

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117429.D
 Acq On : 17 Oct 2019 18:47
 Operator : JU
 Sample : K5152-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Quant Time: Oct 18 03:54:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	48130	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	195248	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	101119	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	173632	20.00	ng	0.00
76) Chrysene-d12	13.96	240	132629	20.00	ng	0.00
87) Perylene-d12	15.41	264	125256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	400478	128.03	ng	0.02
7) Phenol-d6	6.45	99	536018	129.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	337276	87.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	124341	151.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	616638	88.90	ng	0.00
79) Terphenyl-d14	12.90	244	692007	85.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	49033	38.076	ng	# 87
3) Pyridine	3.42	79	104705	31.949	ng	98
4) n-Nitrosodimethylamine	3.31	42	51415	44.520	ng	84
6) Aniline	6.46	93	59059	11.391	ng	# 31
8) 2-Chlorophenol	6.59	128	144292	41.490	ng	96
9) Benzaldehyde	6.35	77	58555	25.347	ng	97
10) Phenol	6.46	94	201108	44.883	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	140579	41.266	ng	98
12) 1,3-Dichlorobenzene	6.73	146	111841	28.757	ng	98
13) 1,4-Dichlorobenzene	6.81	146	117330	29.595	ng	97
14) 1,2-Dichlorobenzene	6.96	146	112304	29.991	ng	98
15) Benzyl Alcohol	6.95	79	134342	42.308	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	134687	37.653	ng	# 58
17) 2-Methylphenol	7.06	107	119625	41.203	ng	93
18) Hexachloroethane	7.30	117	40641	26.366	ng	90
19) n-Nitroso-di-n-propylamine	7.21	70	109782	41.485	ng	95
20) 3+4-Methylphenols	7.22	107	160386	42.903	ng	95
22) Acetophenone	7.20	105	217395	42.431	ng	# 94
24) Nitrobenzene	7.37	77	161251	41.793	ng	97
25) Isophorone	7.62	82	299430	43.640	ng	99
26) 2-Nitrophenol	7.69	139	76482	44.677	ng	94
27) 2,4-Dimethylphenol	7.73	122	131677	50.611	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	178918	42.063	ng	96
29) 2,4-Dichlorophenol	7.95	162	119155	44.385	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	101625	35.116	ng	99
31) Naphthalene	8.09	128	383270	39.307	ng	99
32) Benzoic acid	7.89	122	60667	36.450	ng	93
33) 4-Chloroaniline	8.16	127	37450	9.044	ng	96
34) Hexachlorobutadiene	8.21	225	53034	31.997	ng	98
35) Caprolactam	8.53	113	21224	25.246	ng	95
36) 4-Chloro-3-methylphenol	8.65	107	144946	47.450	ng	97
37) 2-Methylnaphthalene	8.79	142	273822	41.587	ng	98
38) 1-Methylnaphthalene	8.88	142	257247	41.467	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	107662	39.560	ng	99

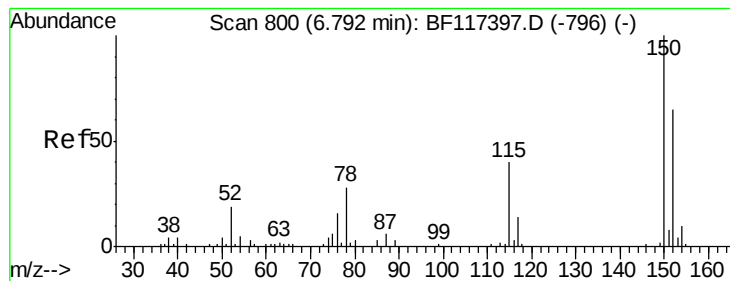
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	45040	88.628	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	78400	45.521	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	83958	47.791	nq	95
46) 1,1'-Biphenyl	9.25	154	341324	41.318	nq	97
47) 2-Chloronaphthalene	9.27	162	262471	40.759	nq	99
48) 2-Nitroaniline	9.38	65	89651	43.633	nq	95
49) Acenaphthylene	9.69	152	416691	44.139	nq	99
50) Dimethylphthalate	9.55	163	411460	56.658	nq	99
51) 2,6-Dinitrotoluene	9.62	165	71599	46.906	nq	96
52) Acenaphthene	9.86	154	249601	43.512	nq	99
53) 3-Nitroaniline	9.79	138	30048	16.120	nq	99
54) 2,4-Dinitrophenol	9.92	184	51140	78.329	nq	98
55) Dibenzofuran	10.03	168	380488	45.470	nq	98
56) 4-Nitrophenol	9.98	139	82145	96.562	nq	86
57) 2,4-Dinitrotoluene	10.03	165	98668	48.988	nq	97
58) Fluorene	10.37	166	318455	45.706	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	67100	49.407	nq	98
60) Diethylphthalate	10.25	149	337089	46.049	nq	98
61) 4-Chlorophenyl-phenylether	10.36	204	135615	43.963	nq	88
62) 4-Nitroaniline	10.42	138	76219	43.016	nq	98
63) Azobenzene	10.53	77	347685	46.289	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	41442	45.057	nq	99
66) n-Nitrosodiphenylamine	10.49	169	276670	42.654	nq	98
67) 4-Bromophenyl-phenylether	10.85	248	79945	41.978	nq	92
68) Hexachlorobenzene	10.93	284	80991	39.599	nq	92
69) Atrazine	11.02	200	75671	71.945	nq	98
70) Pentachlorophenol	11.13	266	72947	119.219	nq	# 88
71) Phenanthrene	11.34	178	450598	43.900	nq	98
72) Anthracene	11.39	178	475373	44.864	nq	99
73) Carbazole	11.55	167	444030	46.134	nq	99
74) Di-n-butylphthalate	11.87	149	578398	44.379	nq	99
75) Fluoranthene	12.53	202	481130	47.141	nq	98
77) Benzidine	12.65	184	108601	33.108	nq	98
78) Pyrene	12.76	202	482769	41.179	nq	98
80) Butylbenzylphthalate	13.36	149	249559	42.333	nq	97
81) Benzo(a)anthracene	13.95	228	394646	43.367	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	52620	18.288	nq	98
83) Chrysene	13.99	228	395432	44.063	nq	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	361312	43.468	nq	95
85) Di-n-octyl phthalate	14.53	149	590802	46.687	nq	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	312623	49.820	nq	98
88) Benzo(b)fluoranthene	15.00	252	335899	43.076	nq	99
89) Benzo(k)fluoranthene	15.02	252	316251	40.810	nq	99
90) Benzo(a)pyrene	15.36	252	299968	43.442	nq	99
91) Dibenzo(a,h)anthracene	16.87	278	264715	44.739	nq	97
92) Benzo(g,h,i)perylene	17.30	276	246414	43.751	nq	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

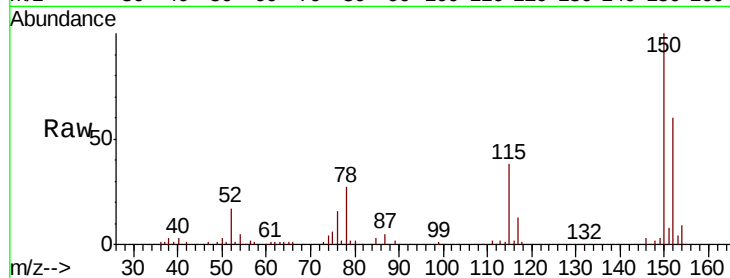


#1

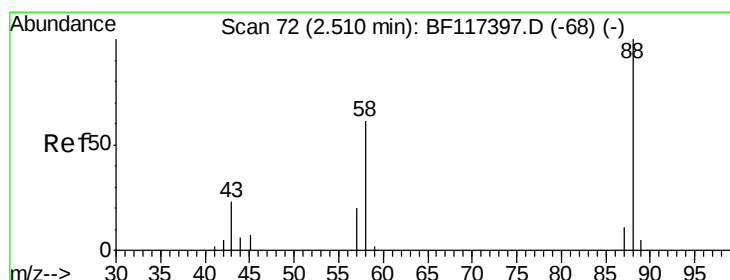
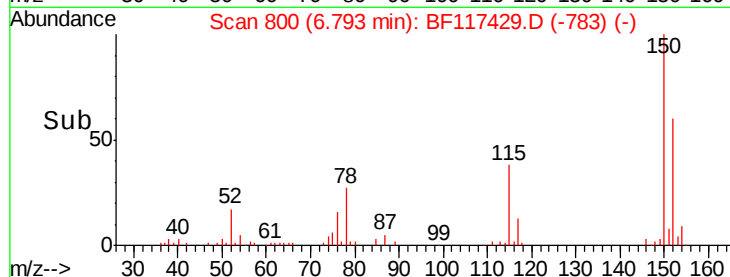
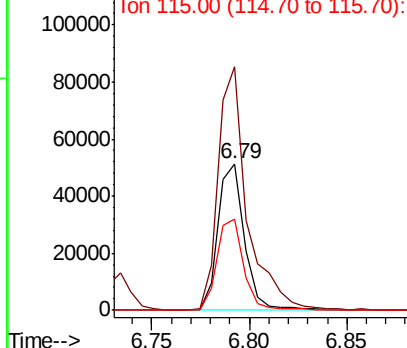
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:152 Resp: 48130
Ion Ratio Lower Upper
152 100
150 165.9 122.7 184.1
115 62.6 48.6 73.0



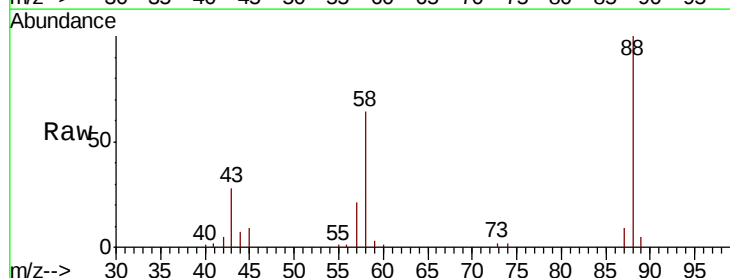
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



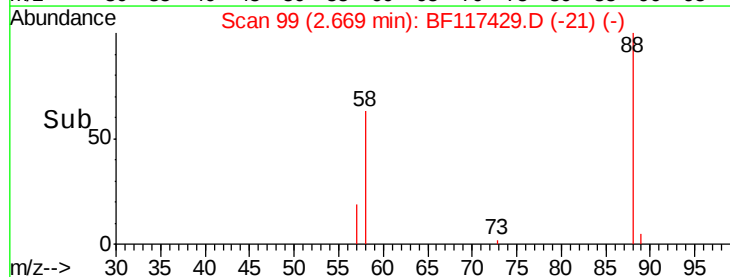
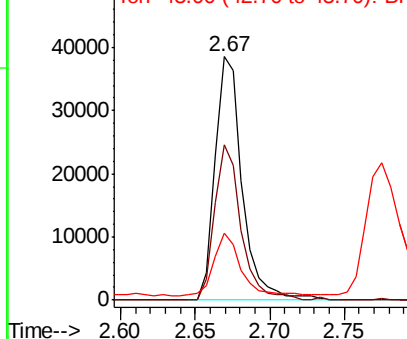
#2

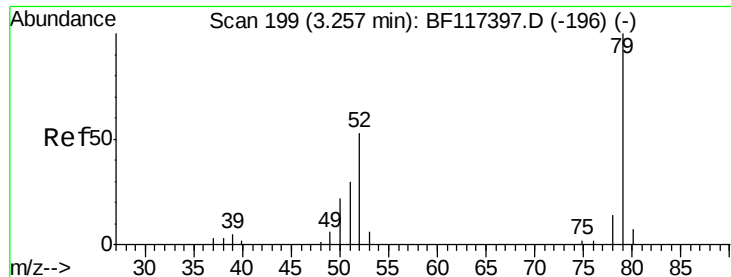
1,4-Dioxane
Concen: 38.076 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.16 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion: 88 Resp: 49033
Ion Ratio Lower Upper
88 100
58 62.0 49.4 74.2
43 0.0 18.1 27.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.949 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.16 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

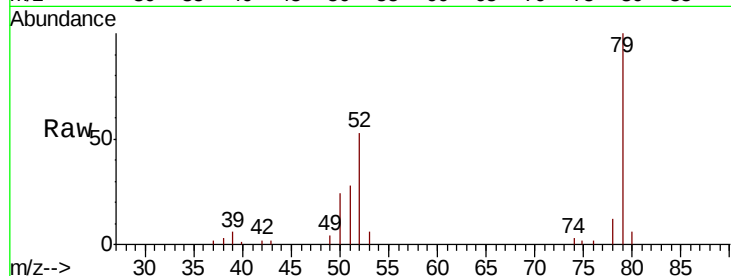
Tot Ion: 79 Resp: 104705

Ion Ratio Lower Upper

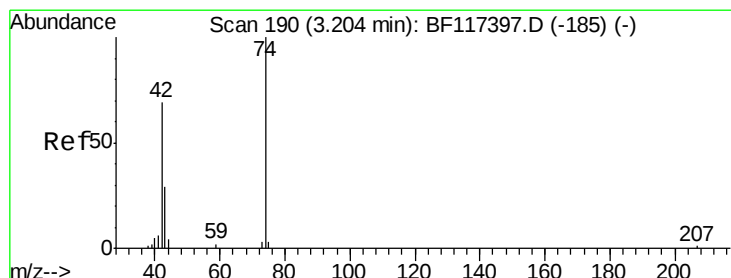
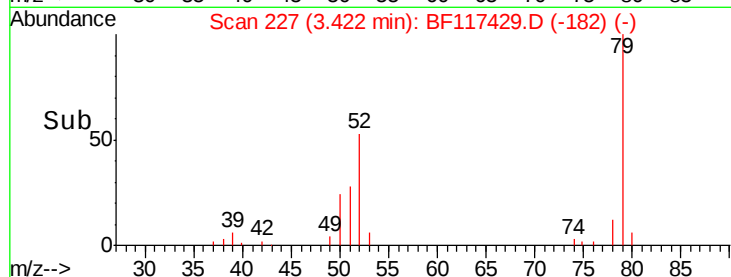
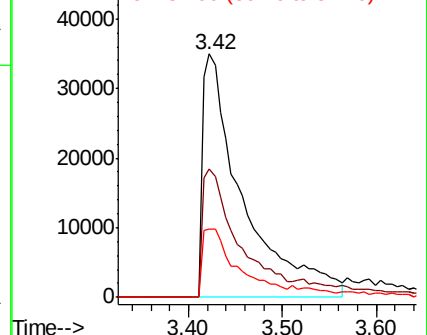
79 100

52 52.6 42.7 64.1

51 28.2 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 44.520 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.11 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

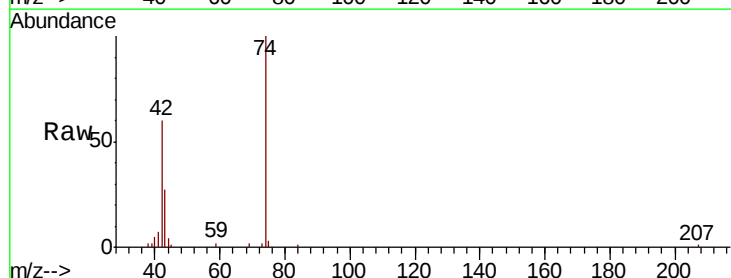
Tgt Ion: 42 Resp: 51415

Ion Ratio Lower Upper

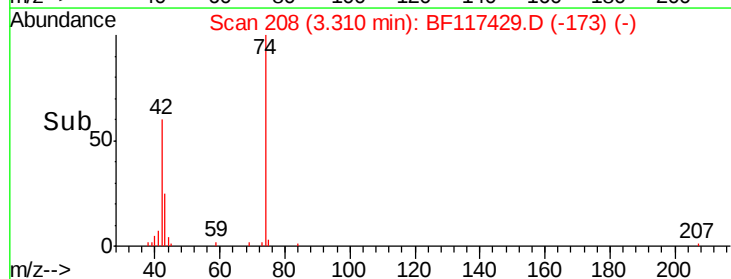
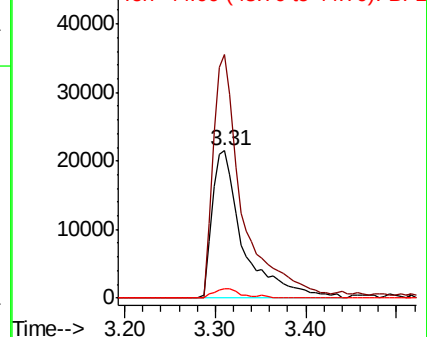
42 100

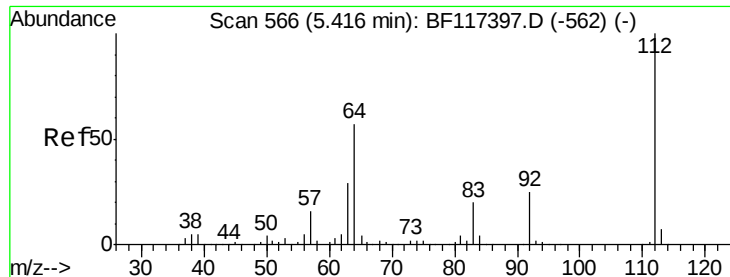
74 165.4 116.2 174.4

44 6.1 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 128.026 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

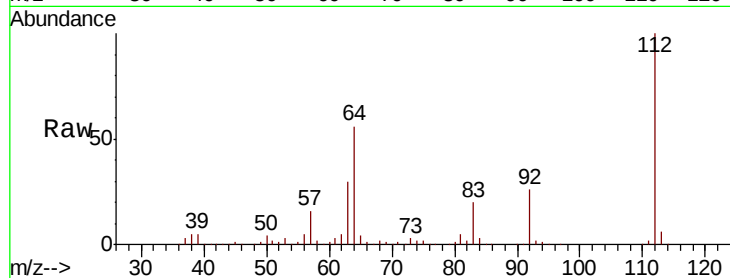
Tot Ion:112 Resp: 400478

Ion Ratio Lower Upper

112 100

64 56.1 45.2 67.8

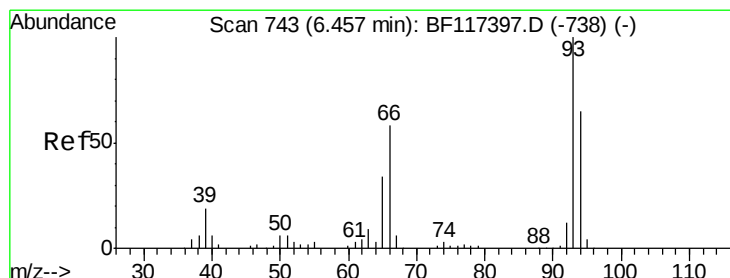
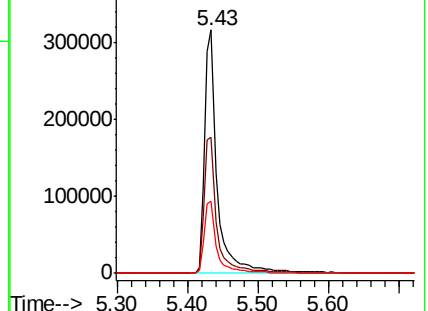
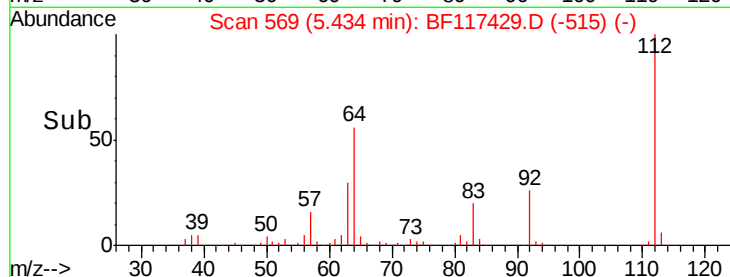
63 29.5 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.391 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

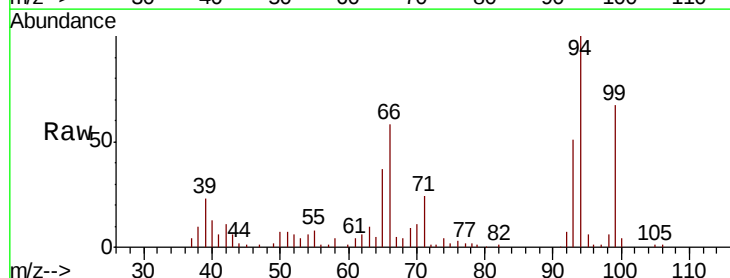
Tgt Ion: 93 Resp: 59059

Ion Ratio Lower Upper

93 100

66 114.4 48.4 72.6#

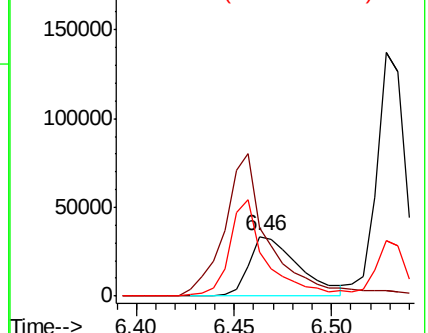
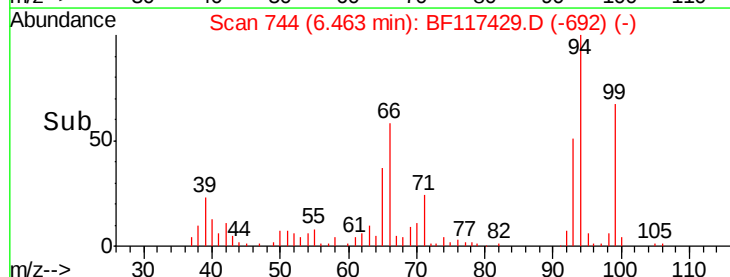
65 73.3 27.8 41.6#

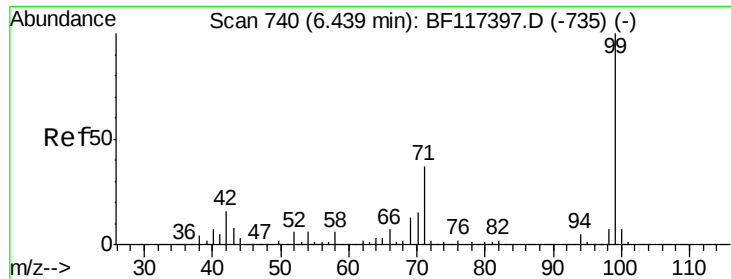


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.149 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

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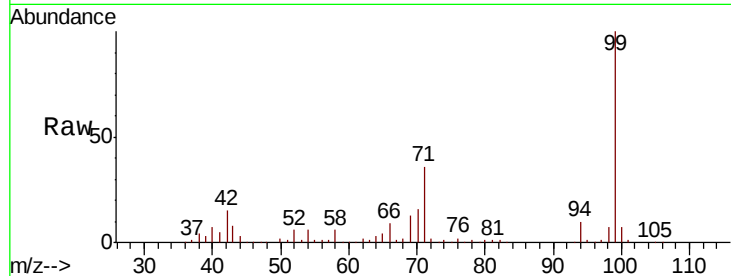
Tot Ion: 99 Resp: 536018

Ion Ratio Lower Upper

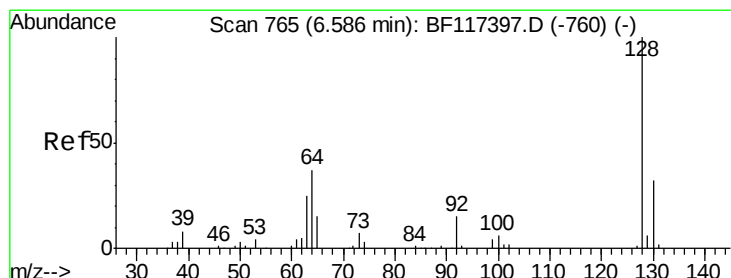
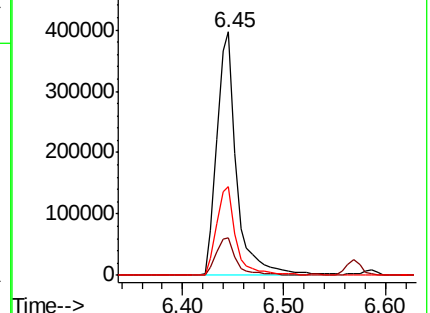
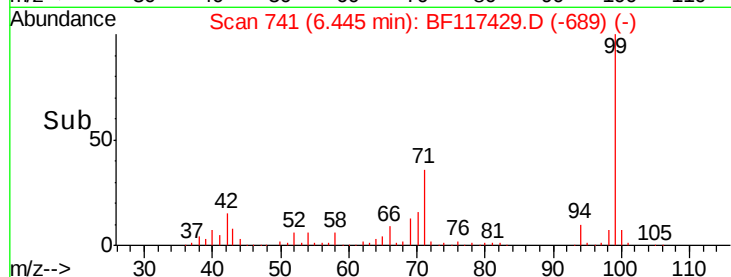
99 100

42 15.4 12.5 18.7

71 36.3 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.490 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

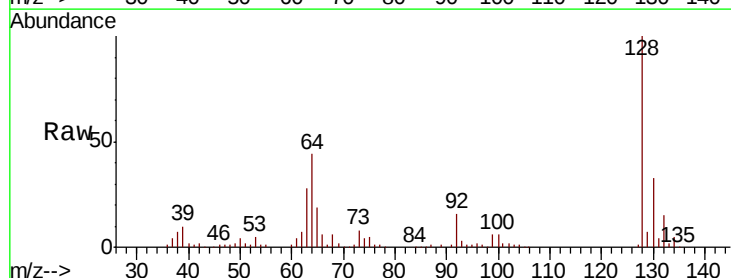
Tgt Ion: 128 Resp: 144292

Ion Ratio Lower Upper

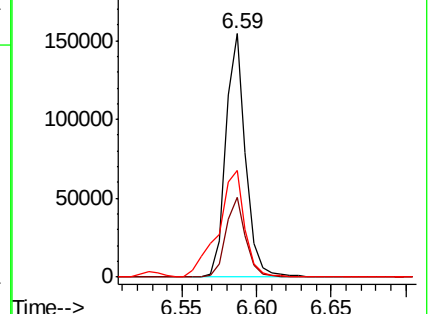
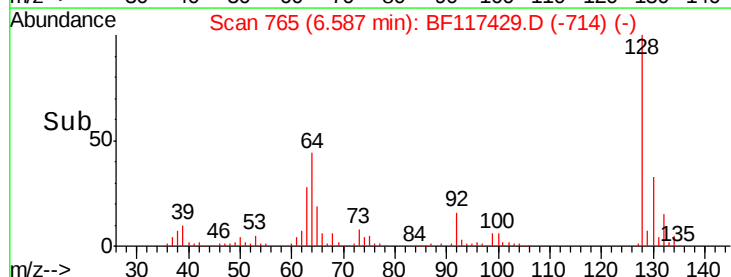
128 100

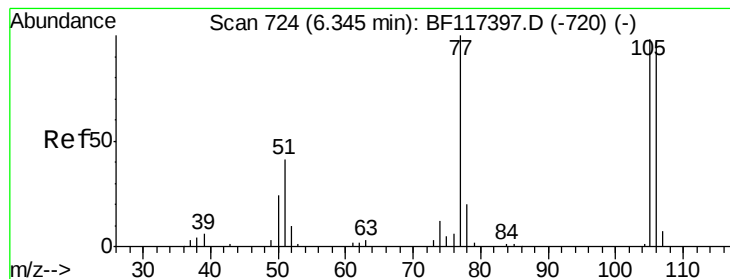
130 32.9 11.7 51.7

64 44.1 20.4 60.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.347 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

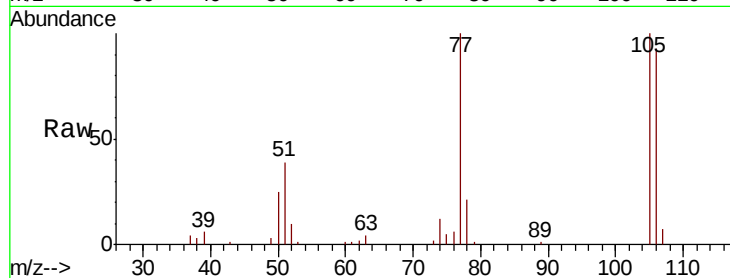
Tot Ion: 77 Resp: 58555

Ion Ratio Lower Upper

77 100

105 99.9 77.9 117.9

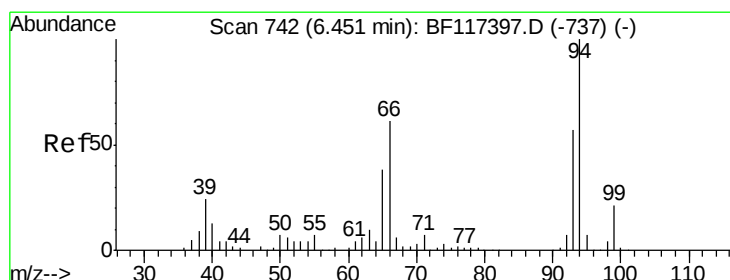
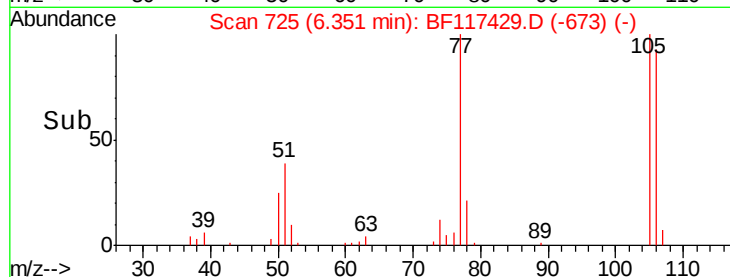
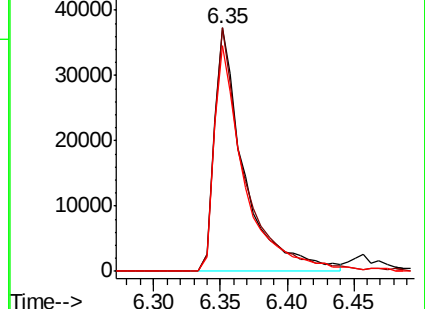
106 92.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.883 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

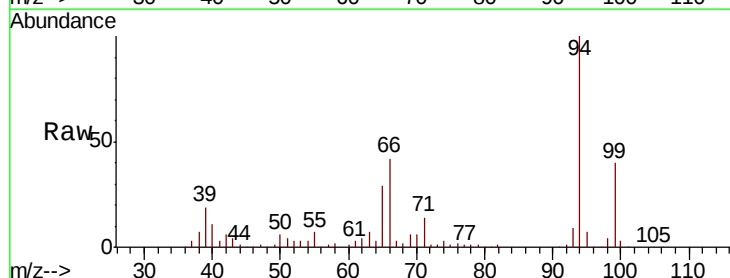
Tgt Ion: 94 Resp: 201108

Ion Ratio Lower Upper

94 100

65 28.9 18.2 58.2

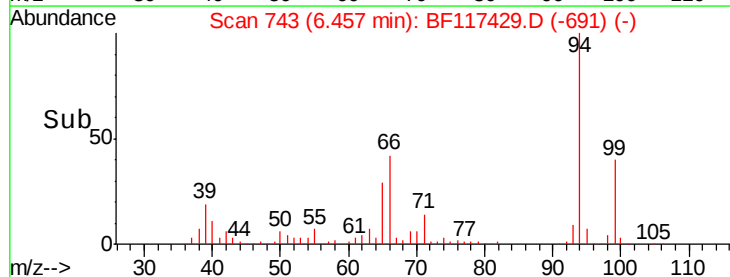
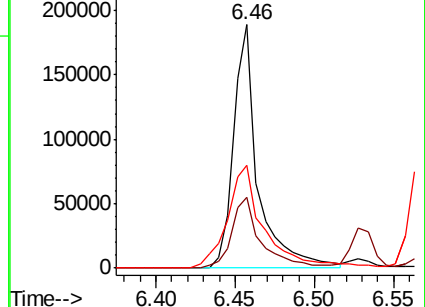
66 42.5 41.1 81.1

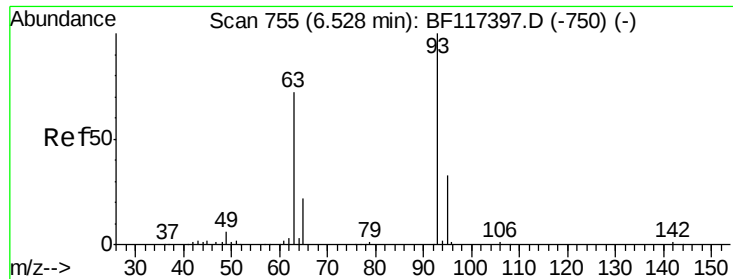


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

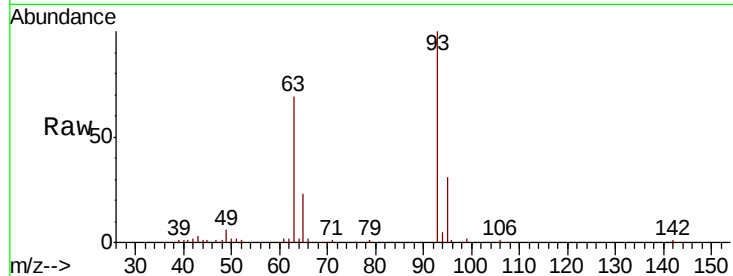




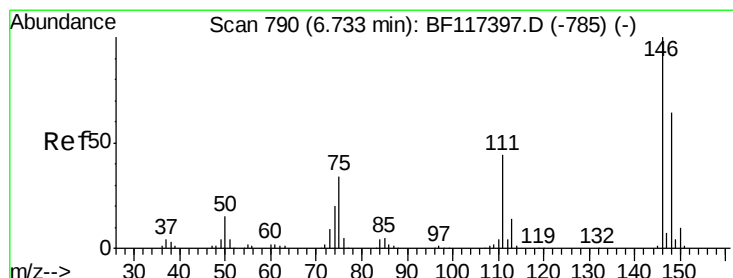
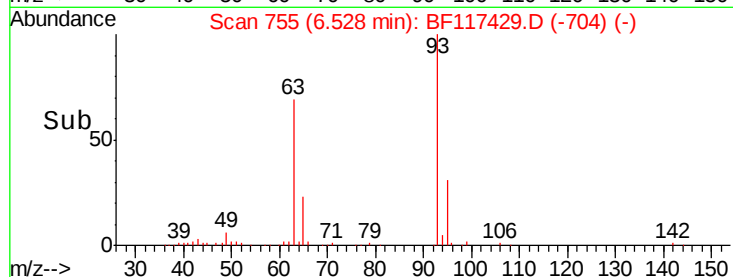
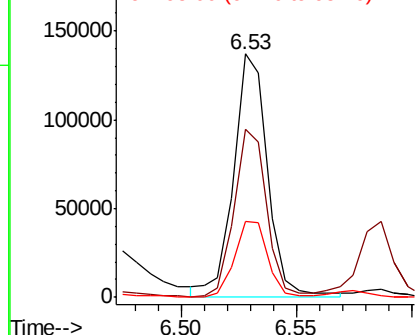
#11
bis(2-Chloroethyl)ether
Concen: 41.266 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion: 93 Resp: 140579
Ion Ratio Lower Upper
93 100
63 69.0 50.9 90.9
95 31.1 12.4 52.4

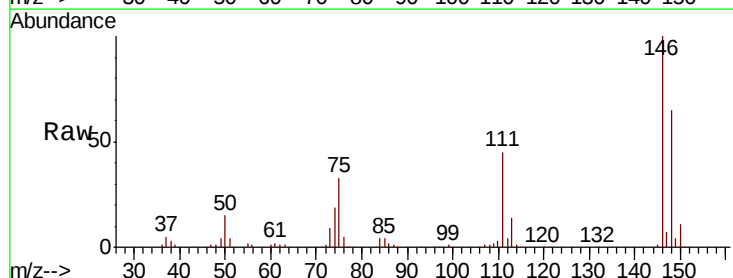


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

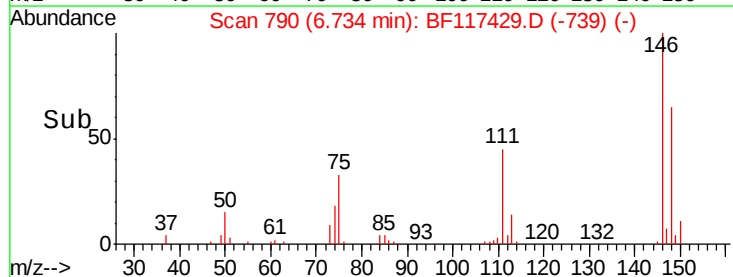
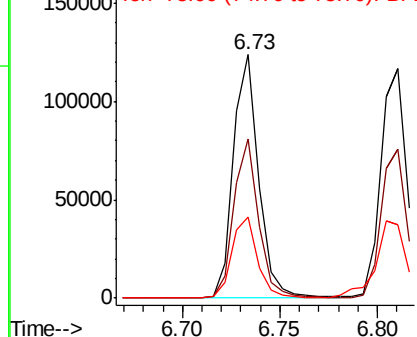


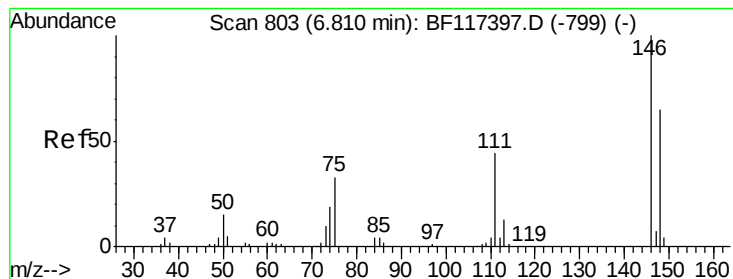
#12
1,3-Dichlorobenzene
Concen: 28.757 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion: 146 Resp: 111841
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.6
75 33.1 27.4 41.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 29.595 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

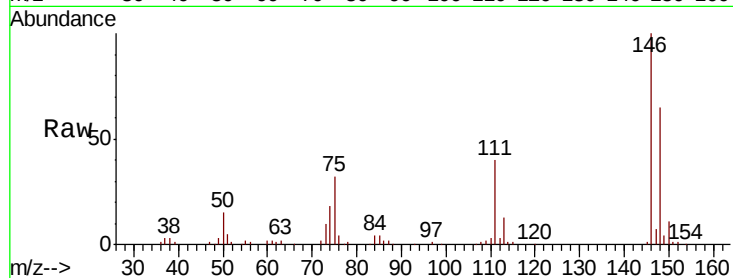
Tot Ion:146 Resp: 117330

Ion Ratio Lower Upper

146 100

148 65.0 52.2 78.2

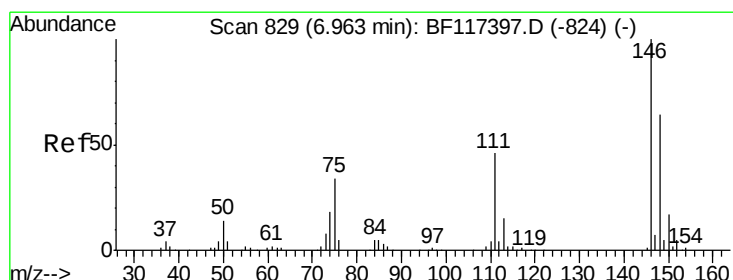
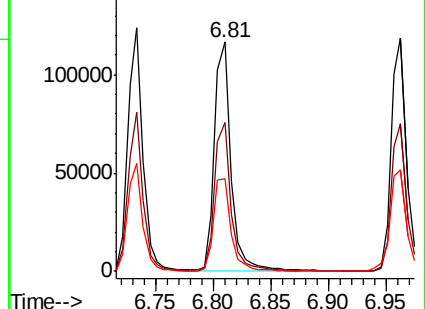
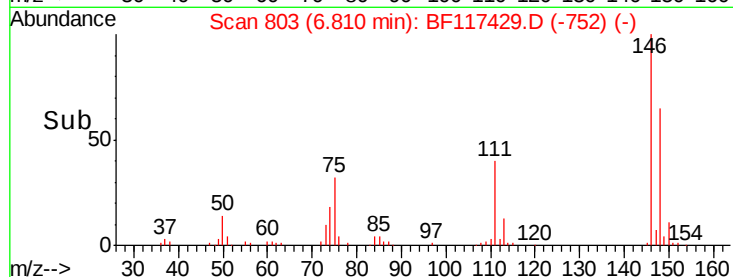
111 40.3 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 29.991 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

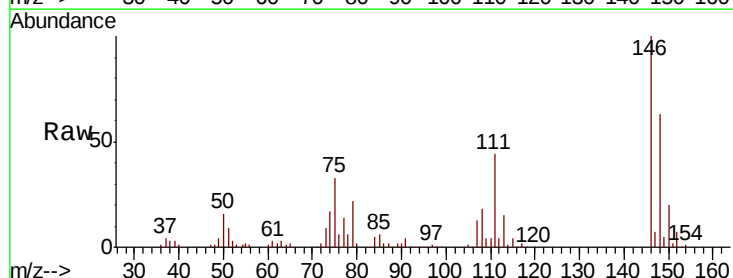
Tgt Ion:146 Resp: 112304

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

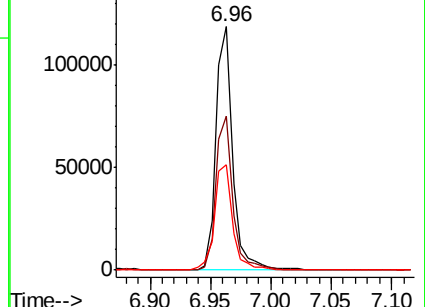
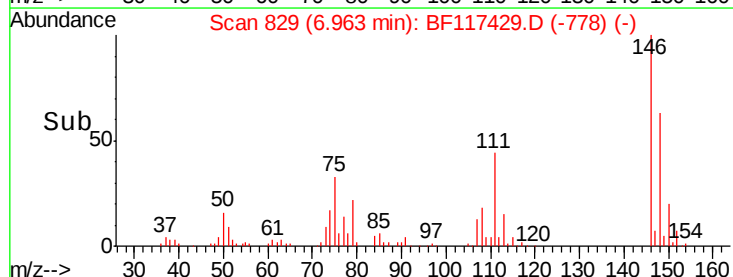
111 43.5 36.5 54.7

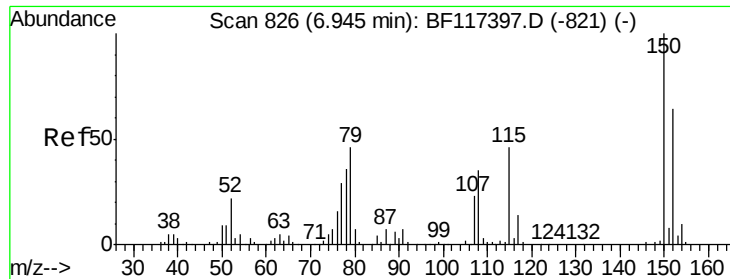


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

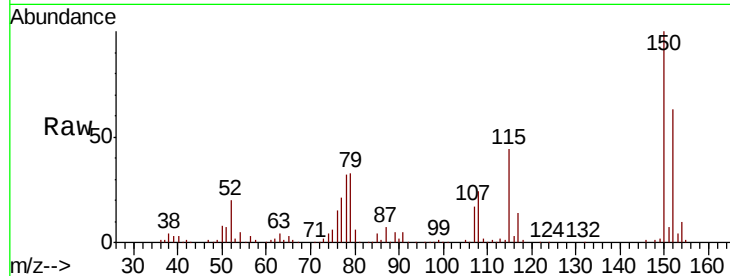




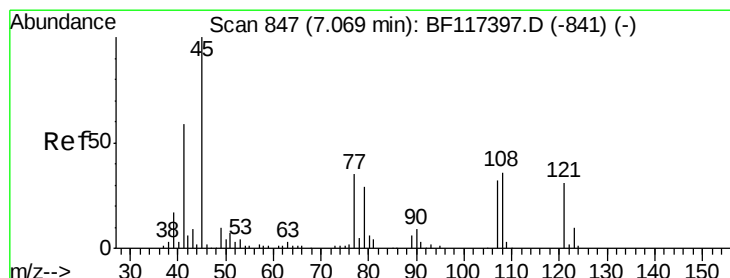
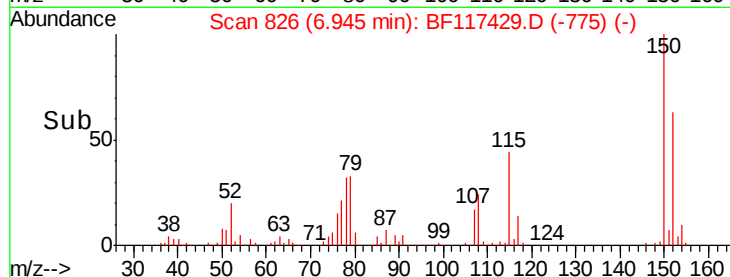
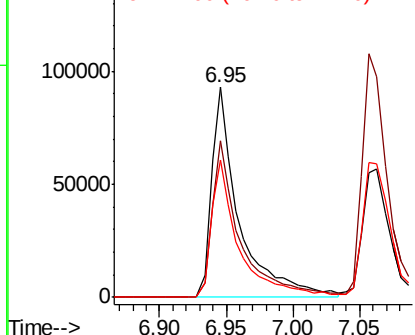
#15
Benzyl Alcohol
Concen: 42.308 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion: 79 Resp: 134342
Ion Ratio Lower Upper
79 100
108 74.8 60.4 90.6
77 65.6 50.6 76.0

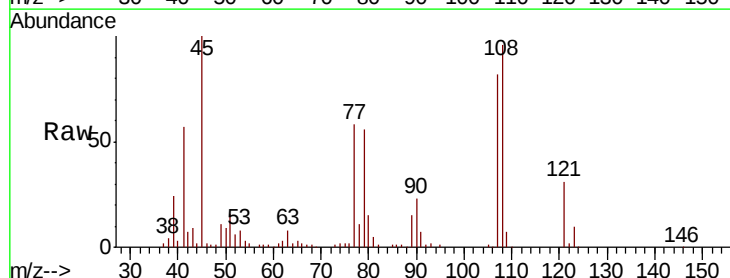


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

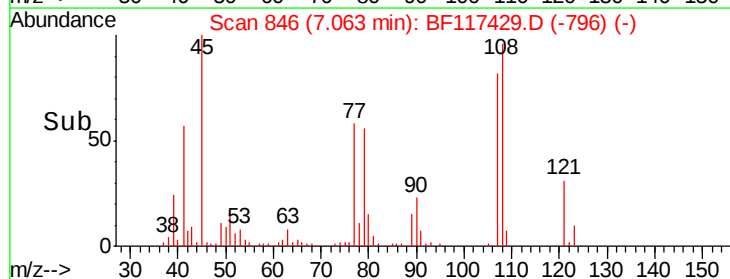
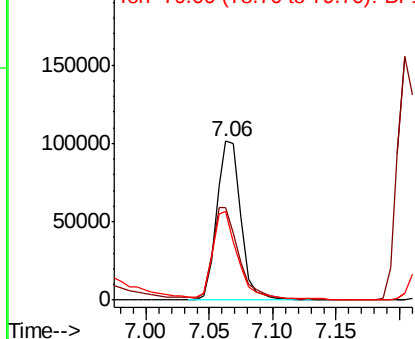


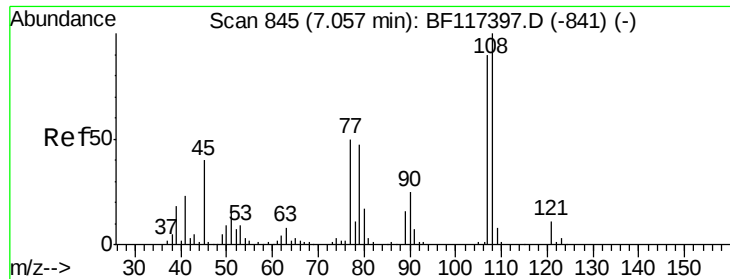
#16
2,2'-oxybis(1-chloropropane)
Concen: 37.653 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion: 45 Resp: 134687
Ion Ratio Lower Upper
45 100
77 58.2 15.9 55.9#
79 55.9 10.7 50.7#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

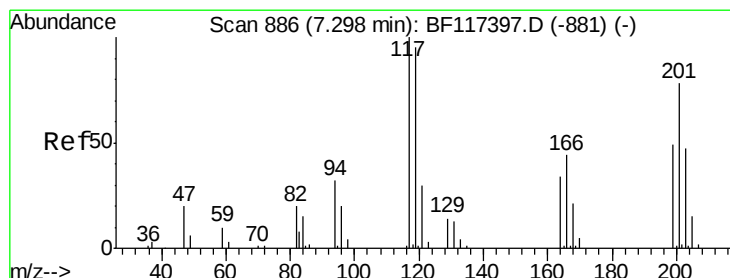
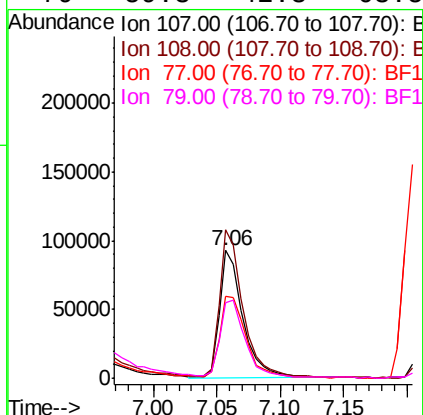
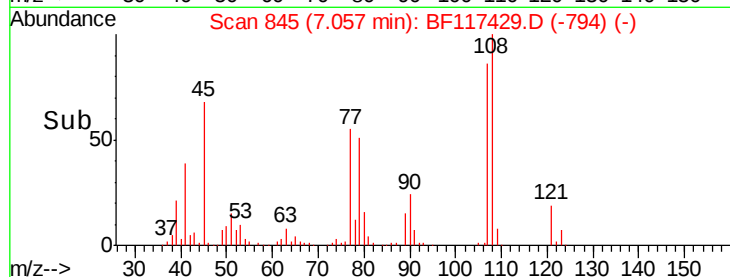
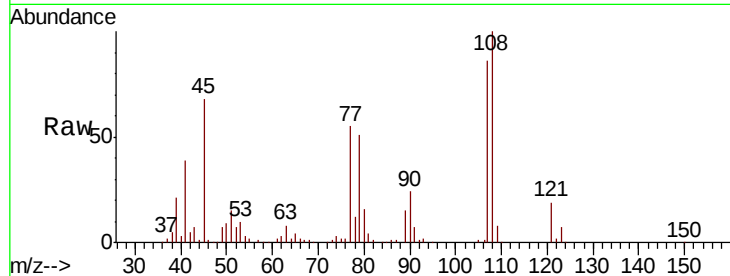




#17
2-Methylphenol
Concen: 41.203 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

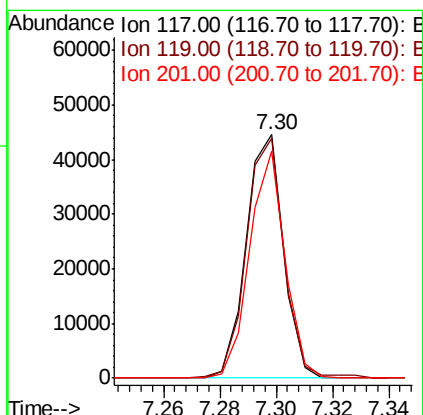
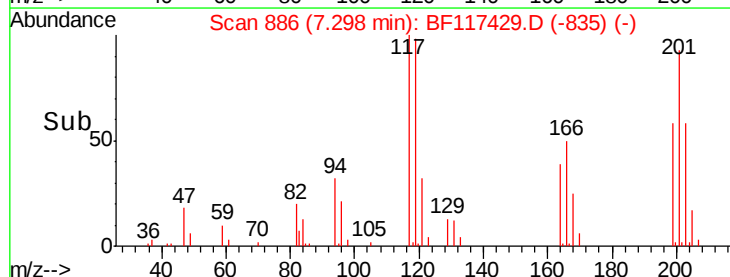
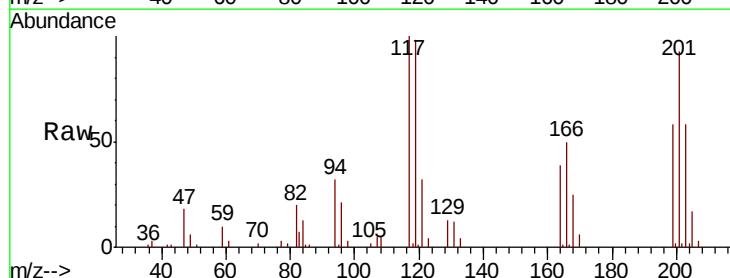
Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

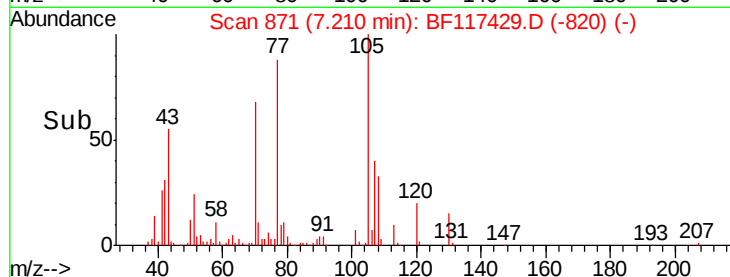
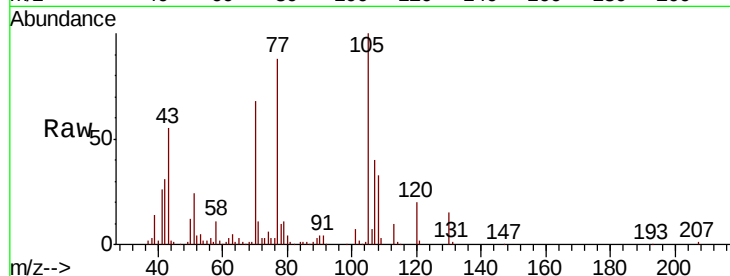
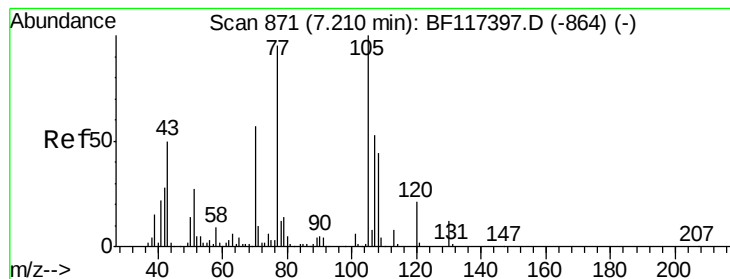
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	89.4	134.2
77	64.1	45.1	67.7
79	59.3	42.3	63.5



#18
Hexachloroethane
Concen: 26.366 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.7	113.5
201	93.3	62.2	93.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.485 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

Tot Ion: 70 Resp: 109782

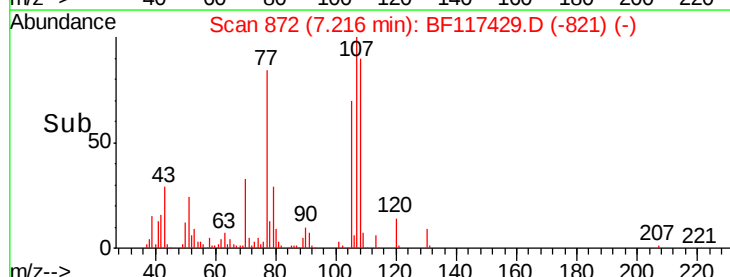
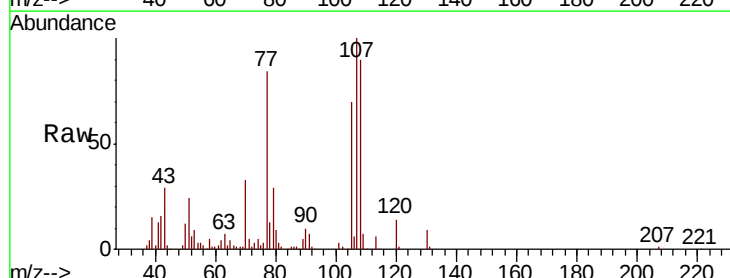
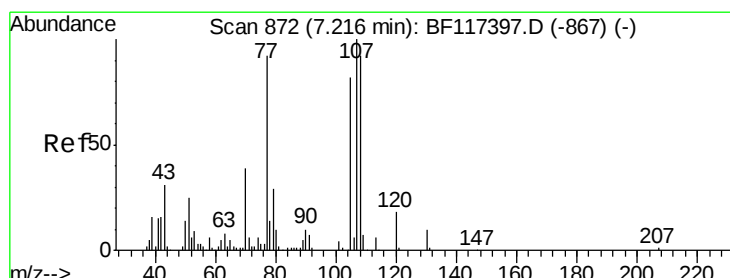
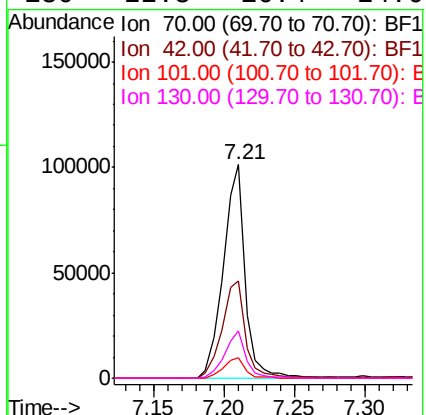
Ion Ratio Lower Upper

70 100

42 45.3 39.8 59.8

101 9.6 8.1 12.1

130 22.3 16.4 24.6



#20

3+4-Methylphenols

Concen: 42.903 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion: 107 Resp: 160386

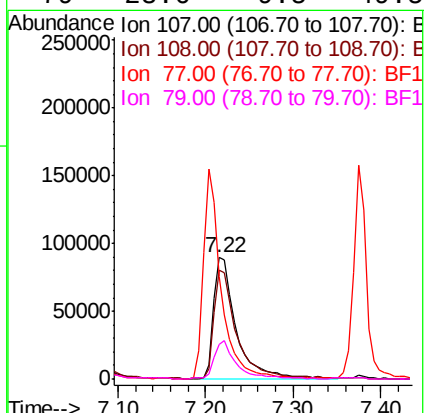
Ion Ratio Lower Upper

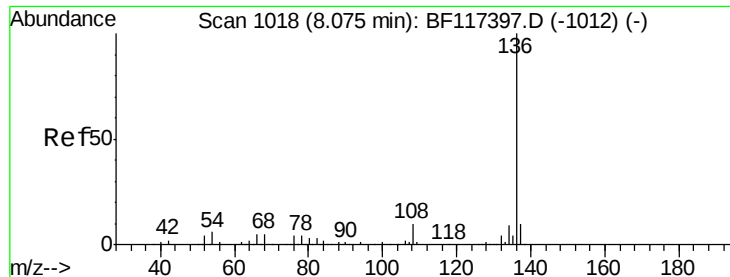
107 100

108 89.8 71.8 111.8

77 84.2 72.7 112.7

79 28.6 9.5 49.5

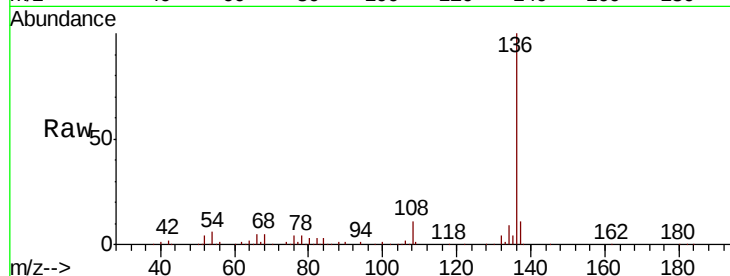




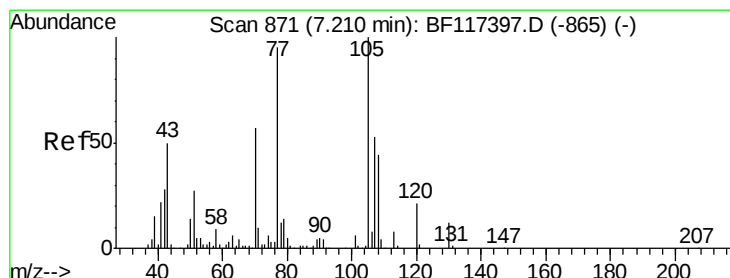
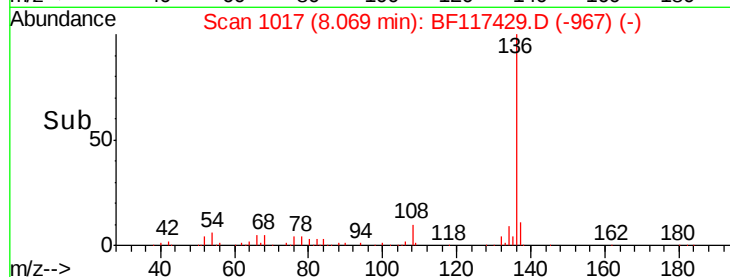
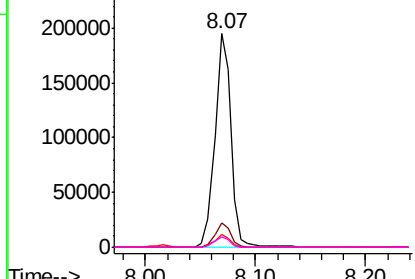
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:136	Resp:	195248
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.4 12.6
54	5.8	4.6 6.8
68	4.6	3.8 5.8

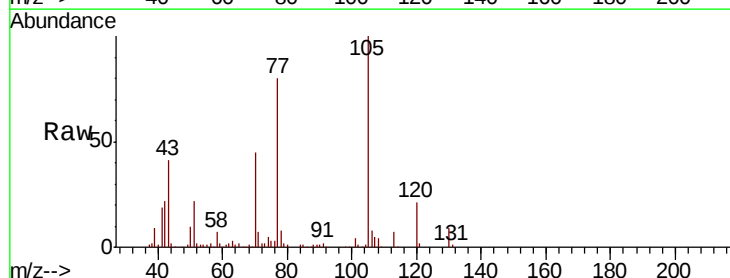


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BF1
200000
Ion 68.00 (67.70 to 68.70): BF1
150000
100000
50000
0

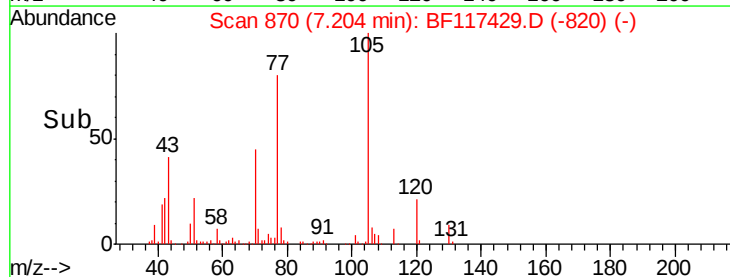
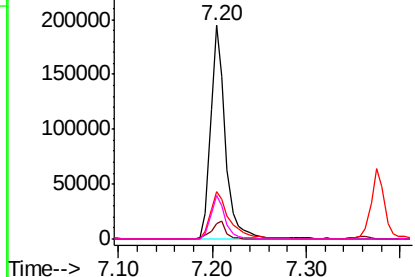


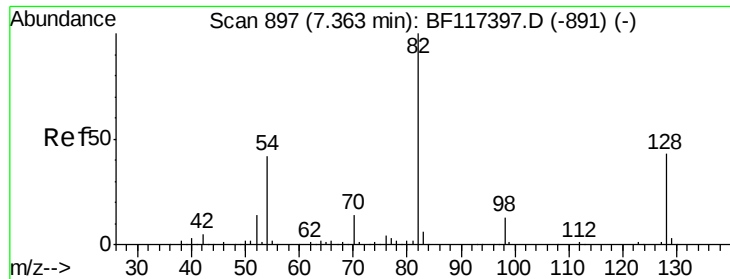
#22
Acetophenone
Concen: 42.431 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:105	Resp:	217395
Ion	Ratio	Lower Upper
105	100	
71	7.3	7.8 11.6#
51	22.1	21.5 32.3
120	20.5	16.7 25.1



Abundance Ion 105.00 (104.70 to 105.70): E
300000
Ion 71.00 (70.70 to 71.70): BF1
250000
Ion 51.00 (50.70 to 51.70): BF1
200000
Ion 120.00 (119.70 to 120.70): E
150000
100000
50000
0

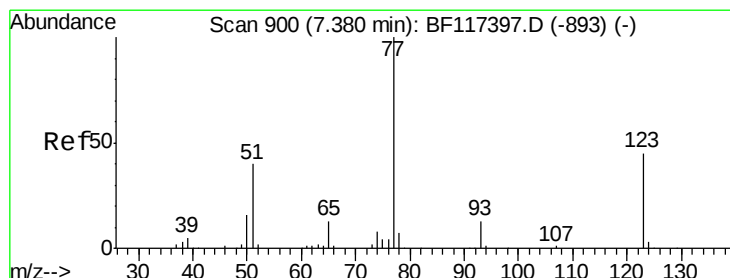
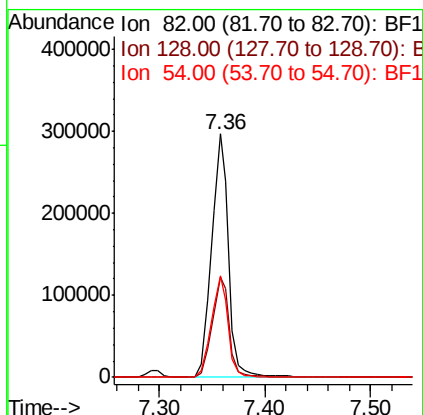
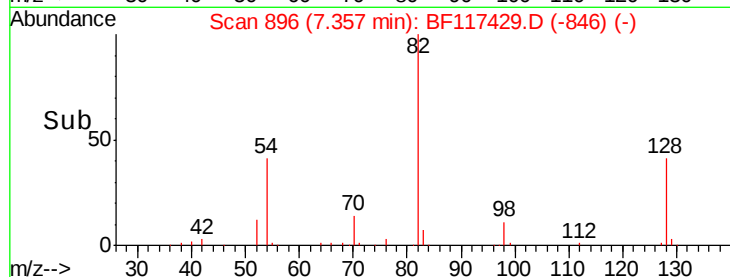
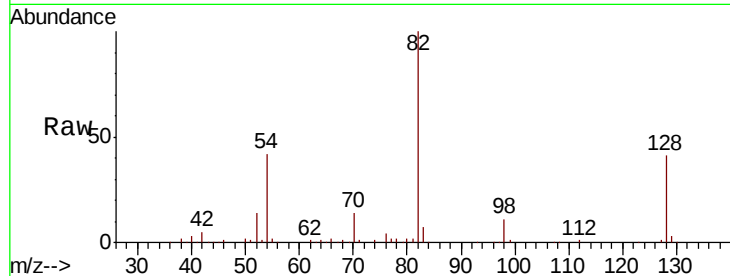




#23
 Nitrobenzene-d5
 Concen: 87.564 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

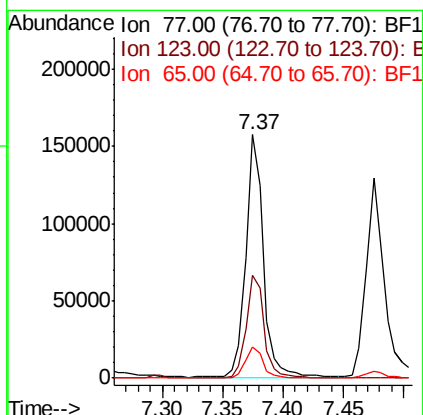
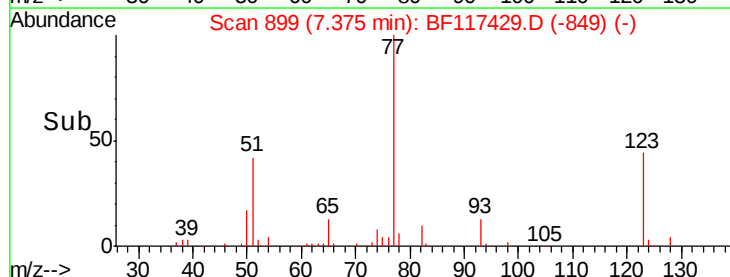
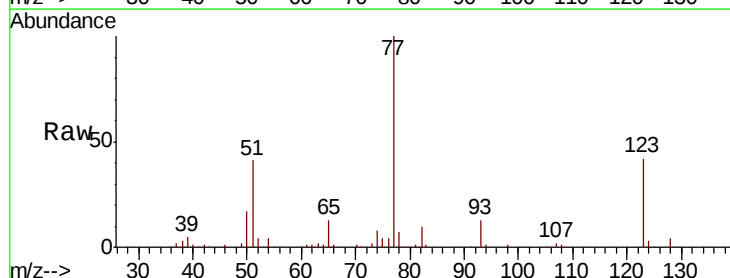
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

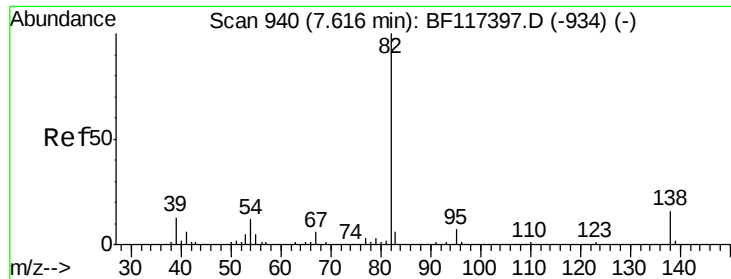
Tot Ion: 82 Resp: 337276
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.1 51.1
 54 41.8 33.3 49.9



#24
 Nitrobenzene
 Concen: 41.793 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion: 77 Resp: 161251
 Ion Ratio Lower Upper
 77 100
 123 42.4 35.8 53.8
 65 13.0 10.1 15.1





#25

Isophorone

Concen: 43.640 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

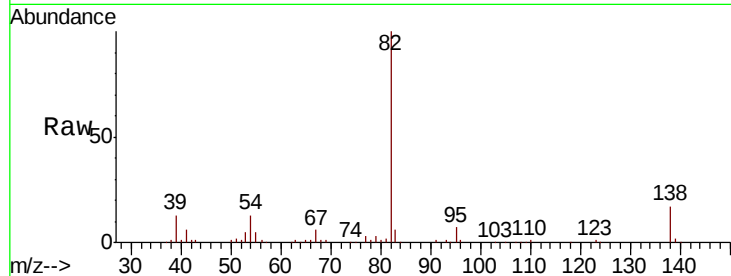
Tot Ion: 82 Resp: 299430

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.0

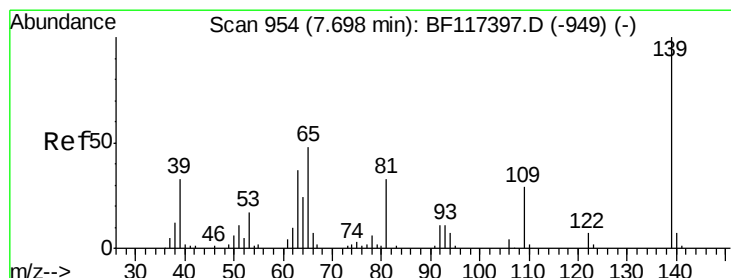
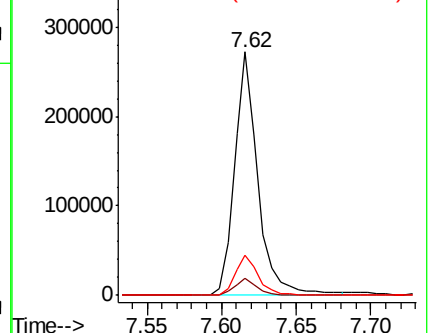
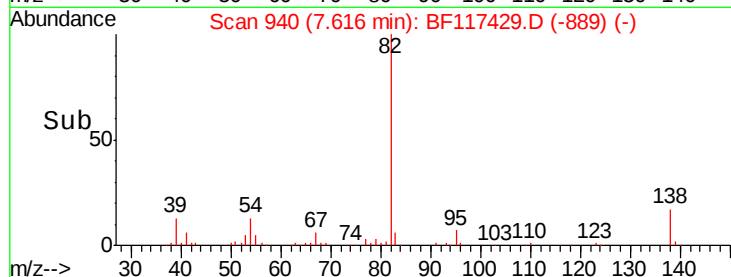
138 16.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.677 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

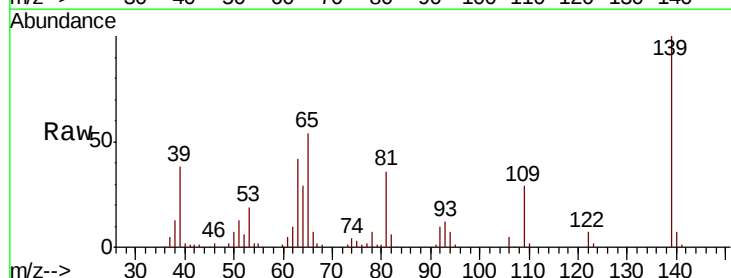
Tgt Ion: 139 Resp: 76482

Ion Ratio Lower Upper

139 100

109 29.2 23.1 34.7

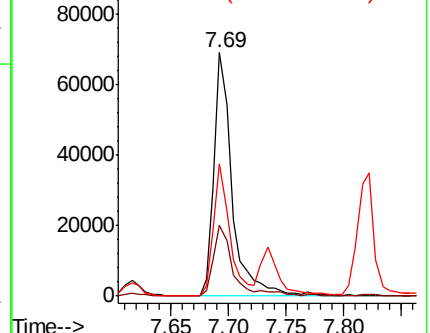
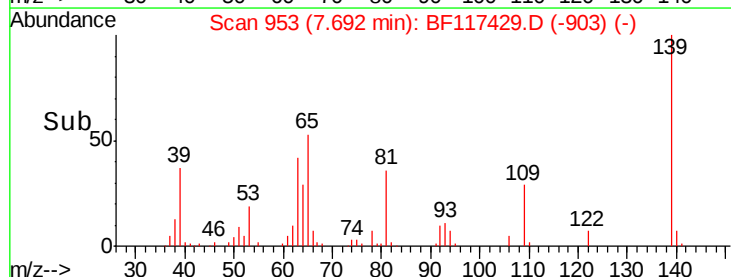
65 54.2 38.2 57.4

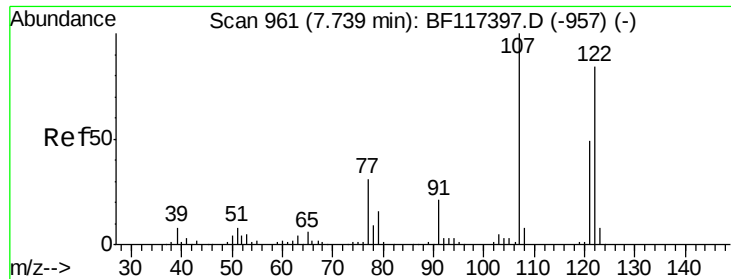


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

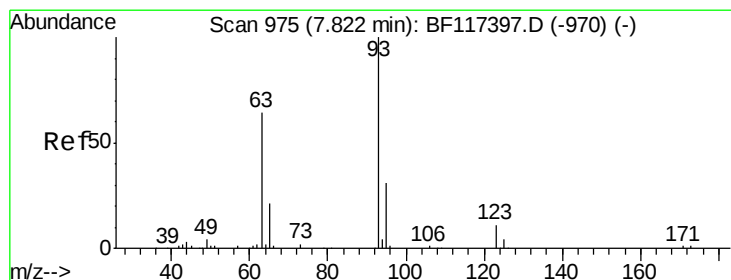
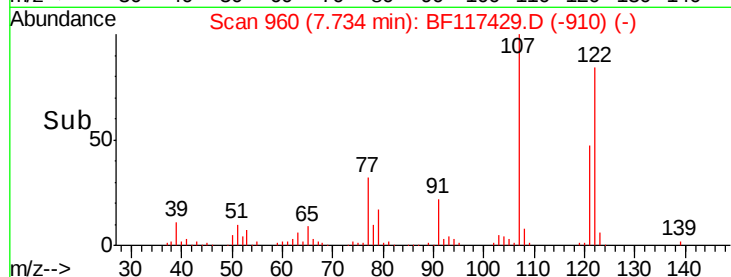
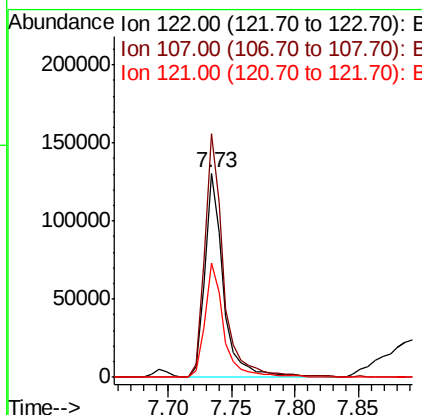
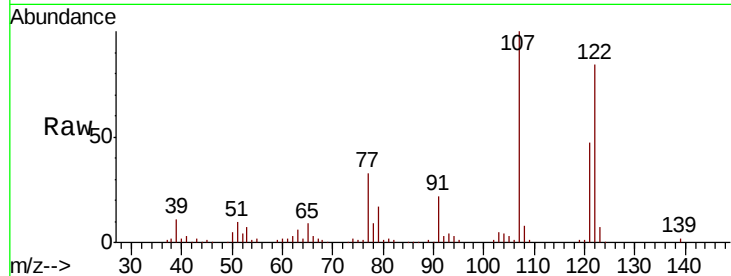




#27
2,4-Dimethylphenol
Concen: 50.611 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

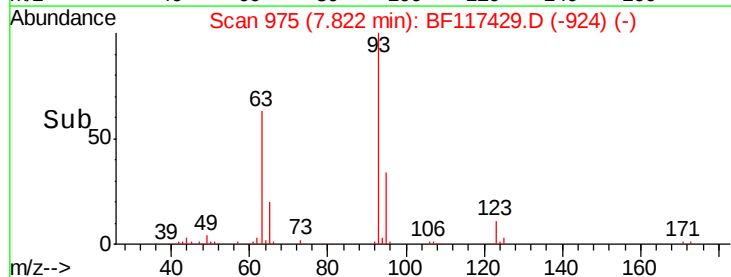
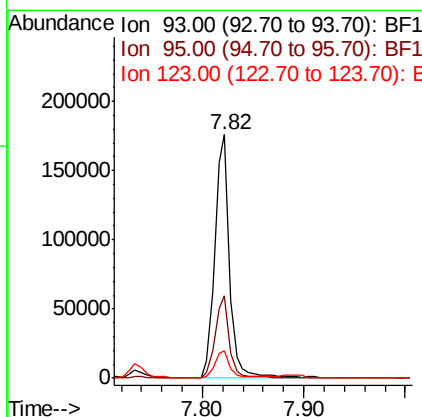
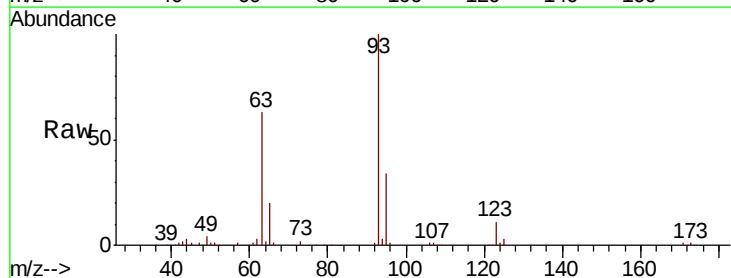
Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

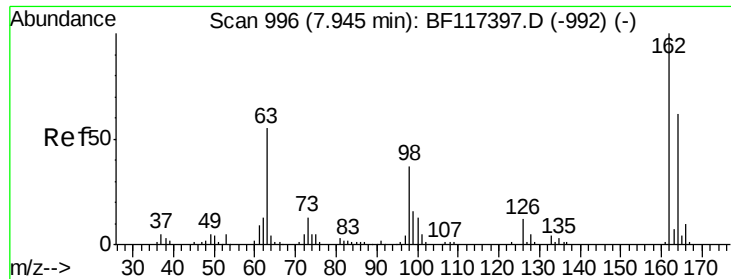
Tot Ion:122 Resp: 131677
Ion Ratio Lower Upper
122 100
107 119.4 95.0 142.6
121 56.1 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.063 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion: 93 Resp: 178918
Ion Ratio Lower Upper
93 100
95 34.0 25.1 37.7
123 11.2 8.6 12.8

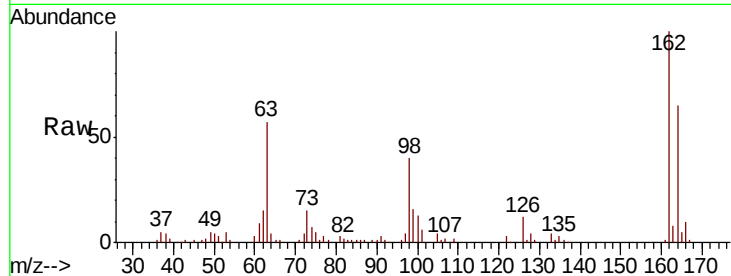




#29
2,4-Dichlorophenol
Concen: 44.385 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	42.2	82.2
98	39.7	17.4	57.4

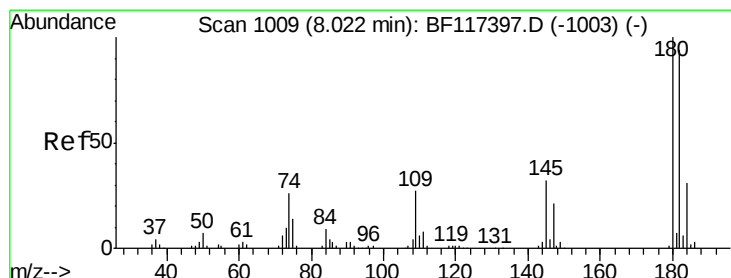
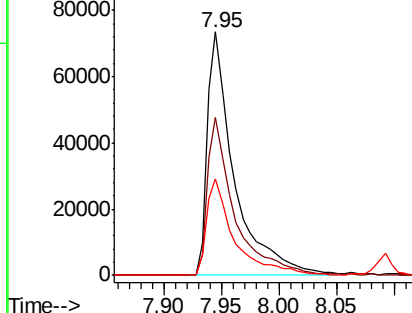
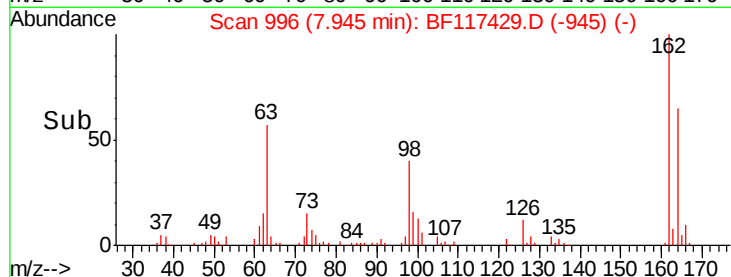


Abundance

Ion 162.00 (161.70 to 162.70): E

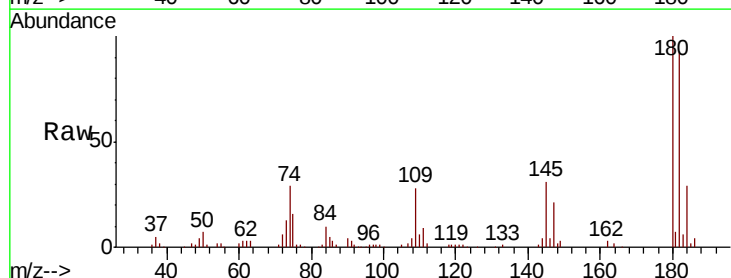
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.116 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.4	113.2
145	30.9	25.5	38.3

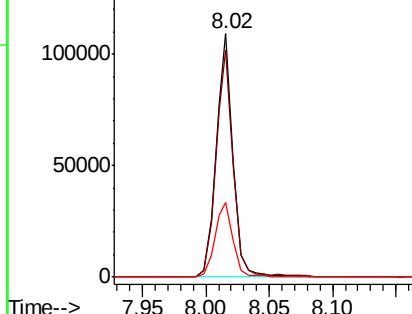
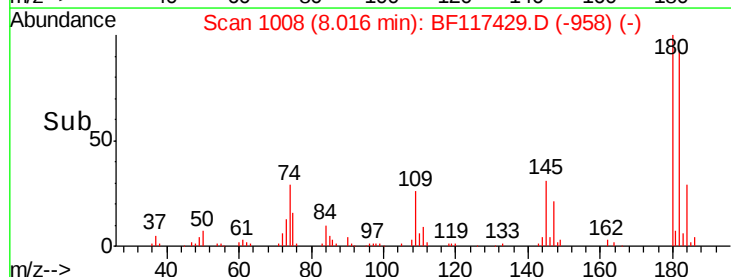


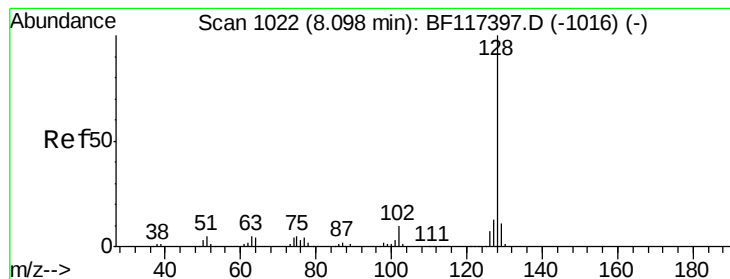
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.307 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

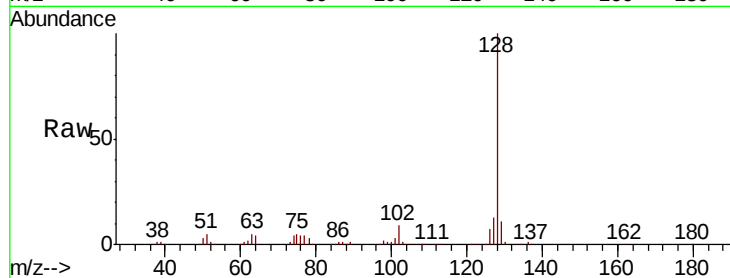
Tot Ion:128 Resp: 383270

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

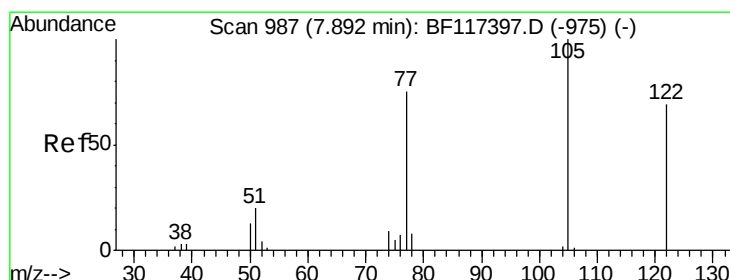
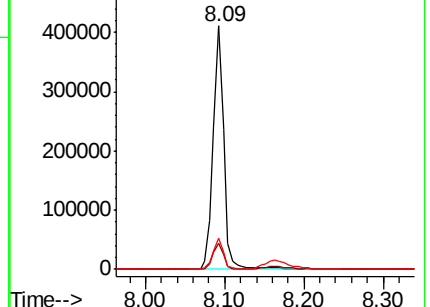
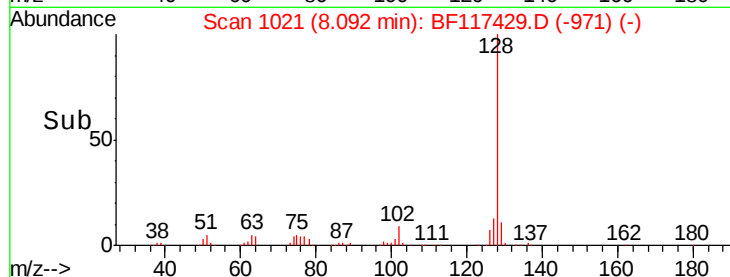
127 12.7 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.450 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

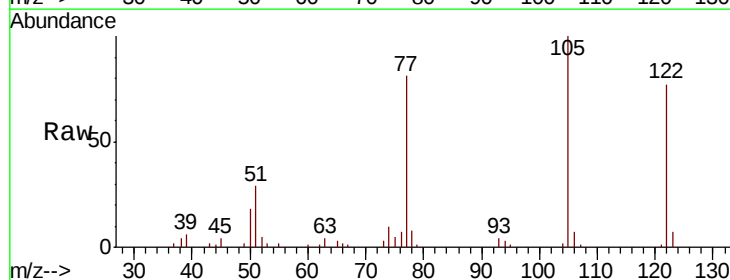
Tgt Ion:122 Resp: 60667

Ion Ratio Lower Upper

122 100

105 129.1 121.5 161.5

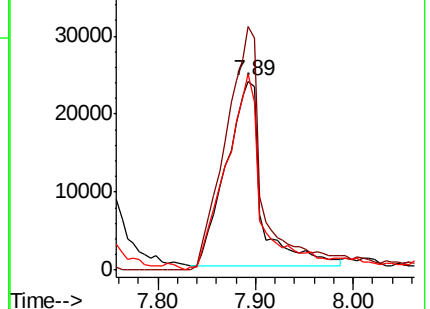
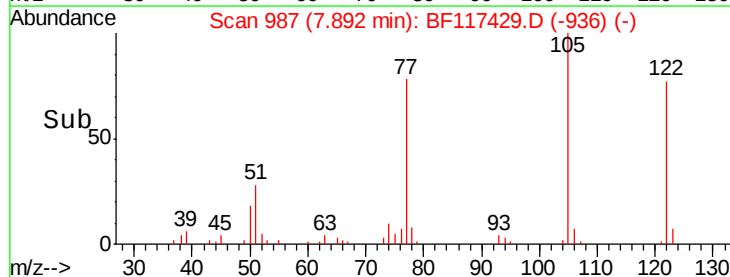
77 104.3 88.3 128.3

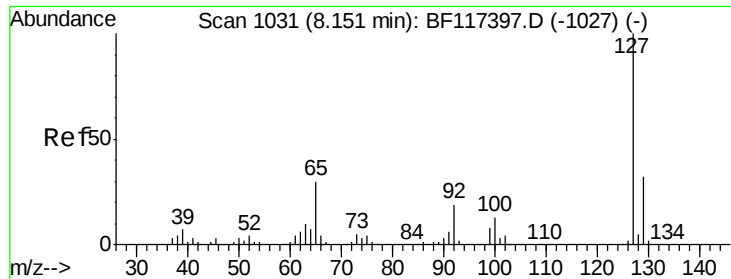


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

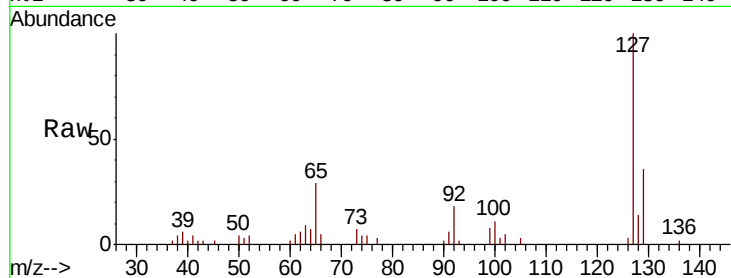




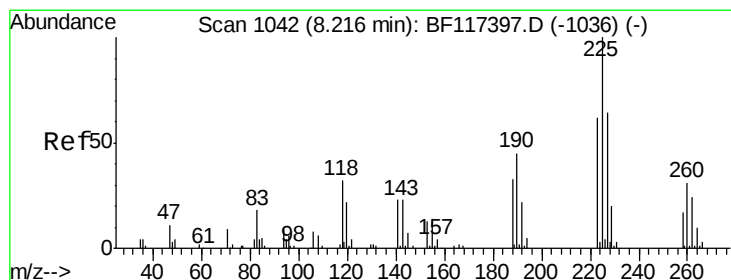
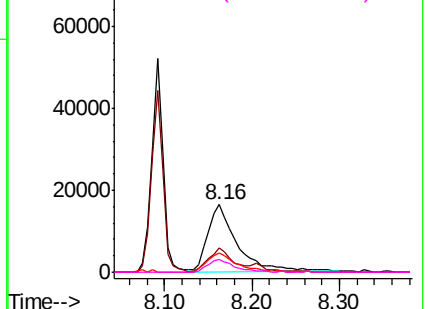
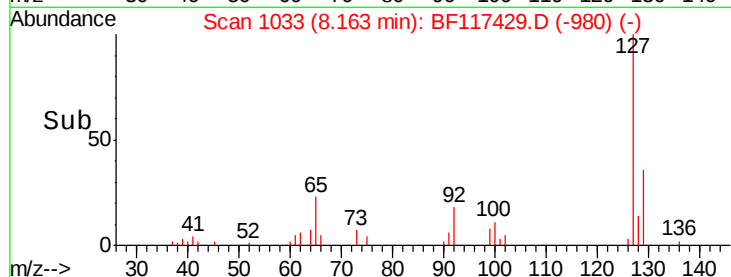
#33
4-Chloroaniline
Concen: 9.044 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:	127	Resp:	37450
Ion	Ratio	Lower	Upper
127	100		
129	35.5	25.4	38.0
65	29.1	23.8	35.8
92	18.2	15.3	22.9

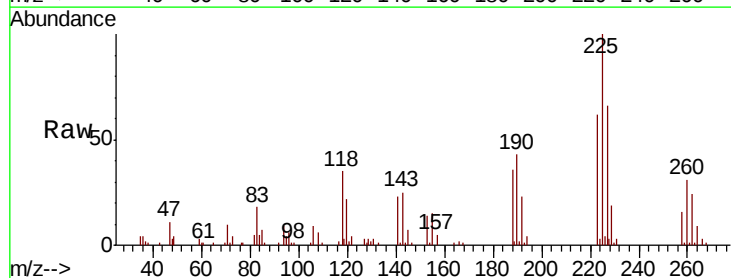


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

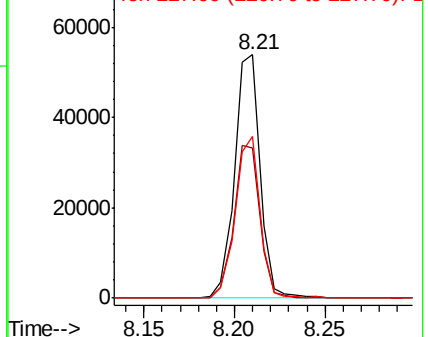
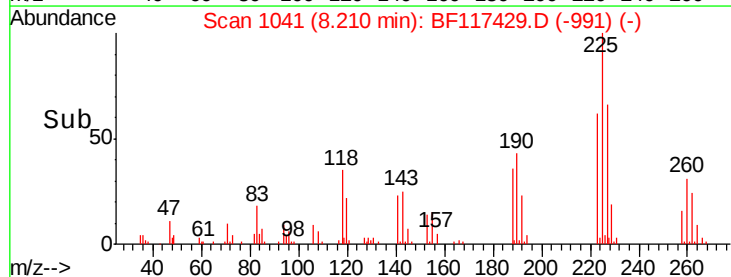


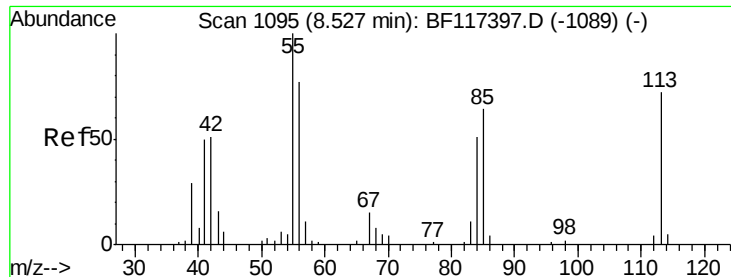
#34
Hexachlorobutadiene
Concen: 31.997 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:	225	Resp:	53034
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.7	74.5
227	66.2	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

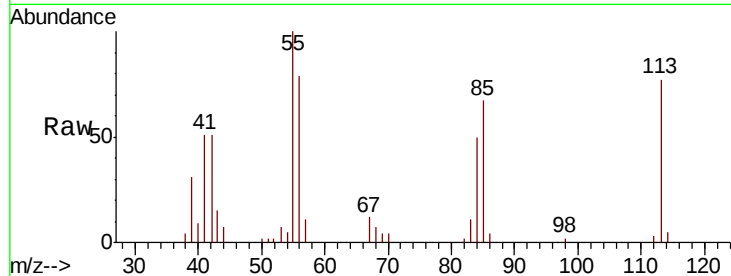




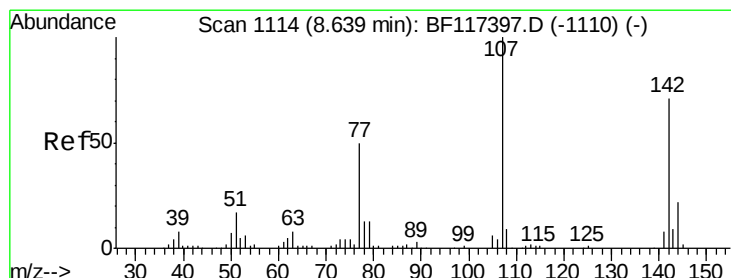
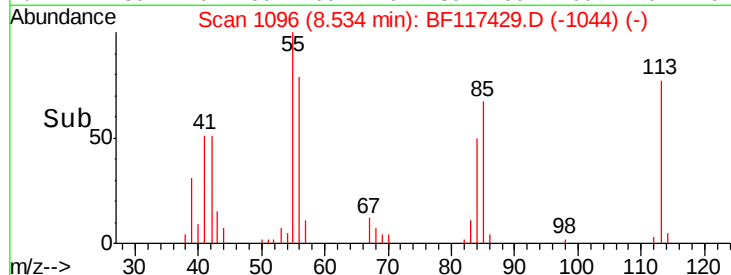
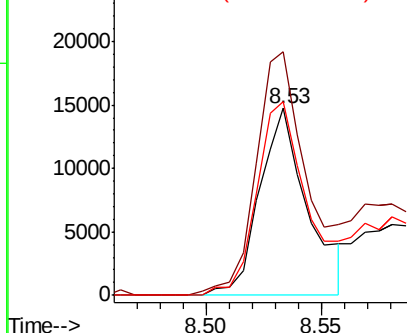
#35
Caprolactam
Concen: 25.246 ng
RT: 8.53 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:113 Resp: 21224
Ion Ratio Lower Upper
113 100
55 130.4 118.5 158.5
56 103.5 86.7 126.7

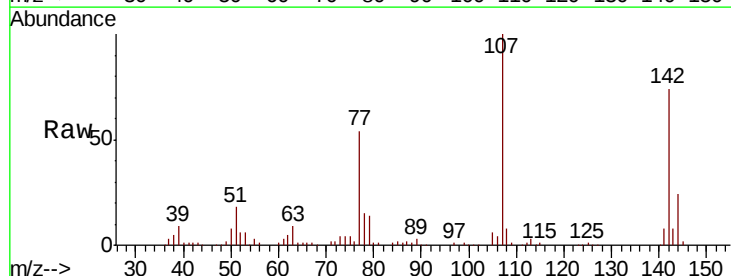


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

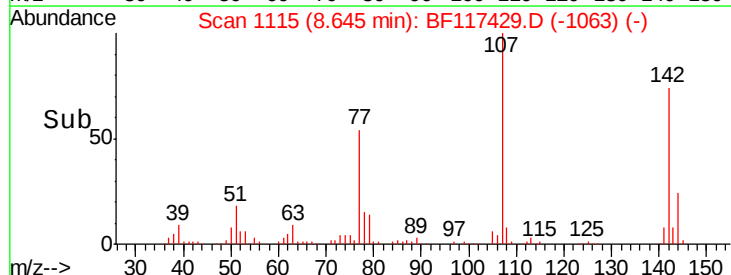
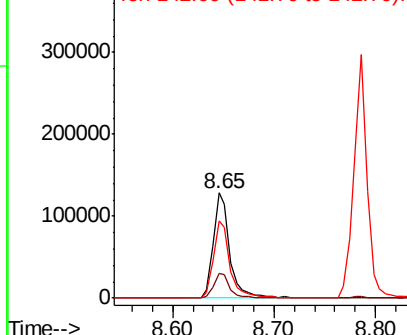


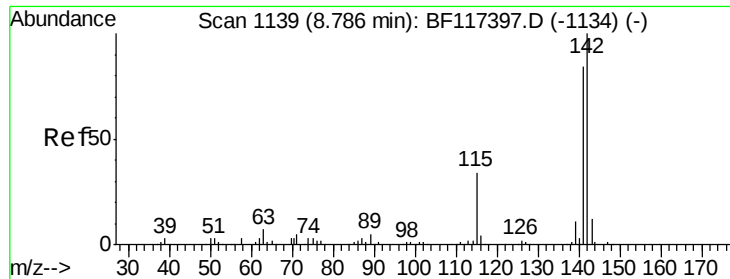
#36
4-Chloro-3-methylphenol
Concen: 47.450 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:107 Resp: 144946
Ion Ratio Lower Upper
107 100
144 23.5 17.9 26.9
142 73.6 56.9 85.3



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

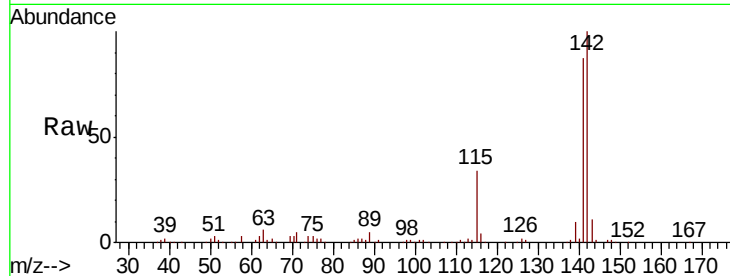




#37
2-Methylnaphthalene
Concen: 41.587 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	67.2	100.8
115	33.6	26.9	40.3

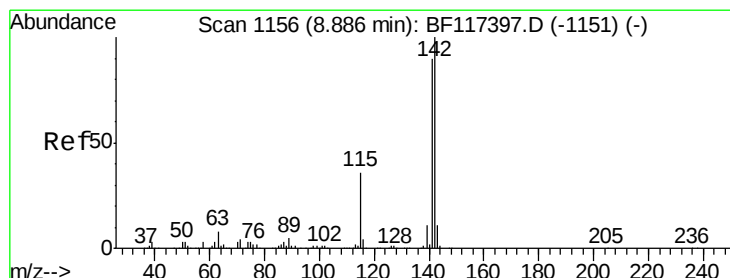
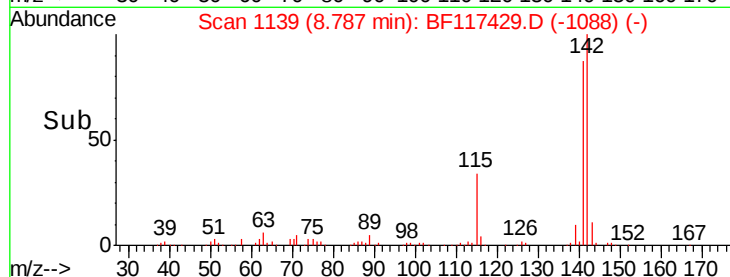
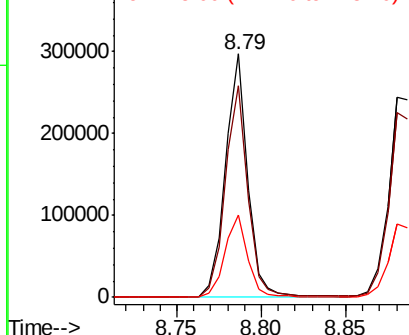


Abundance

Ion 142.00 (141.70 to 142.70): E

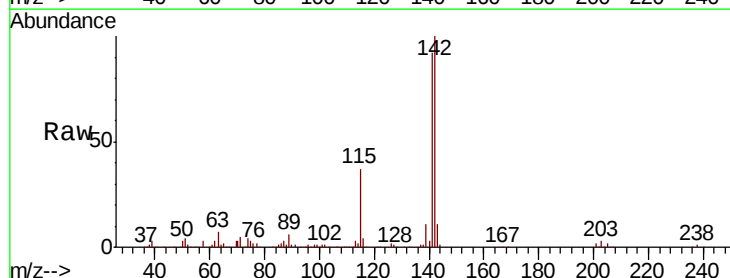
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.467 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.8	107.8
116	4.0	2.9	4.3

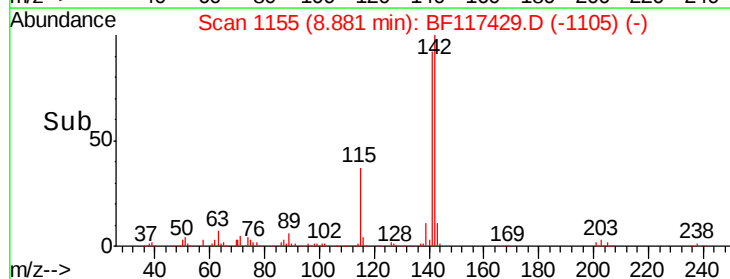
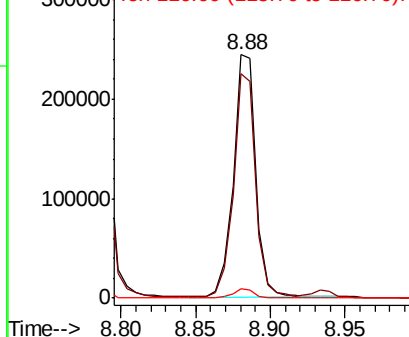


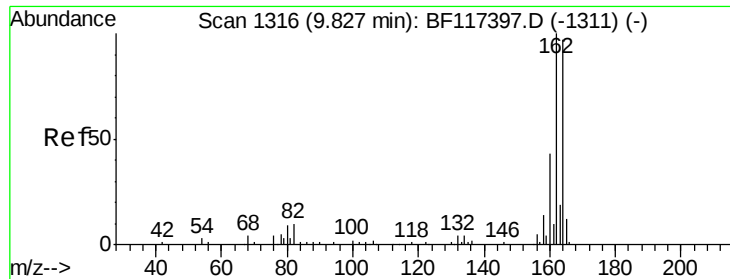
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

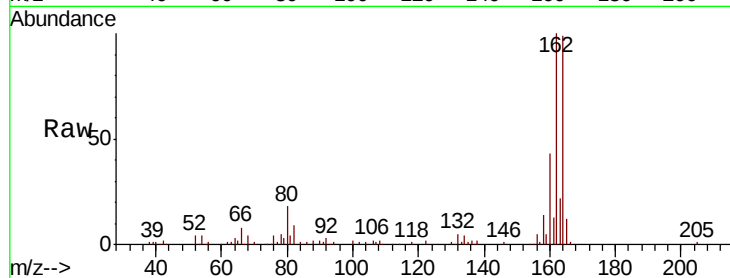
Tot Ion:164 Resp: 101119

Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

160 43.5 35.4 53.0

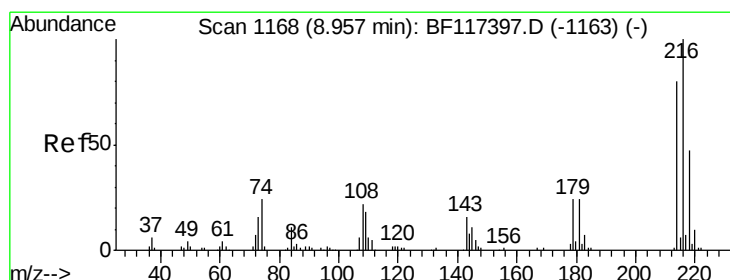
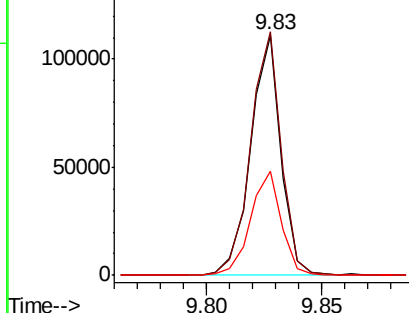
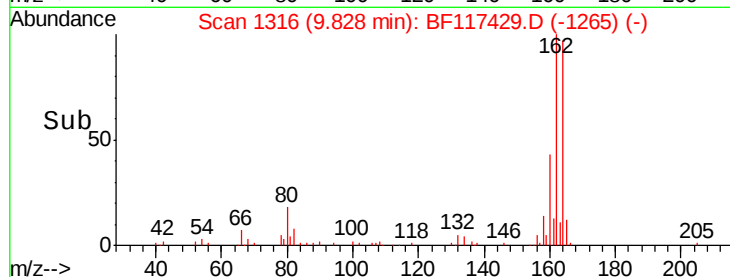


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.560 ng

RT: 8.96 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion:216 Resp: 107662

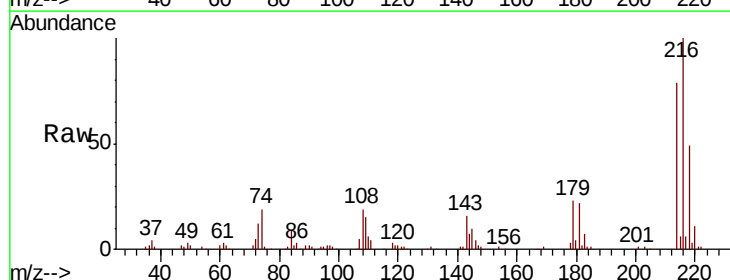
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.6

179 23.0 18.6 28.0

108 22.3 17.0 25.4



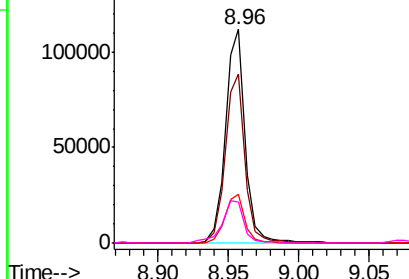
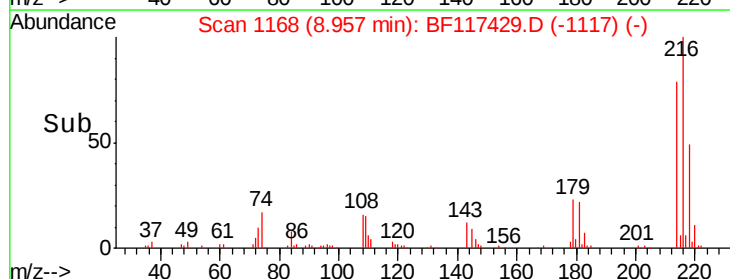
Abundance

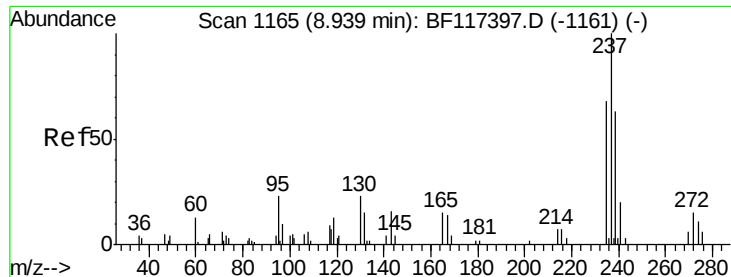
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.628 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

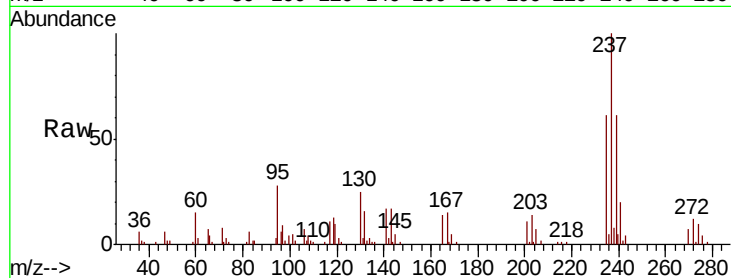
Tot Ion:237 Resp: 45040

Ion Ratio Lower Upper

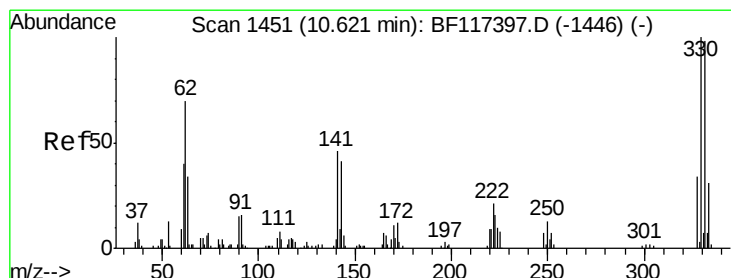
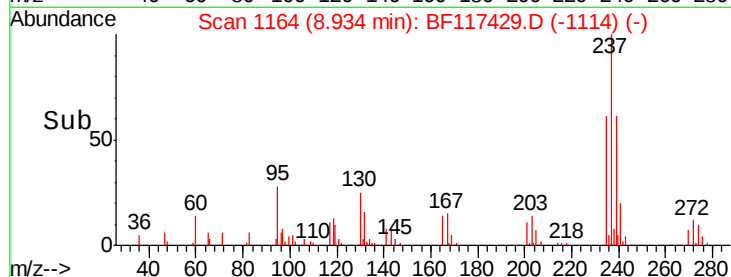
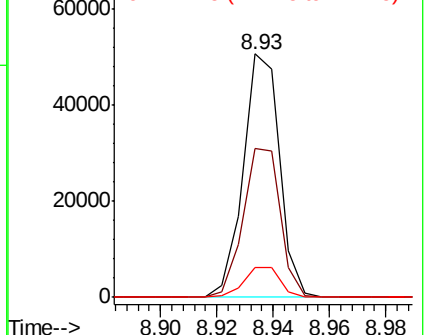
237 100

235 61.2 47.8 87.8

272 12.4 0.0 35.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 151.088 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

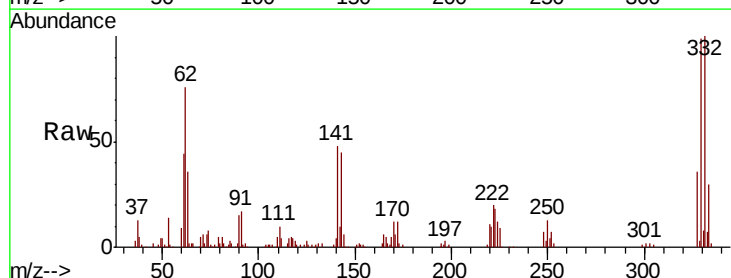
Tgt Ion:330 Resp: 124341

Ion Ratio Lower Upper

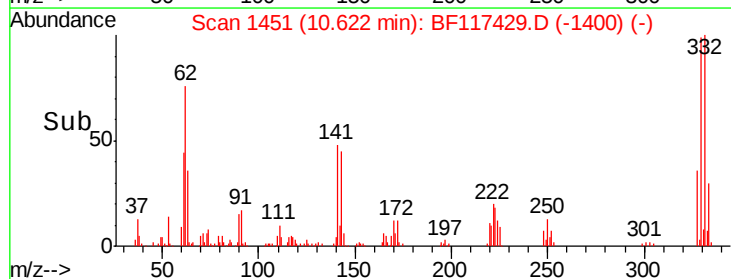
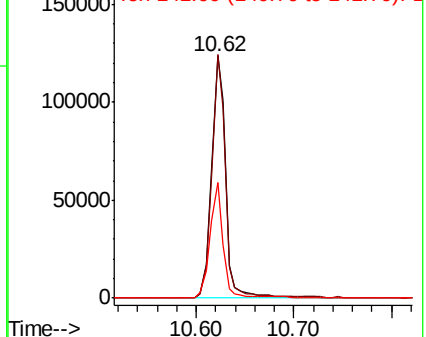
330 100

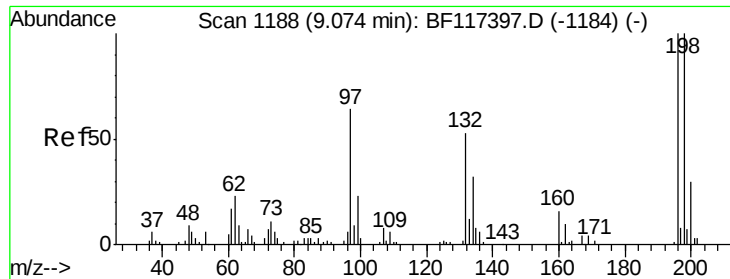
332 96.1 75.0 112.6

141 43.7 34.2 51.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

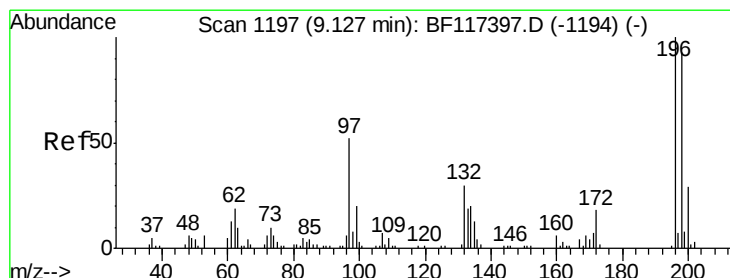
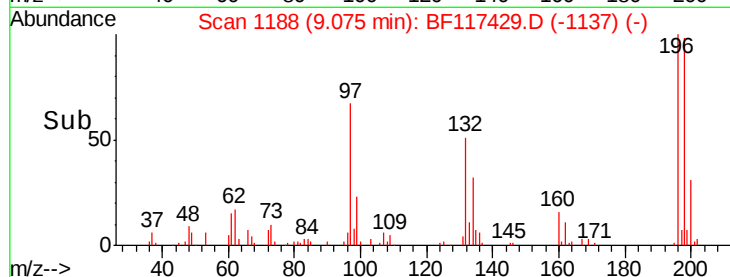
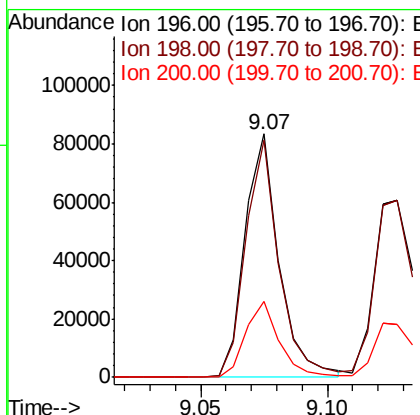
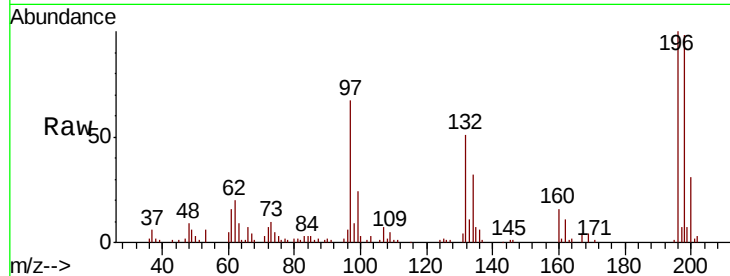




#43
 2,4,6-Trichlorophenol
 Concen: 45.521 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

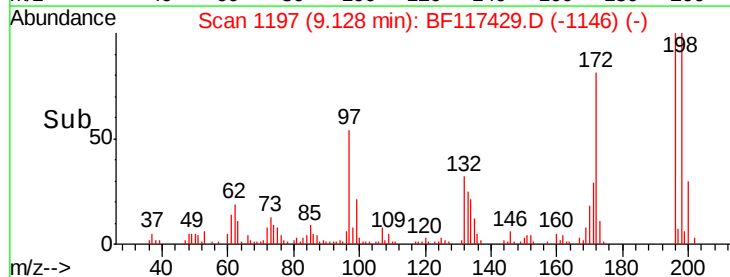
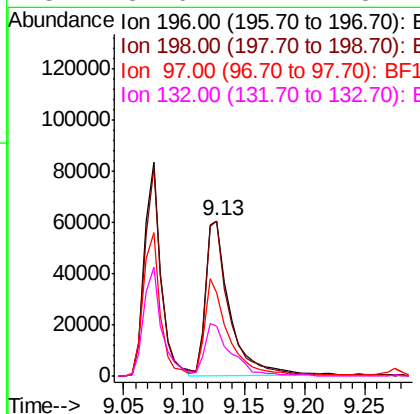
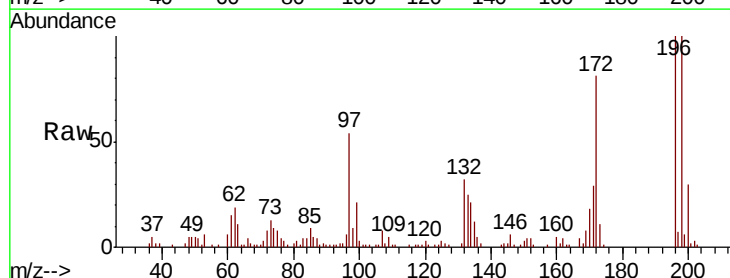
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

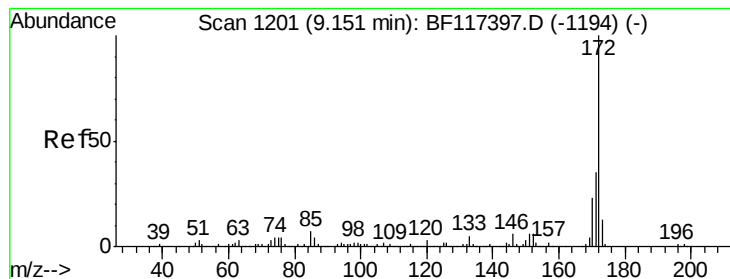
Tot Ion:196 Resp: 78400
 Ion Ratio Lower Upper
 196 100
 198 97.5 79.8 119.6
 200 31.0 23.7 35.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.791 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:196 Resp: 83958
 Ion Ratio Lower Upper
 196 100
 198 100.2 74.9 112.3
 97 54.1 42.5 63.7
 132 32.6 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 88.903 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

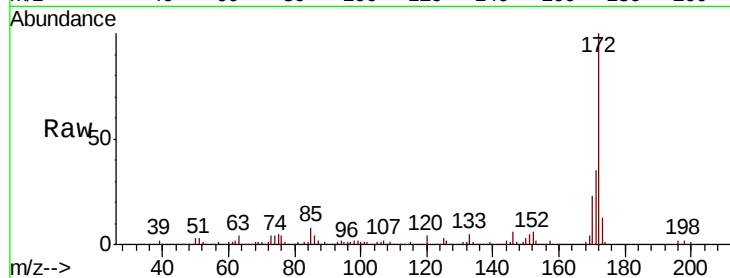
Tot Ion:172 Resp: 616638

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

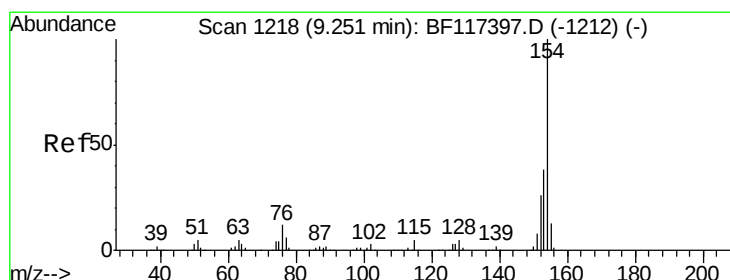
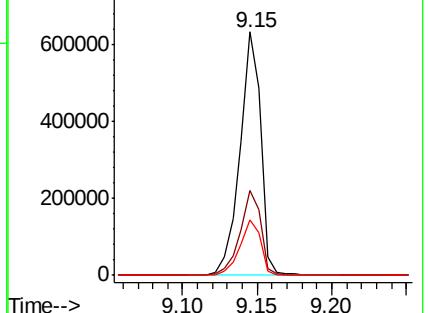
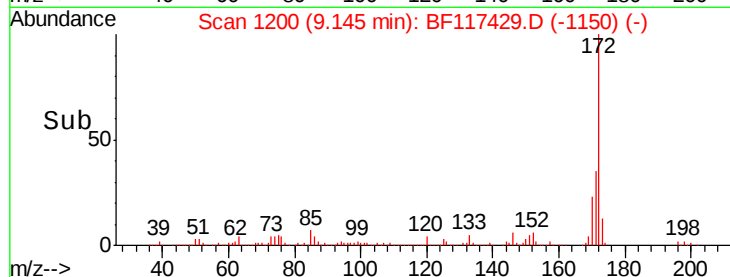
170 22.9 18.2 27.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.318 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

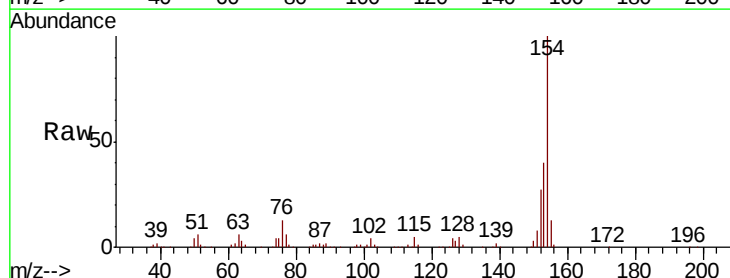
Tgt Ion:154 Resp: 341324

Ion Ratio Lower Upper

154 100

153 40.3 18.3 58.3

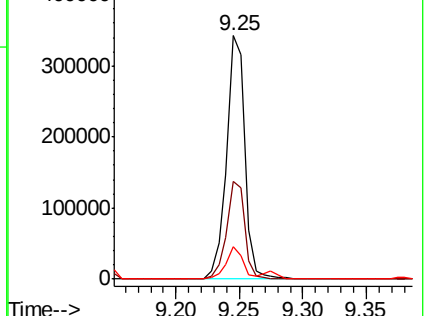
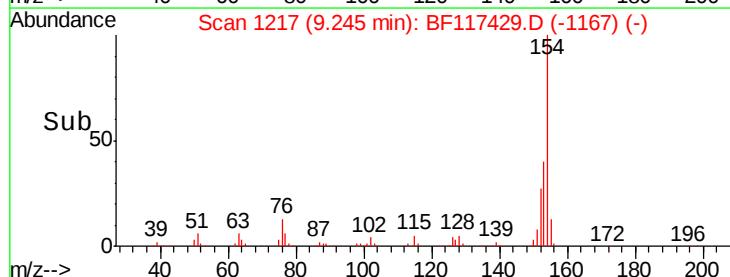
76 13.3 0.0 32.3

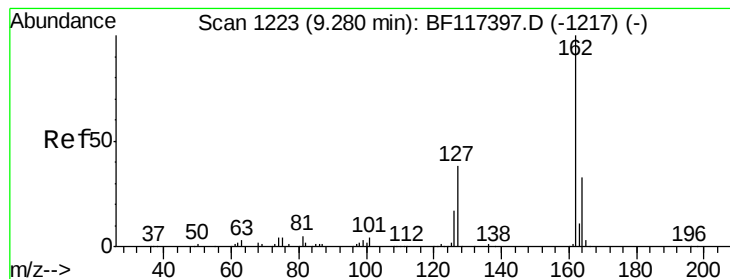


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.759 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

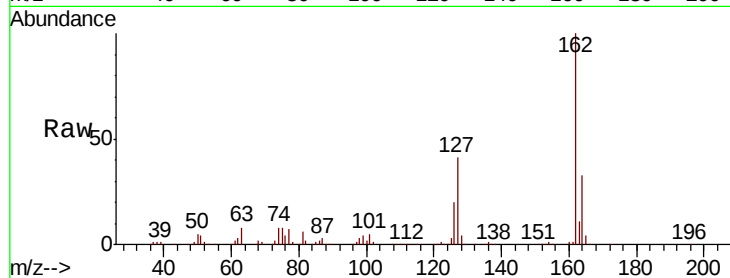
Tot Ion:162 Resp: 262471

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

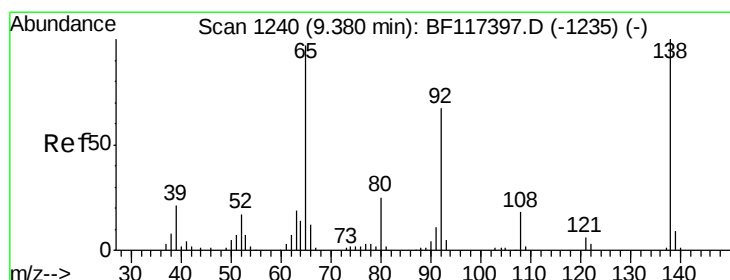
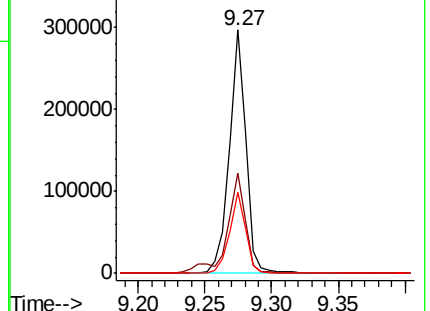
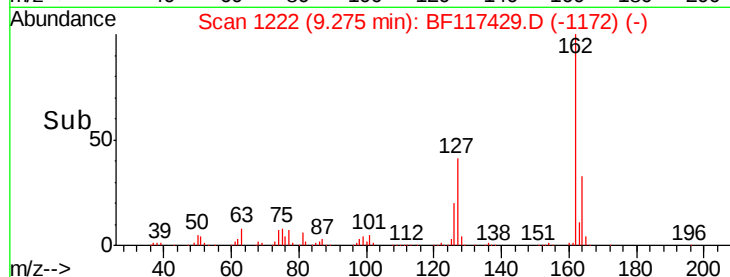
164 33.4 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.633 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

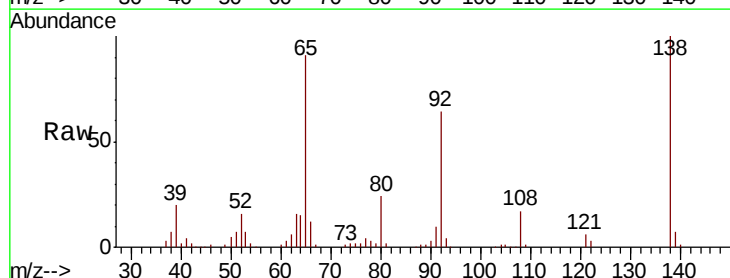
Tgt Ion: 65 Resp: 89651

Ion Ratio Lower Upper

65 100

92 70.4 55.4 83.0

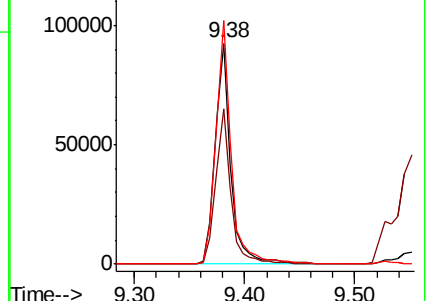
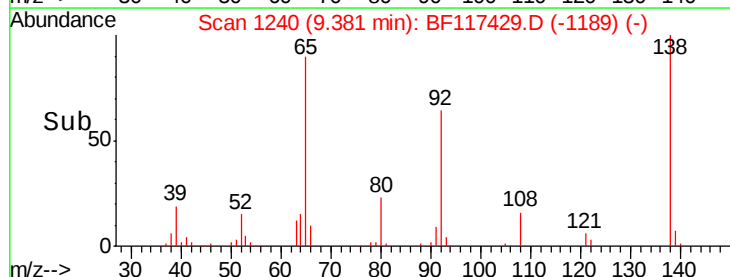
138 110.4 82.6 124.0

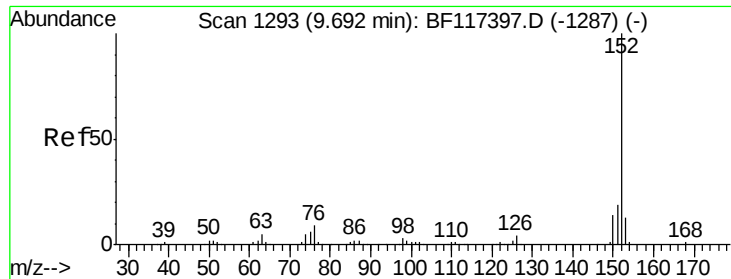


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.139 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

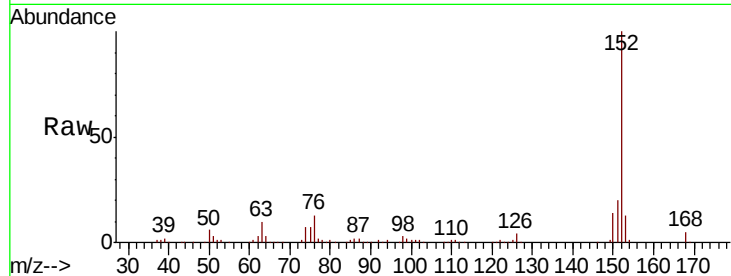
Tot Ion:152 Resp: 416691

Ion Ratio Lower Upper

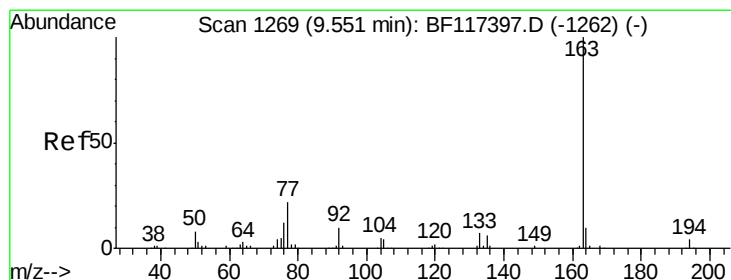
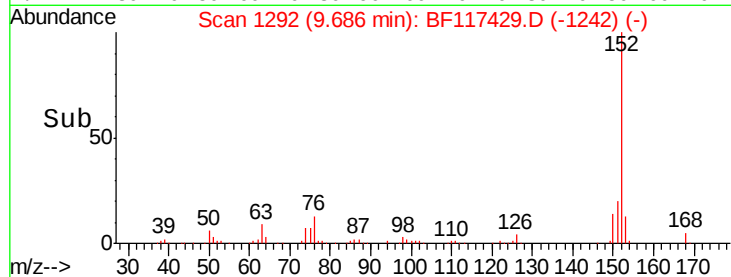
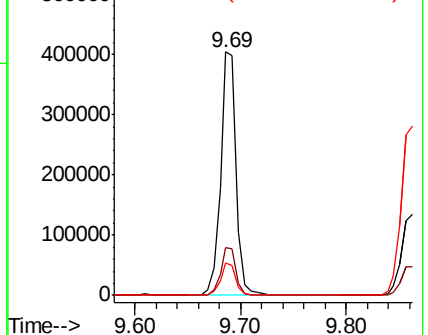
152 100

151 19.9 15.5 23.3

153 13.2 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.658 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

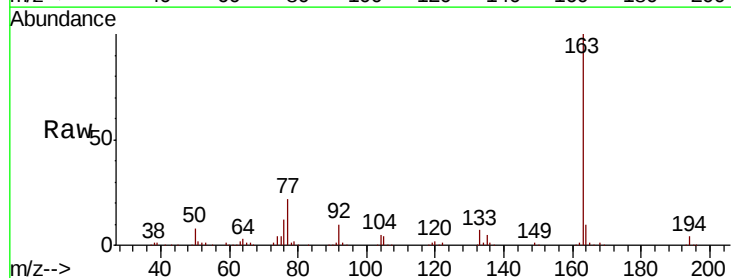
Tgt Ion:163 Resp: 411460

Ion Ratio Lower Upper

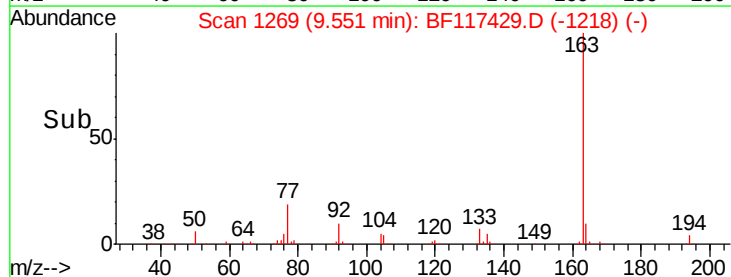
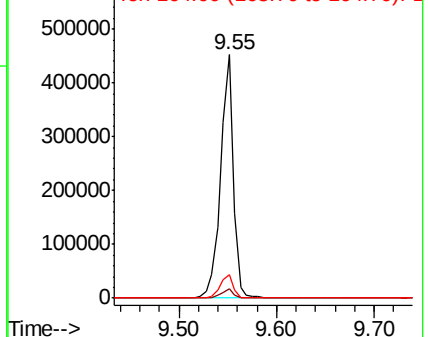
163 100

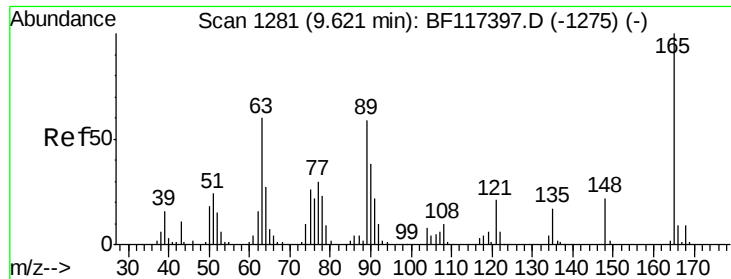
194 3.6 3.1 4.7

164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

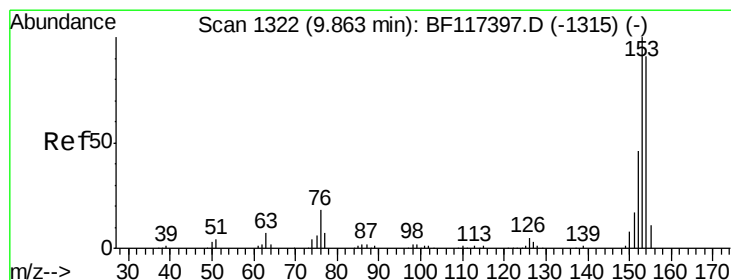
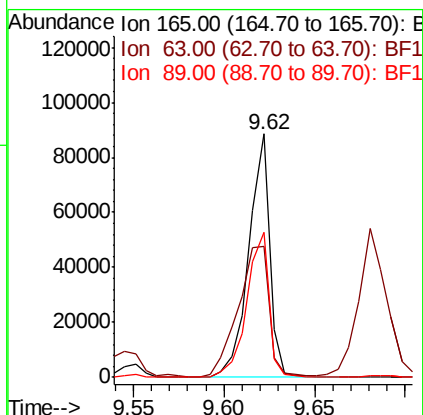
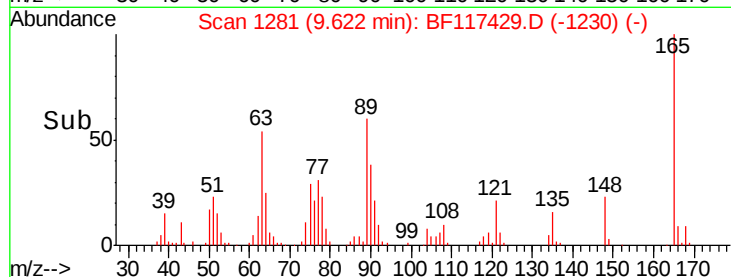
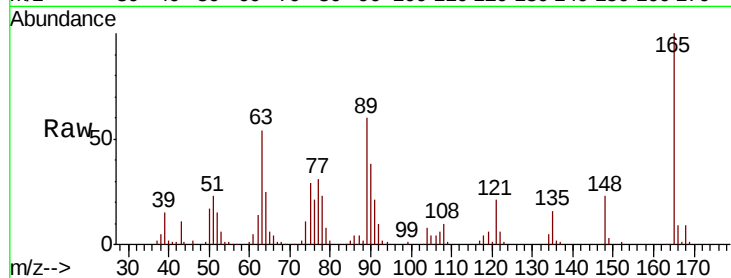




#51
2,6-Dinitrotoluene
Concen: 46.906 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

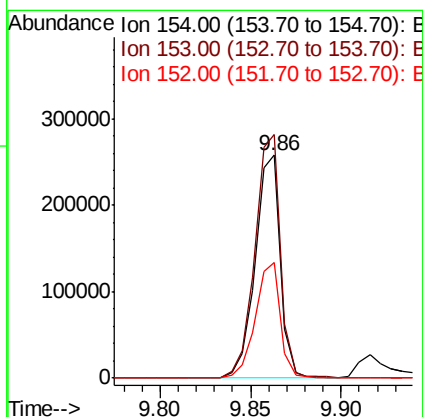
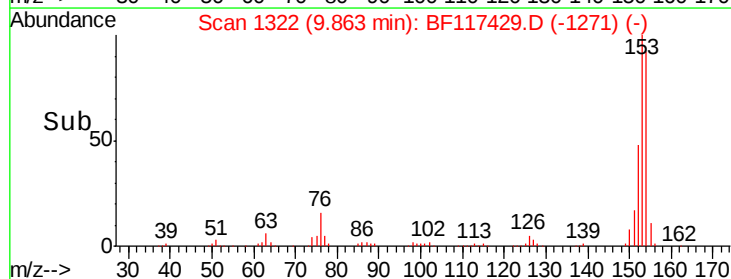
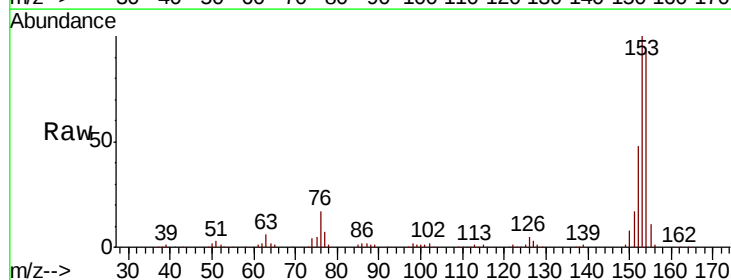
Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

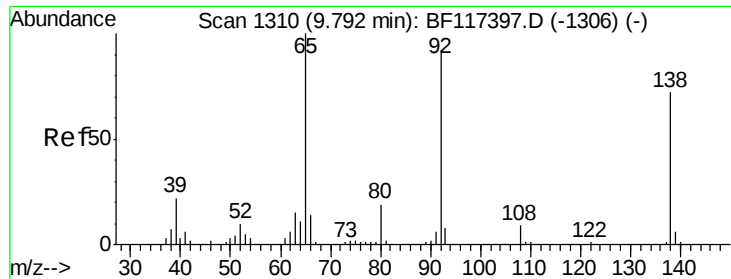
Tot Ion:165 Resp: 71599
Ion Ratio Lower Upper
165 100
63 53.6 47.8 71.6
89 59.6 47.4 71.0



#52
Acenaphthene
Concen: 43.512 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:154 Resp: 249601
Ion Ratio Lower Upper
154 100
153 109.2 87.9 131.9
152 52.0 40.8 61.2

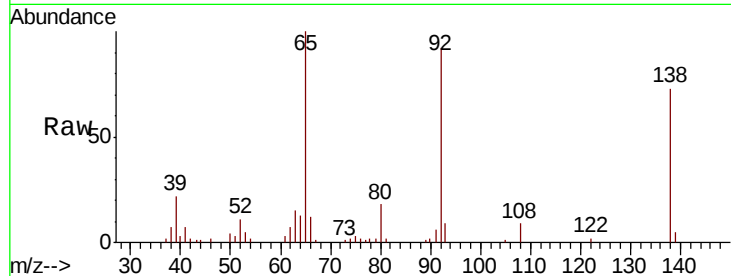




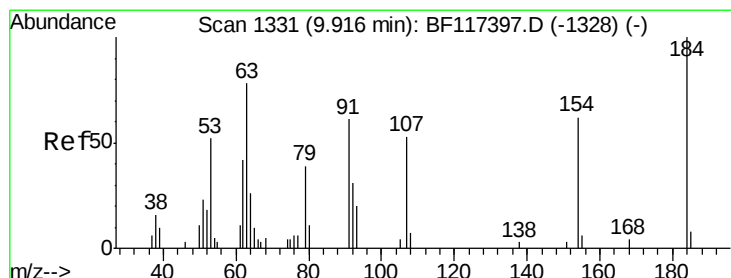
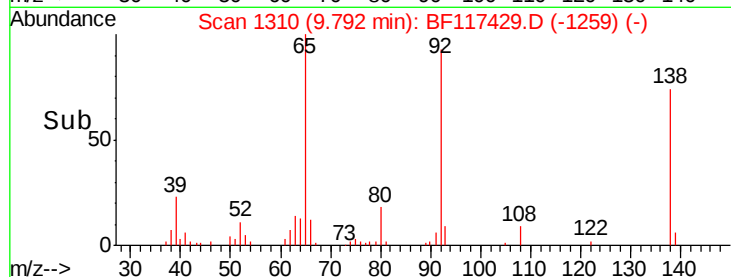
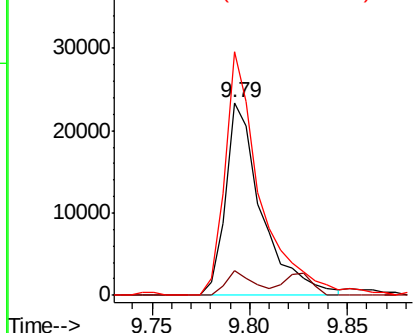
#53
3-Nitroaniline
Concen: 16.120 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:138 Resp: 30048
Ion Ratio Lower Upper
138 100
108 12.5 9.5 14.3
92 126.4 102.2 153.4

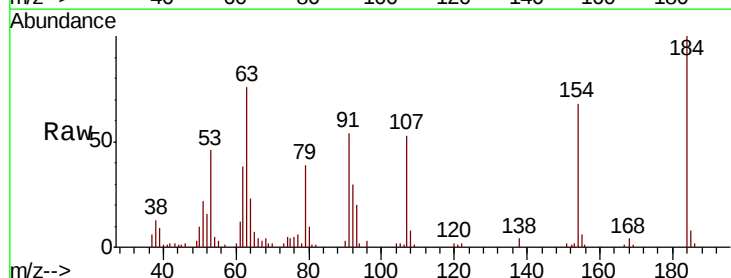


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

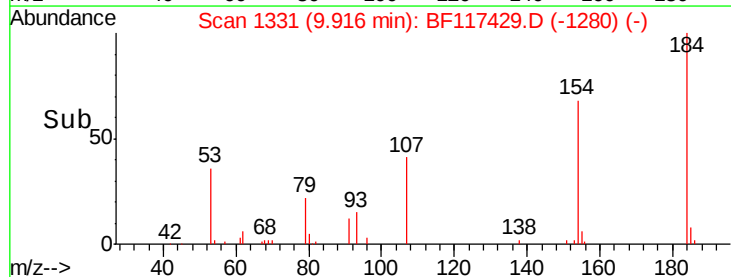
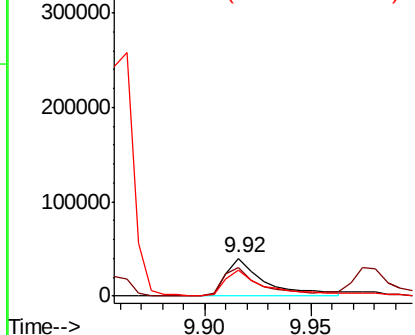


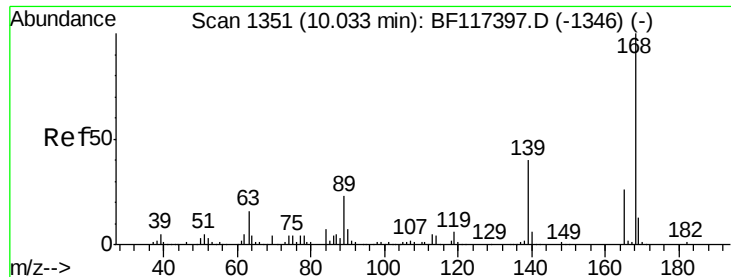
#54
2,4-Dinitrophenol
Concen: 78.329 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:184 Resp: 51140
Ion Ratio Lower Upper
184 100
63 75.7 62.4 93.6
154 68.2 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

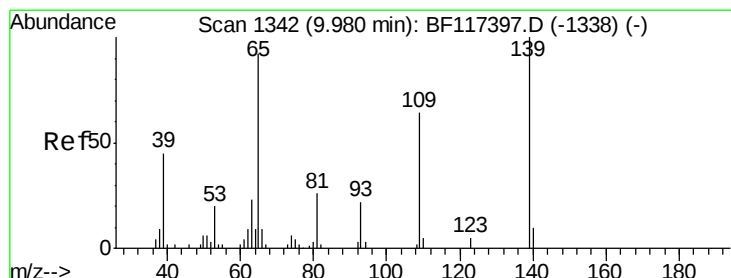
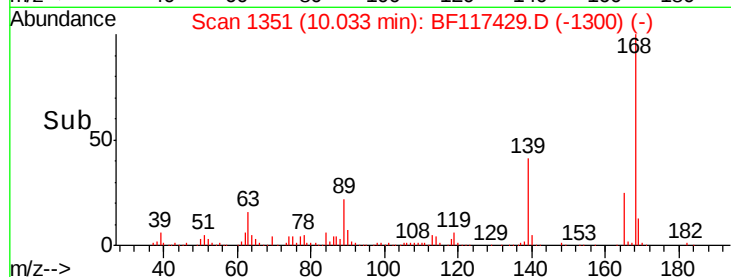
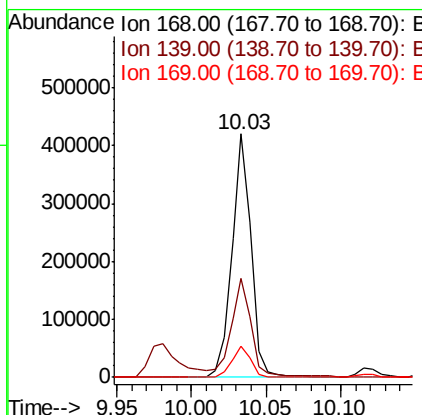
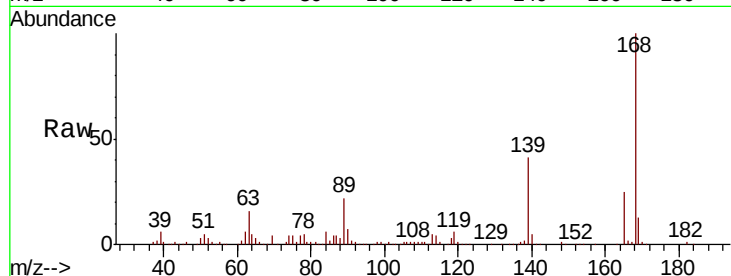




#55
Dibenzenofuran
Concen: 45.470 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

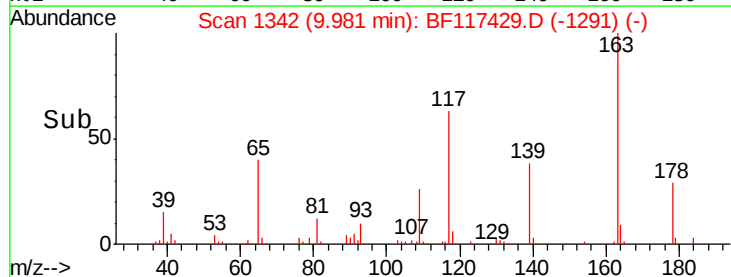
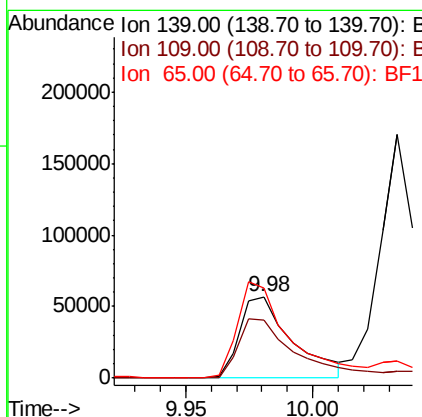
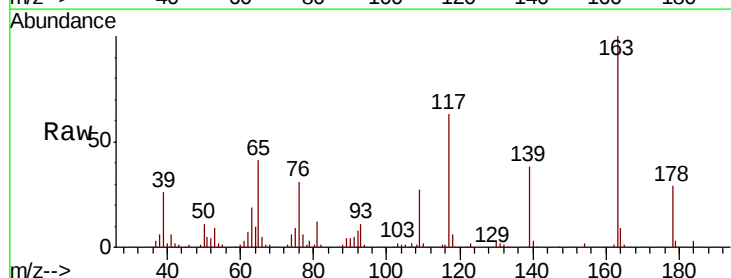
Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

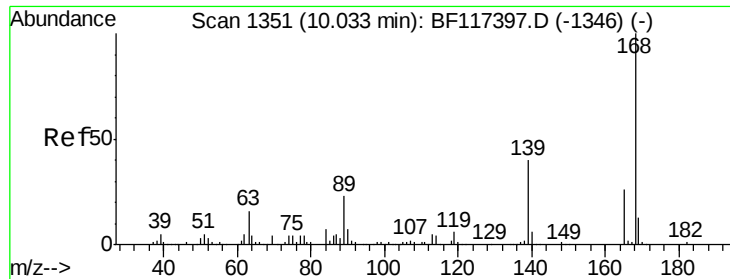
Tot Ion:168 Resp: 380488
Ion Ratio Lower Upper
168 100
139 40.5 33.3 49.9
169 12.8 10.7 16.1



#56
4-Nitrophenol
Concen: 96.562 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:139 Resp: 82145
Ion Ratio Lower Upper
139 100
109 70.7 43.8 83.8
65 110.2 73.9 113.9

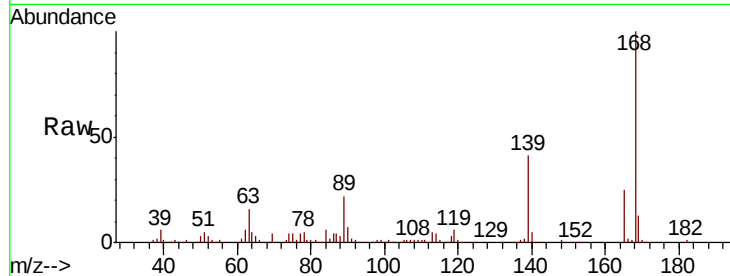




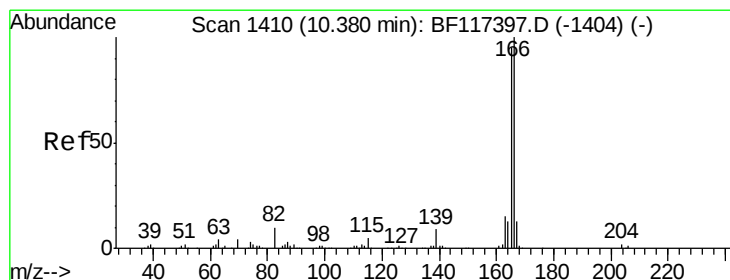
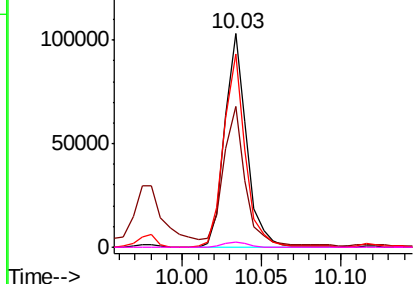
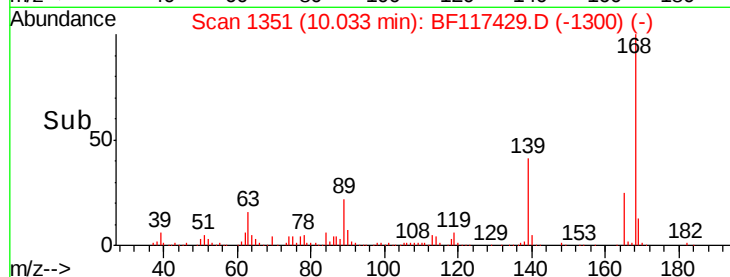
#57
2,4-Dinitrotoluene
Concen: 48.988 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:165 Resp: 98668
Ion Ratio Lower Upper
165 100
63 66.1 51.0 76.4
89 90.5 70.7 106.1
182 2.6 2.1 3.1

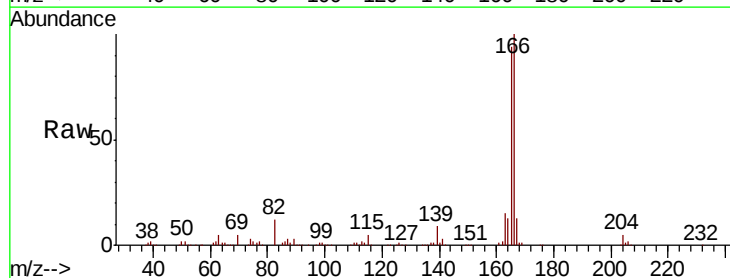


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

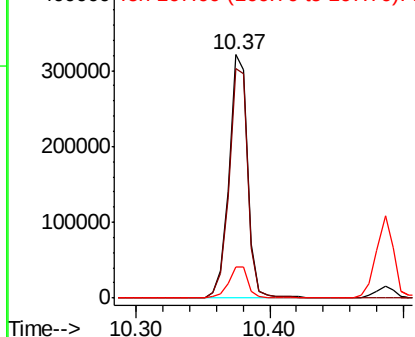
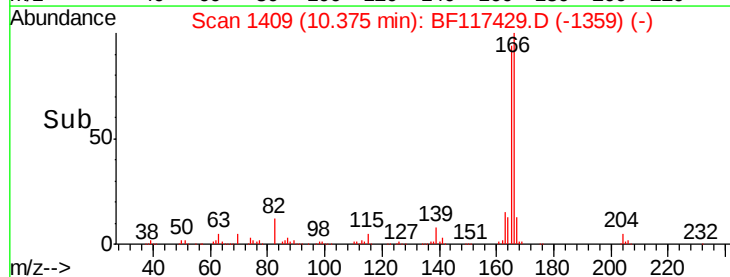


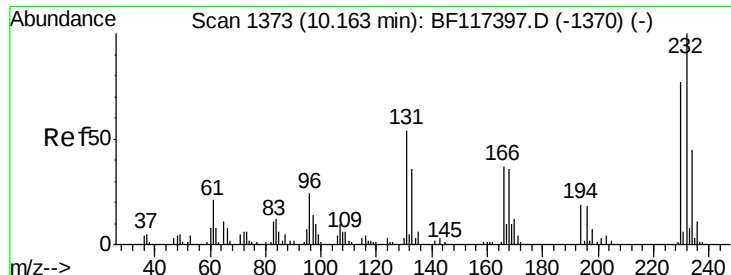
#58
Fluorene
Concen: 45.706 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:166 Resp: 318455
Ion Ratio Lower Upper
166 100
165 94.2 75.7 113.5
167 12.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

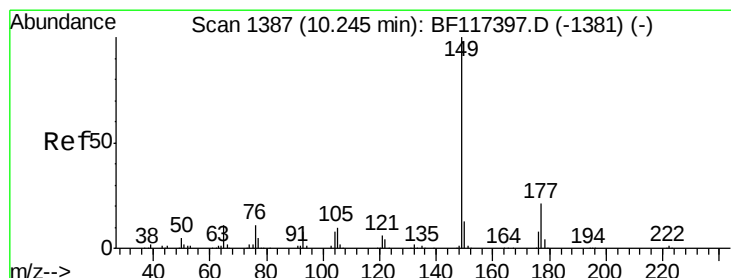
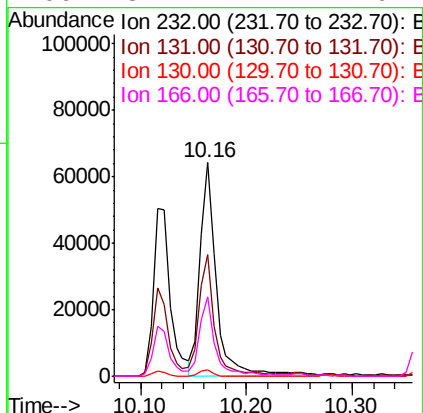
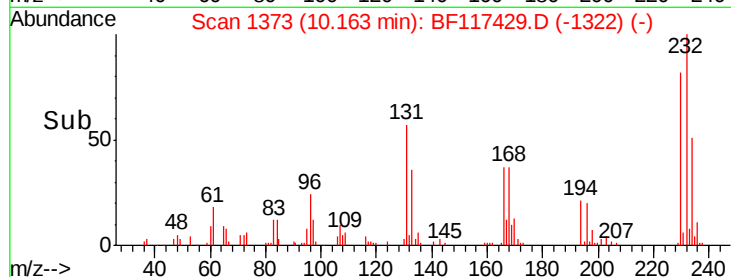
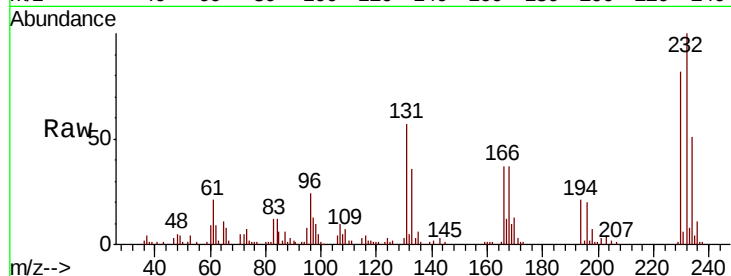




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.407 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

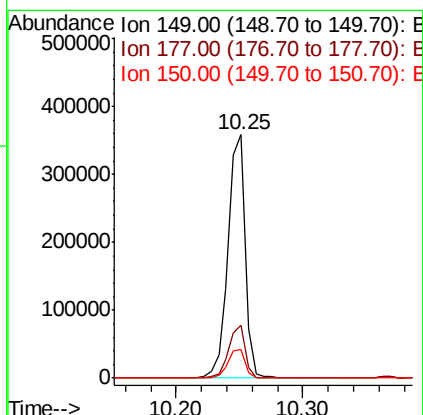
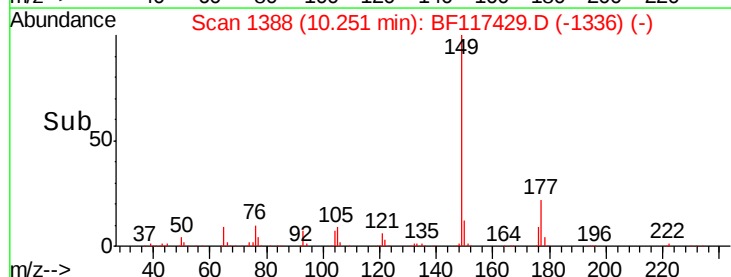
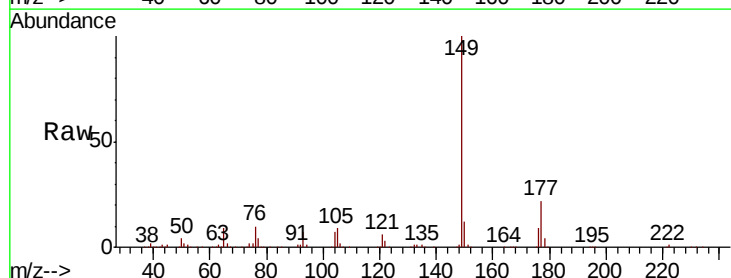
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

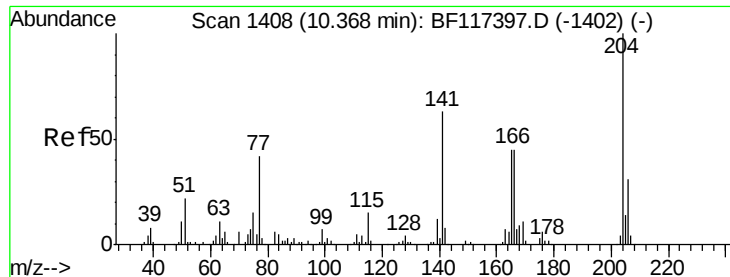
Tot Ion:	232	Resp:	67100
Ion	Ratio	Lower	Upper
232	100		
131	53.5	44.5	66.7
130	2.6	2.0	3.0
166	34.2	27.1	40.7



#60
 Diethylphthalate
 Concen: 46.049 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:	149	Resp:	337089
Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.5	24.7
150	11.8	10.1	15.1

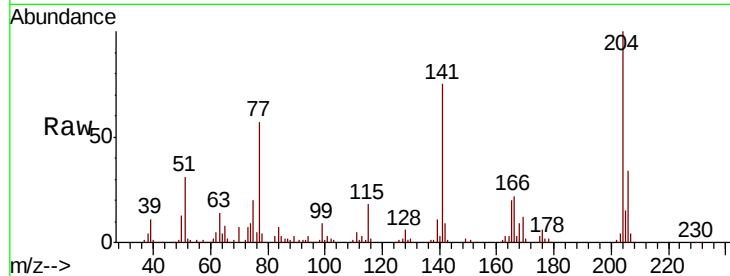




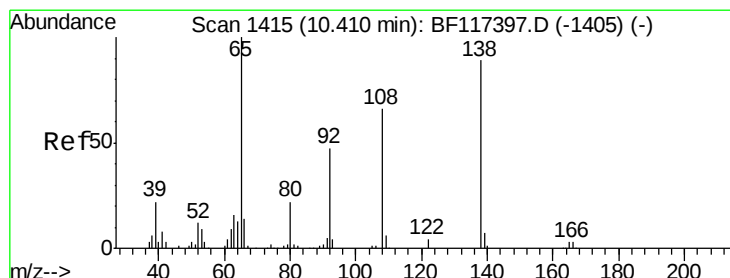
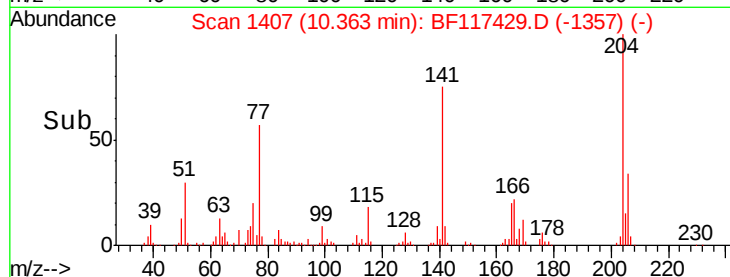
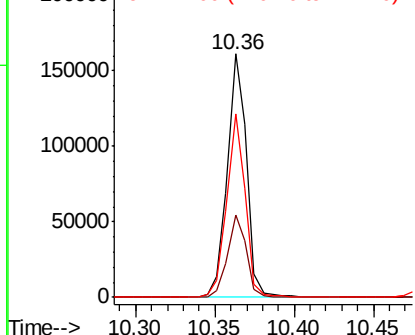
#61
4-Chlorophenyl-phenylether
Concen: 43.963 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:204 Resp: 135615
Ion Ratio Lower Upper
204 100
206 33.9 25.0 37.4
141 75.5 50.7 76.1

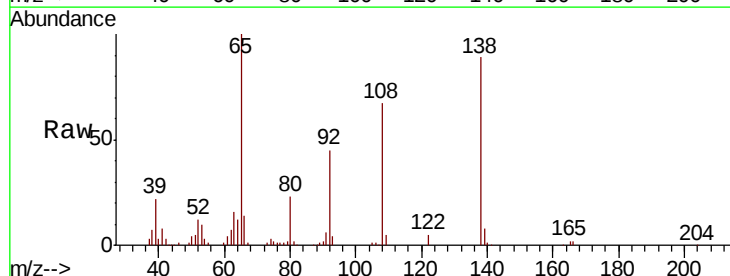


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

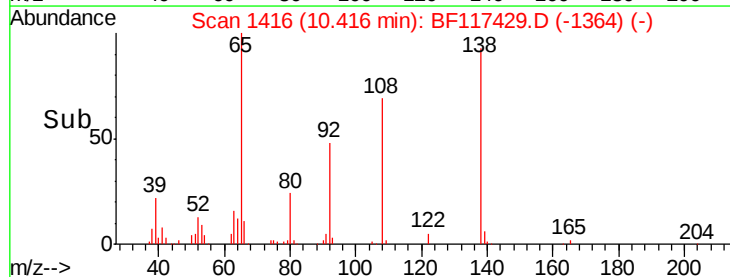
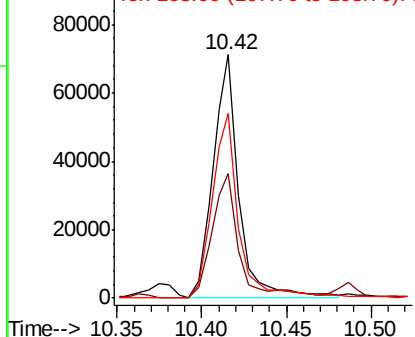


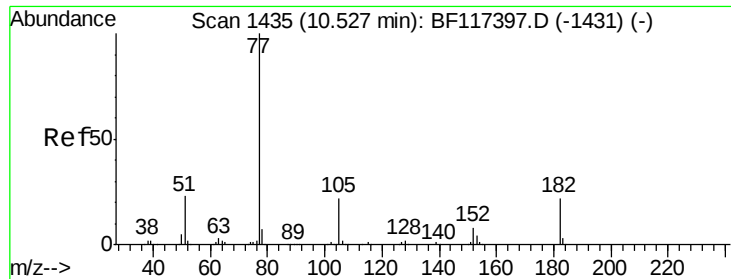
#62
4-Nitroaniline
Concen: 43.016 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:138 Resp: 76219
Ion Ratio Lower Upper
138 100
92 51.2 32.4 72.4
108 75.9 53.8 93.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.289 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

Tot Ion: 77 Resp: 347685

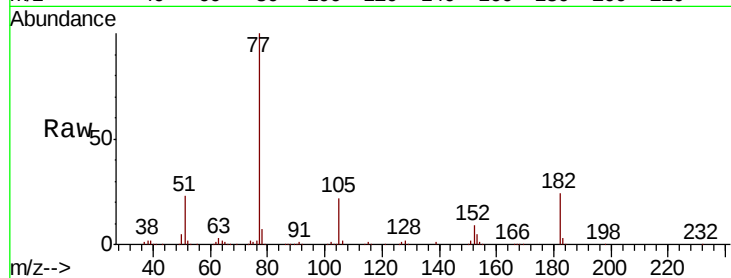
Ion Ratio Lower Upper

77 100

182 23.6 1.5 41.5

105 21.8 1.8 41.8

51 23.3 3.3 43.3

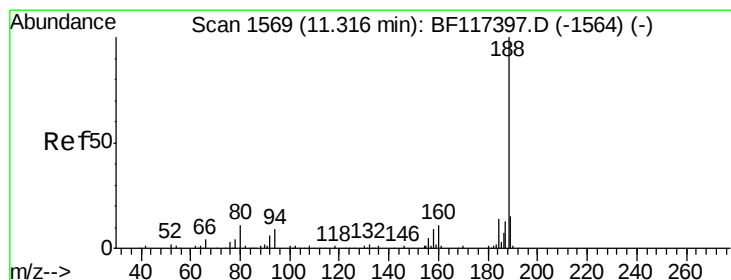
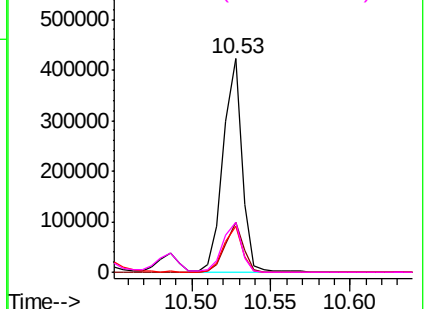
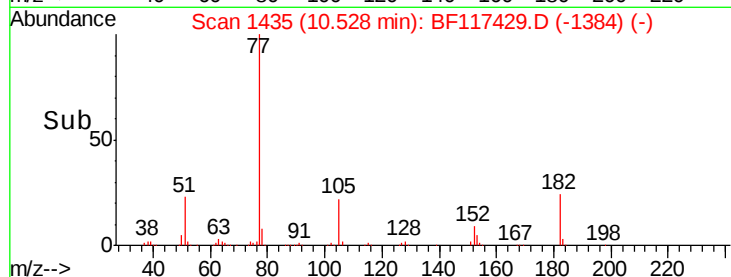


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

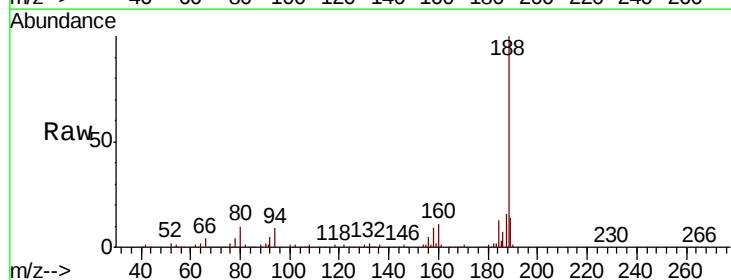
Tgt Ion: 188 Resp: 173632

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

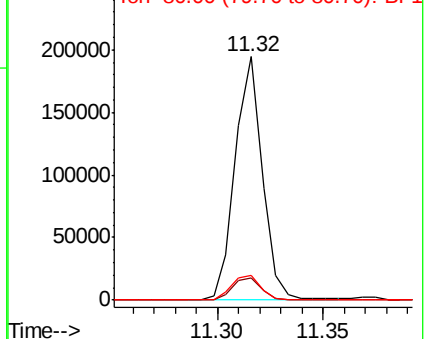
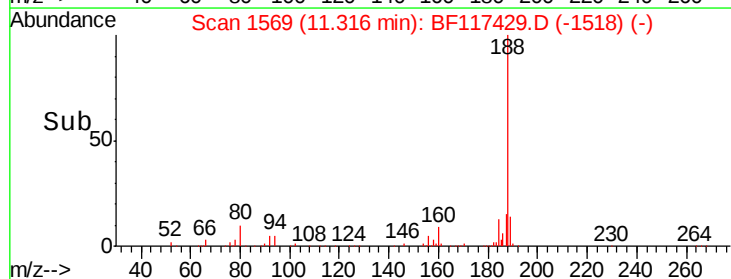
80 10.2 8.7 13.1

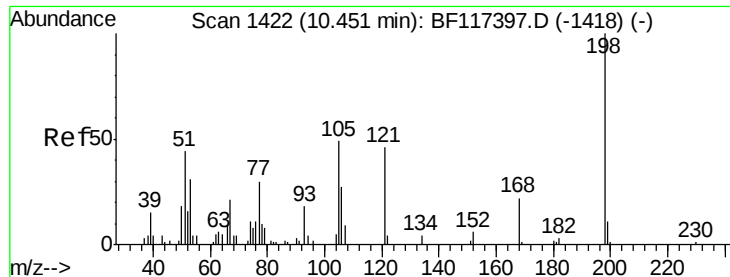


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.057 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

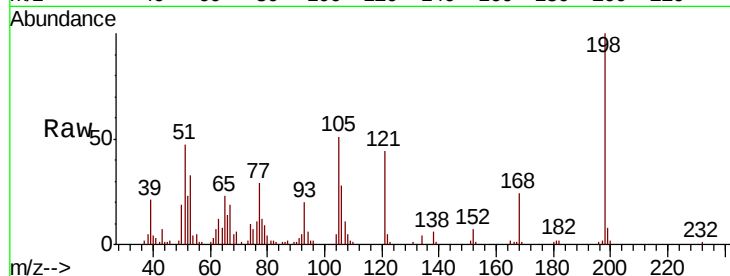
Tot Ion:198 Resp: 41442

Ion Ratio Lower Upper

198 100

51 46.7 25.9 65.9

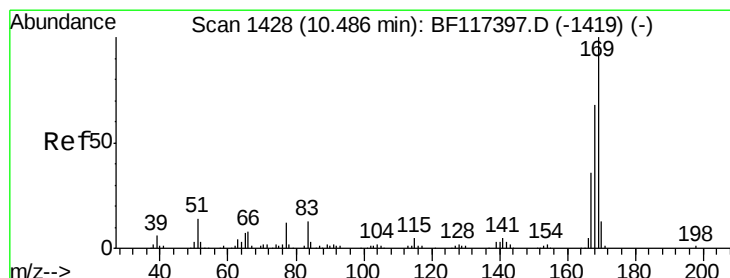
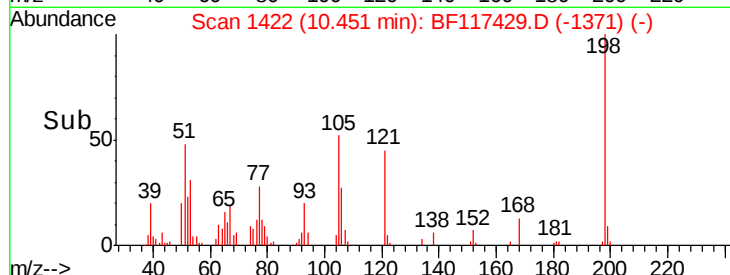
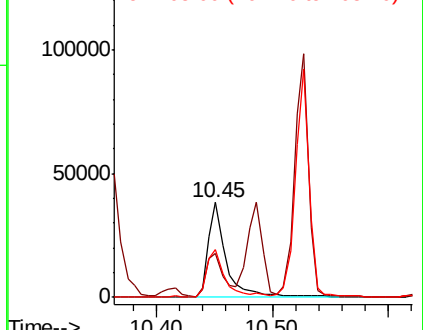
105 50.5 29.4 69.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.654 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

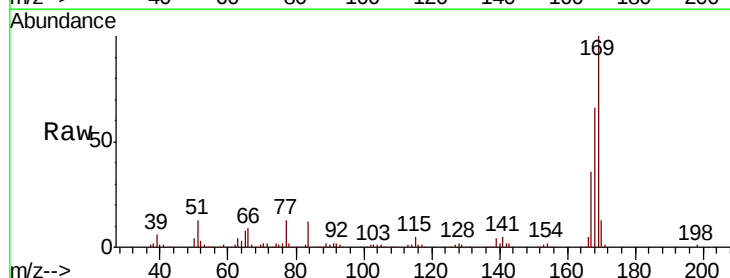
Tgt Ion:169 Resp: 276670

Ion Ratio Lower Upper

169 100

168 66.0 54.1 81.1

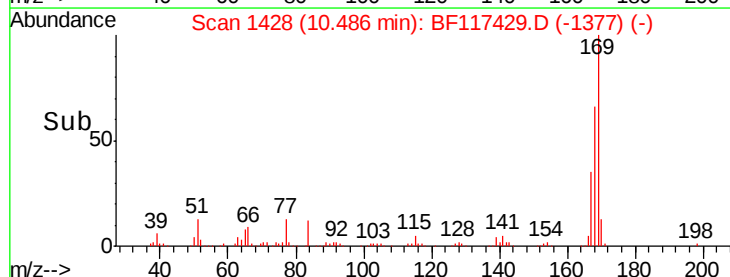
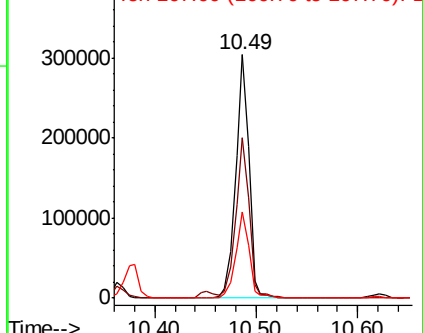
167 35.5 28.8 43.2

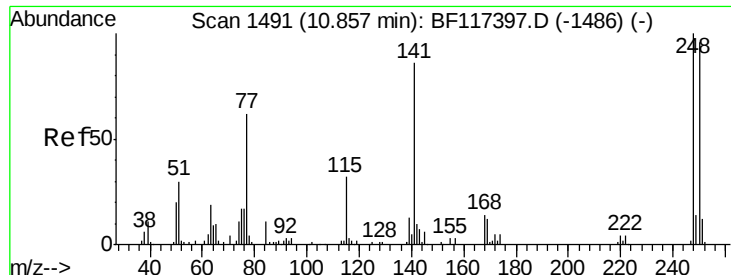


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

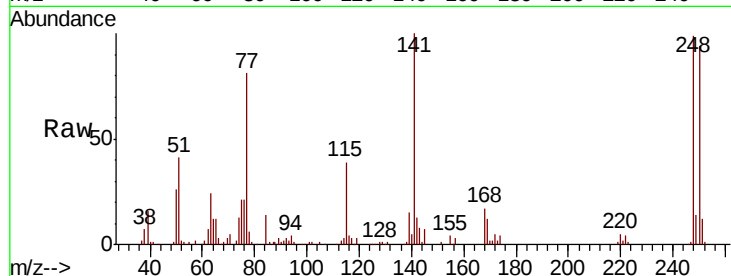




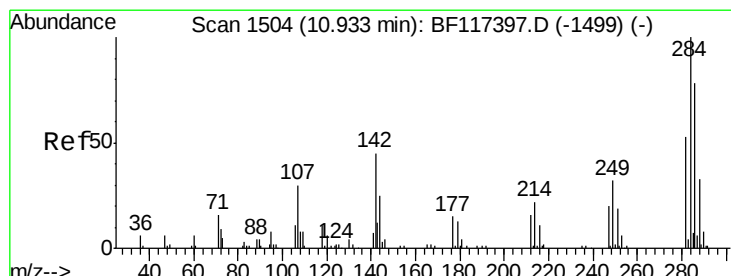
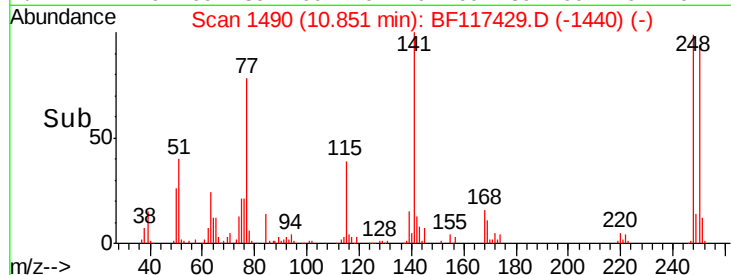
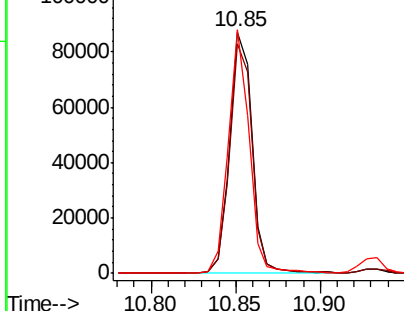
#67
 4-Bromophenyl-phenylether
 Concen: 41.978 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Tot Ion:248 Resp: 79945
 Ion Ratio Lower Upper
 248 100
 250 95.3 77.1 115.7
 141 100.9 69.1 103.7

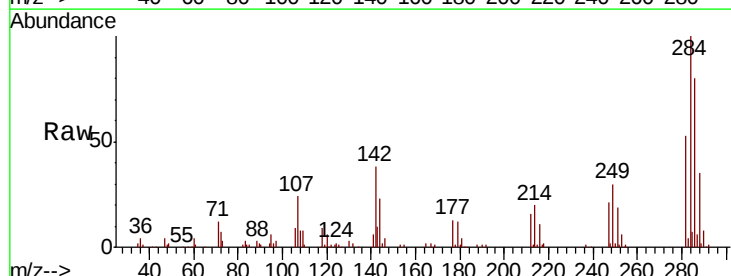


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

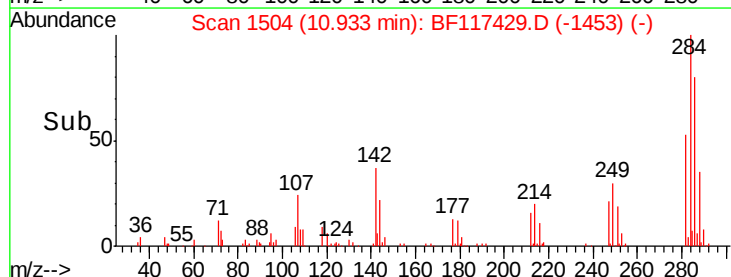
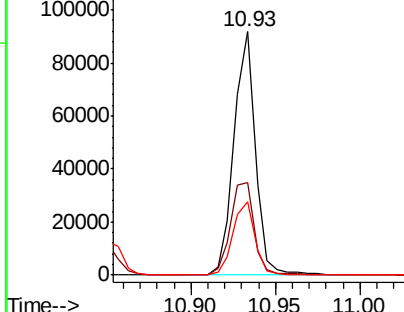


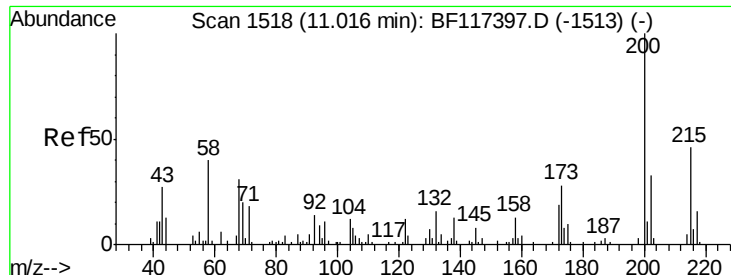
#68
 Hexachlorobenzene
 Concen: 39.599 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:284 Resp: 80991
 Ion Ratio Lower Upper
 284 100
 142 38.0 35.7 53.5
 249 30.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 71.945 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

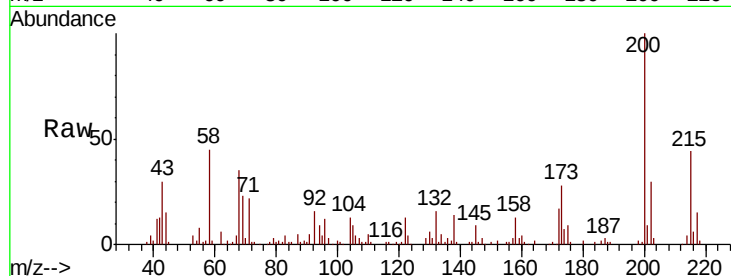
Tot Ion:200 Resp: 75671

Ion Ratio Lower Upper

200 100

173 28.3 8.0 48.0

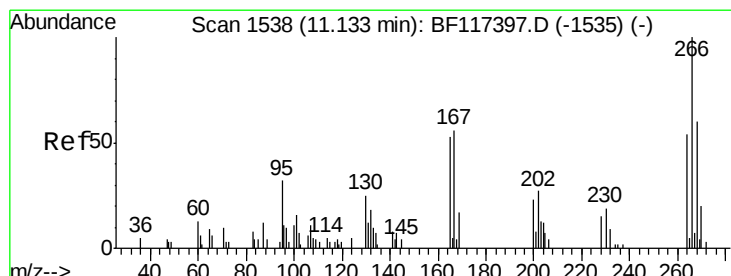
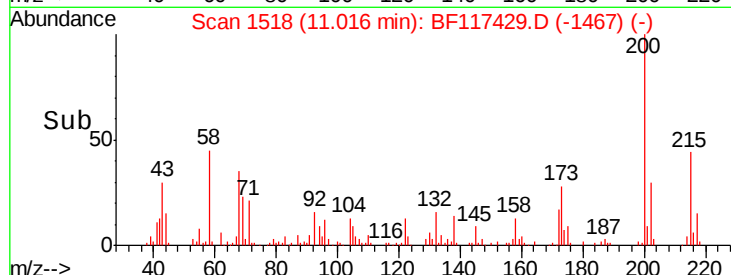
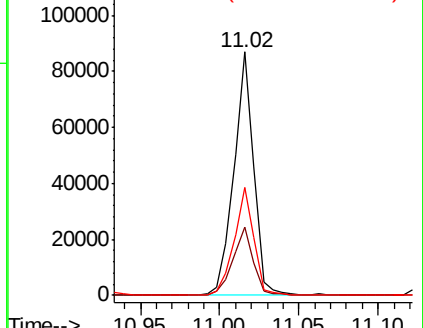
215 44.4 25.8 65.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 119.219 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

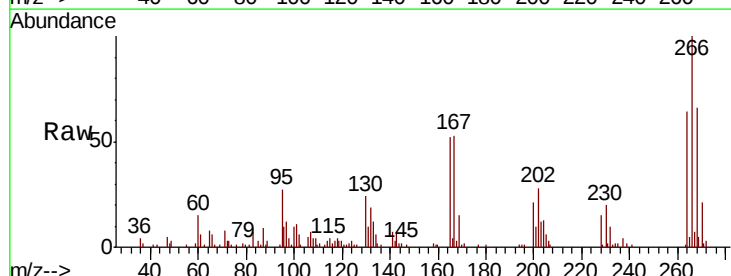
Tgt Ion:266 Resp: 72947

Ion Ratio Lower Upper

266 100

268 66.2 47.8 71.6

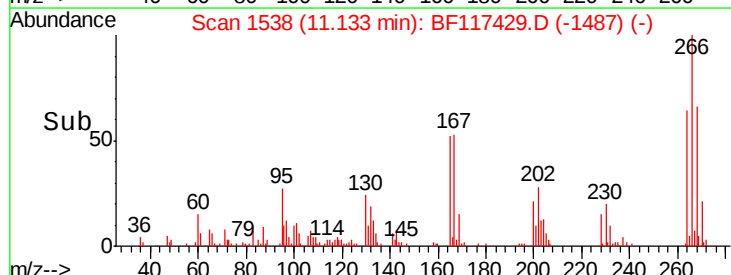
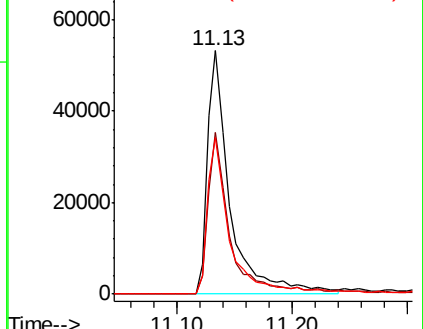
264 64.5 42.9 64.3#

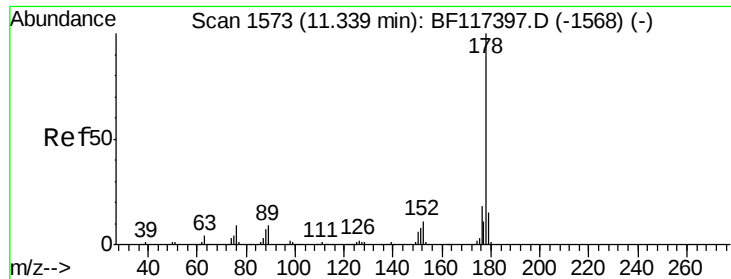


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

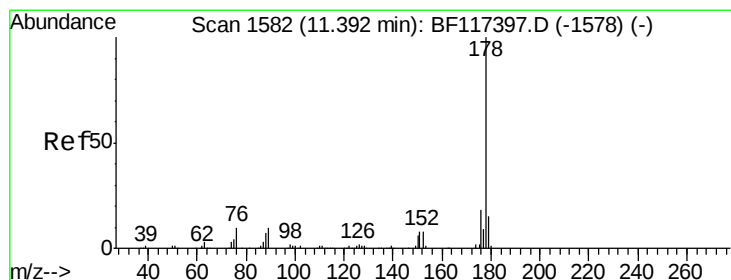
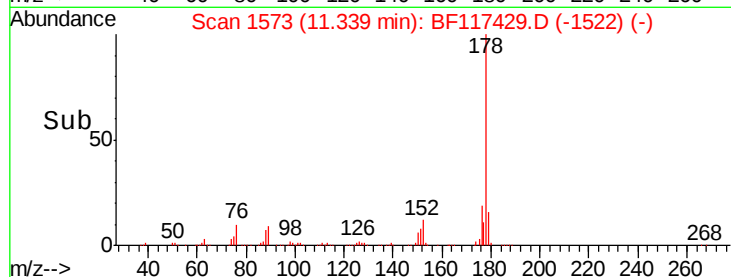
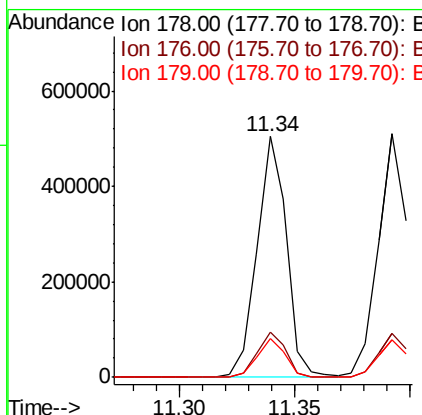
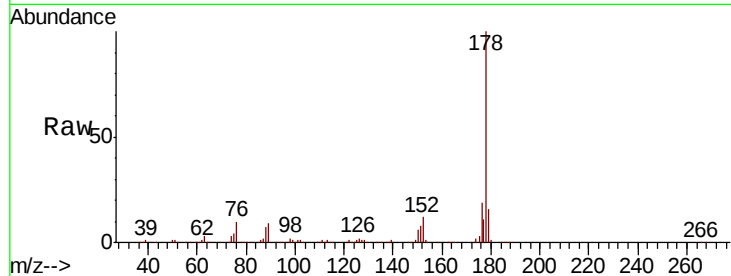




#71
Phenanthrene
Concen: 43.900 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

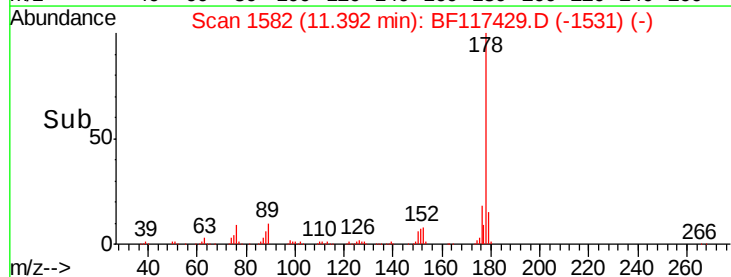
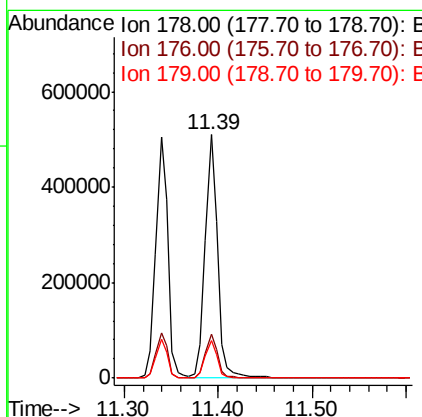
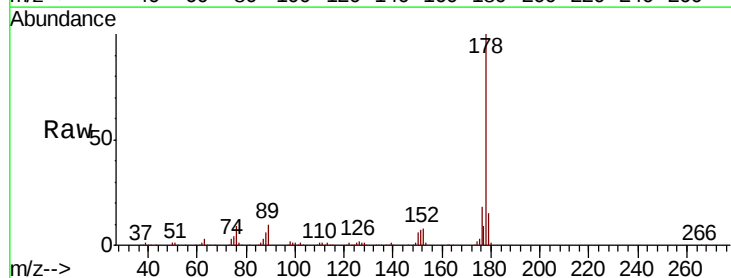
Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

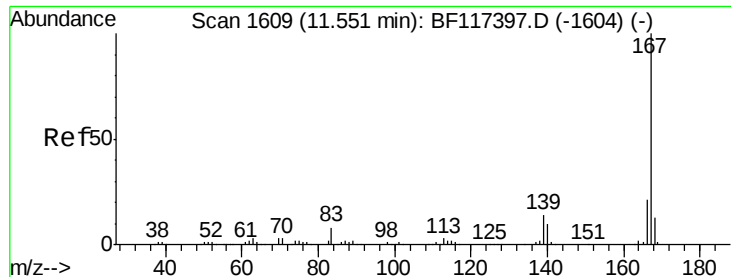
Tot Ion:178 Resp: 450598
Ion Ratio Lower Upper
178 100
176 19.0 14.6 22.0
179 16.0 12.3 18.5



#72
Anthracene
Concen: 44.864 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:178 Resp: 475373
Ion Ratio Lower Upper
178 100
176 17.8 14.4 21.6
179 15.4 12.1 18.1

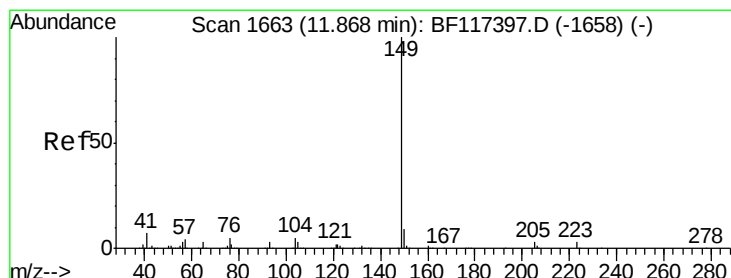
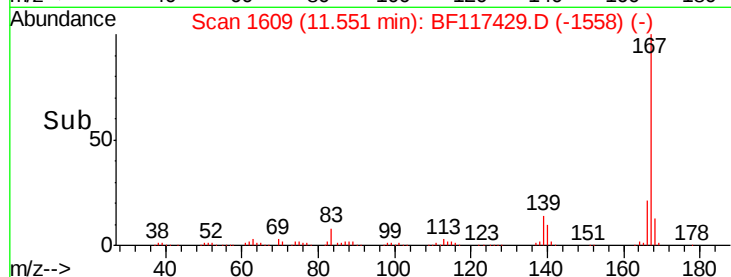
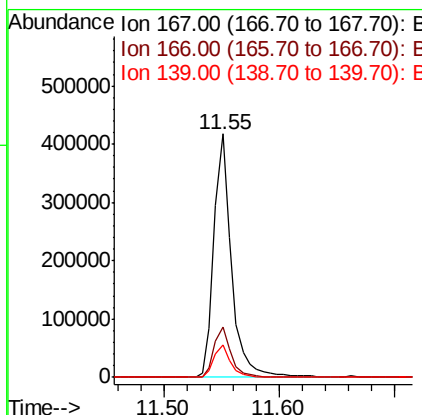
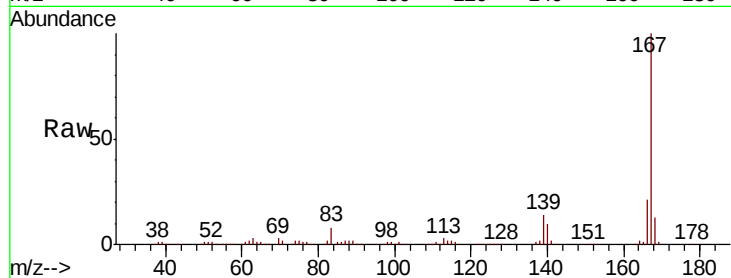




#73
 Carbazole
 Concen: 46.134 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

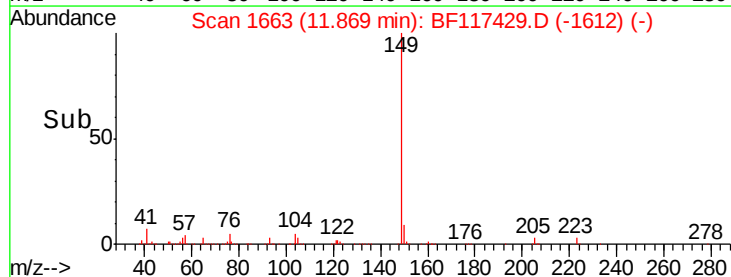
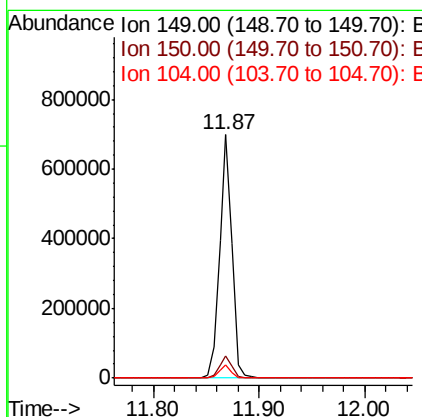
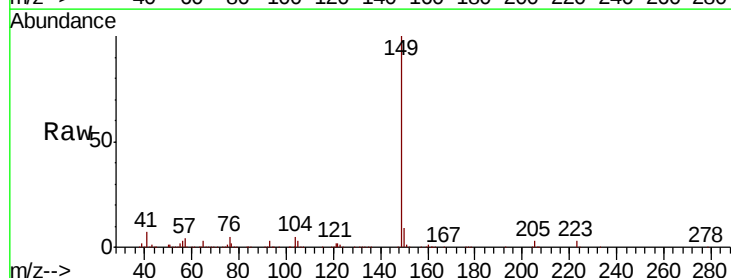
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

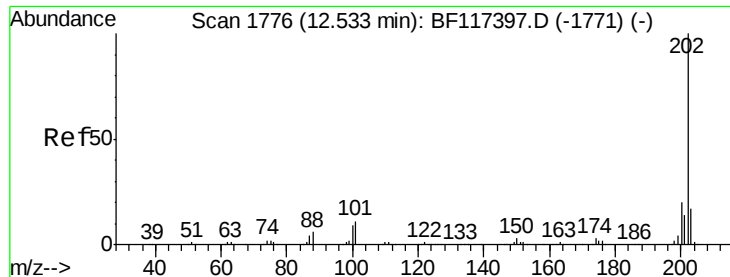
Tot Ion:167 Resp: 444030
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.379 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:149 Resp: 578398
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 5.3 4.2 6.2

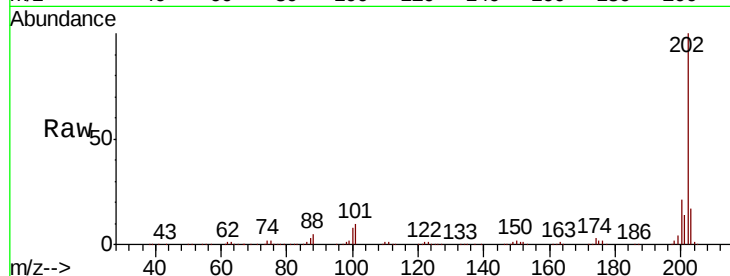




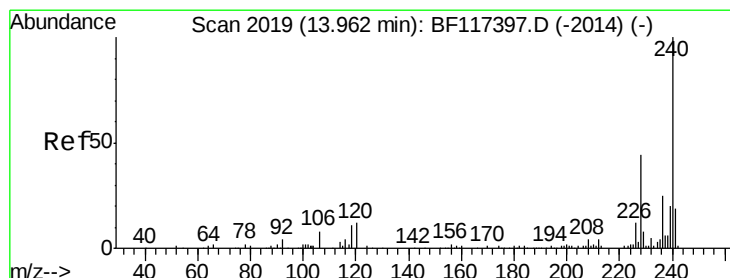
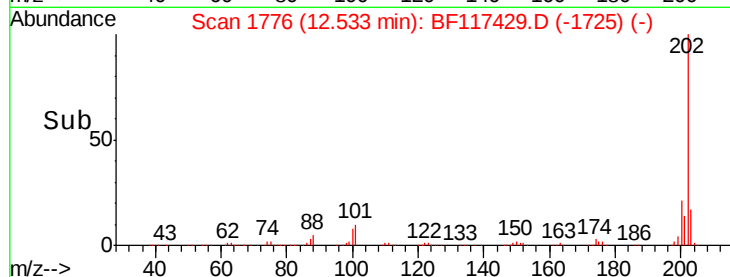
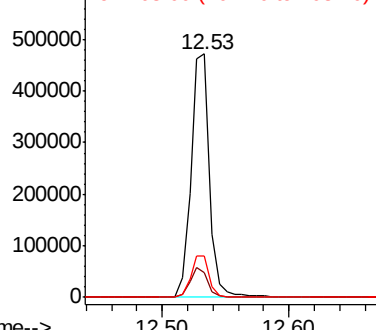
#75
 Fluoranthene
 Concen: 47.141 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Tot Ion:202 Resp: 481130
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.3
 203 17.1 0.0 36.9

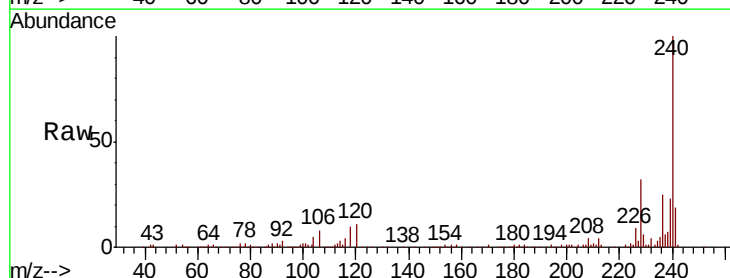


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

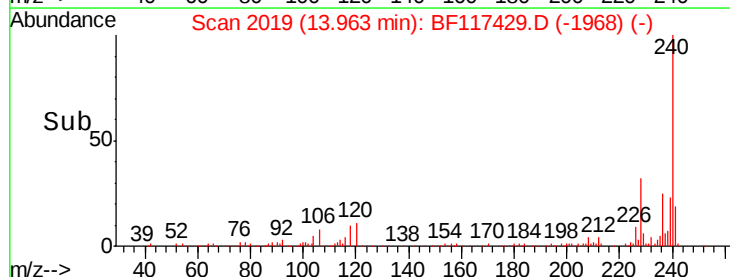
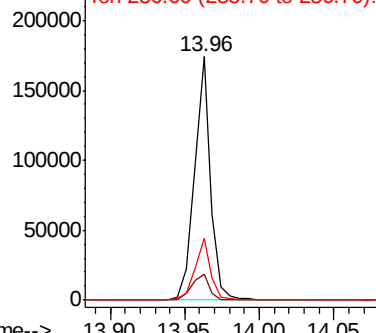


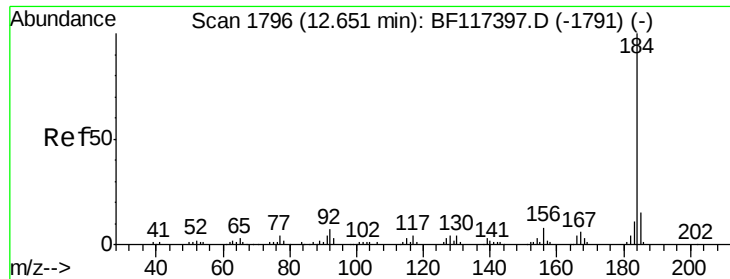
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:240 Resp: 132629
 Ion Ratio Lower Upper
 240 100
 120 10.8 9.4 14.0
 236 25.5 19.8 29.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.108 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

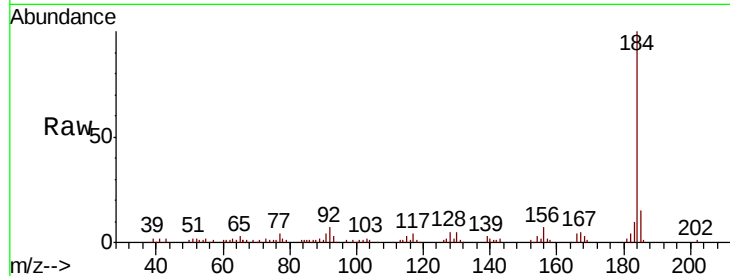
Tot Ion:184 Resp: 108601

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

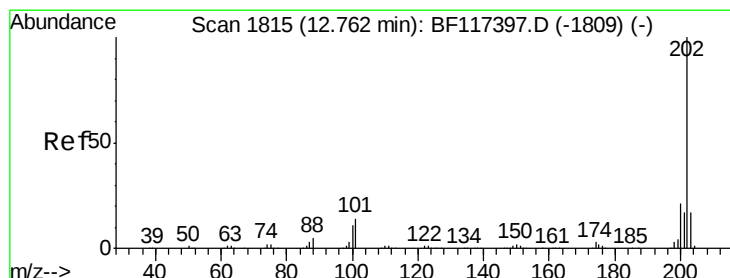
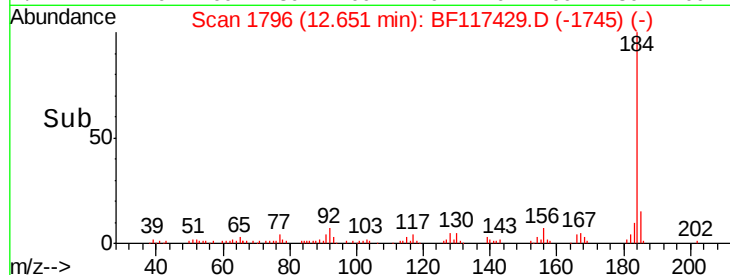
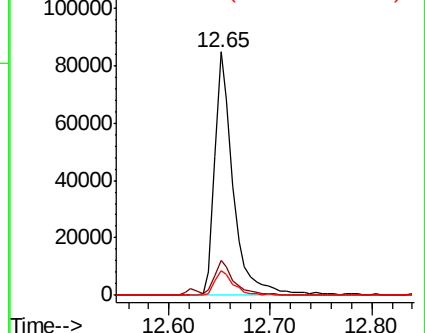
183 10.3 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.179 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

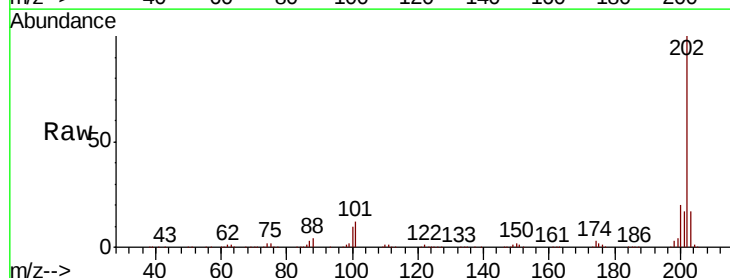
Tgt Ion:202 Resp: 482769

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

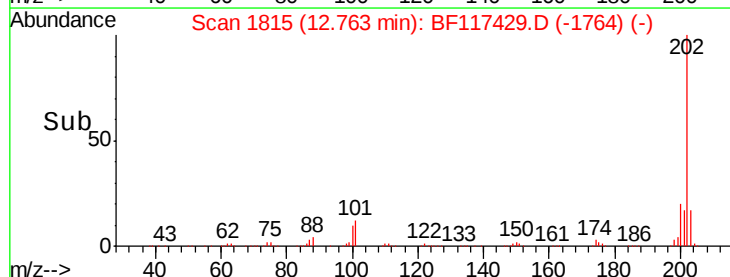
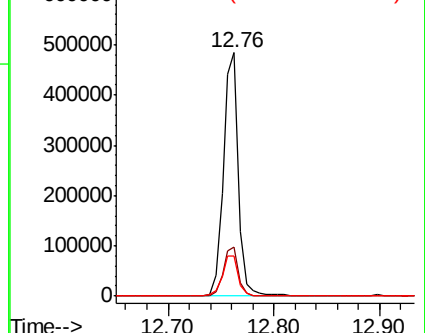
203 16.7 14.0 21.0

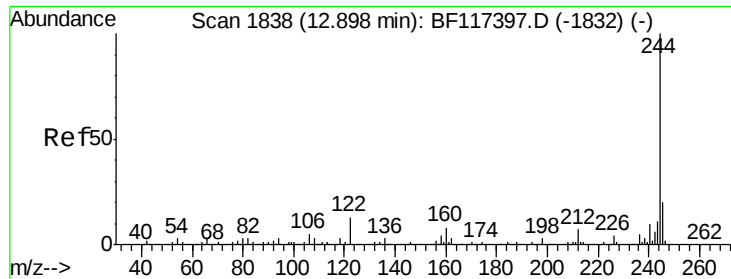


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.056 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

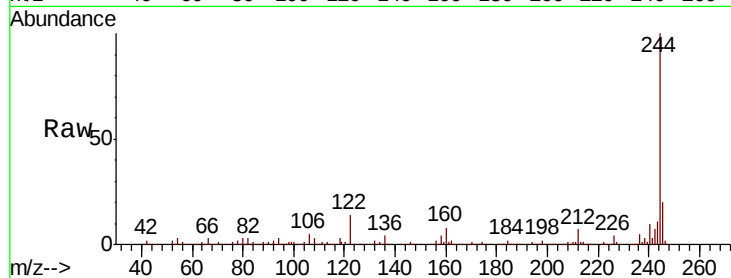
Tot Ion:244 Resp: 692007

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

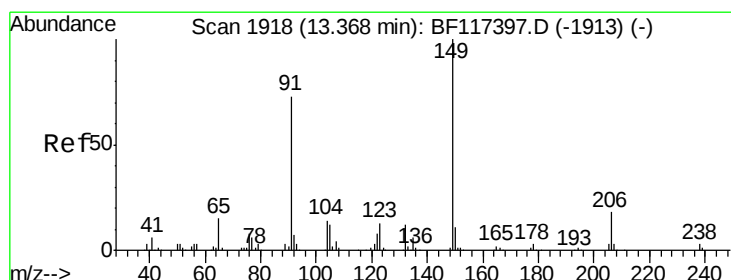
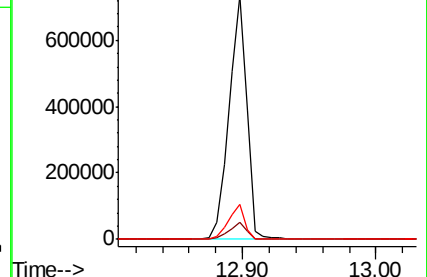
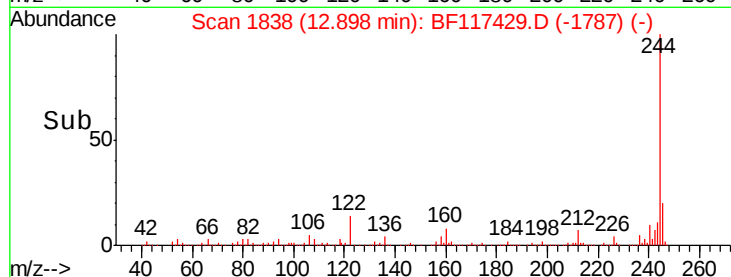
122 14.5 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.333 ng

RT: 13.36 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

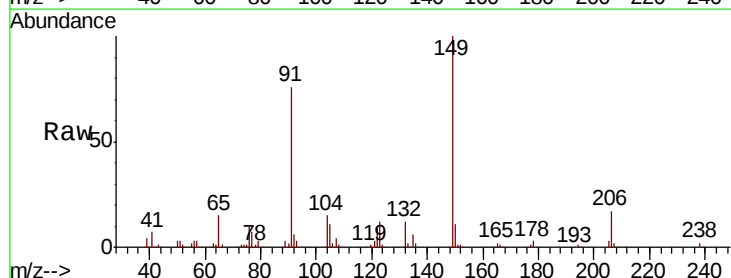
Tgt Ion:149 Resp: 249559

Ion Ratio Lower Upper

149 100

91 75.9 58.5 87.7

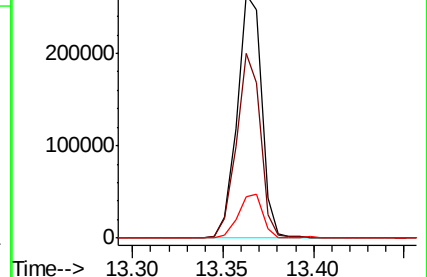
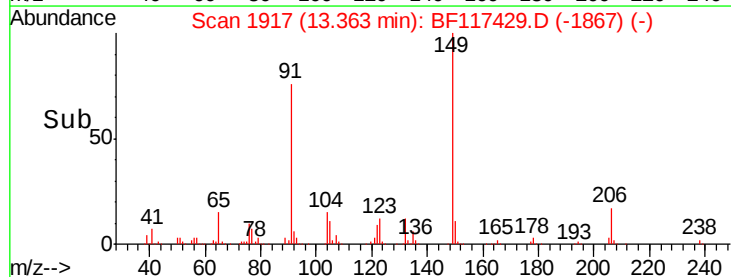
206 16.9 14.4 21.6

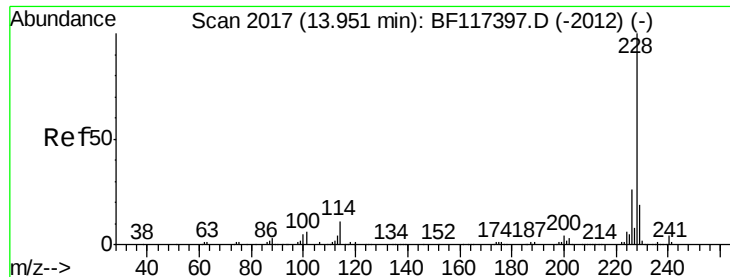


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.367 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

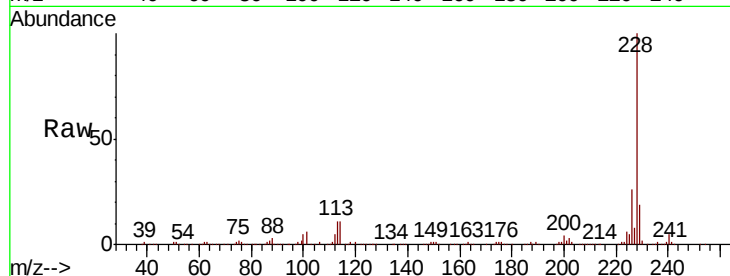
Tot Ion:228 Resp: 394646

Ion Ratio Lower Upper

228 100

226 26.4 20.9 31.3

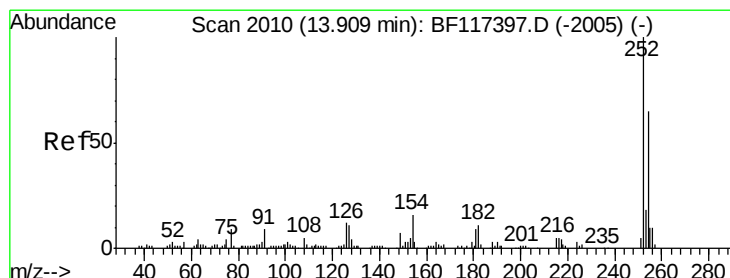
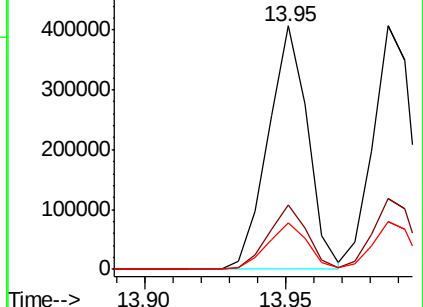
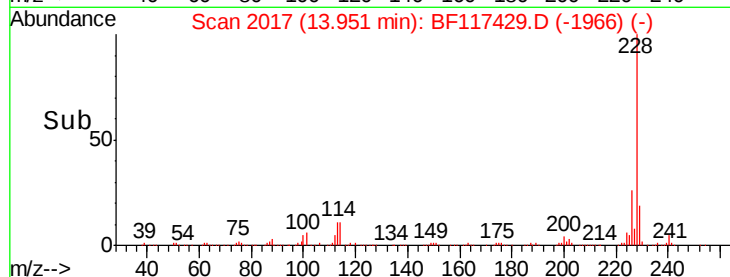
229 18.9 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.288 ng

RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

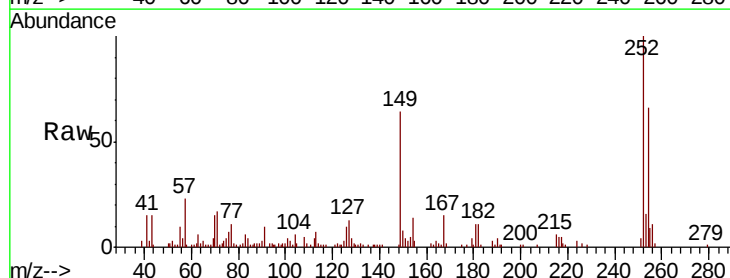
Tgt Ion:252 Resp: 52620

Ion Ratio Lower Upper

252 100

254 65.9 51.6 77.4

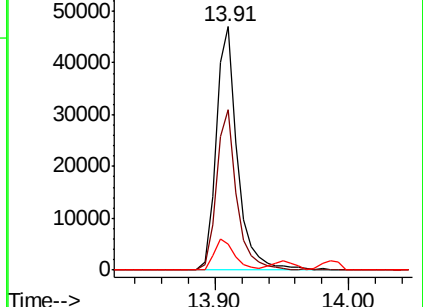
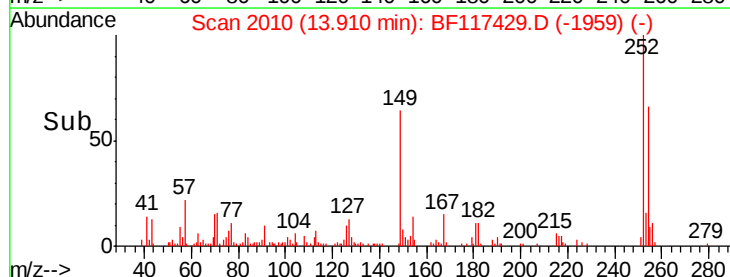
126 10.5 9.6 14.4

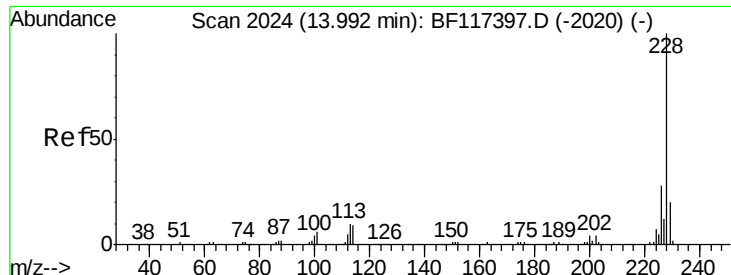


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

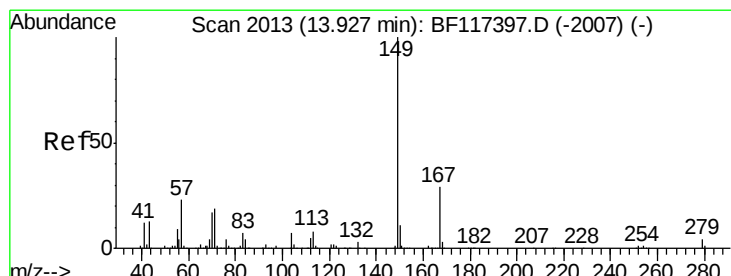
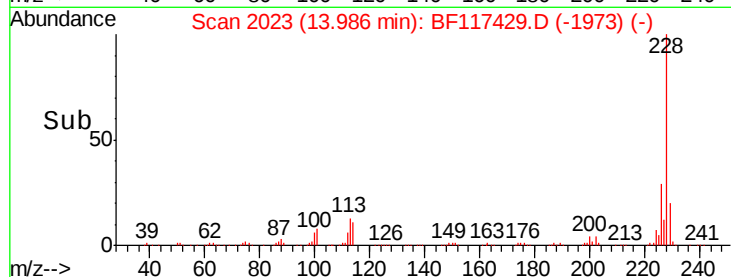
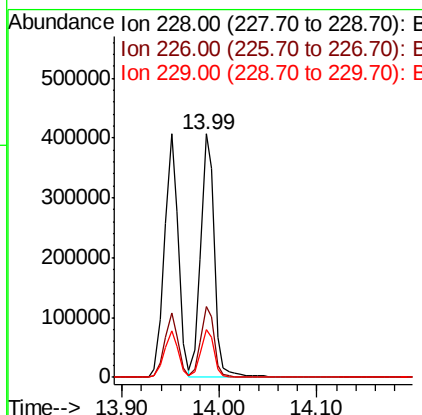
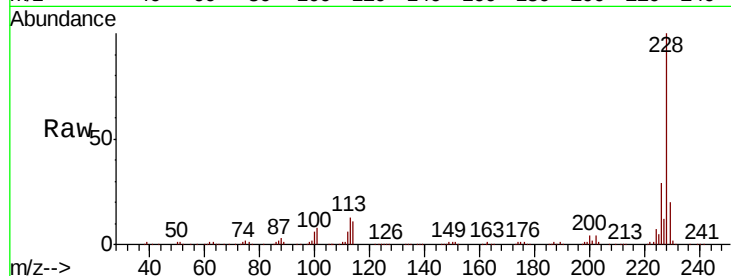




#83
 Chrysene
 Concen: 44.063 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

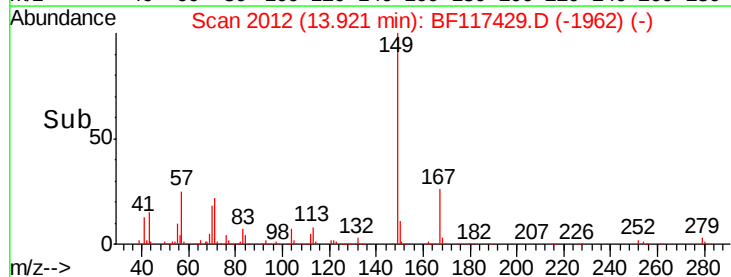
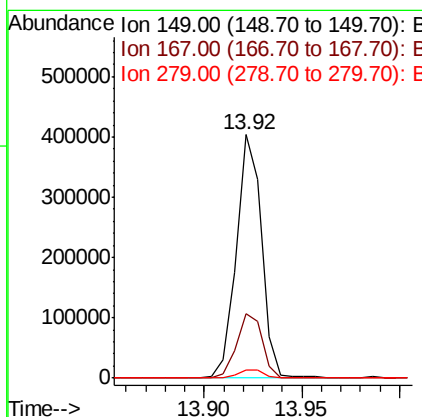
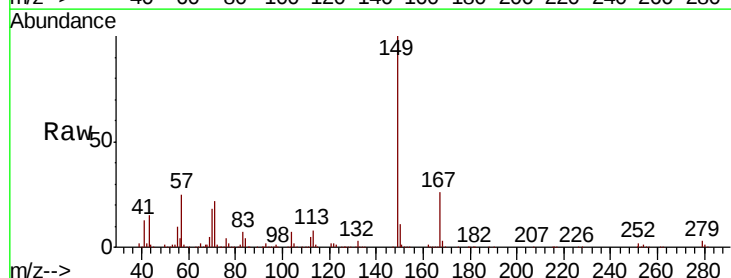
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

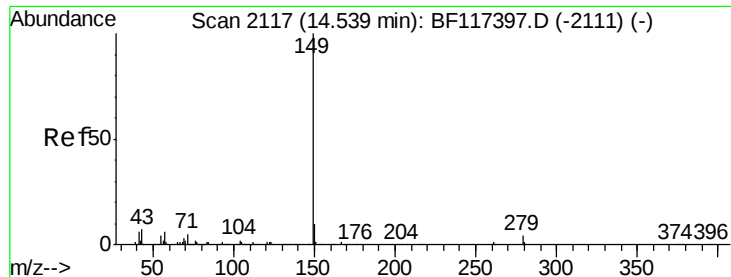
Tot Ion:228 Resp: 395432
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.8 34.2
 229 19.6 15.7 23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.468 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:149 Resp: 361312
 Ion Ratio Lower Upper
 149 100
 167 26.2 23.0 34.6
 279 3.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.687 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

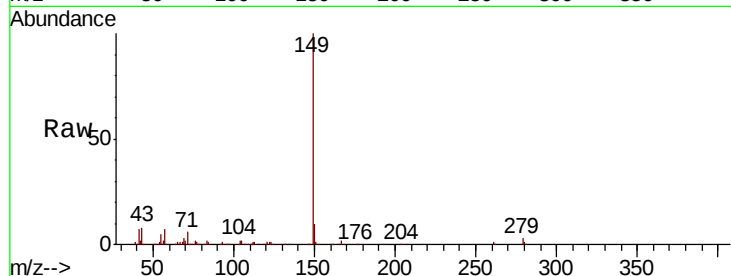
Tot Ion:149 Resp: 590802

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

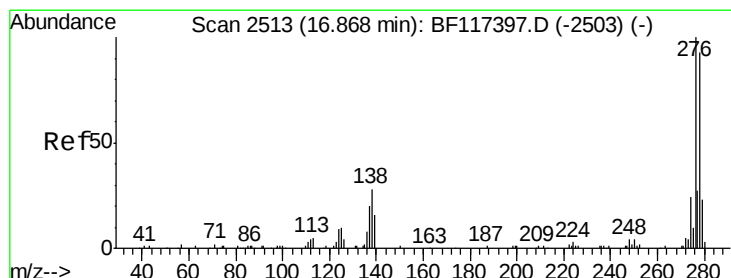
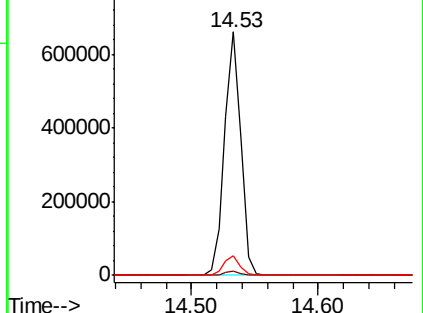
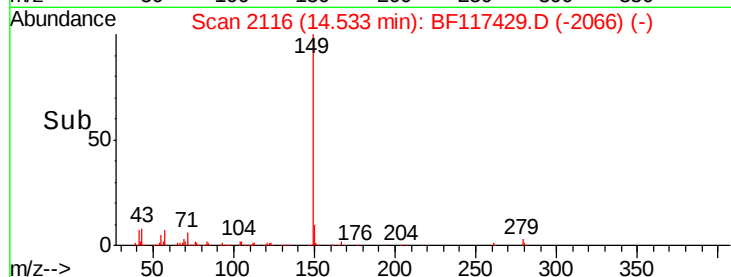
43 7.8 6.6 9.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.820 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

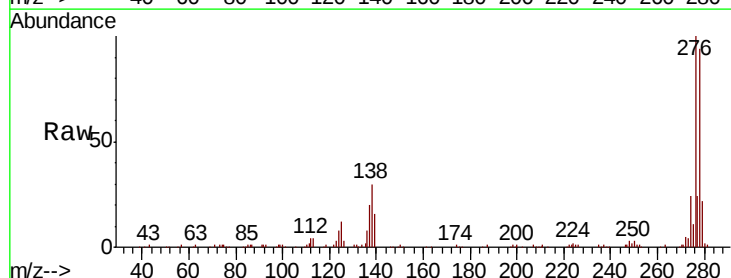
Tgt Ion:276 Resp: 312623

Ion Ratio Lower Upper

276 100

138 27.8 21.5 32.3

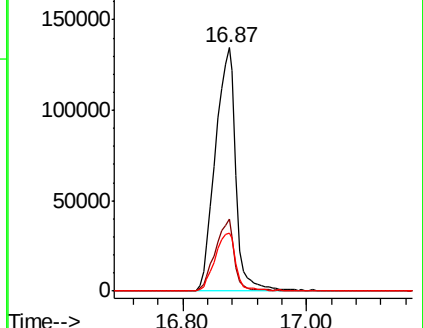
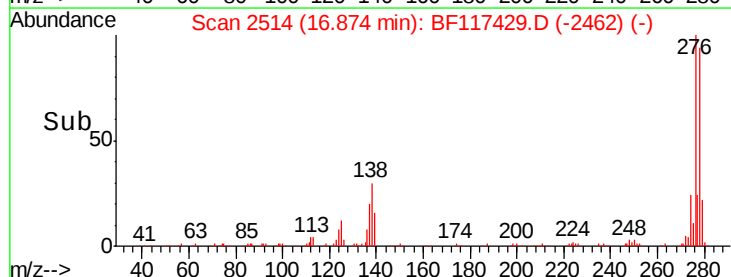
277 24.1 20.1 30.1

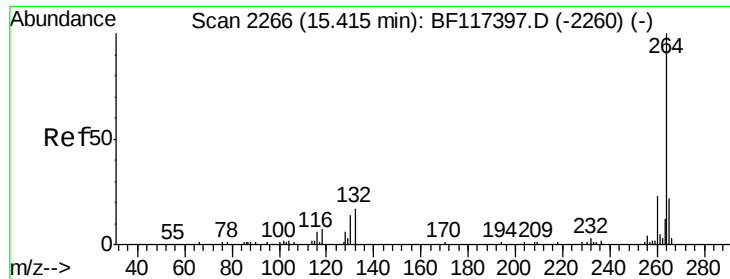


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

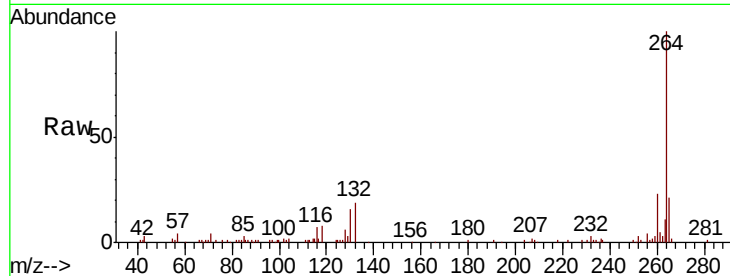
Tot Ion:264 Resp: 125256

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

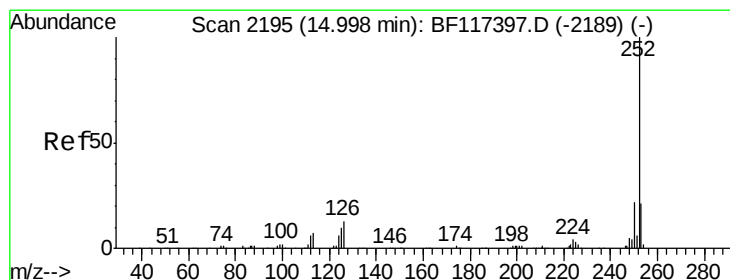
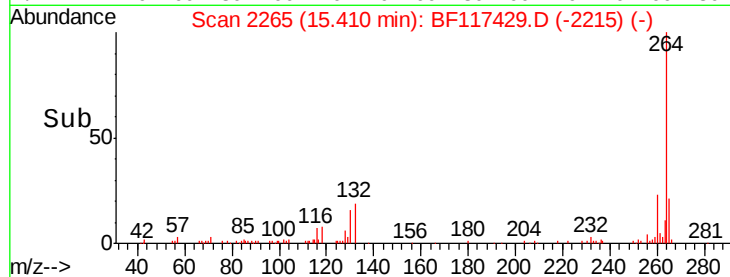
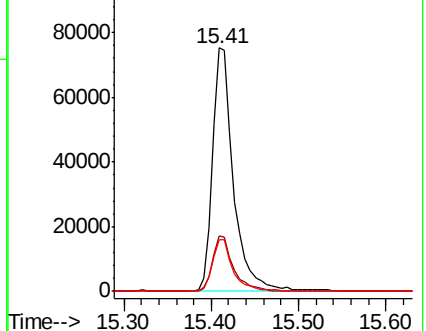
265 21.1 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.076 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

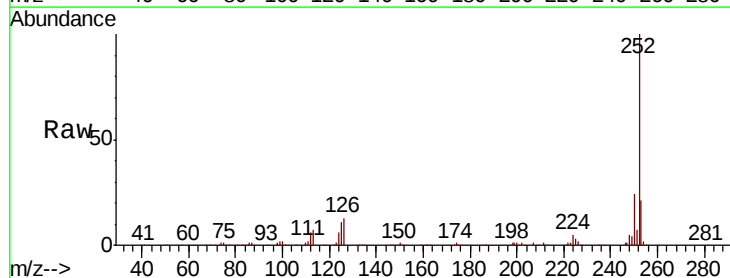
Tgt Ion:252 Resp: 335899

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

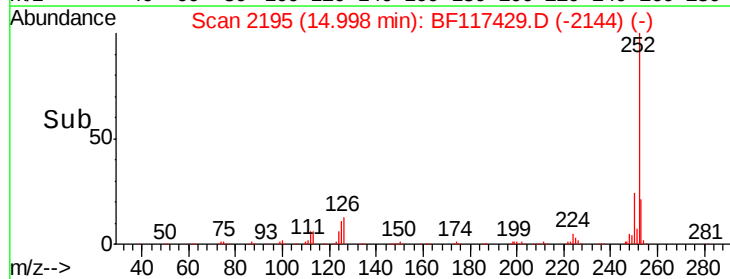
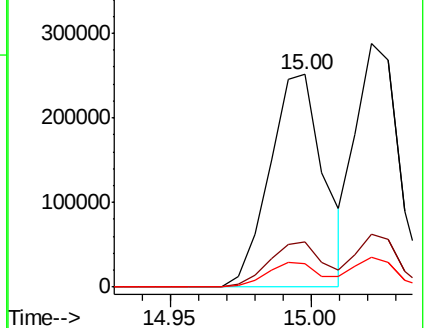
125 10.9 8.2 12.2

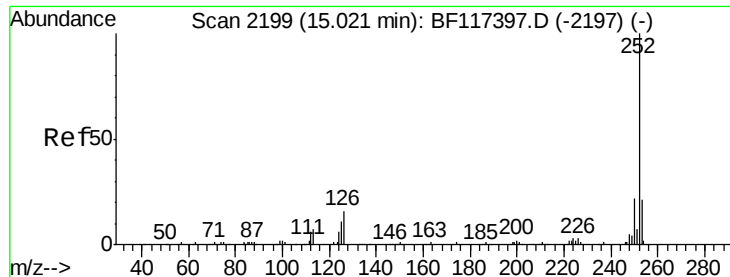


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

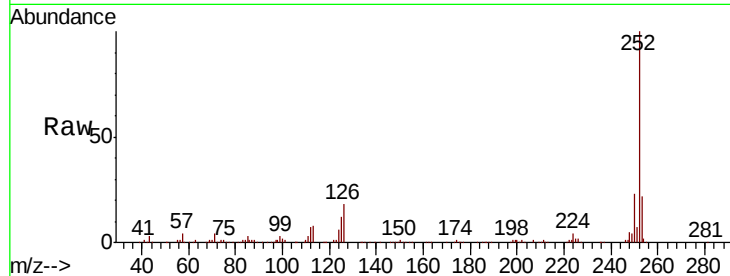




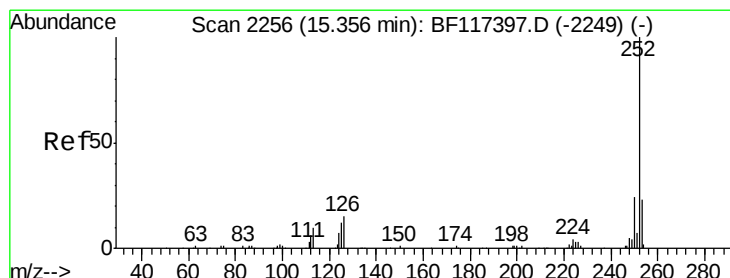
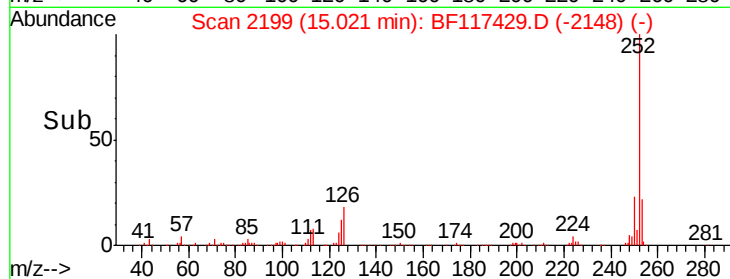
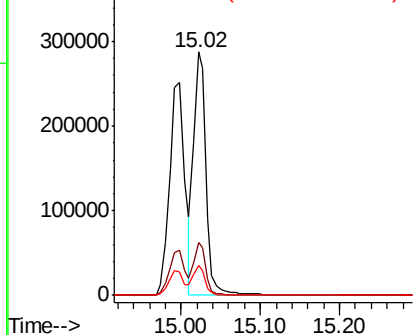
#89
Benzo(k)fluoranthene
Concen: 40.810 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion:252 Resp: 316251
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.2 9.4 14.2

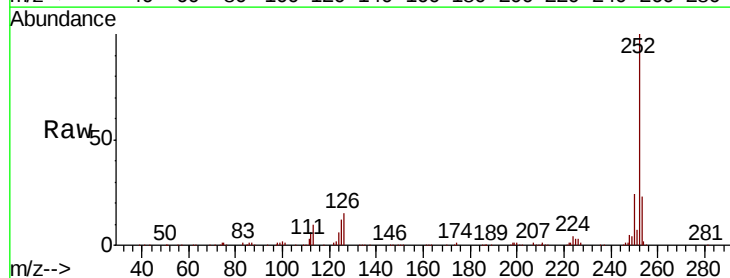


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

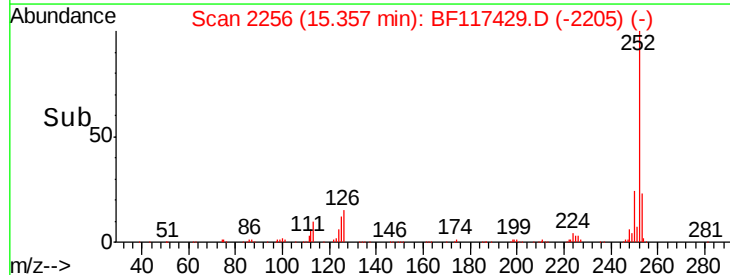
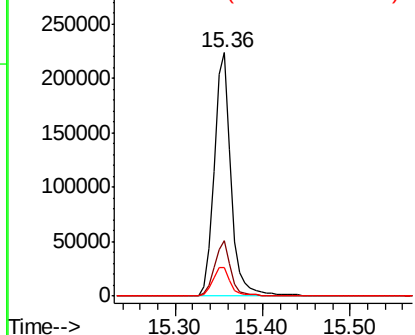


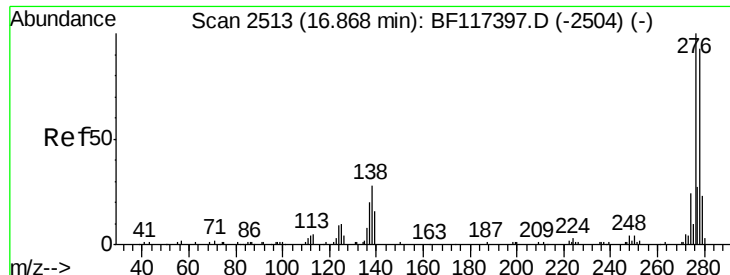
#90
Benzo(a)pyrene
Concen: 43.442 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:252 Resp: 299968
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.0 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.739 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

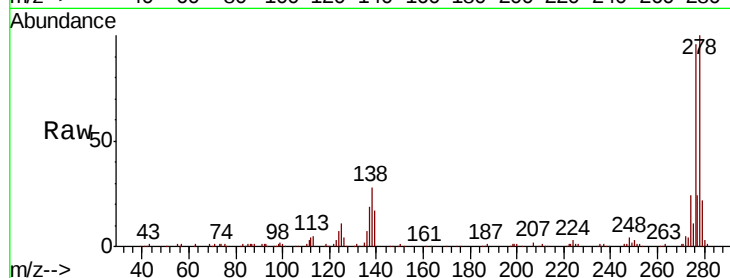
Tot Ion:278 Resp: 264715

Ion Ratio Lower Upper

278 100

139 17.2 14.1 21.1

279 22.4 19.8 29.6

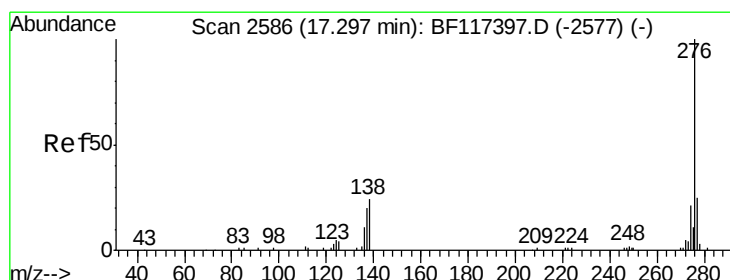
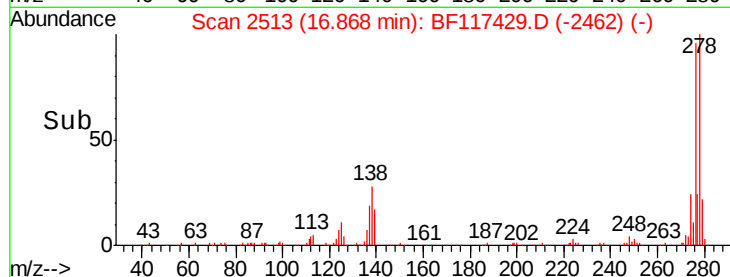
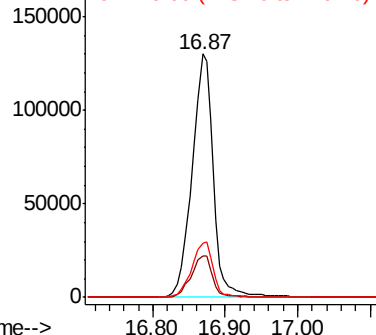


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.751 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

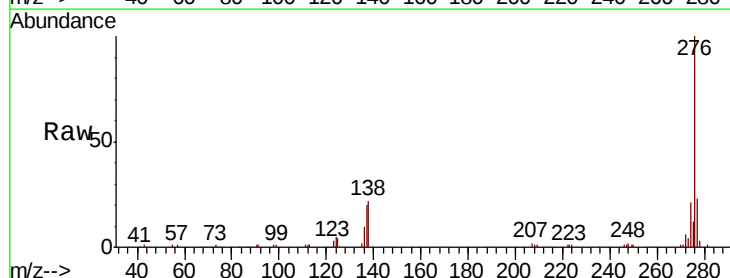
Tgt Ion:276 Resp: 246414

Ion Ratio Lower Upper

276 100

277 23.2 19.9 29.9

138 22.1 19.3 28.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

