

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117345.D
 Acq On : 8 Oct 2019 17:24
 Operator : JU
 Sample : K5238-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:30:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	43583	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	179213	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	94629	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	158877	20.00	ng	0.00
76) Chrysene-d12	13.97	240	128506	20.00	ng	0.00
87) Perylene-d12	15.43	264	118512	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	327372	117.27	ng	0.00
7) Phenol-d6	6.45	99	458128	126.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	282189	82.73	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	97476	123.25	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	481839	79.62	ng	0.00
79) Terphenyl-d14	12.91	244	511035	74.33	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	42914	36.738	ng	97
3) Pyridine	3.31	79	97138	30.382	ng	99
4) n-Nitrosodimethylamine	3.24	42	41438	37.766	ng	# 89
6) Aniline	6.46	93	123095	26.501	ng	# 1
8) 2-Chlorophenol	6.59	128	131935	43.810	ng	98
9) Benzaldehyde	6.35	77	77321	43.787	ng	96
10) Phenol	6.46	94	172177	43.291	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	120480	41.217	ng	97
12) 1,3-Dichlorobenzene	6.74	146	136232	40.313	ng	98
13) 1,4-Dichlorobenzene	6.82	146	137259	39.800	ng	99
14) 1,2-Dichlorobenzene	6.97	146	131909	41.082	ng	98
15) Benzyl Alcohol	6.95	79	117506	42.474	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	123335	42.707	ng	60
17) 2-Methylphenol	7.07	107	102899	40.769	ng	# 82
18) Hexachloroethane	7.31	117	53590	40.393	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	96953	44.133	ng	96
20) 3+4-Methylphenols	7.22	107	139774	44.460	ng	# 66
22) Acetophenone	7.21	105	193579	42.514	ng	96
24) Nitrobenzene	7.39	77	144724	42.966	ng	96
25) Isophorone	7.62	82	267511	44.296	ng	99
26) 2-Nitrophenol	7.70	139	69161	47.802	ng	97
27) 2,4-Dimethylphenol	7.75	122	115363	50.281	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	158586	42.622	ng	100
29) 2,4-Dichlorophenol	7.95	162	107663	44.784	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	107521	41.398	ng	98
31) Naphthalene	8.10	128	381728	44.289	ng	99
32) Benzoic acid	7.86	122	19943	16.524	ng	96
33) 4-Chloroaniline	8.16	127	56968	14.902	ng	97
34) Hexachlorobutadiene	8.22	225	60560	41.098	ng	98
35) Caprolactam	8.53	113	16555	20.345	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	124613	44.454	ng	99
37) 2-Methylnaphthalene	8.80	142	264390	45.553	ng	97
38) 1-Methylnaphthalene	8.89	142	250945	46.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	102074	41.772	ng	99

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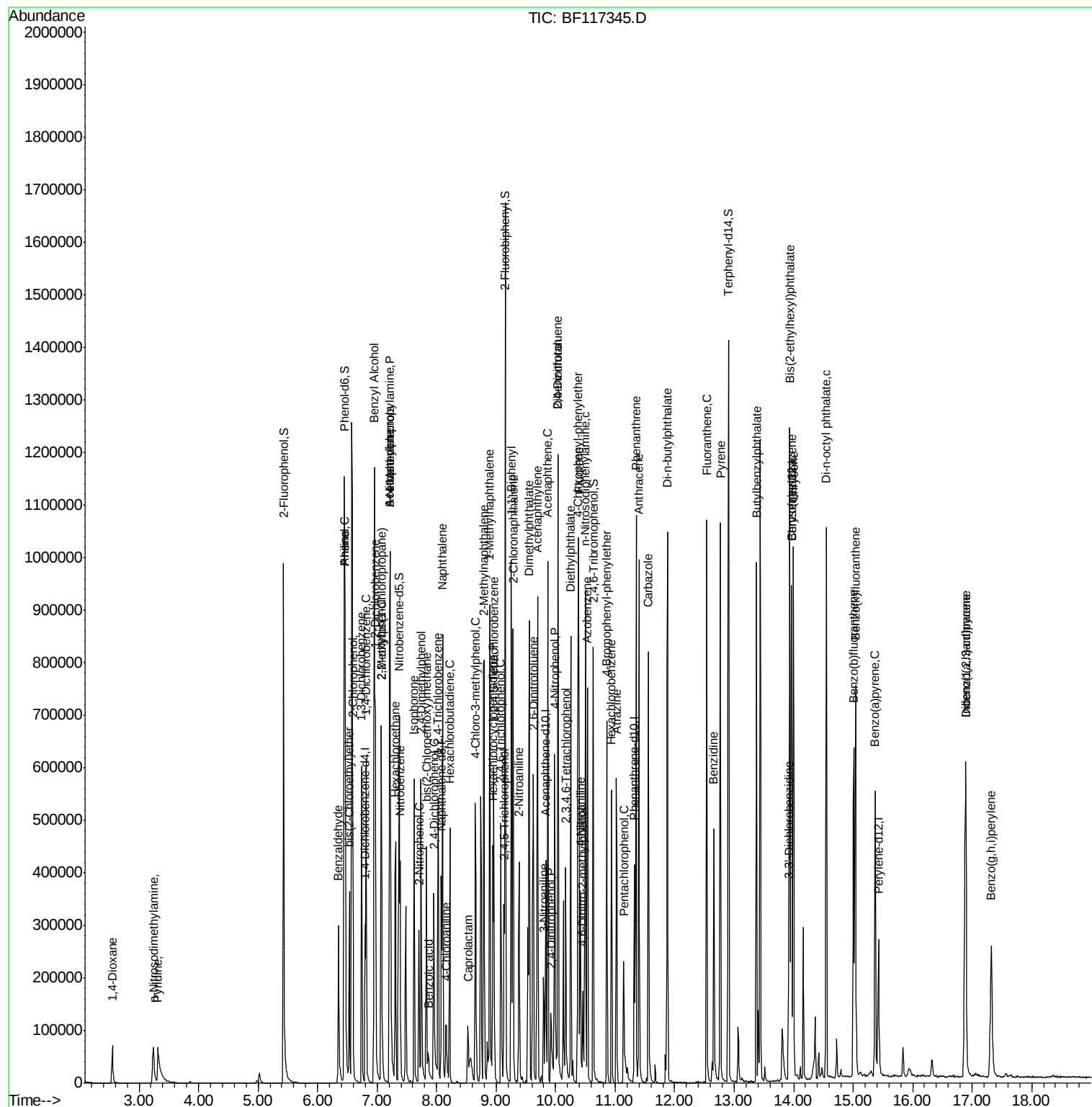
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	65906	62.879	nq	100
43) 2,4,6-Trichlorophenol	9.08	196	66072	39.844	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	71077	40.117	nq	93
46) 1,1'-Biphenyl	9.26	154	310459	41.826	nq	99
47) 2-Chloronaphthalene	9.29	162	240767	41.100	nq	98
48) 2-Nitroaniline	9.39	65	75922	40.406	nq	97
49) Acenaphthylene	9.70	152	383929	43.749	nq	99
50) Dimethylphthalate	9.56	163	349979	52.234	nq	99
51) 2,6-Dinitrotoluene	9.63	165	62438	45.755	nq	98
52) Acenaphthene	9.87	154	222893	42.846	nq	99
53) 3-Nitroaniline	9.80	138	38430	22.321	nq	98
54) 2,4-Dinitrophenol	9.92	184	34557	61.094	nq	87
55) Dibenzofuran	10.05	168	333826	43.493	nq	99
56) 4-Nitrophenol	9.98	139	69015	61.848	nq	92
57) 2,4-Dinitrotoluene	10.04	165	82710	46.693	nq	# 84
58) Fluorene	10.39	166	281627	45.550	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	56673	41.800	nq	95
60) Diethylphthalate	10.26	149	291610	44.238	nq	97
61) 4-Chlorophenyl-phenylether	10.37	204	121455	45.403	nq	97
62) 4-Nitroaniline	10.42	138	74419	41.563	nq	98
63) Azobenzene	10.53	77	301727	44.817	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	28416	40.511	nq	97
66) n-Nitrosodiphenylamine	10.50	169	245333	44.712	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	70149	43.235	nq	100
68) Hexachlorobenzene	10.94	284	72098	40.627	nq	95
69) Atrazine	11.02	200	68710	52.696	nq	98
70) Pentachlorophenol	11.15	266	50447	60.644	nq	96
71) Phenanthrene	11.35	178	399631	44.285	nq	99
72) Anthracene	11.40	178	421123	45.710	nq	99
73) Carbazole	11.56	167	392622	44.897	nq	98
74) Di-n-butylphthalate	11.88	149	499297	47.988	nq	99
75) Fluoranthene	12.54	202	439841	47.436	nq	99
77) Benzidine	12.66	184	215777	52.126	nq	100
78) Pyrene	12.77	202	441524	40.948	nq	99
80) Butylbenzylphthalate	13.37	149	221198	43.415	nq	98
81) Benzo(a)anthracene	13.96	228	364704	42.478	nq	98
82) 3,3'-Dichlorobenzidine	13.92	252	54791	19.804	nq	99
83) Chrysene	14.00	228	356493	42.573	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	322767	49.133	nq	100
85) Di-n-octyl phthalate	14.55	149	534785	51.722	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	294775	48.251	nq	98
88) Benzo(b)fluoranthene	15.01	252	295545	41.170	nq	98
89) Benzo(k)fluoranthene	15.04	252	304015	44.707	nq	99
90) Benzo(a)pyrene	15.37	252	287185	45.589	nq	99
91) Dibenzo(a,h)anthracene	16.89	278	250037	49.825	nq	98
92) Benzo(g,h,i)perylene	17.33	276	242424	48.478	nq	98

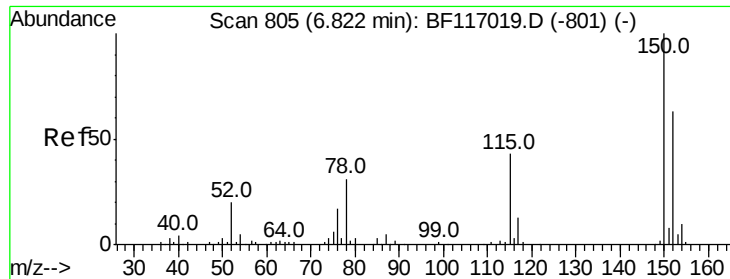
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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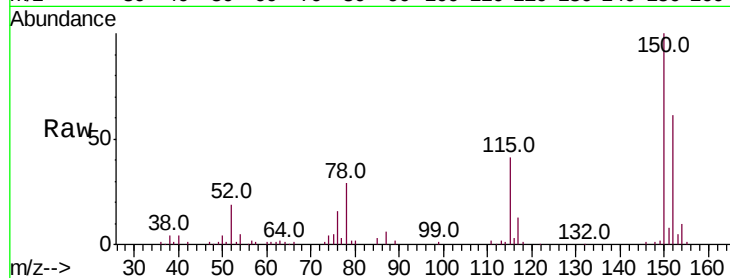


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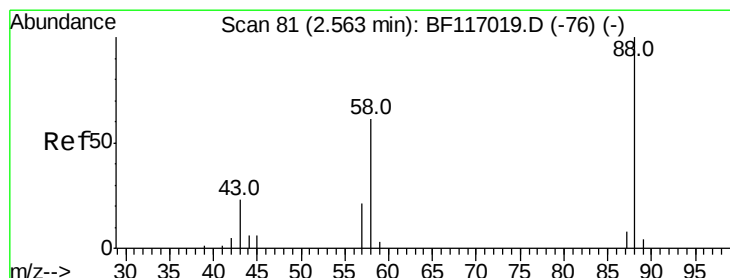
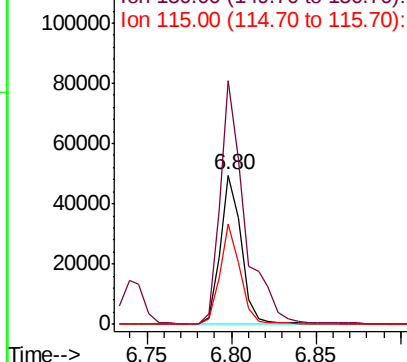
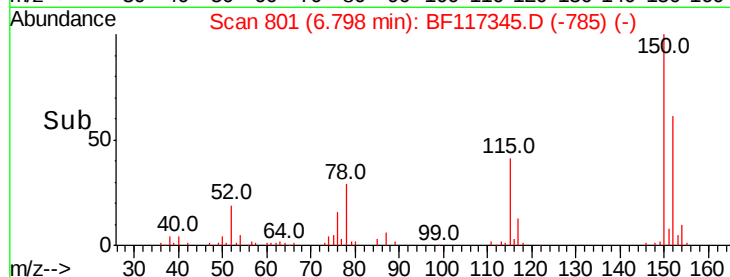
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43583
Ion Ratio Lower Upper
152 100
150 163.2 127.5 191.3
115 67.4 55.0 82.4



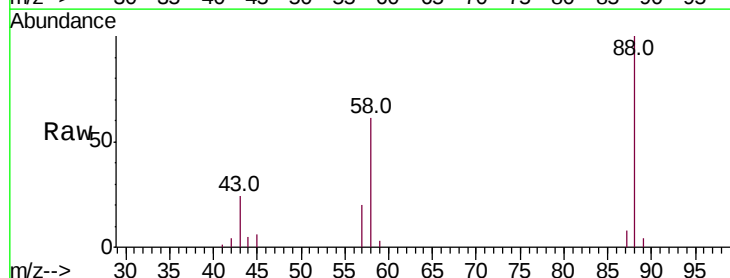
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



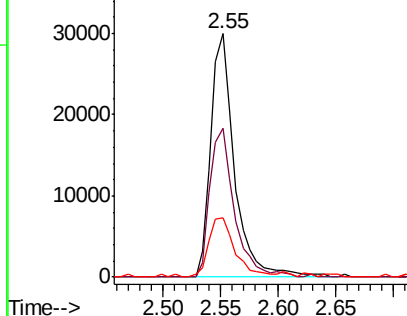
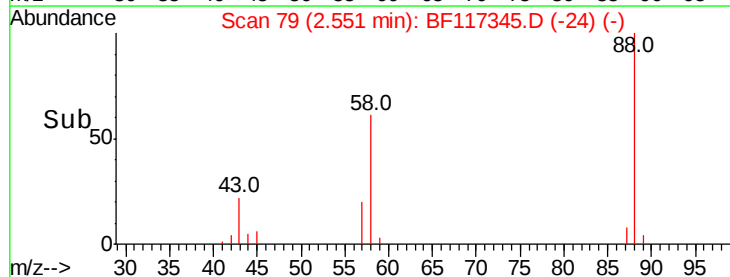
#2

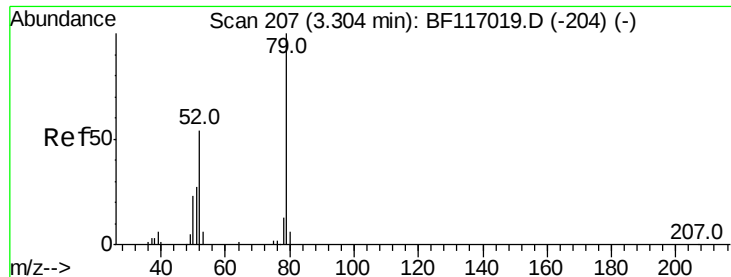
1,4-Dioxane
Concen: 36.738 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.02 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion: 88 Resp: 42914
Ion Ratio Lower Upper
88 100
58 63.0 49.3 73.9
43 27.3 18.8 28.2



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: 30.382 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.04 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

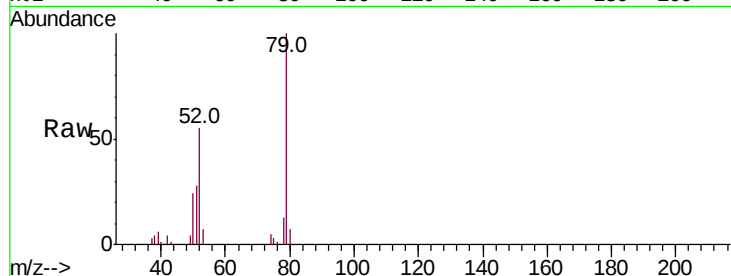
Tot Ion: 79 Resp: 97138

Ion Ratio Lower Upper

79 100

52 54.7 43.5 65.3

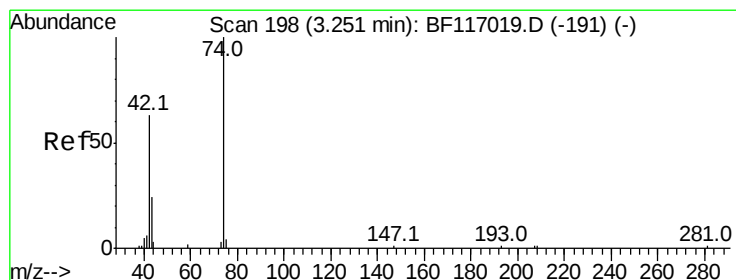
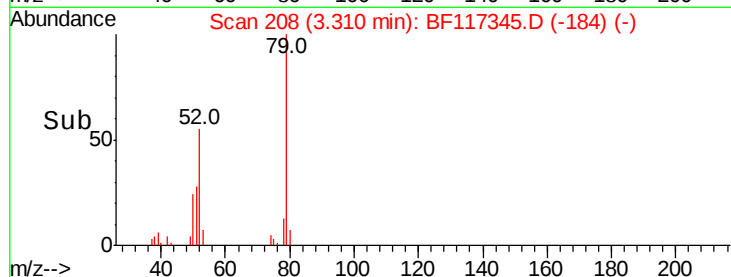
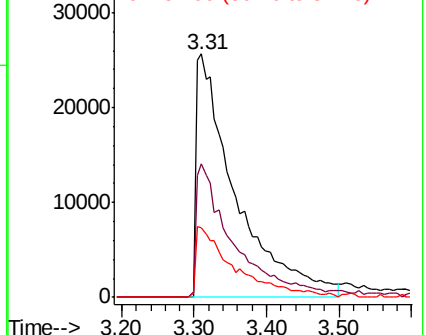
51 28.4 21.8 32.6



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: 37.766 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.02 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

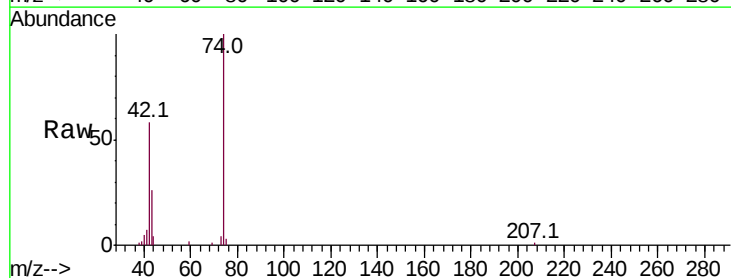
Tgt Ion: 42 Resp: 41438

Ion Ratio Lower Upper

42 100

74 173.5 127.1 190.7

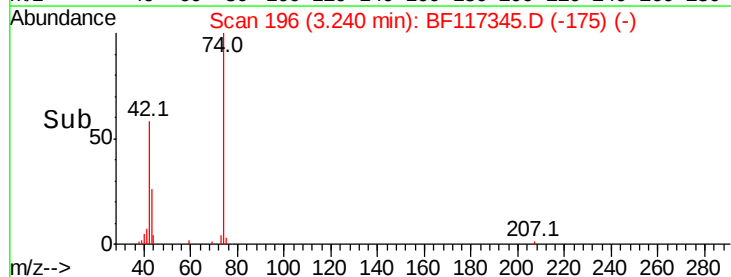
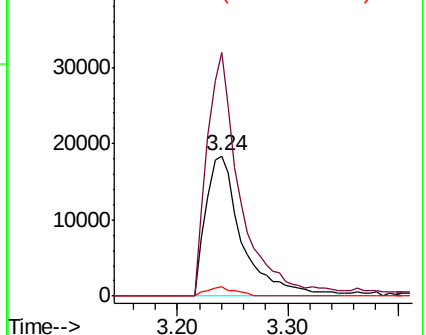
44 6.5 4.3 6.5#

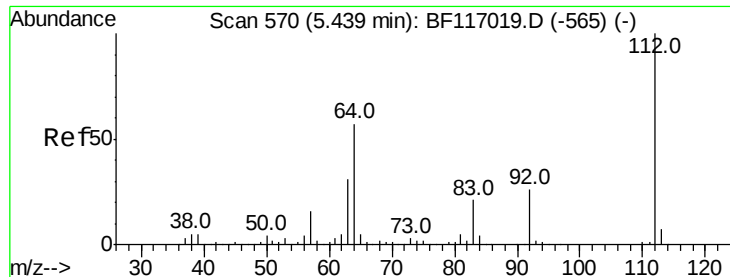


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.272 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampled :

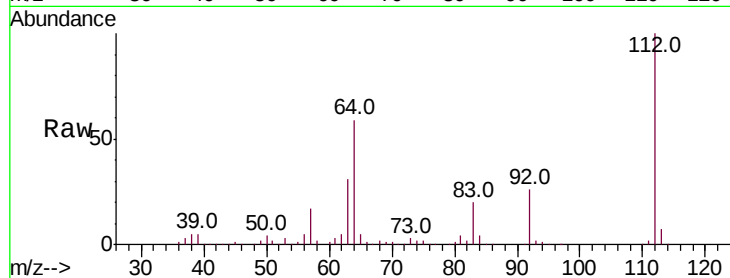
Tot Ion:112 Resp: 327372

Ion Ratio Lower Upper

112 100

64 59.4 45.7 68.5

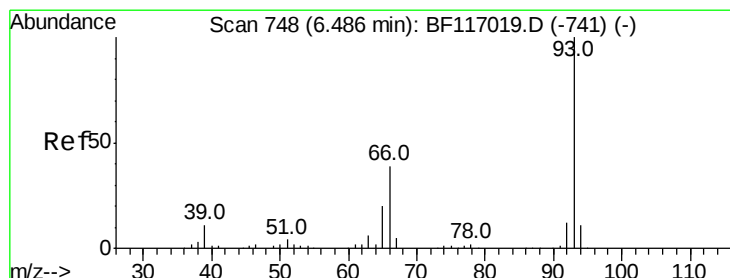
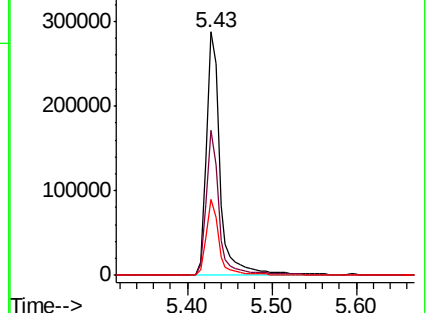
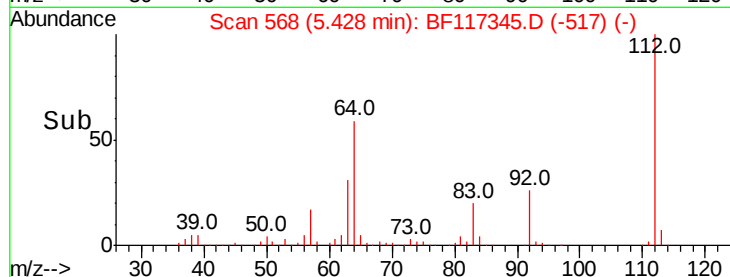
63 31.2 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.501 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

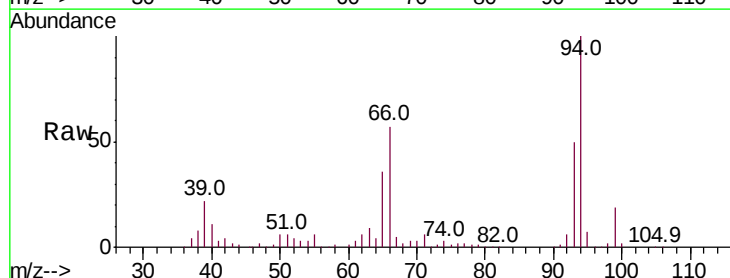
Tgt Ion: 93 Resp: 123095

Ion Ratio Lower Upper

93 100

66 112.7 32.6 49.0#

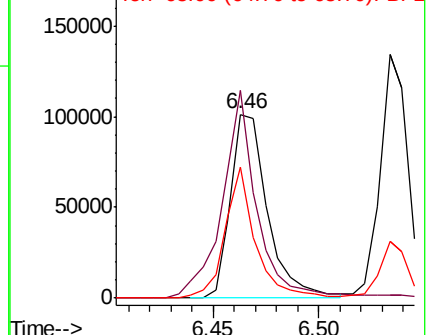
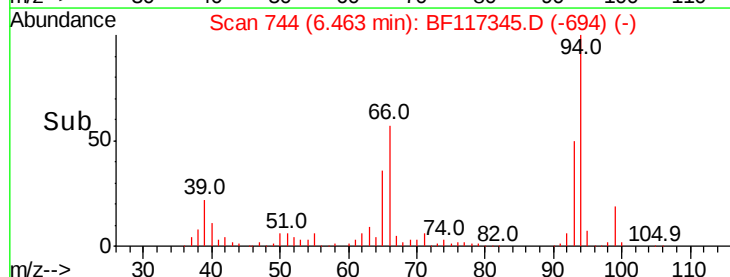
65 71.3 16.7 25.1#

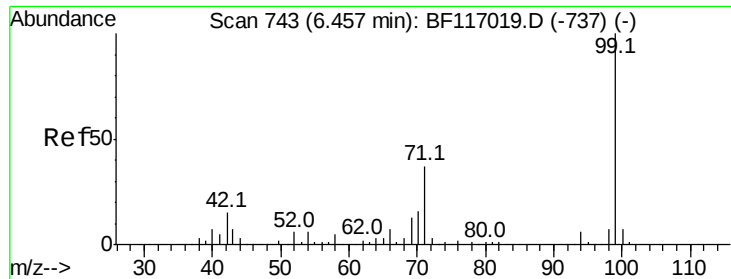


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.987 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF117345.D

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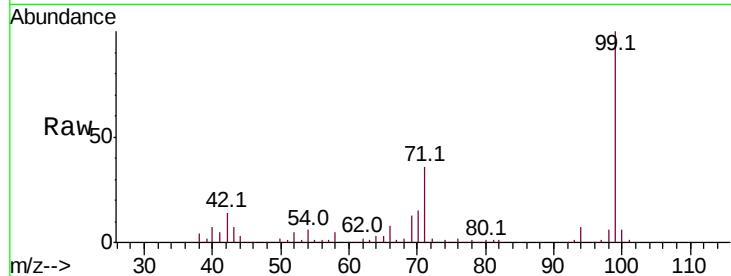
Tot Ion: 99 Resp: 458128

Ion Ratio Lower Upper

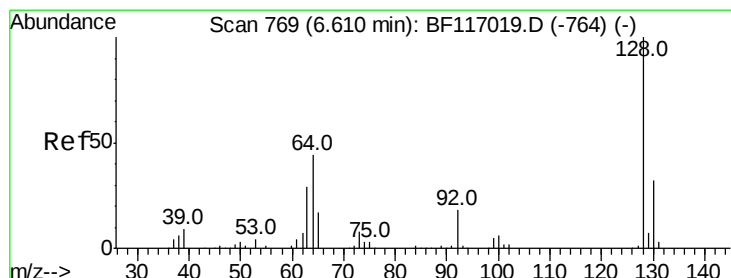
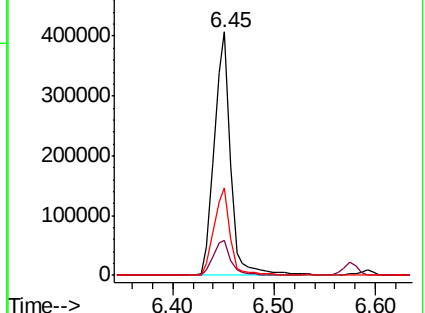
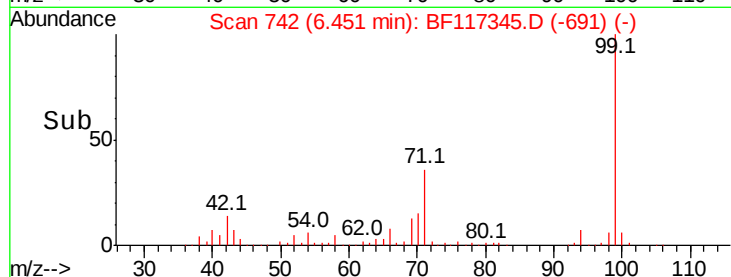
99 100

42 14.5 12.2 18.2

71 35.8 29.8 44.8



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: 43.810 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

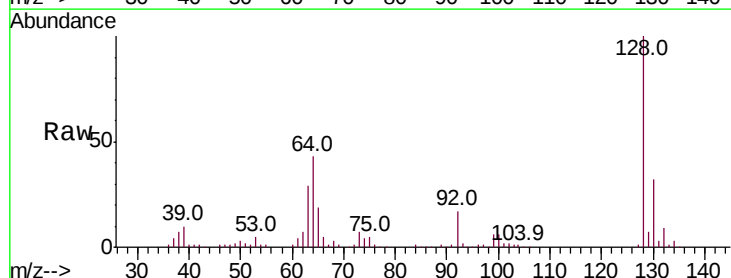
Tgt Ion:128 Resp: 131935

Ion Ratio Lower Upper

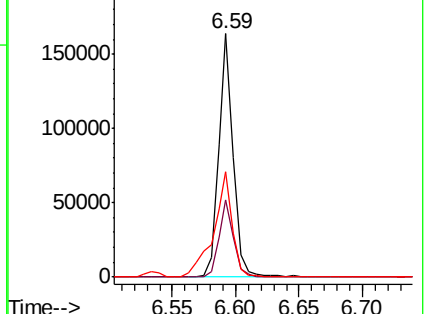
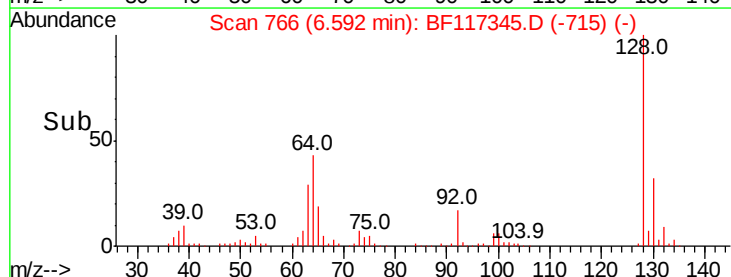
128 100

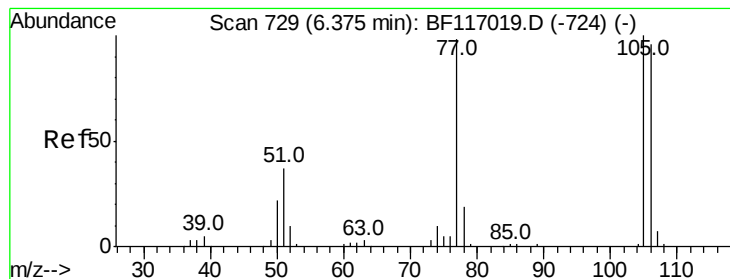
130 31.6 11.8 51.8

64 43.4 25.0 65.0



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: 43.787 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

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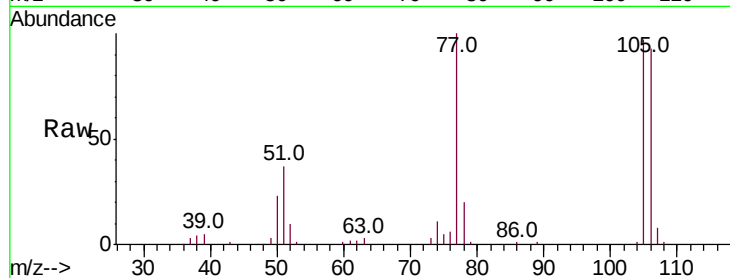
Tot Ion: 77 Resp: 77321

Ion Ratio Lower Upper

77 100

105 97.4 81.8 121.8

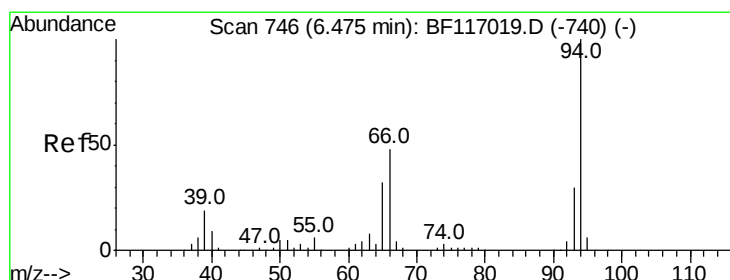
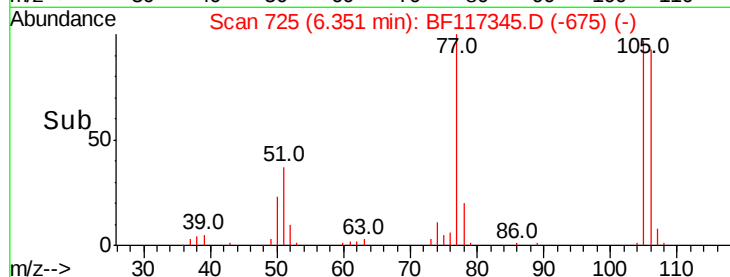
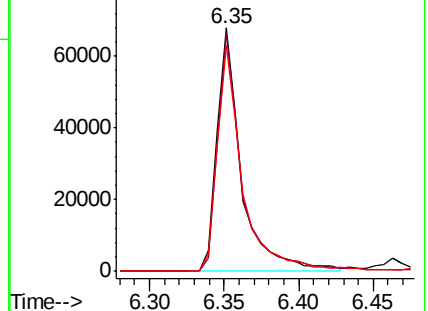
106 92.8 77.3 117.3



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: 43.291 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

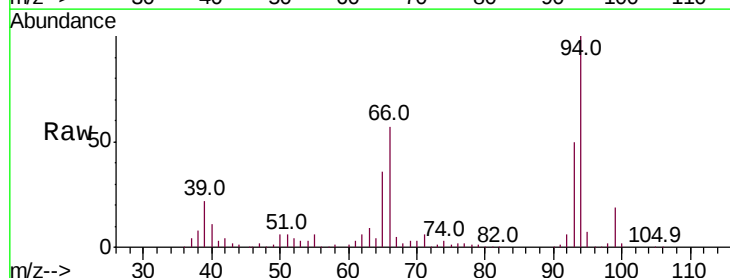
Tgt Ion: 94 Resp: 172177

Ion Ratio Lower Upper

94 100

65 35.8 12.5 52.5

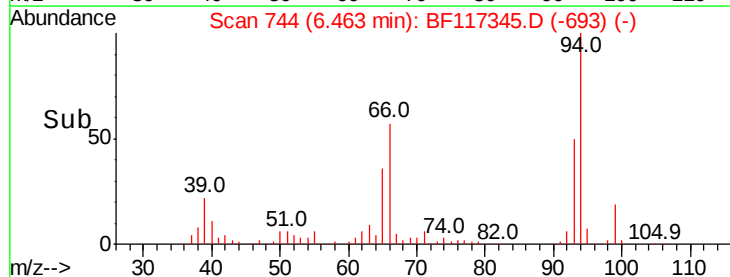
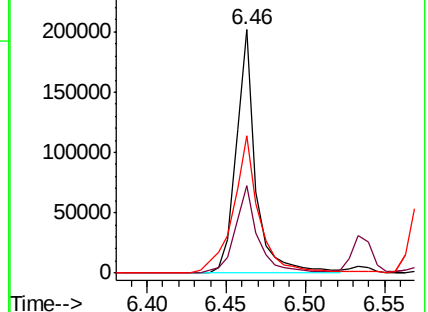
66 56.6 28.9 68.9

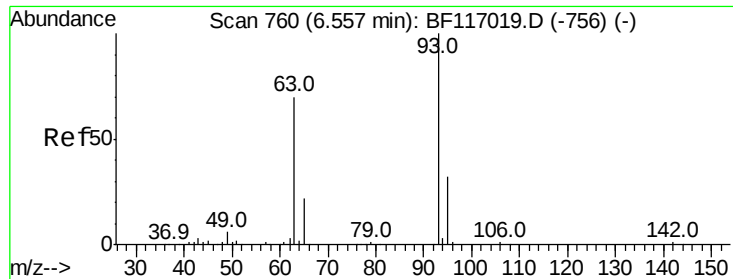


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

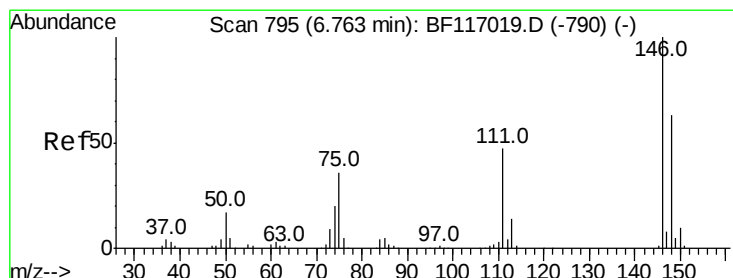
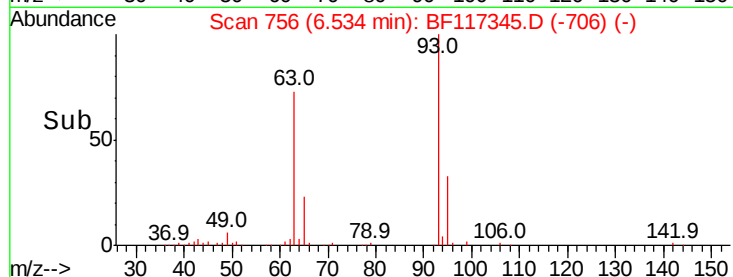
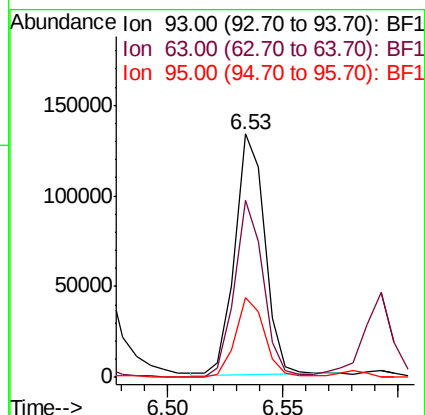
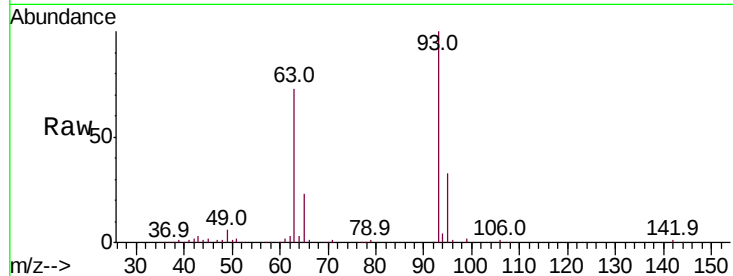




#11
bis(2-Chloroethyl)ether
Concen: 41.217 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

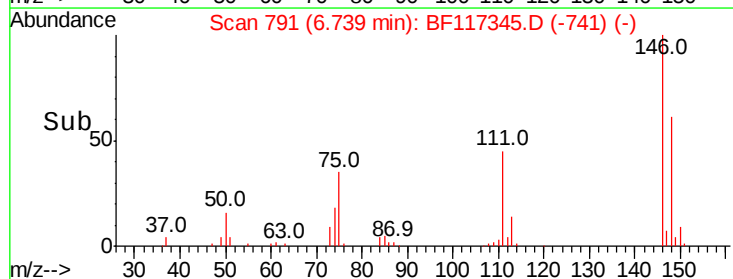
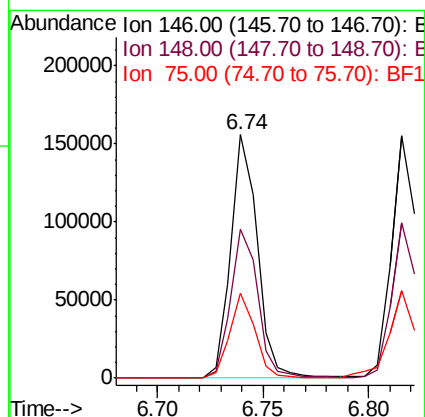
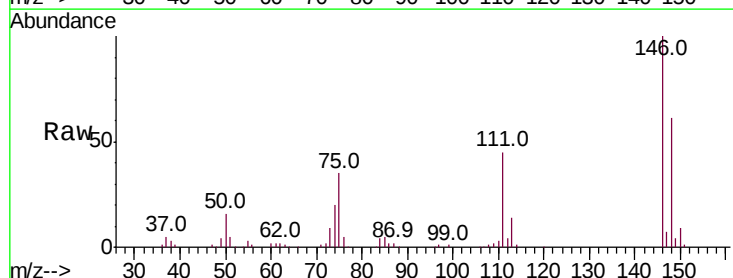
Instrument :
BNA_F
ClientSampleId :

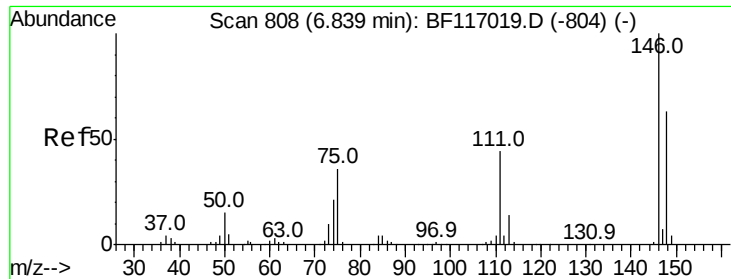
Tot Ion: 93 Resp: 120480
Ion Ratio Lower Upper
93 100
63 72.7 49.3 89.3
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.313 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion: 146 Resp: 136232
Ion Ratio Lower Upper
146 100
148 61.3 50.8 76.2
75 34.9 28.7 43.1

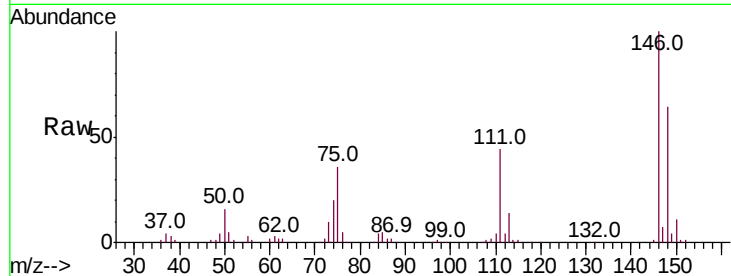




#13
 1,4-Dichlorobenzene
 Concen: 39.800 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	44.1	35.0	52.6

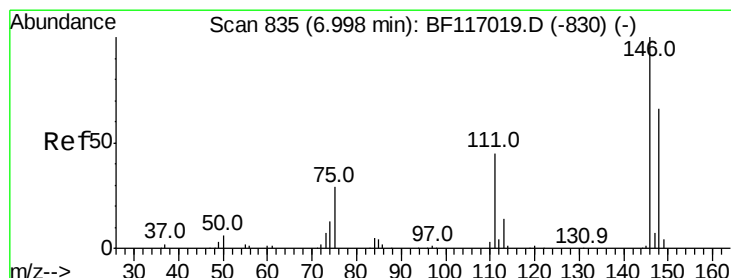
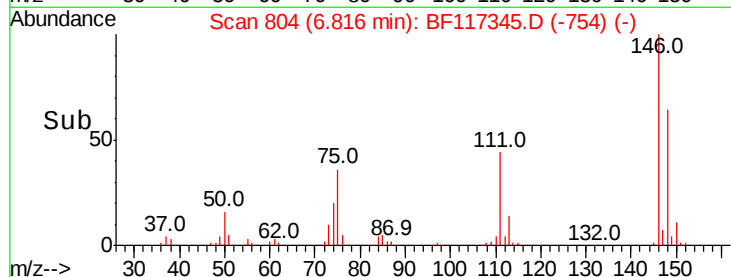
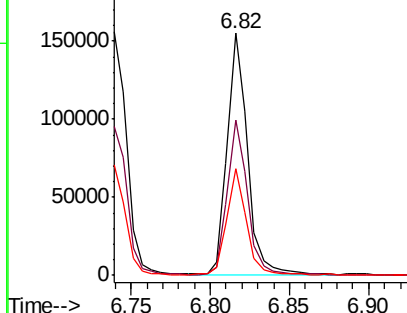


Abundance

Ion 146.00 (145.70 to 146.70): E

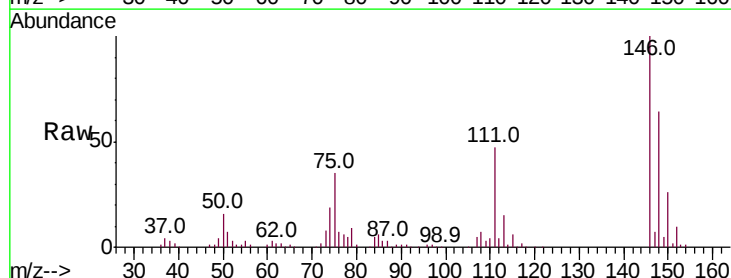
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.082 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	46.9	36.2	54.2

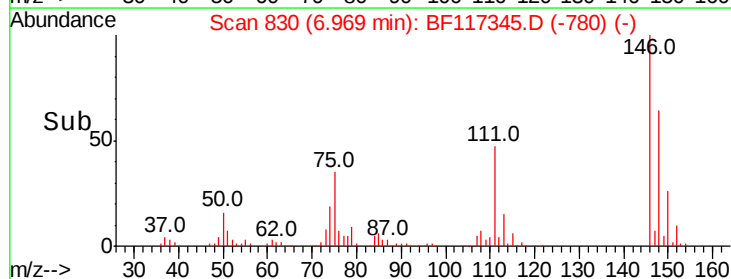
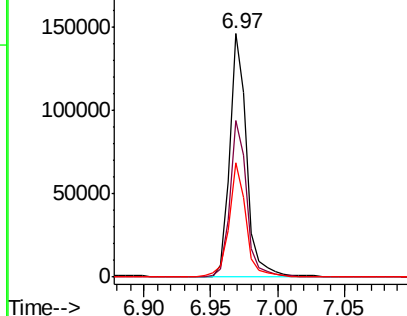


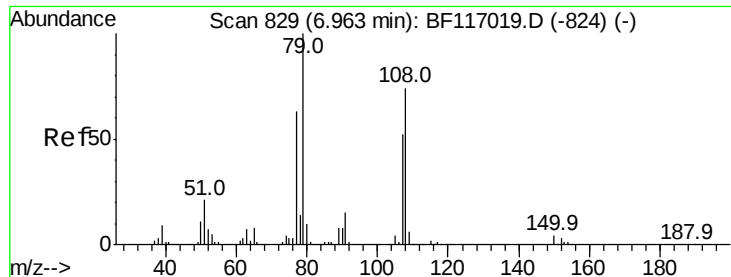
Abundance

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: 42.474 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

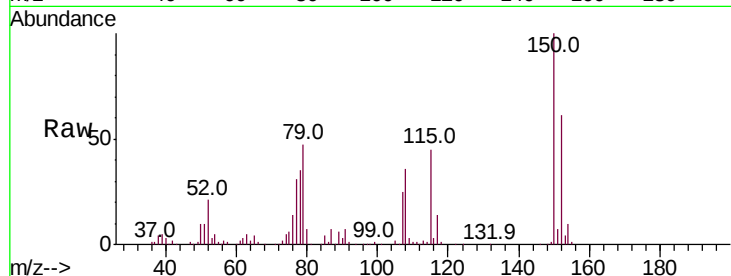
Tot Ion: 79 Resp: 117506

Ion Ratio Lower Upper

79 100

108 76.7 59.4 89.0

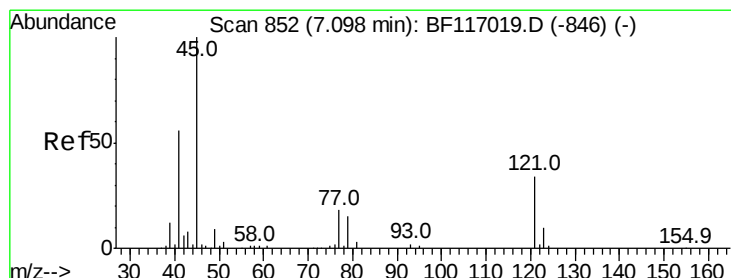
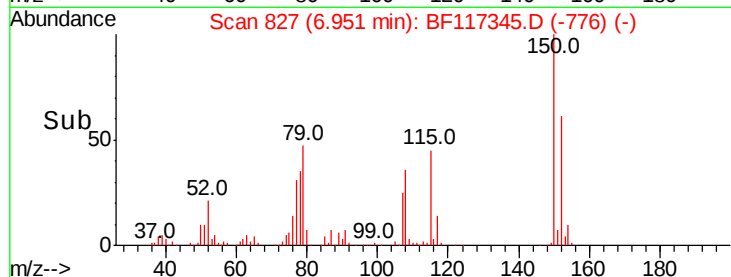
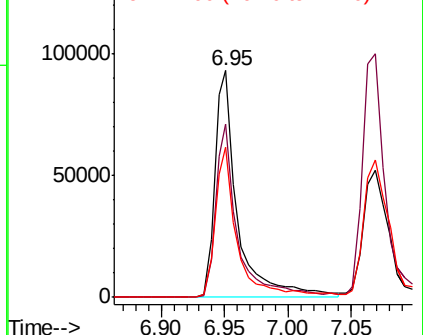
77 66.1 50.2 75.2



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: 42.707 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

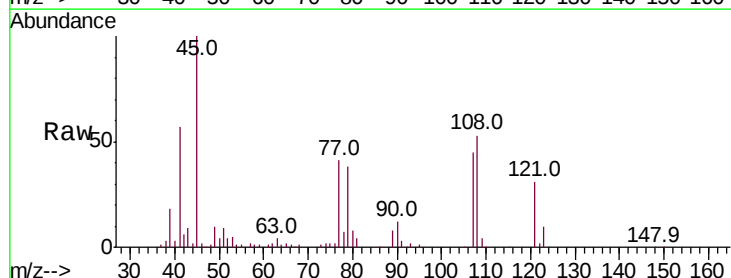
Tgt Ion: 45 Resp: 123335

Ion Ratio Lower Upper

45 100

77 40.9 2.7 42.7

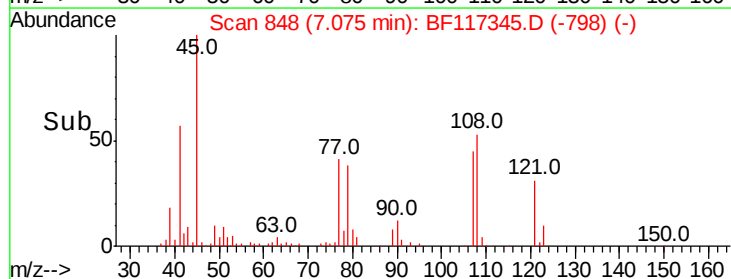
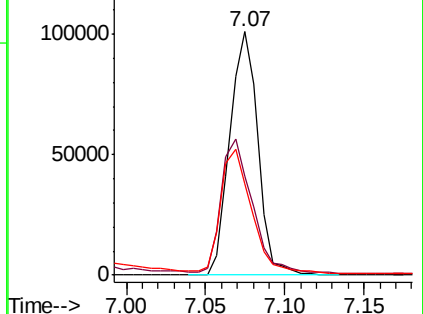
79 37.7 0.0 38.9

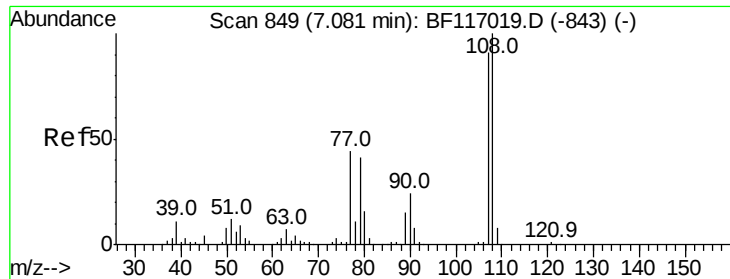


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

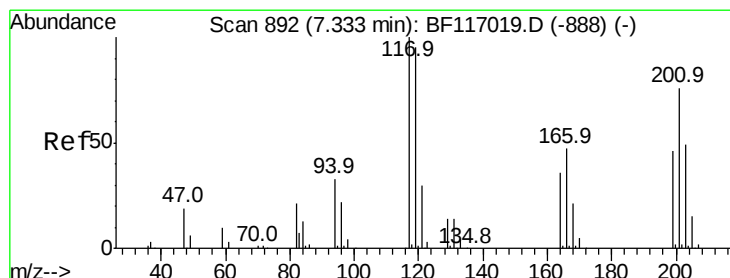
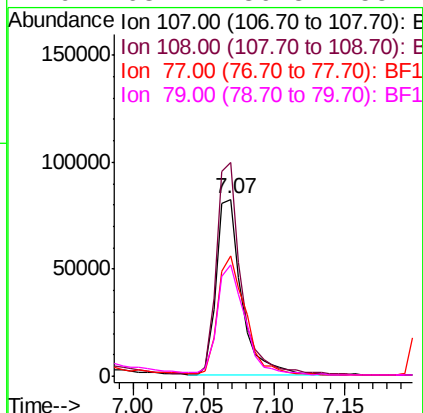
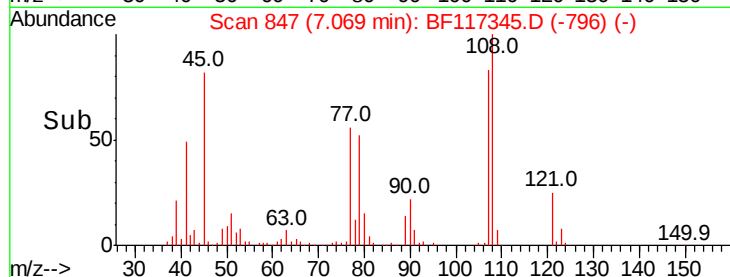
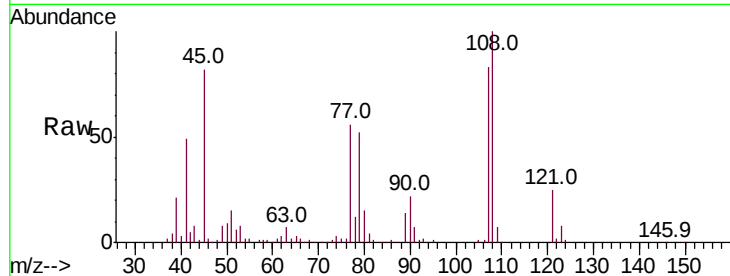




#17
2-Methylphenol
Concen: 40.769 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

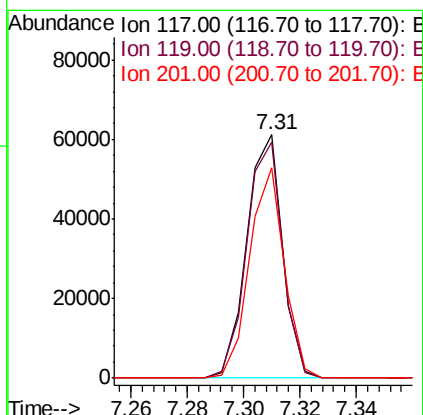
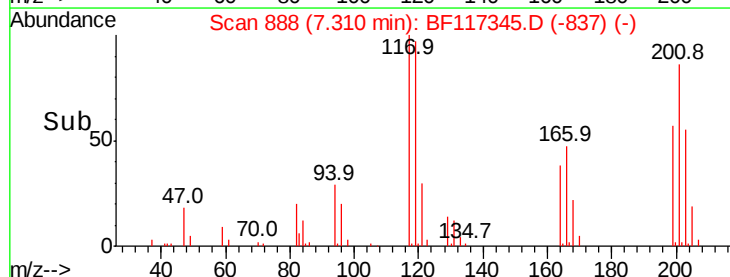
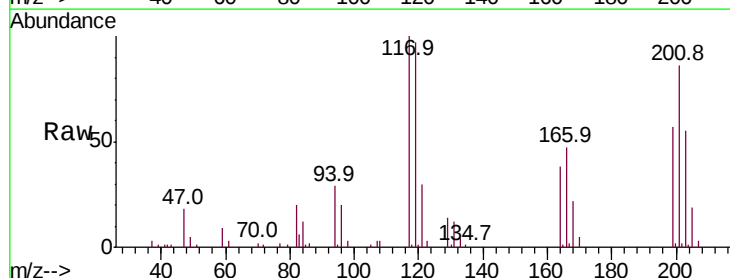
Instrument :
BNA_F
ClientSampleId :

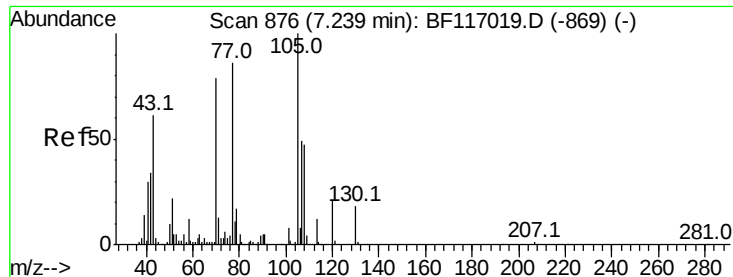
Tot Ion:107 Resp: 102899
Ion Ratio Lower Upper
107 100
108 120.7 87.7 131.5
77 68.1 38.6 58.0#
79 63.1 36.8 55.2#



#18
Hexachloroethane
Concen: 40.393 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:117 Resp: 53590
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 86.3 60.9 91.3

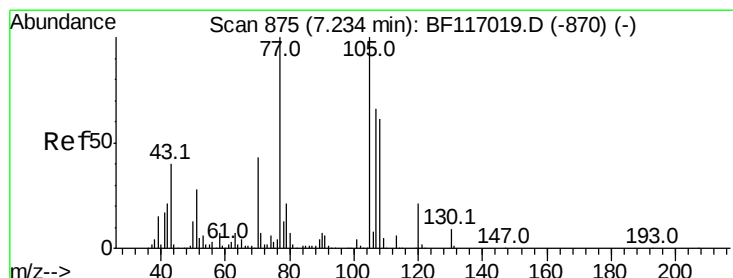
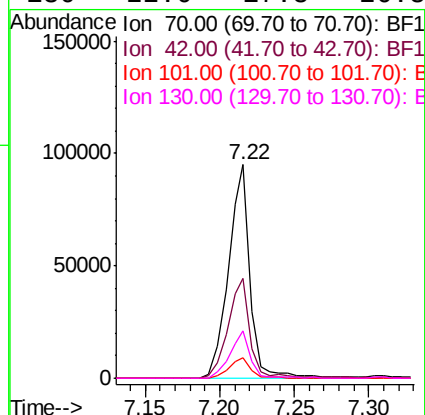
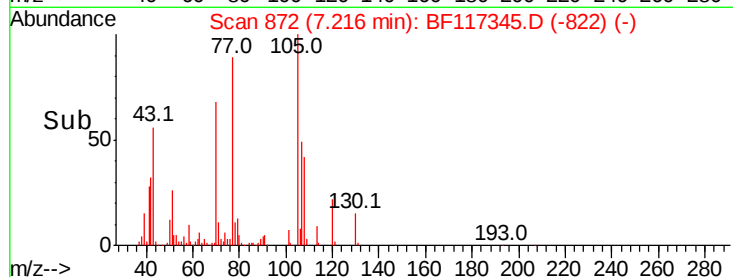
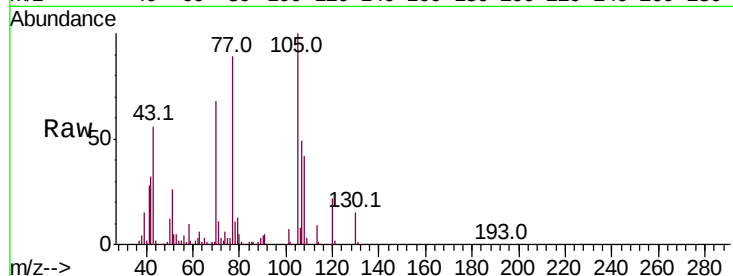




#19
n-Nitroso-di-n-propylamine
Concen: 44.133 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

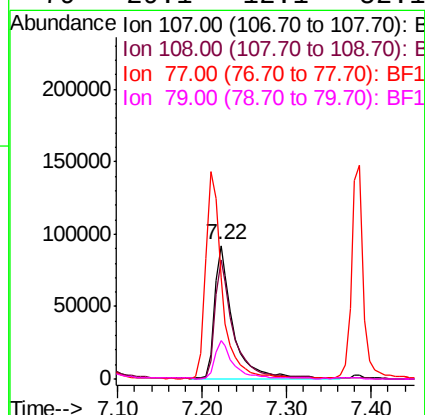
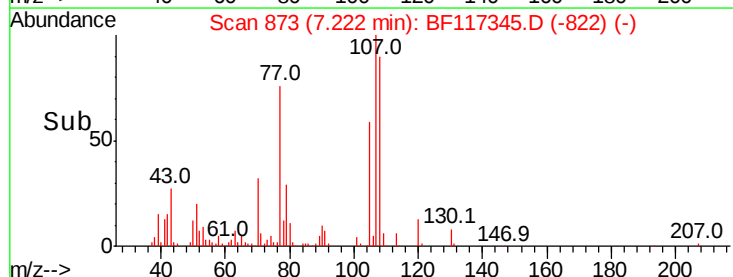
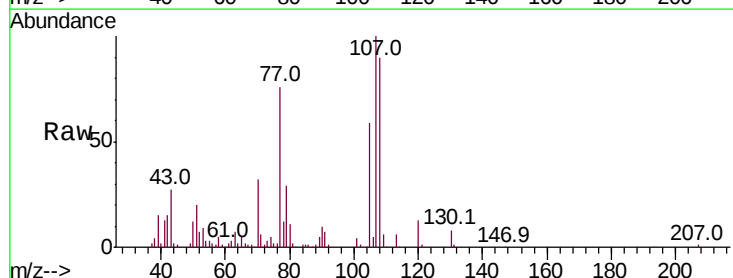
Instrument :
BNA_F
ClientSampleId :

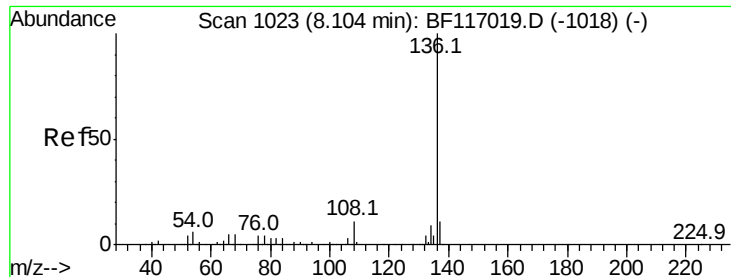
Tot Ion:	70	Resp:	96953
Ion	Ratio	Lower	Upper
70	100		
42	47.0	34.0	51.0
101	9.8	7.8	11.6
130	22.0	17.8	26.8



#20
3+4-Methylphenols
Concen: 44.460 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:	107	Resp:	139774
Ion	Ratio	Lower	Upper
107	100		
108	89.9	72.6	112.6
77	76.0	132.1	172.1#
79	29.1	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

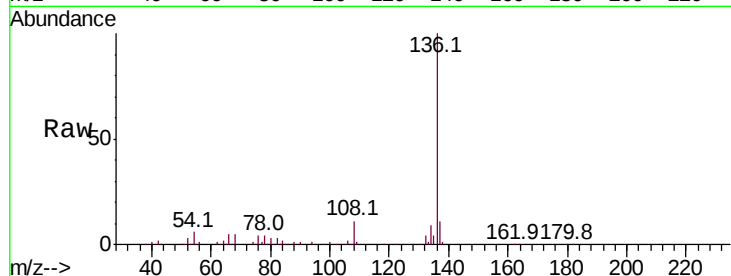
Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	179213
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	5.6	4.5 6.7
68	4.5	4.0 6.0



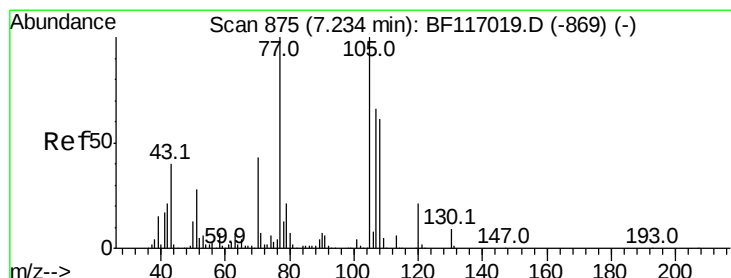
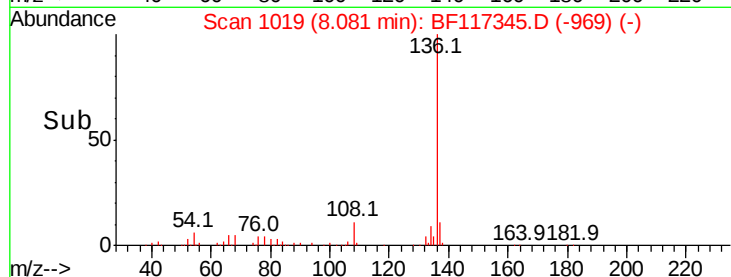
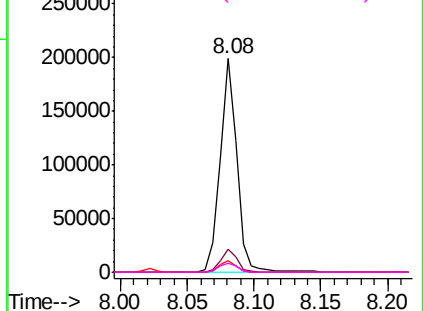
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.514 ng

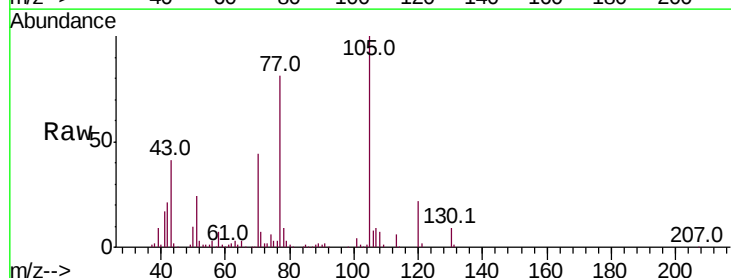
RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:105	Resp:	193579
Ion	Ratio	Lower Upper
105	100	
71	7.2	5.7 8.5
51	23.7	22.1 33.1
120	22.0	17.1 25.7



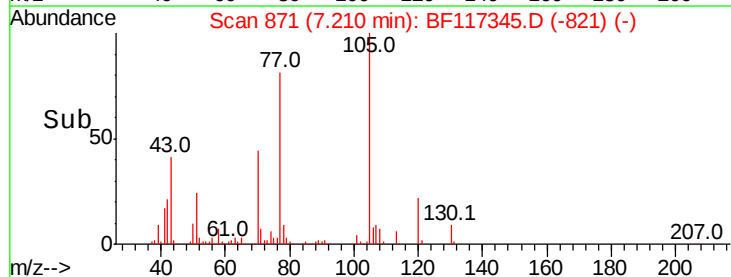
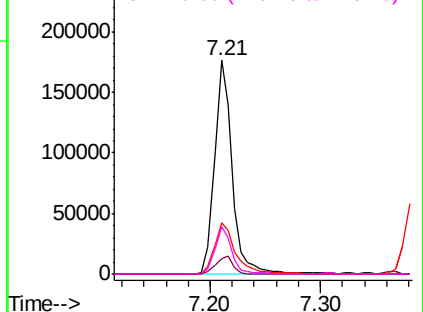
Abundance

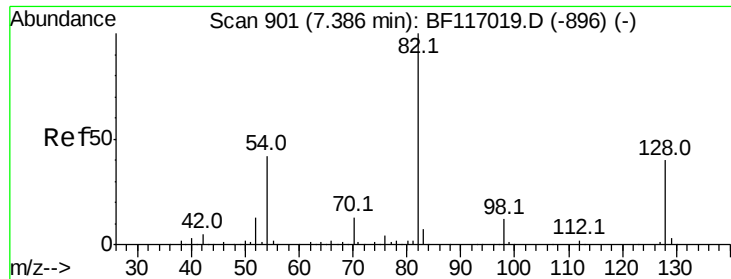
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.733 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

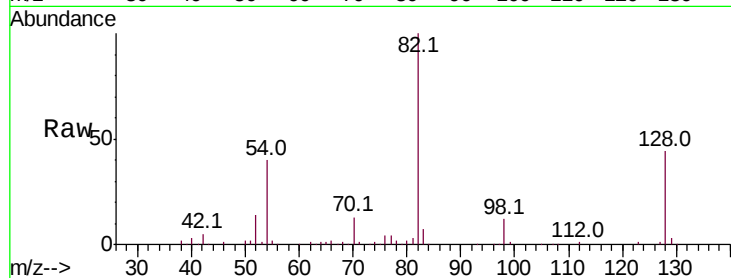
Tot Ion: 82 Resp: 282189

Ion Ratio Lower Upper

82 100

128 43.7 32.3 48.5

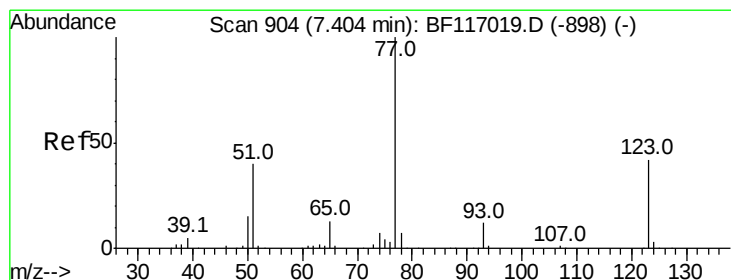
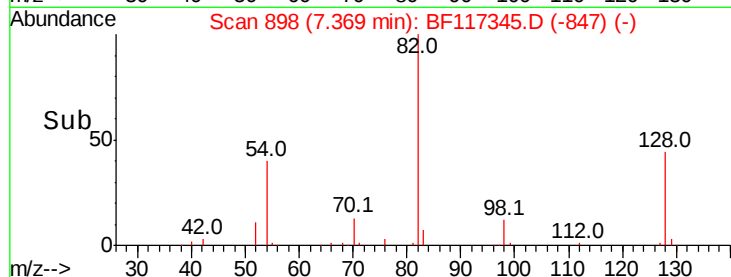
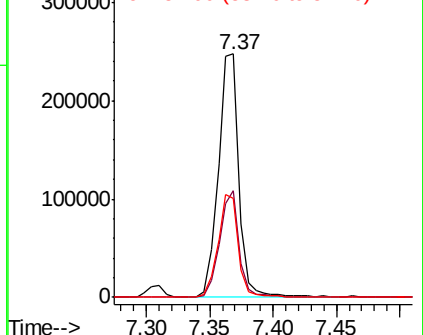
54 40.4 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.966 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

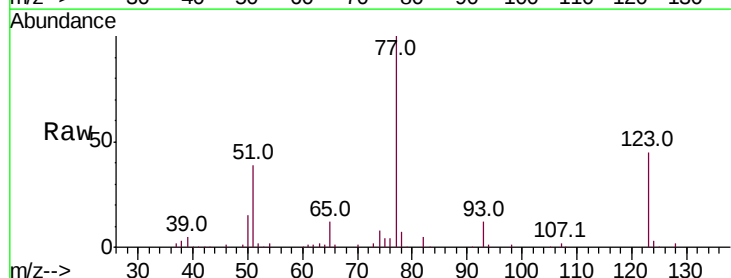
Tgt Ion: 77 Resp: 144724

Ion Ratio Lower Upper

77 100

123 44.7 33.5 50.3

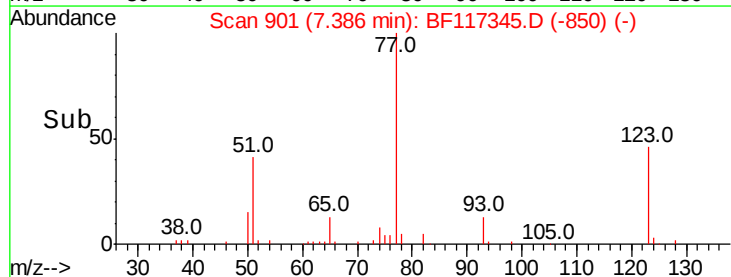
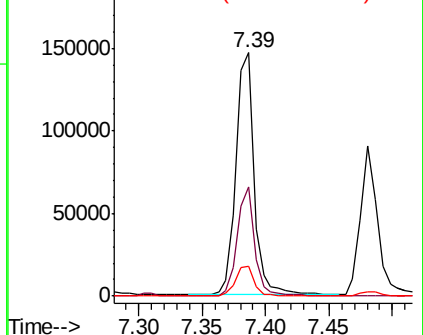
65 12.2 10.5 15.7

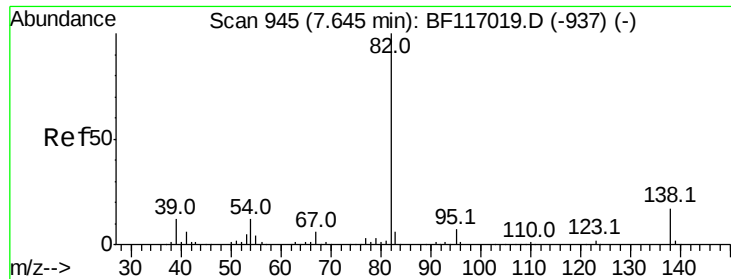


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

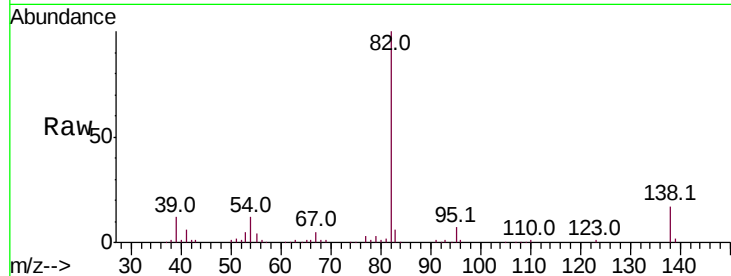




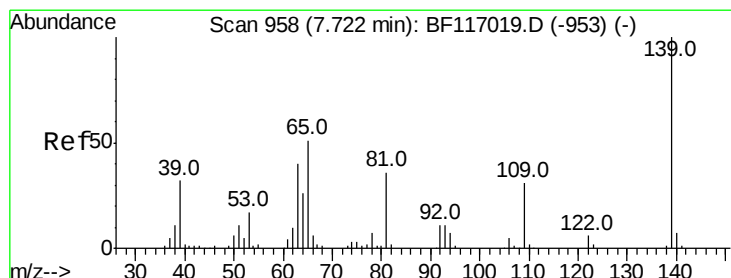
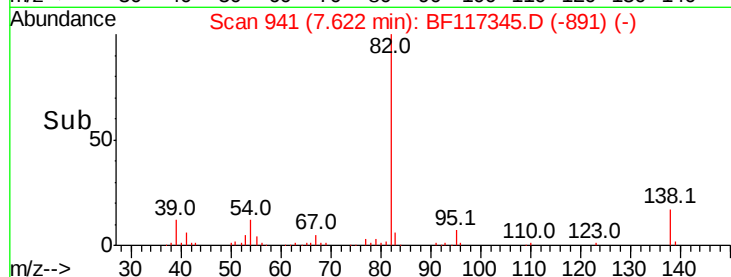
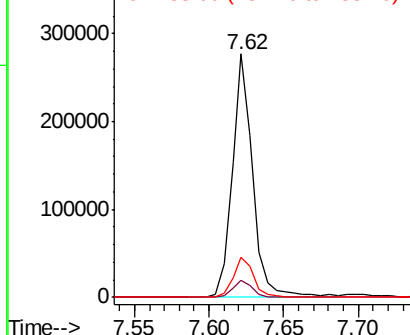
#25
Isophorone
Concen: 44.296 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 267511
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.6
138 16.7 13.5 20.3

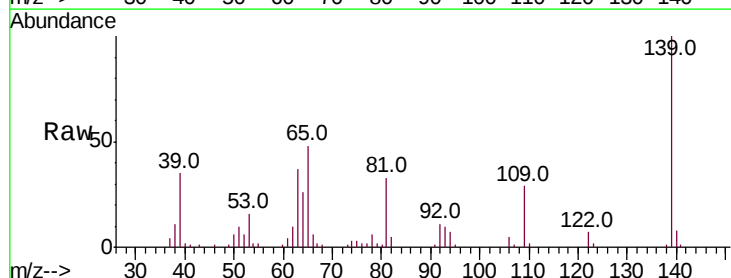


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

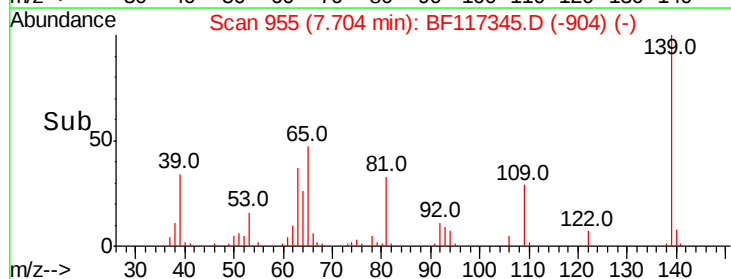
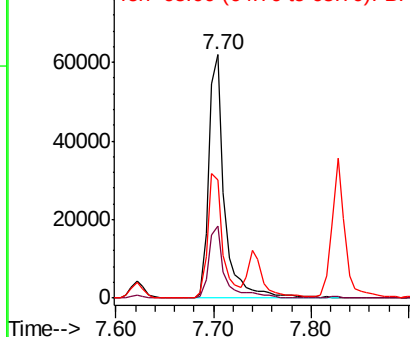


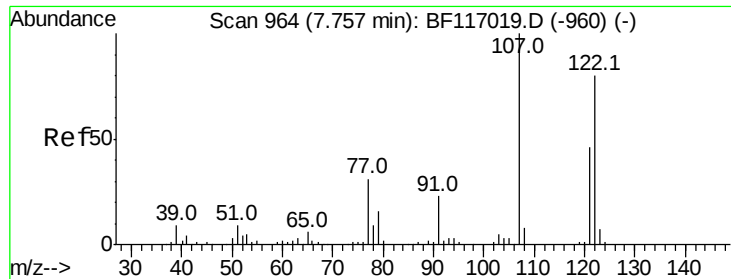
#26
2-Nitrophenol
Concen: 47.802 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion: 139 Resp: 69161
Ion Ratio Lower Upper
139 100
109 29.4 24.6 36.8
65 48.3 40.9 61.3



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 50.281 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

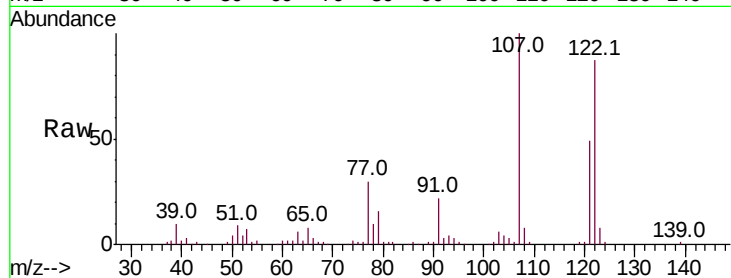
Tot Ion:122 Resp: 115363

Ion Ratio Lower Upper

122 100

107 115.2 98.9 148.3

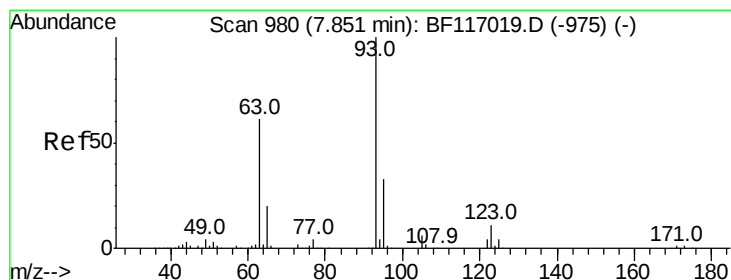
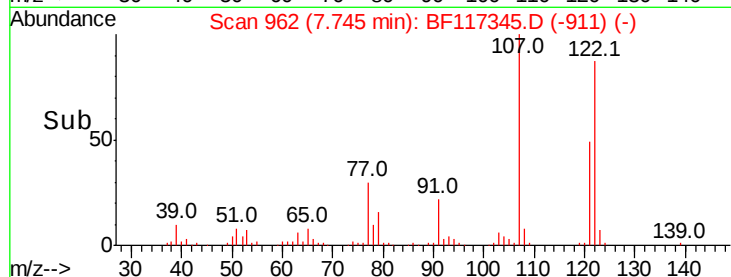
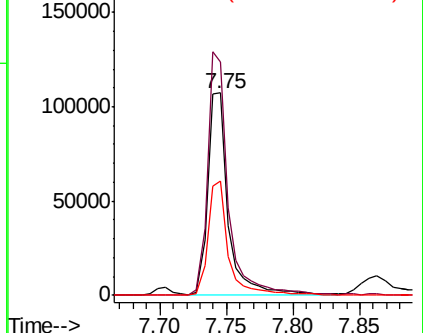
121 56.3 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.622 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

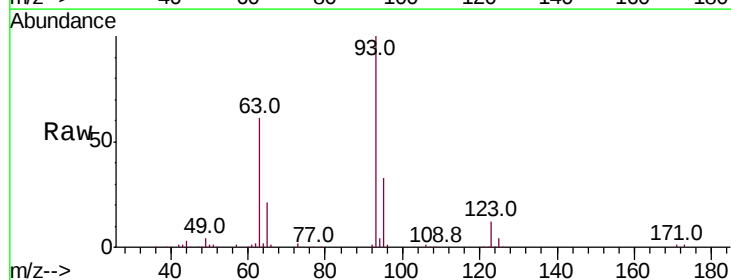
Tgt Ion: 93 Resp: 158586

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.4

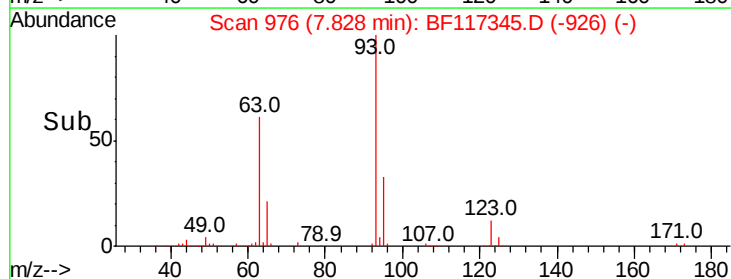
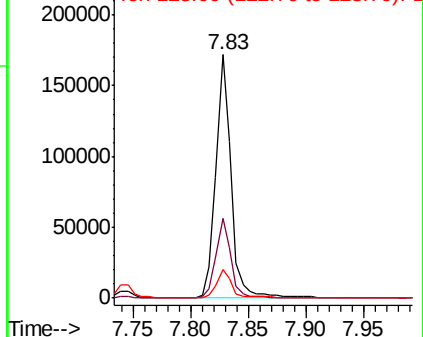
123 11.5 9.0 13.6

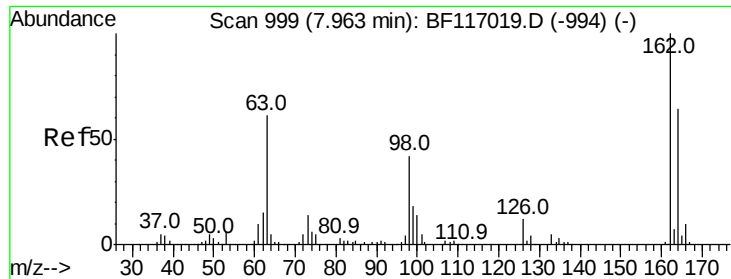


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

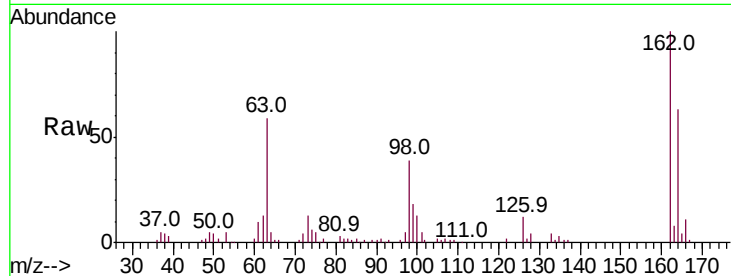




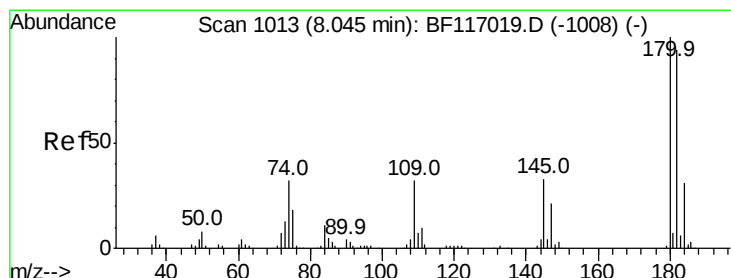
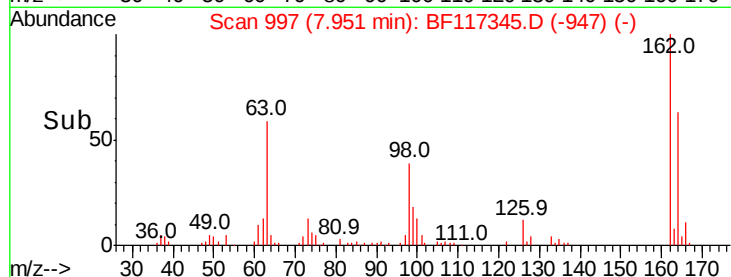
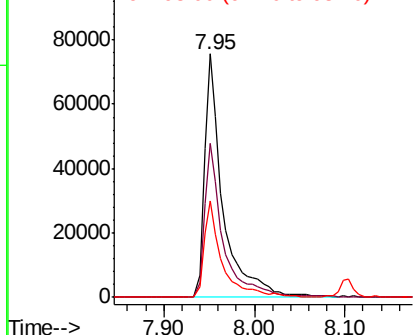
#29
 2,4-Dichlorophenol
 Concen: 44.784 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.8	83.8
98	39.5	22.1	62.1

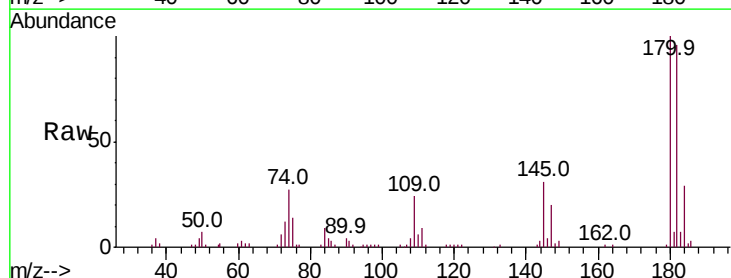


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

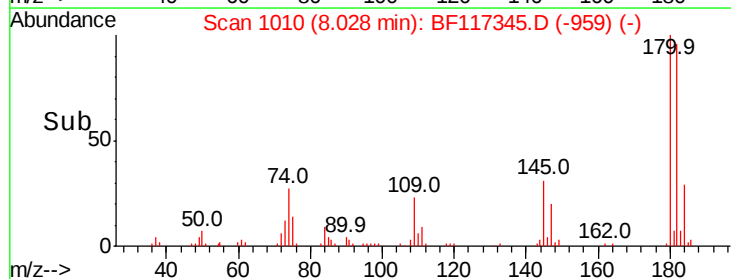
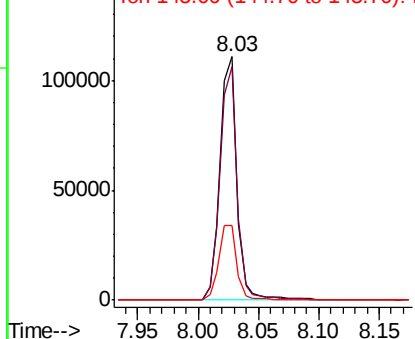


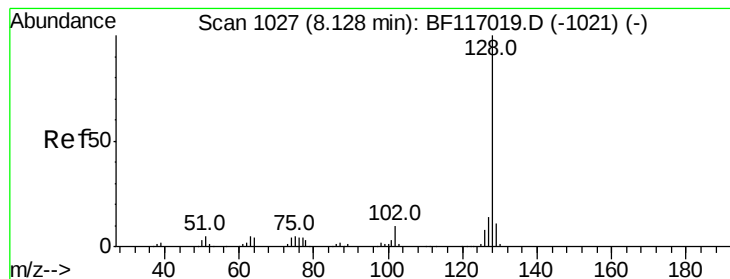
#30
 1,2,4-Trichlorobenzene
 Concen: 41.398 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.4	113.0
145	30.9	26.7	40.1



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: 44.289 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampled :

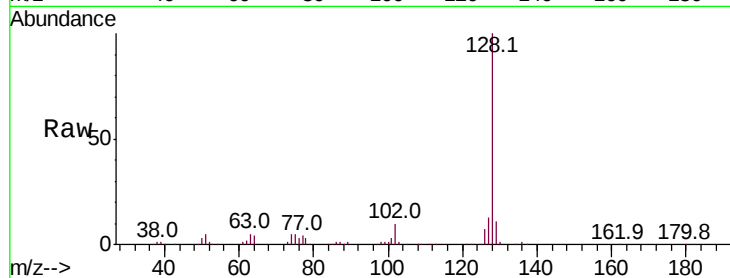
Tot Ion:128 Resp: 381728

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

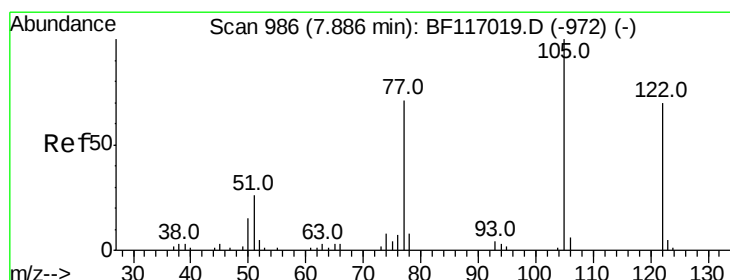
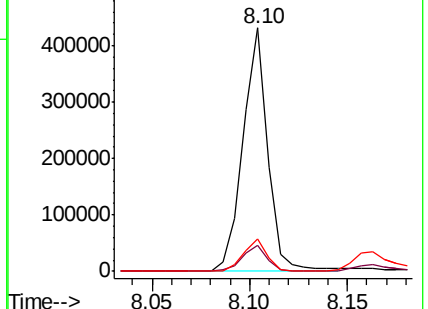
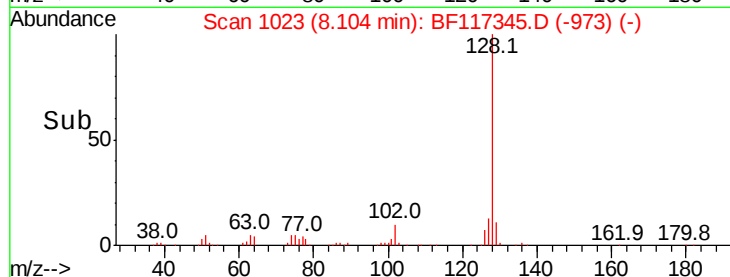
127 13.1 10.8 16.2



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: 16.524 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

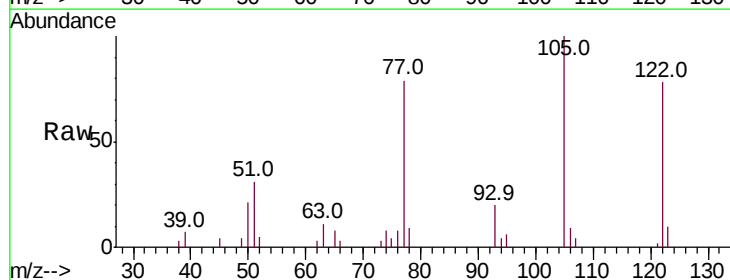
Tgt Ion:122 Resp: 19943

Ion Ratio Lower Upper

122 100

105 128.2 114.8 154.8

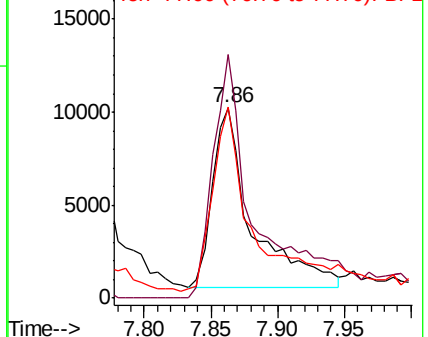
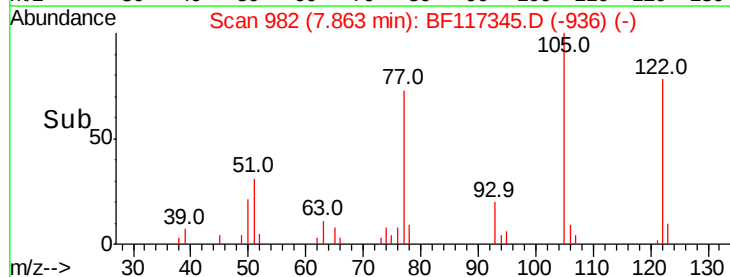
77 100.9 78.7 118.7

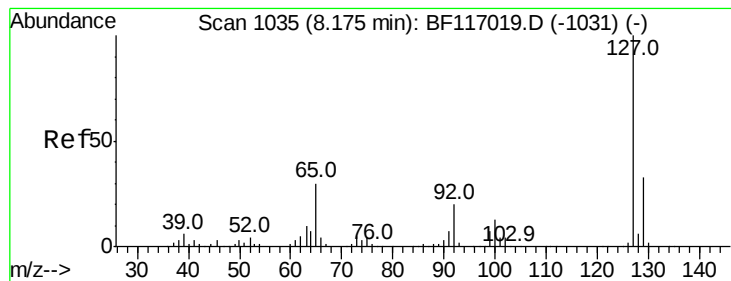


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.902 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 56968

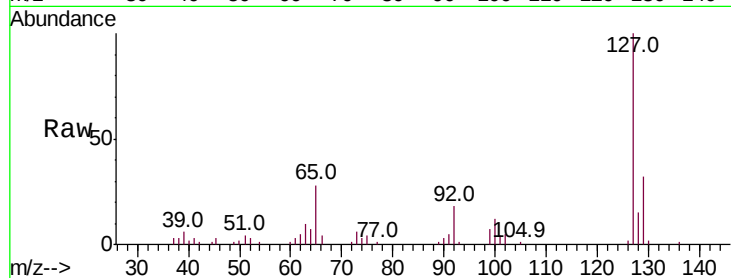
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 27.5 23.5 35.3

92 18.0 15.9 23.9

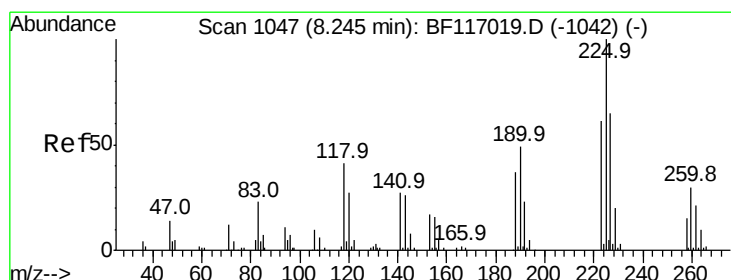
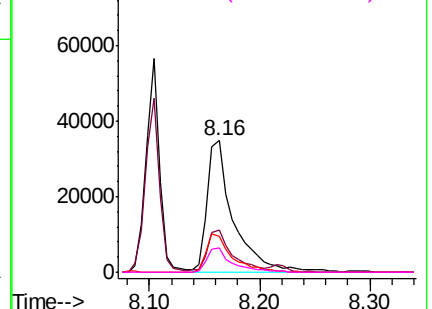
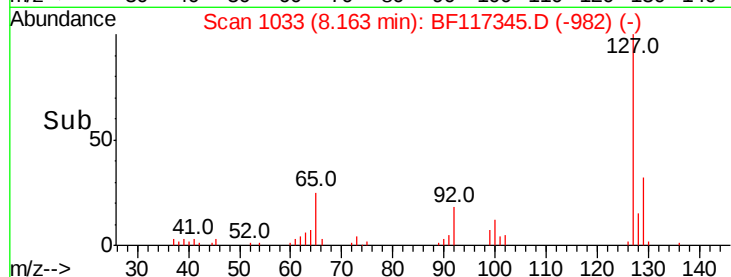


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.098 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

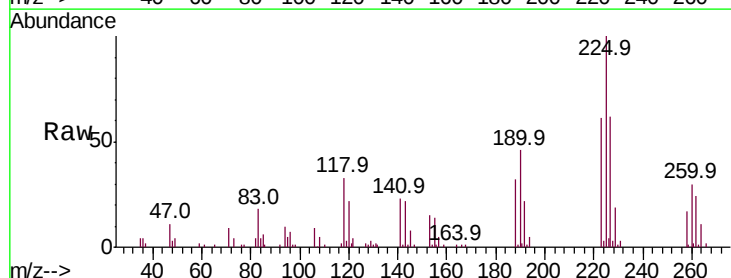
Tgt Ion:225 Resp: 60560

Ion Ratio Lower Upper

225 100

223 61.4 49.1 73.7

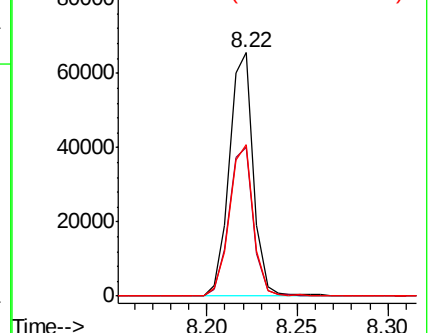
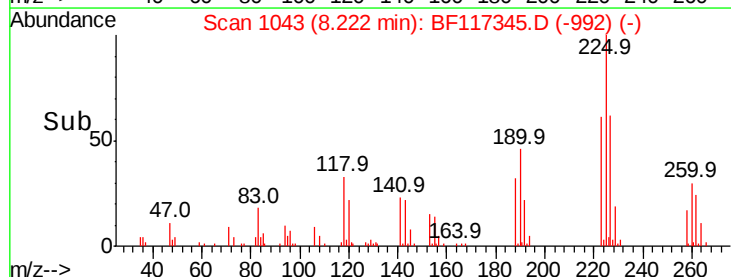
227 62.2 52.2 78.2

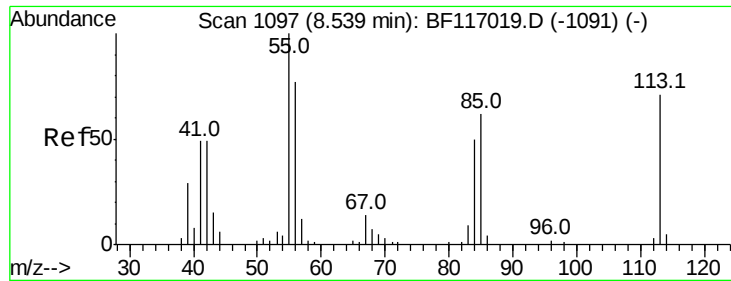


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

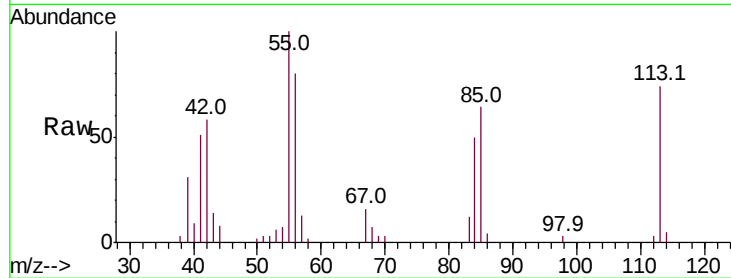




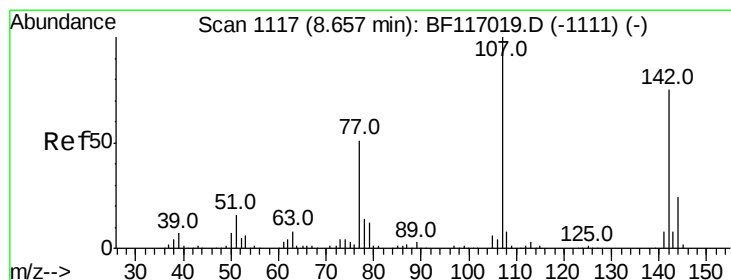
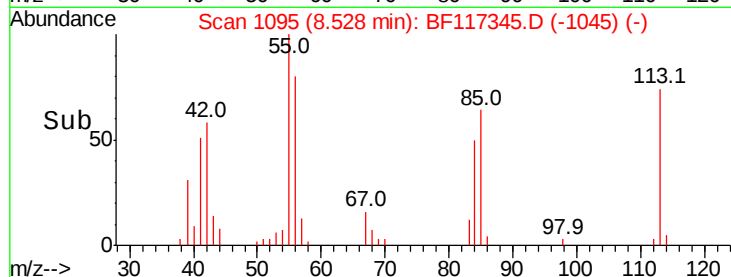
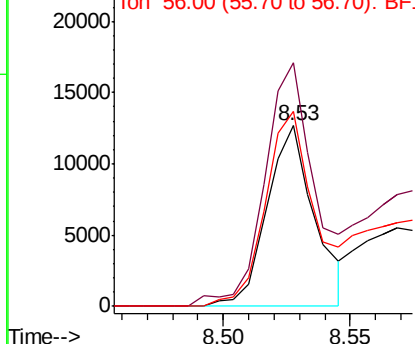
#35
 Caprolactam
 Concen: 20.345 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 16555
 Ion Ratio Lower Upper
 113 100
 55 134.8 120.6 160.6
 56 107.6 88.8 128.8

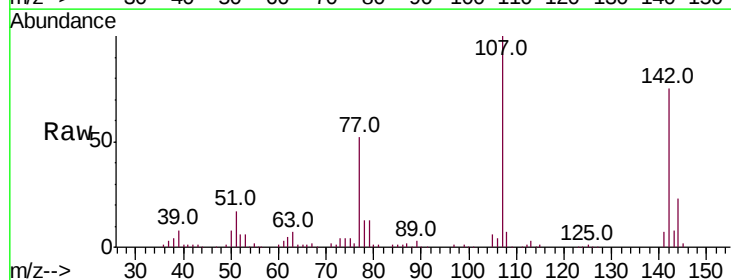


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

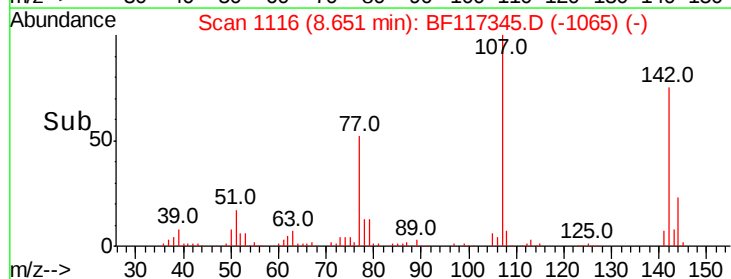
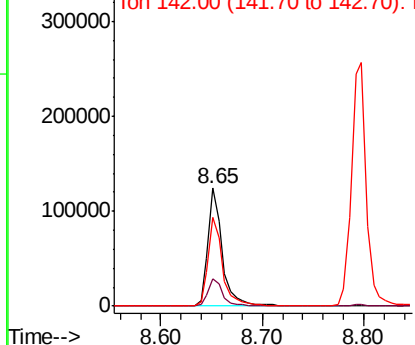


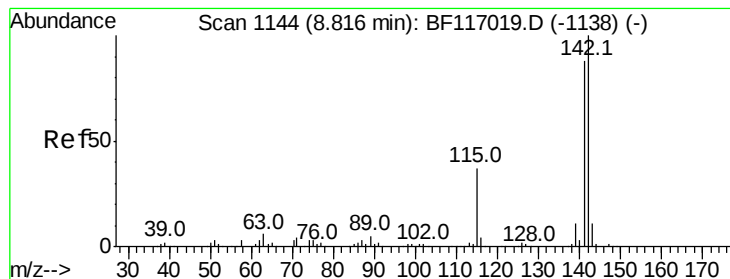
#36
 4-Chloro-3-methylphenol
 Concen: 44.454 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:107 Resp: 124613
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.2 28.8
 142 75.5 59.6 89.4



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

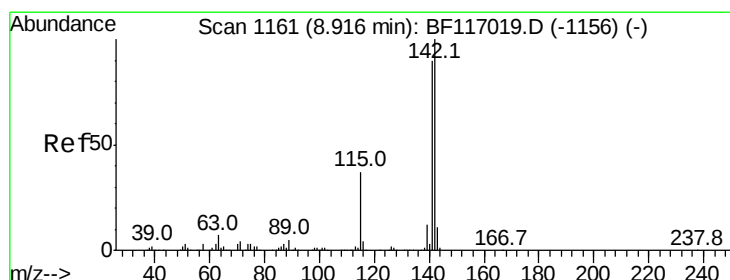
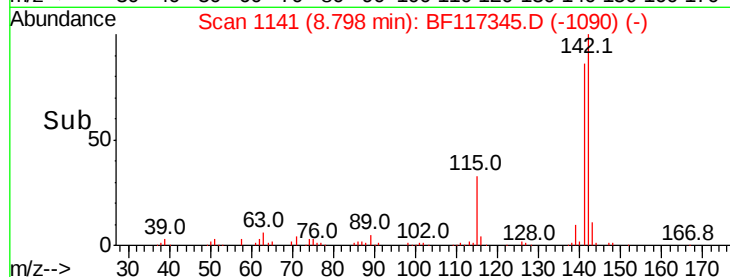
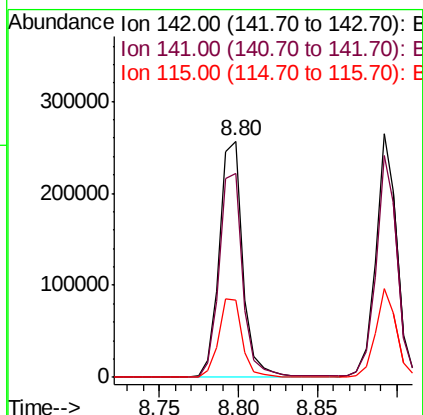
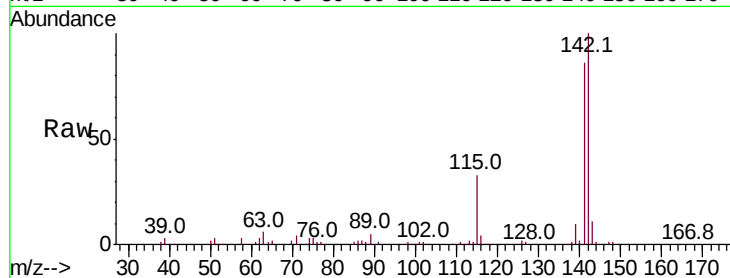




#37
2-Methylnaphthalene
Concen: 45.553 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

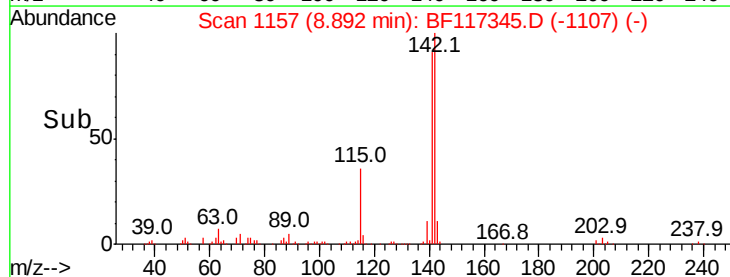
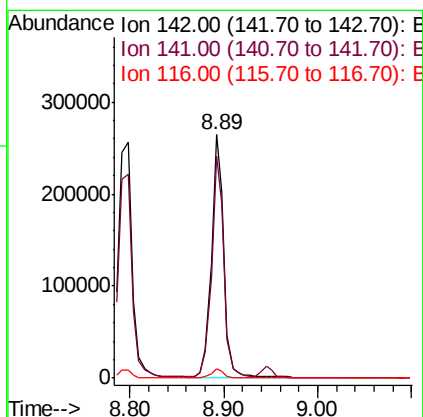
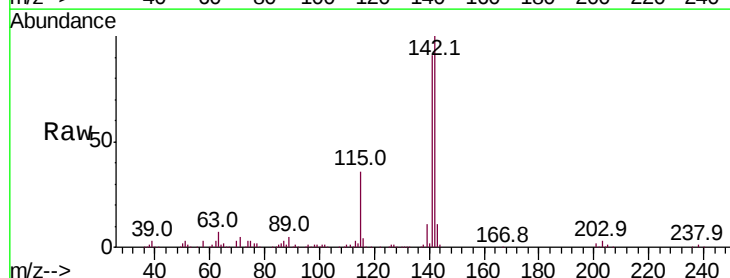
Instrument :
BNA_F
ClientSampleId :

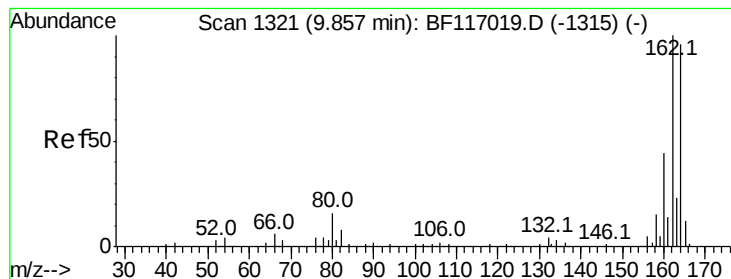
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.7	106.1
115	32.8	29.4	44.0



#38
1-Methylnaphthalene
Concen: 46.164 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	3.6	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampled :

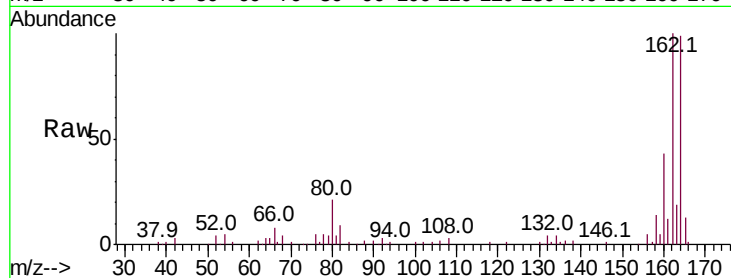
Tot Ion:164 Resp: 94629

Ion Ratio Lower Upper

164 100

162 101.1 83.4 125.2

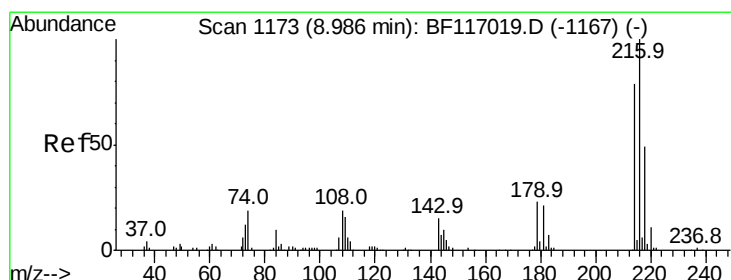
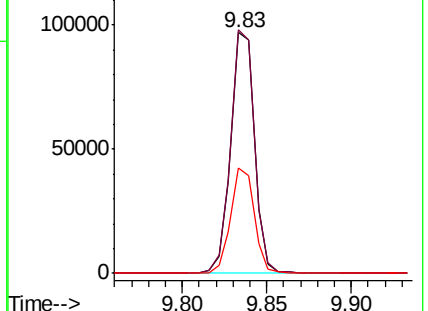
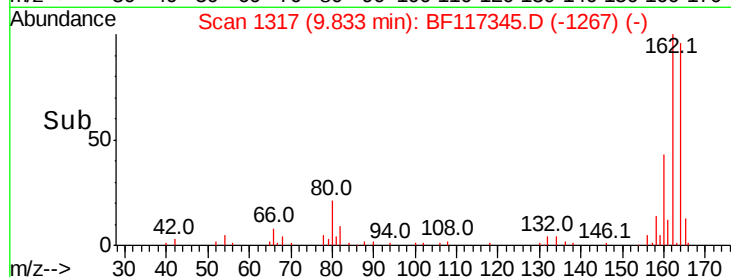
160 43.7 36.4 54.6



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: 41.772 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Tgt Ion:216 Resp: 102074

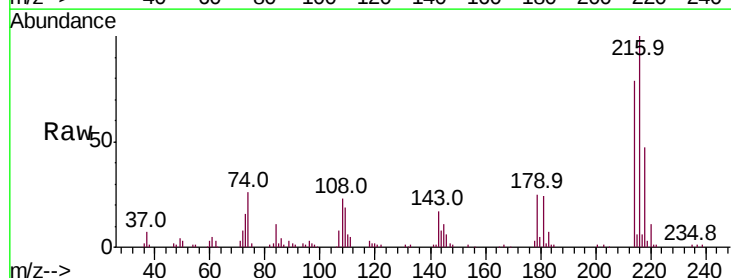
Ion Ratio Lower Upper

216 100

214 78.7 63.6 95.4

179 23.3 18.3 27.5

108 23.1 17.8 26.6

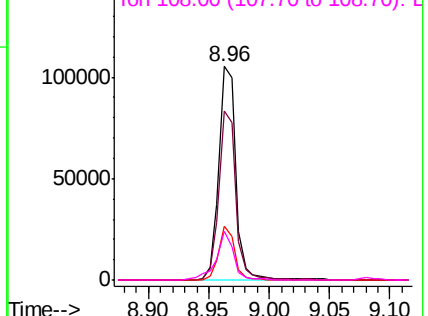
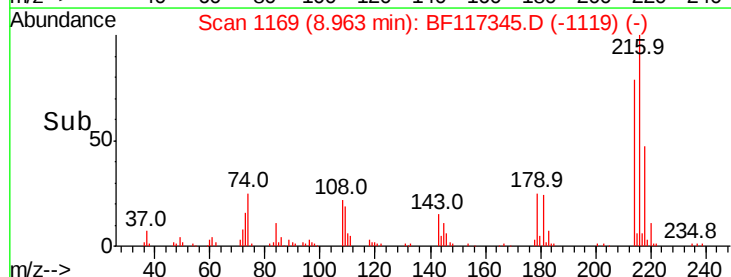


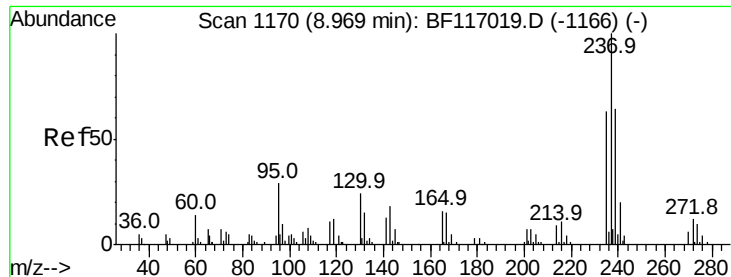
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.879 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampled :

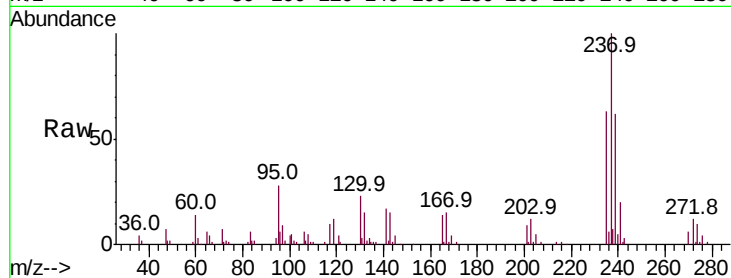
Tot Ion:237 Resp: 65906

Ion Ratio Lower Upper

237 100

235 63.3 43.2 83.2

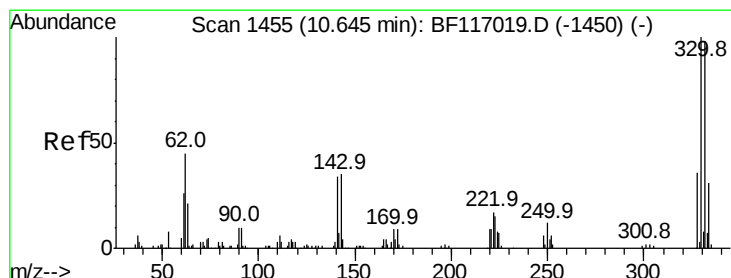
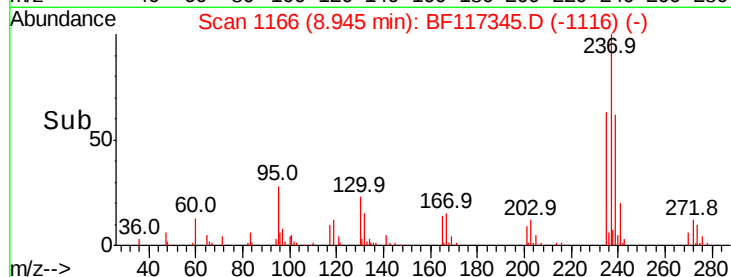
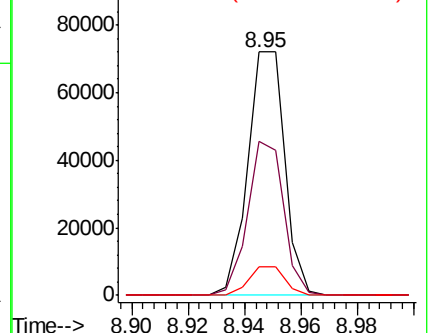
272 12.0 0.0 31.9



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: 123.250 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

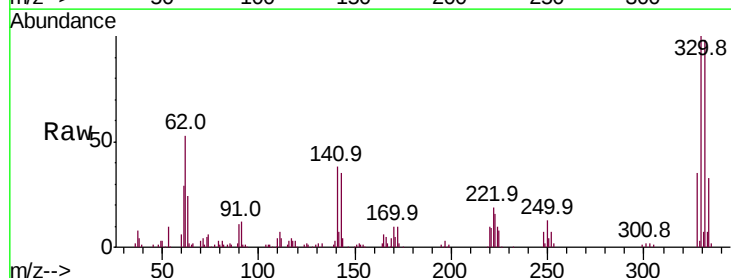
Tgt Ion:330 Resp: 97476

Ion Ratio Lower Upper

330 100

332 95.0 78.0 117.0

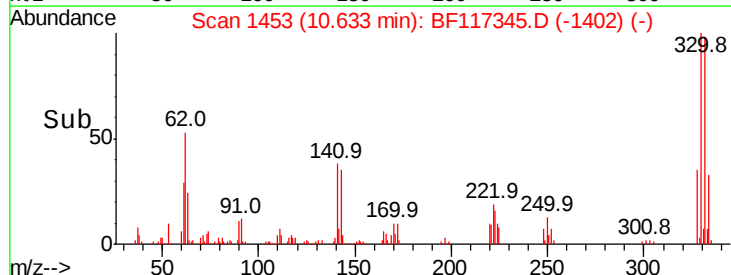
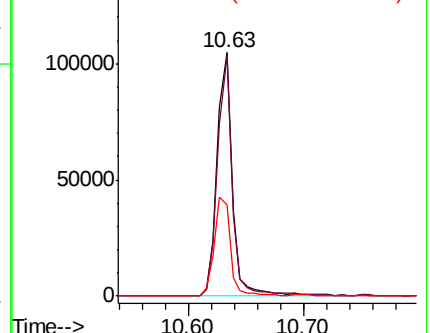
141 43.1 35.8 53.6

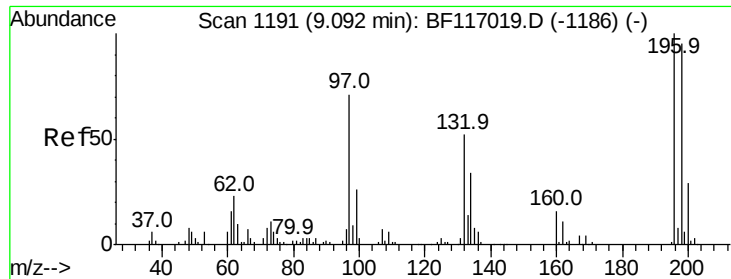


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

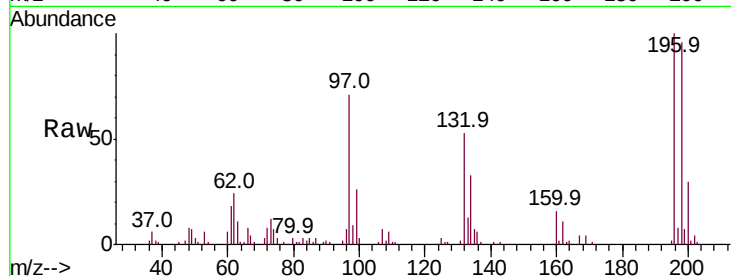




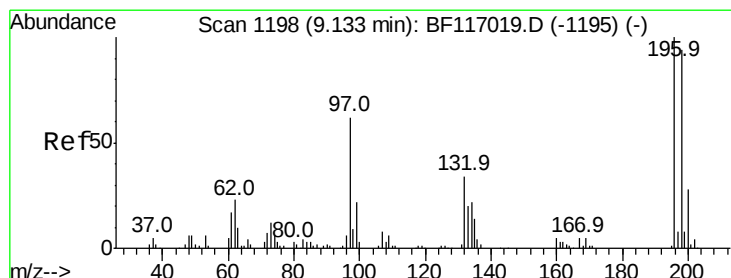
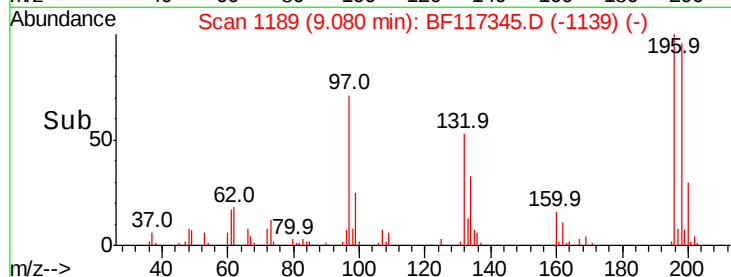
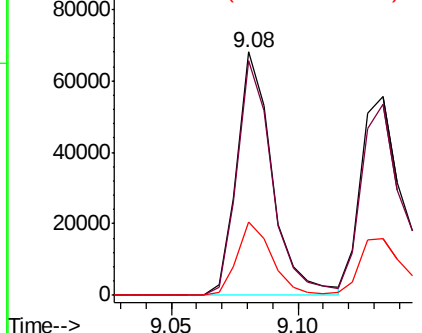
#43
 2,4,6-Trichlorophenol
 Concen: 39.844 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	66072	
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
200	29.9	23.3	34.9

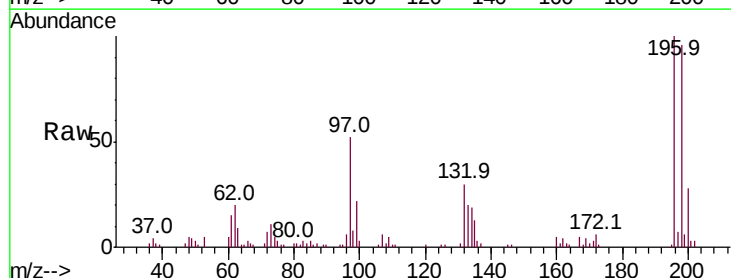


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

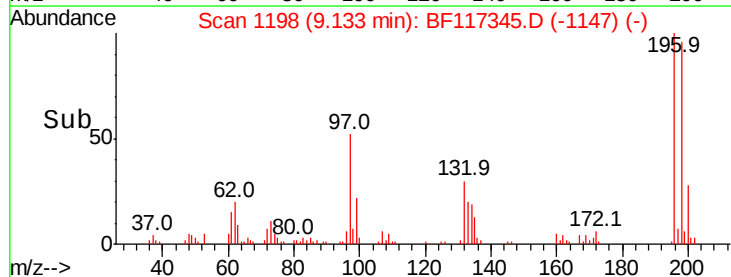
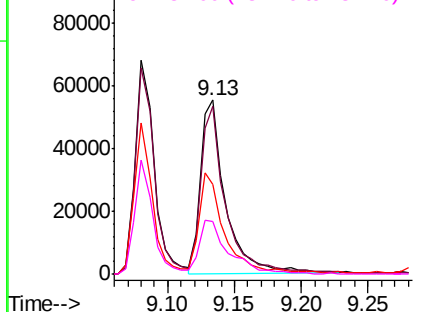


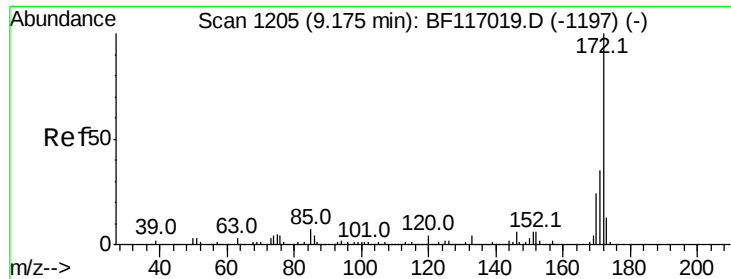
#44
 2,4,5-Trichlorophenol
 Concen: 40.117 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt	Ion:196	Resp:	71077
Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.6	112.0
97	51.6	49.5	74.3
132	30.0	27.4	41.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

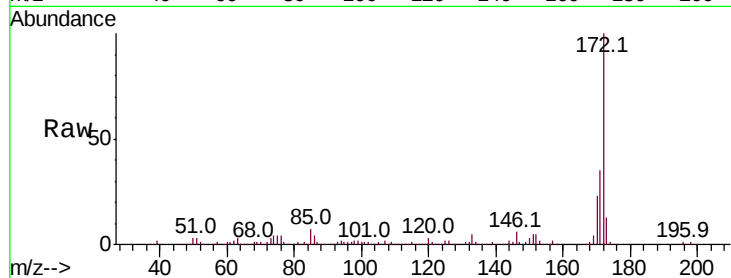




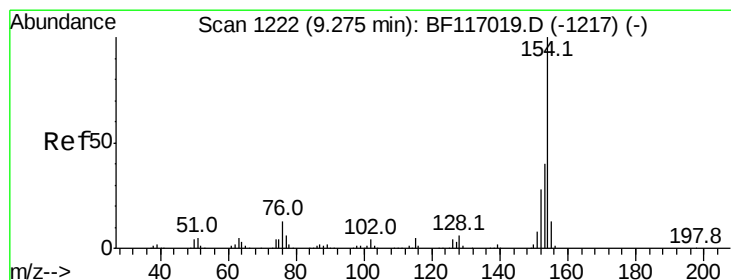
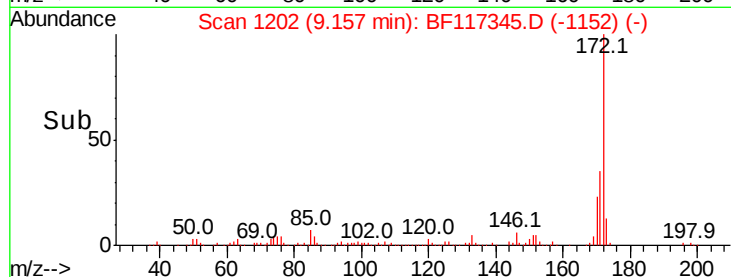
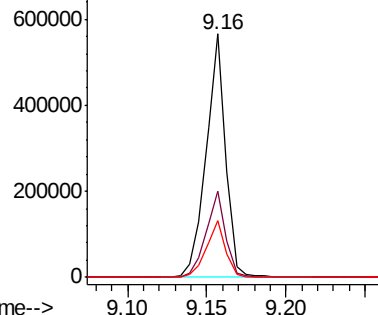
#45
2-Fluorobiphenyl
Concen: 79.615 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	23.1	18.9	28.3

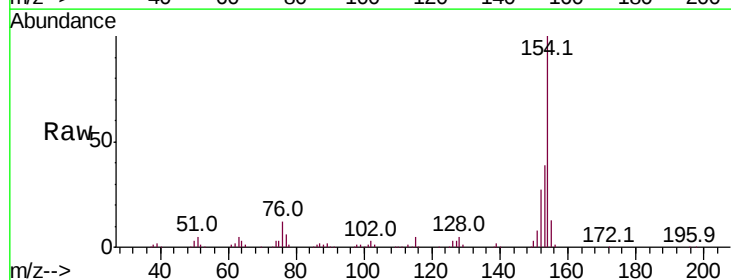


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

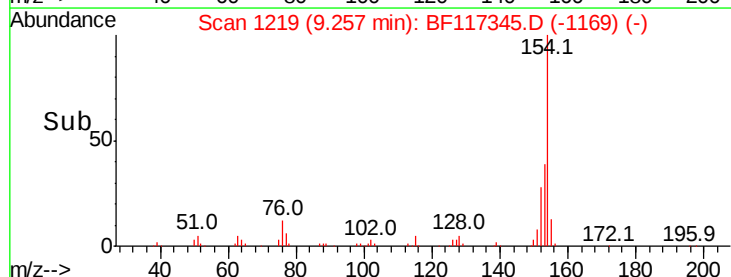
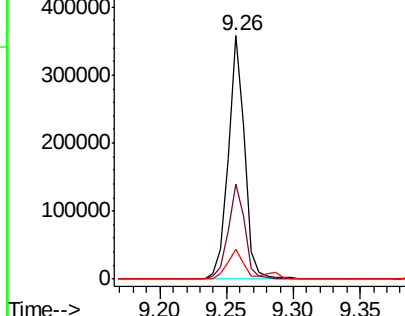


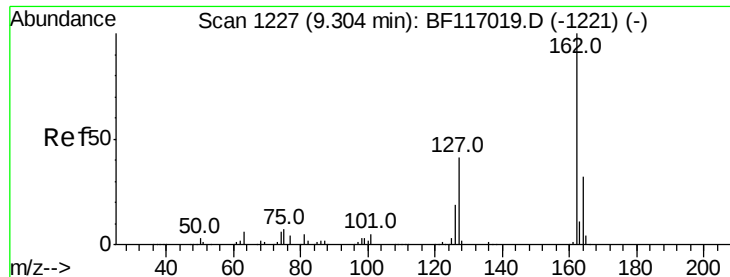
#46
1,1'-Biphenyl
Concen: 41.826 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.0	60.0
76	12.1	0.0	32.7



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

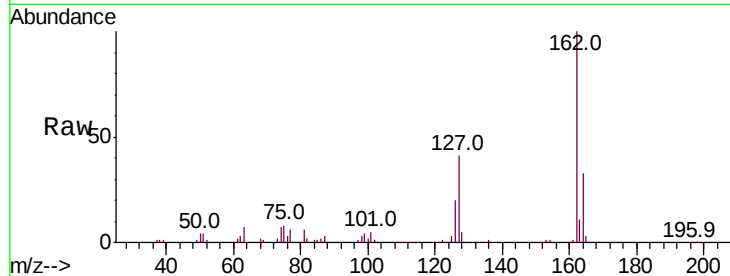




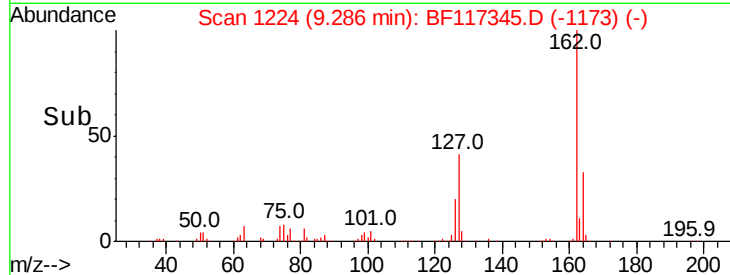
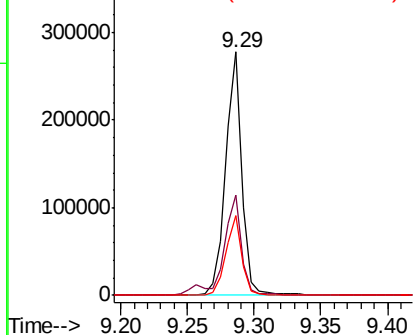
#47
2-Chloronaphthalene
Concen: 41.100 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.1	51.1
164	32.7	25.9	38.9

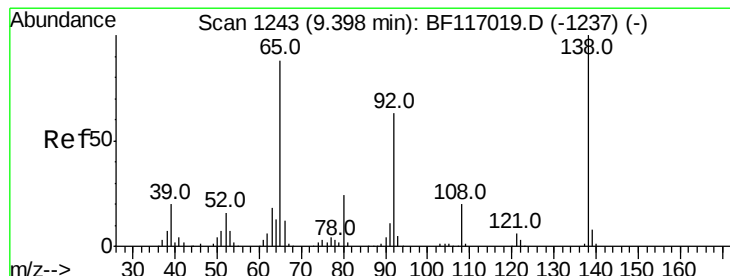


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

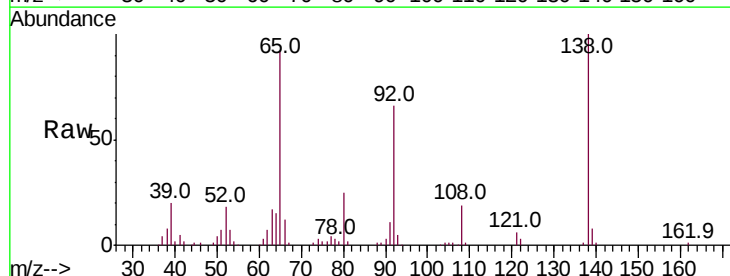
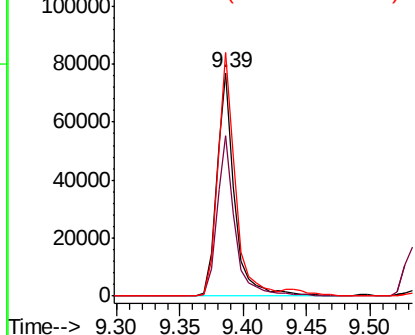


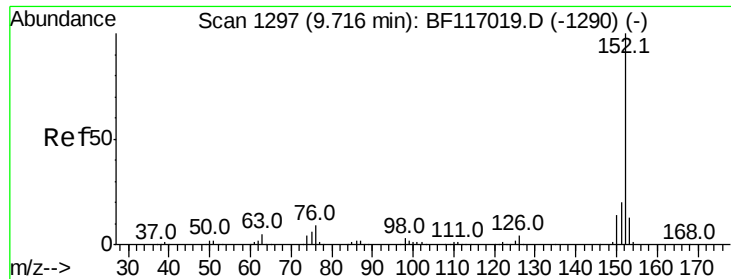
#48
2-Nitroaniline
Concen: 40.406 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.5	86.3
138	108.9	90.6	136.0



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: 43.749 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

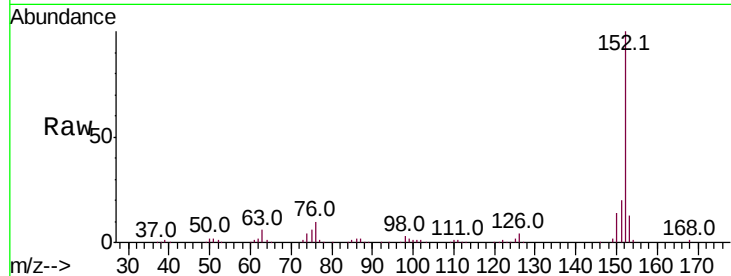
Tot Ion:152 Resp: 383929

Ion Ratio Lower Upper

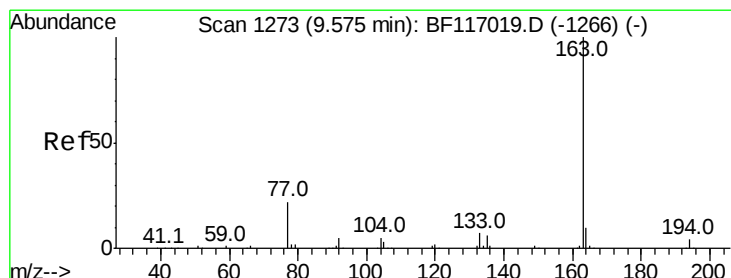
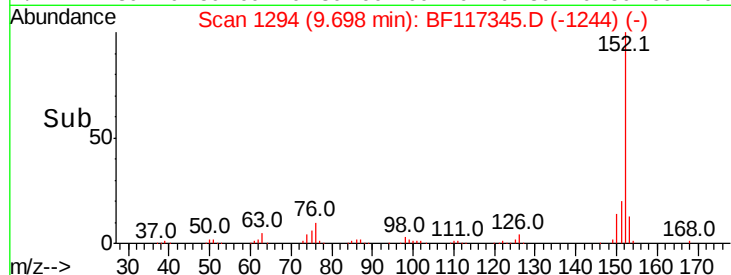
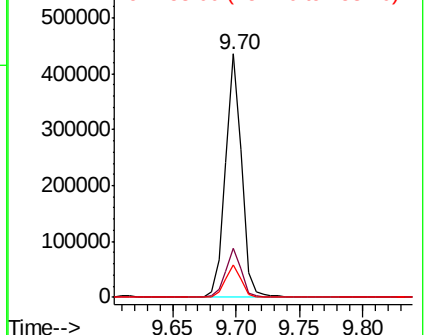
152 100

151 20.0 16.2 24.2

153 13.1 10.2 15.4



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: 52.234 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

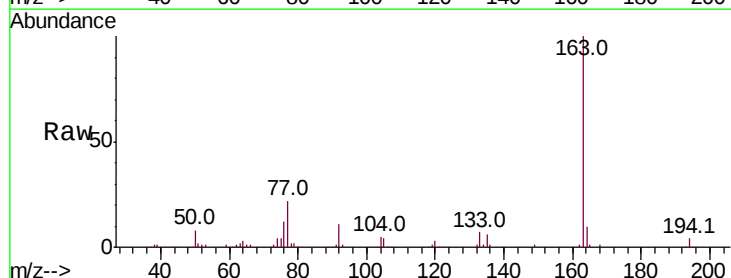
Tgt Ion:163 Resp: 349979

Ion Ratio Lower Upper

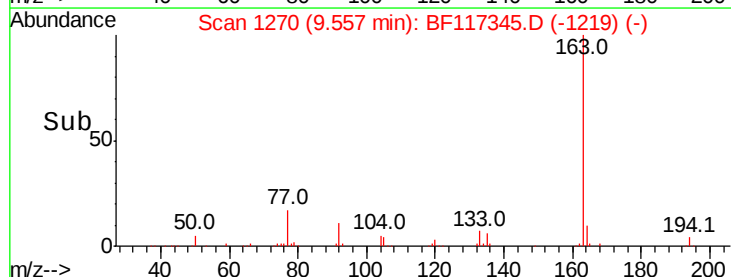
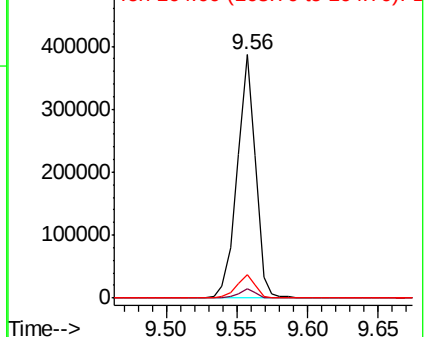
163 100

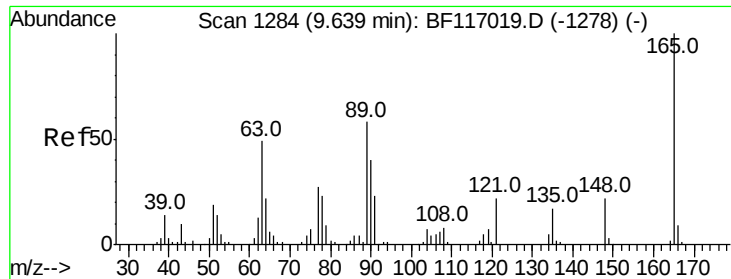
194 3.6 2.9 4.3

164 9.6 8.2 12.4



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: 45.755 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

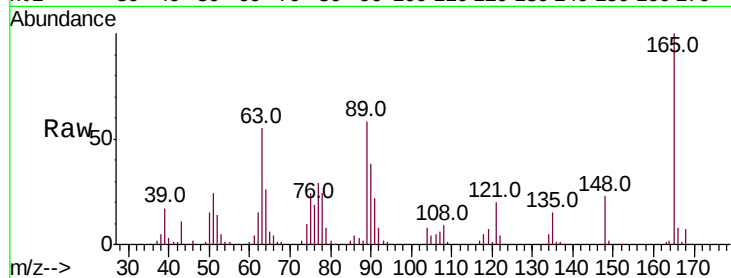
Tot Ion:165 Resp: 62438

Ion Ratio Lower Upper

165 100

63 54.6 41.8 62.8

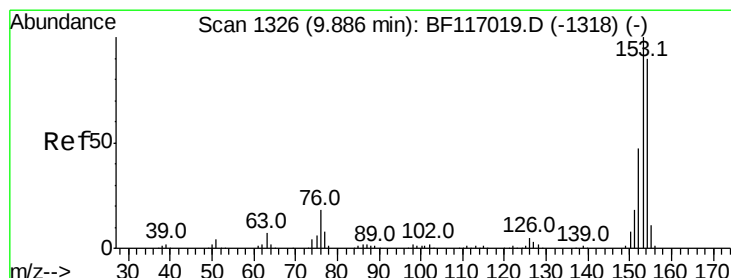
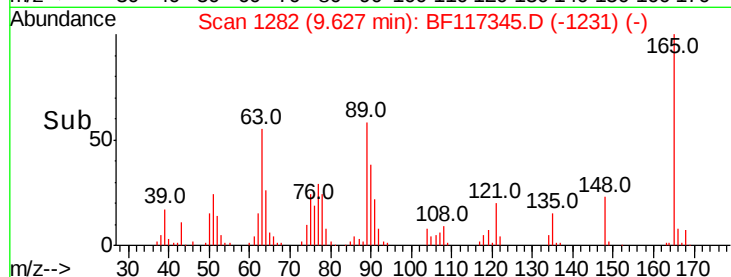
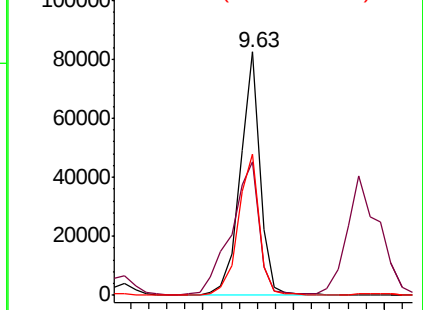
89 58.2 46.5 69.7



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



#52

Acenaphthene

Concen: 42.846 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

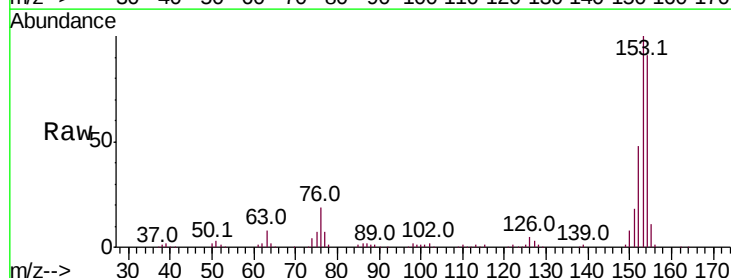
Tgt Ion:154 Resp: 222893

Ion Ratio Lower Upper

154 100

153 109.7 89.0 133.6

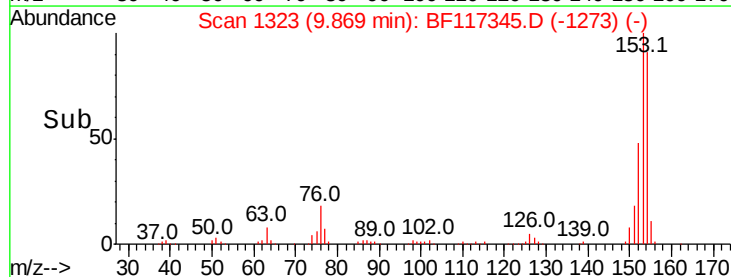
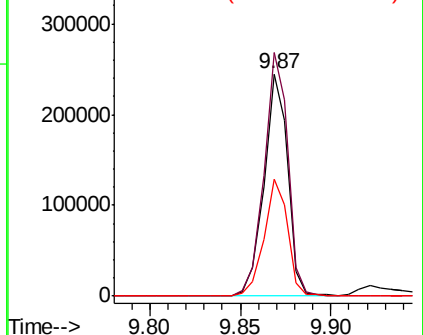
152 52.4 41.9 62.9

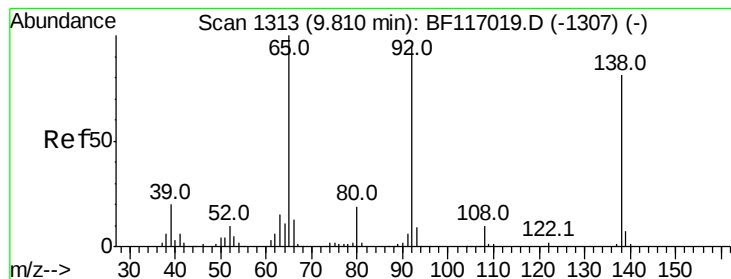


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 22.321 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

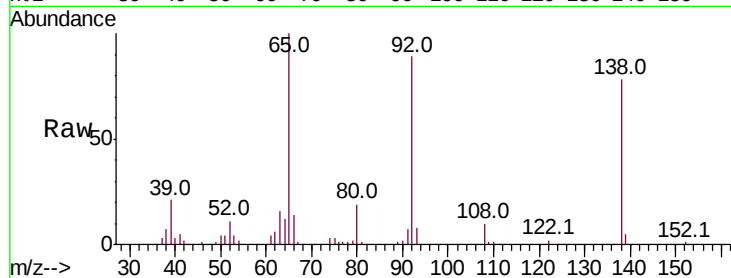
Tot Ion:138 Resp: 38430

Ion Ratio Lower Upper

138 100

108 12.3 9.5 14.3

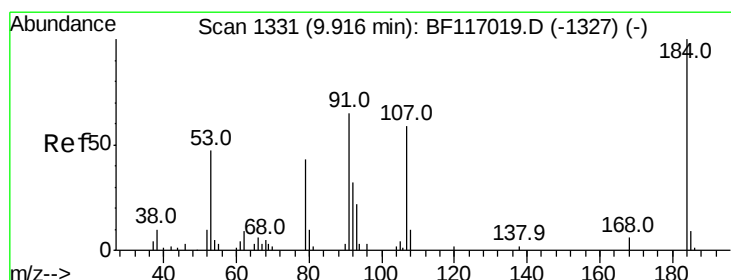
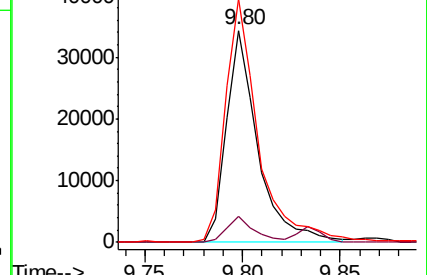
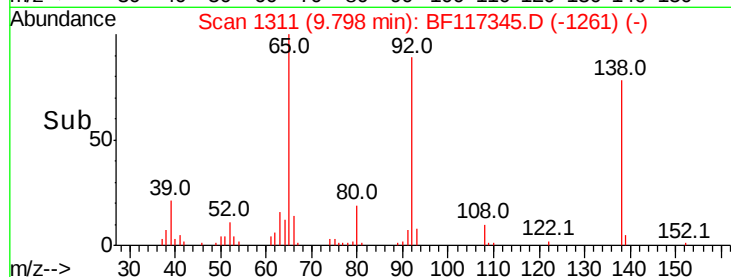
92 114.9 94.1 141.1



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: 61.094 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

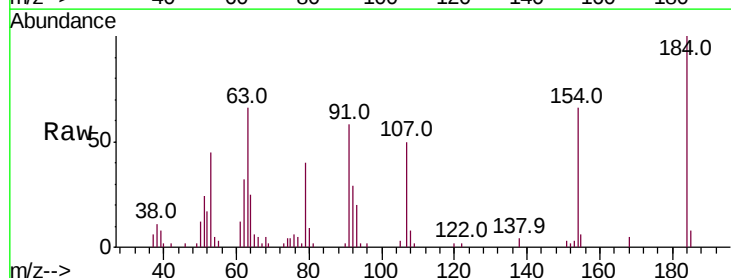
Tgt Ion:184 Resp: 34557

Ion Ratio Lower Upper

184 100

63 66.0 63.8 95.6

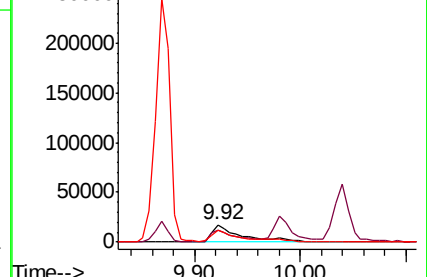
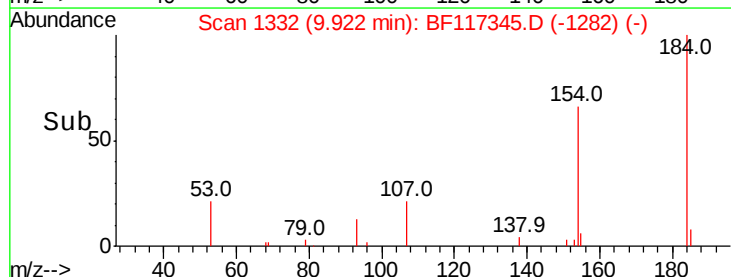
154 66.3 60.4 90.6

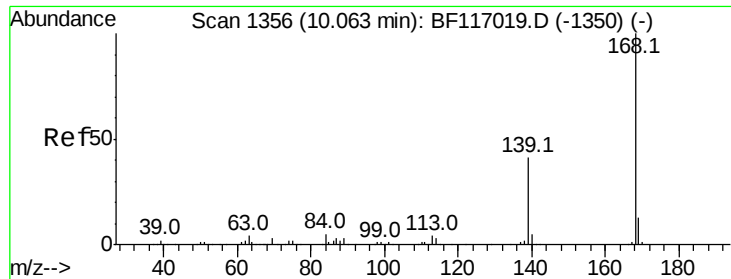


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

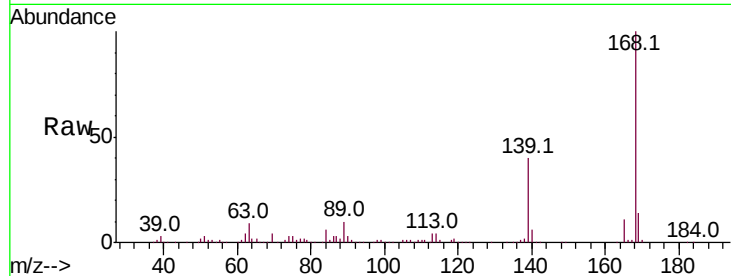




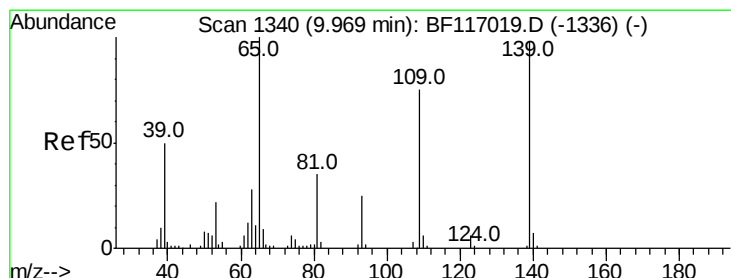
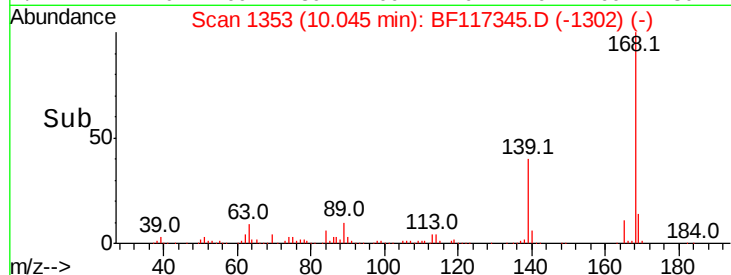
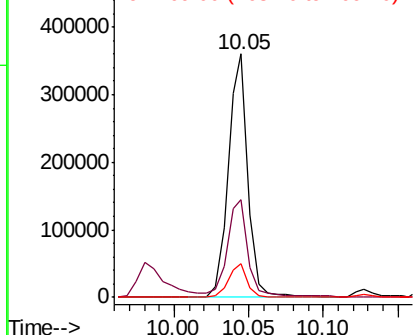
#55
Dibenzofuran
Concen: 43.493 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 333826
Ion Ratio Lower Upper
168 100
139 40.3 32.8 49.2
169 13.6 10.5 15.7

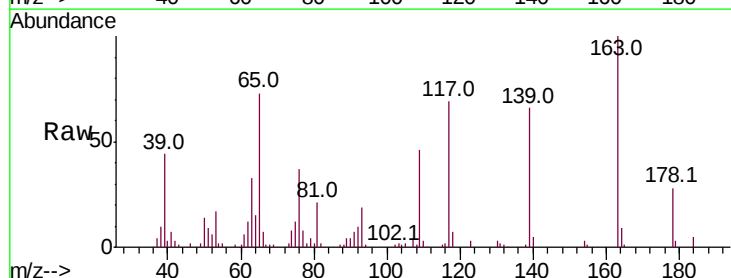


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

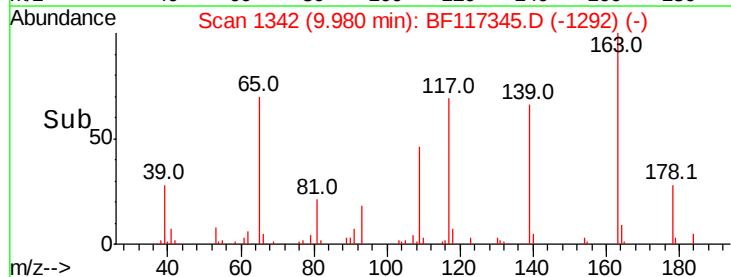
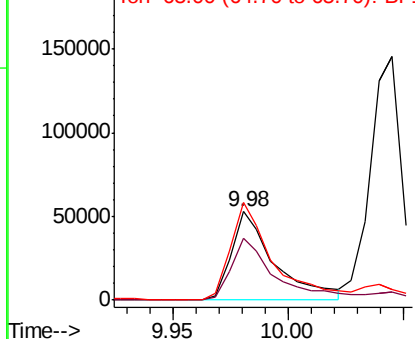


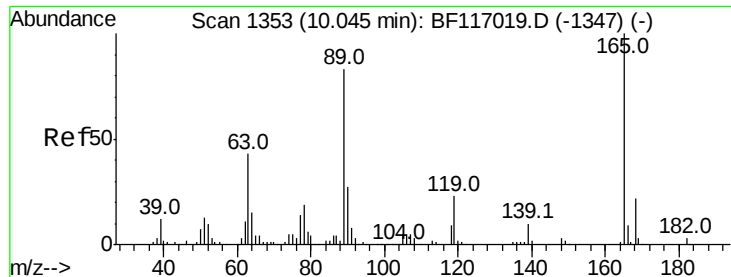
#56
4-Nitrophenol
Concen: 61.848 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:139 Resp: 69015
Ion Ratio Lower Upper
139 100
109 69.9 56.4 96.4
65 110.3 82.5 122.5



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

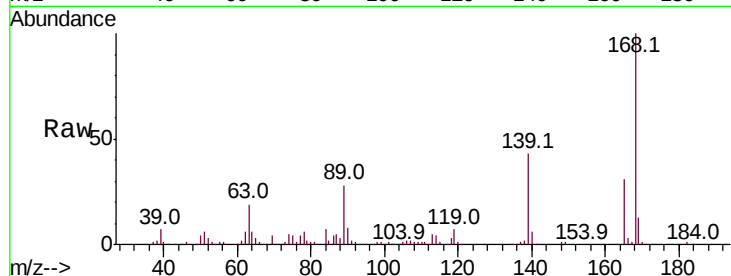




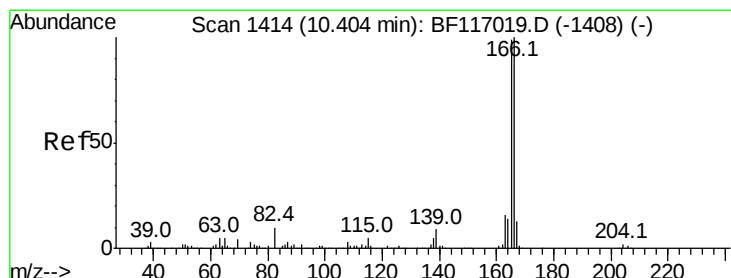
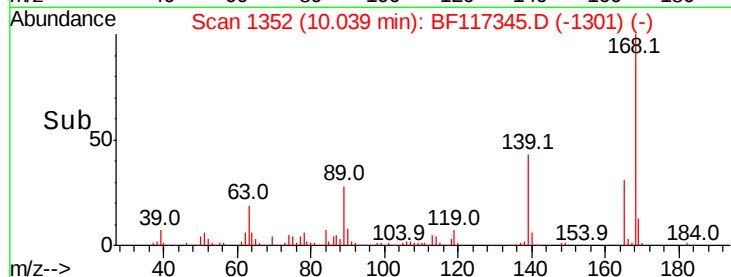
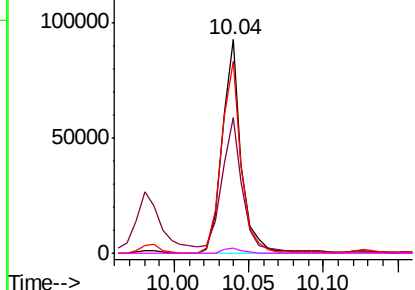
#57
 2,4-Dinitrotoluene
 Concen: 46.693 ng
 RT: 10.04 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 82710
 Ion Ratio Lower Upper
 165 100
 63 63.5 35.0 52.4#
 89 89.9 66.1 99.1
 182 2.5 2.0 3.0

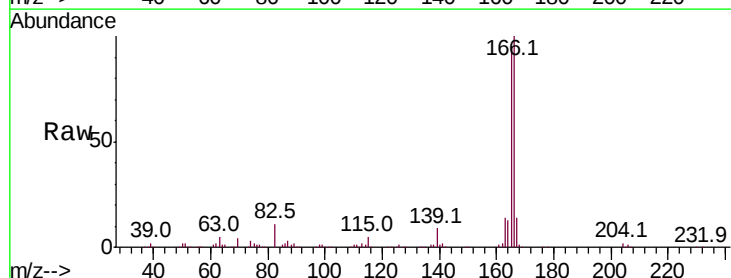


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

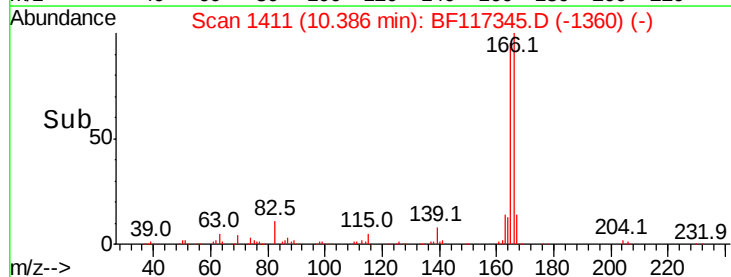
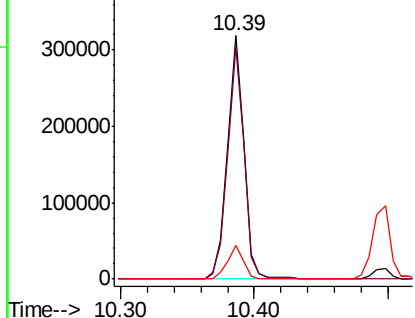


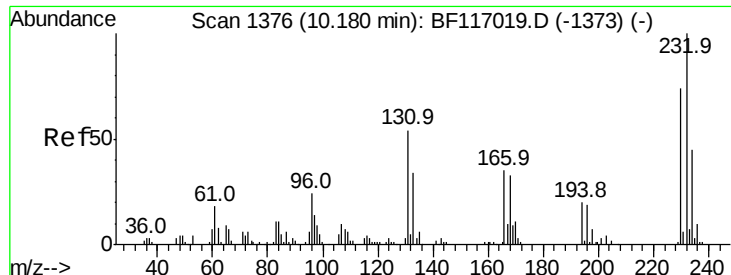
#58
 Fluorene
 Concen: 45.550 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:166 Resp: 281627
 Ion Ratio Lower Upper
 166 100
 165 95.5 78.9 118.3
 167 13.6 10.6 15.8



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

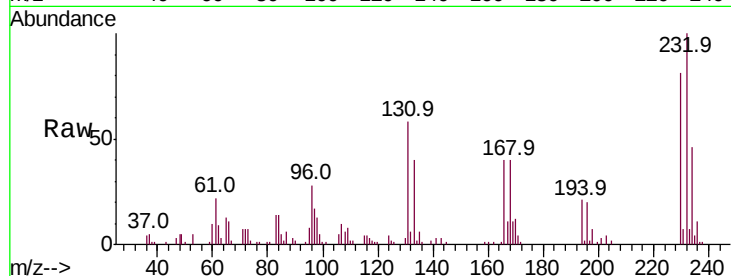




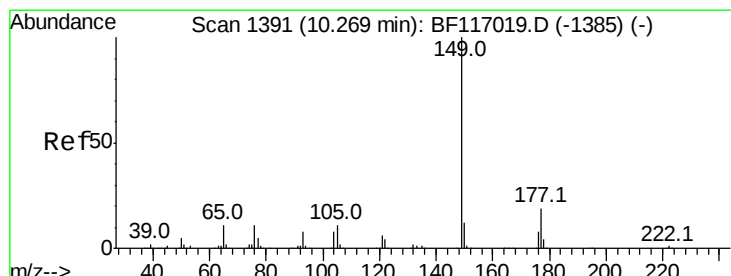
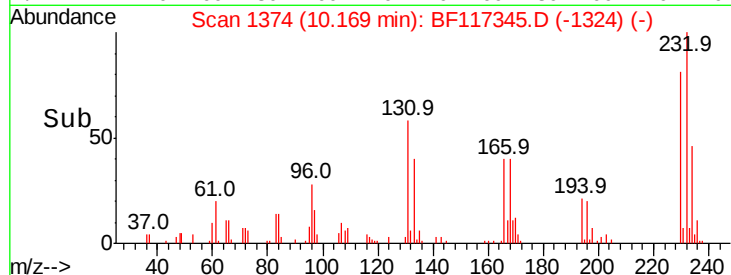
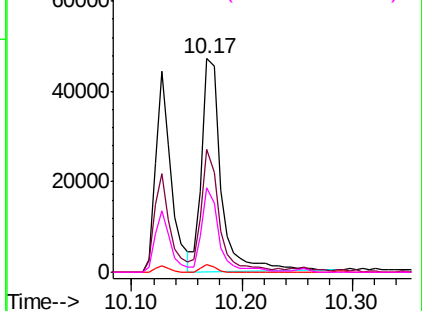
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.800 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 56673
 Ion Ratio Lower Upper
 232 100
 131 52.4 45.3 67.9
 130 2.5 1.8 2.8
 166 33.7 29.4 44.2

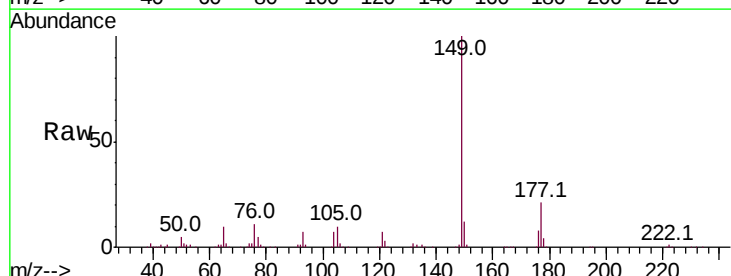


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

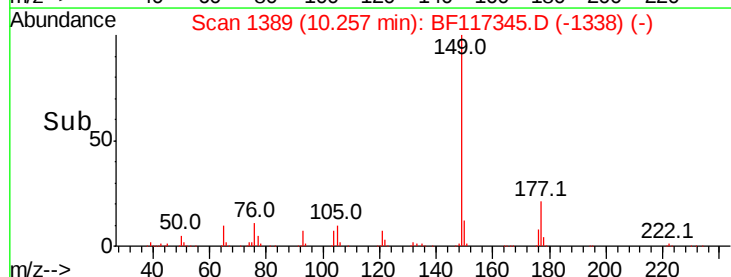
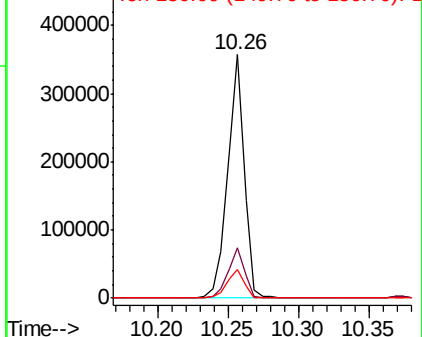


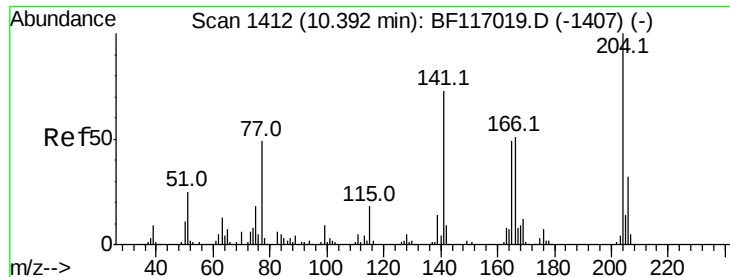
#60
 Diethylphthalate
 Concen: 44.238 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:149 Resp: 291610
 Ion Ratio Lower Upper
 149 100
 177 20.8 15.2 22.8
 150 12.0 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

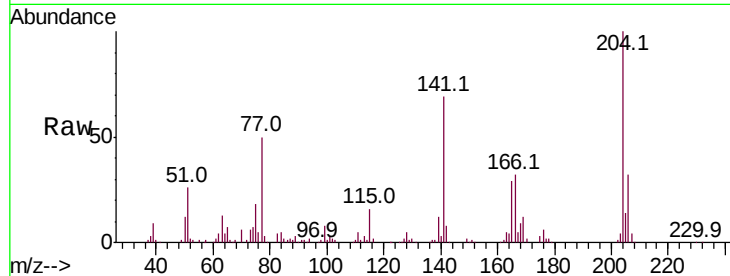




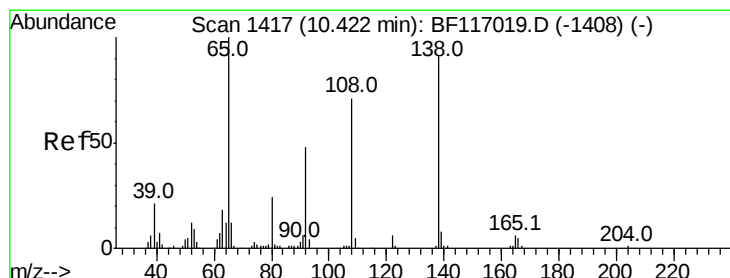
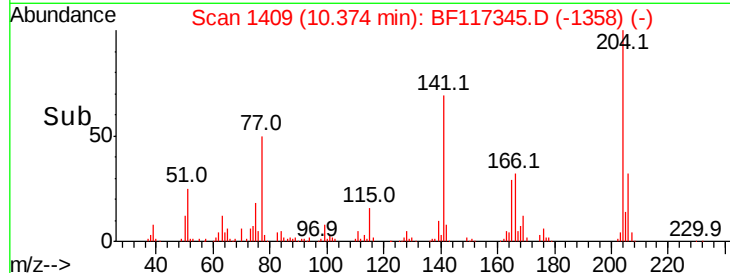
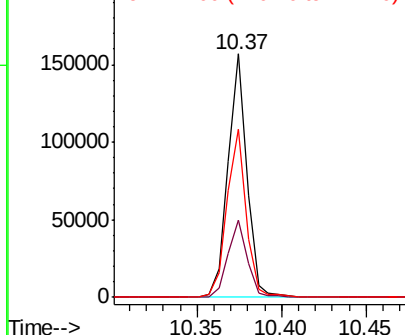
#61
 4-Chlorophenyl-phenylether
 Concen: 45.403 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 121455
 Ion Ratio Lower Upper
 204 100
 206 31.6 26.0 39.0
 141 69.1 58.2 87.2

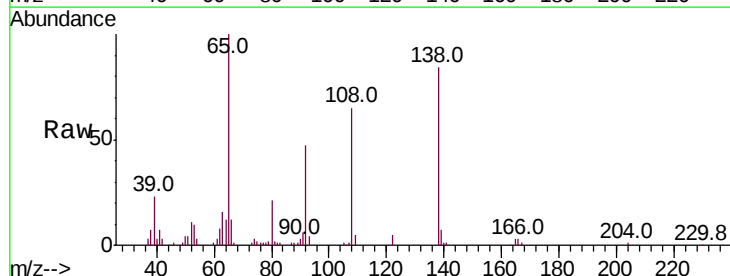


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

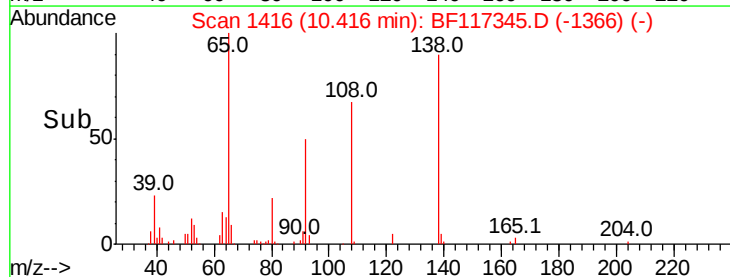
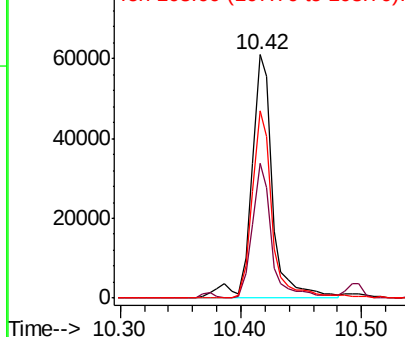


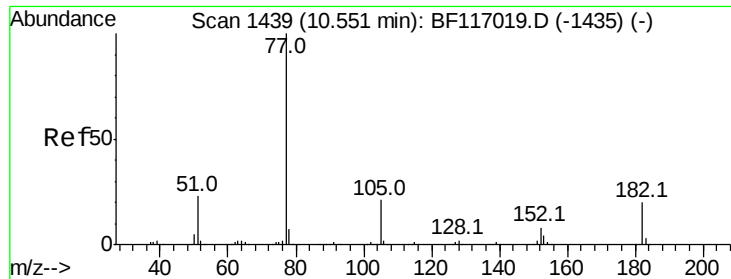
#62
 4-Nitroaniline
 Concen: 41.563 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:138 Resp: 74419
 Ion Ratio Lower Upper
 138 100
 92 55.4 32.9 72.9
 108 76.8 58.3 98.3



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

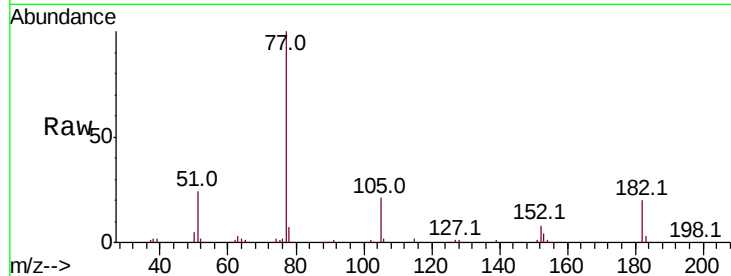




#63
Azobenzene
Concen: 44.817 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.4	40.4
105	21.0	0.9	40.9
51	23.7	2.8	42.8



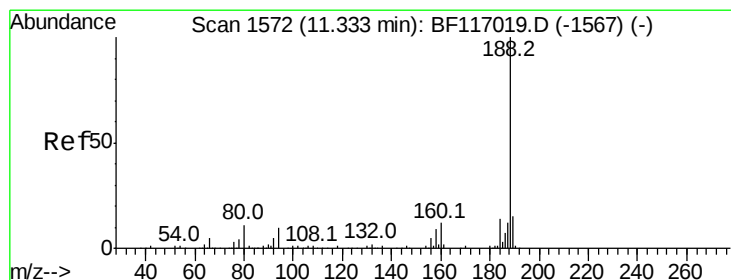
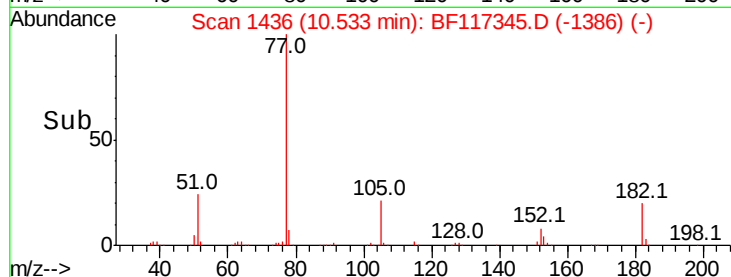
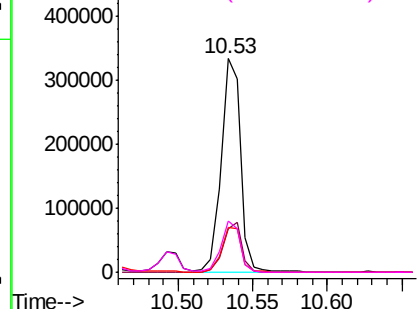
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

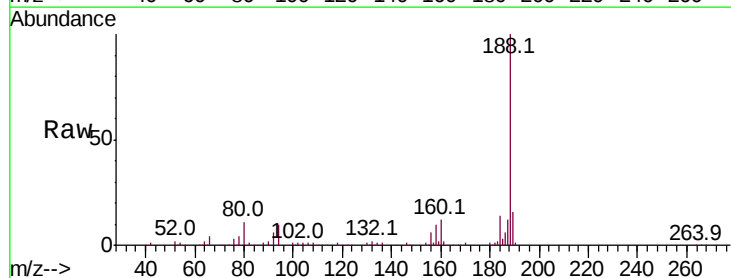
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.2	12.2
80	11.3	9.0	13.6

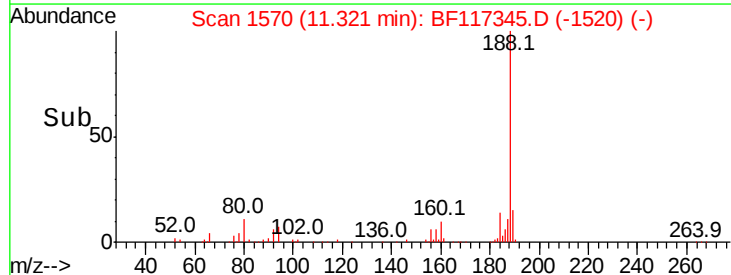
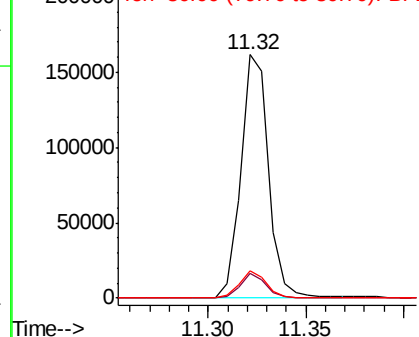


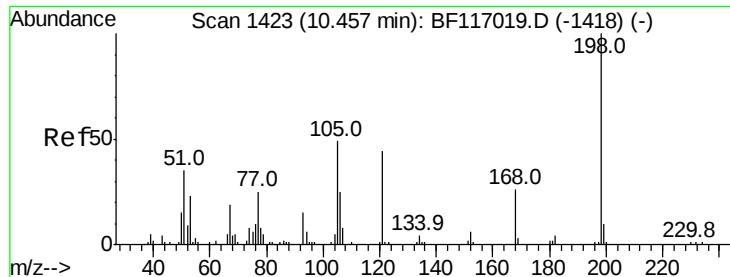
Abundance

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

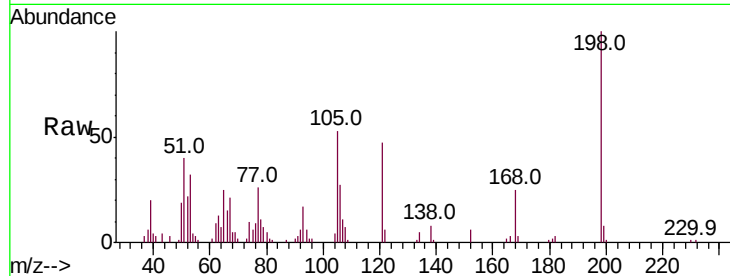




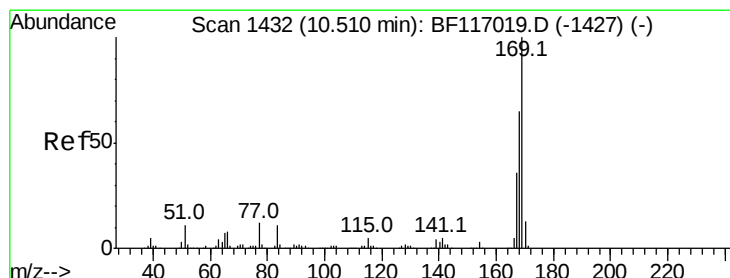
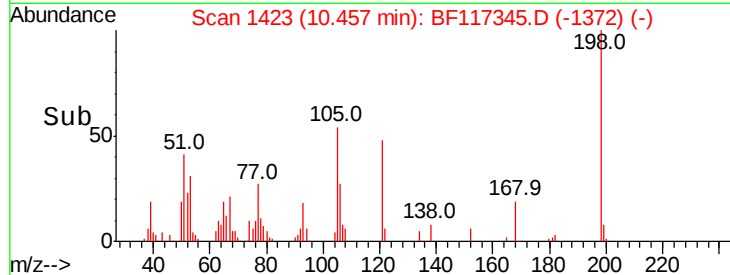
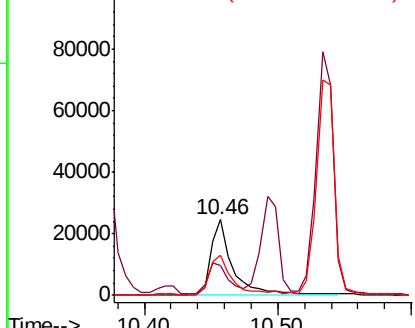
#65
4,6-Dinitro-2-methylphenol
Concen: 40.511 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 28416
Ion Ratio Lower Upper
198 100
51 40.0 18.7 58.7
105 53.2 30.2 70.2

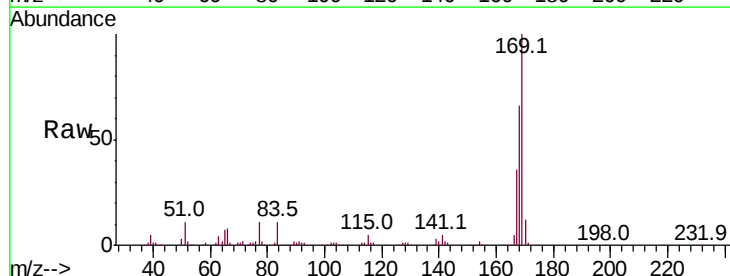


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

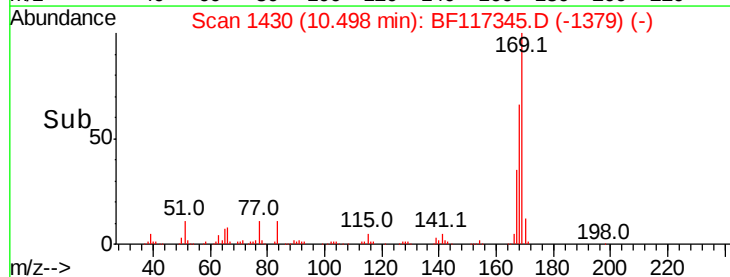
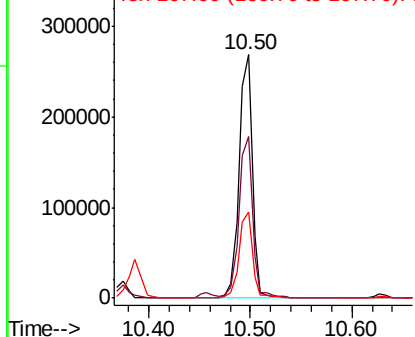


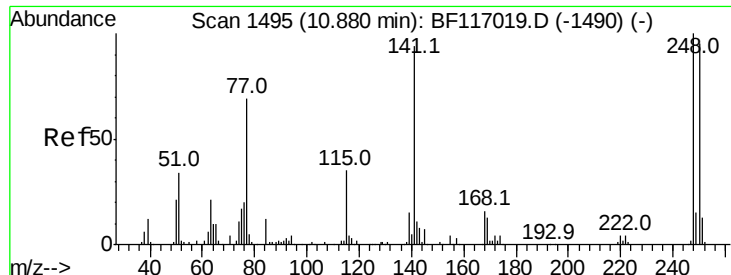
#66
n-Nitrosodiphenylamine
Concen: 44.712 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:169 Resp: 245333
Ion Ratio Lower Upper
169 100
168 66.3 52.2 78.2
167 35.6 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

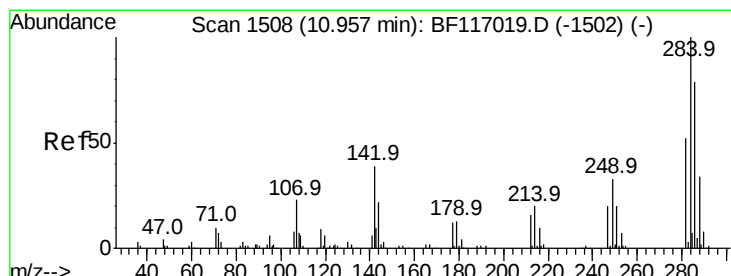
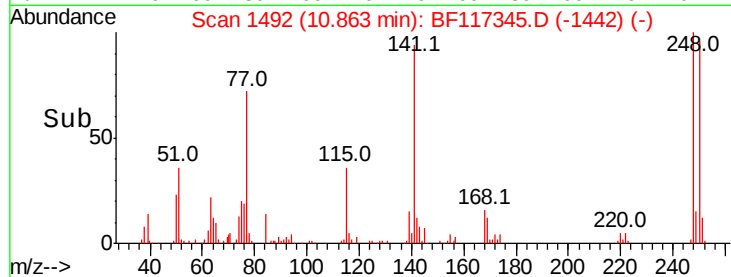
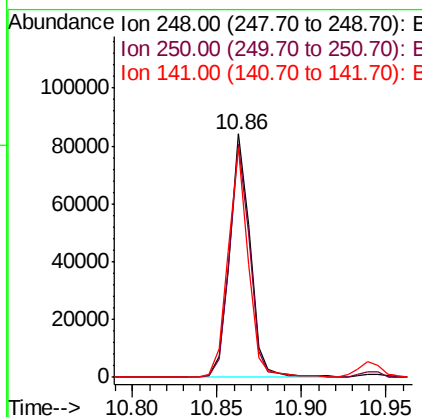
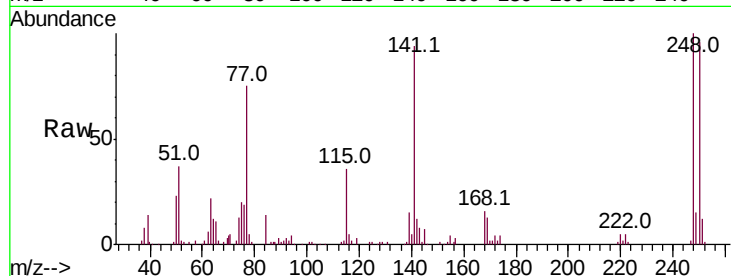




#67
 4-Bromophenyl-phenylether
 Concen: 43.235 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

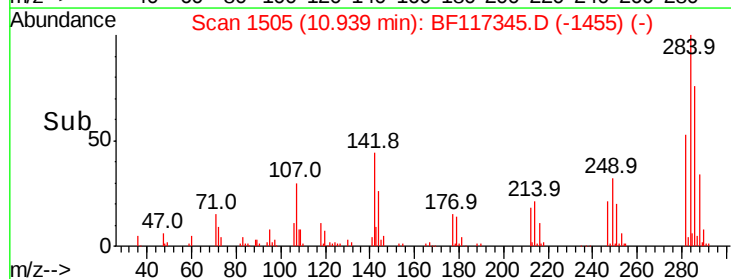
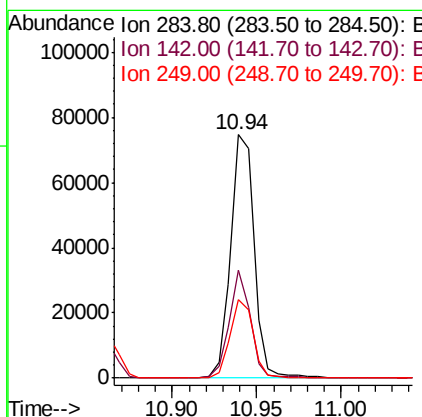
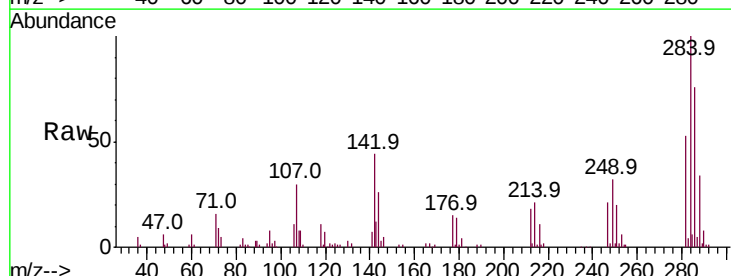
Instrument :
 BNA_F
 ClientSampleId :

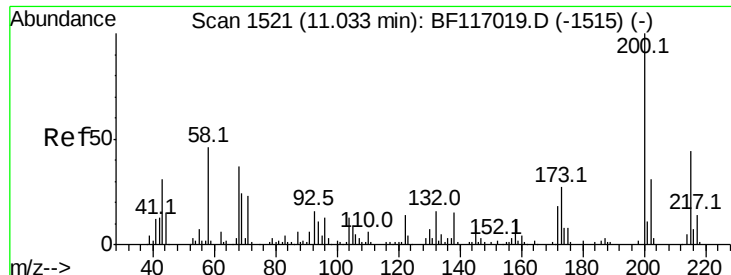
Tot Ion:	248	Resp:	70149
Ion	Ratio	Lower	Upper
248	100		
250	95.9	76.2	114.4
141	94.1	75.0	112.4



#68
 Hexachlorobenzene
 Concen: 40.627 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:	284	Resp:	72098
Ion	Ratio	Lower	Upper
284	100		
142	44.2	31.4	47.2
249	32.5	26.5	39.7

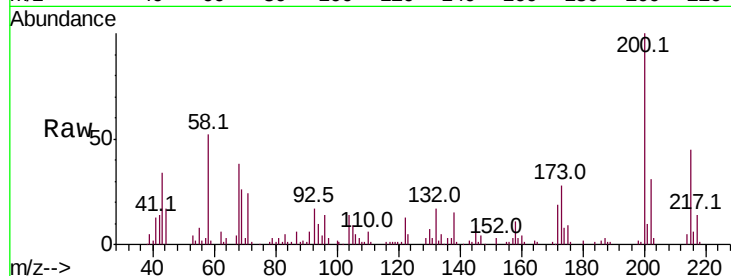




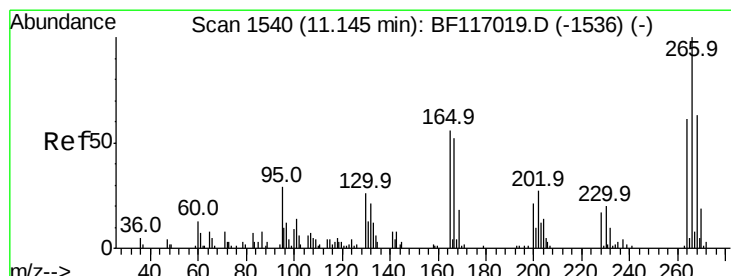
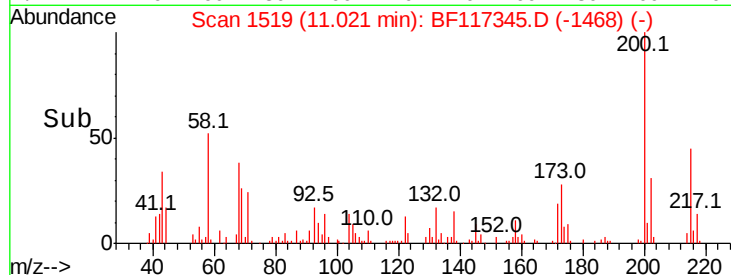
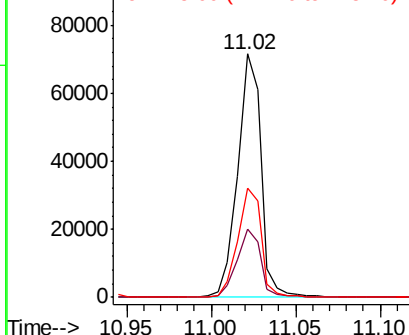
#69
 Atrazine
 Concen: 52.696 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 68710
 Ion Ratio Lower Upper
 200 100
 173 27.9 6.9 46.9
 215 45.1 23.8 63.8

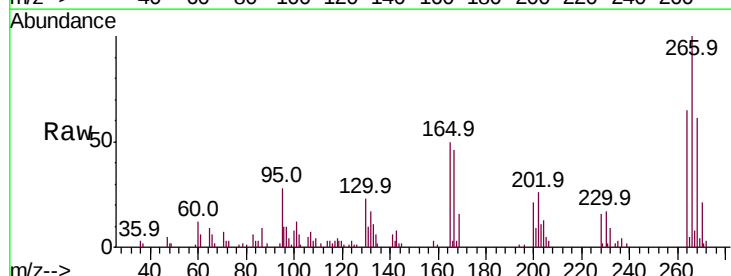


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

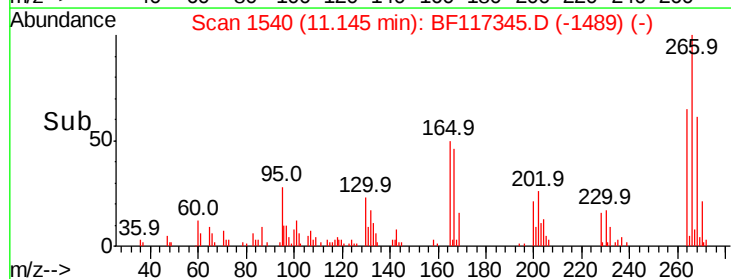
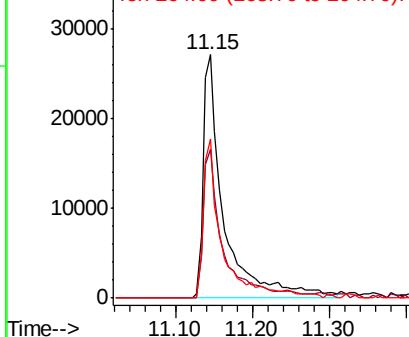


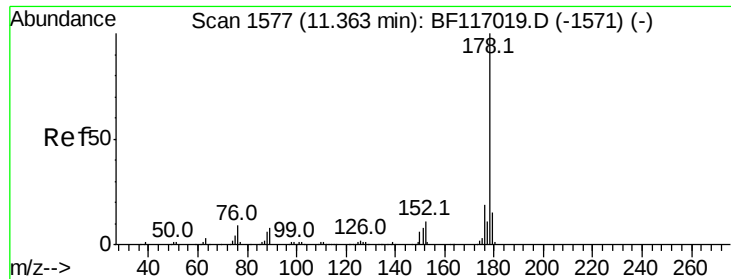
#70
 Pentachlorophenol
 Concen: 60.644 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:266 Resp: 50447
 Ion Ratio Lower Upper
 266 100
 268 61.0 50.5 75.7
 264 65.3 48.8 73.2



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: 44.285 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

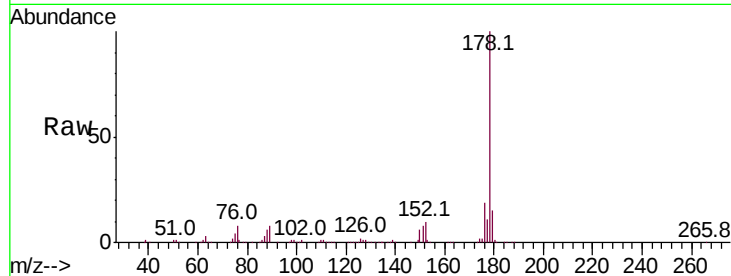
Tot Ion:178 Resp: 399631

Ion Ratio Lower Upper

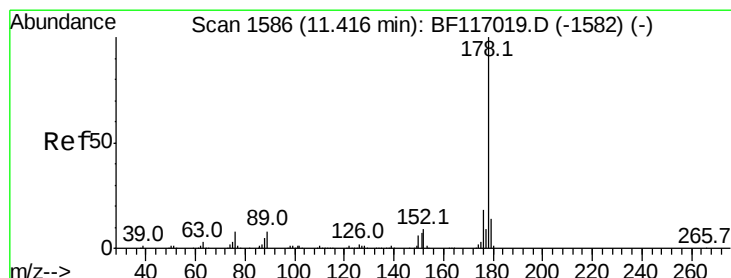
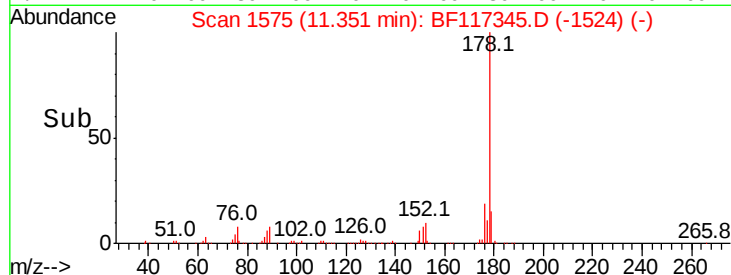
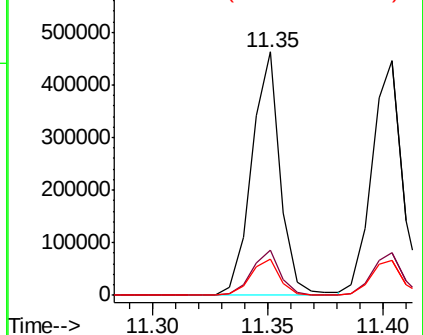
178 100

176 18.6 15.4 23.2

179 14.9 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.710 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

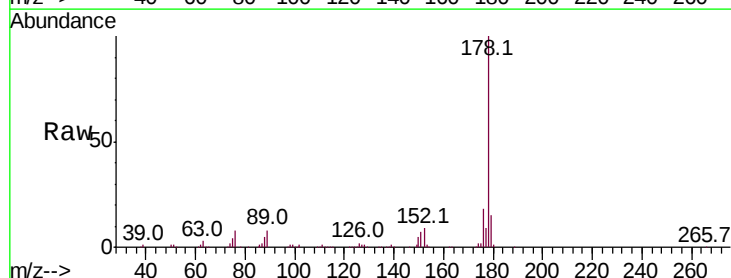
Tgt Ion:178 Resp: 421123

Ion Ratio Lower Upper

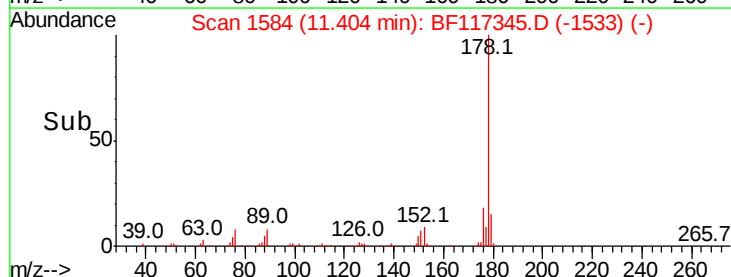
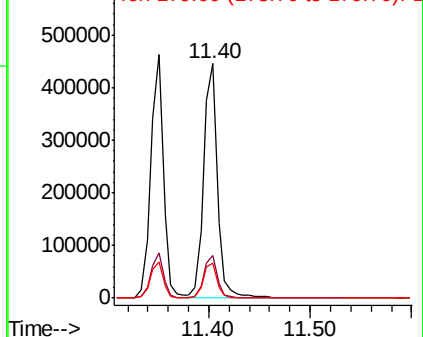
178 100

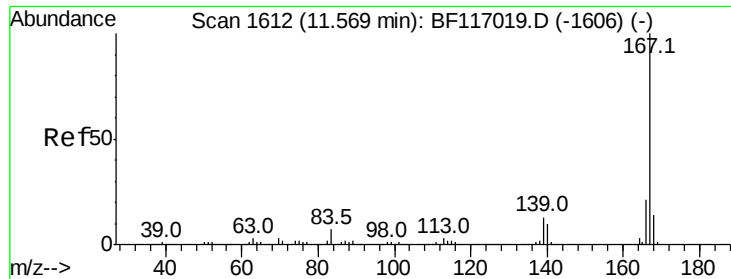
176 18.3 14.6 21.8

179 15.0 11.6 17.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

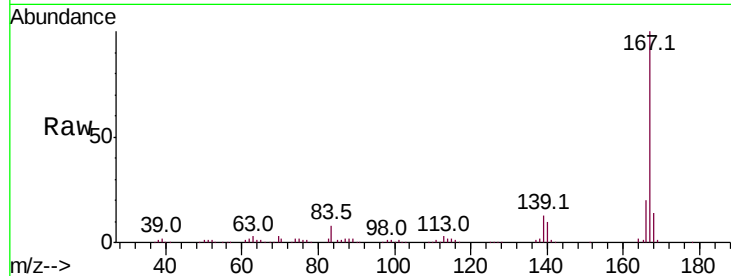




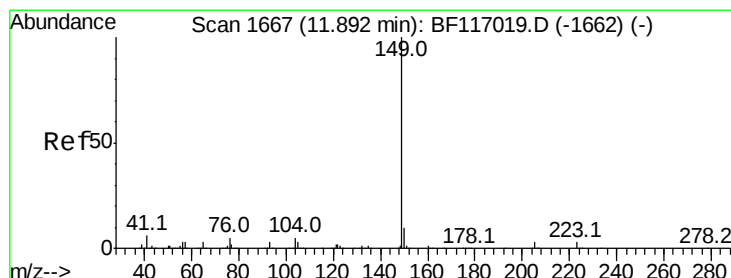
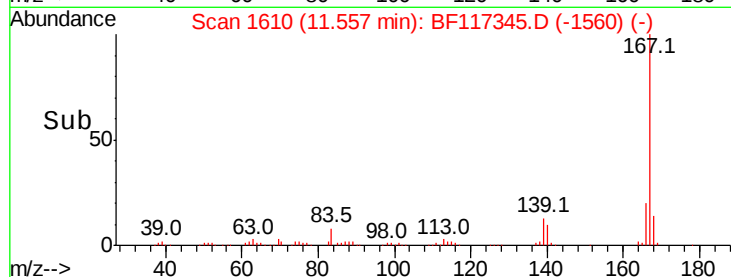
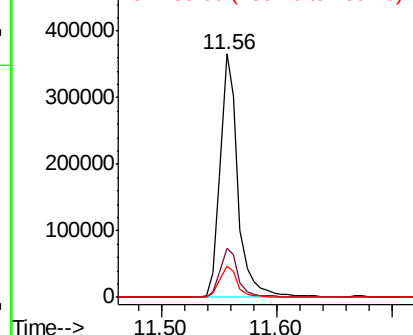
#73
 Carbazole
 Concen: 44.897 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.2	25.8
139	13.1	10.6	16.0

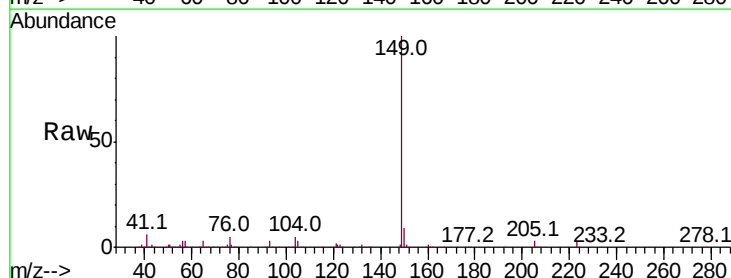


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

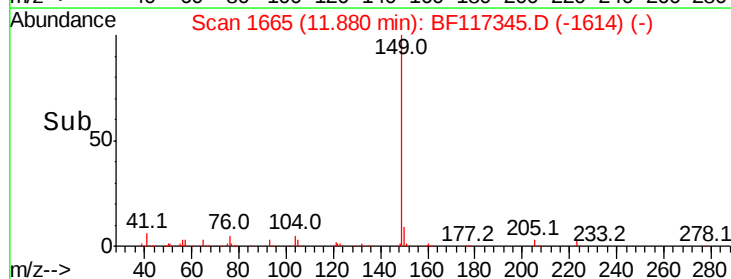
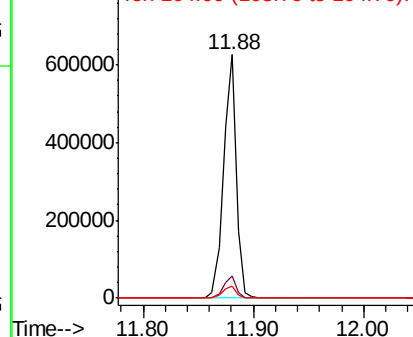


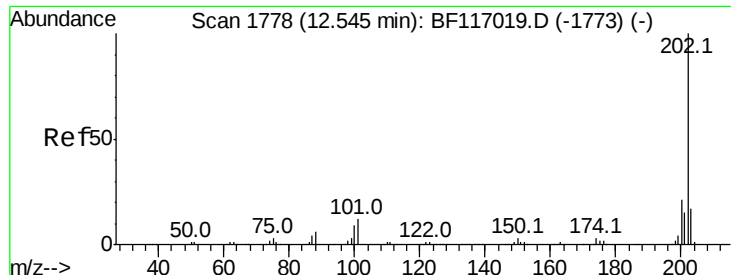
#74
 Di-n-butylphthalate
 Concen: 47.988 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

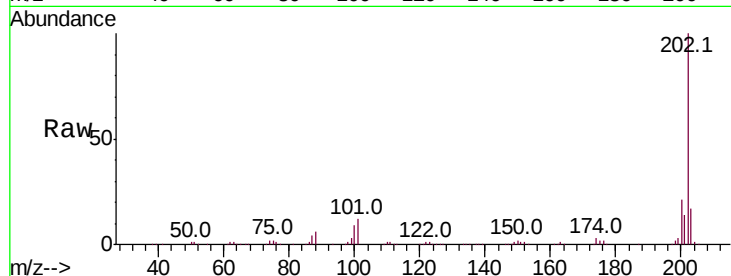




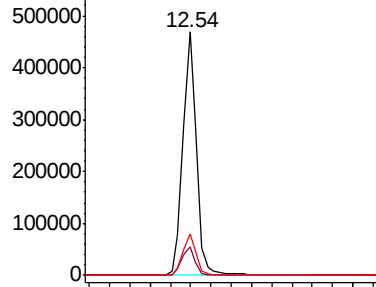
#75
 Fluoranthene
 Concen: 47.436 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Instrument :
 BNA_F
 ClientSampleId :

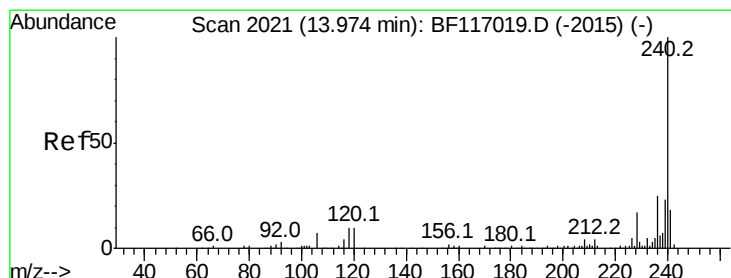
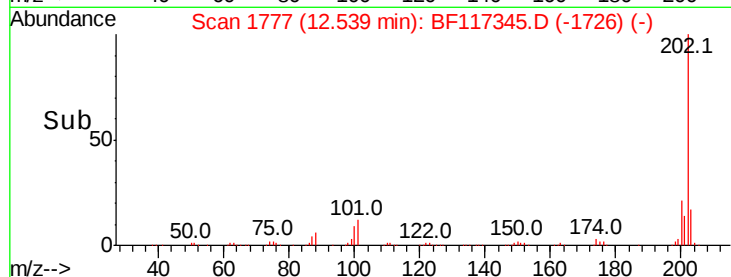
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
203	17.2	0.0	37.1



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

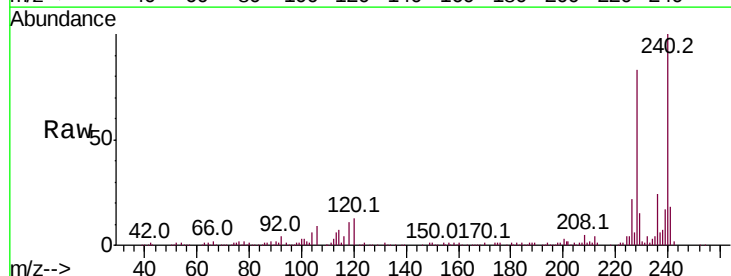


Time-->

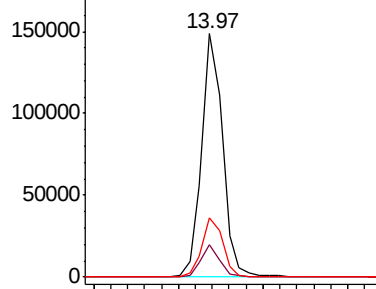


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

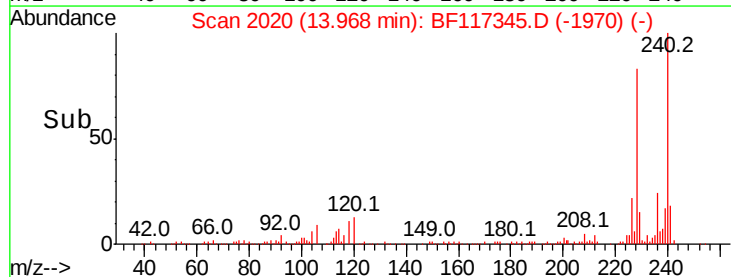
Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	24.3	20.3	30.5

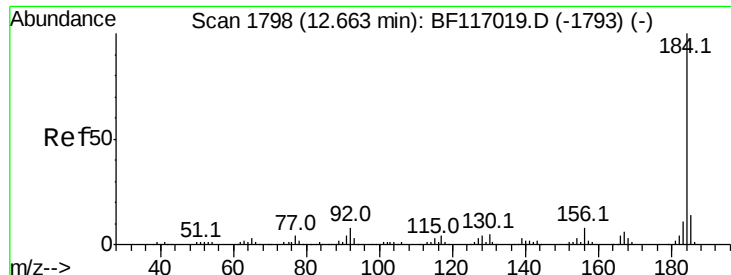


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 52.126 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

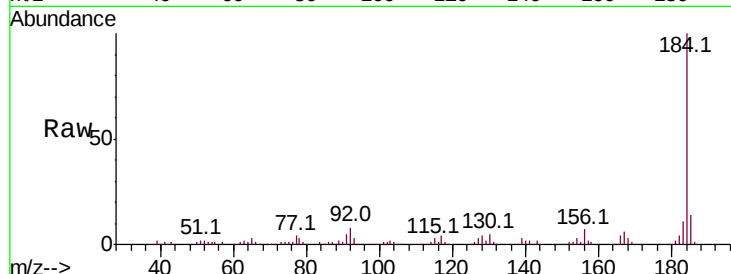
Tot Ion:184 Resp: 215777

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

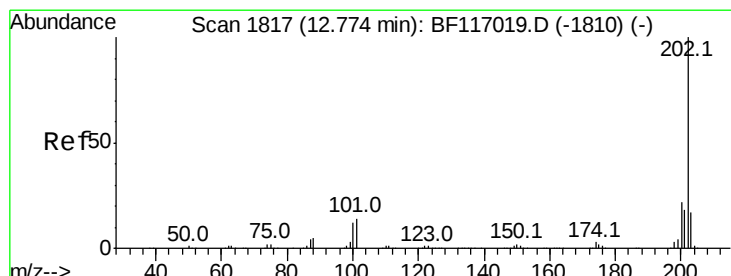
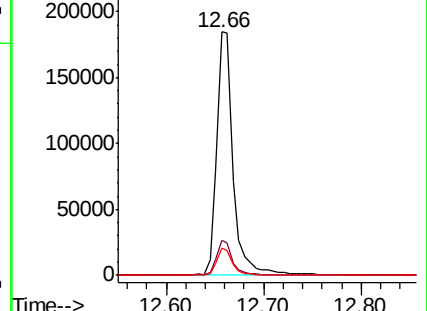
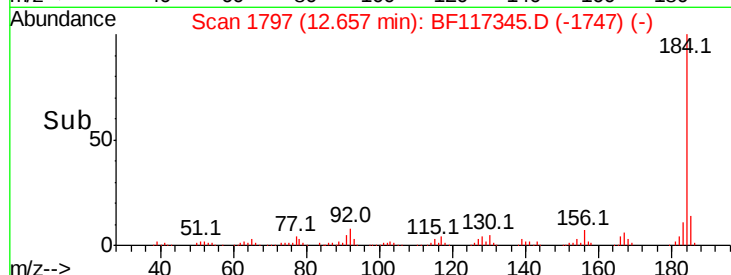
183 11.3 9.0 13.4



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: 40.948 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

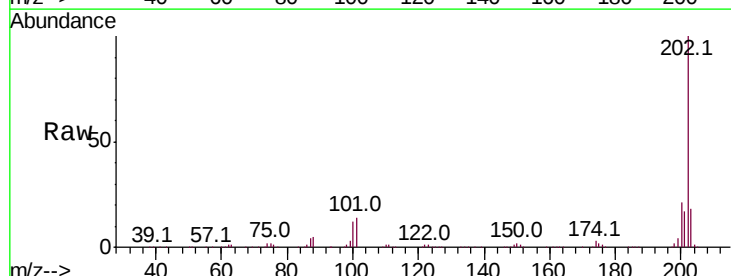
Tgt Ion:202 Resp: 441524

Ion Ratio Lower Upper

202 100

200 20.8 17.2 25.8

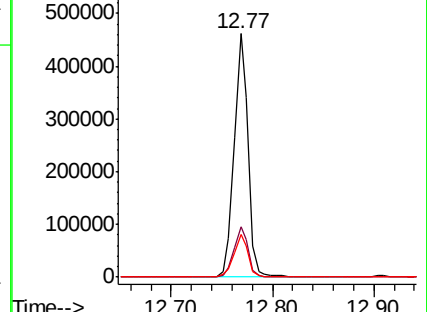
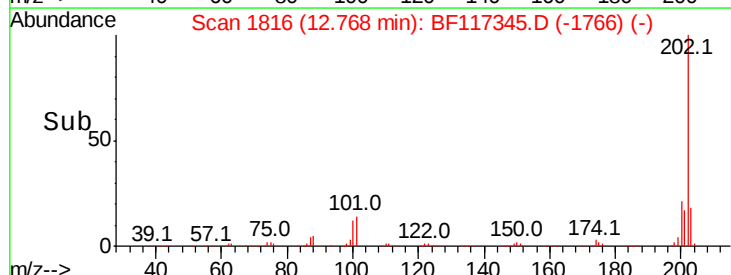
203 17.6 14.0 21.0

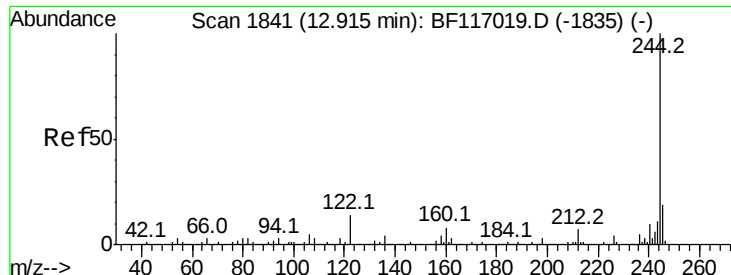


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

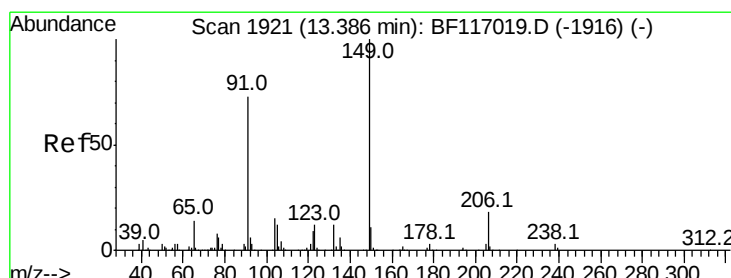
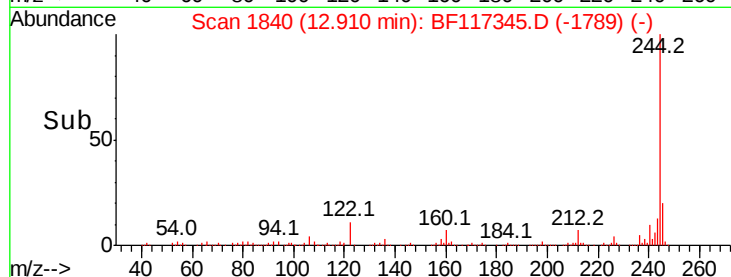
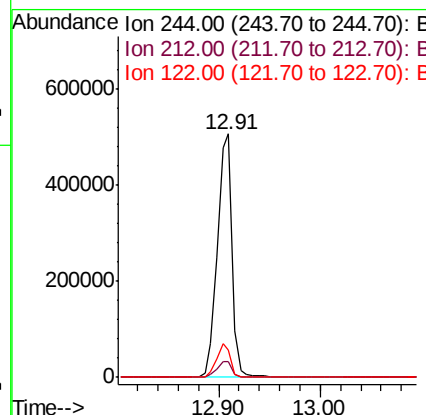
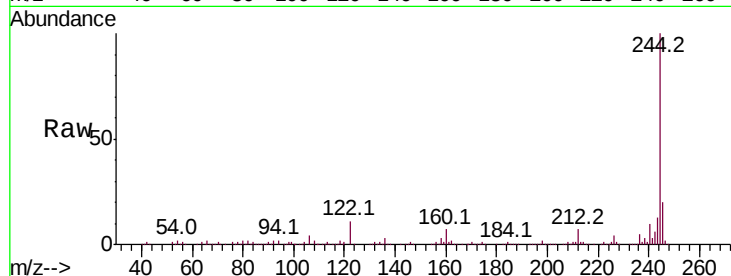




#79
 Terphenyl-d14
 Concen: 74.334 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

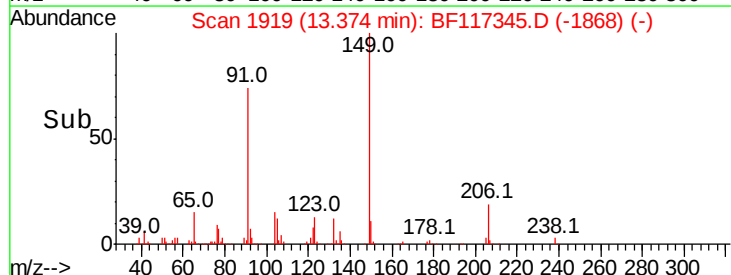
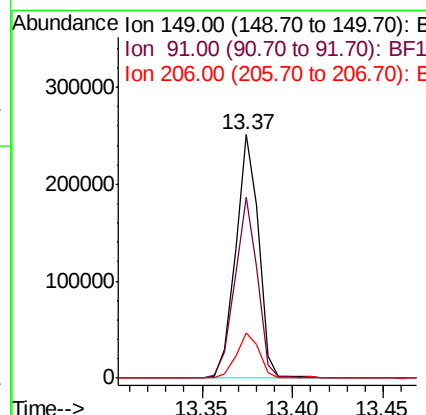
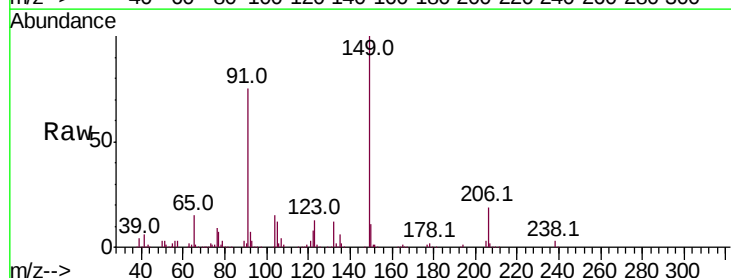
Instrument :
 BNA_F
 ClientSampleId :

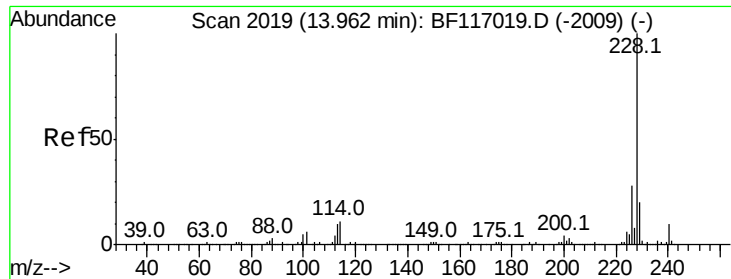
Tot Ion:244 Resp: 511035
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 11.2 11.3 16.9#



#80
 Butylbenzylphthalate
 Concen: 43.415 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF117345.D
 Acq: 8 Oct 2019 17:24

Tgt Ion:149 Resp: 221198
 Ion Ratio Lower Upper
 149 100
 91 74.6 58.8 88.2
 206 18.8 14.1 21.1





#81

Benzo(a)anthracene

Concen: 42.478 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampled :

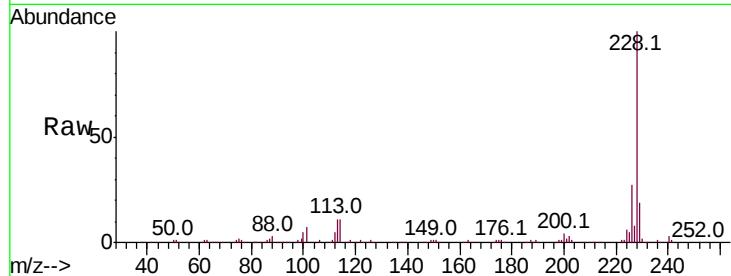
Tot Ion:228 Resp: 364704

Ion Ratio Lower Upper

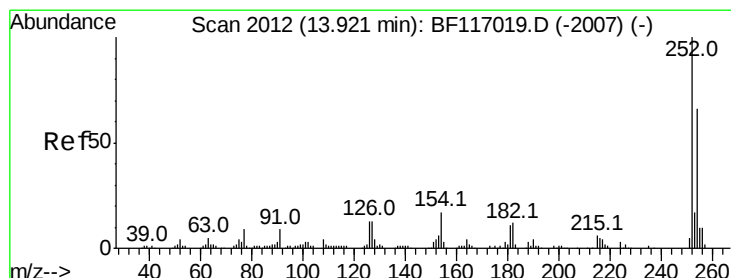
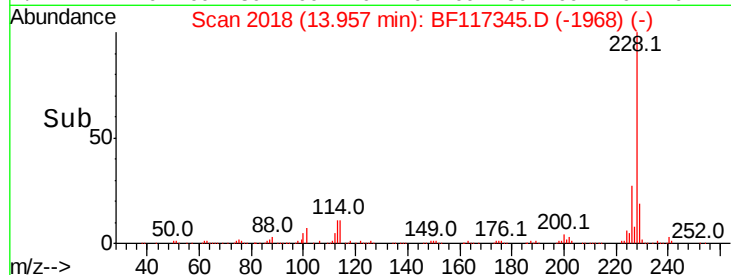
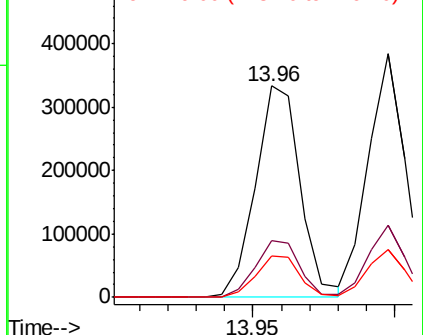
228 100

226 26.6 22.3 33.5

229 19.3 15.9 23.9



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: 19.804 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

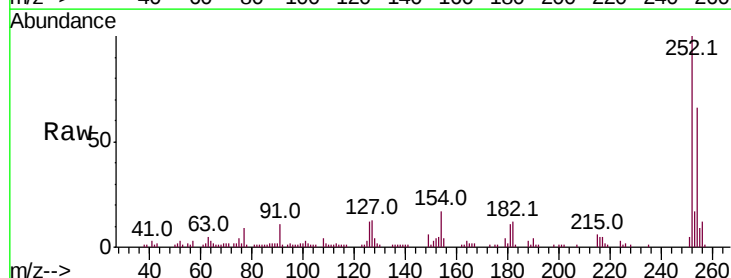
Tgt Ion:252 Resp: 54791

Ion Ratio Lower Upper

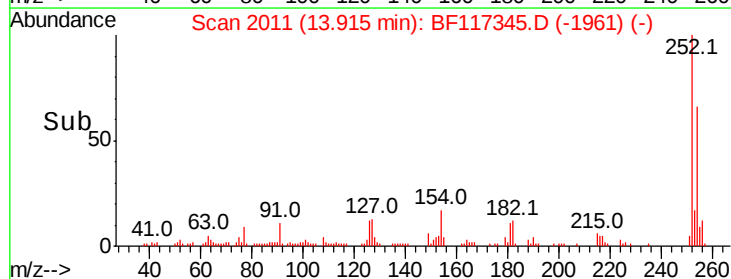
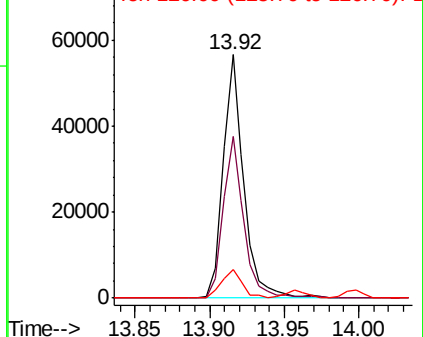
252 100

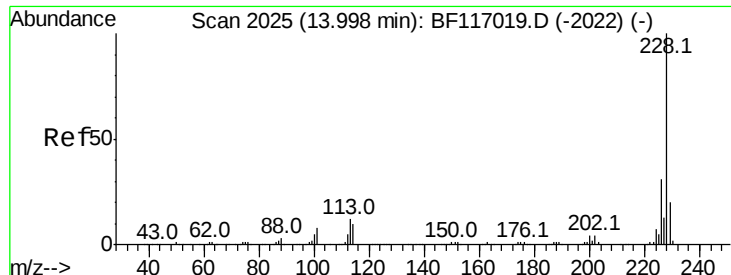
254 66.3 52.6 79.0

126 11.5 10.4 15.6



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: 42.573 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

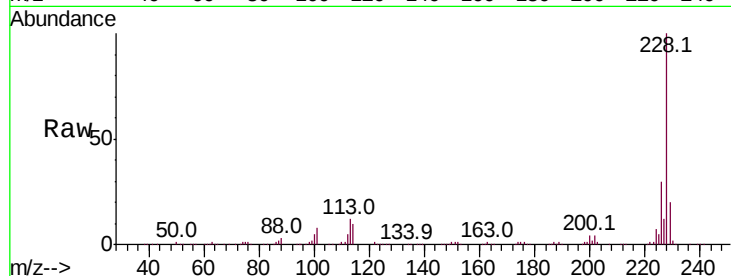
Tot Ion:228 Resp: 356493

Ion Ratio Lower Upper

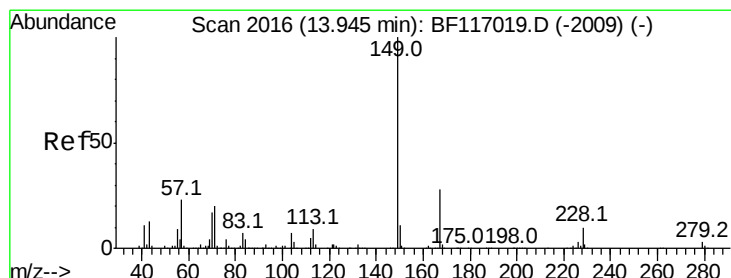
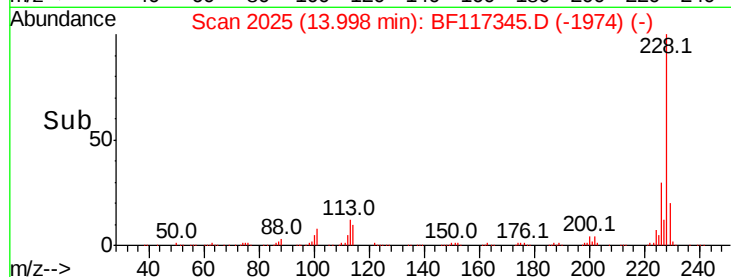
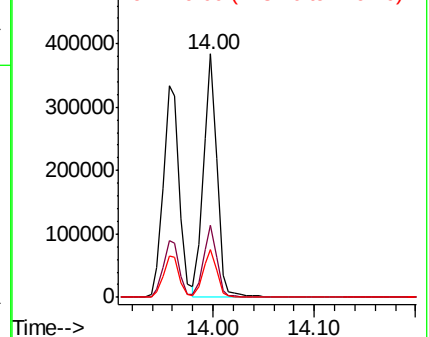
228 100

226 29.8 24.8 37.2

229 19.6 15.8 23.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.133 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

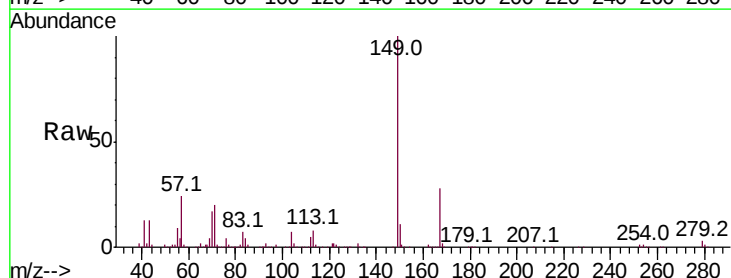
Tgt Ion:149 Resp: 322767

Ion Ratio Lower Upper

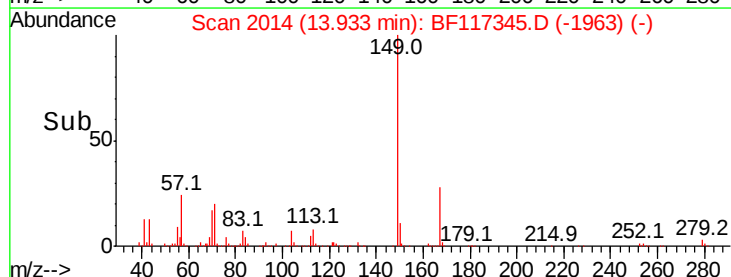
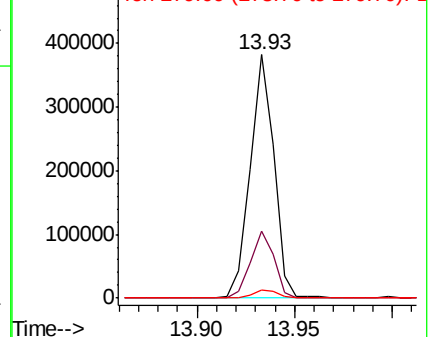
149 100

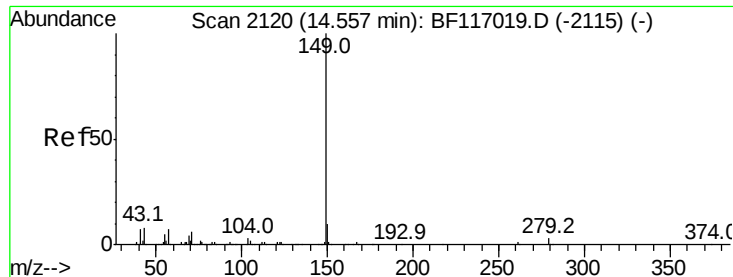
167 27.6 22.2 33.2

279 3.3 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.722 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

Instrument :

BNA_F

ClientSampleId :

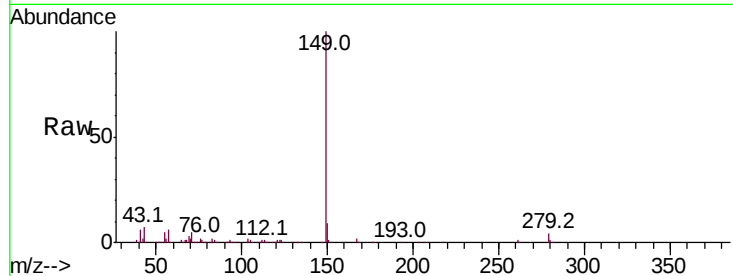
Tot Ion:149 Resp: 534785

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

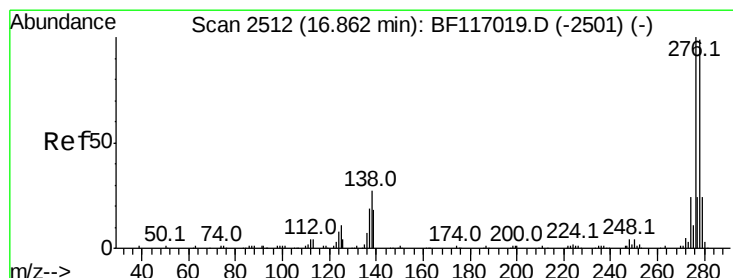
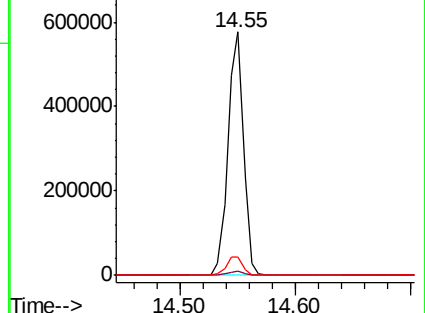
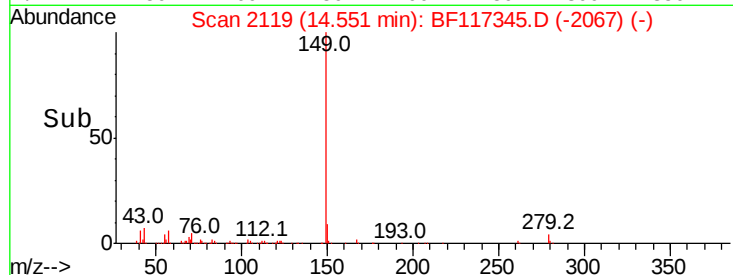
43 7.8 6.2 9.4



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: 48.251 ng

RT: 16.89 min Scan# 2517

Delta R.T. 0.01 min

Lab File: BF117345.D

Acq: 8 Oct 2019 17:24

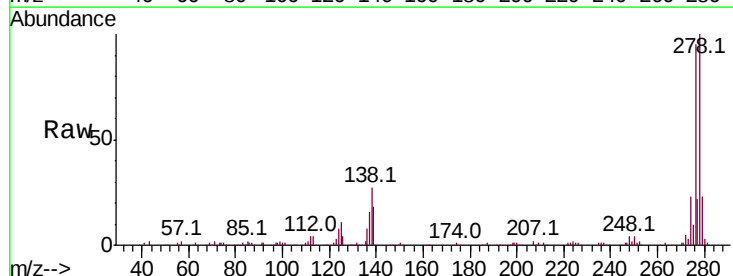
Tgt Ion:276 Resp: 294775

Ion Ratio Lower Upper

276 100

138 26.9 20.7 31.1

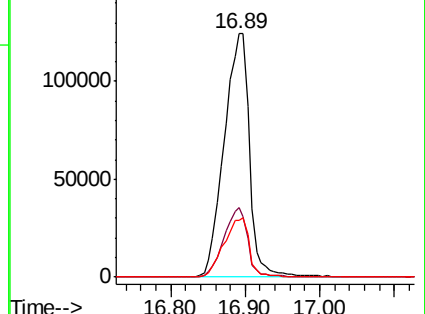
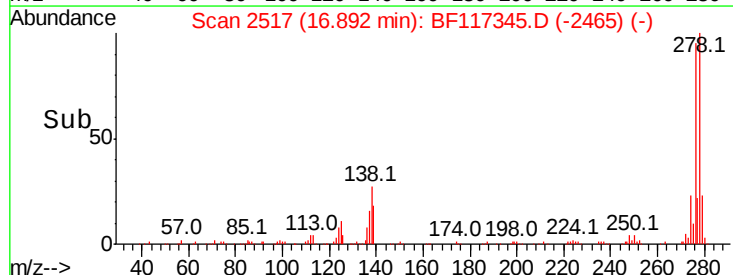
277 24.3 19.8 29.8

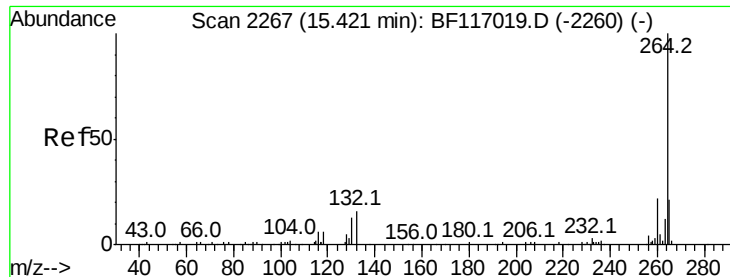


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



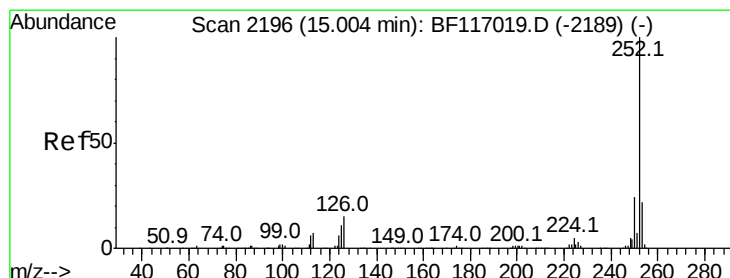
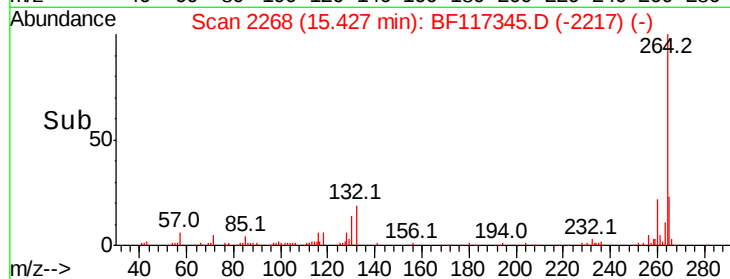
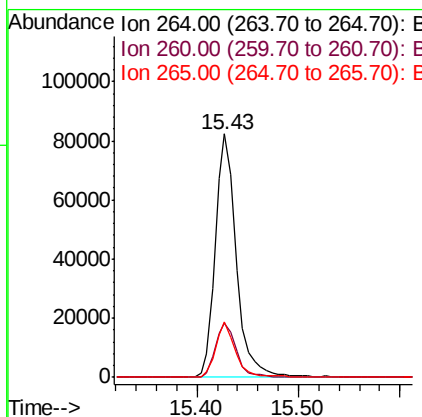
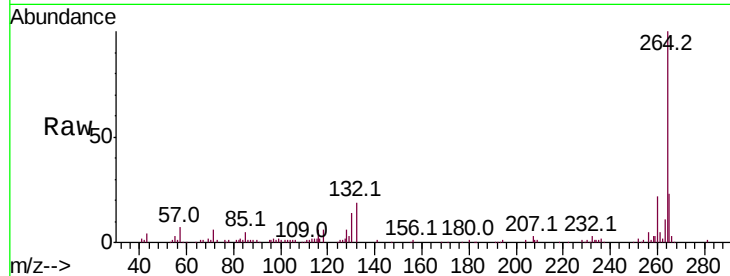


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 118512

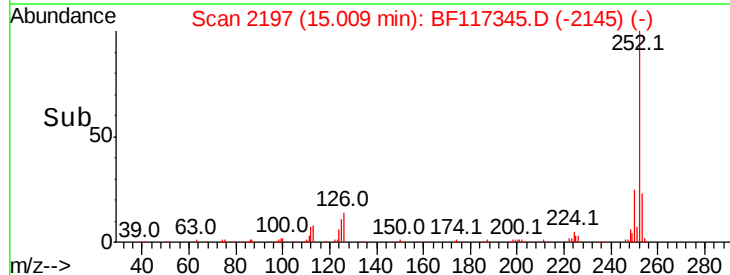
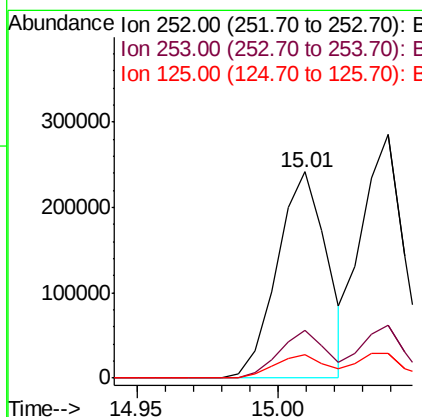
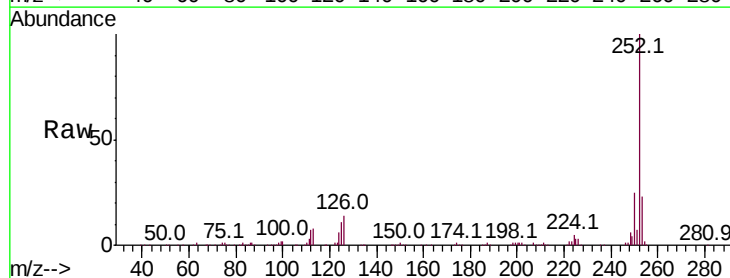
Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.6	26.4
265	22.8	16.6	24.8

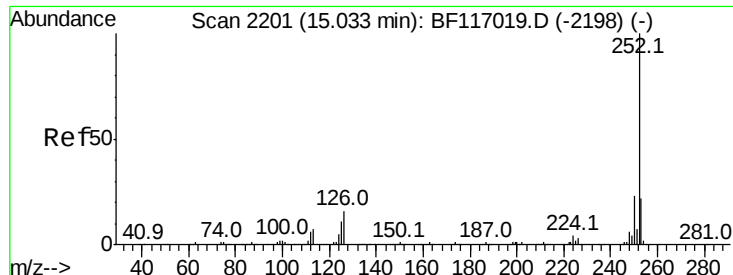


#88
Benzo(b)fluoranthene
Concen: 41.170 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:252 Resp: 295545

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.3	8.6	12.8

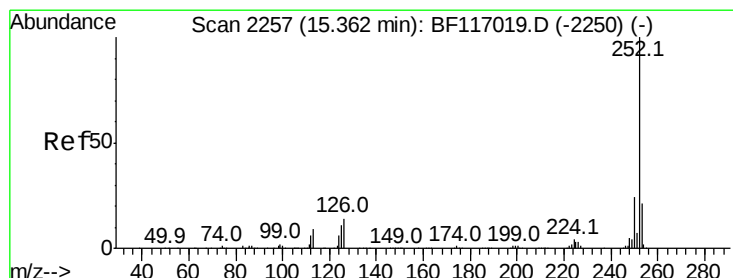
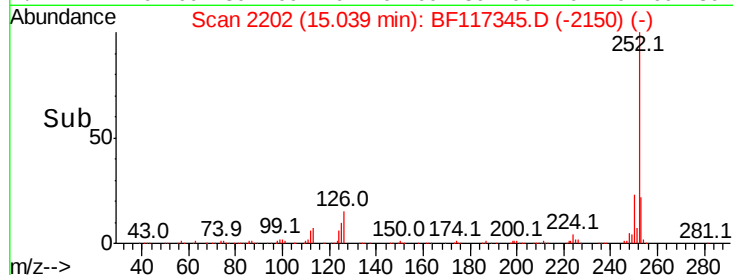
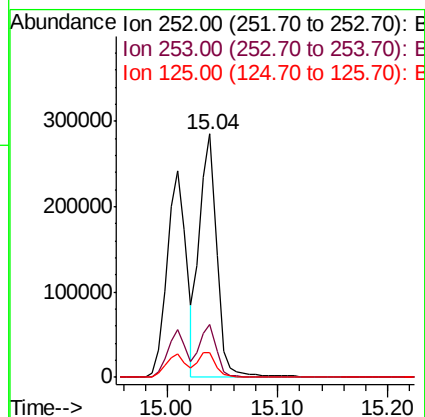
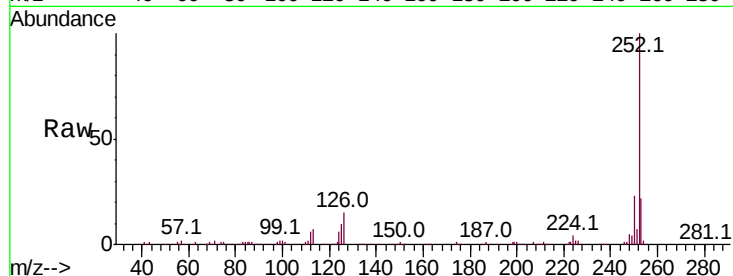




#89
Benzo(k)fluoranthene
Concen: 44.707 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

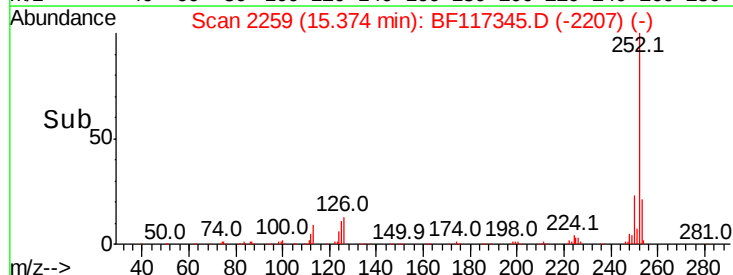
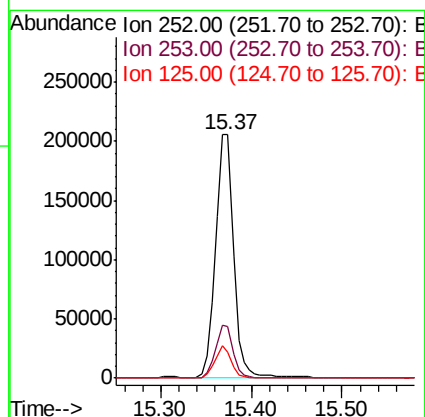
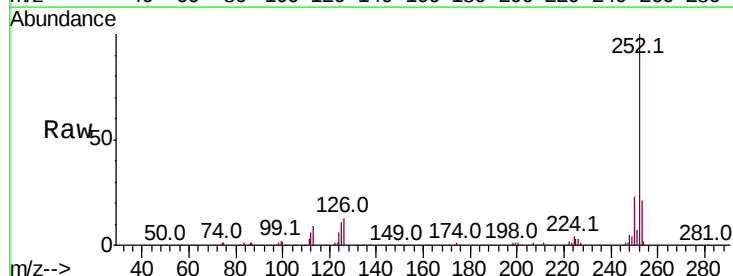
Instrument :
BNA_F
ClientSampleId :

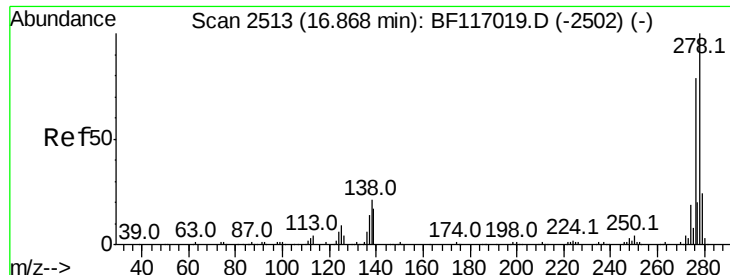
Tot Ion:252 Resp: 304015
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 10.3 8.8 13.2



#90
Benzo(a)pyrene
Concen: 45.589 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion:252 Resp: 287185
Ion Ratio Lower Upper
252 100
253 21.2 16.6 25.0
125 10.8 8.9 13.3

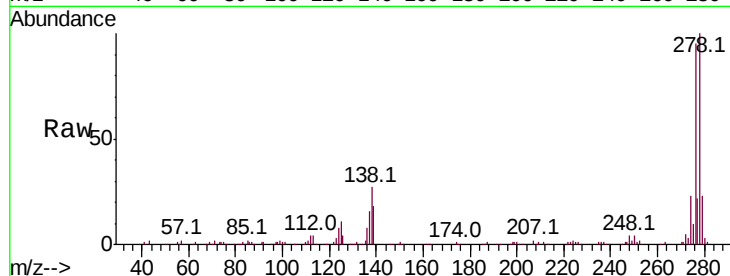




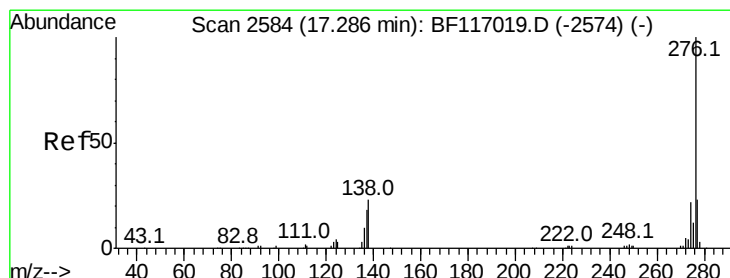
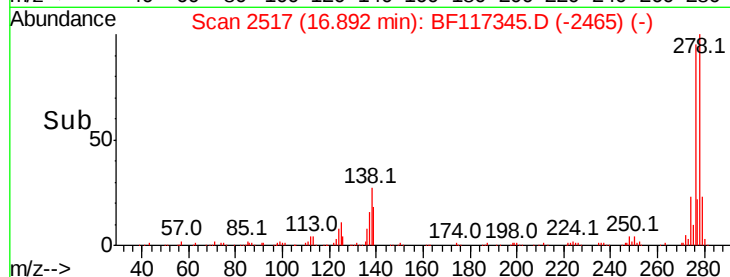
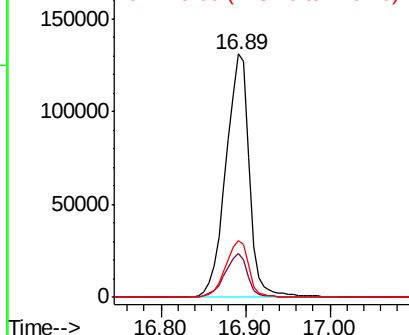
#91
Dibenzo(a,h)anthracene
Concen: 49.825 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	23.1	18.8	28.2

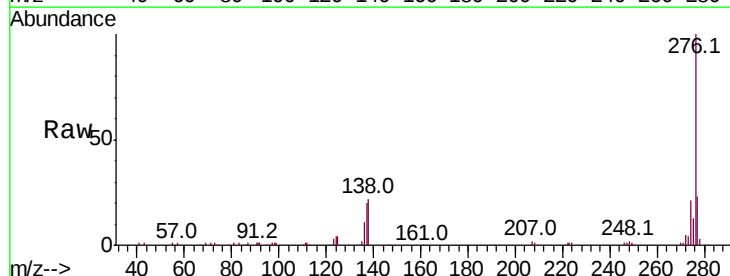


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.478 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF117345.D
Acq: 8 Oct 2019 17:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	21.6	18.0	27.0



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

