

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

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Manual Integrations
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Quant Time: Oct 18 09:42:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 19:03:29 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	400478	128.03	ng	0.02
7) Phenol-d6	6.45	99	536018	129.15	ng	0.00
23) Nitrobenzene-d5	7.36	82	337276	87.56	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	124341	151.09	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	616638	88.90	ng	0.00
79) Terphenyl-d14	12.90	244	692007	85.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	49033	38.076	ng	# 87
3) Pyridine	3.42	79	104705	31.949	ng	98
4) n-Nitrosodimethylamine	3.31	42	51415	44.520	ng	84
6) Aniline	6.46	93	59059	11.391	ng	# 31
8) 2-Chlorophenol	6.59	128	144292	41.490	ng	96
9) Benzaldehyde	6.35	77	58555	25.347	ng	97
10) Phenol	6.46	94	201108	44.883	ng	79
11) bis(2-Chloroethyl)ether	6.53	93	140579	41.266	ng	98
12) 1,3-Dichlorobenzene	6.73	146	111841	28.757	ng	98
13) 1,4-Dichlorobenzene	6.81	146	117330	29.595	ng	97
14) 1,2-Dichlorobenzene	6.96	146	112304	29.991	ng	98
15) Benzyl Alcohol	6.95	79	134342	42.308	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	134687	37.653	ng	# 58
17) 2-Methylphenol	7.06	107	119625	41.203	ng	93
18) Hexachloroethane	7.30	117	40641	26.366	ng	90
19) n-Nitroso-di-n-propylamine	7.21	70	109782	41.485	ng	95
20) 3+4-Methylphenols	7.22	107	160386	42.903	ng	95
22) Acetophenone	7.20	105	217395	42.431	ng	# 94
24) Nitrobenzene	7.37	77	161251	41.793	ng	97
25) Isophorone	7.62	82	299430	43.640	ng	99
26) 2-Nitrophenol	7.69	139	76482	44.677	ng	94
27) 2,4-Dimethylphenol	7.73	122	131677	50.611	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	178918	42.063	ng	96
29) 2,4-Dichlorophenol	7.95	162	119155	44.385	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	101625	35.116	ng	99
31) Naphthalene	8.09	128	383270	39.307	ng	99
32) Benzoic acid	7.89	122	60667	36.450	ng	93
33) 4-Chloroaniline	8.16	127	37450	9.044	ng	96
34) Hexachlorobutadiene	8.21	225	53034	31.997	ng	98
35) Caprolactam	8.53	113	38689m	46.020	ng	
36) 4-Chloro-3-methylphenol	8.65	107	144946	47.450	ng	97
37) 2-Methylnaphthalene	8.79	142	273822	41.587	ng	98
38) 1-Methylnaphthalene	8.88	142	257247	41.467	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	107662	39.560	ng	99

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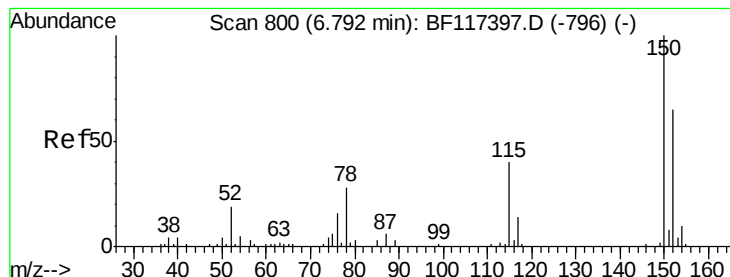
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	45040	88.628	nq	92
43) 2,4,6-Trichlorophenol	9.07	196	78400	45.521	nq	98
44) 2,4,5-Trichlorophenol	9.13	196	83958	47.791	nq	95
46) 1,1'-Biphenyl	9.25	154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

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



#1

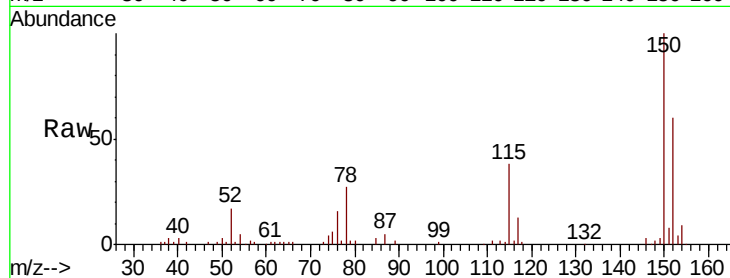
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
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SU-01-101519MS

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

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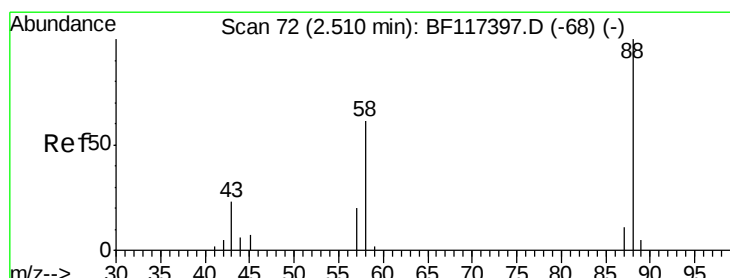
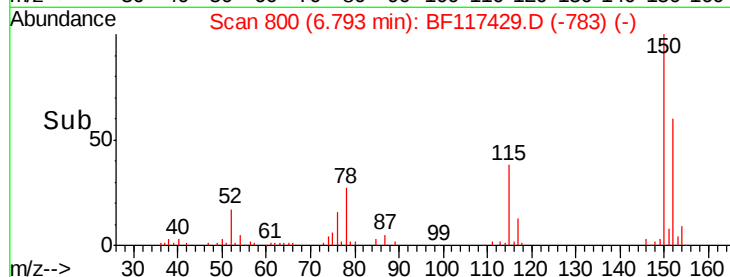
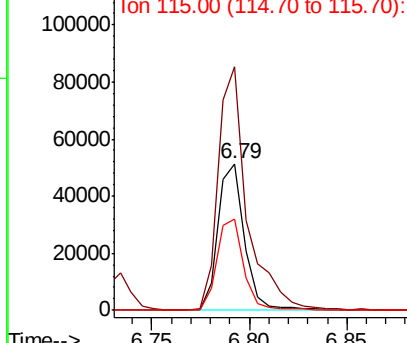


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

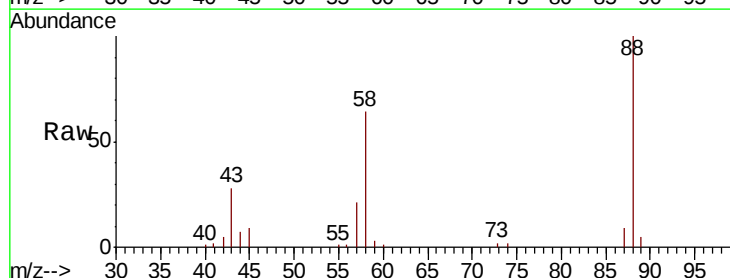
Ion 115.00 (114.70 to 115.70): E



#2

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

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	49.4	74.2
43	0.0	18.1	27.1

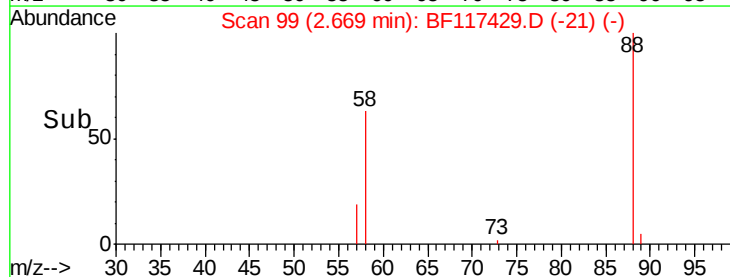
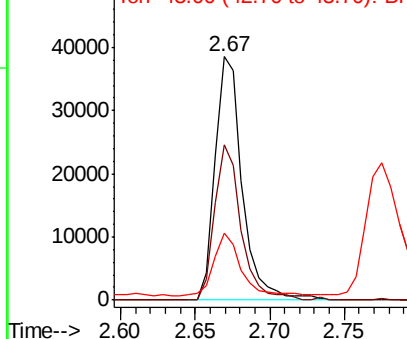


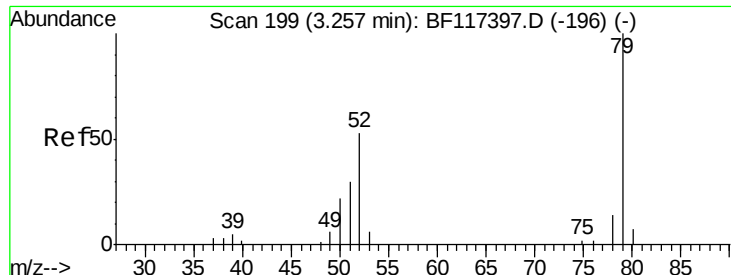
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





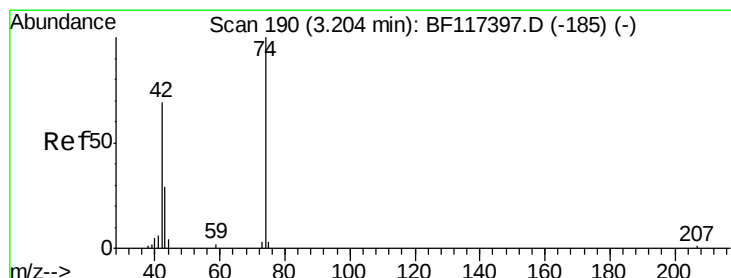
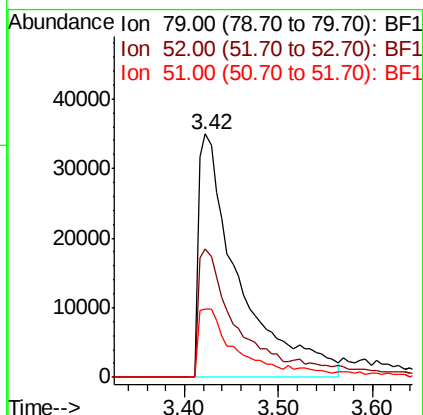
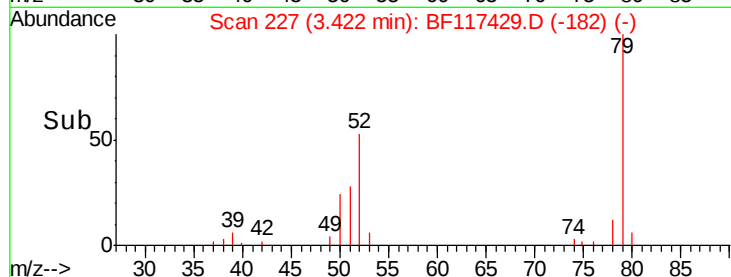
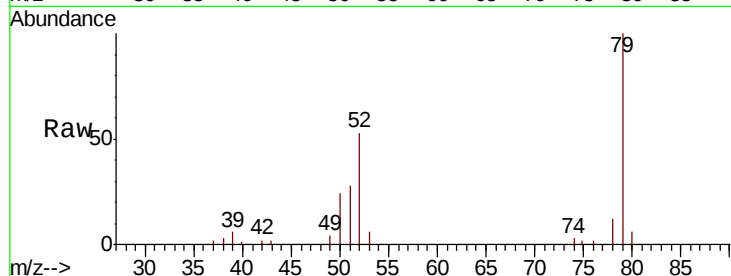
#3
 Pvridine
 Concen: 31.949 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.16 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Tot Ion:	79	Resp:	104705
Ion	Ratio	Lower	Upper
79	100		
52	52.6	42.7	64.1
51	28.2	23.8	35.8

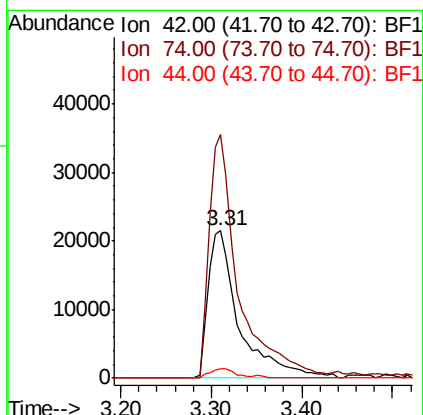
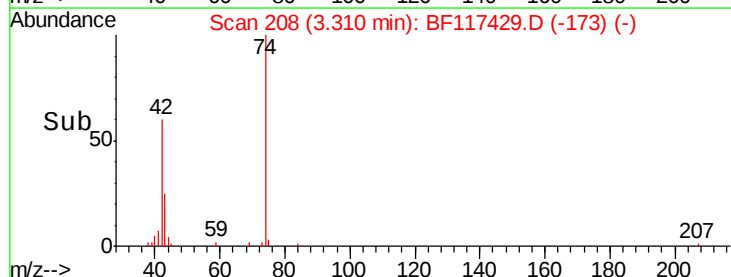
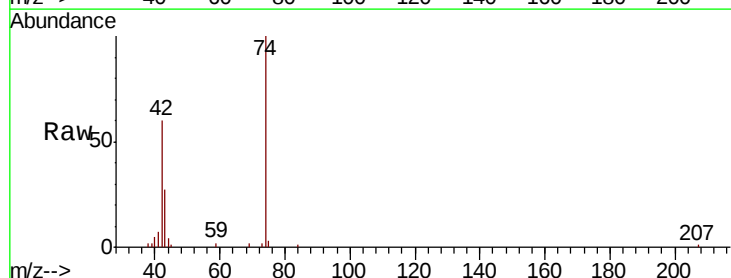
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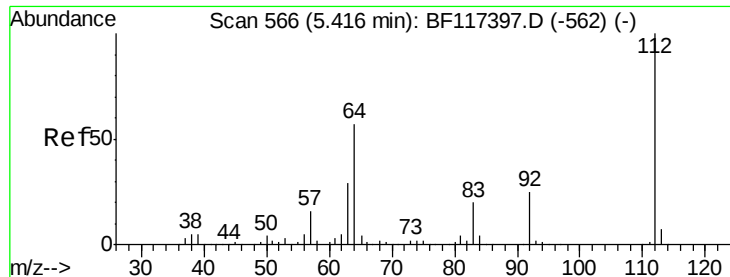
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#4
 n-Nitrosodimethylamine
 Concen: 44.520 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.11 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion:	42	Resp:	51415
Ion	Ratio	Lower	Upper
42	100		
74	165.4	116.2	174.4
44	6.1	4.2	6.4





#5

2-Fluorophenol

Concen: 128.026 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.02 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

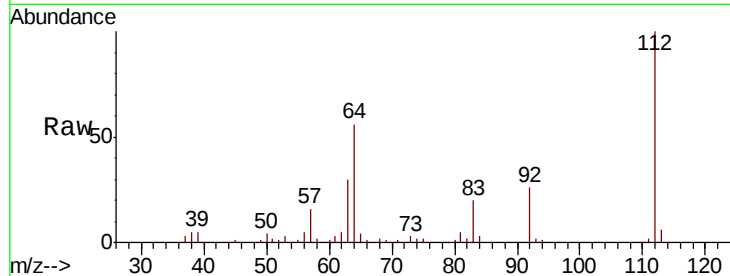
ClientSampleId :

SU-01-101519MS

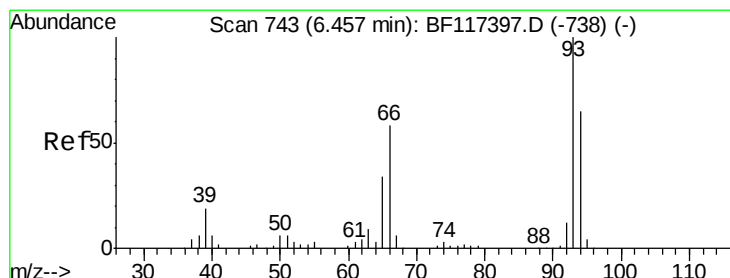
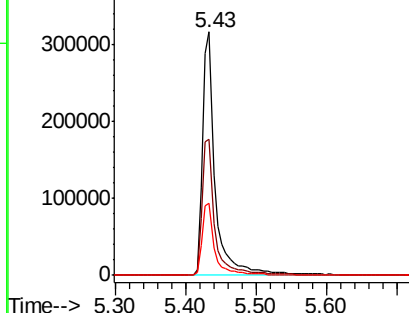
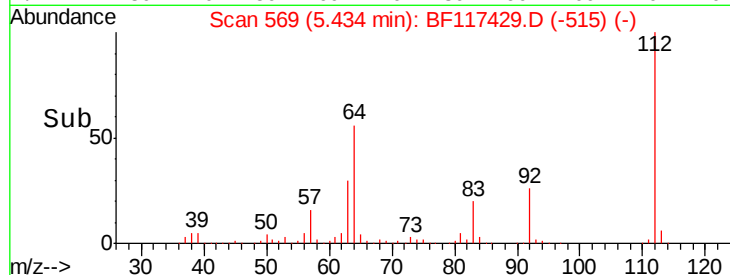
Tot Ion:	112	Resp:	400478
Ion Ratio	Lower	Upper	
112	100		
64	56.1	45.2	67.8
63	29.5	23.4	35.2

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.391 ng

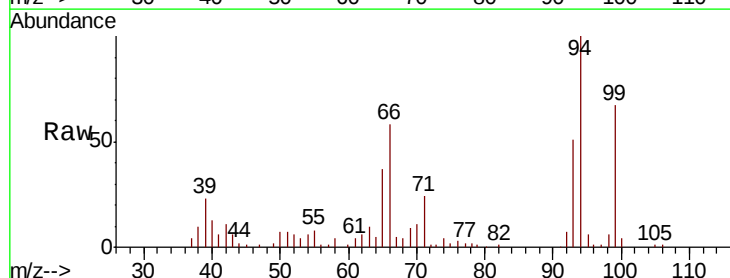
RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

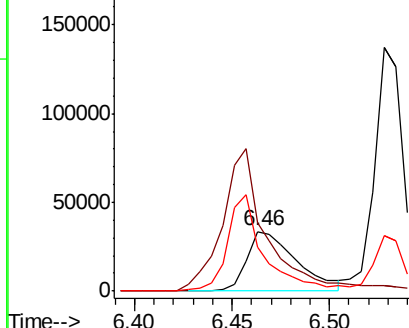
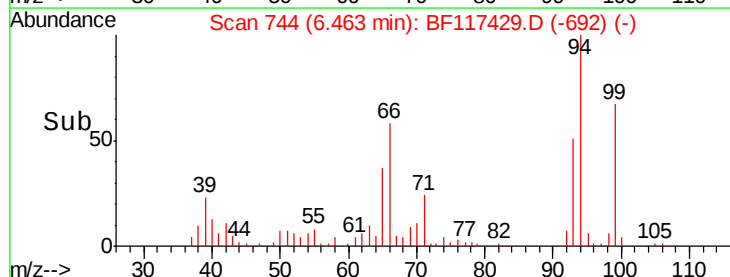
Lab File: BF117429.D

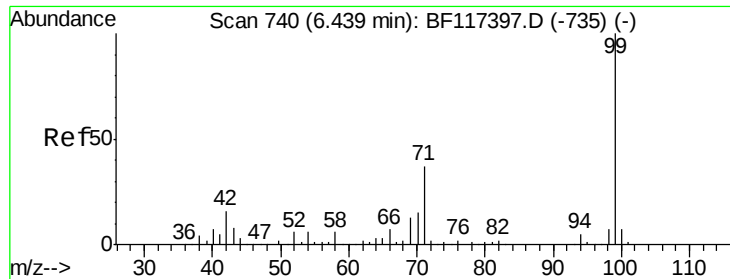
Acq: 17 Oct 2019 18:47

Tgt Ion:	93	Resp:	59059
Ion Ratio	Lower	Upper	
93	100		
66	114.4	48.4	72.6#
65	73.3	27.8	41.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.149 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

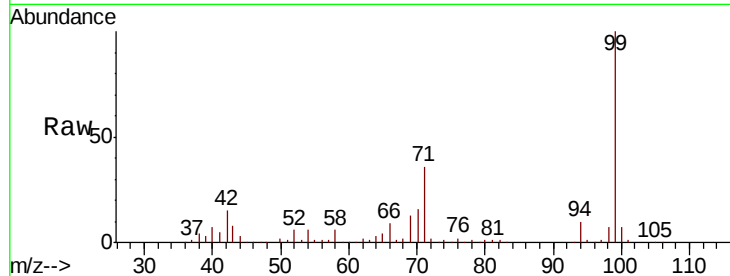
ClientSampleId :

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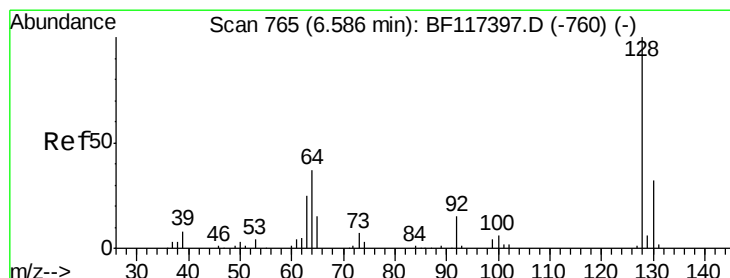
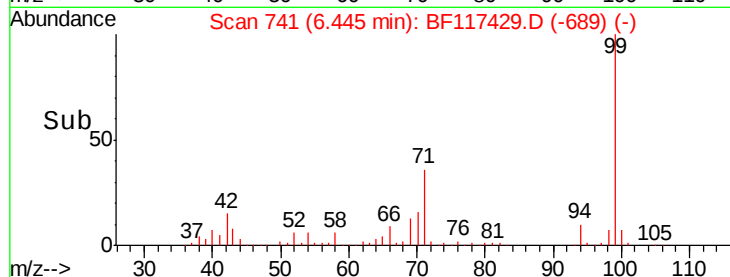
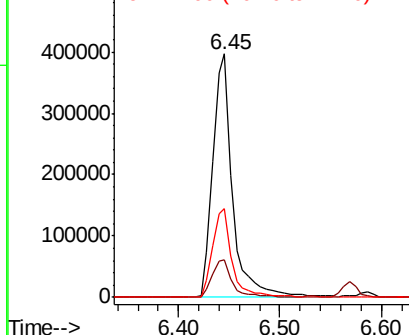
Tot Ion:	99	Resp:	536018
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.5	18.7
71	36.3	29.2	43.8

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



#8

2-Chlorophenol

Concen: 41.490 ng

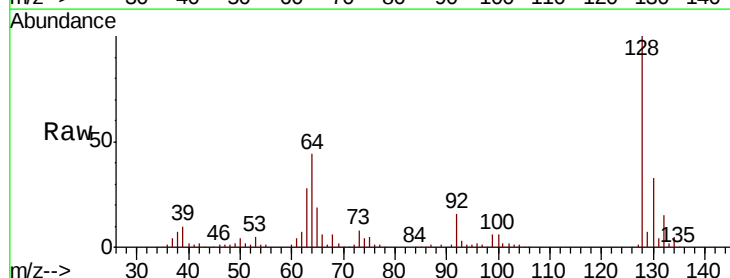
RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

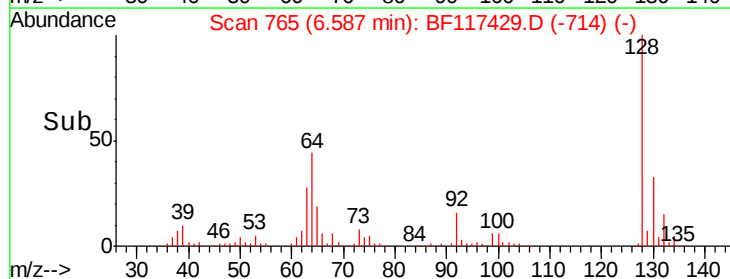
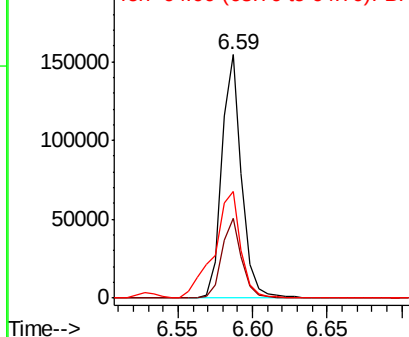
Lab File: BF117429.D

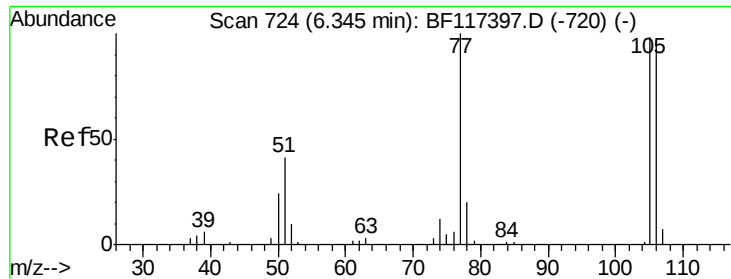
Acq: 17 Oct 2019 18:47

Tgt Ion:	128	Resp:	144292
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.7	51.7
64	44.1	20.4	60.4



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





#9

Benzaldehyde

Concen: 25.347 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

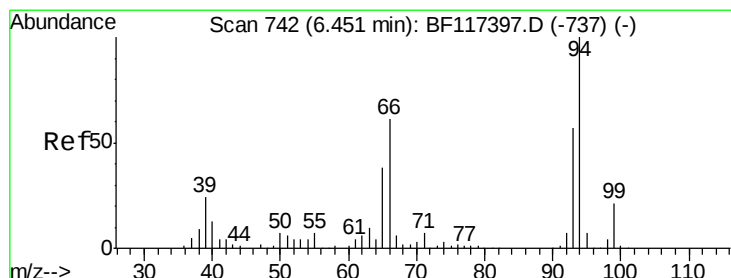
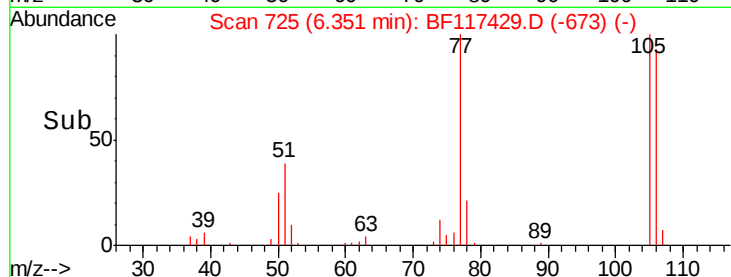
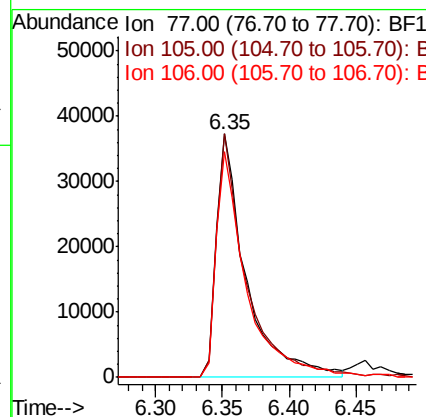
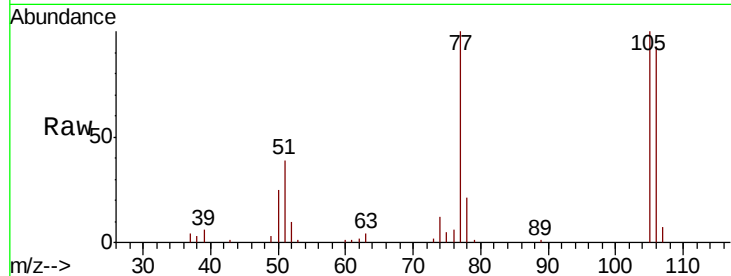
ClientSampleId :

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Tot Ion:	77	Resp:	58555
Ion	Ratio	Lower	Upper
77	100		
105	99.9	77.9	117.9
106	92.7	77.2	117.2

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#10

Phenol

Concen: 44.883 ng

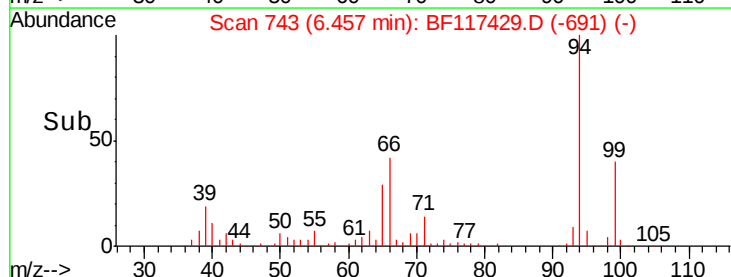
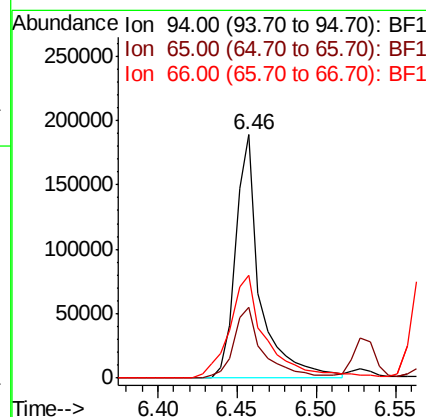
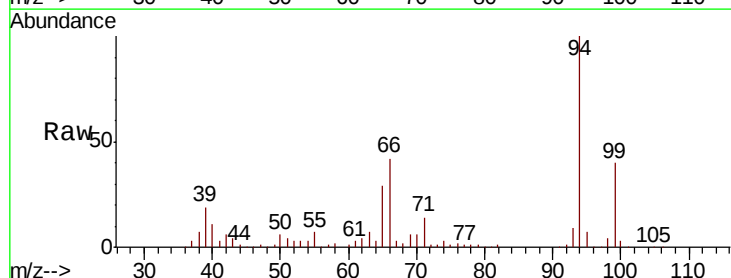
RT: 6.46 min Scan# 743

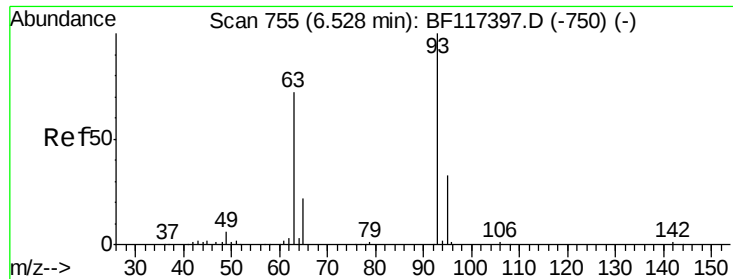
Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion:	94	Resp:	201108
Ion	Ratio	Lower	Upper
94	100		
65	28.9	18.2	58.2
66	42.5	41.1	81.1





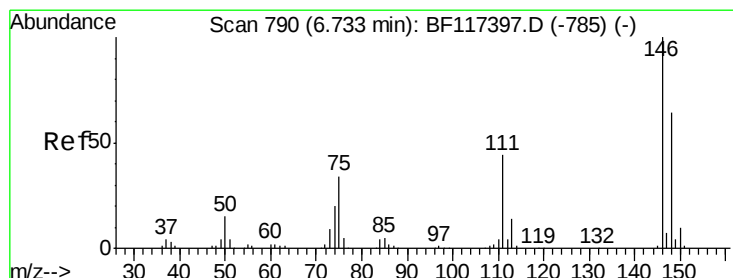
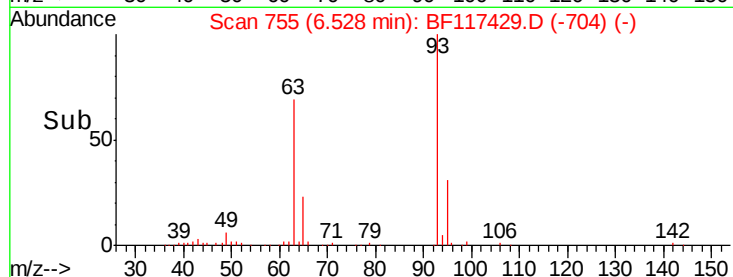
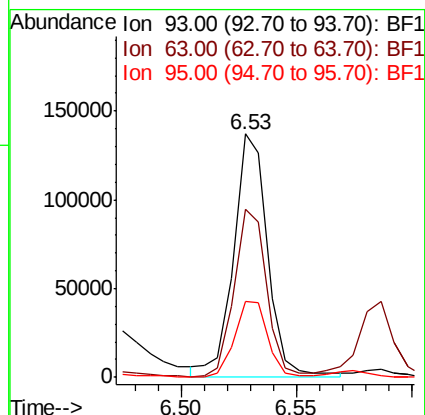
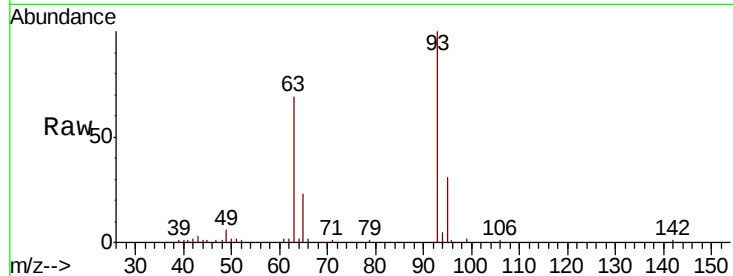
#11
bis(2-Chloroethyl)ether
Concen: 41.266 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

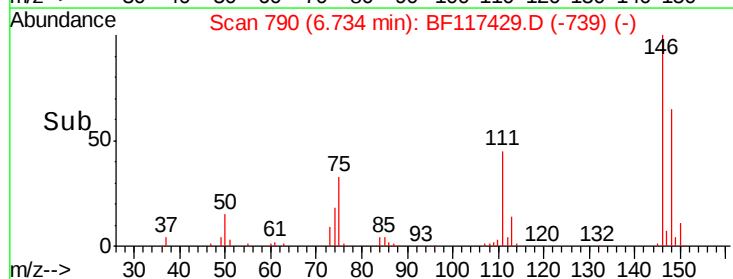
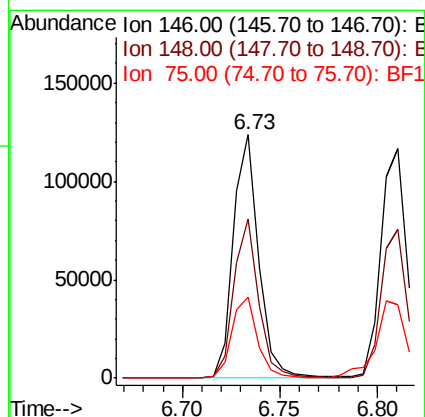
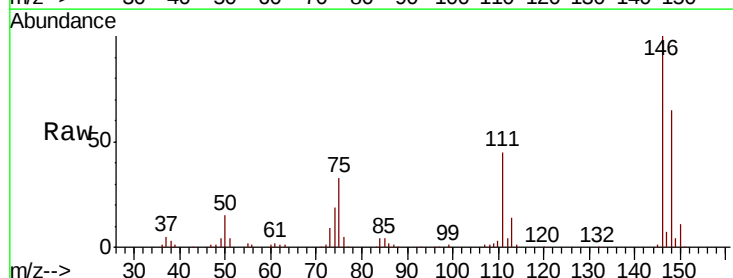
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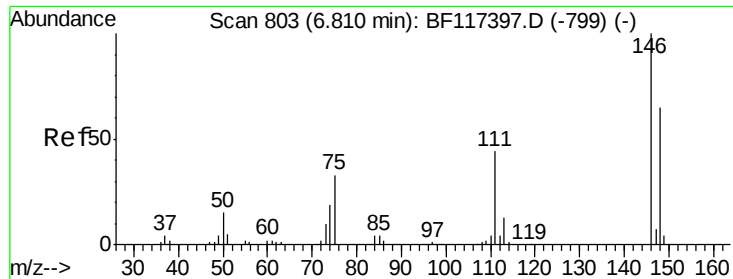
mohammad
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#12
1,3-Dichlorobenzene
Concen: 28.757 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





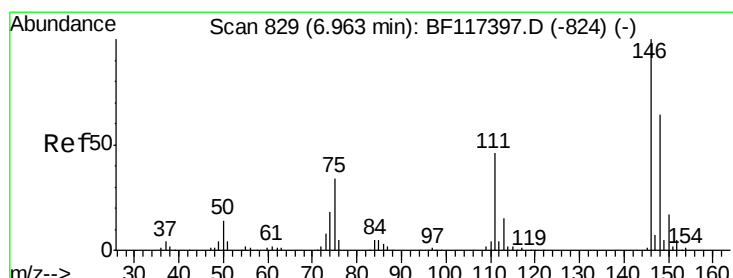
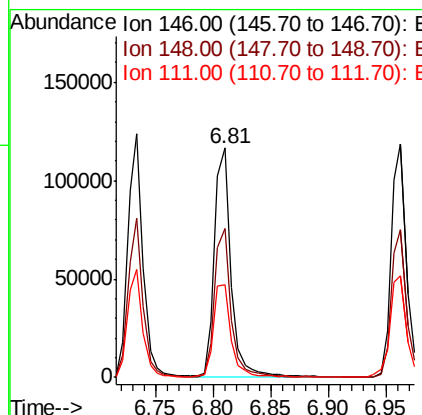
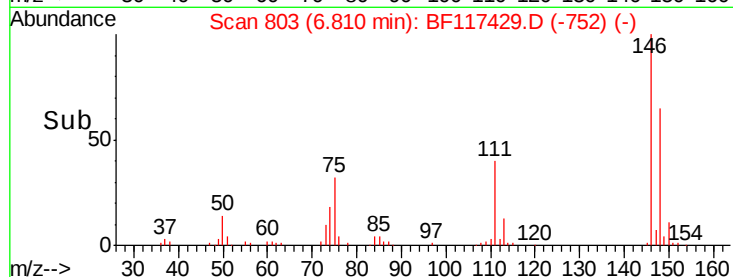
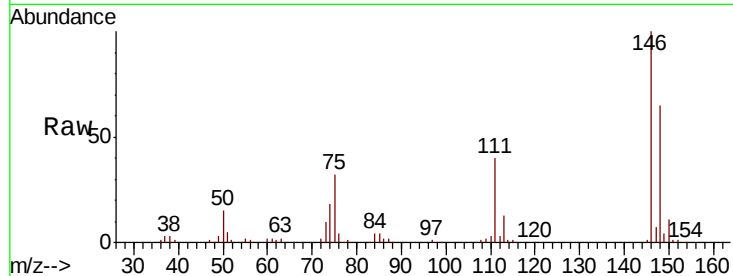
#13
 1,4-Dichlorobenzene
 Concen: 29.595 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.2	78.2
111	40.3	35.7	53.5

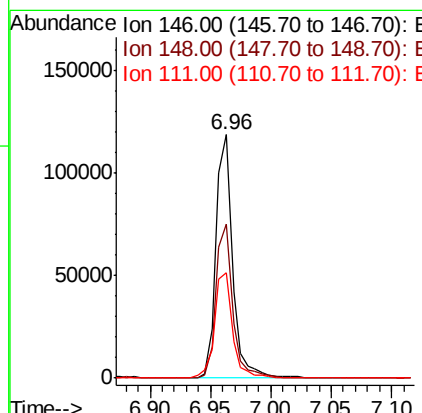
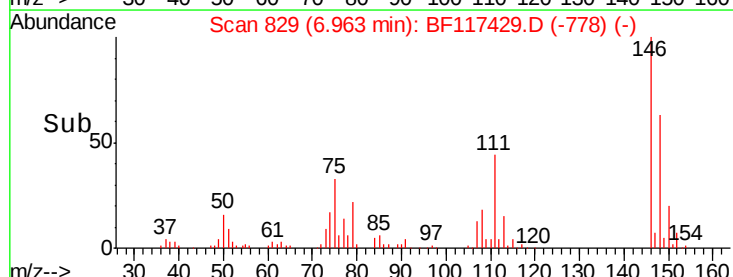
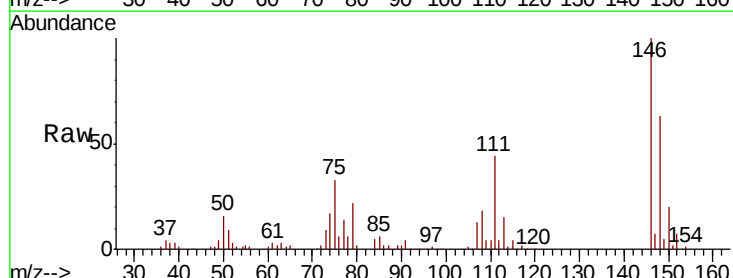
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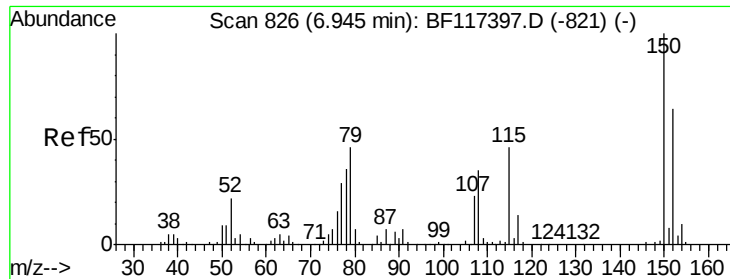
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 29.991 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.6
111	43.5	36.5	54.7





#15

Benzyl Alcohol

Concen: 42.308 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

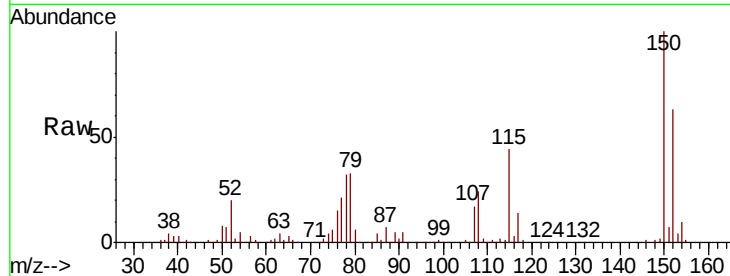
ClientSampleId :

SU-01-101519MS

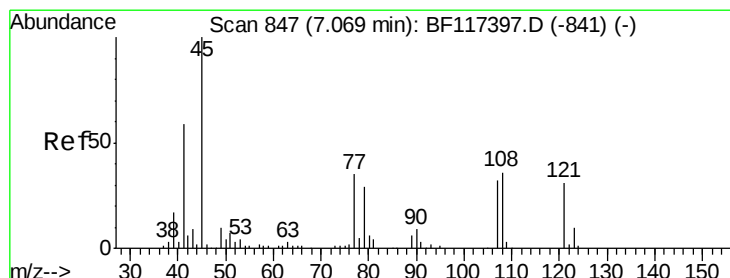
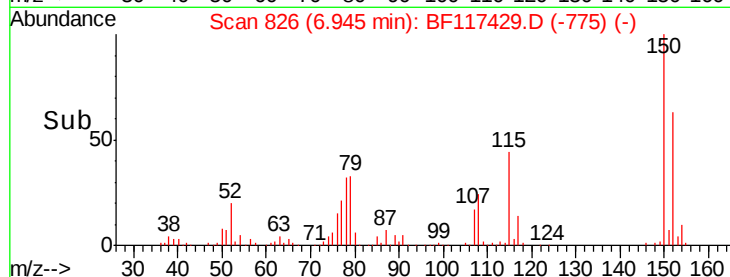
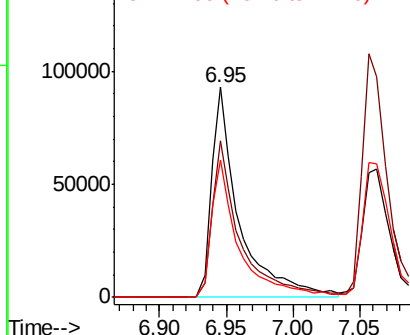
Tot Ion:	79	Resp:	134342
Ion Ratio	Lower	Upper	
79	100		
108	74.8	60.4	90.6
77	65.6	50.6	76.0

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.653 ng

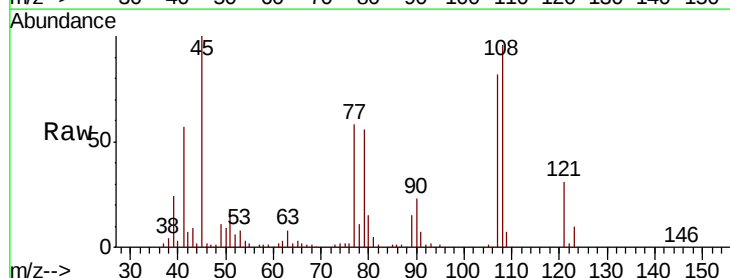
RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

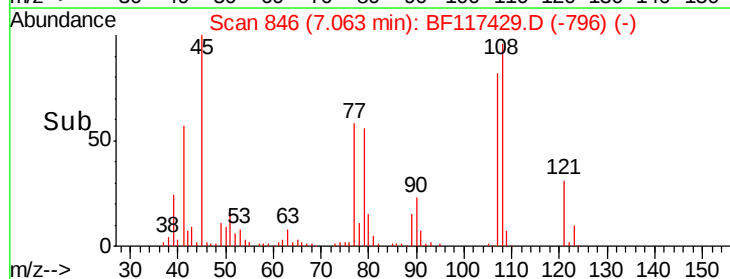
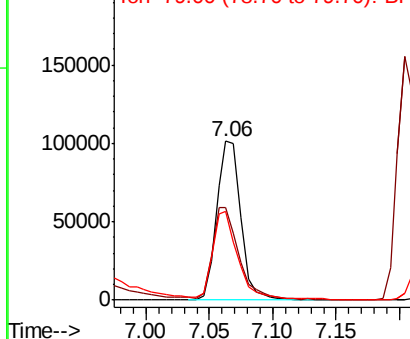
Lab File: BF117429.D

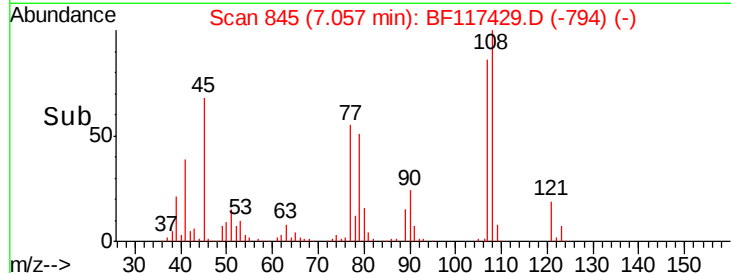
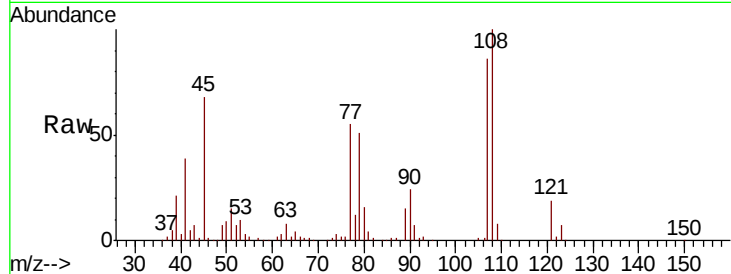
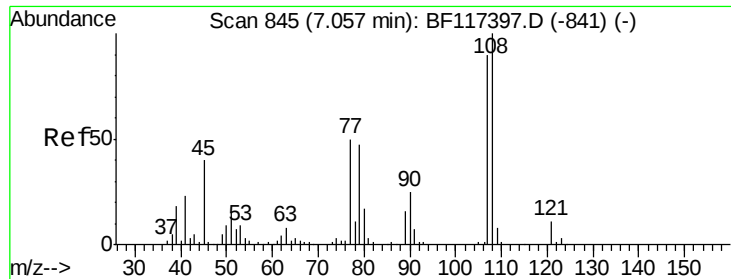
Acq: 17 Oct 2019 18:47

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



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





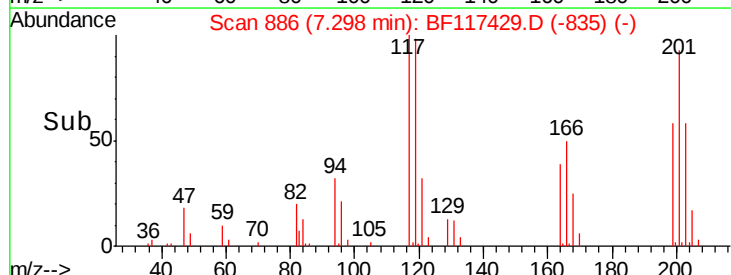
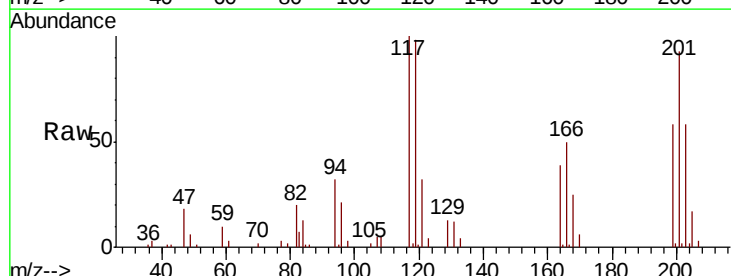
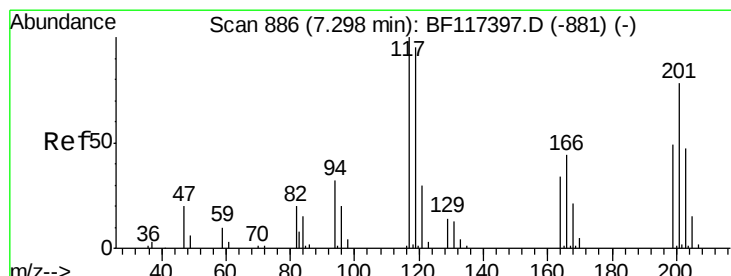
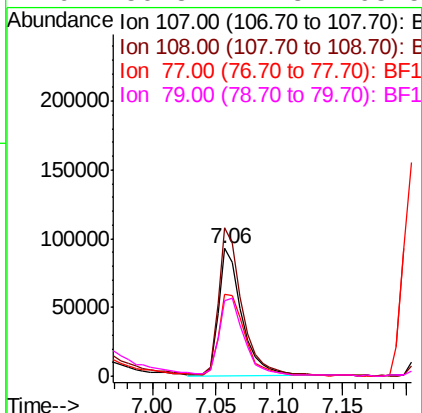
#17
2-Methylphenol
Concen: 41.203 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

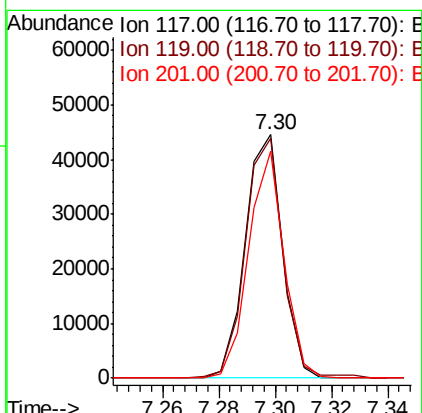
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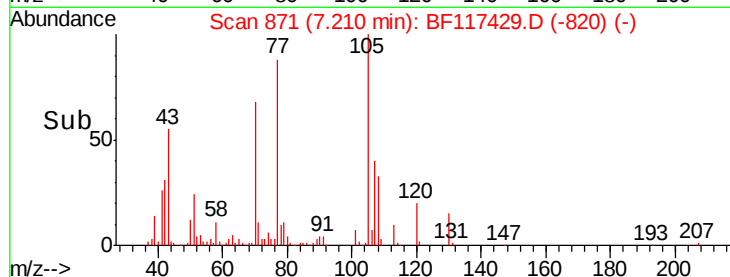
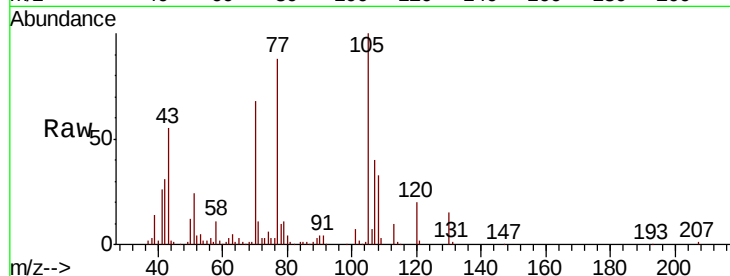
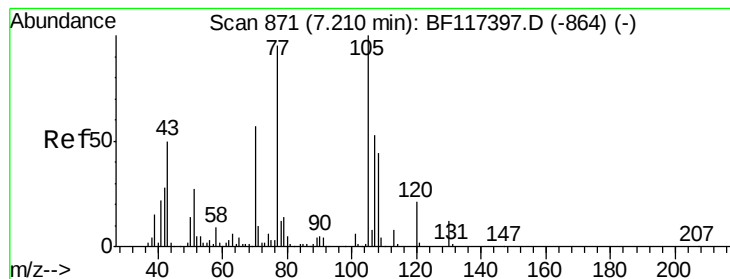
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#18
Hexachloroethane
Concen: 26.366 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





#19

n-Nitroso-di-n-propylamine

Concen: 41.485 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

ClientSampleId :

SU-01-101519MS

Tot Ion: 70 Resp: 109782

Ion Ratio Lower Upper

70 100

42 45.3 39.8 59.8

101 9.6 8.1 12.1

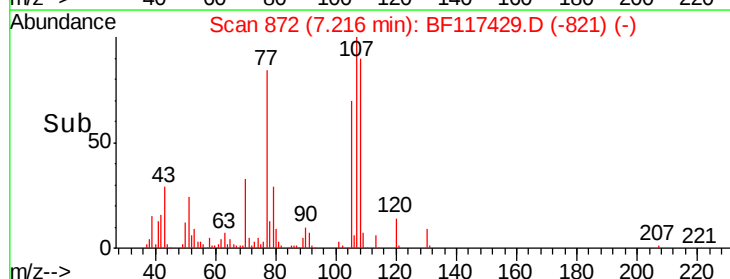
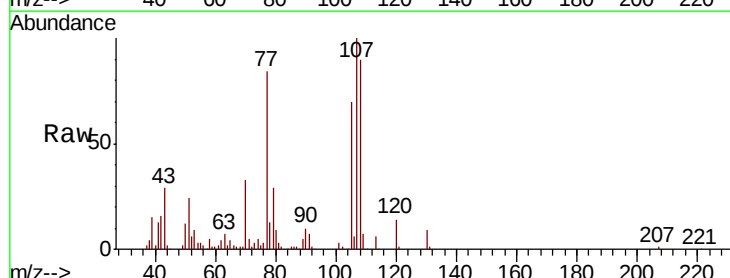
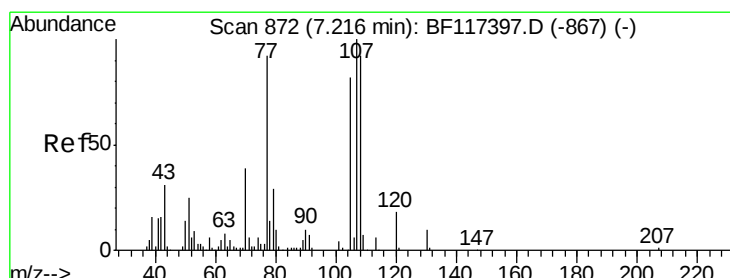
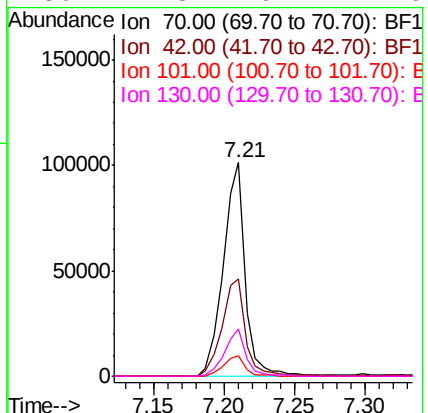
130 22.3 16.4 24.6

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#20

3+4-Methylphenols

Concen: 42.903 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion: 107 Resp: 160386

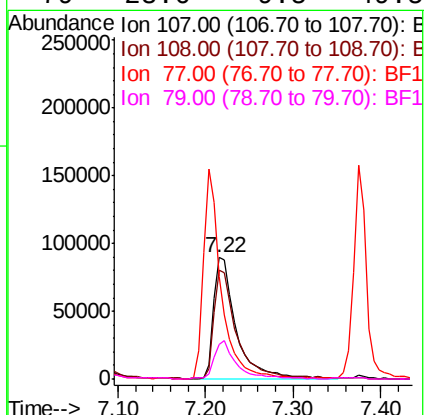
Ion Ratio Lower Upper

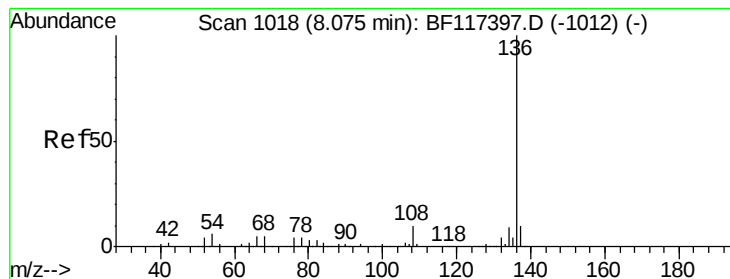
107 100

108 89.8 71.8 111.8

77 84.2 72.7 112.7

79 28.6 9.5 49.5





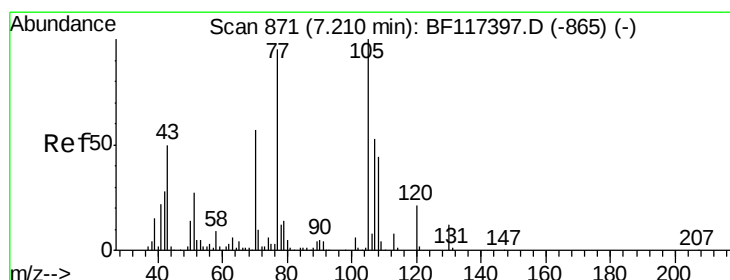
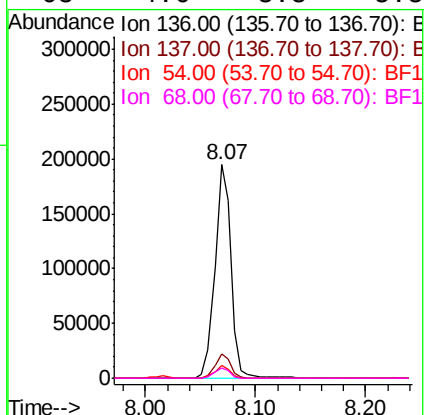
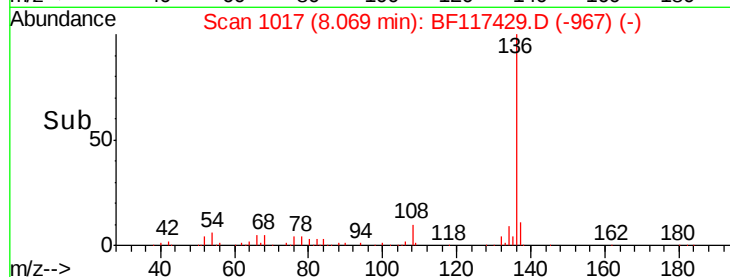
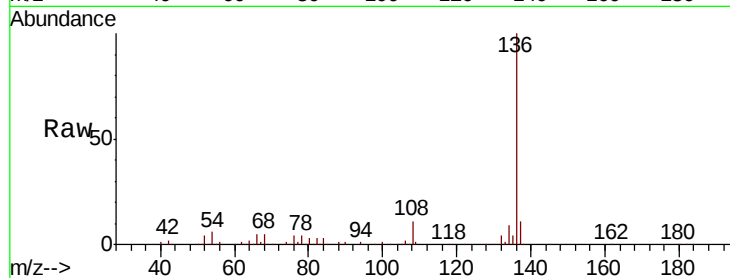
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

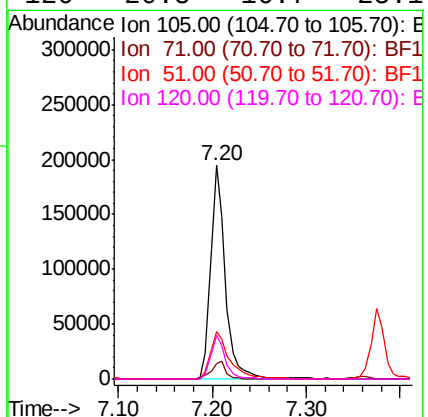
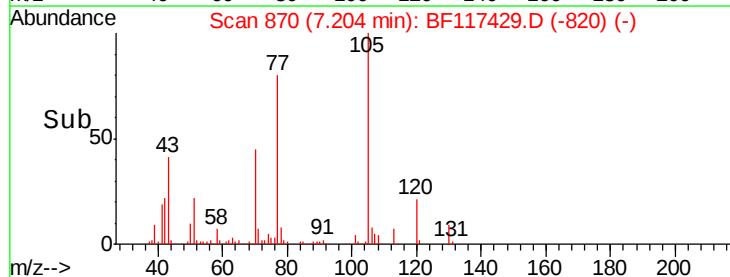
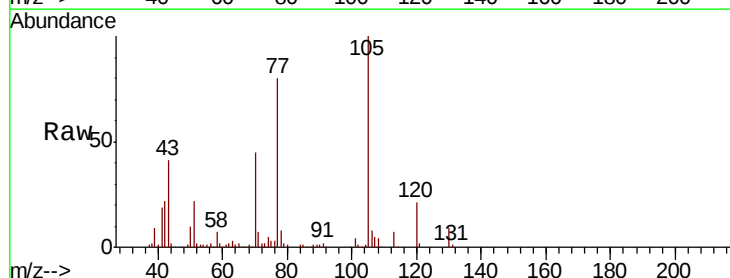
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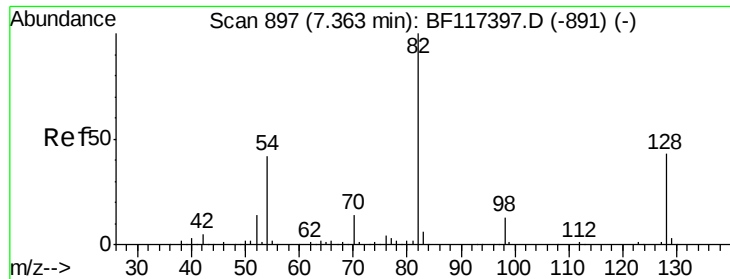
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#22
Acetophenone
Concen: 42.431 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





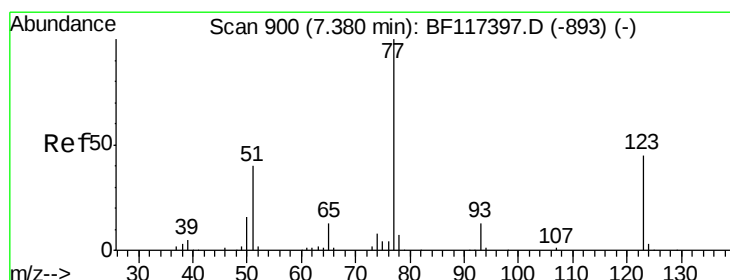
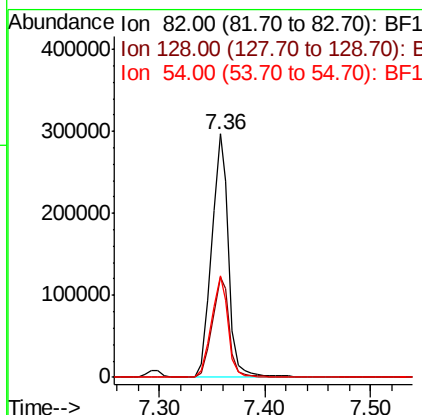
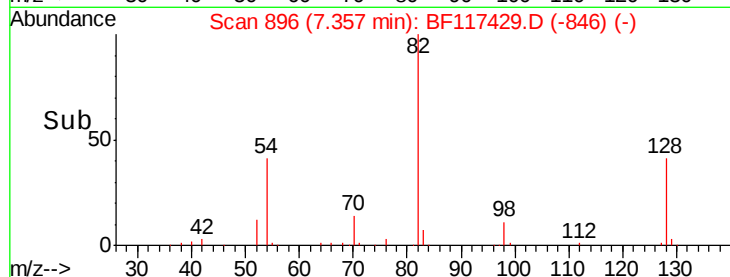
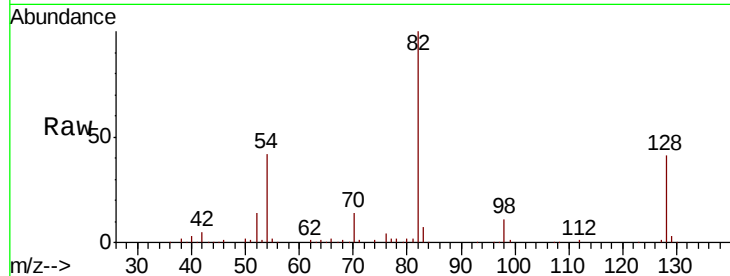
#23
Nitrobenzene-d5
Concen: 87.564 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

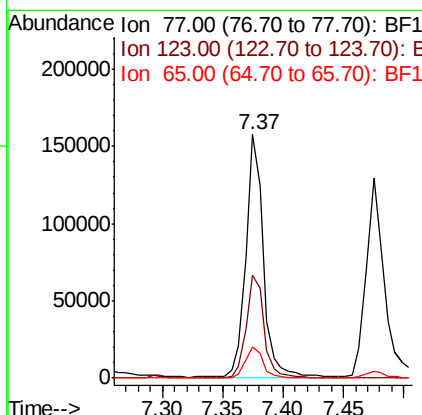
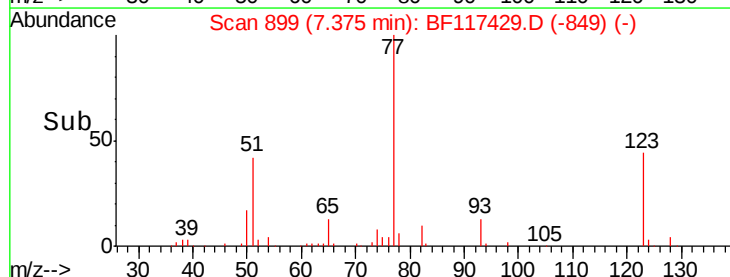
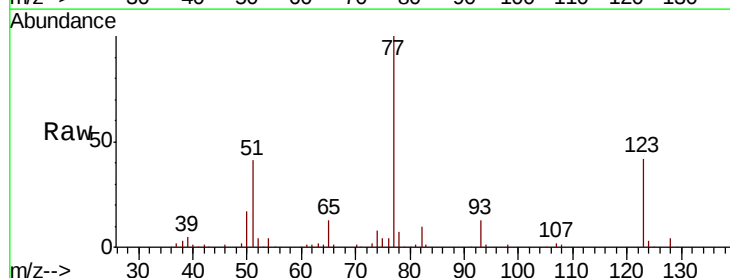
Manual Integrations
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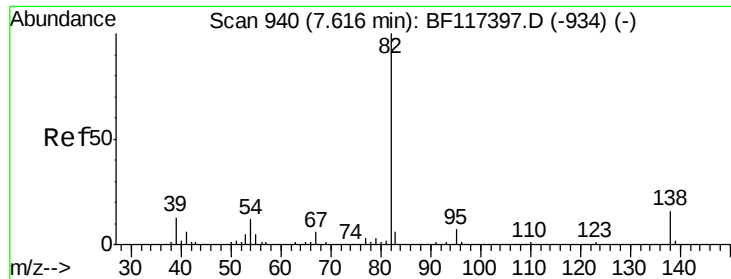
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#24
Nitrobenzene
Concen: 41.793 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





#25

Isophorone

Concen: 43.640 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

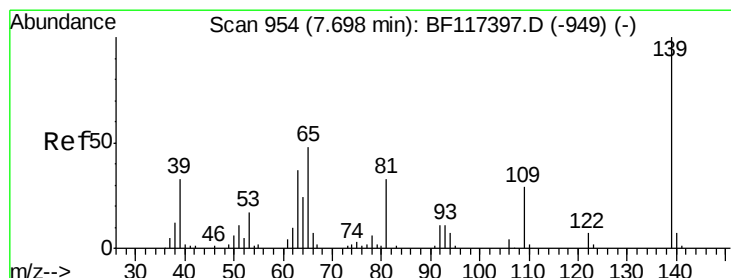
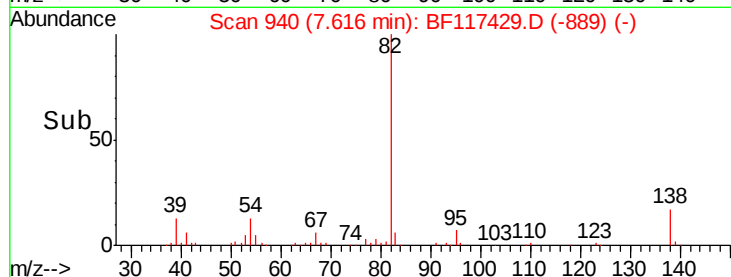
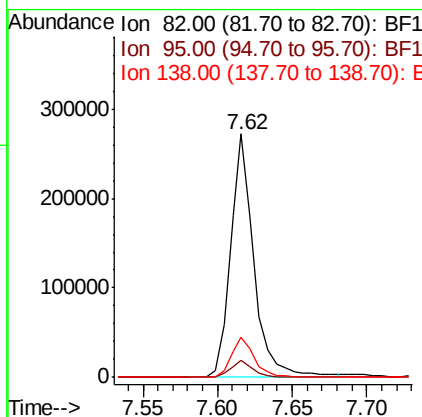
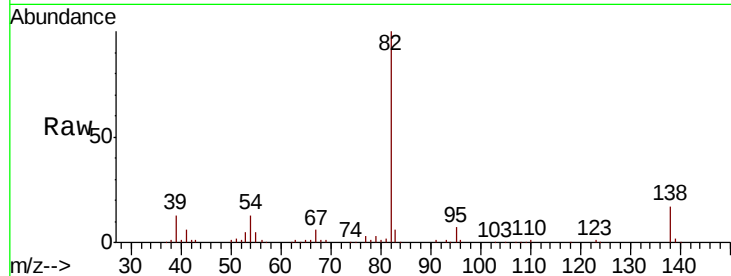
ClientSampleId :

SU-01-101519MS

Tot Ion:	82	Resp:	299430
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.0
138	16.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 44.677 ng

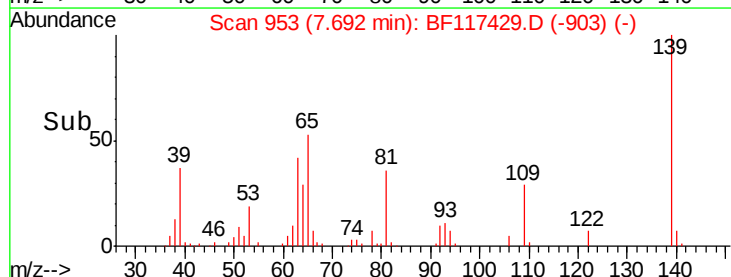
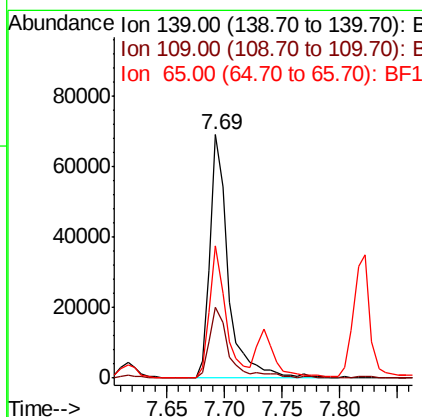
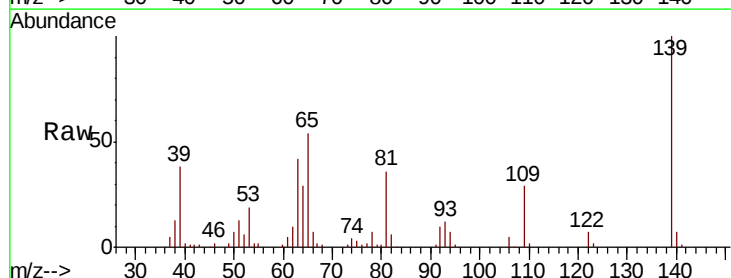
RT: 7.69 min Scan# 953

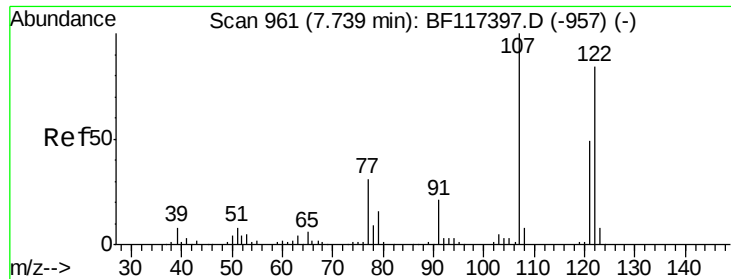
Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion:	139	Resp:	76482
Ion Ratio	Lower	Upper	
139	100		
109	29.2	23.1	34.7
65	54.2	38.2	57.4





#27

2,4-Dimethylphenol

Concen: 50.611 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

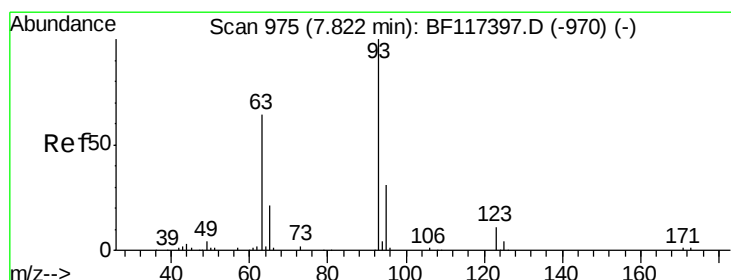
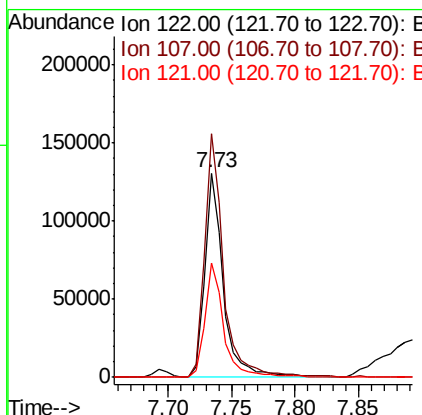
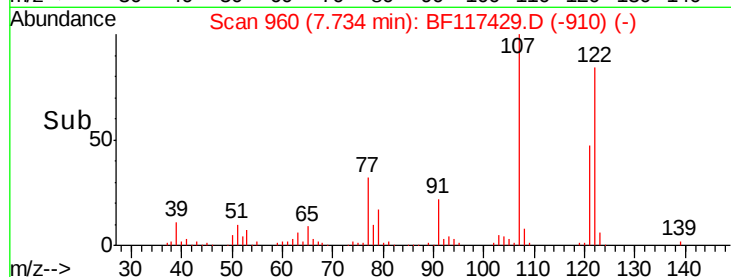
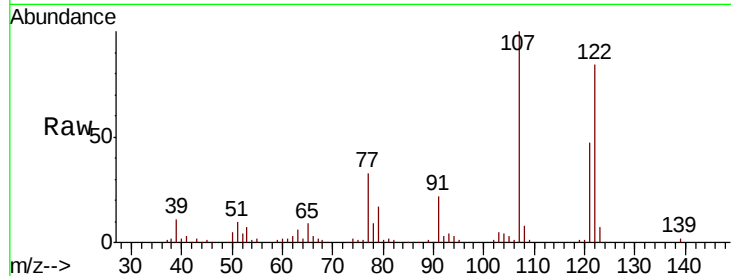
ClientSampleId :

SU-01-101519MS

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

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#28

bis(2-Chloroethoxy)methane

Concen: 42.063 ng

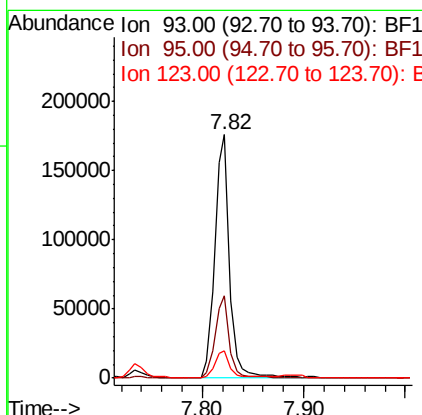
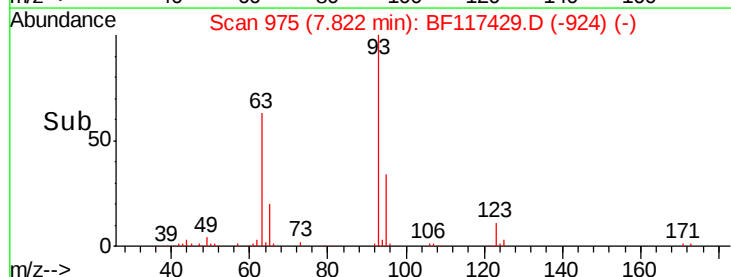
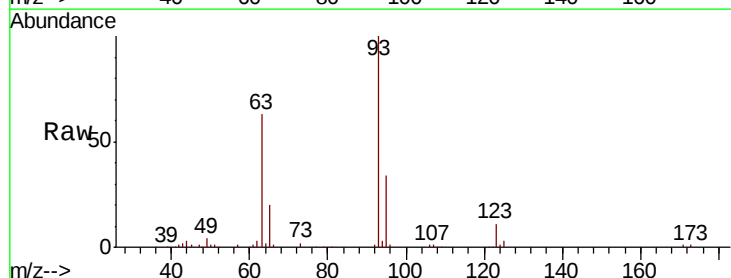
RT: 7.82 min Scan# 975

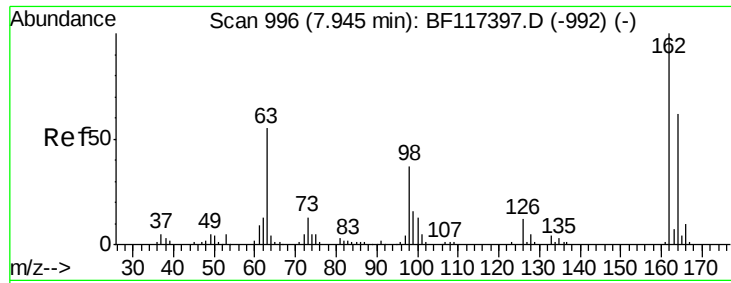
Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

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





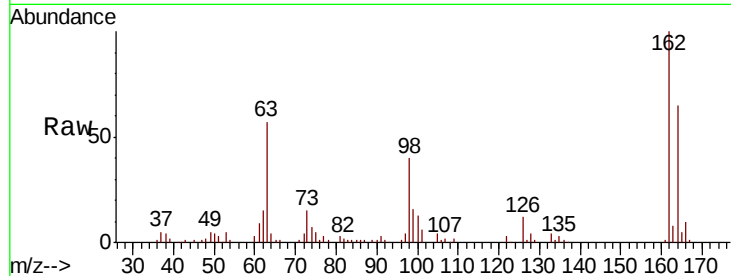
#29
2,4-Dichlorophenol
Concen: 44.385 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

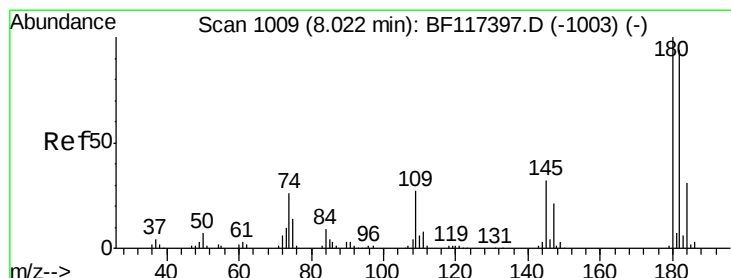
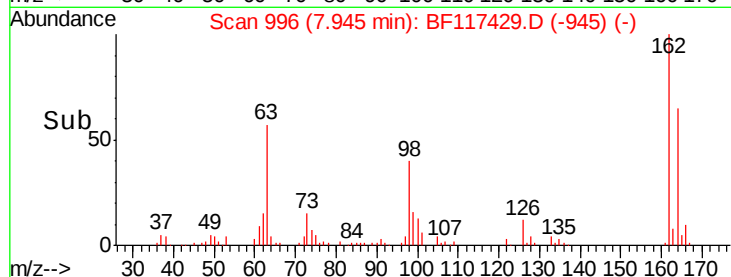
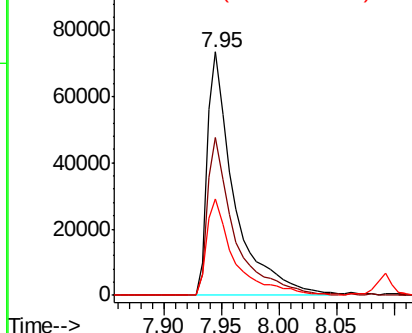
Tot Ion:	162	Resp:	119155
Ion Ratio	Lower	Upper	
162	100		
164	64.8	42.2	82.2
98	39.7	17.4	57.4

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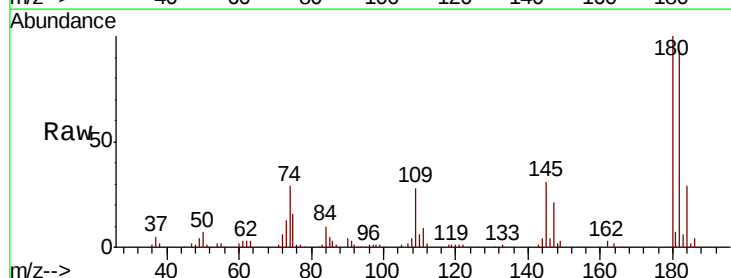


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

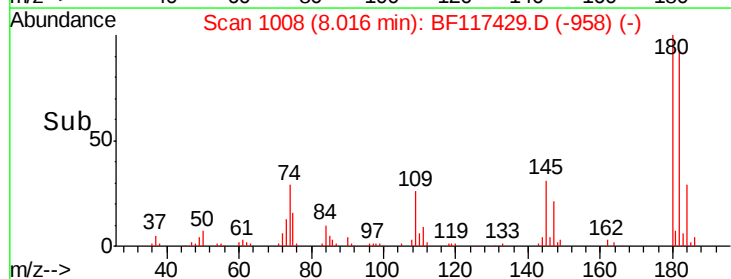
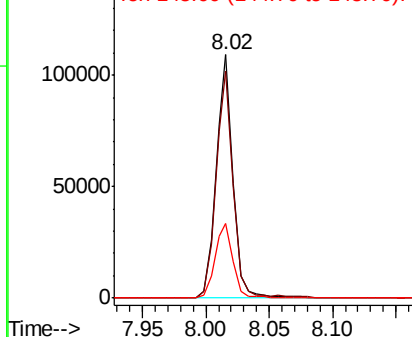


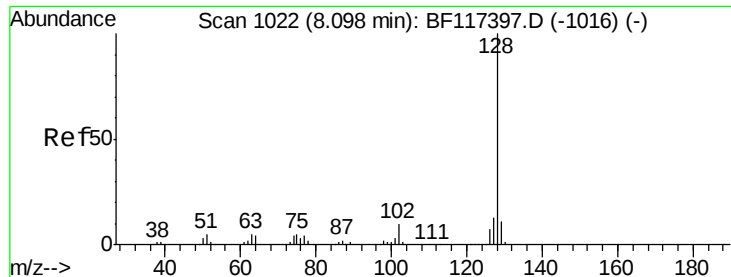
#30
1,2,4-Trichlorobenzene
Concen: 35.116 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion:	180	Resp:	101625
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.4	113.2
145	30.9	25.5	38.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





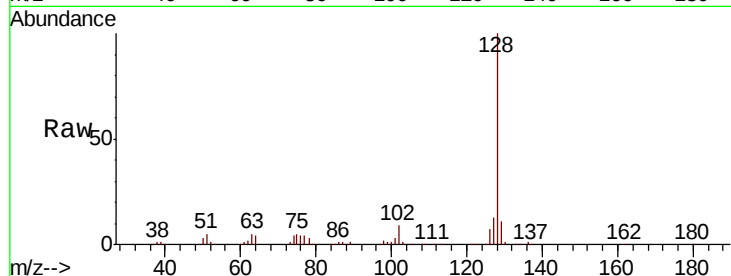
#31
Naphthalene
Concen: 39.307 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	12.7	10.4	15.6

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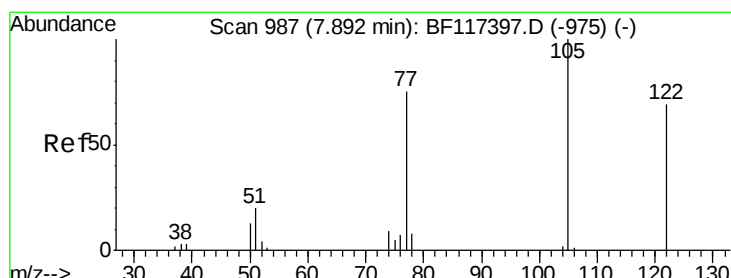
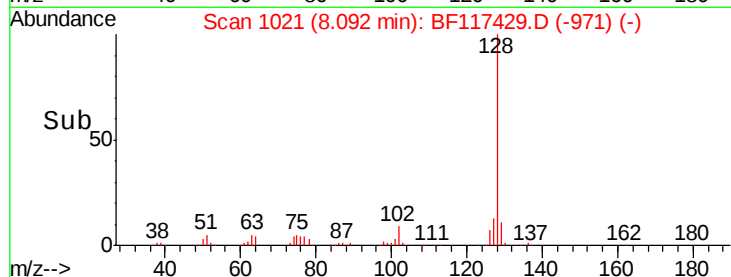
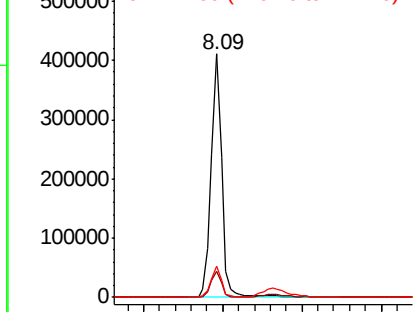


Abundance

Ion 128.00 (127.70 to 128.70): E

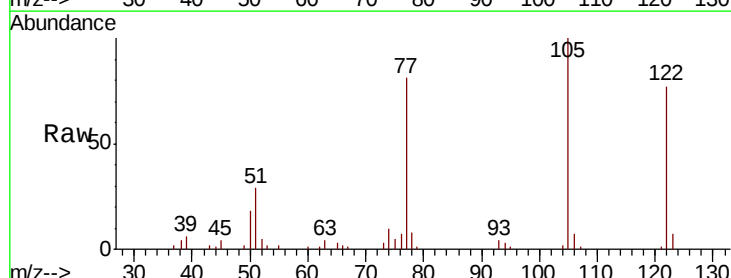
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.450 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.1	121.5	161.5
77	104.3	88.3	128.3

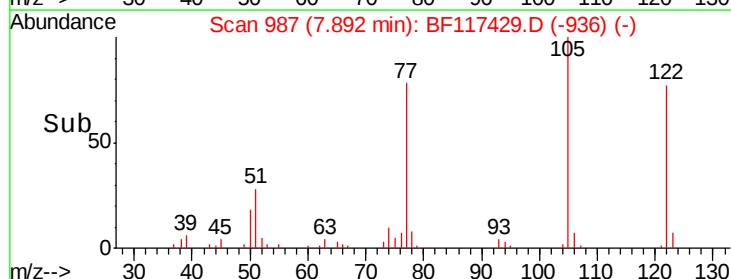
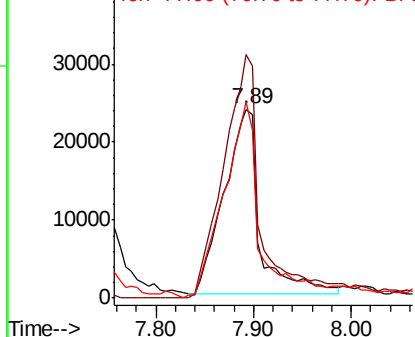


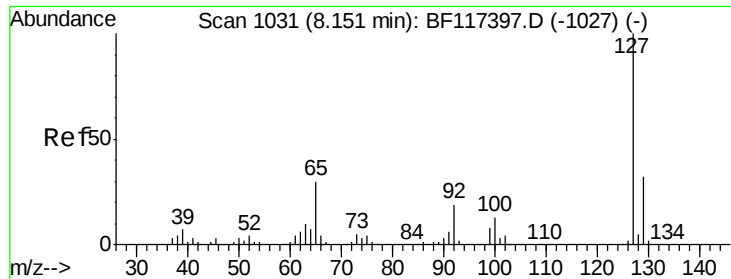
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





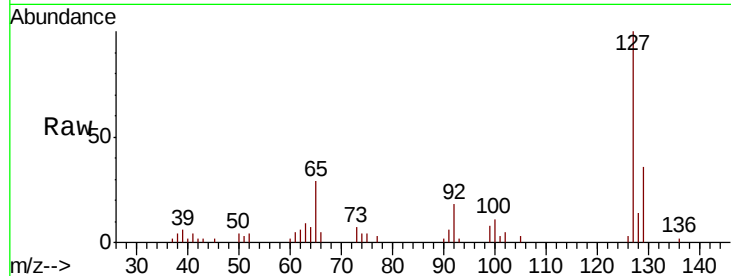
#33
4-Chloroaniline
Concen: 9.044 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

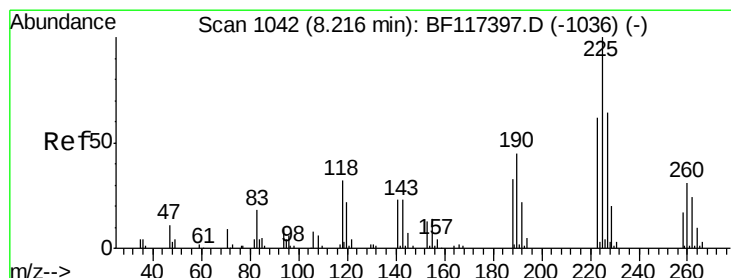
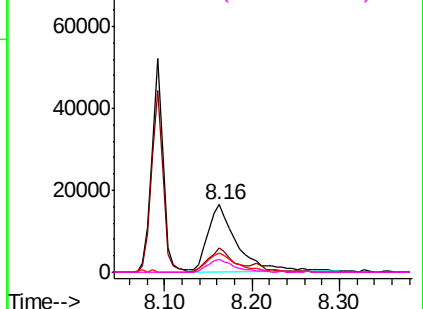
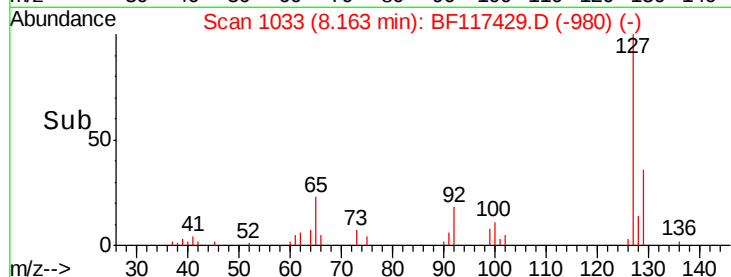
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		37450		
129	35.5	25.4	38.0		
65	29.1	23.8	35.8		
92	18.2	15.3	22.9		

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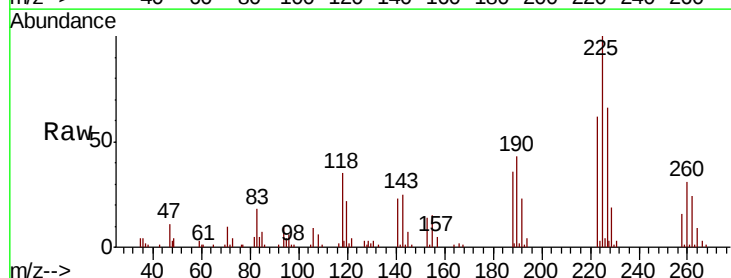


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

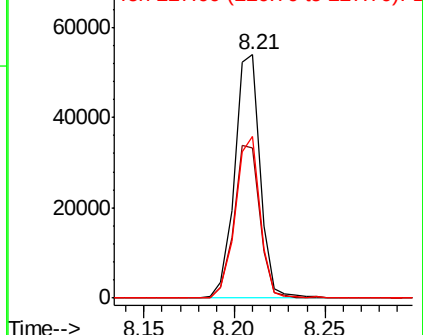
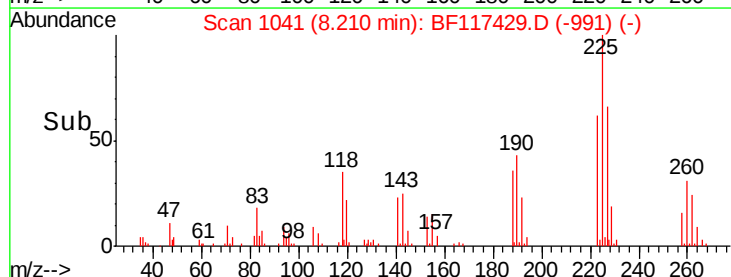


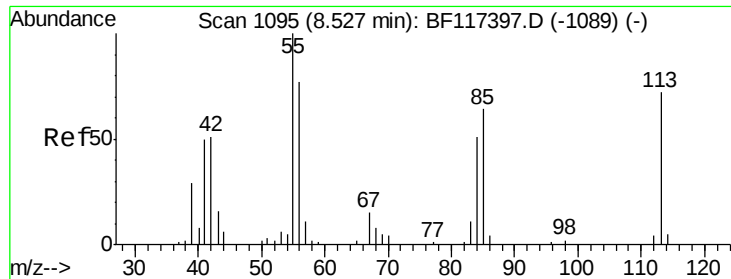
#34
Hexachlorobutadiene
Concen: 31.997 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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



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





#35

Caprolactam

Concen: 46.020 ng/mL

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

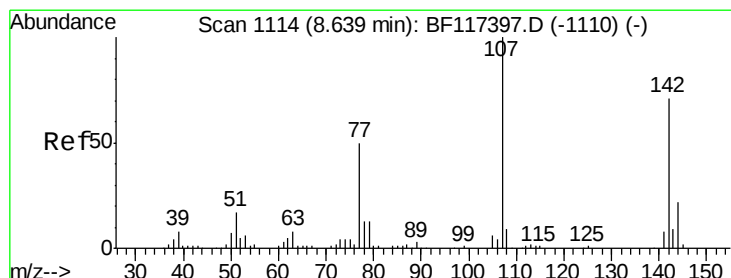
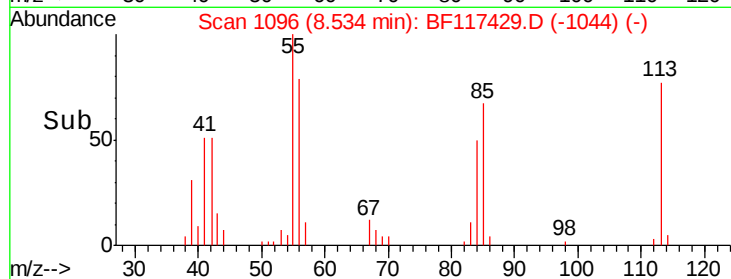
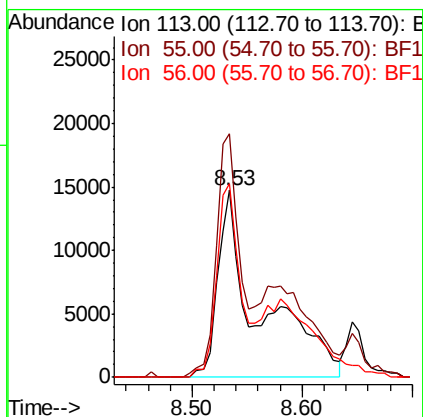
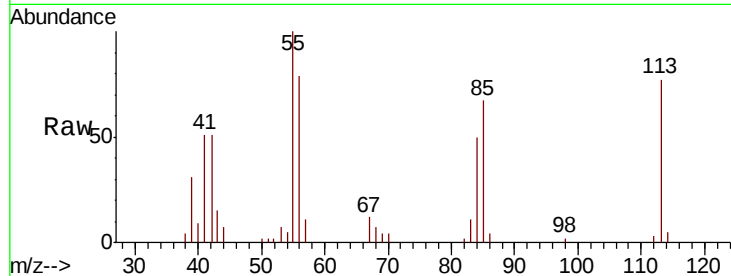
ClientSampleID :

SU-01-101519MS

Tot Ion:	113	Resp:	38689
Ion	Ratio	Lower	Upper
113	100		
55	130.4	118.5	158.5
56	103.5	86.7	126.7

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#36

4-Chloro-3-methylphenol

Concen: 47.450 ng/mL

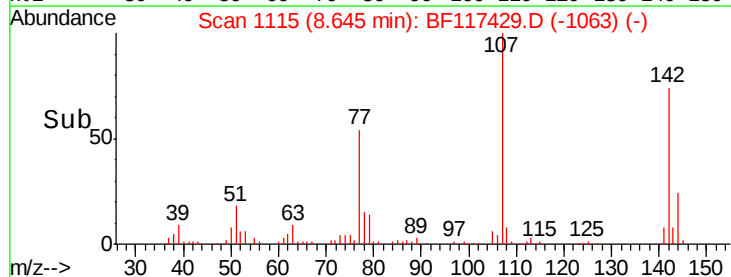
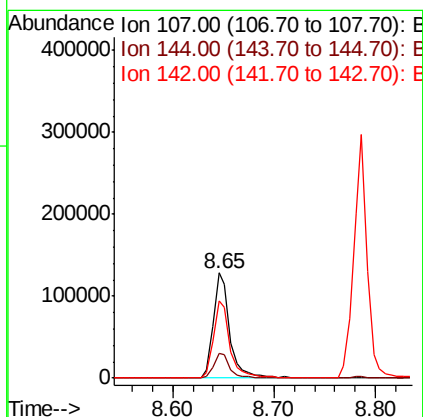
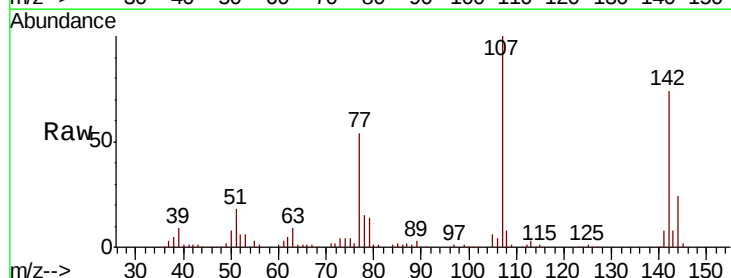
RT: 8.65 min Scan# 1115

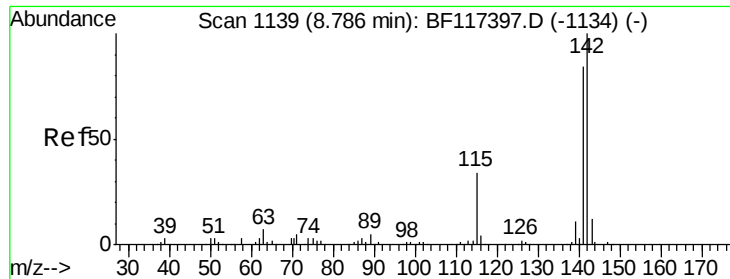
Delta R.T. 0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

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





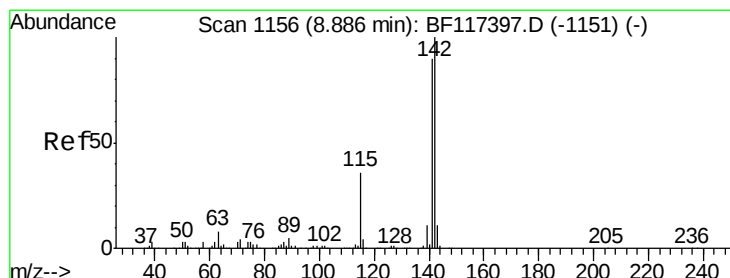
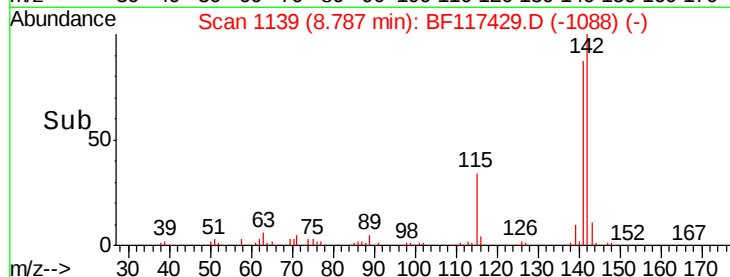
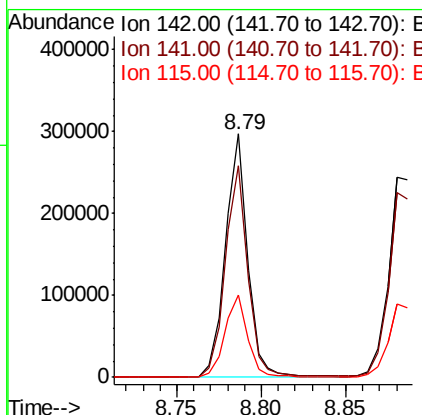
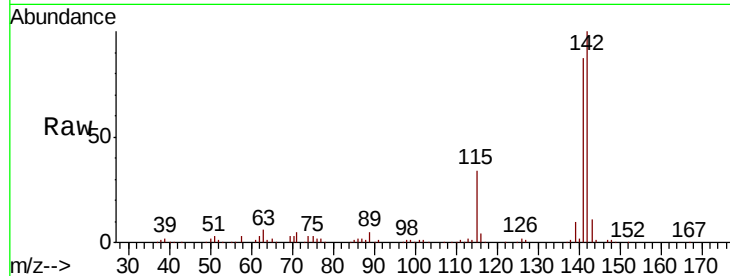
#37
2-Methylnaphthalene
Concen: 41.587 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

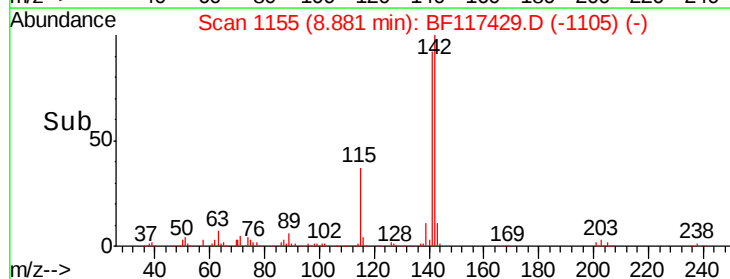
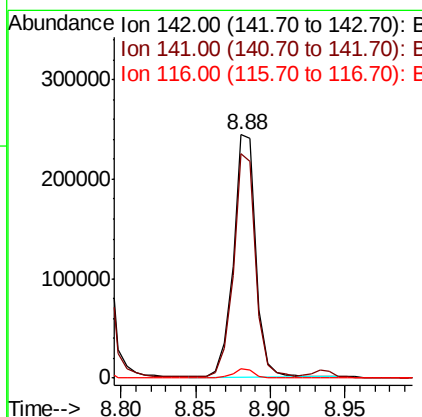
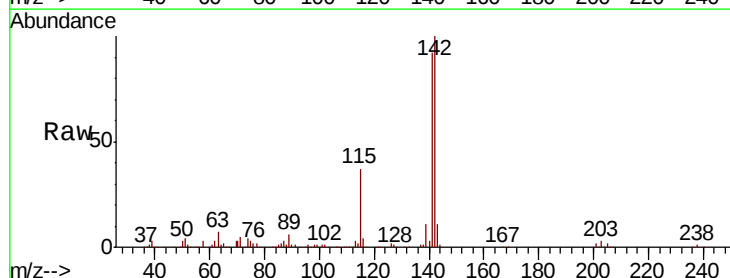
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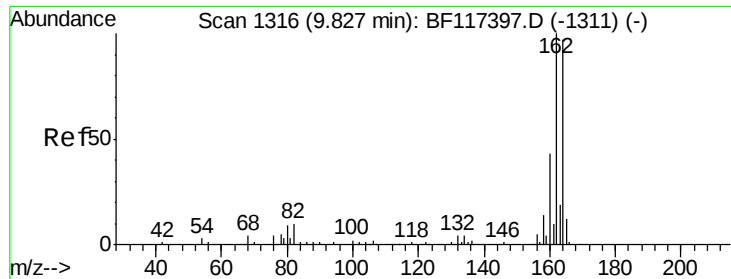
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#38
1-Methylnaphthalene
Concen: 41.467 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





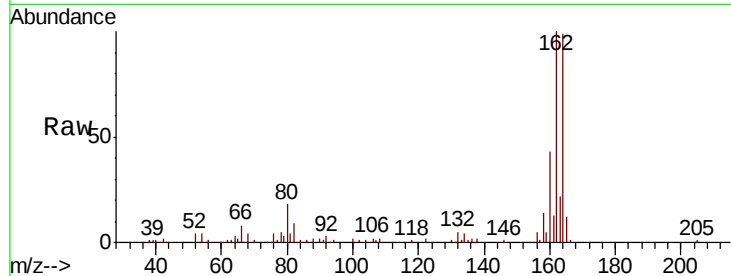
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	82.4	123.6	
160	43.5	35.4	53.0	

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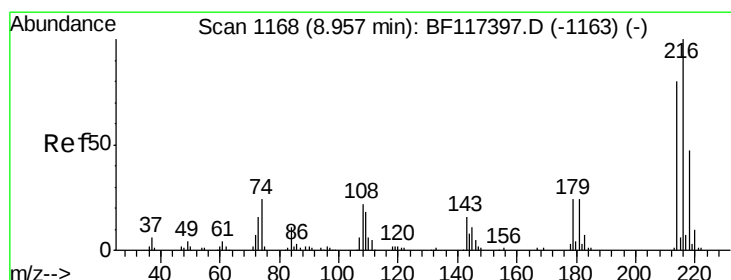
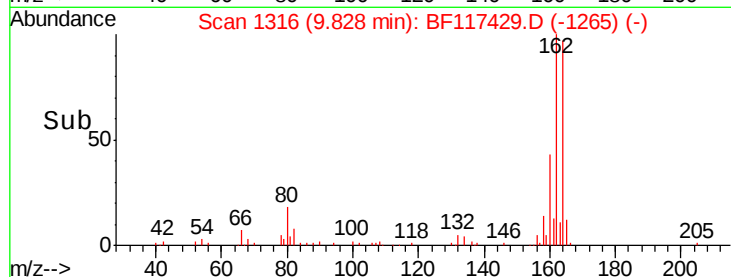
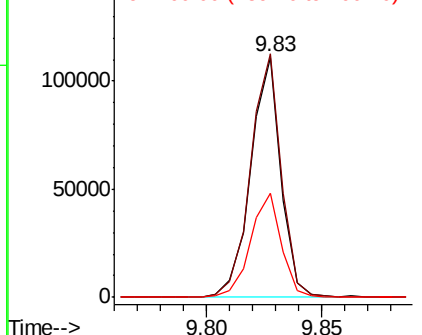


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.560 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.6	
179	23.0	18.6	28.0	
108	22.3	17.0	25.4	

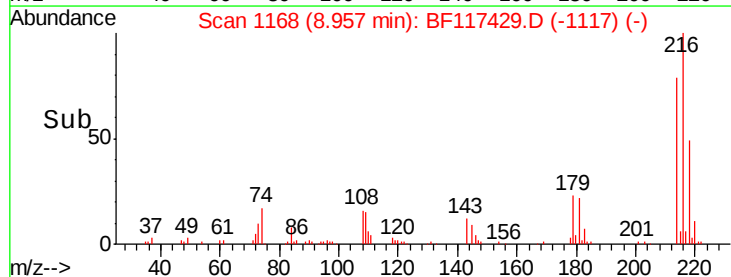
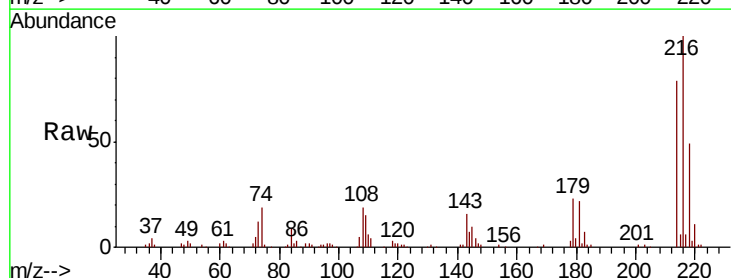
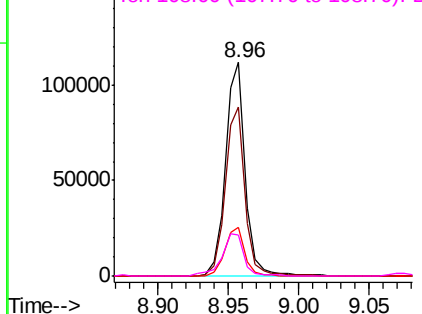
Abundance

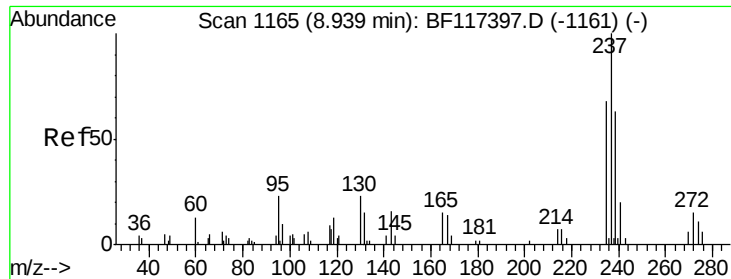
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.628 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

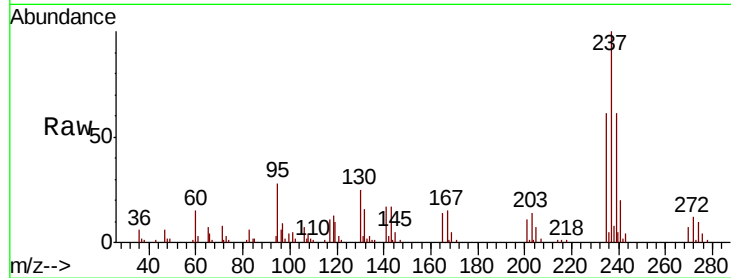
ClientSampleId :

SU-01-101519MS

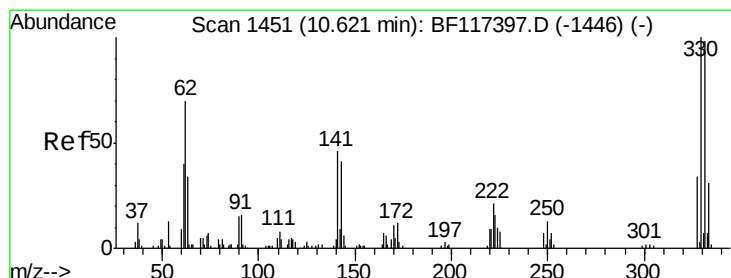
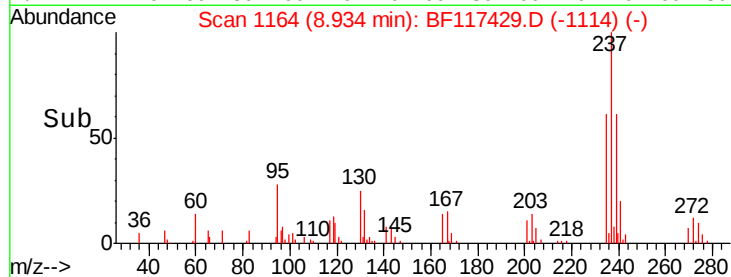
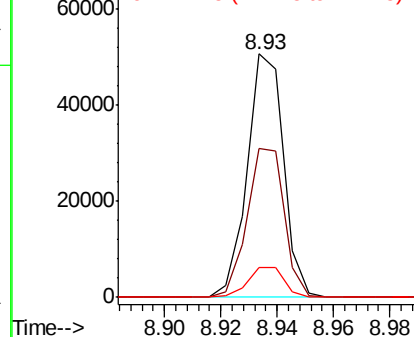
Tot Ion:	237	Resp:	45040
Ion Ratio	Lower	Upper	
237	100		
235	61.2	47.8	87.8
272	12.4	0.0	35.0

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



#42

2,4,6-Tribromophenol

Concen: 151.088 ng

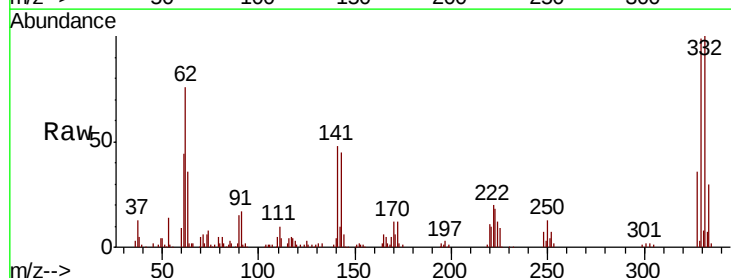
RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

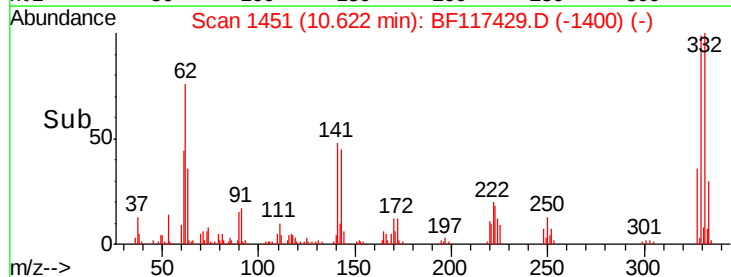
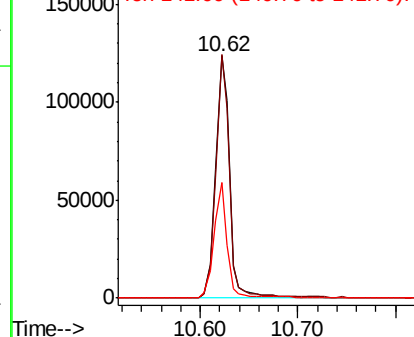
Lab File: BF117429.D

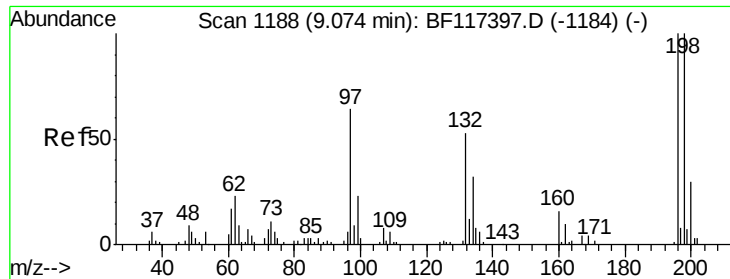
Acq: 17 Oct 2019 18:47

Tgt Ion:	330	Resp:	124341
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.0	112.6
141	43.7	34.2	51.4



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





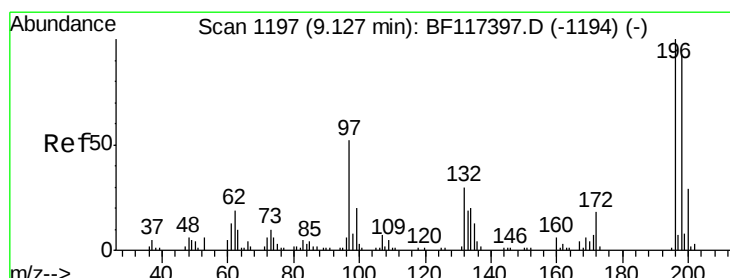
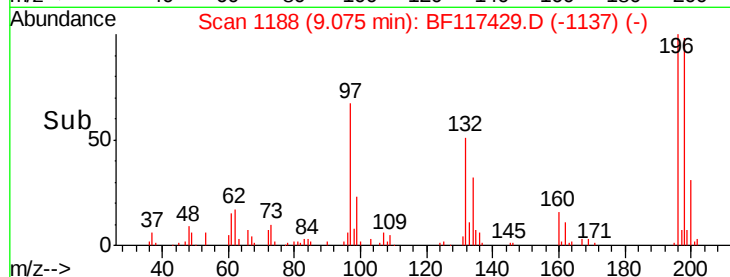
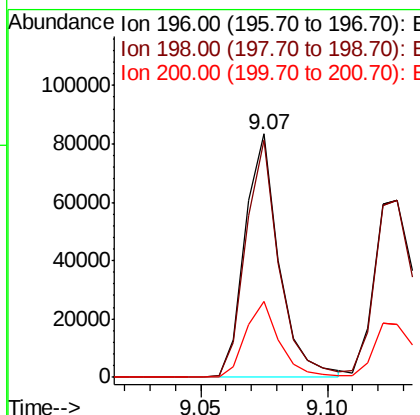
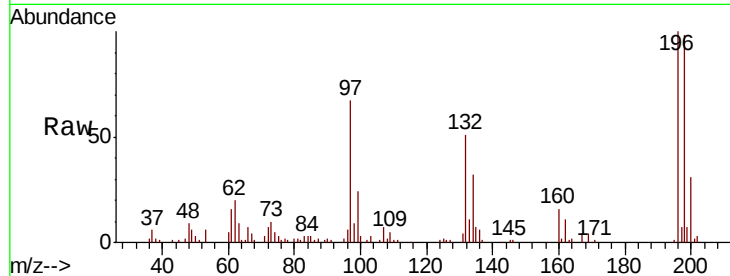
#43
 2,4,6-Trichlorophenol
 Concen: 45.521 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

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

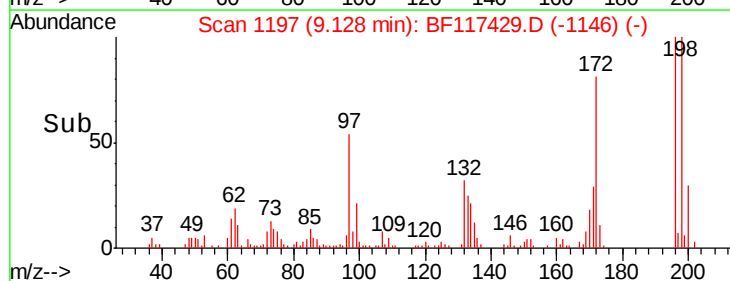
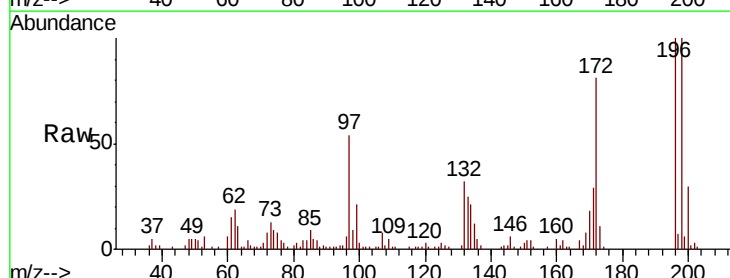
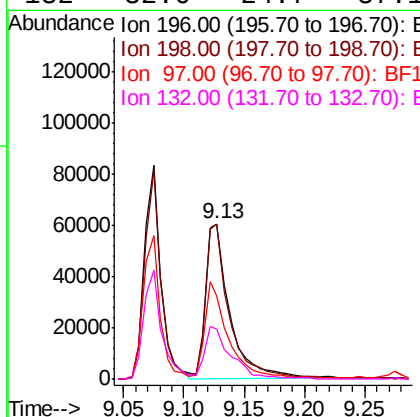
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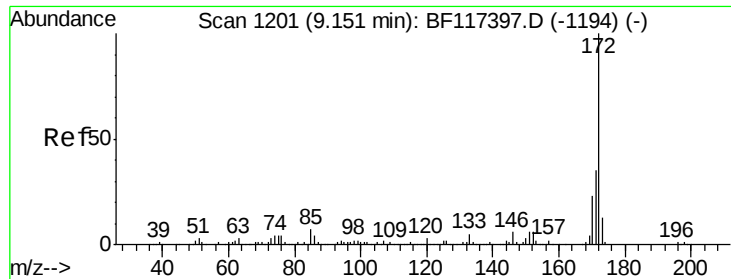
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#44
 2,4,5-Trichlorophenol
 Concen: 47.791 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

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





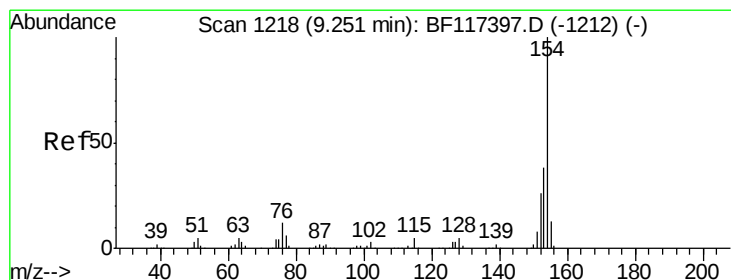
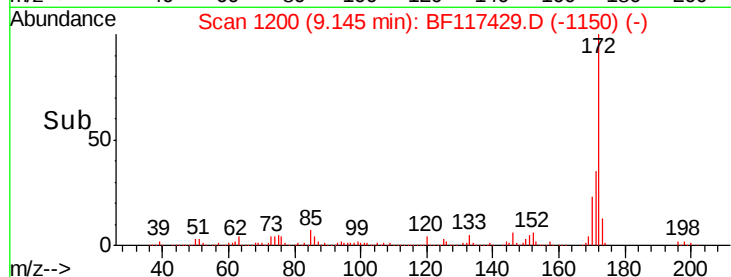
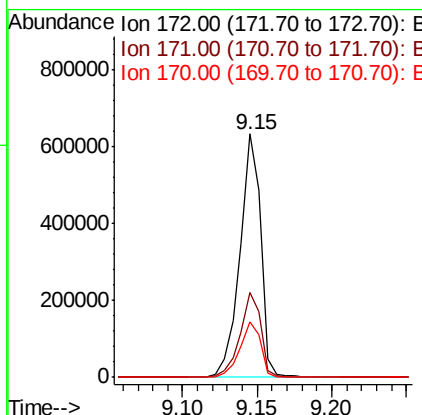
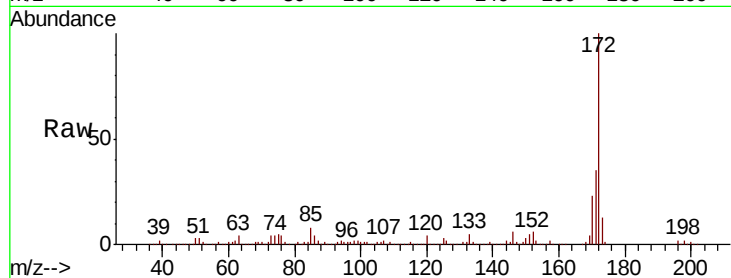
#45
2-Fluorobiphenyl
Concen: 88.903 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.9	18.2	27.2

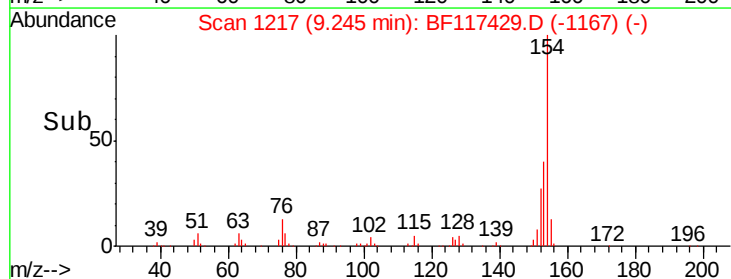
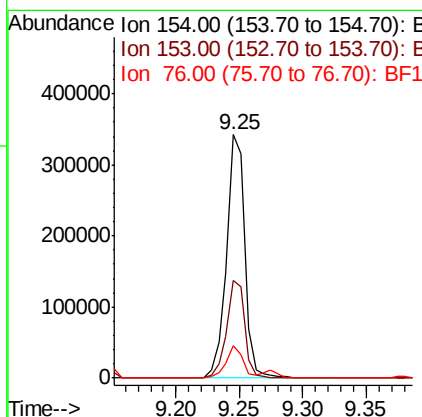
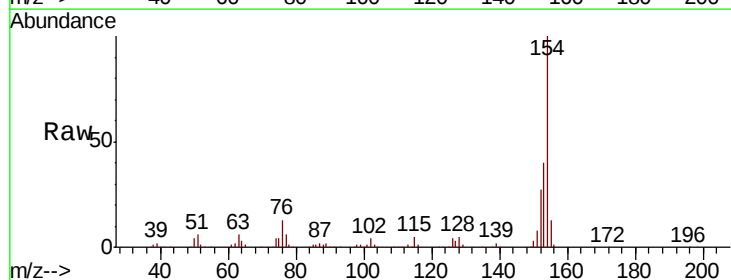
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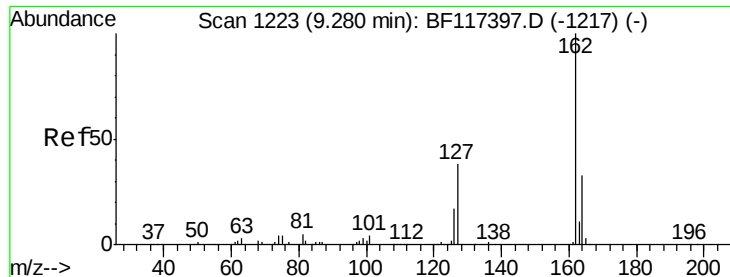
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#46
1,1'-Biphenyl
Concen: 41.318 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	18.3	58.3
76	13.3	0.0	32.3





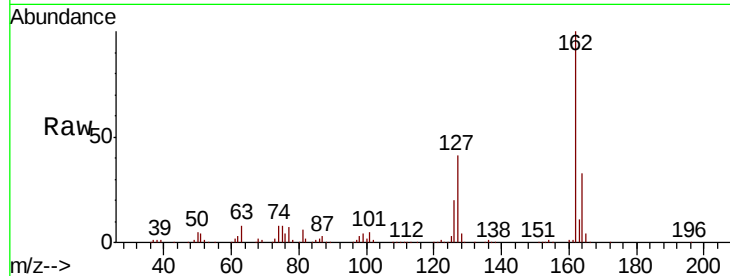
#47
2-Chloronaphthalene
Concen: 40.759 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

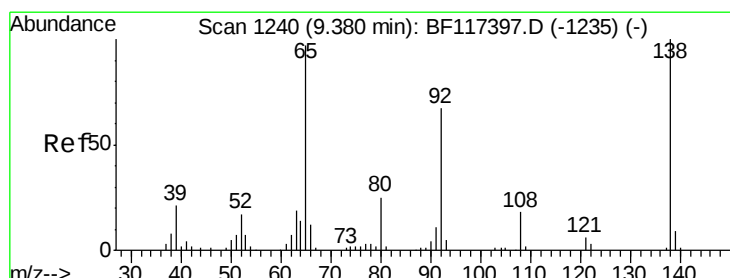
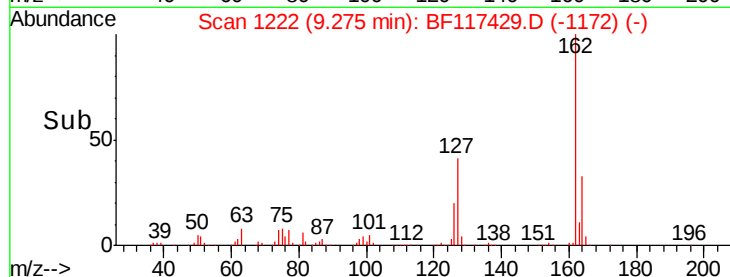
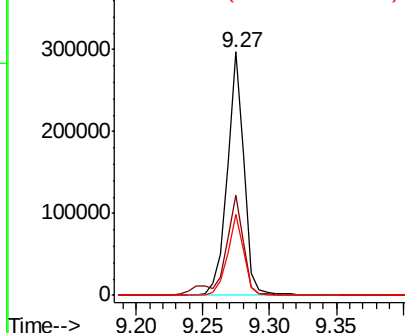
Tot Ion	Ratio	Resp	Lower	Upper
162	100	262471		
127	41.2	32.6	48.8	
164	33.4	26.2	39.4	

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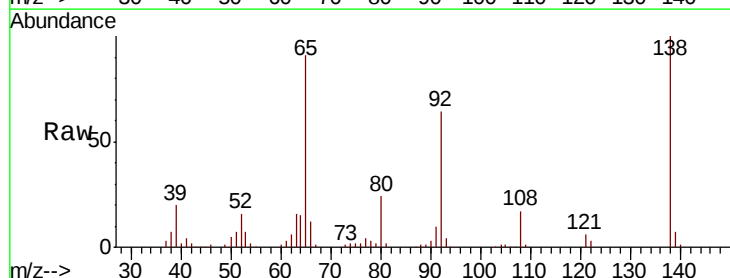


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

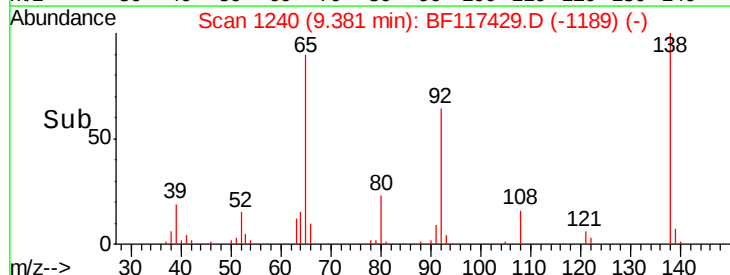
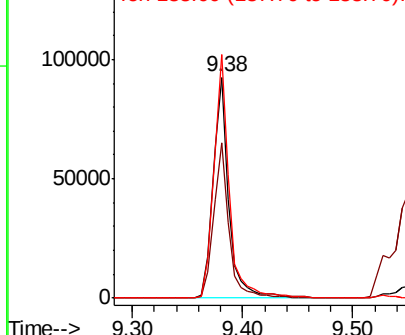


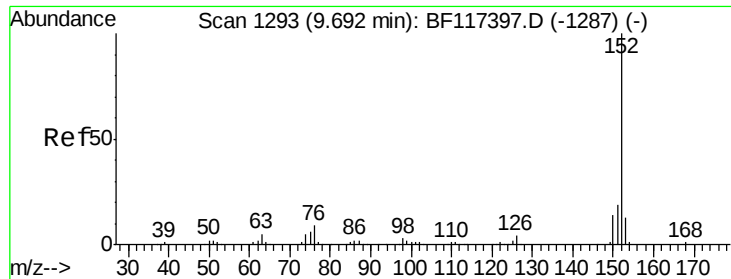
#48
2-Nitroaniline
Concen: 43.633 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	89651		
92	70.4	55.4	83.0	
138	110.4	82.6	124.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.139 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

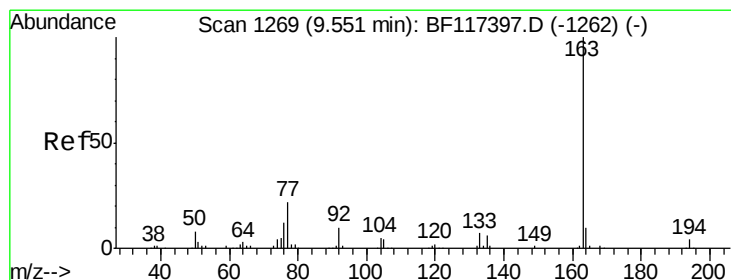
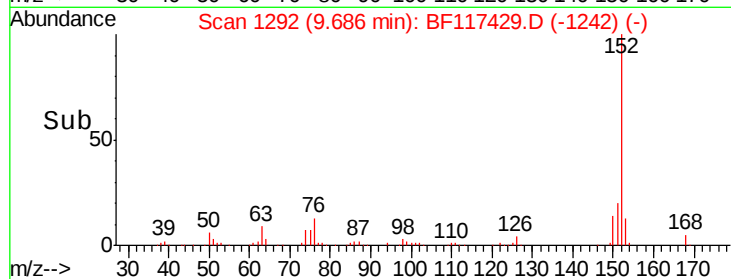
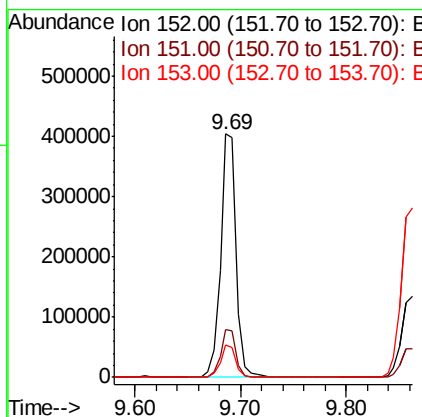
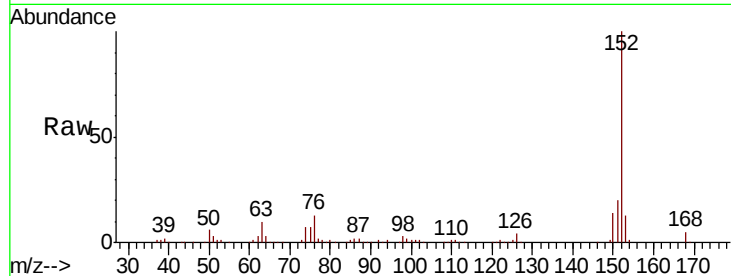
ClientSampleId :

SU-01-101519MS

Tot Ion:	152	Resp:	416691
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.5	23.3
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 56.658 ng

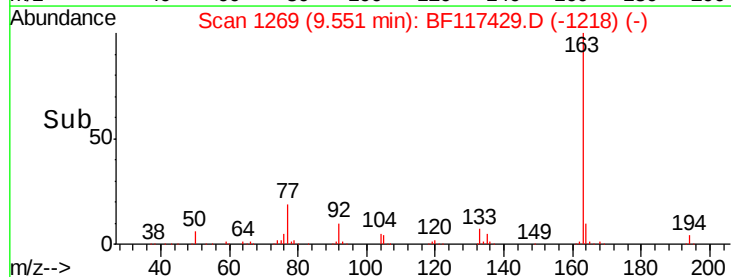
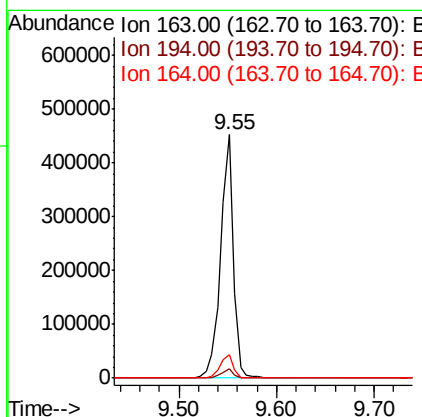
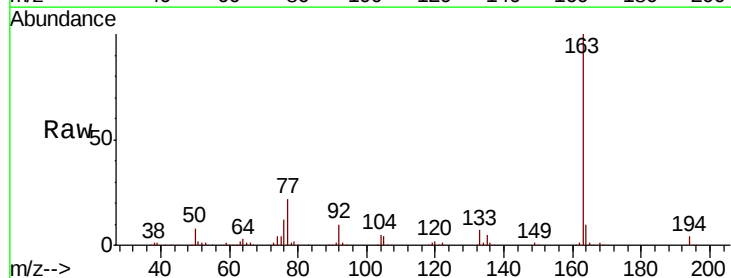
RT: 9.55 min Scan# 1269

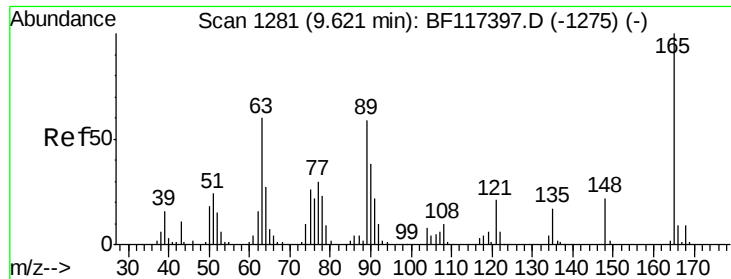
Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion:	163	Resp:	411460
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	9.8	8.0	12.0





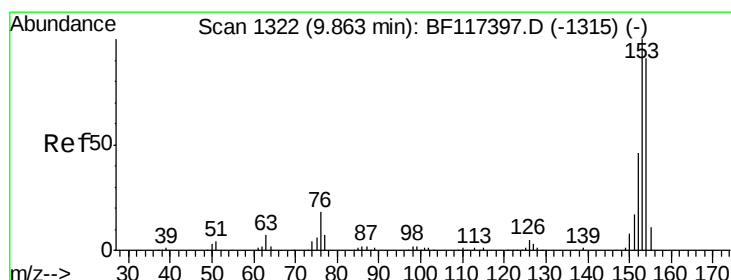
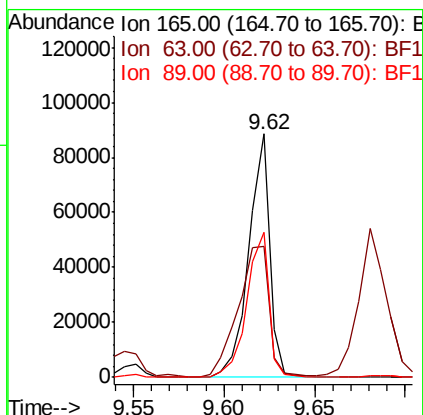
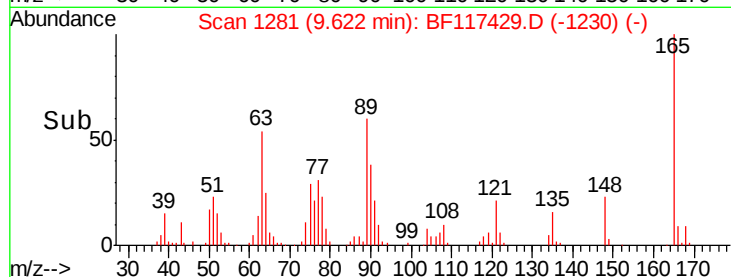
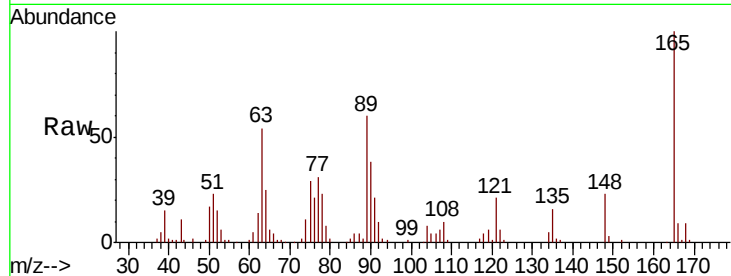
#51
2,6-Dinitrotoluene
Concen: 46.906 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

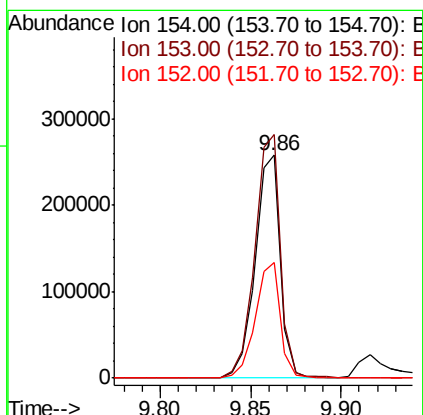
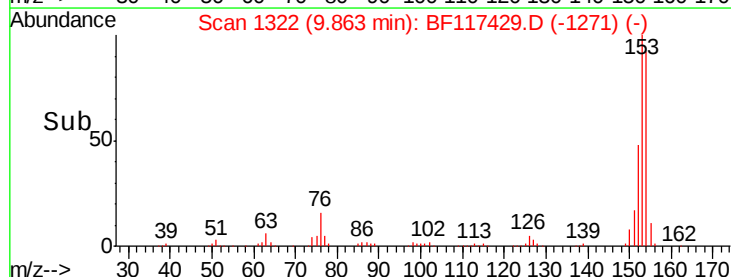
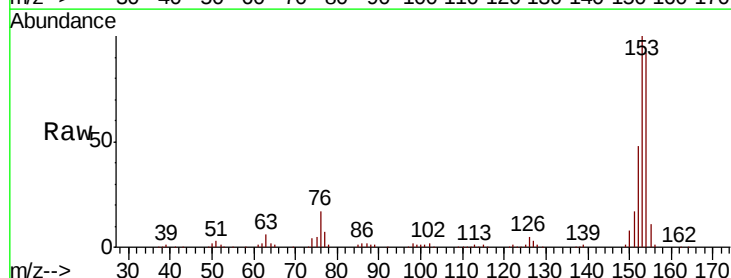
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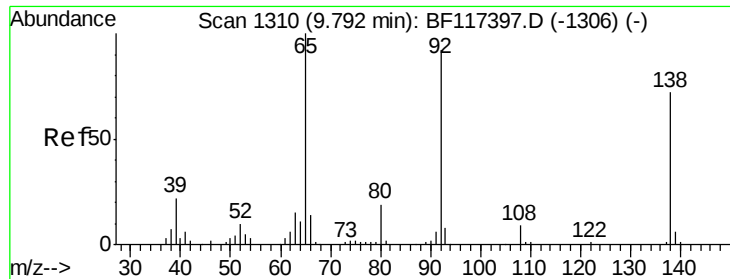
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#52
Acenaphthene
Concen: 43.512 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





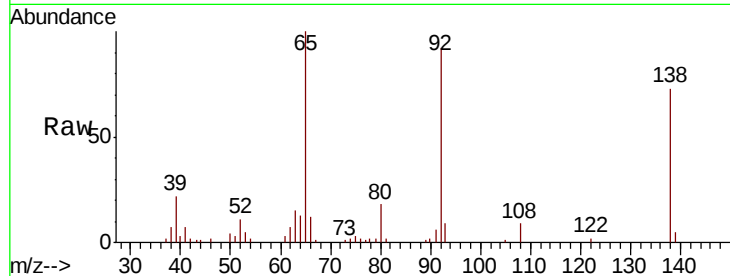
#53
3-Nitroaniline
Concen: 16.120 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

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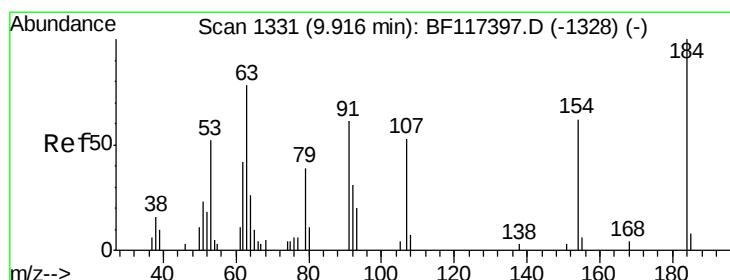
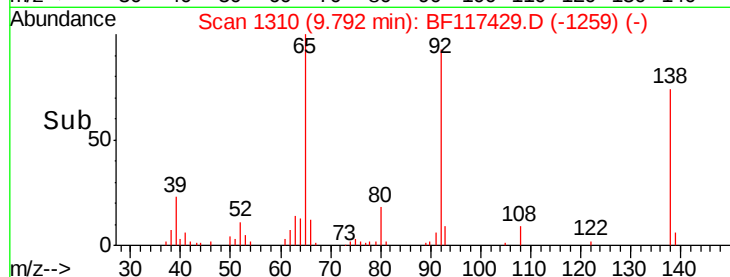
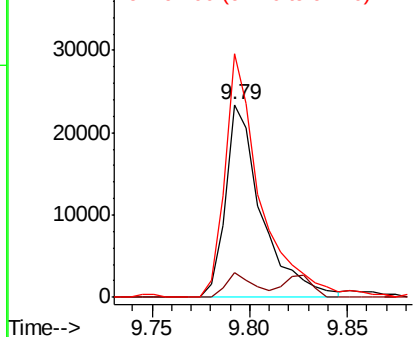


Abundance

Ion 138.00 (137.70 to 138.70): E

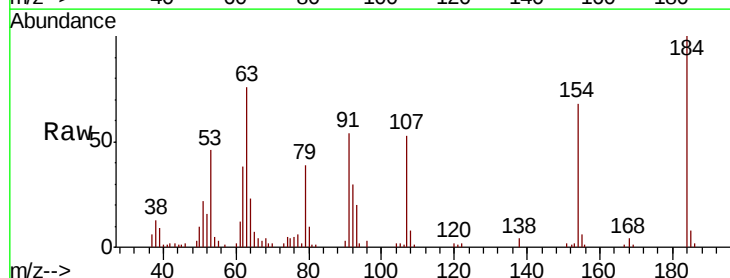
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



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

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

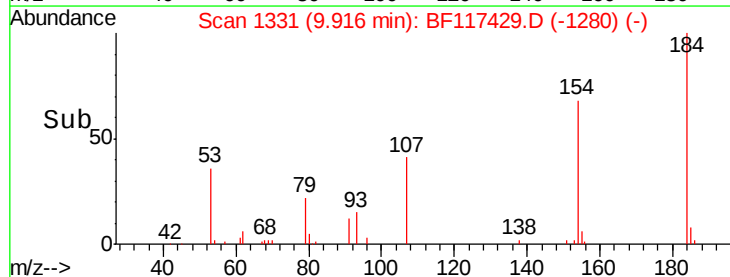
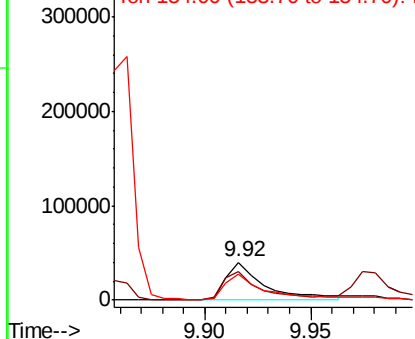


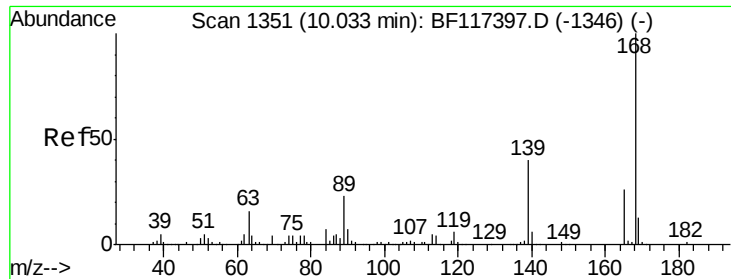
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





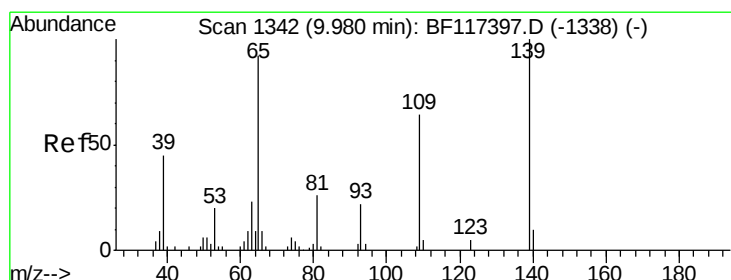
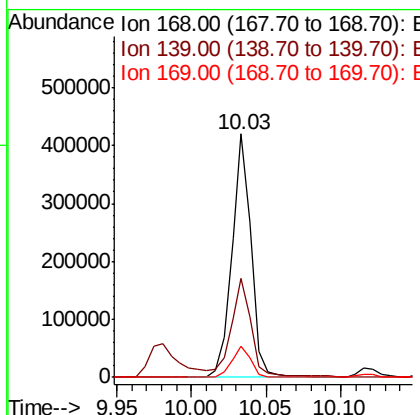
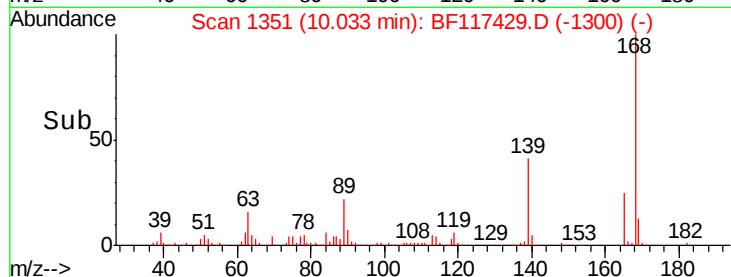
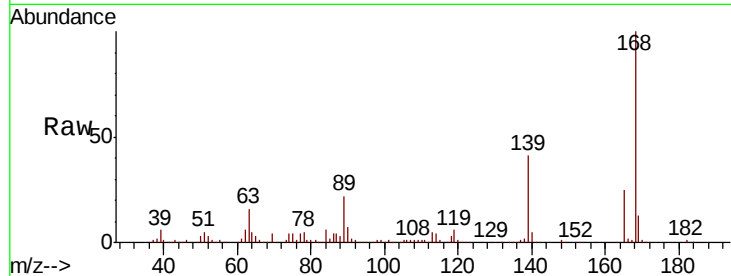
#55
Dibenzofuran
Concen: 45.470 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

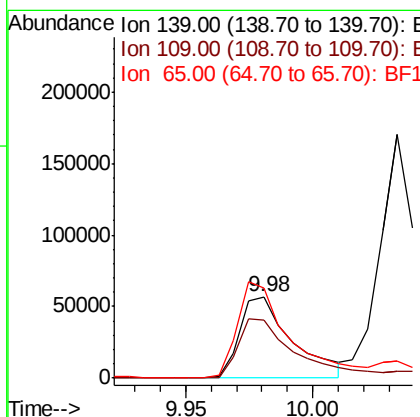
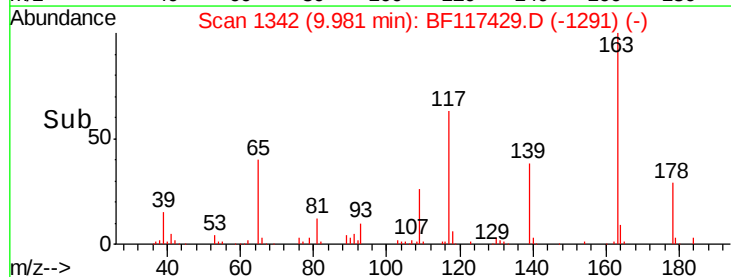
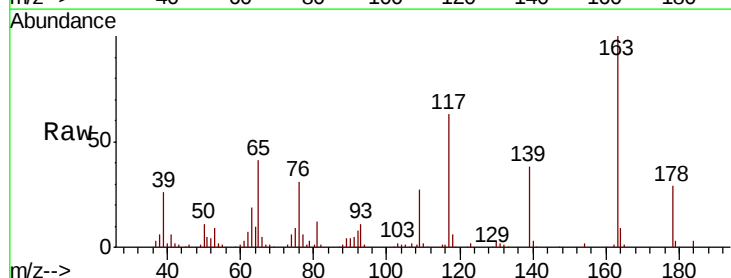
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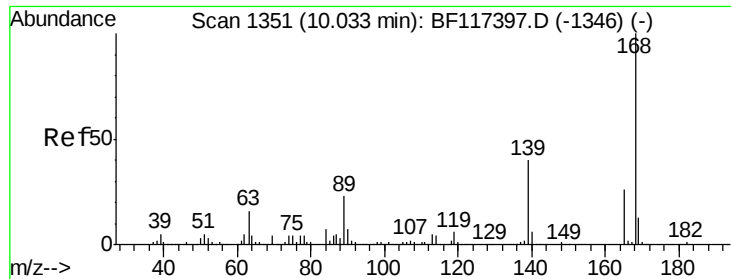
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#56
4-Nitrophenol
Concen: 96.562 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





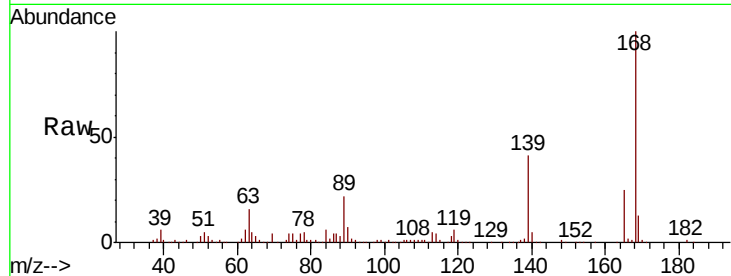
#57
2,4-Dinitrotoluene
Concen: 48.988 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

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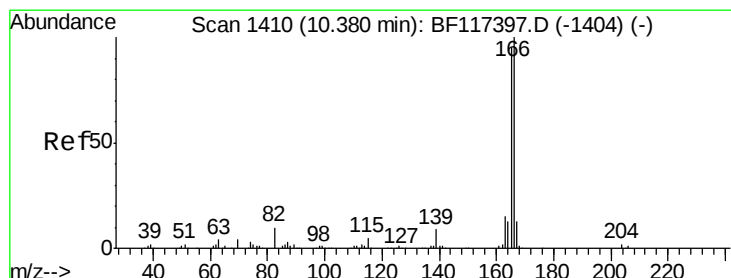
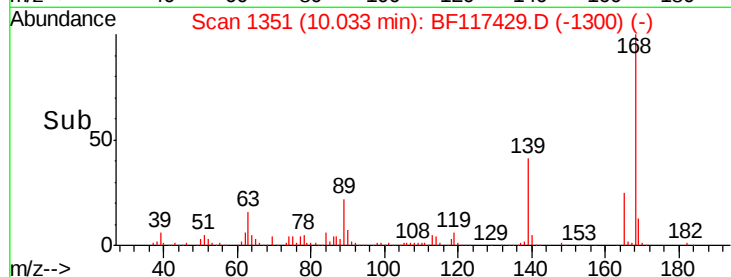
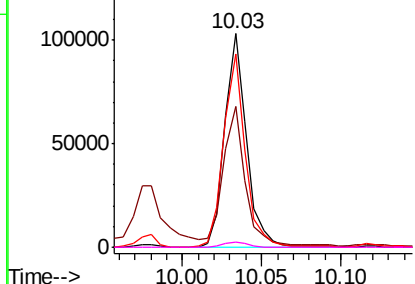
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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

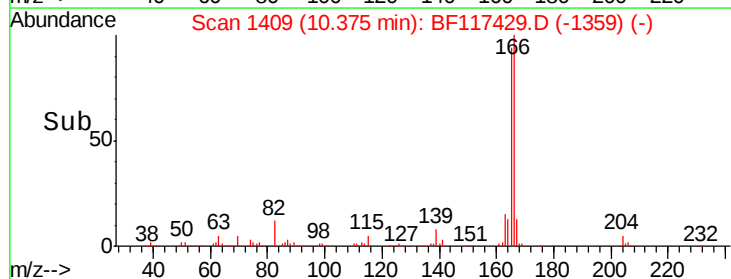
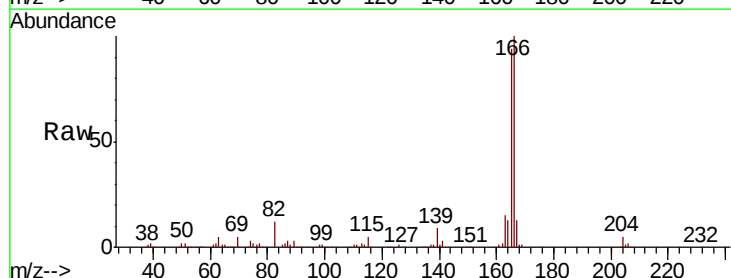
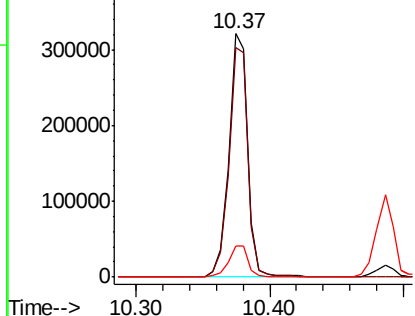
Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.2	75.7	113.5
167	12.7	10.4	15.6

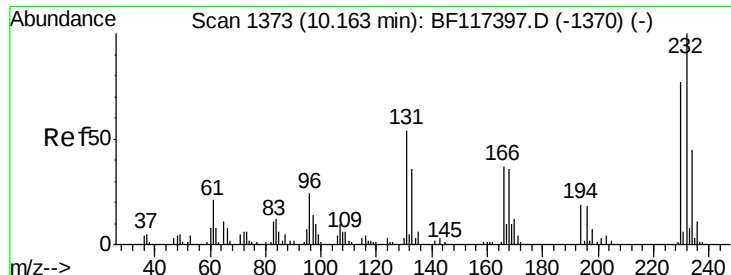
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





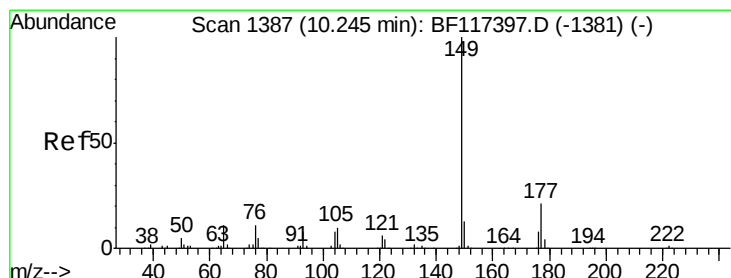
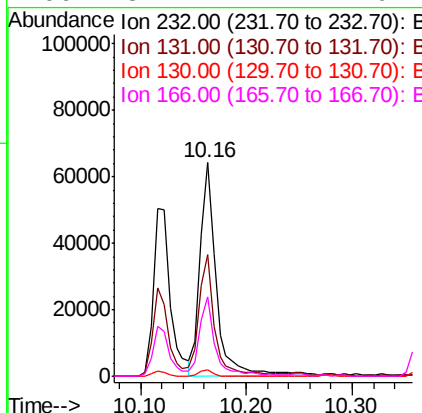
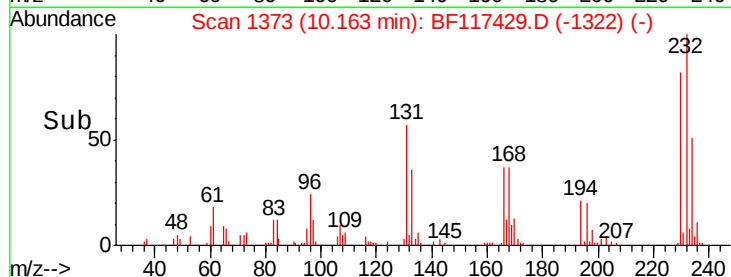
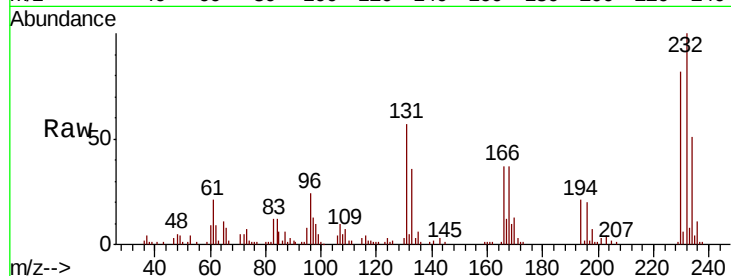
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.407 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

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

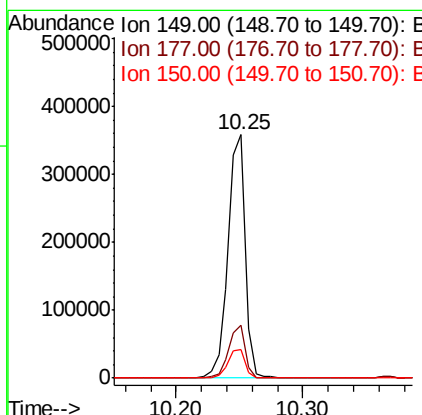
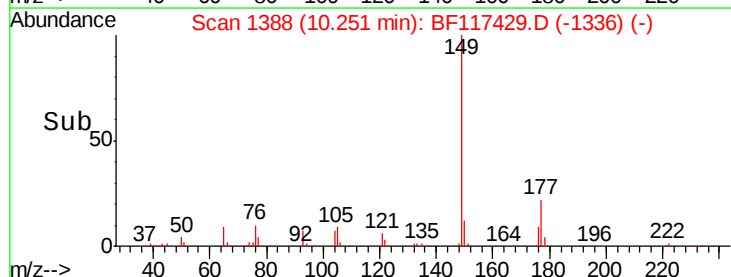
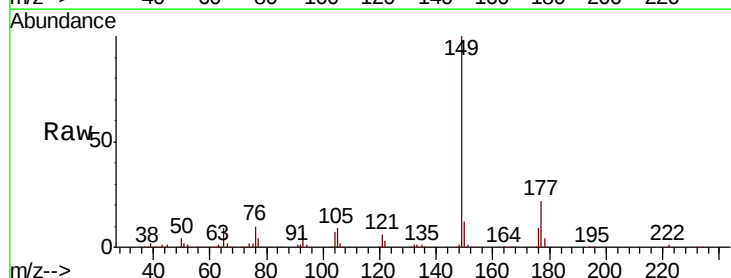
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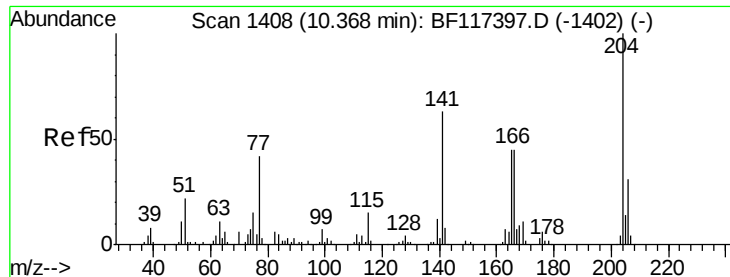
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#60
 Diethylphthalate
 Concen: 46.049 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

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





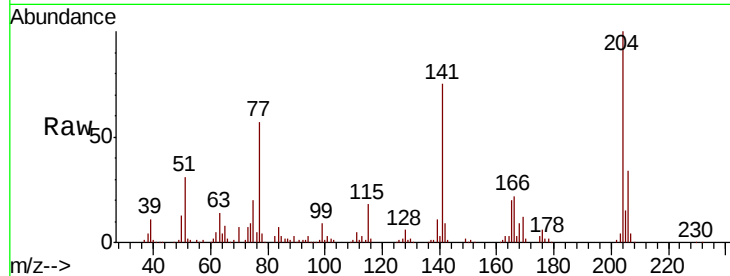
#61
4-Chlorophenyl-phenylether
Concen: 43.963 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

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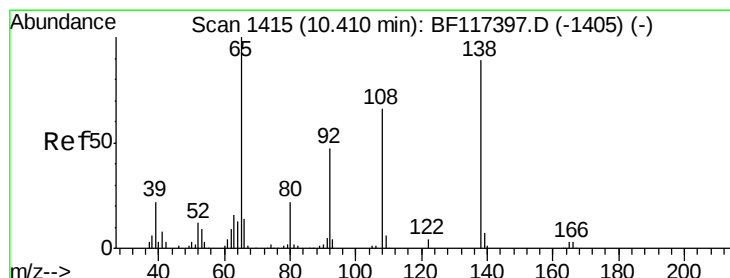
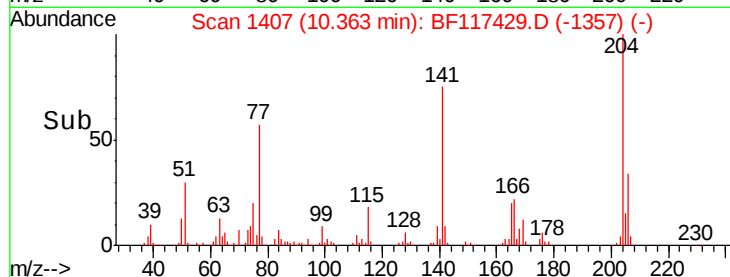
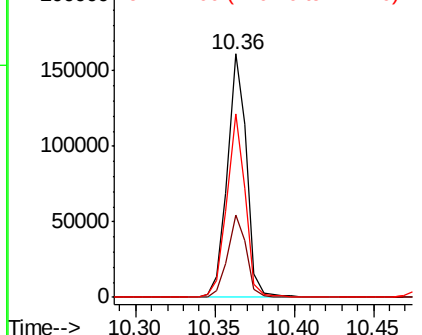


Abundance

Ion 204.00 (203.70 to 204.70): E

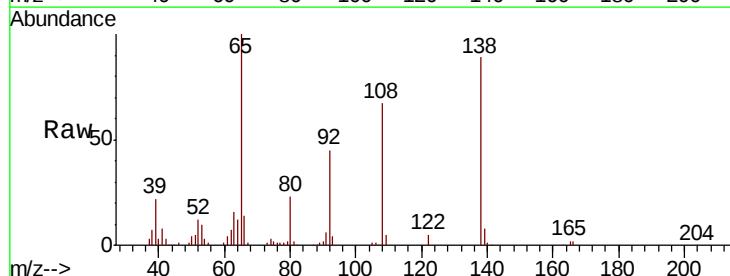
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



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

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

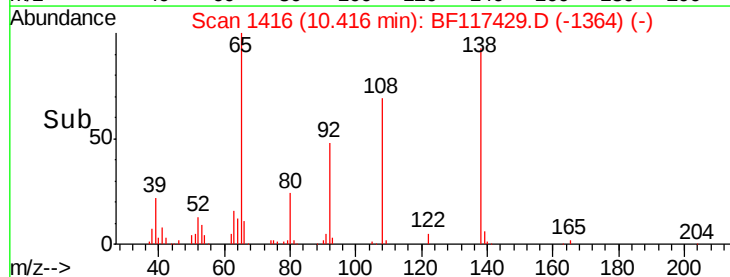
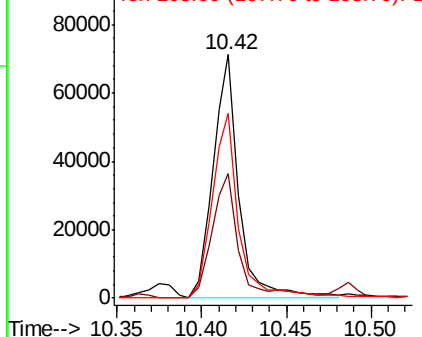


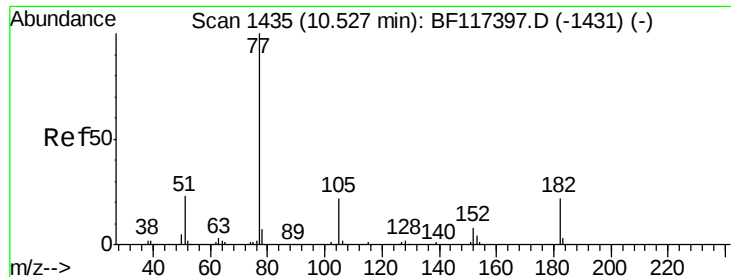
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





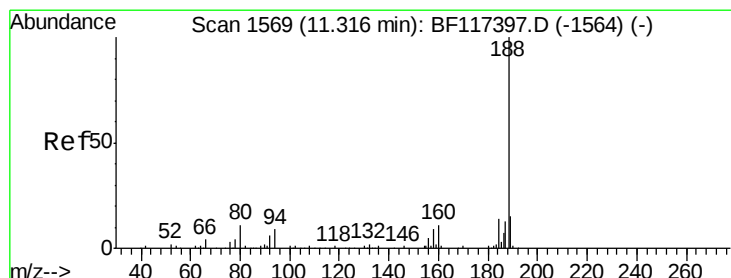
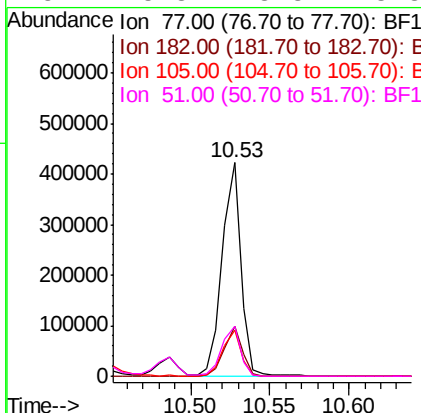
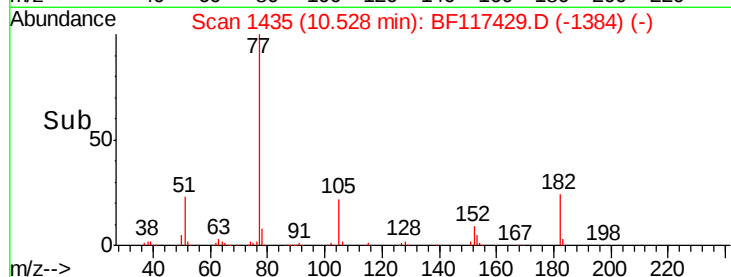
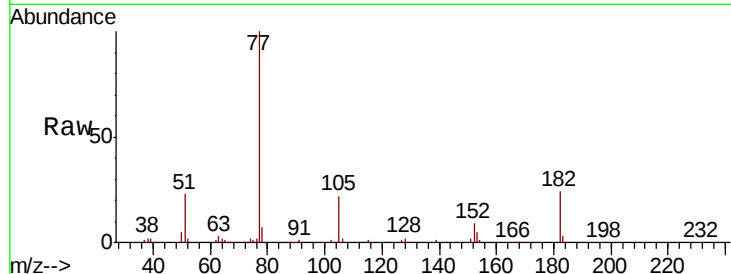
#63
Azobenzene
Concen: 46.289 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.6	1.5	41.5	
105	21.8	1.8	41.8	
51	23.3	3.3	43.3	

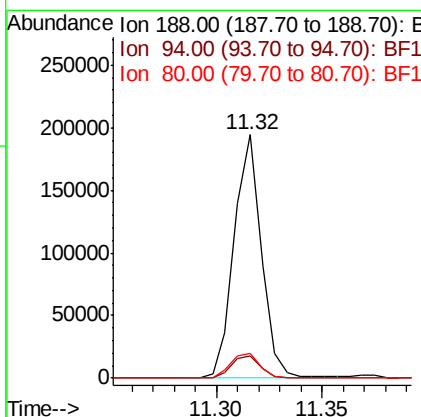
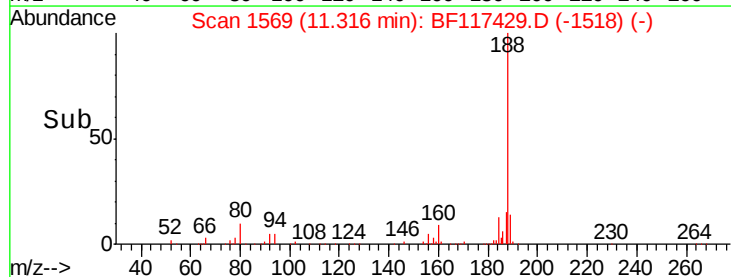
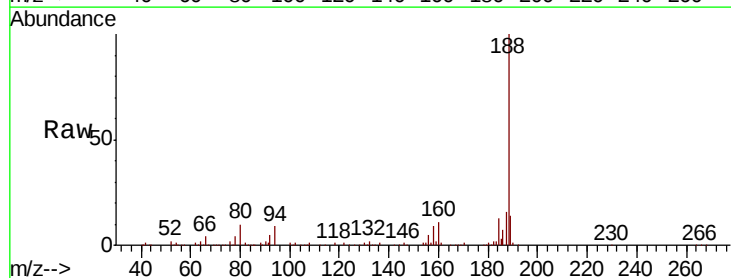
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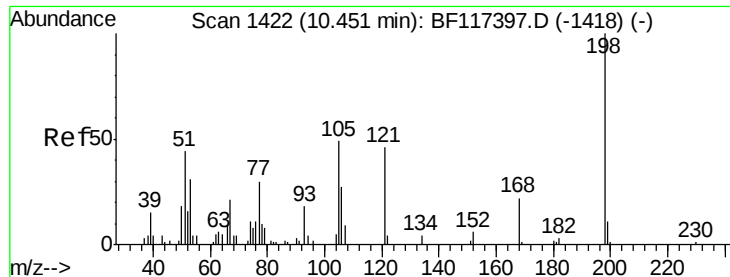
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.5	11.3	
80	10.2	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.057 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

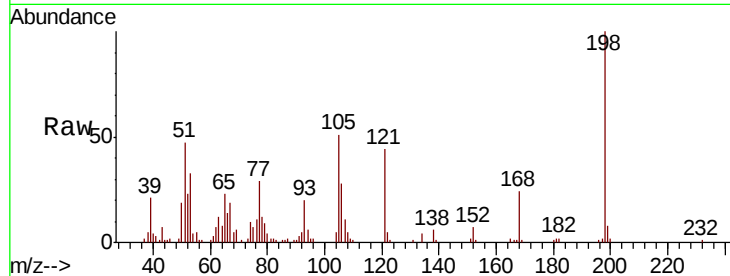
ClientSampleId :

SU-01-101519MS

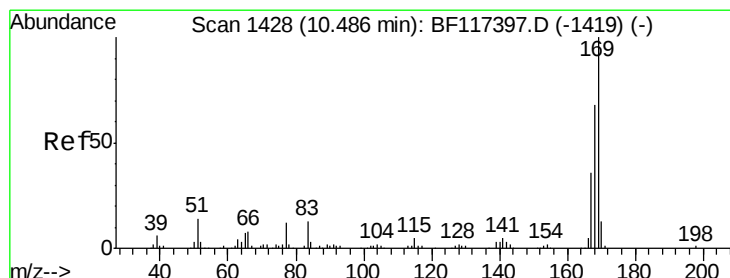
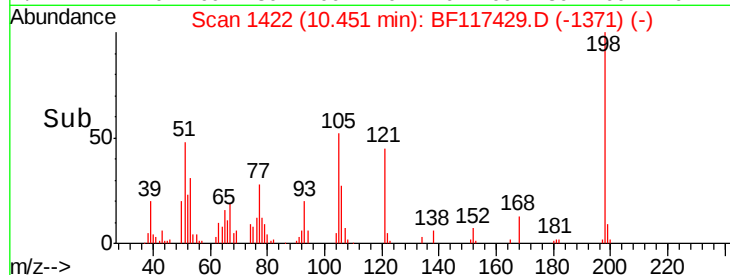
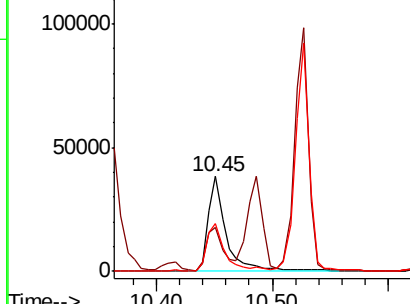
Tot Ion:	198	Resp:	41442
Ion Ratio	Lower	Upper	
198	100		
51	46.7	25.9	65.9
105	50.5	29.4	69.4

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



#66

n-Nitrosodiphenylamine

Concen: 42.654 ng

RT: 10.49 min Scan# 1428

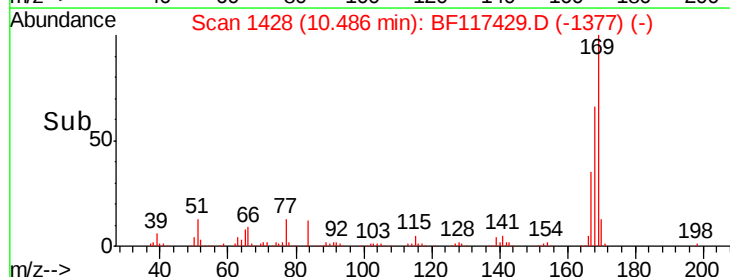
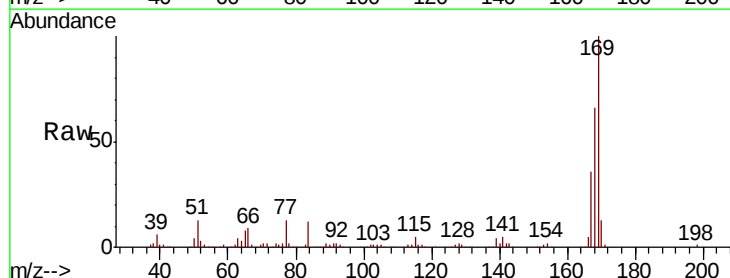
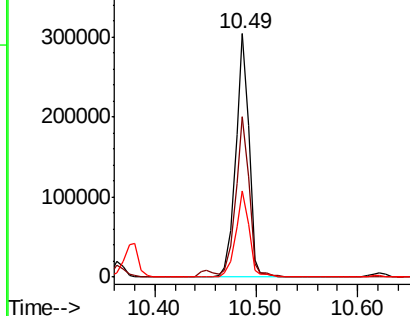
Delta R.T. 0.00 min

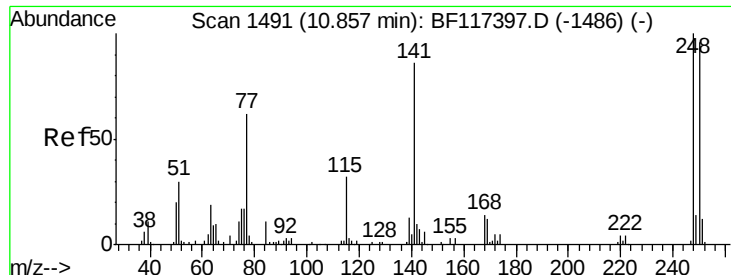
Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Tgt Ion:	169	Resp:	276670
Ion Ratio	Lower	Upper	
169	100		
168	66.0	54.1	81.1
167	35.5	28.8	43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





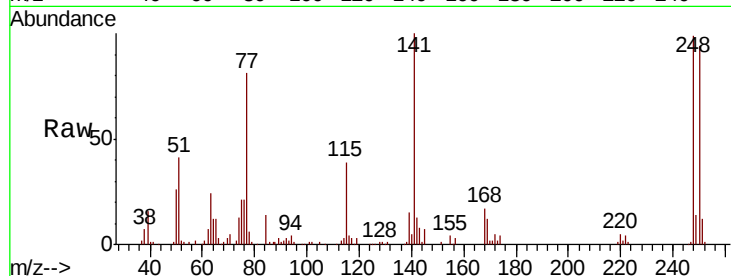
#67
4-Bromophenyl-phenylether
Concen: 41.978 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

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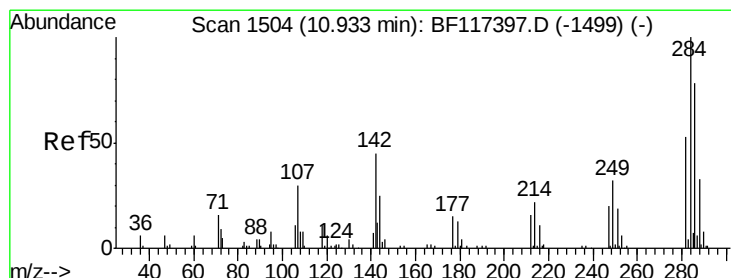
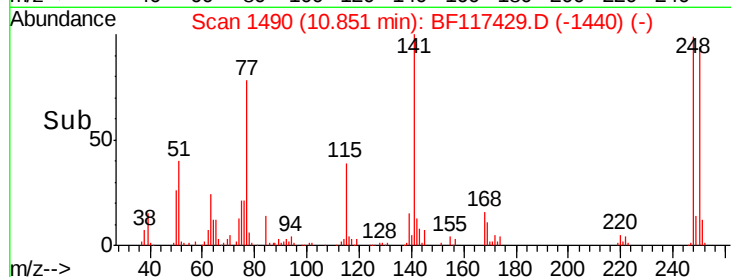
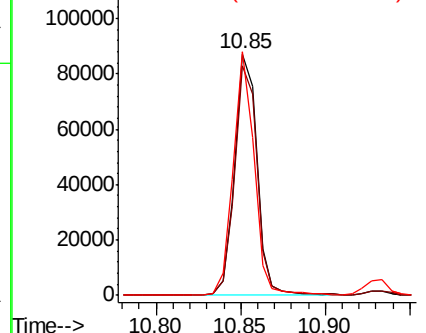


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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

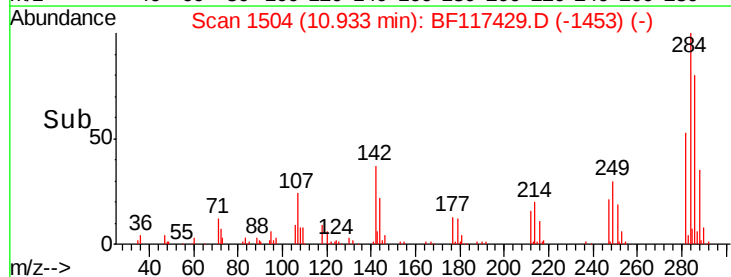
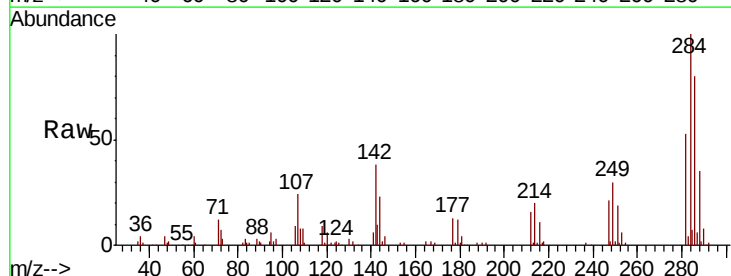
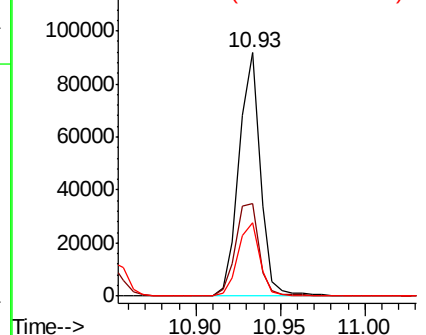
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	35.7	53.5
249	30.1	25.8	38.6

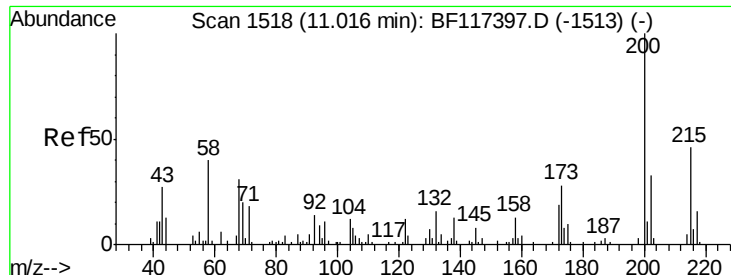
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





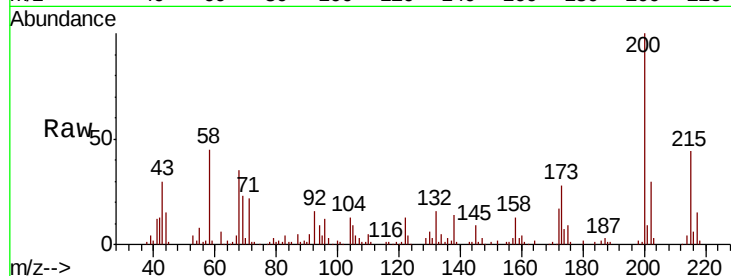
#69
Atrazine
Concen: 71.945 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	75671		
173	28.3		8.0	48.0
215	44.4		25.8	65.8

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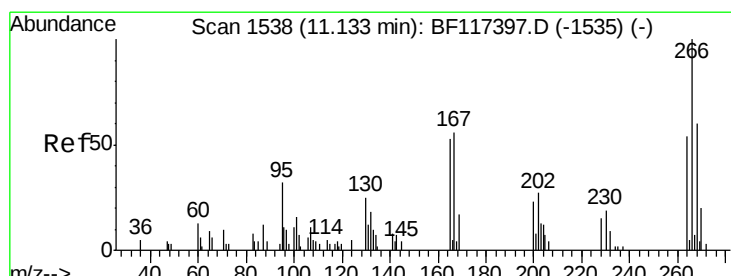
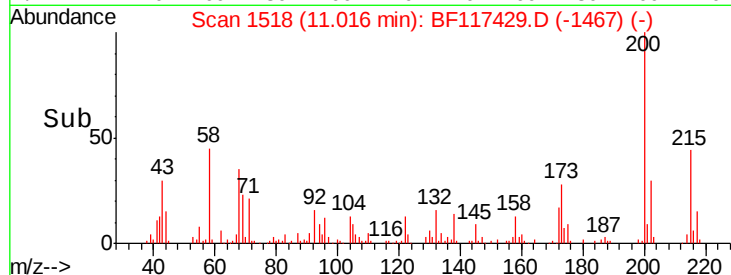
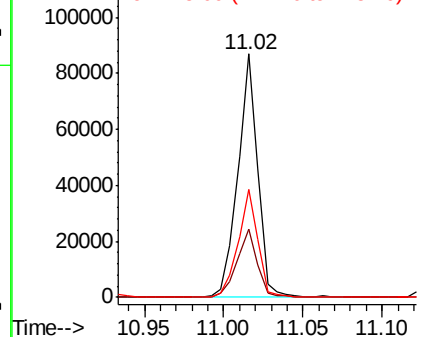


Abundance

Ion 200.00 (199.70 to 200.70): E

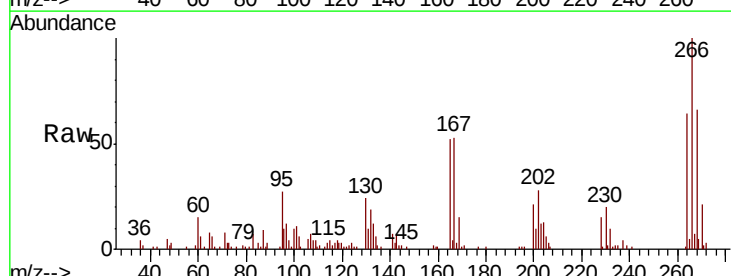
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 119.219 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	72947		
268	66.2		47.8	71.6
264	64.5		42.9	64.3

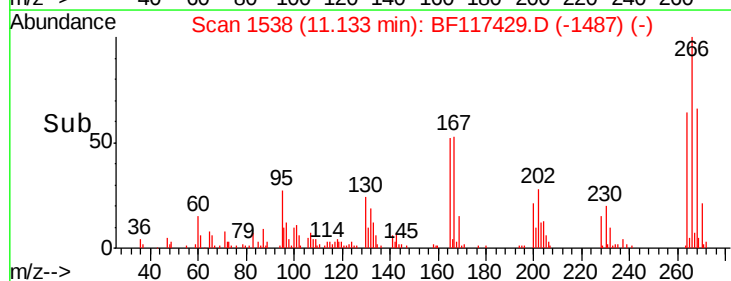
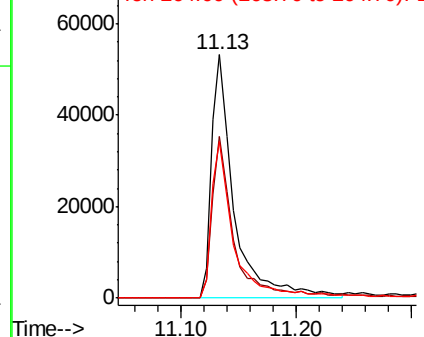


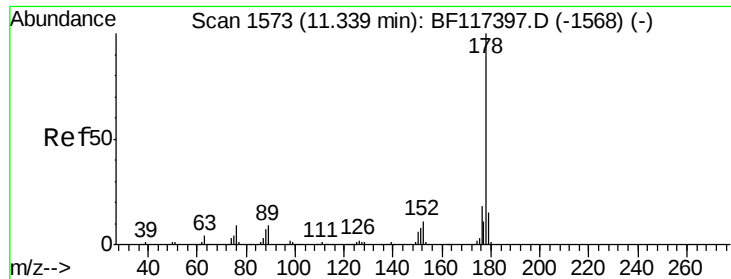
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





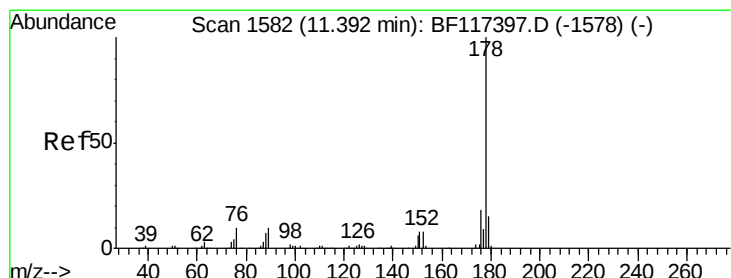
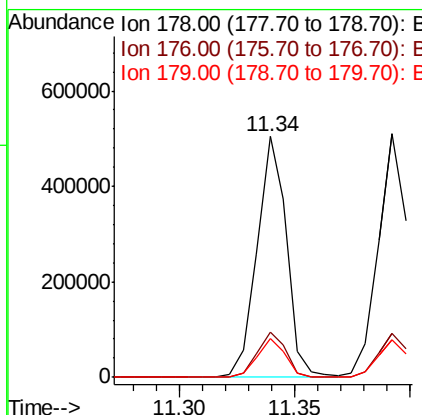
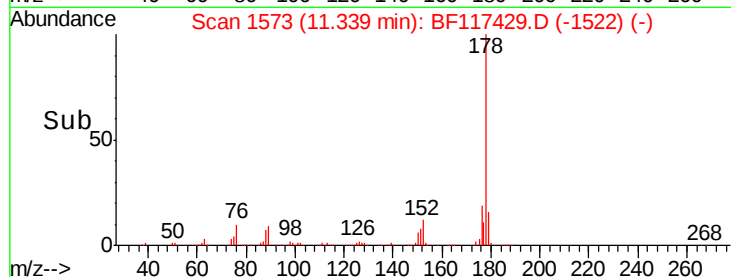
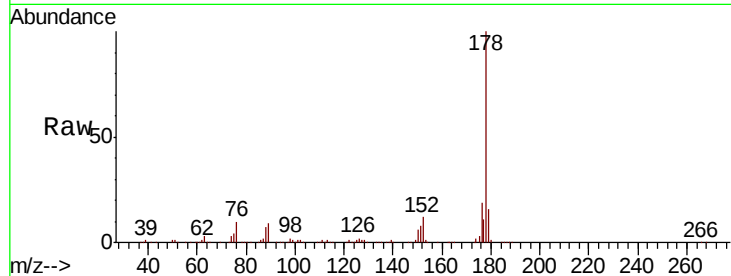
#71
Phenanthrene
Concen: 43.900 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

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

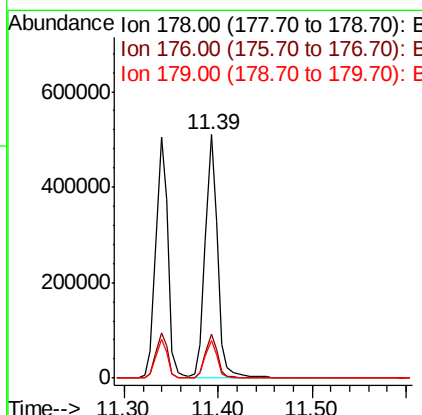
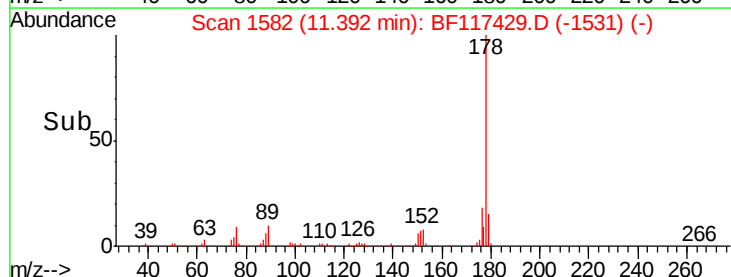
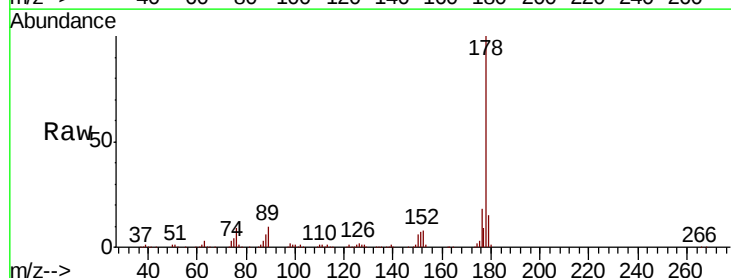
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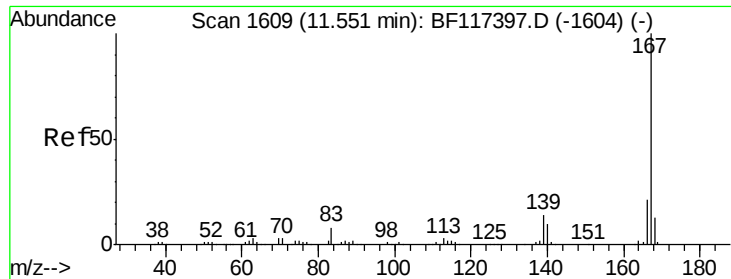
mohammad
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#72
Anthracene
Concen: 44.864 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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





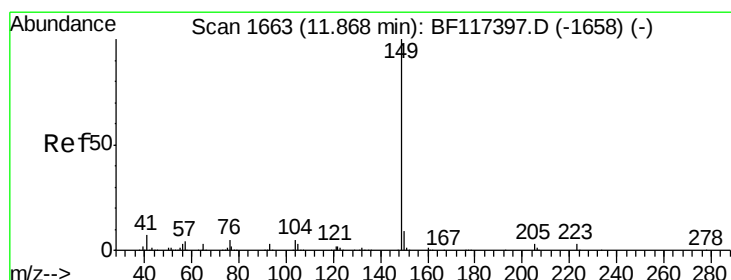
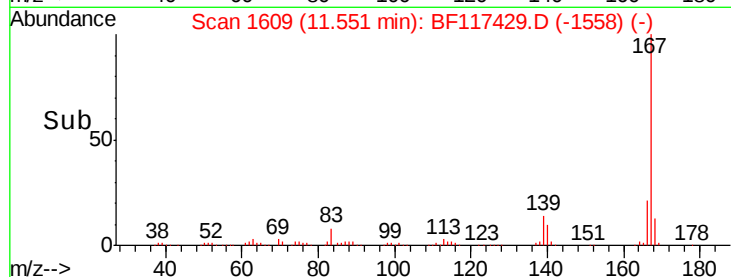
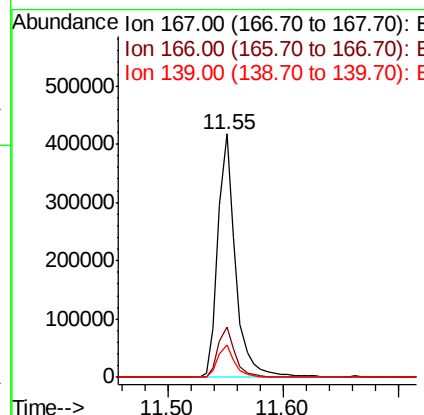
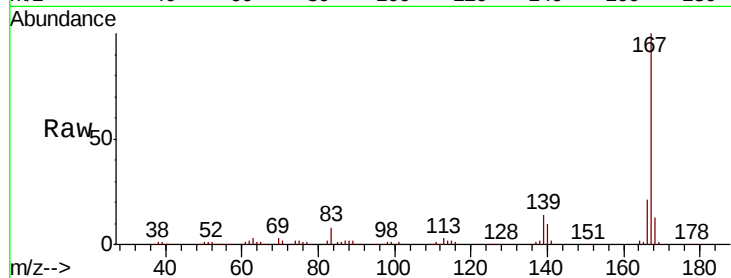
#73
 Carbazole
 Concen: 46.134 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

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

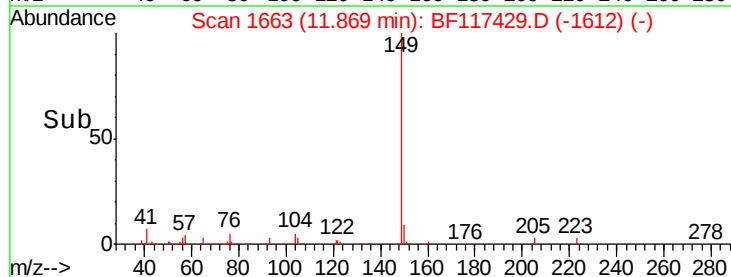
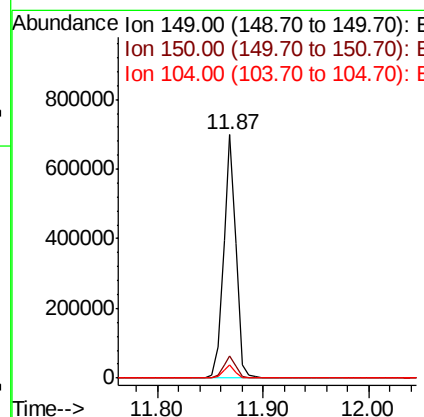
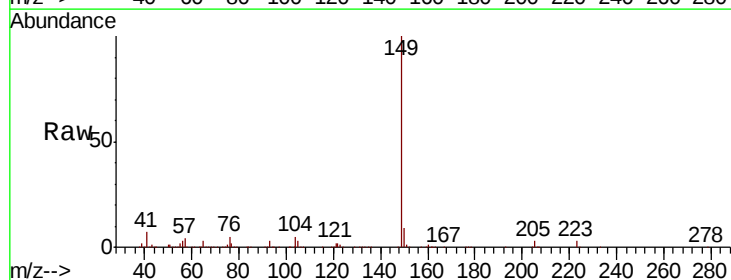
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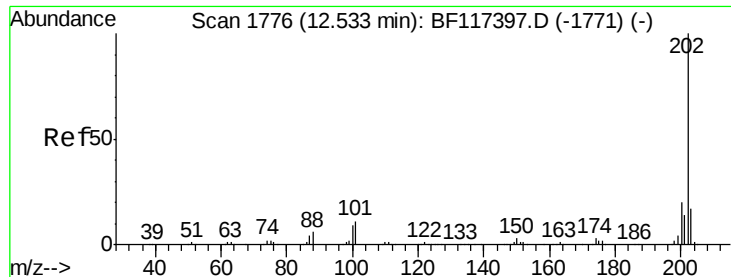
mohammad
 10/20/2019 8:11:48 PM



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

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





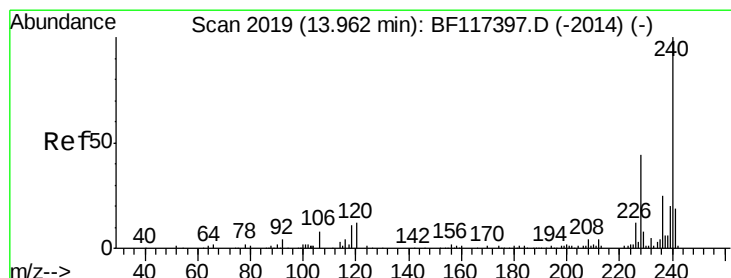
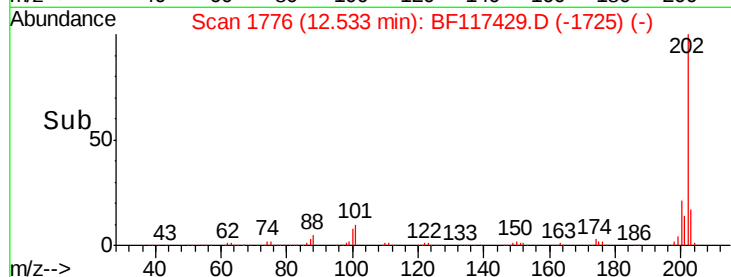
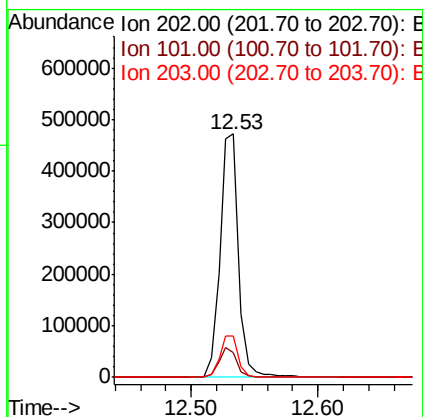
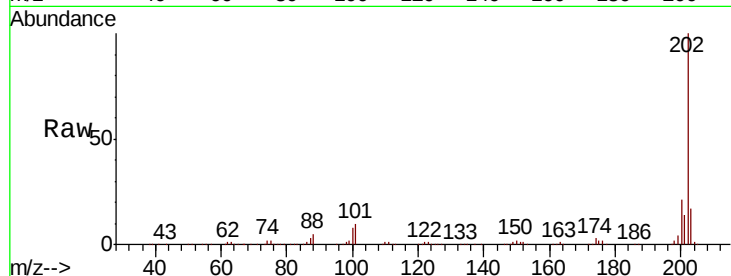
#75
 Fluoranthene
 Concen: 47.141 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

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

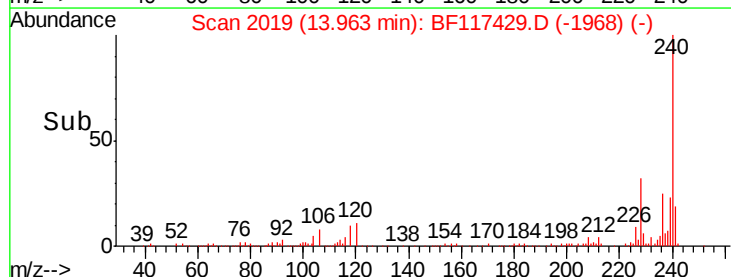
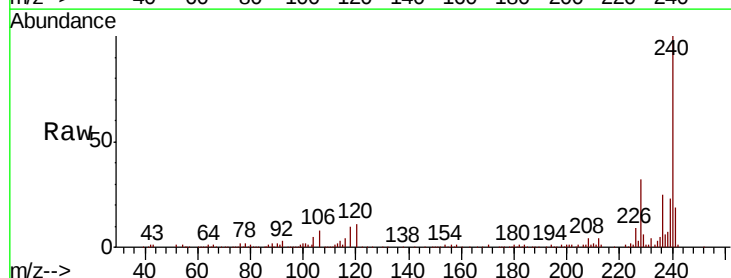
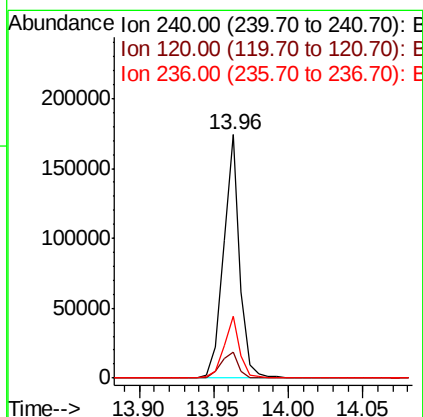
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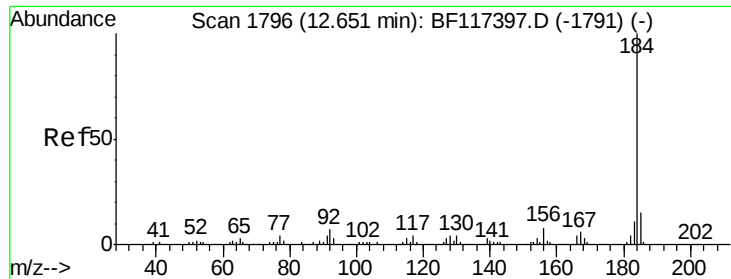
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

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





#77

Benzidine

Concen: 33.108 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

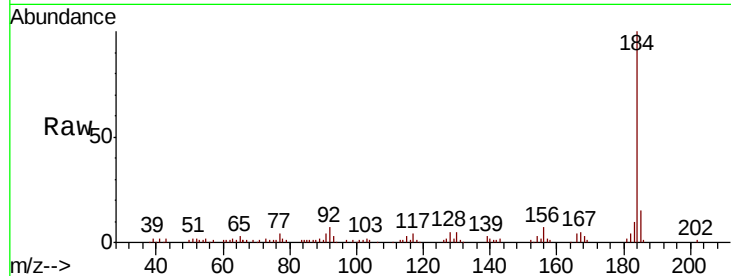
ClientSampleId :

SU-01-101519MS

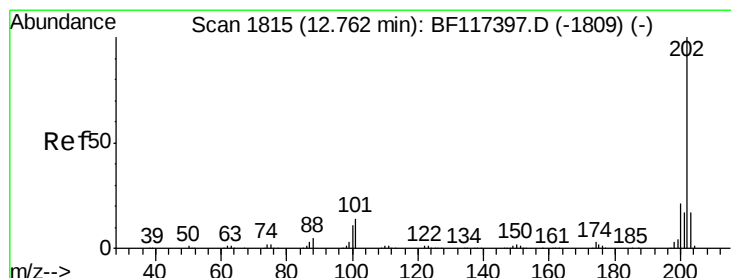
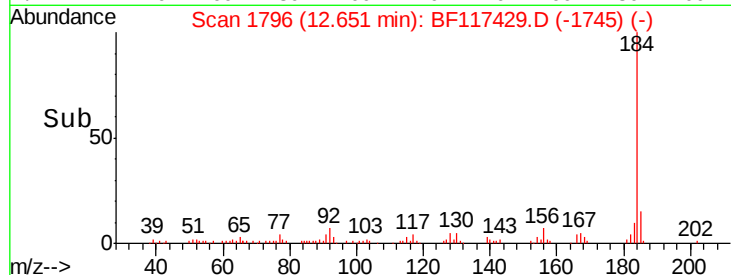
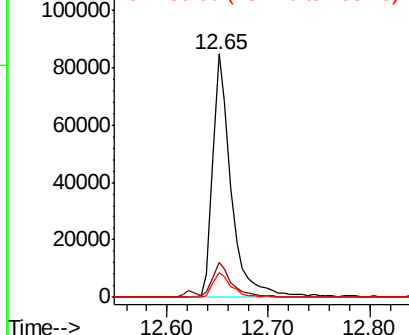
Tot Ion:	184	Resp:	108601
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	10.3	8.9	13.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.179 ng

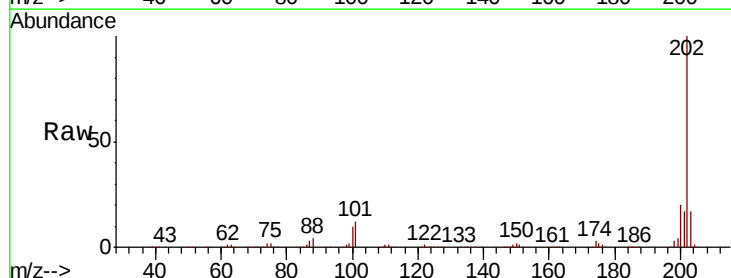
RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

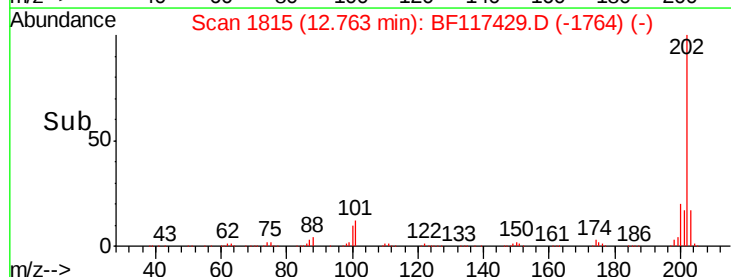
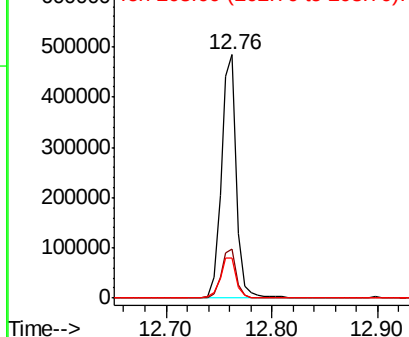
Lab File: BF117429.D

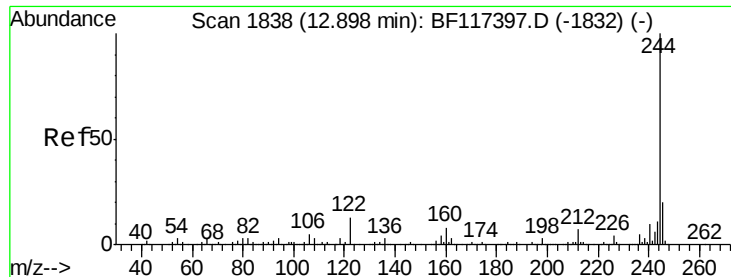
Acq: 17 Oct 2019 18:47

Tgt Ion:	202	Resp:	482769
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.8	25.2
203	16.7	14.0	21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





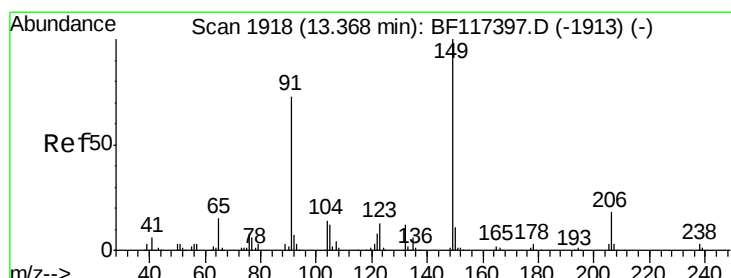
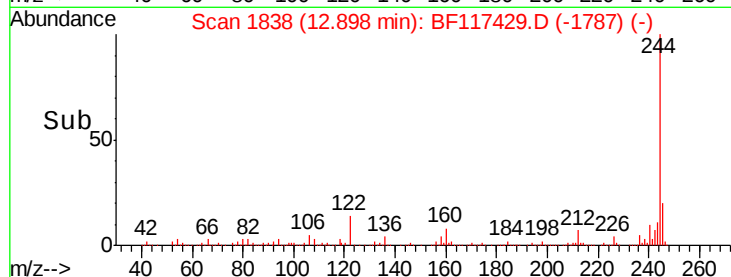
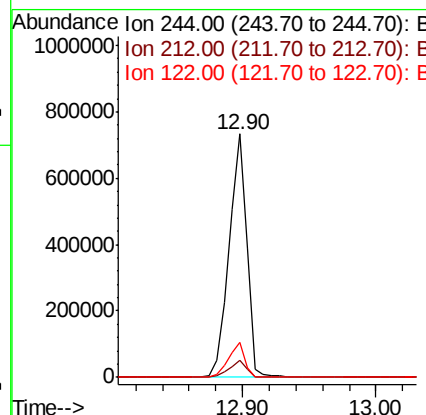
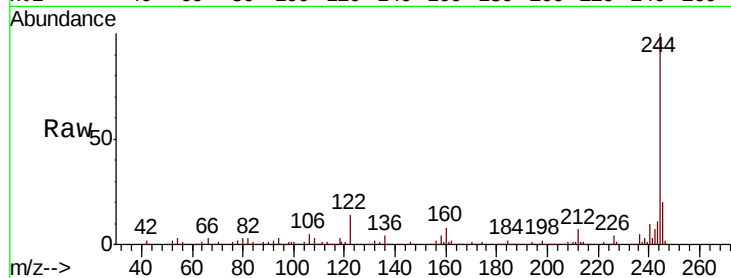
#79
 Terphenyl-d14
 Concen: 85.056 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.5	10.7	16.1

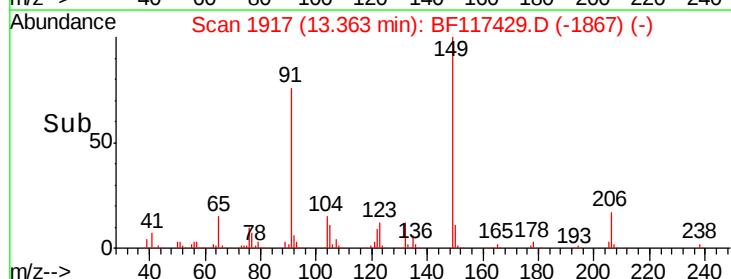
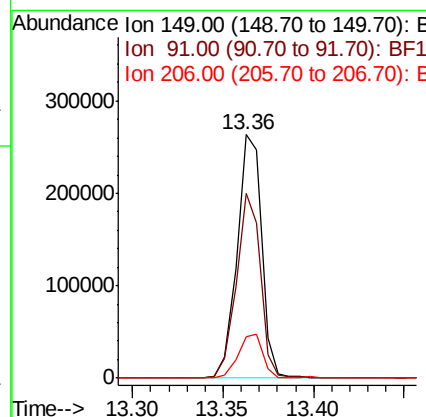
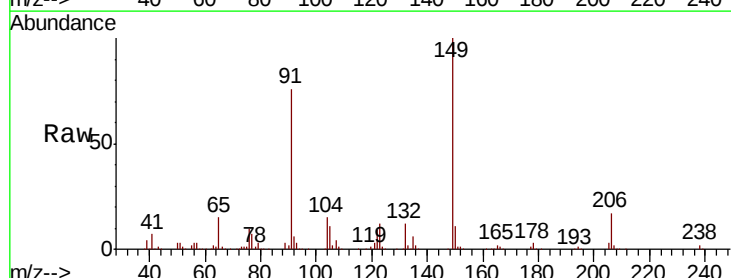
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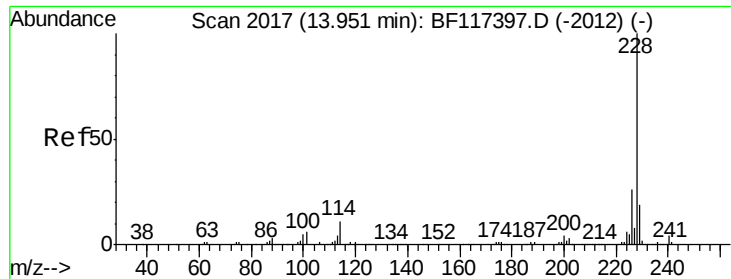
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#80
 Butylbenzylphthalate
 Concen: 42.333 ng
 RT: 13.36 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.9	58.5	87.7
206	16.9	14.4	21.6





#81

Benzo(a)anthracene

Concen: 43.367 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

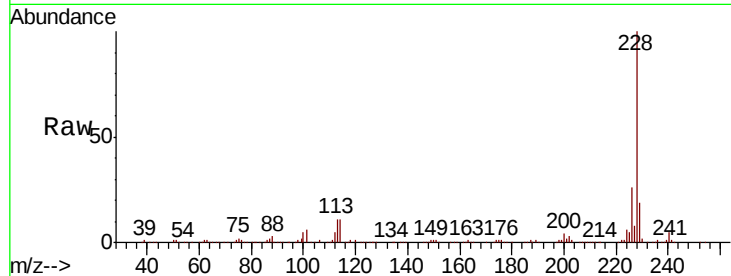
ClientSampleId :

SU-01-101519MS

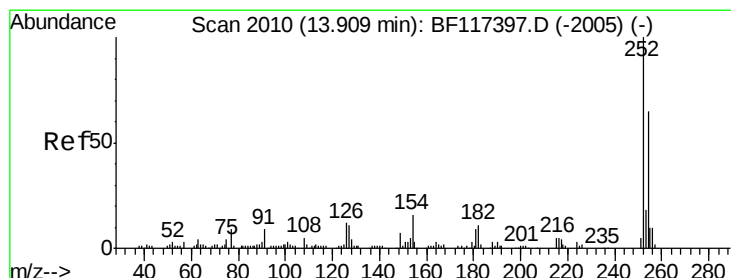
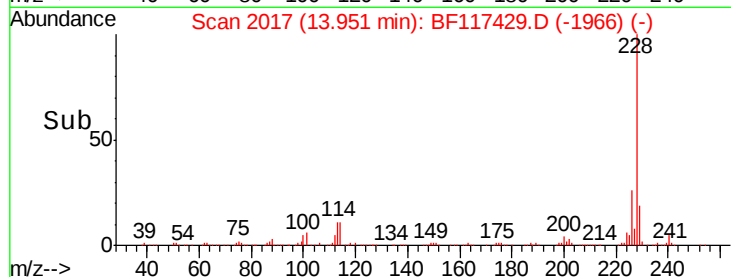
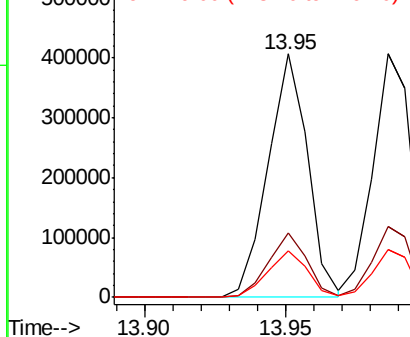
Tot Ion:	228	Resp:	394646
Ion Ratio	Lower	Upper	
228	100		
226	26.4	20.9	31.3
229	18.9	15.2	22.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.288 ng

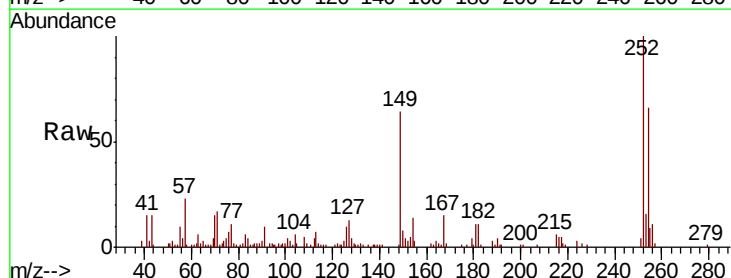
RT: 13.91 min Scan# 2010

Delta R.T. 0.00 min

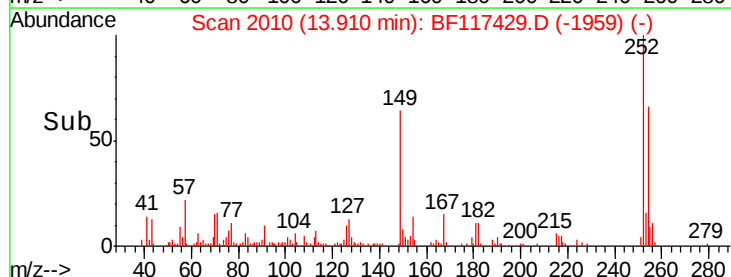
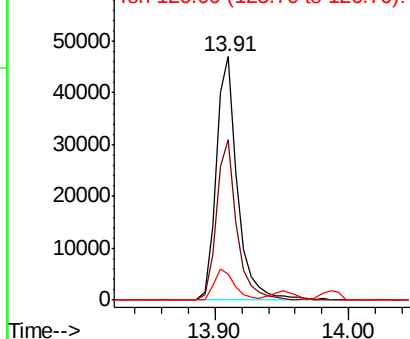
Lab File: BF117429.D

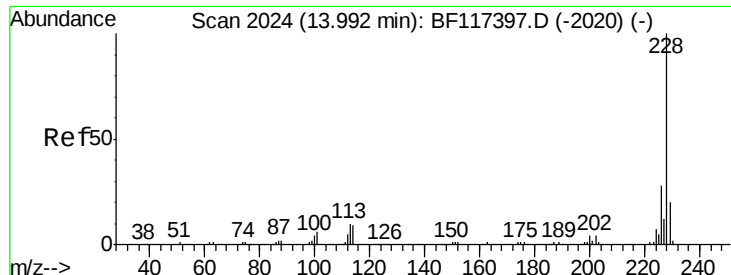
Acq: 17 Oct 2019 18:47

Tgt Ion:	252	Resp:	52620
Ion Ratio	Lower	Upper	
252	100		
254	65.9	51.6	77.4
126	10.5	9.6	14.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





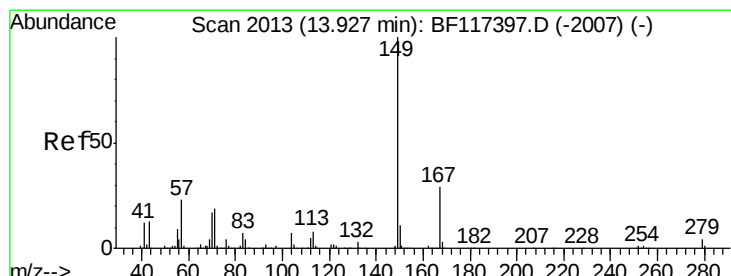
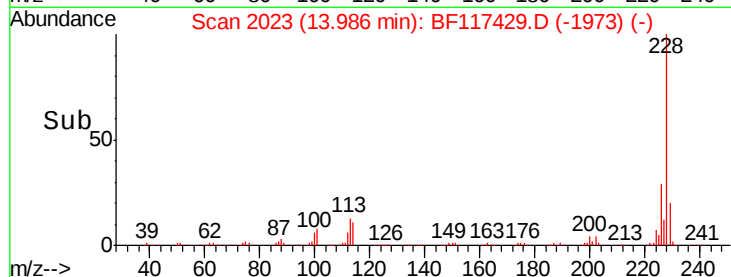
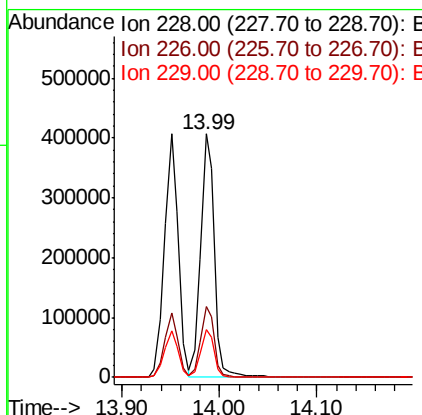
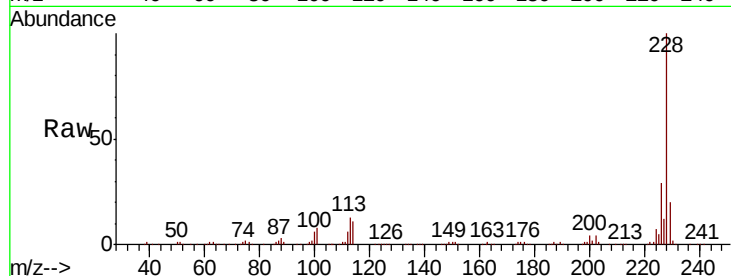
#83
 Chrysene
 Concen: 44.063 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

Instrument :
 BNA_F
 ClientSampleID :
 SU-01-101519MS

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

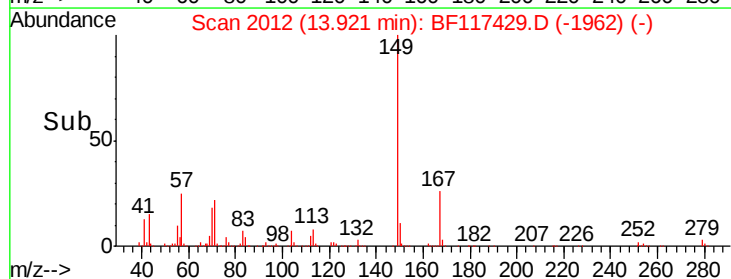
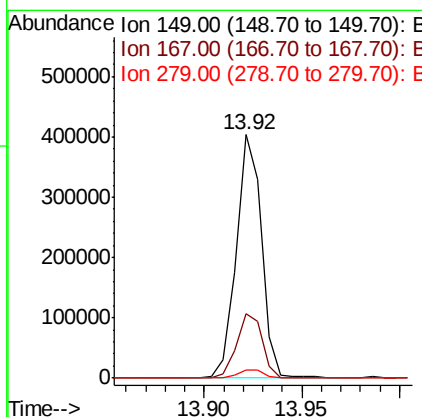
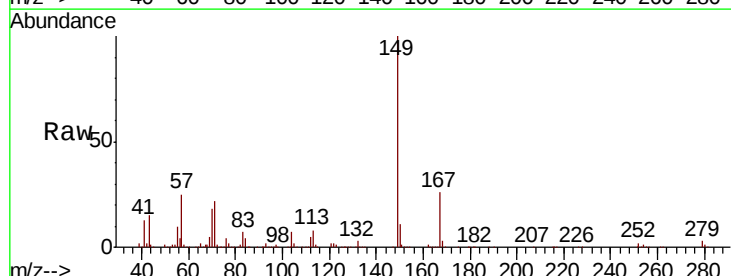
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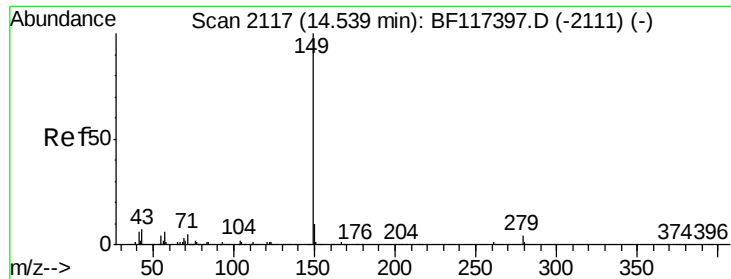
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.468 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF117429.D
 Acq: 17 Oct 2019 18:47

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





#85

Di-n-octyl phthalate

Concen: 46.687 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

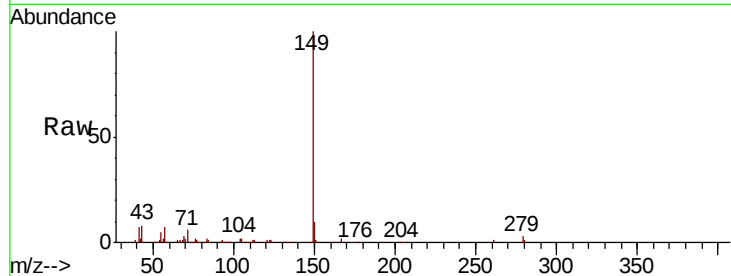
ClientSampleId :

SU-01-101519MS

Tot Ion:	149	Resp:	590802
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	7.8	6.6	9.8

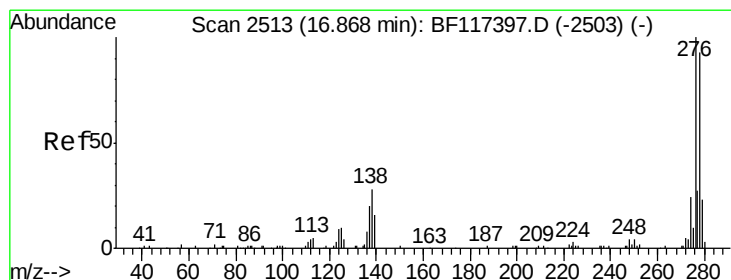
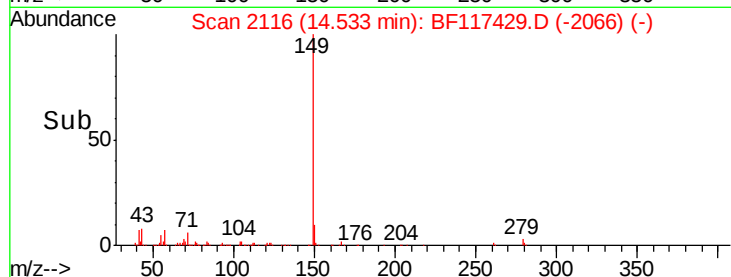
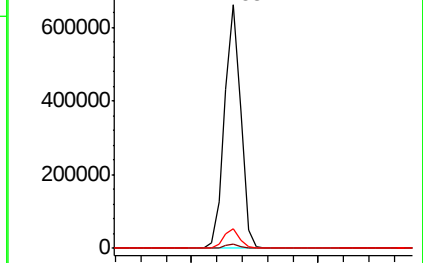
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

14.53



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.820 ng

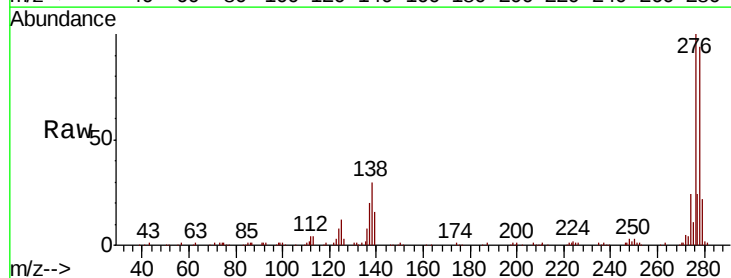
RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117429.D

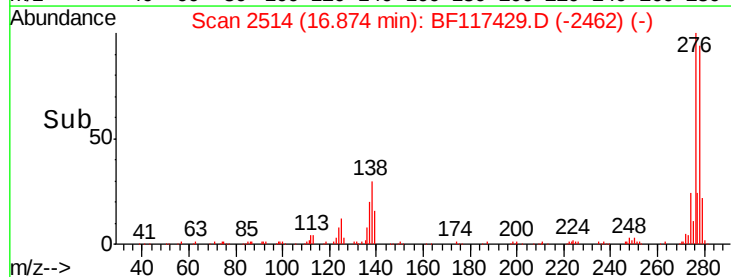
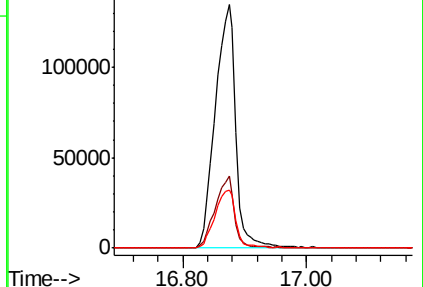
Acq: 17 Oct 2019 18:47

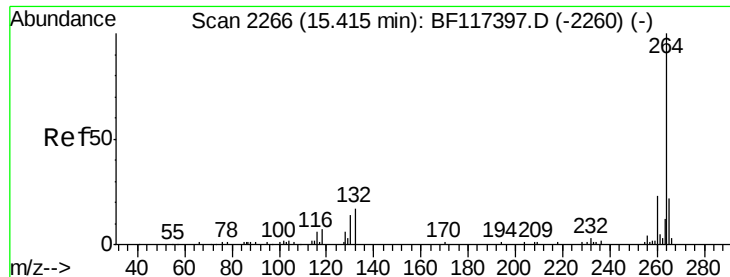
Tgt Ion:	276	Resp:	312623
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.5	32.3
277	24.1	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

16.87





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

Instrument :

BNA_F

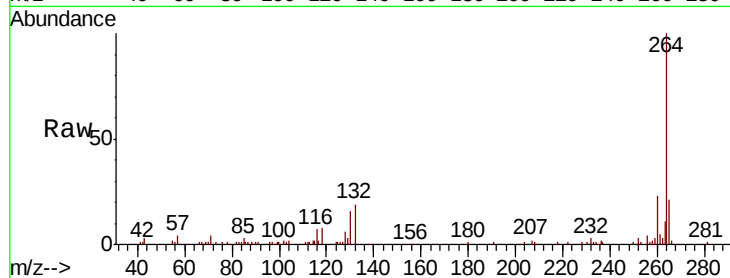
ClientSampleId :

SU-01-101519MS

Tot Ion:	264	Resp:	125256
Ion Ratio	Lower	Upper	
264	100		
260	22.6	18.6	27.8
265	21.1	17.4	26.0

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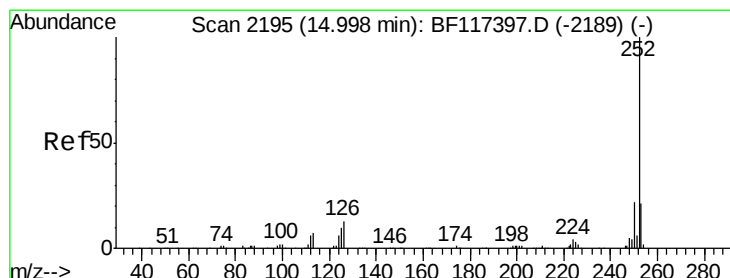
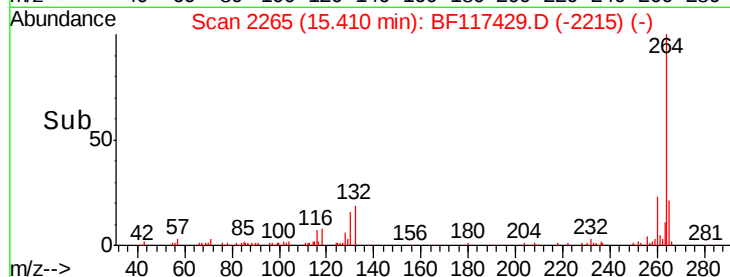
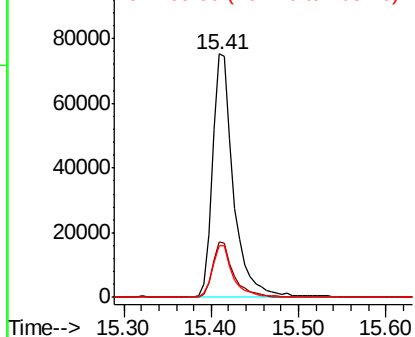


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.076 ng

RT: 15.00 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BF117429.D

Acq: 17 Oct 2019 18:47

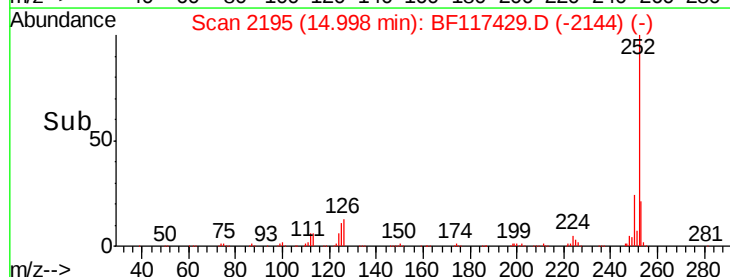
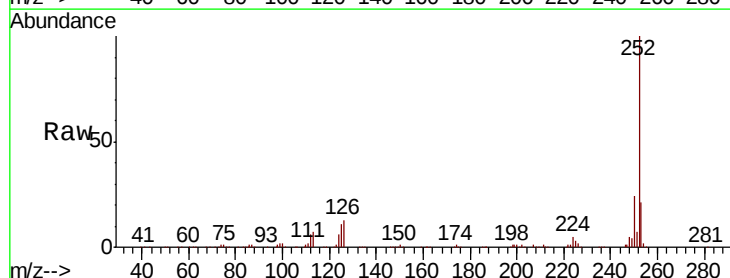
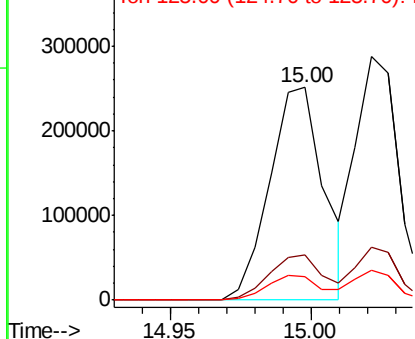
Tgt Ion:	252	Resp:	335899
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	10.9	8.2	12.2

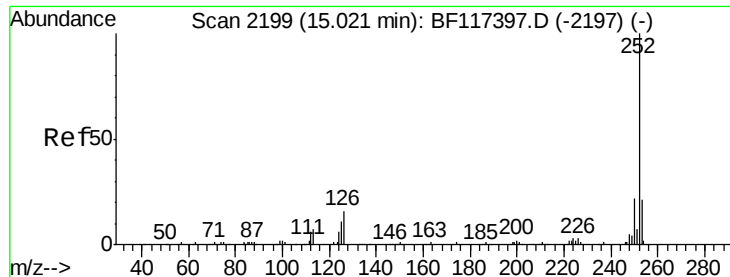
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





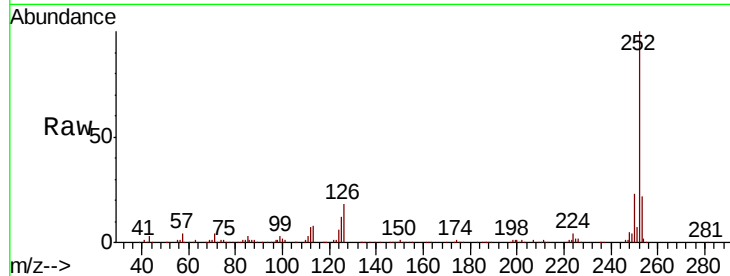
#89
Benzo(k)fluoranthene
Concen: 40.810 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

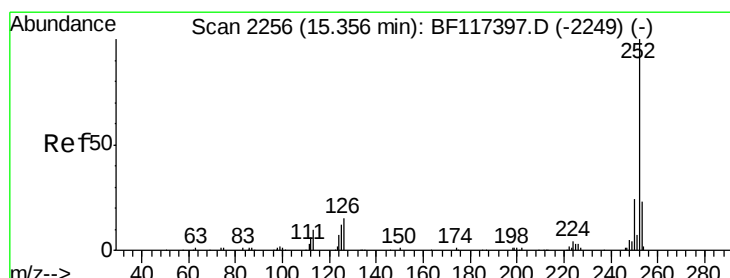
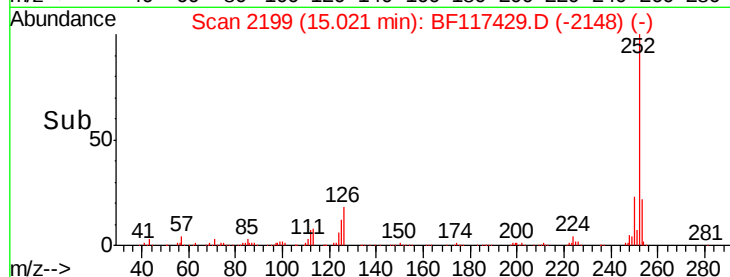
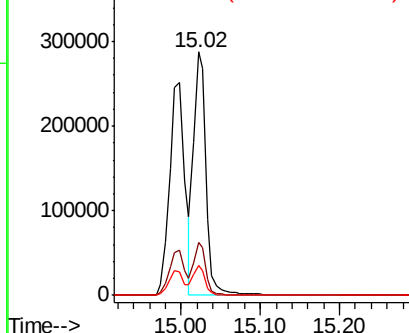
Tot Ion:	252	Resp:	316251
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.6
125	12.2	9.4	14.2

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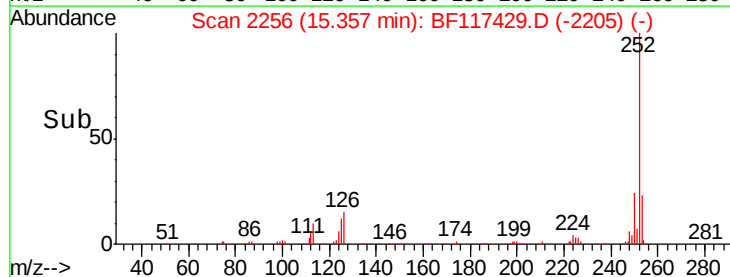
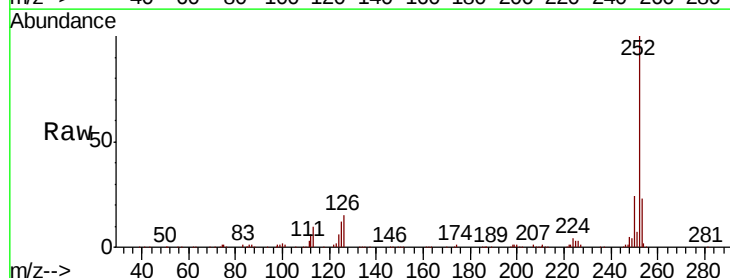
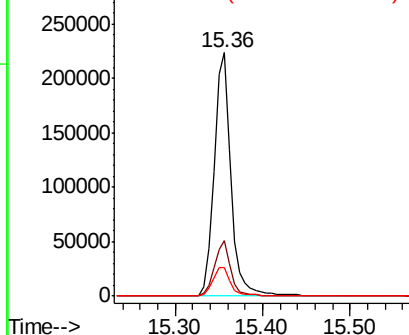
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

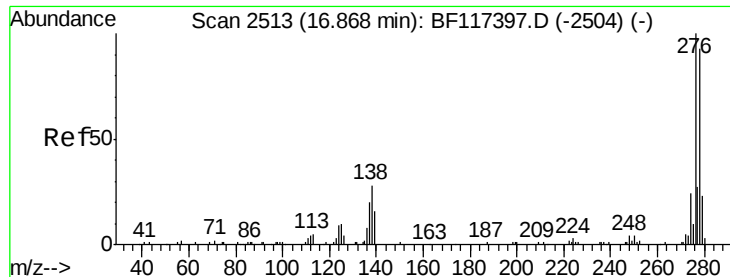


#90
Benzo(a)pyrene
Concen: 43.442 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

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

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





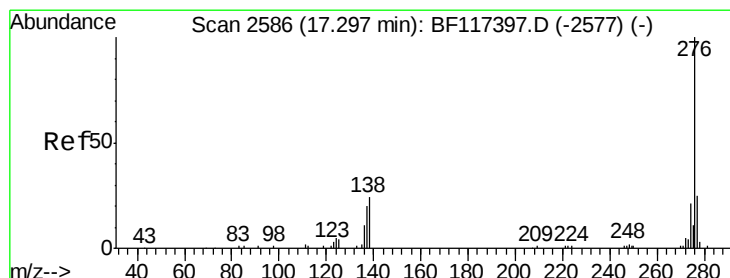
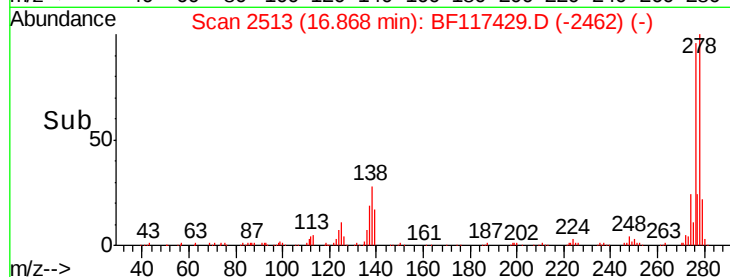
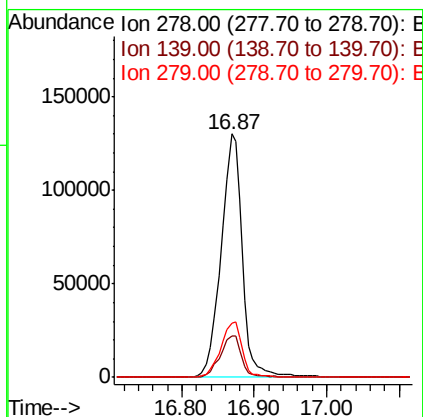
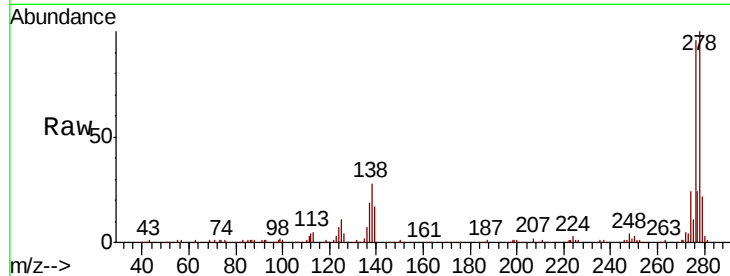
#91
Dibenzo(a,h)anthracene
Concen: 44.739 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Instrument :
BNA_F
ClientSampleId :
SU-01-101519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.1	21.1
279	22.4	19.8	29.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.751 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF117429.D
Acq: 17 Oct 2019 18:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.9	29.9
138	22.1	19.3	28.9

