

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102319\
 Data File : BF117497.D
 Acq On : 23 Oct 2019 21:37
 Operator : JU
 Sample : K5494-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 08:25:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	43815	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	179697	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	90550	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	141391	20.00	ng	0.00
76) Chrysene-d12	13.89	240	79718	20.00	ng	0.00
87) Perylene-d12	15.32	264	90816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	300771	102.12	ng	0.00
7) Phenol-d6	6.39	99	414989	104.91	ng	0.00
23) Nitrobenzene-d5	7.30	82	264402	72.64	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	76763	97.98	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	412766	64.23	ng	0.00
79) Terphenyl-d14	12.83	244	340627	69.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	44553	35.981	ng	94
3) Pyridine	3.16	79	113797	37.542	ng	98
4) n-Nitrosodimethylamine	3.10	42	47534	43.225	ng	95
6) Aniline	6.40	93	115779	24.931	ng	# 2
8) 2-Chlorophenol	6.52	128	137423	44.220	ng	98
9) Benzaldehyde	6.28	77	81781	43.483	ng	97
10) Phenol	6.40	94	176396	43.692	ng	82
11) bis(2-Chloroethyl)ether	6.47	93	130676	43.759	ng	97
12) 1,3-Dichlorobenzene	6.67	146	138367	39.898	ng	95
13) 1,4-Dichlorobenzene	6.75	146	139729	39.716	ng	97
14) 1,2-Dichlorobenzene	6.90	146	135422	40.835	ng	99
15) Benzyl Alcohol	6.89	79	124480	44.046	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	130764	40.592	ng	69
17) 2-Methylphenol	7.00	107	112910	44.165	ng	97
18) Hexachloroethane	7.24	117	53205	38.745	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	104701	43.340	ng	97
20) 3+4-Methylphenols	7.16	107	145137	43.300	ng	# 74
22) Acetophenone	7.15	105	200175	41.951	ng	# 94
24) Nitrobenzene	7.32	77	152350	43.699	ng	96
25) Isophorone	7.56	82	277126	44.010	ng	97
26) 2-Nitrophenol	7.64	139	70420	45.289	ng	97
27) 2,4-Dimethylphenol	7.68	122	120340	51.786	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	165958	42.712	ng	99
29) 2,4-Dichlorophenol	7.89	162	108436	44.489	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	109634	41.915	ng	99
31) Naphthalene	8.03	128	394329	44.272	ng	100
32) Benzoic acid	7.84	122	62825	39.472	ng	99
33) 4-Chloroaniline	8.10	127	38890	10.346	ng	99
34) Hexachlorobutadiene	8.15	225	60256	39.801	ng	96
35) Caprolactam	8.47	113	23407	29.895	ng	# 90
36) 4-Chloro-3-methylphenol	8.59	107	127881	46.005	ng	97
37) 2-Methylnaphthalene	8.73	142	272989	45.485	ng	98
38) 1-Methylnaphthalene	8.83	142	254030	45.043	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	101299	41.535	ng	99

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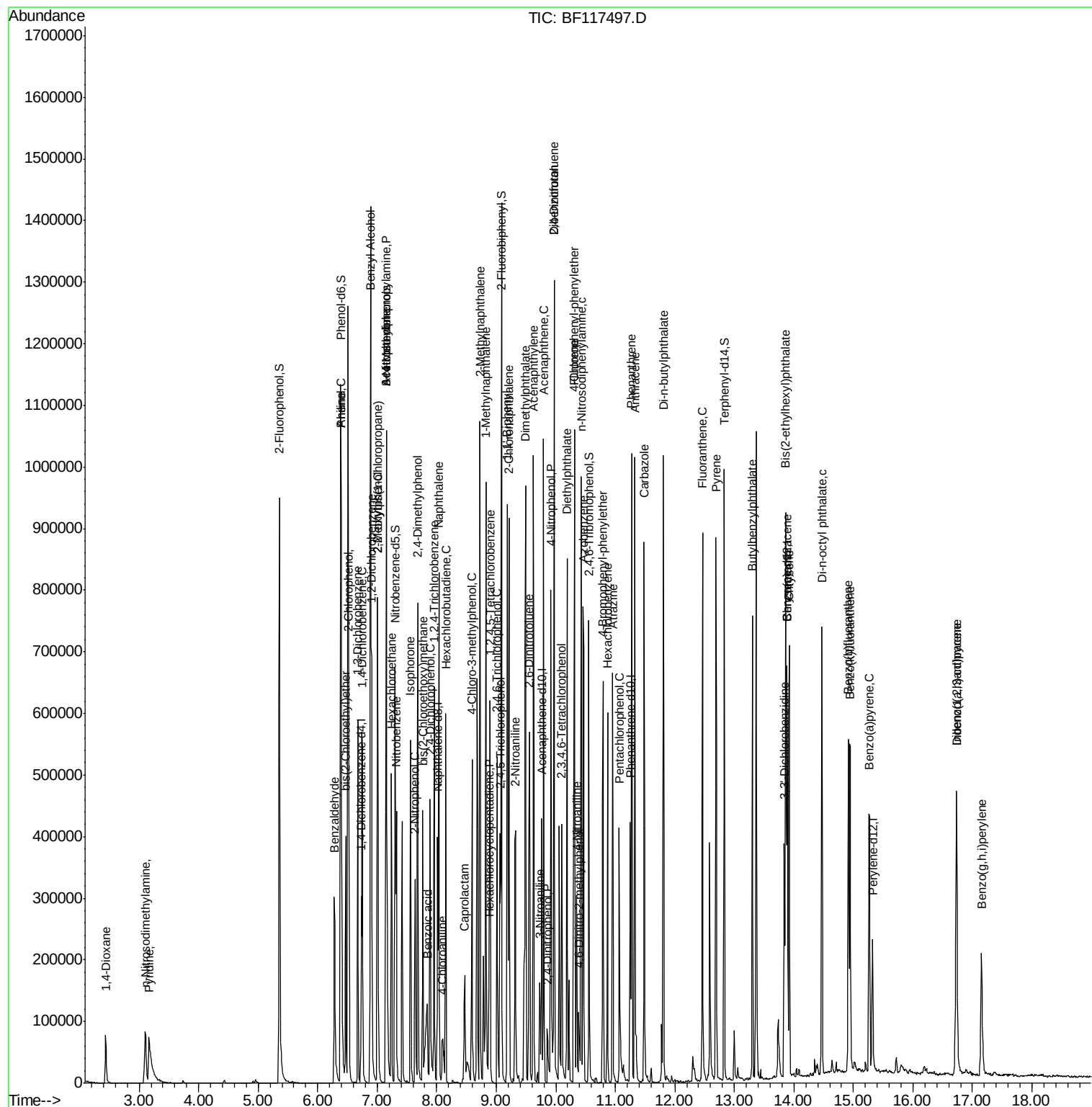
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	24058	47.056	nq	93
43) 2,4,6-Trichlorophenol	9.02	196	68247	44.685	nq	97
44) 2,4,5-Trichlorophenol	9.06	196	74443	48.101	nq	96
46) 1,1'-Biphenyl	9.19	154	314898	42.007	nq	97
47) 2-Chloronaphthalene	9.22	162	240573	42.564	nq	99
48) 2-Nitroaniline	9.32	65	79389	42.787	nq	87
49) Acenaphthylene	9.63	152	374902	45.158	nq	99
50) Dimethylphthalate	9.49	163	386885	59.934	nq	100
51) 2,6-Dinitrotoluene	9.56	165	61182	45.419	nq	97
52) Acenaphthene	9.80	154	222289	43.642	nq	99
53) 3-Nitroaniline	9.73	138	33357	20.409	nq	94
54) 2,4-Dinitrophenol	9.86	184	16419	32.309	nq	94
55) Dibenzofuran	9.97	168	329333	44.628	nq	98
56) 4-Nitrophenol	9.92	139	70323	92.777	nq	# 85
57) 2,4-Dinitrotoluene	9.97	165	79819	44.568	nq	98
58) Fluorene	10.32	166	267775	43.879	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	54412	44.733	nq	92
60) Diethylphthalate	10.19	149	282787	43.311	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	118436	43.258	nq	94
62) 4-Nitroaniline	10.35	138	52152	33.853	nq	97
63) Azobenzene	10.46	77	301414	45.095	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	15632	21.745	nq	89
66) n-Nitrosodiphenylamine	10.43	169	236576	45.769	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	67546	44.352	nq	94
68) Hexachlorobenzene	10.87	284	69194	42.424	nq	95
69) Atrazine	10.96	200	71828	54.617	nq	98
70) Pentachlorophenol	11.07	266	54338	111.134	nq	94
71) Phenanthrene	11.27	178	376780	45.893	nq	99
72) Anthracene	11.33	178	390618	46.370	nq	99
73) Carbazole	11.49	167	342340	44.468	nq	99
74) Di-n-butylphthalate	11.81	149	465217	45.226	nq	100
75) Fluoranthene	12.46	202	350169	42.605	nq	99
77) Benzdine	12.59	184	178150	Below Cal		98
78) Pyrene	12.69	202	335753	49.034	nq	99
80) Butylbenzylphthalate	13.30	149	165969	48.708	nq	95
81) Benzo(a)anthracene	13.88	228	247622	46.050	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	73448	43.528	nq	# 98
83) Chrysene	13.92	228	236735	44.921	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	238201	49.905	nq	95
85) Di-n-octyl phthalate	14.47	149	357674	48.738	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	202414	51.443	nq	99
88) Benzo(b)fluoranthene	14.92	252	226688	42.270	nq	96
89) Benzo(k)fluoranthene	14.94	252	222415	40.465	nq	99
90) Benzo(a)pyrene	15.27	252	208570	42.776	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	175177	41.550	nq	99
92) Benzo(g,h,i)perylene	17.15	276	156817	39.311	nq	97

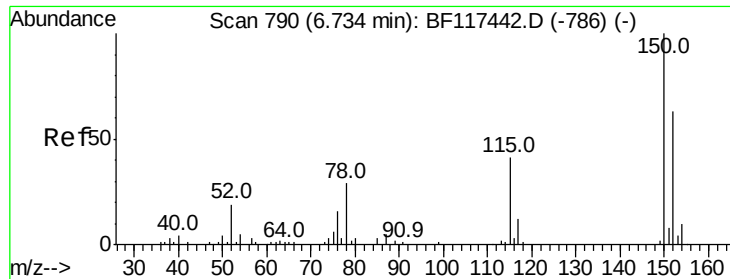
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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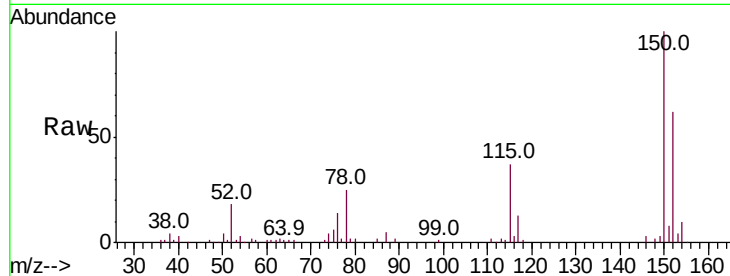


#1

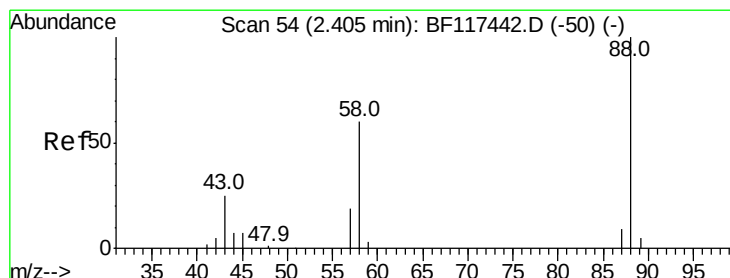
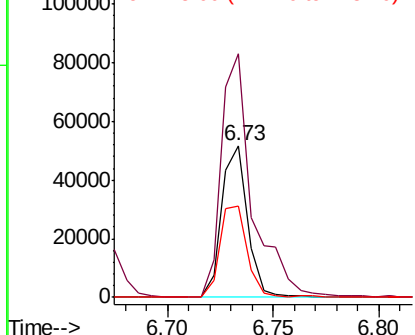
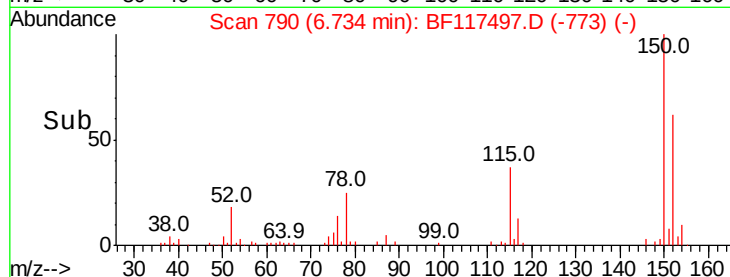
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43815
Ion Ratio Lower Upper
152 100
150 160.7 126.8 190.2
115 59.8 51.6 77.4



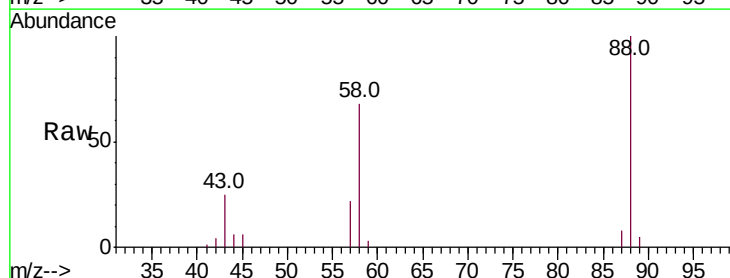
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



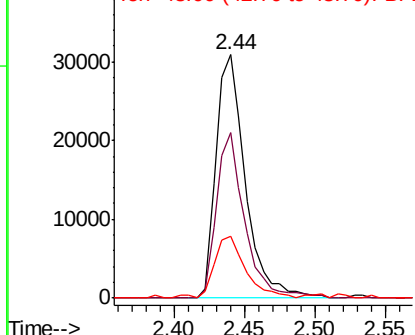
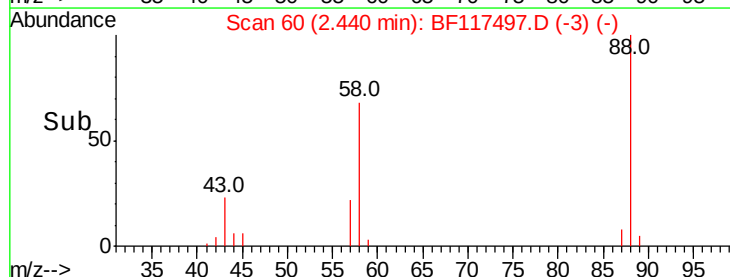
#2

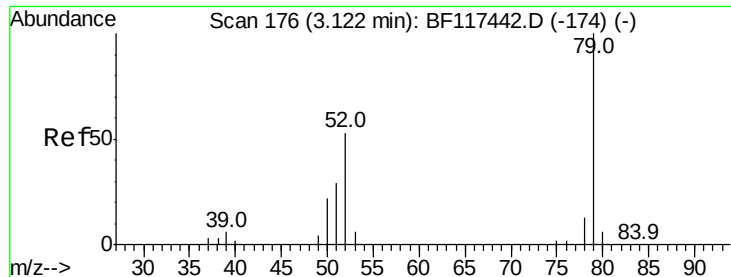
1,4-Dioxane
Concen: 35.981 ng
RT: 2.44 min Scan# 60
Delta R.T. 0.04 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion: 88 Resp: 44553
Ion Ratio Lower Upper
88 100
58 65.3 48.8 73.2
43 27.4 18.5 27.7



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

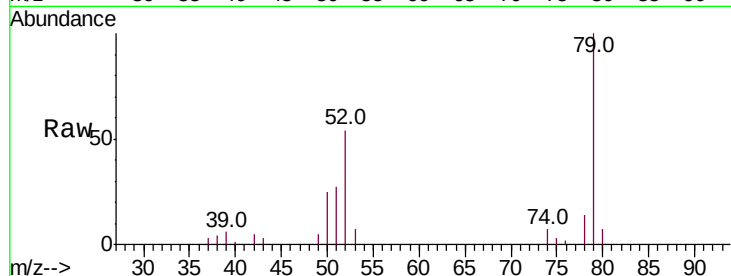




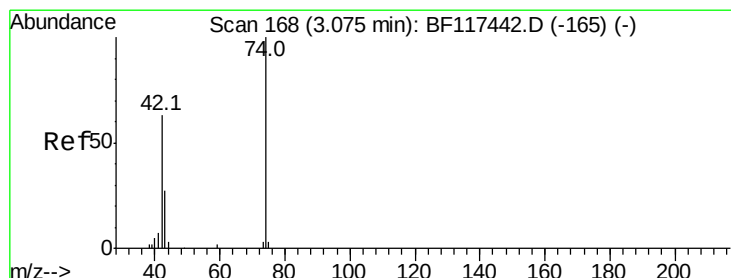
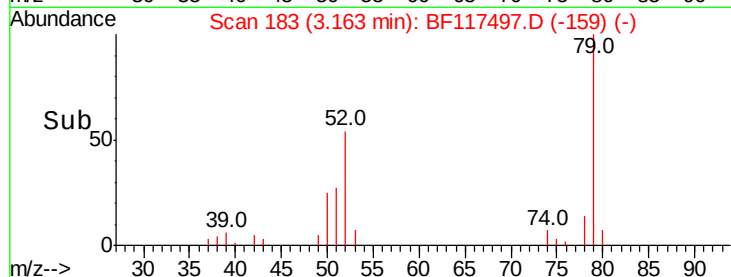
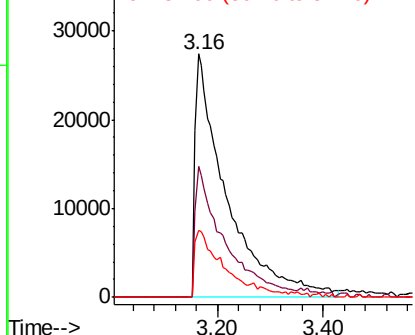
#3
 Pvridine
 Concen: 37.542 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.04 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 113797
 Ion Ratio Lower Upper
 79 100
 52 54.0 42.4 63.6
 51 27.3 23.3 34.9

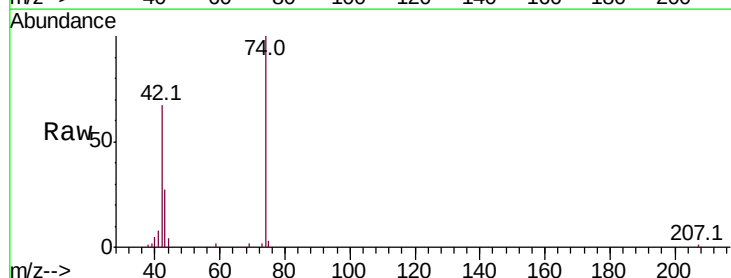


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

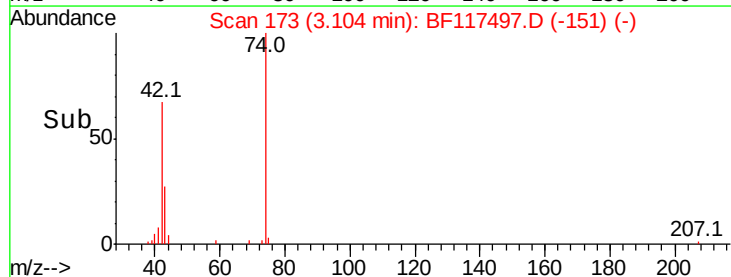
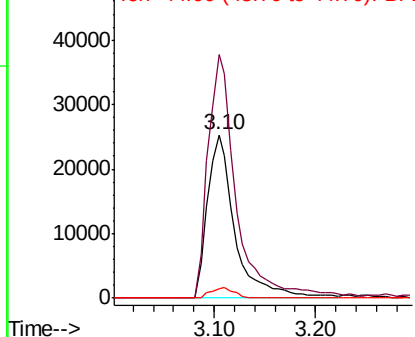


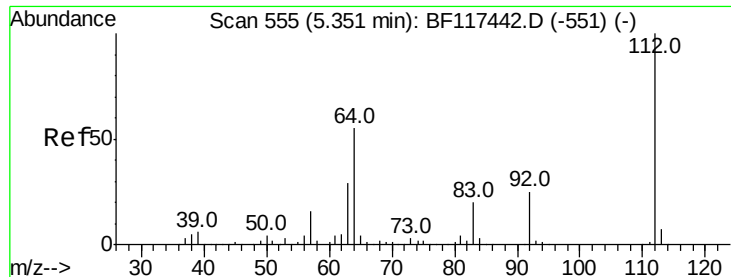
#4
 n-Nitrosodimethylamine
 Concen: 43.225 ng
 RT: 3.10 min Scan# 173
 Delta R.T. 0.03 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion: 42 Resp: 47534
 Ion Ratio Lower Upper
 42 100
 74 148.8 124.2 186.4
 44 5.4 4.2 6.4



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





#5

2-Fluorophenol

Concen: 102.124 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampled :

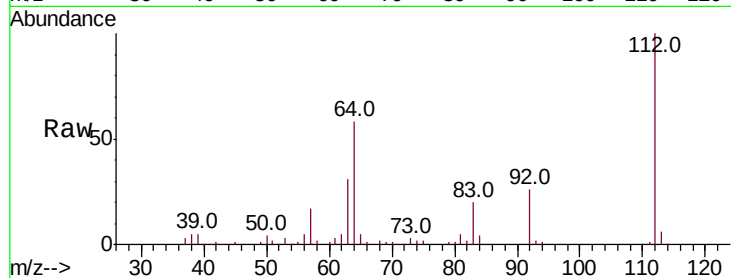
Tot Ion:112 Resp: 300771

Ion Ratio Lower Upper

112 100

64 57.8 44.1 66.1

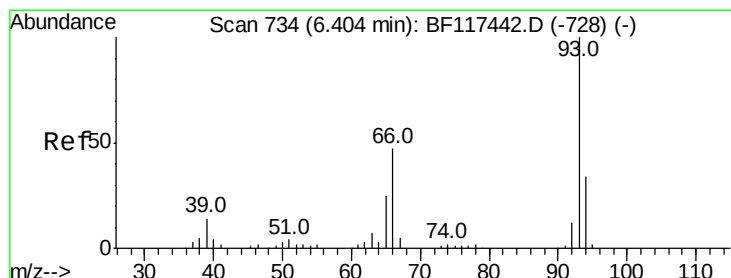
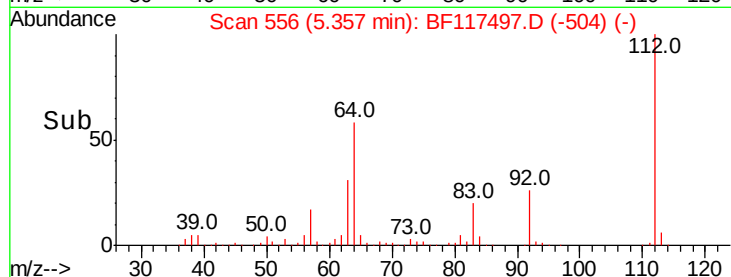
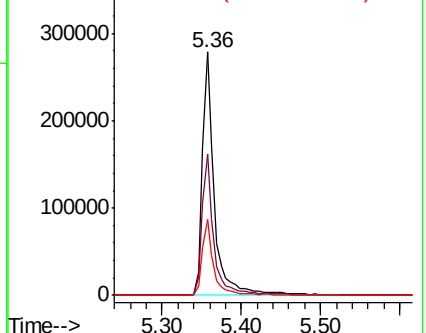
63 31.2 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.931 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

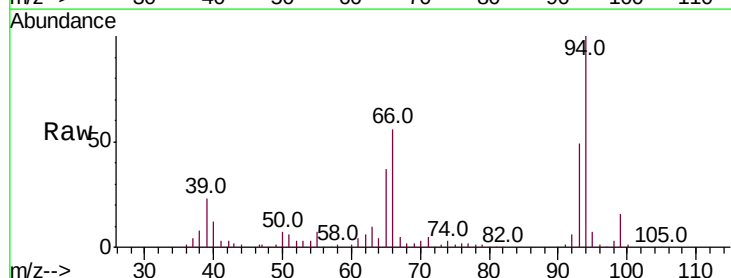
Tgt Ion: 93 Resp: 115779

Ion Ratio Lower Upper

93 100

66 114.5 38.7 58.1#

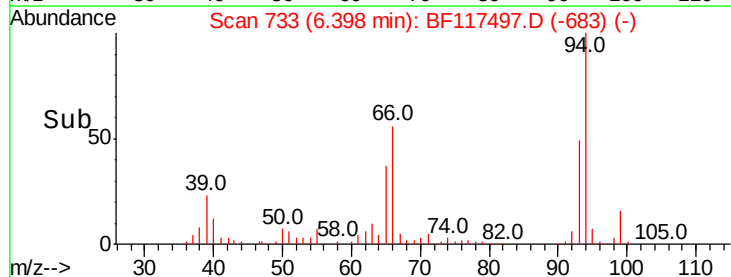
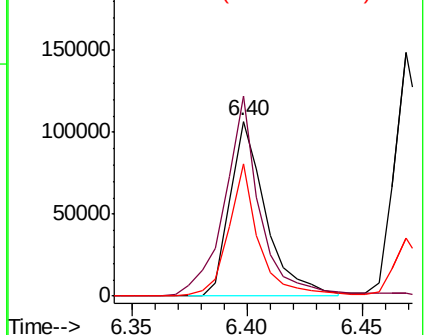
65 75.5 20.1 30.1#

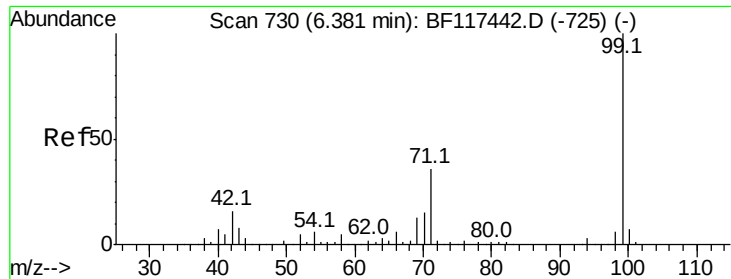


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.910 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117497.D

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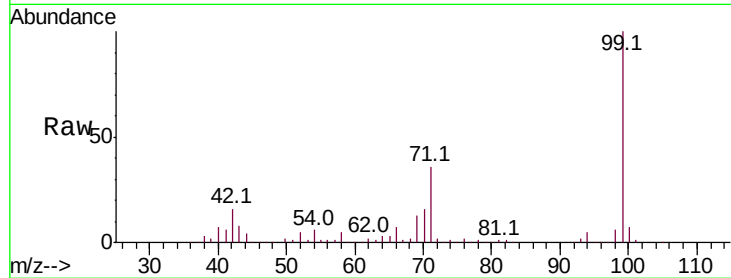
Tot Ion: 99 Resp: 414989

Ion Ratio Lower Upper

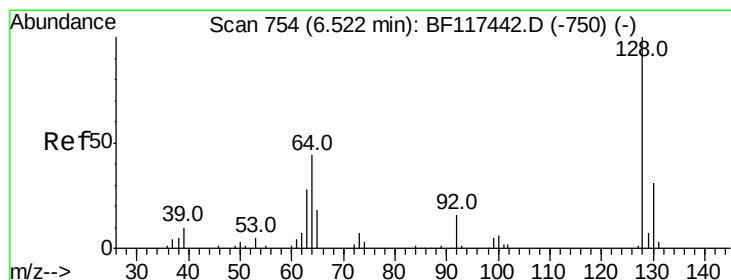
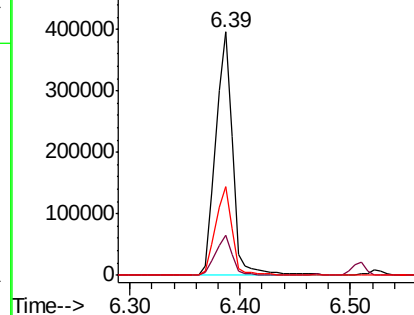
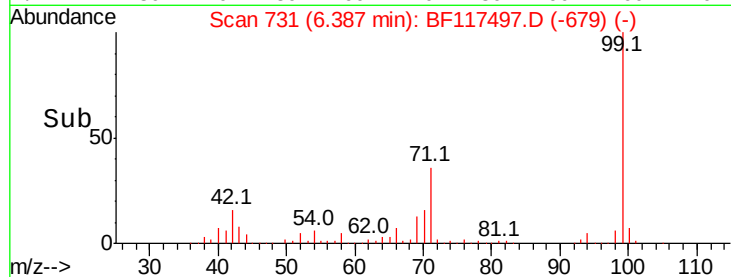
99 100

42 16.2 12.8 19.2

71 36.3 28.6 43.0



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: 44.220 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117497.D

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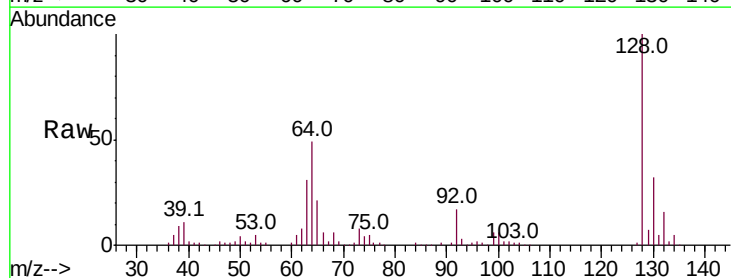
Tgt Ion: 128 Resp: 137423

Ion Ratio Lower Upper

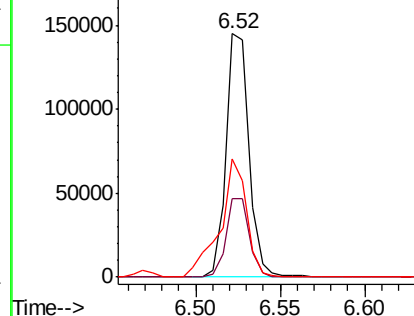
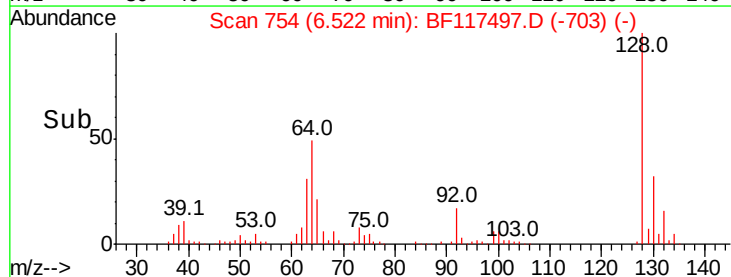
128 100

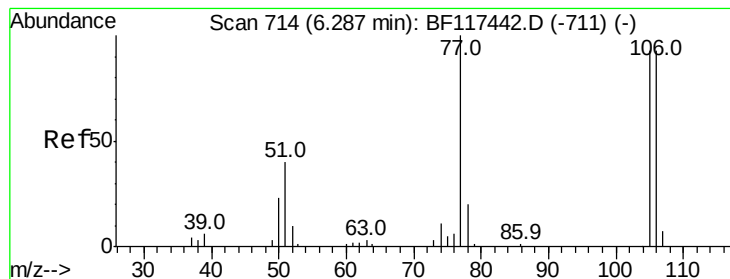
130 32.1 11.1 51.1

64 48.6 27.1 67.1



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





#9

Benzaldehyde

Concen: 43.483 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

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ClientSampled :

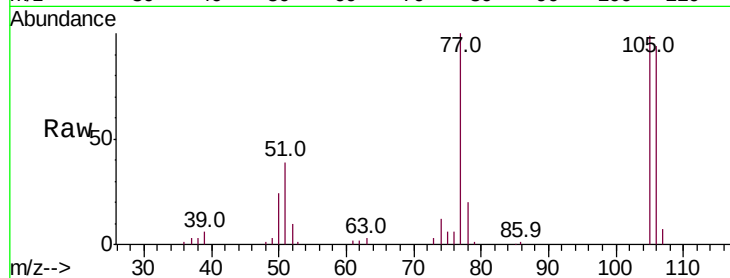
Tot Ion: 77 Resp: 81781

Ion Ratio Lower Upper

77 100

105 99.0 73.4 113.4

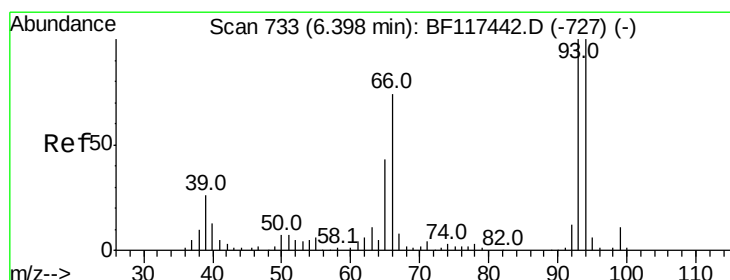
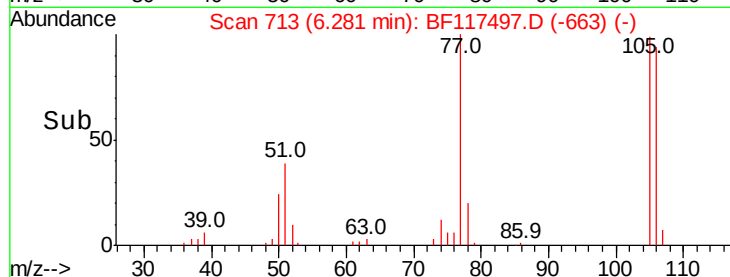
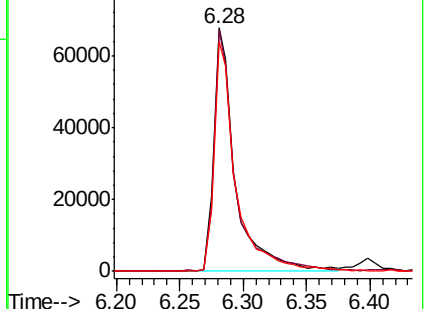
106 94.0 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 43.692 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

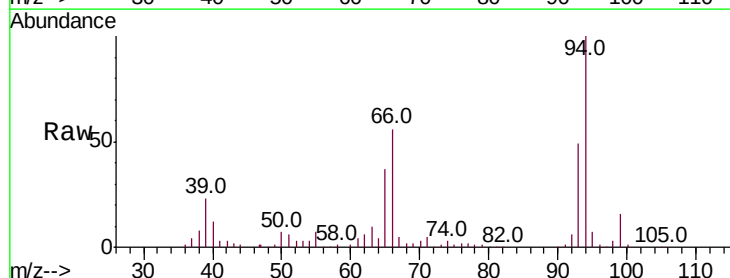
Tgt Ion: 94 Resp: 176396

Ion Ratio Lower Upper

94 100

65 36.9 23.4 63.4

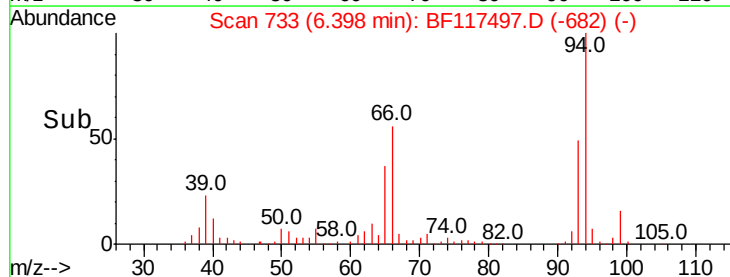
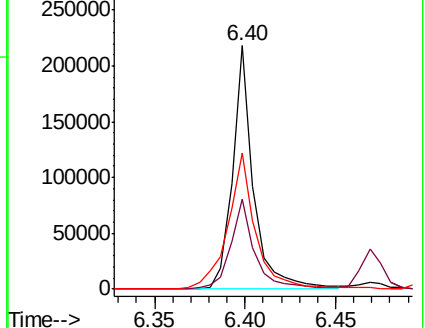
66 55.9 54.7 94.7

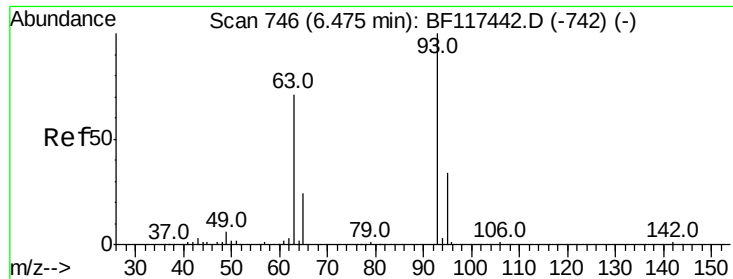


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.759 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

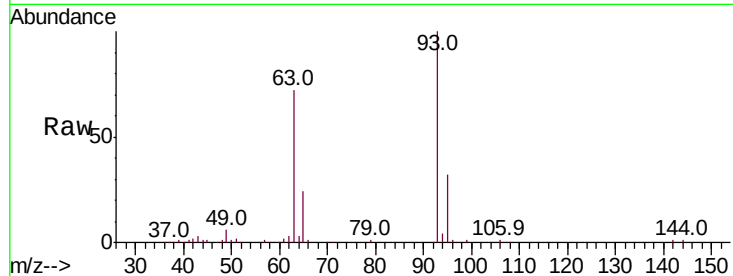
Tot Ion: 93 Resp: 130676

Ion Ratio Lower Upper

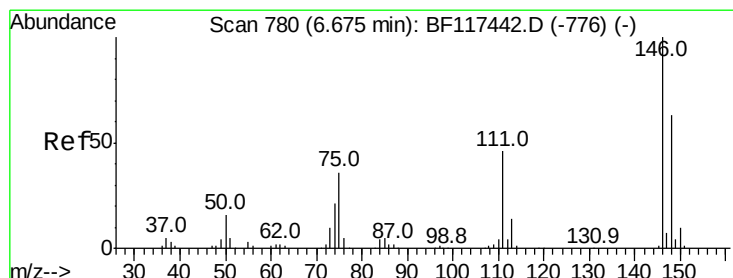
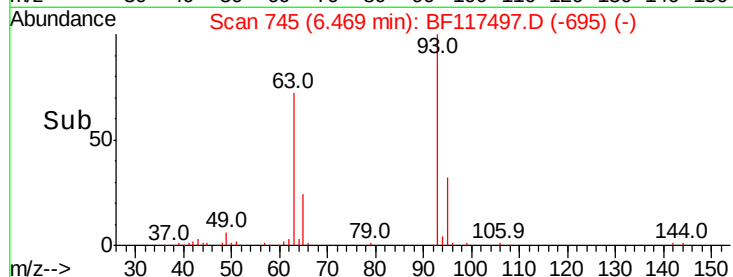
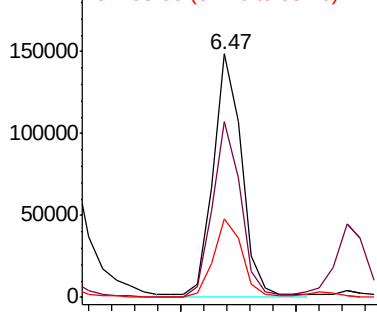
93 100

63 72.3 50.2 90.2

95 32.2 13.9 53.9



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



#12

1,3-Dichlorobenzene

Concen: 39.898 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

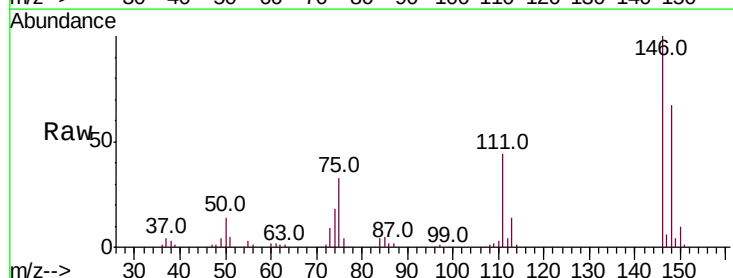
Tgt Ion: 146 Resp: 138367

Ion Ratio Lower Upper

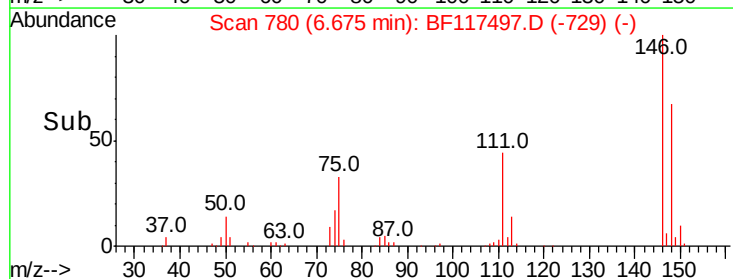
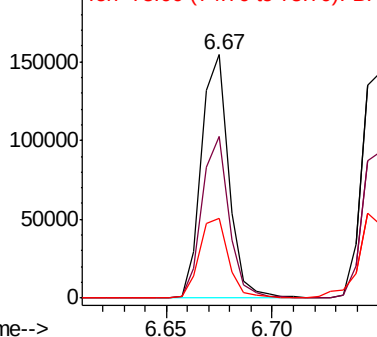
146 100

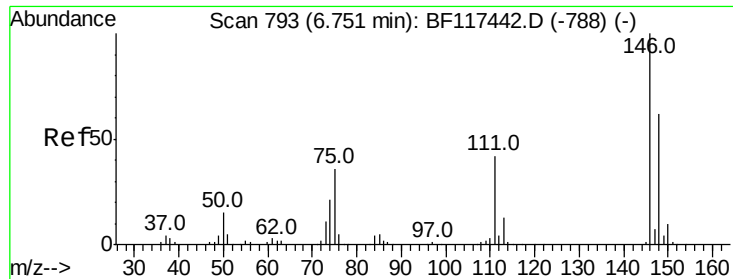
148 66.5 50.6 75.8

75 32.6 28.6 43.0



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

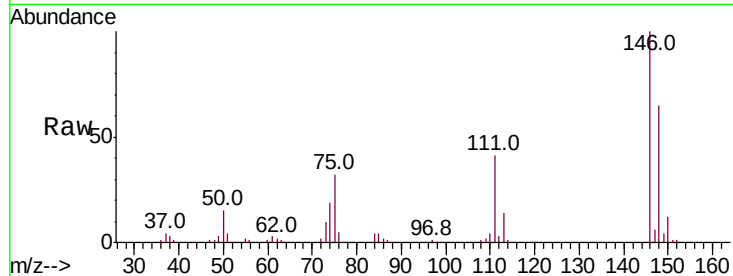




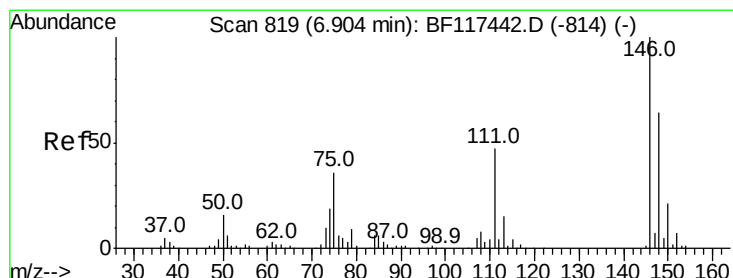
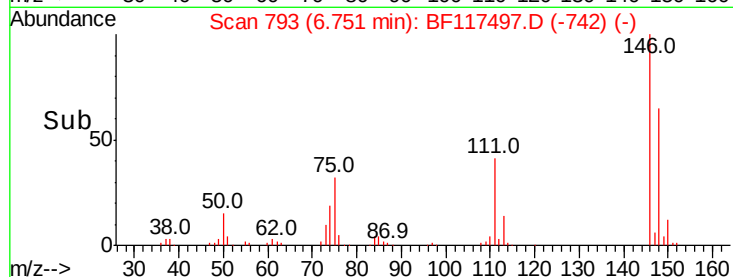
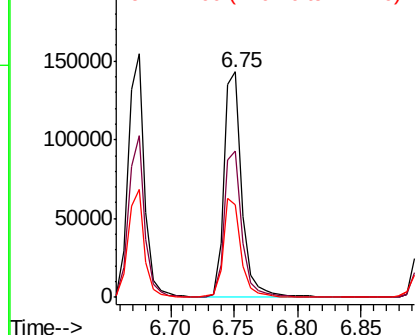
#13
 1,4-Dichlorobenzene
 Concen: 39.716 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 139729
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.3 73.9
 111 41.0 33.6 50.4

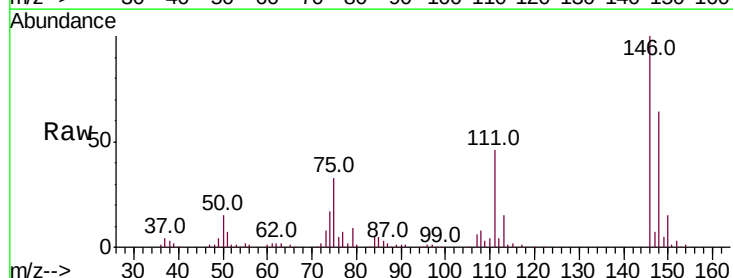


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

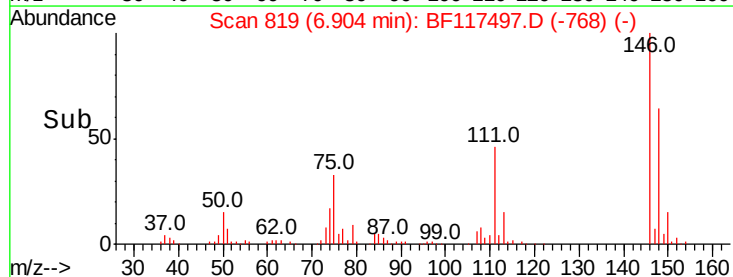
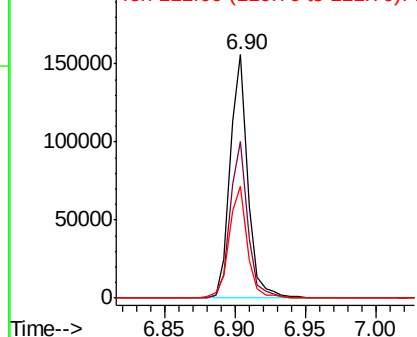


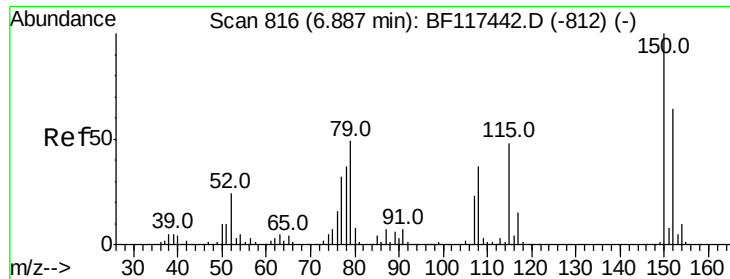
#14
 1,2-Dichlorobenzene
 Concen: 40.835 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion:146 Resp: 135422
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.4 77.0
 111 45.7 37.7 56.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

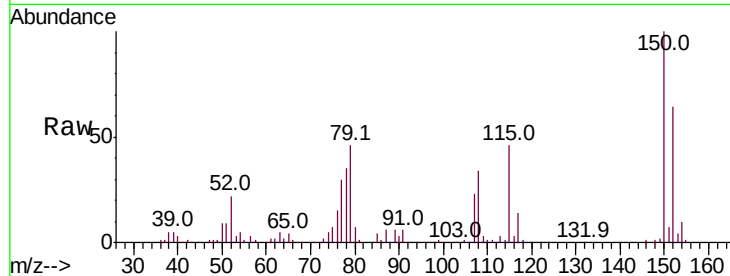




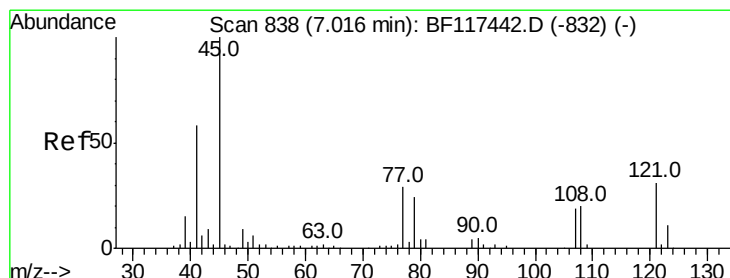
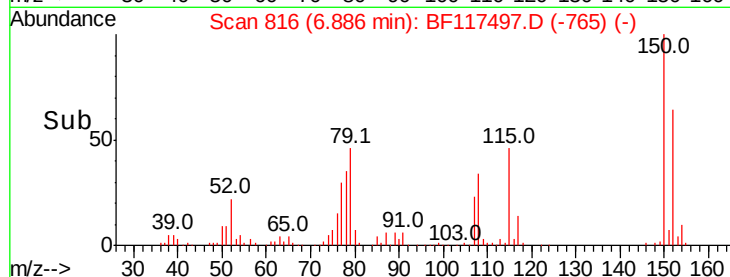
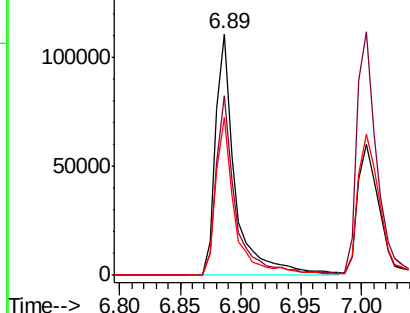
#15
Benzyl Alcohol
Concen: 44.046 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 124480
Ion Ratio Lower Upper
79 100
108 74.2 59.8 89.8
77 65.2 51.4 77.0

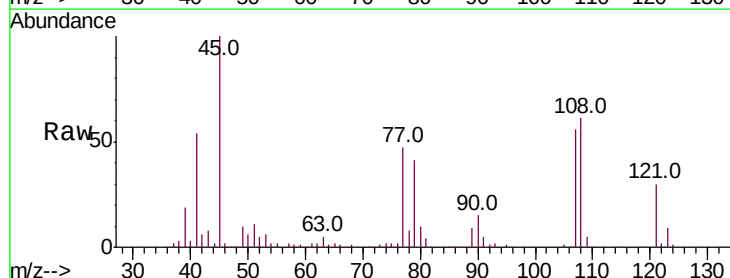


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

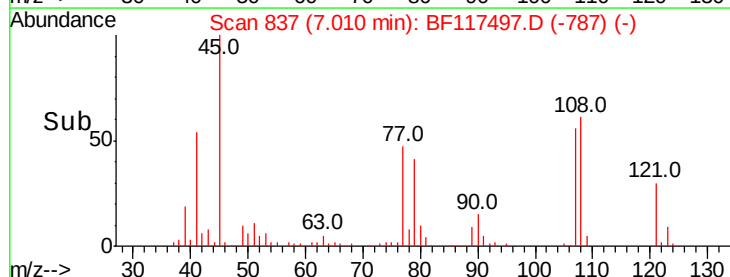
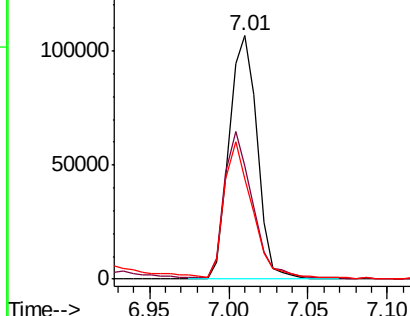


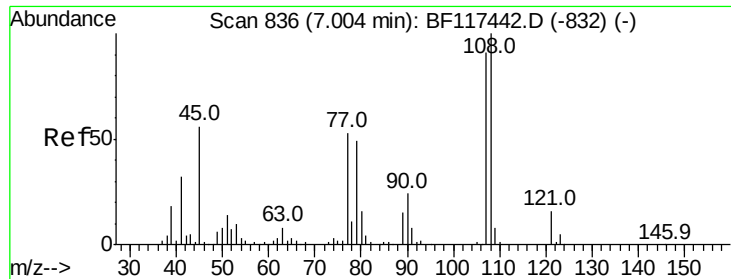
#16
2,2'-oxybis(1-chloropropane)
Concen: 40.592 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion: 45 Resp: 130764
Ion Ratio Lower Upper
45 100
77 46.6 9.9 49.9
79 41.0 5.5 45.5



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

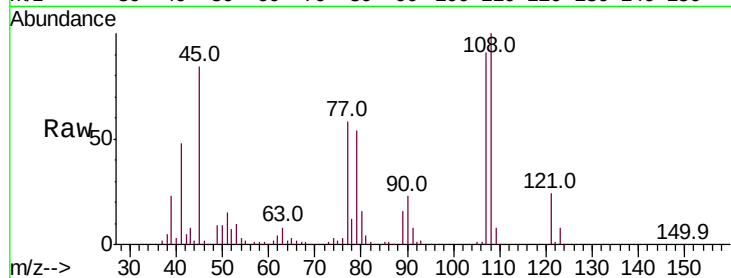




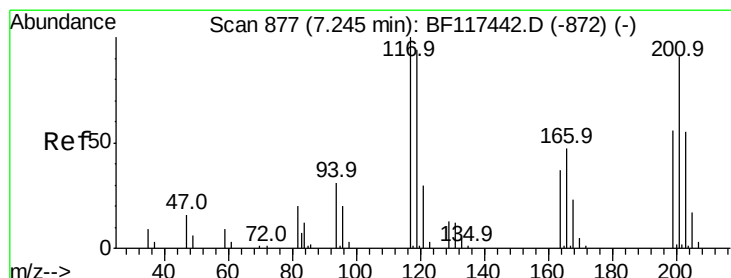
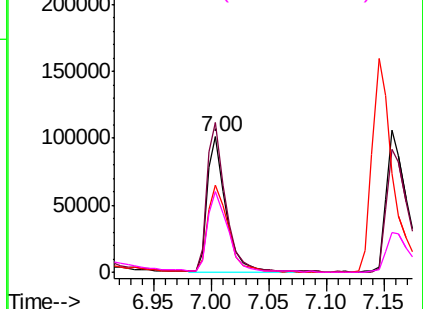
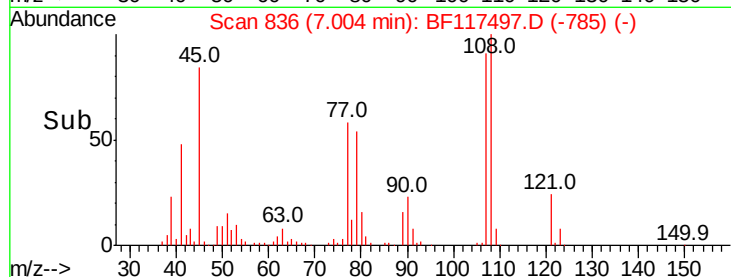
#17
2-Methylphenol
Concen: 44.165 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 112910
Ion Ratio Lower Upper
107 100
108 110.4 88.0 132.0
77 64.2 47.2 70.8
79 59.2 44.1 66.1

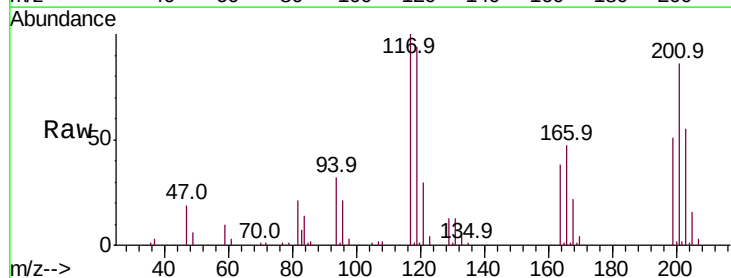


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

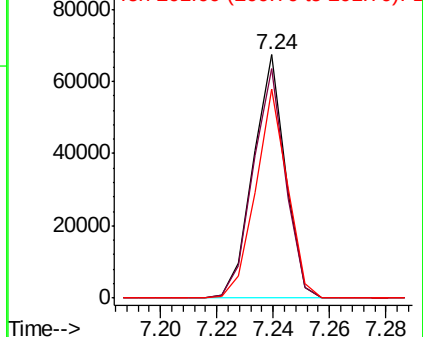
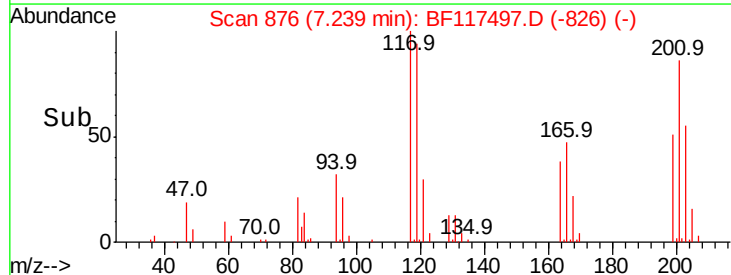


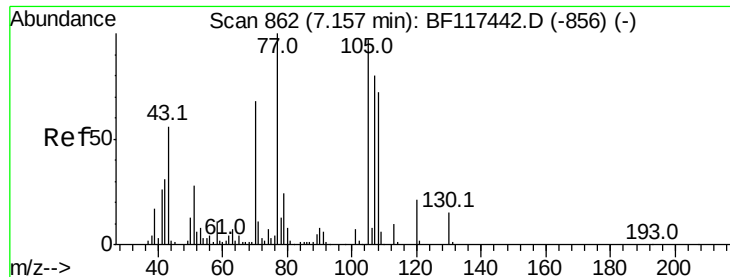
#18
Hexachloroethane
Concen: 38.745 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:117 Resp: 53205
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
201 85.8 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

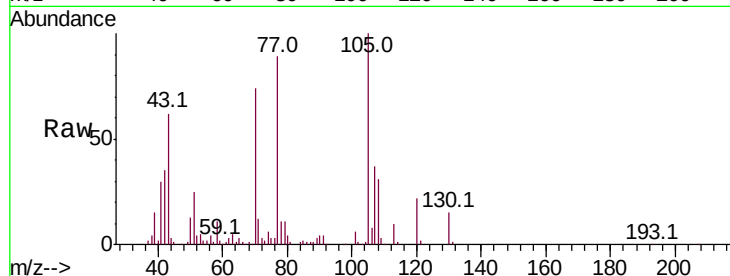




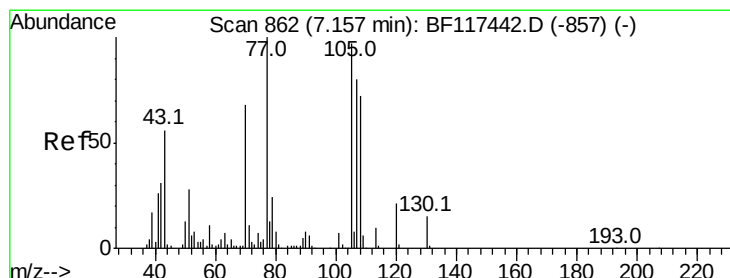
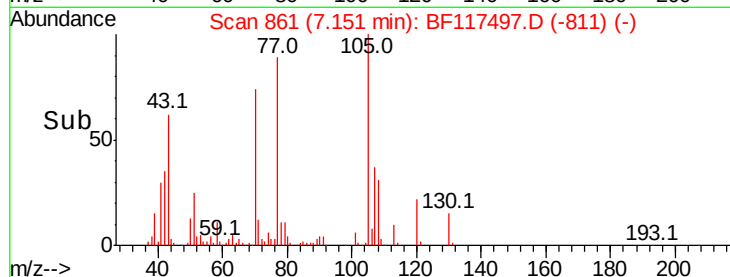
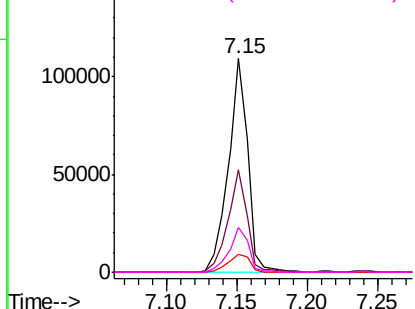
#19
n-Nitroso-di-n-propylamine
Concen: 43.340 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 104701
Ion Ratio Lower Upper
70 100
42 47.7 36.7 55.1
101 8.7 8.3 12.5
130 21.0 18.1 27.1



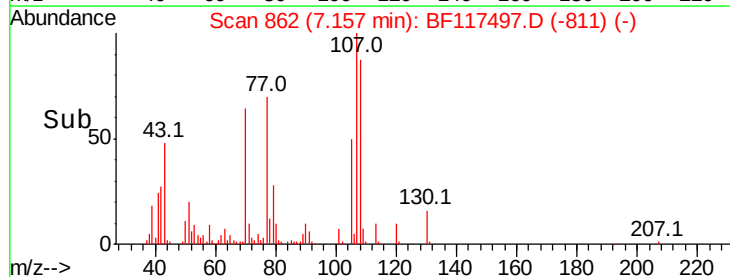
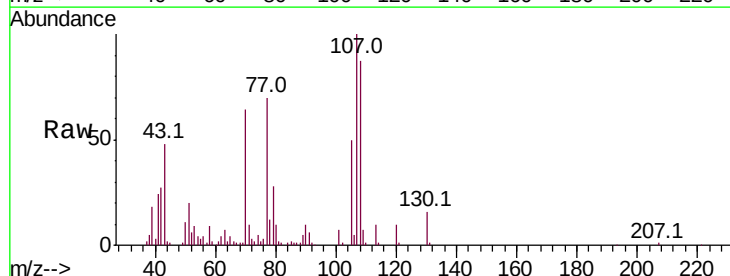
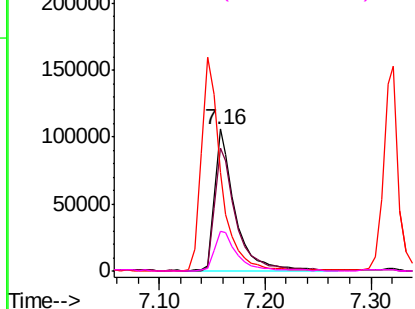
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

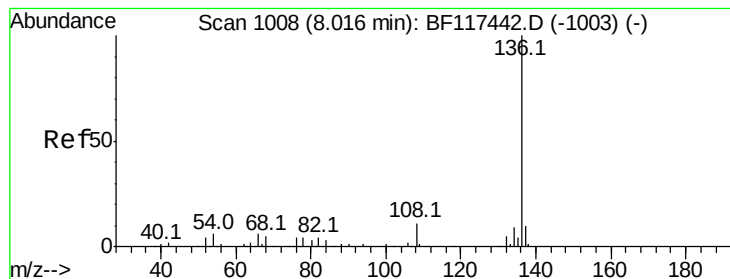


#20
3+4-Methylphenols
Concen: 43.300 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion: 107 Resp: 145137
Ion Ratio Lower Upper
107 100
108 86.9 70.3 110.3
77 69.7 104.8 144.8#
79 28.0 10.0 50.0

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 179697

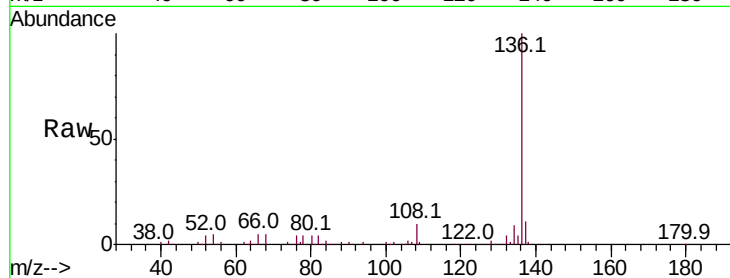
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.4

54 5.3 4.5 6.7

68 5.0 4.3 6.5

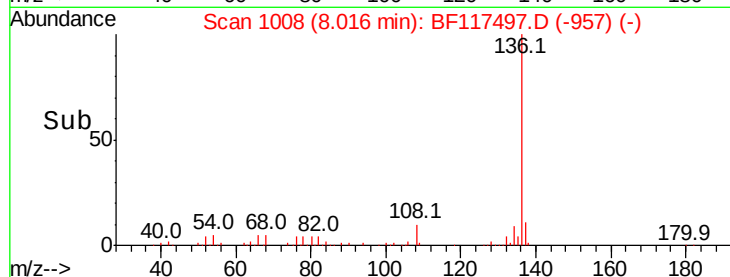


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Abundance

8.02

200000

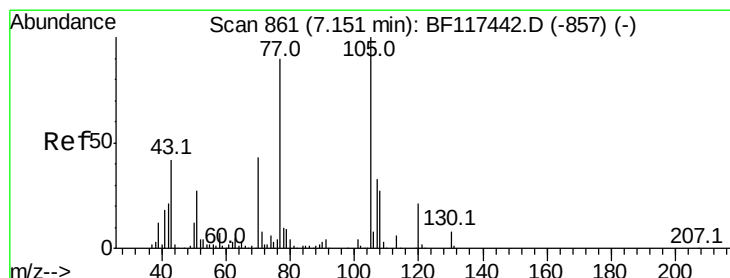
150000

100000

50000

0

Time-->



#22

Acetophenone

Concen: 41.951 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Tgt Ion:105 Resp: 200175

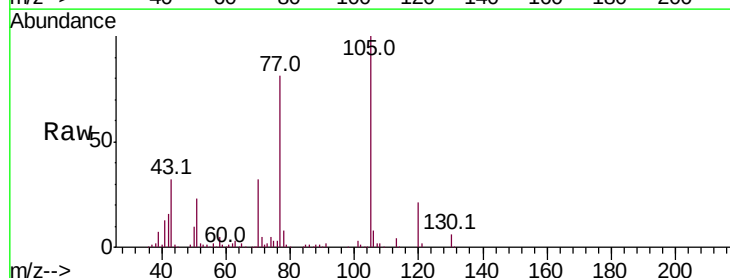
Ion Ratio Lower Upper

105 100

71 4.9 6.2 9.2#

51 22.5 21.8 32.6

120 21.1 16.7 25.1

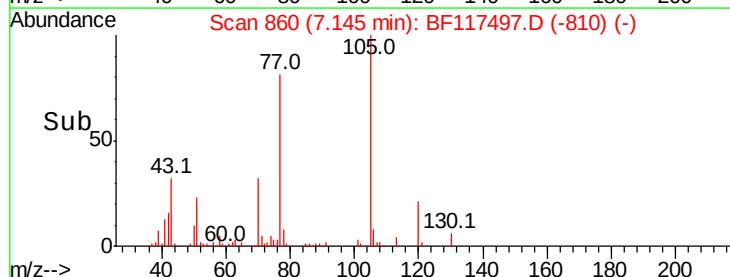


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Abundance

7.15

200000

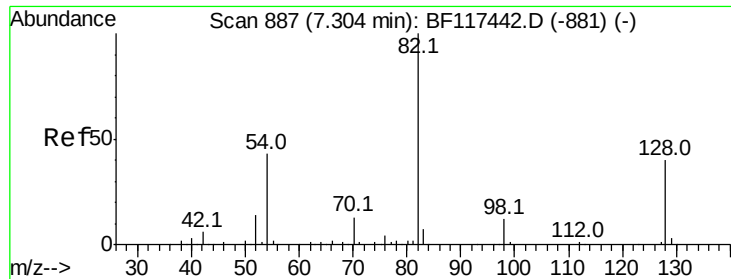
150000

100000

50000

0

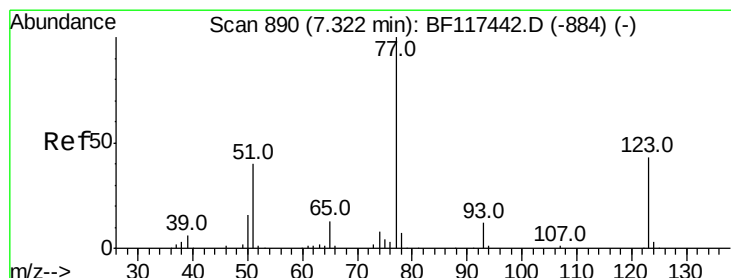
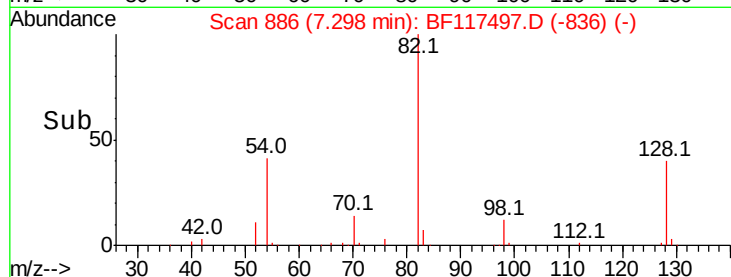
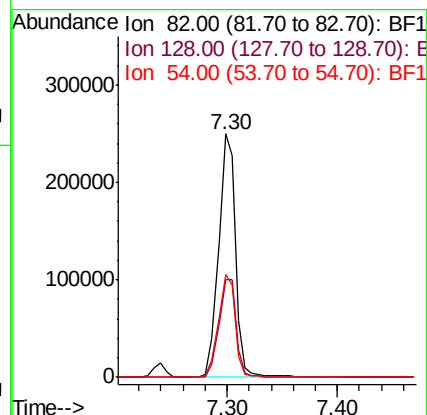
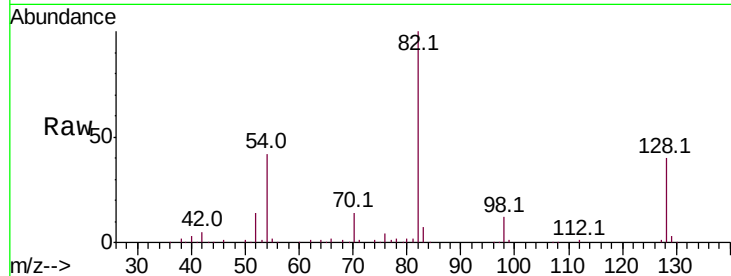
Time-->



#23
 Nitrobenzene-d5
 Concen: 72.639 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

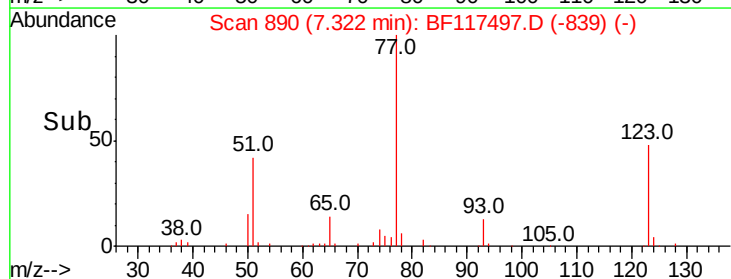
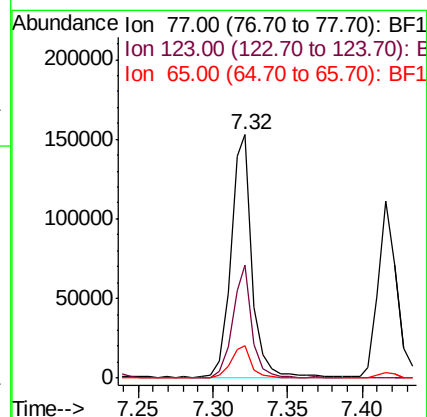
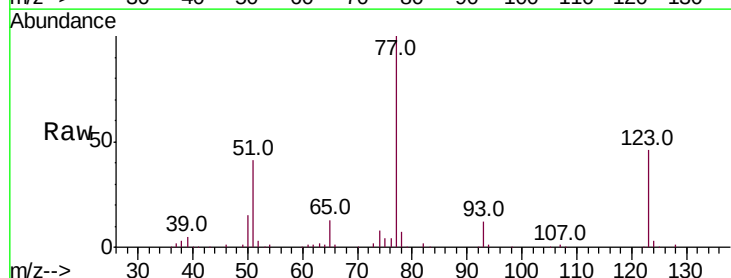
Instrument :
 BNA_F
 ClientSampleId :

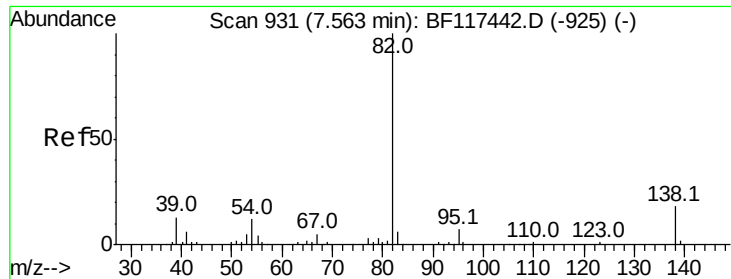
Tot Ion: 82 Resp: 264402
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.2 48.2
 54 42.1 34.2 51.2



#24
 Nitrobenzene
 Concen: 43.699 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion: 77 Resp: 152350
 Ion Ratio Lower Upper
 77 100
 123 46.3 34.2 51.2
 65 13.1 10.3 15.5





#25

Isophorone

Concen: 44.010 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

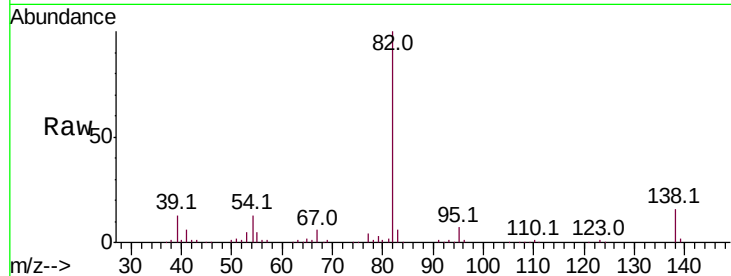
Tot Ion: 82 Resp: 277126

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

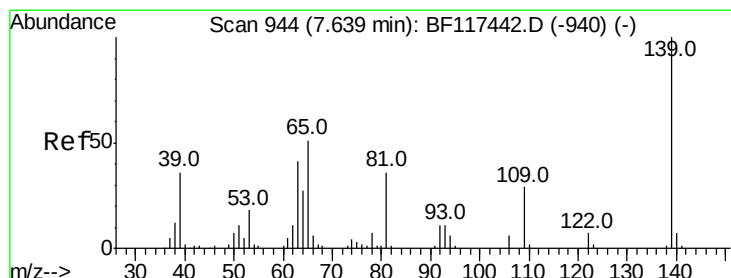
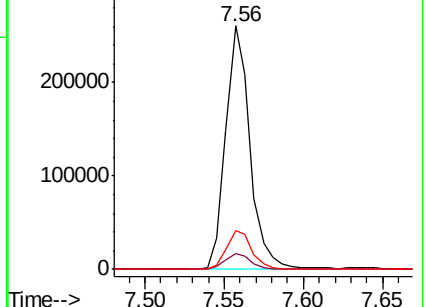
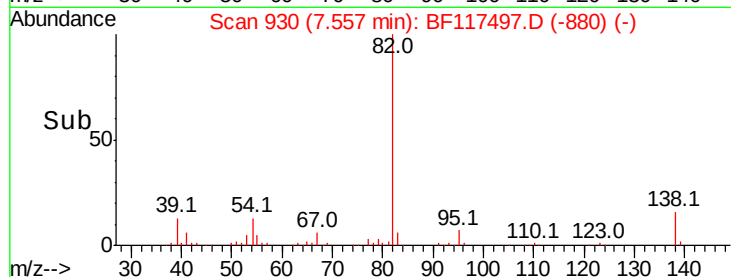
138 16.0 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.289 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

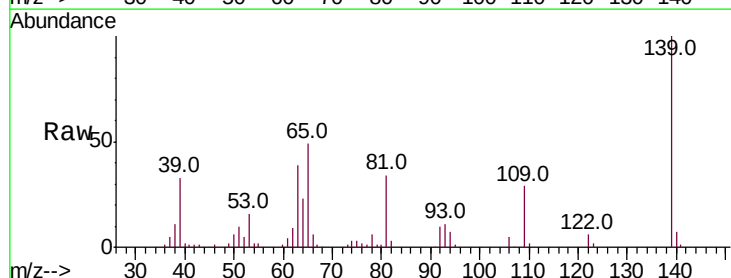
Tgt Ion:139 Resp: 70420

Ion Ratio Lower Upper

139 100

109 28.6 23.2 34.8

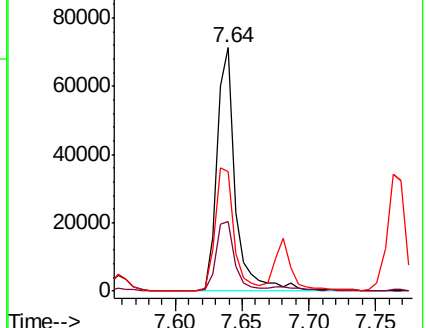
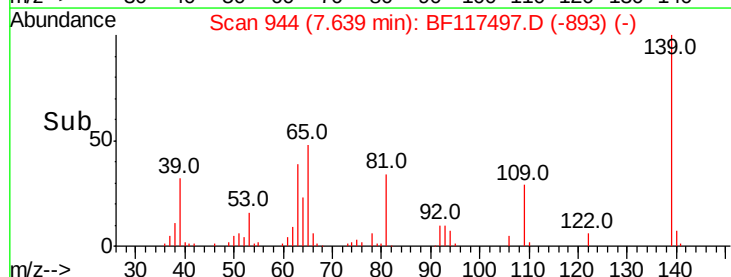
65 48.9 41.1 61.7

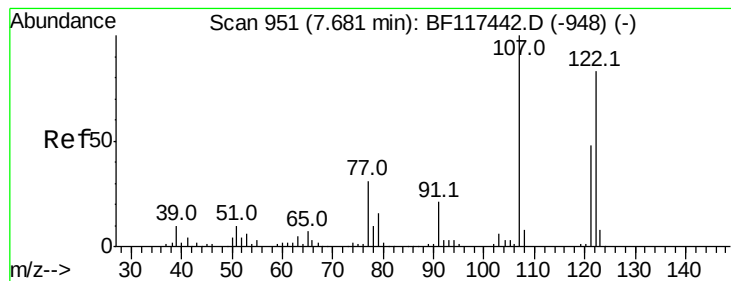


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

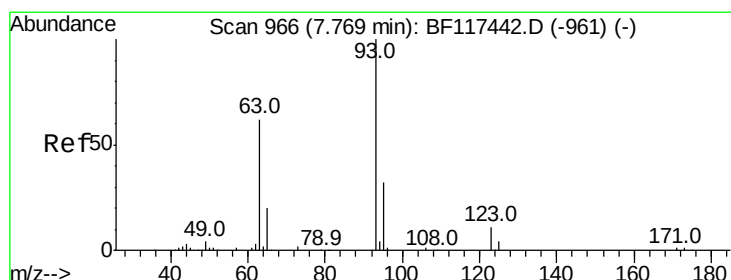
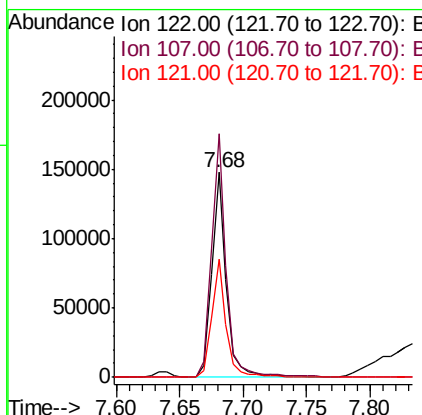
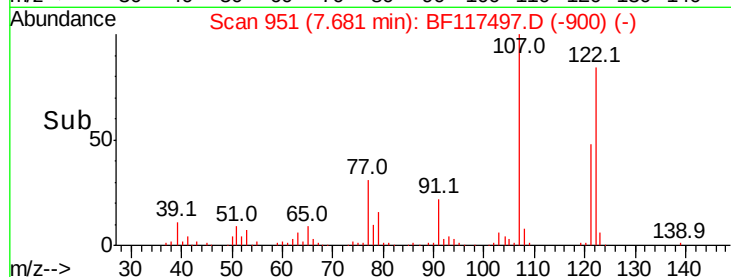
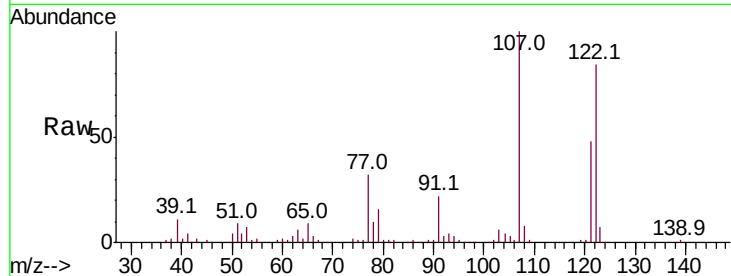




#27
 2,4-Dimethylphenol
 Concen: 51.786 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

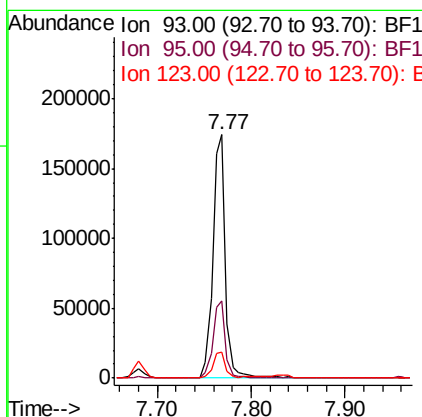
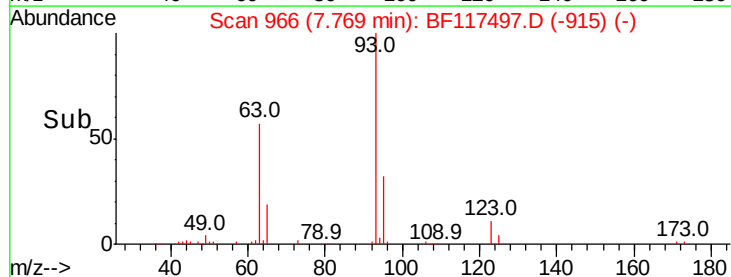
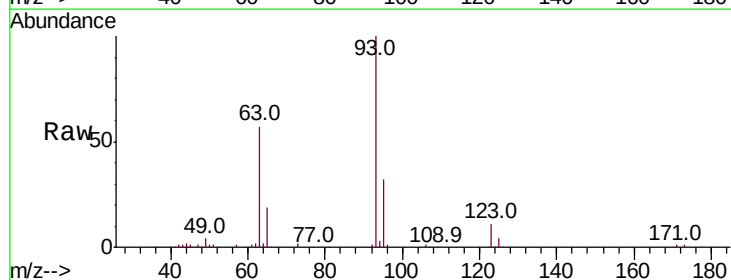
Instrument :
 BNA_F
 ClientSampled :

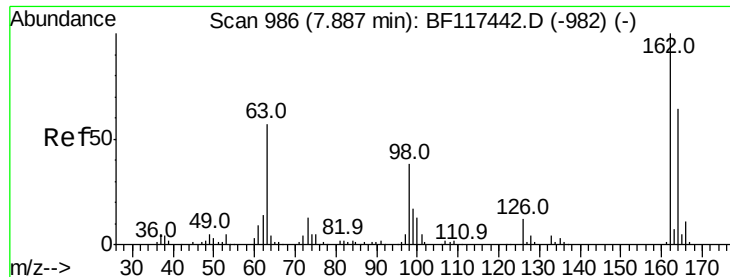
Tot Ion	Ratio	Lower	Upper
122	100		
107	118.9	96.8	145.2
121	57.5	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.712 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.5	38.3
123	10.9	9.0	13.6

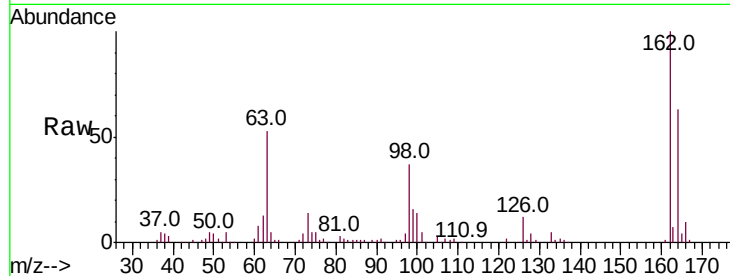




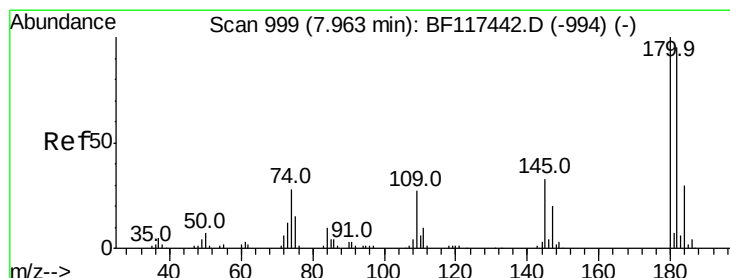
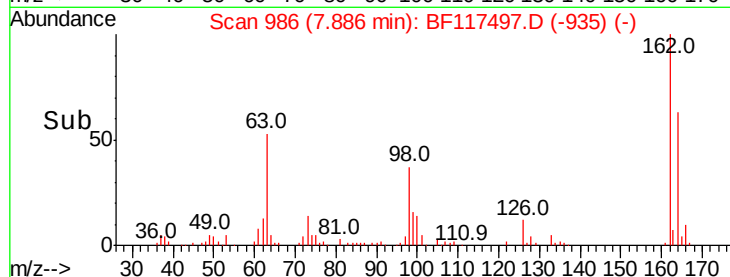
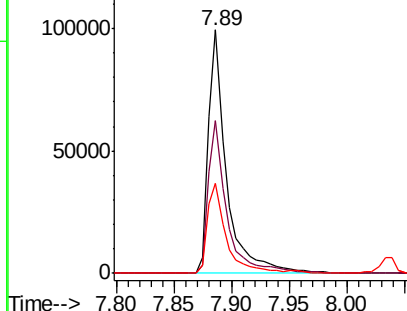
#29
 2,4-Dichlorophenol
 Concen: 44.489 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.4	84.4
98	37.2	18.2	58.2

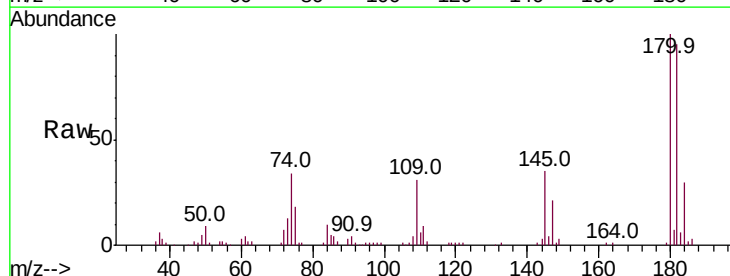


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

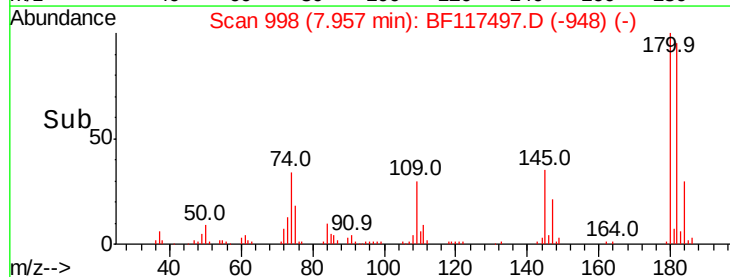
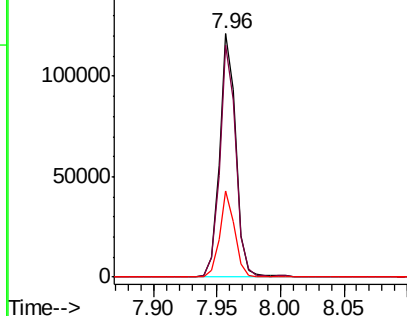


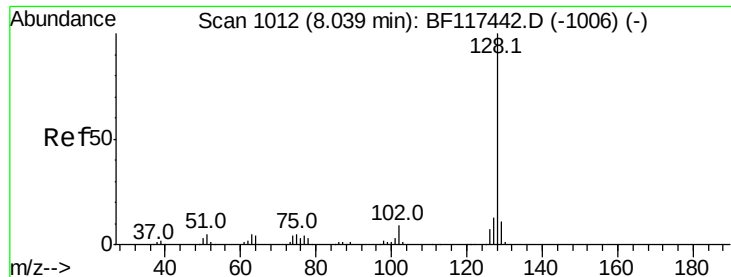
#30
 1,2,4-Trichlorobenzene
 Concen: 41.915 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.8
145	35.2	26.5	39.7



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

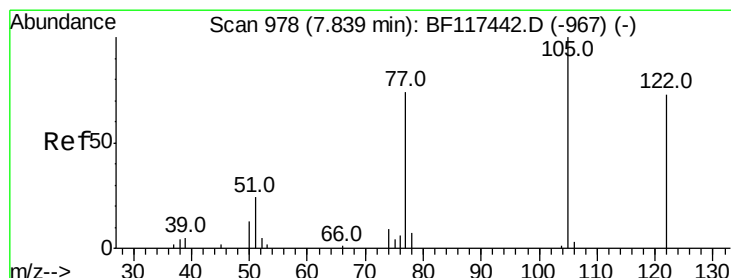
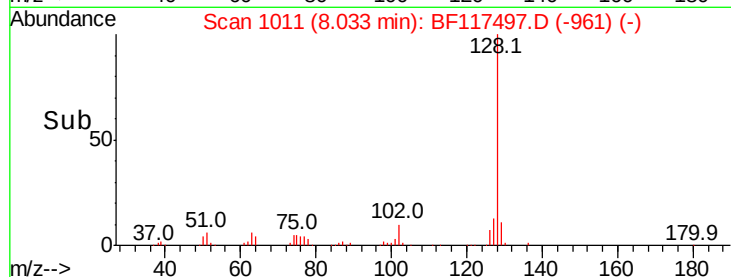
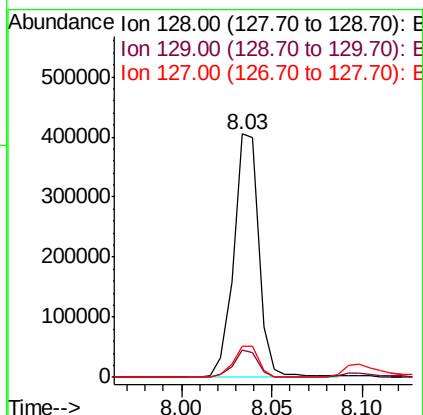
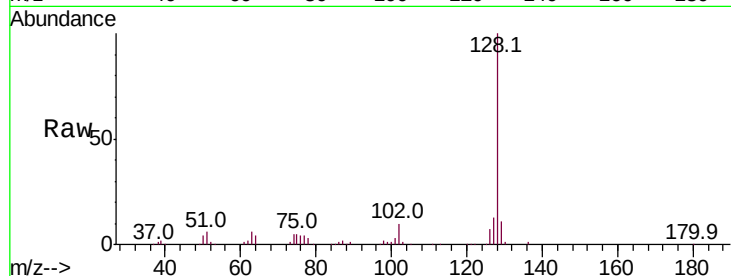




#31
Naphthalene
Concen: 44.272 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

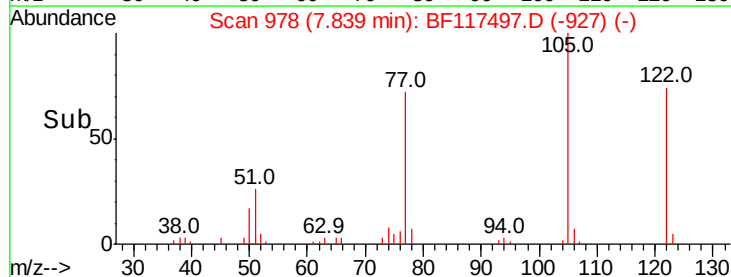
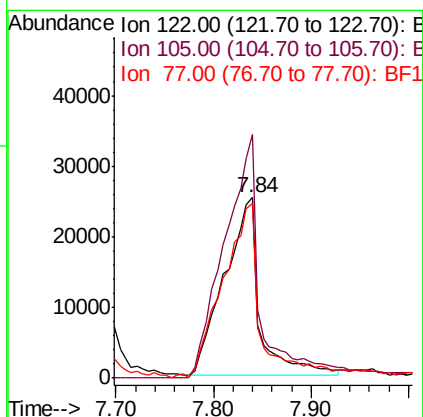
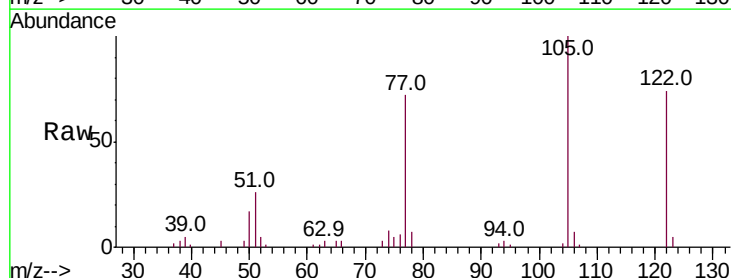
Instrument :
BNA_F
ClientSampled :

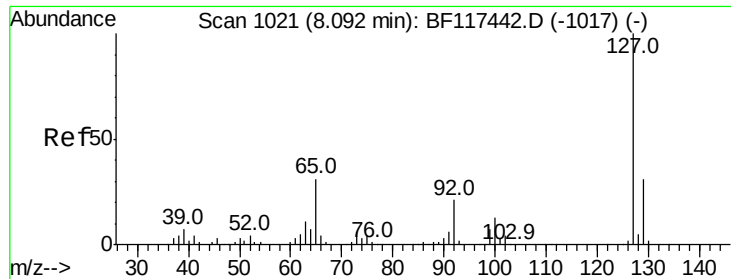
Tot Ion:128 Resp: 394329
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 12.7 10.2 15.2



#32
Benzoic acid
Concen: 39.472 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:122 Resp: 62825
Ion Ratio Lower Upper
122 100
105 134.9 115.0 155.0
77 97.0 79.7 119.7

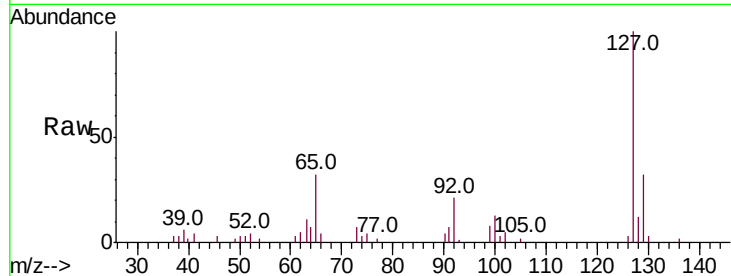




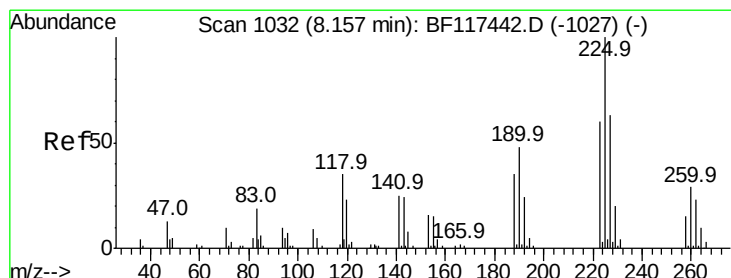
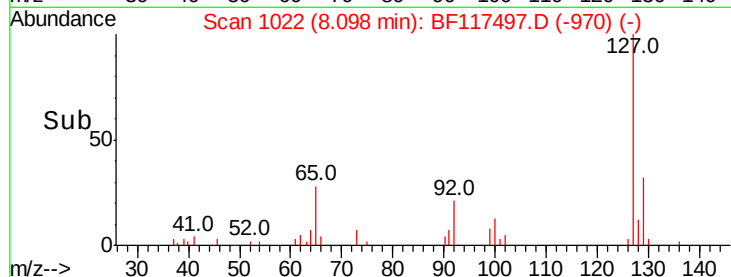
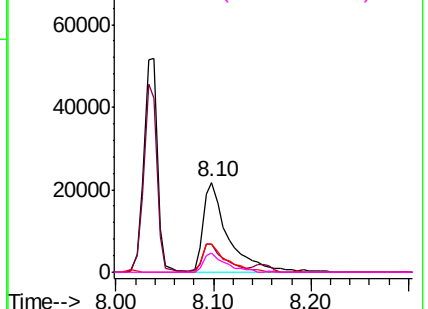
#33
4-Chloroaniline
Concen: 10.346 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	38890
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.8	37.2
65	31.6	24.6	37.0
92	20.9	16.5	24.7

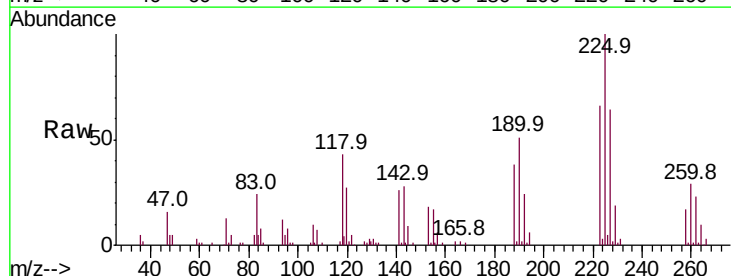


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

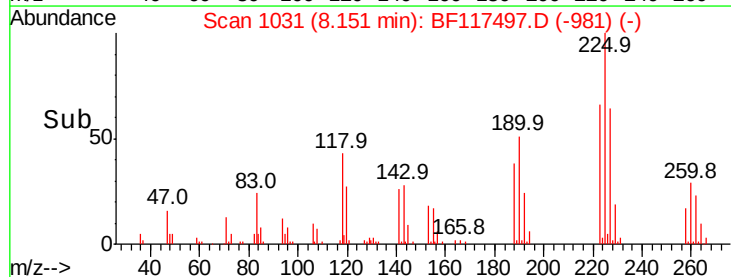
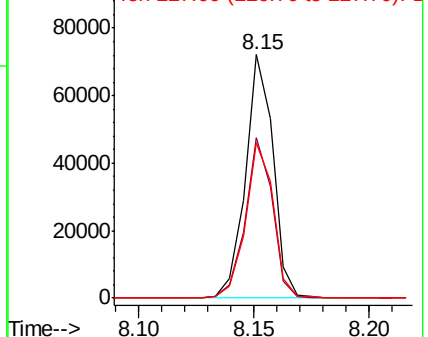


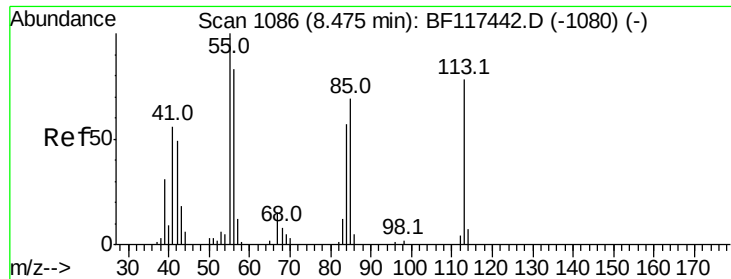
#34
Hexachlorobutadiene
Concen: 39.801 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:	225	Resp:	60256
Ion	Ratio	Lower	Upper
225	100		
223	65.7	48.2	72.4
227	63.9	50.2	75.4



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

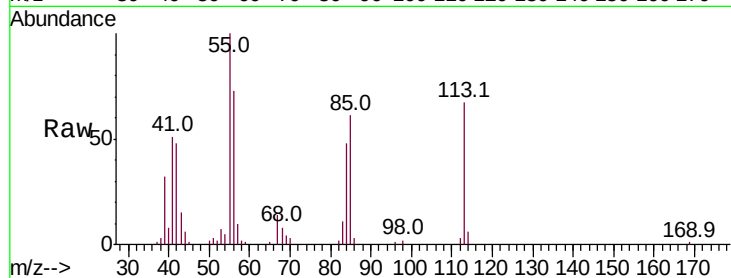




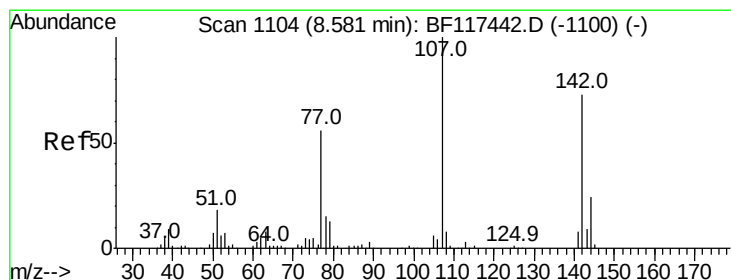
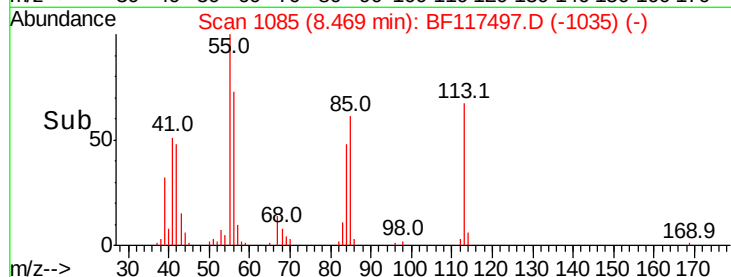
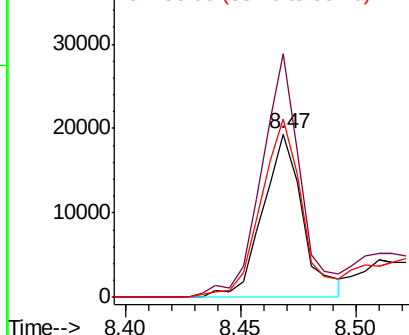
#35
Caprolactam
Concen: 29.895 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 23407
Ion Ratio Lower Upper
113 100
55 149.0 108.8 148.8#
56 109.4 87.2 127.2

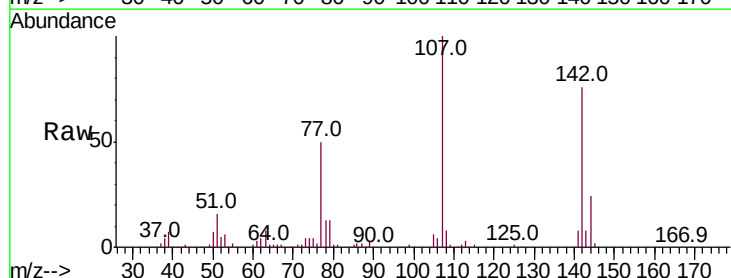


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

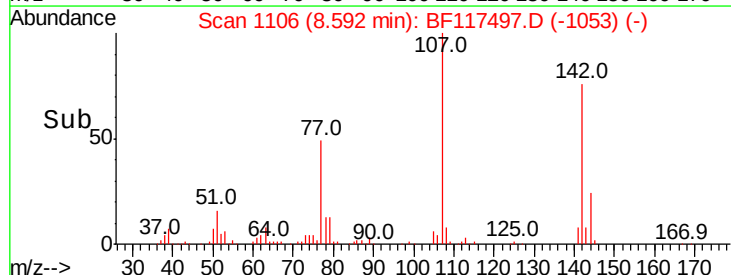
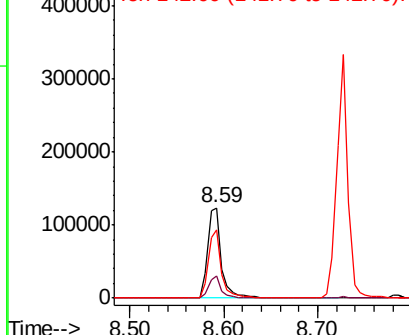


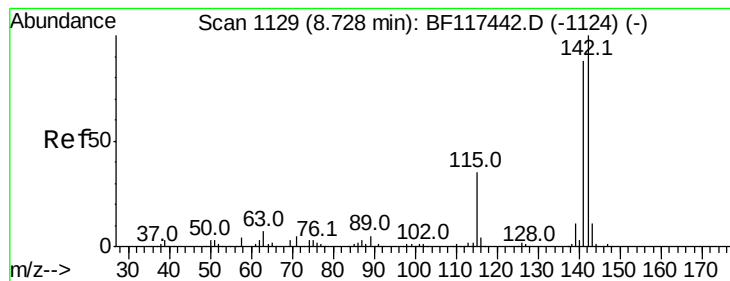
#36
4-Chloro-3-methylphenol
Concen: 46.005 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:107 Resp: 127881
Ion Ratio Lower Upper
107 100
144 24.4 18.9 28.3
142 75.8 58.6 88.0



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





#37

2-Methylnaphthalene

Concen: 45.485 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

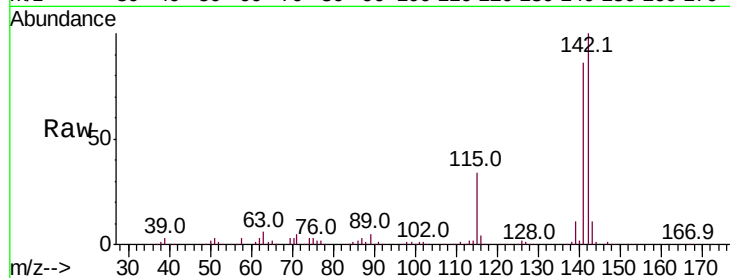
Tot Ion:142 Resp: 272989

Ion Ratio Lower Upper

142 100

141 86.1 70.3 105.5

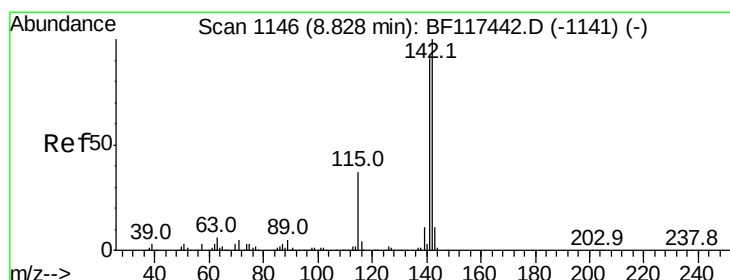
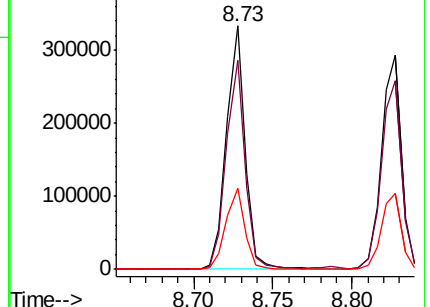
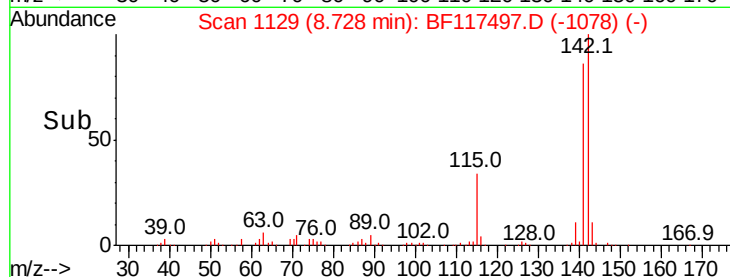
115 33.5 28.2 42.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.043 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

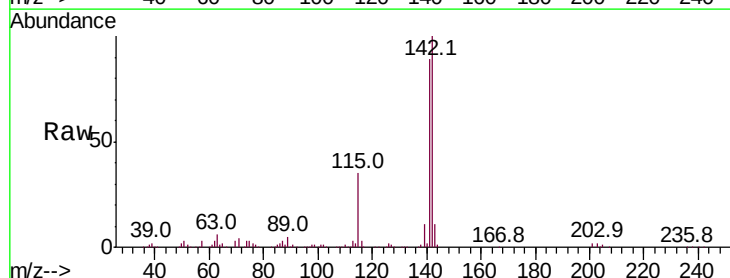
Tgt Ion:142 Resp: 254030

Ion Ratio Lower Upper

142 100

141 88.5 73.3 109.9

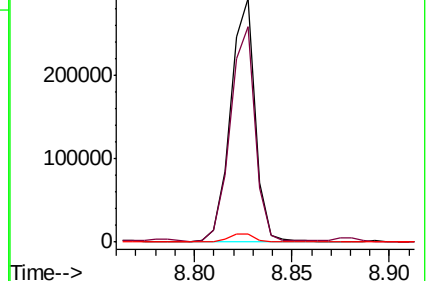
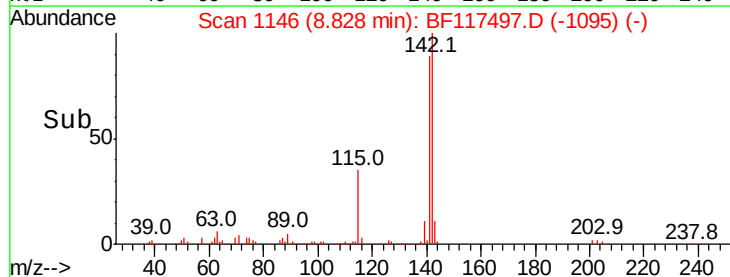
116 3.5 3.1 4.7

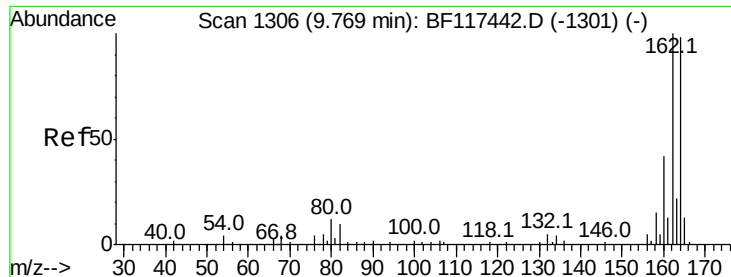


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

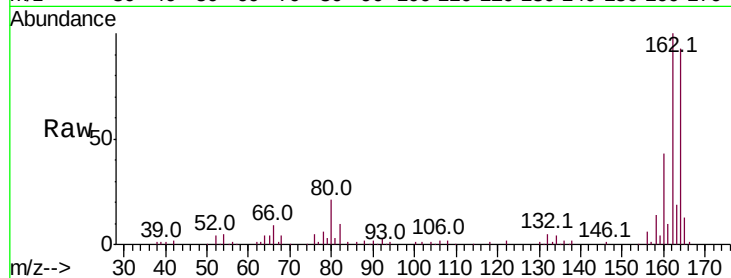
Tot Ion:164 Resp: 90550

Ion Ratio Lower Upper

164 100

162 107.2 81.8 122.6

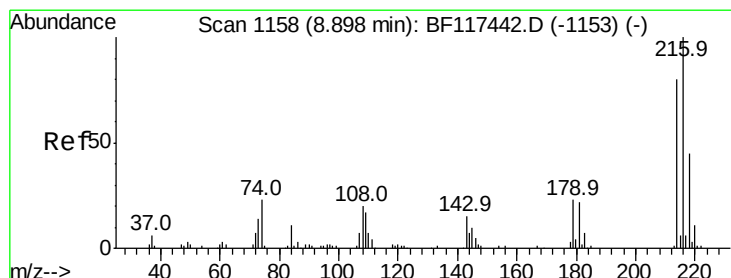
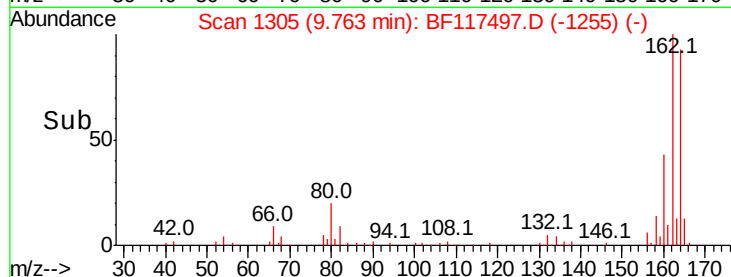
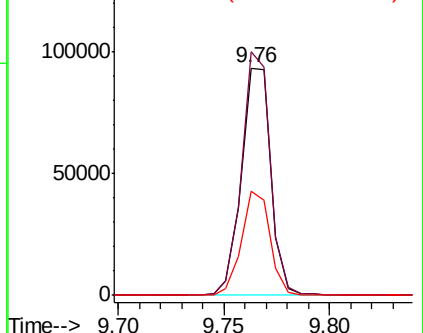
160 45.9 34.4 51.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.535 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Tgt Ion:216 Resp: 101299

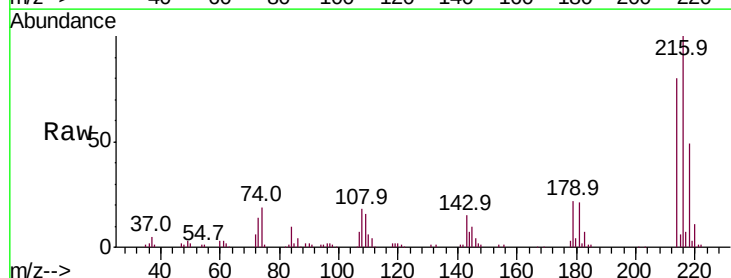
Ion Ratio Lower Upper

216 100

214 78.8 62.4 93.6

179 23.7 18.1 27.1

108 21.4 16.6 24.8

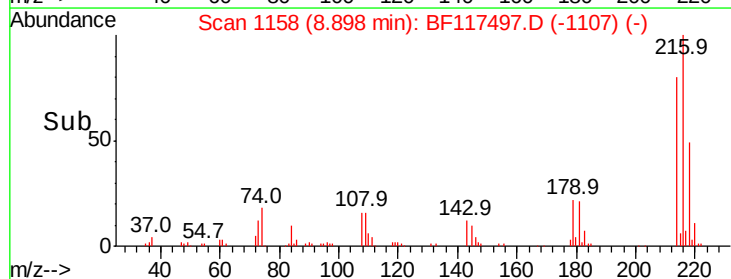
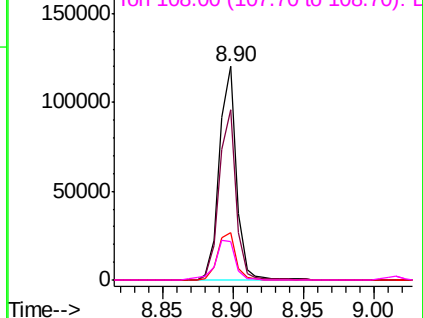


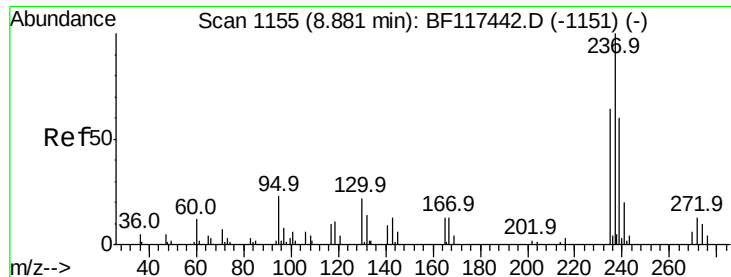
Abundance Ion 216.00 (215.70 to 216.70): E

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

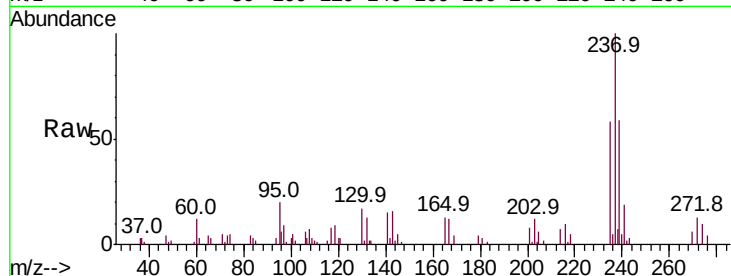




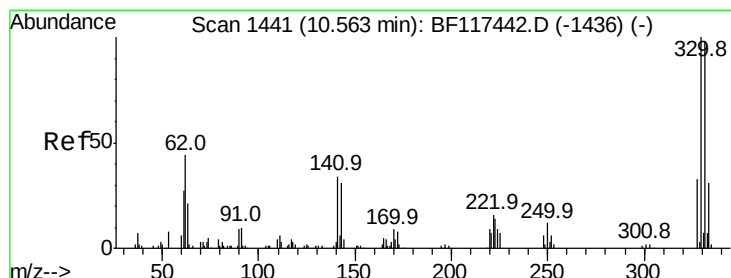
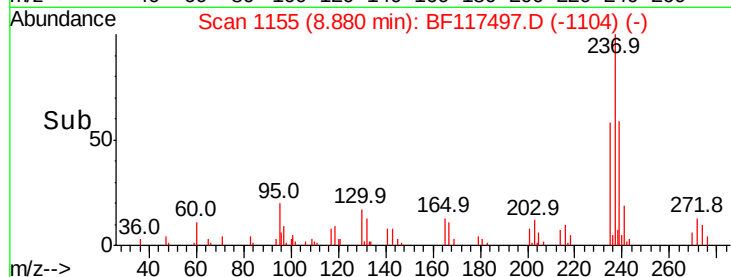
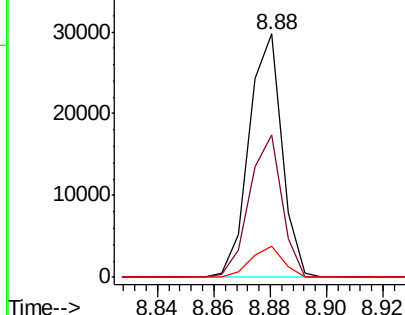
#41
Hexachlorocyclopentadiene
Concen: 47.056 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	58.3	44.3	84.3
272	12.6	0.0	33.2

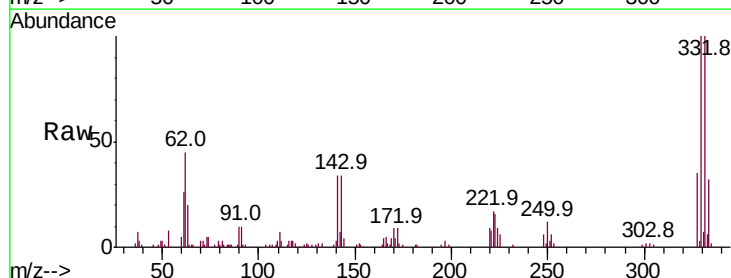


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

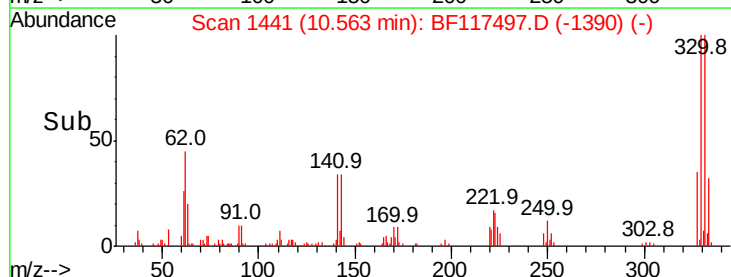
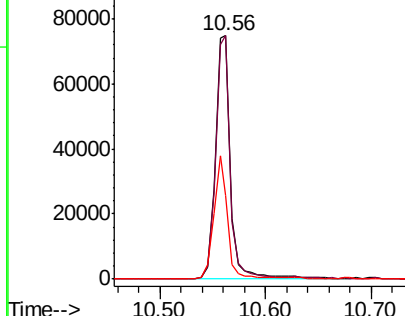


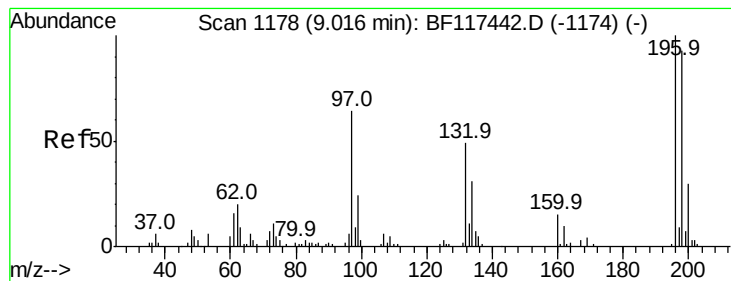
#42
2,4,6-Tribromophenol
Concen: 97.976 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.5	117.7
141	45.5	37.0	55.6



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

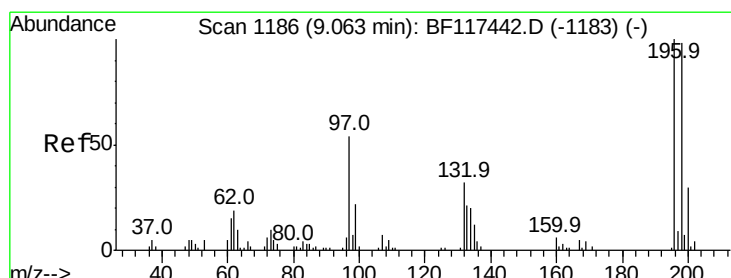
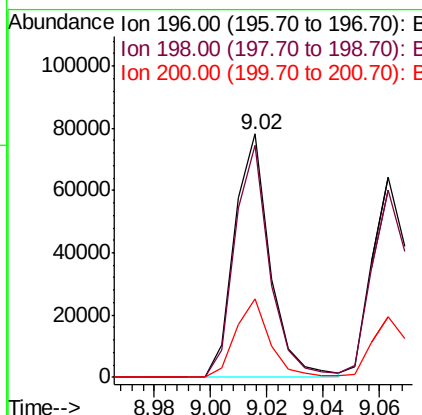
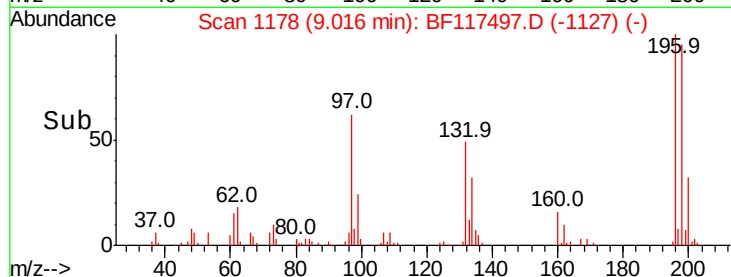
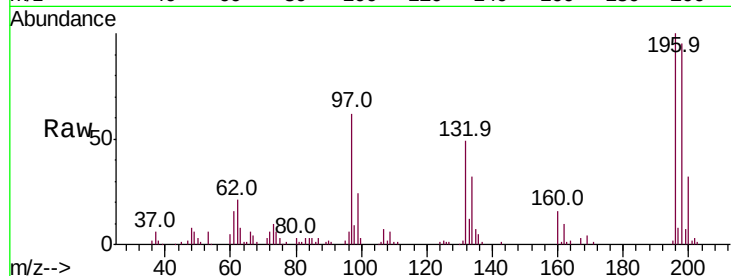




#43
 2,4,6-Trichlorophenol
 Concen: 44.685 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

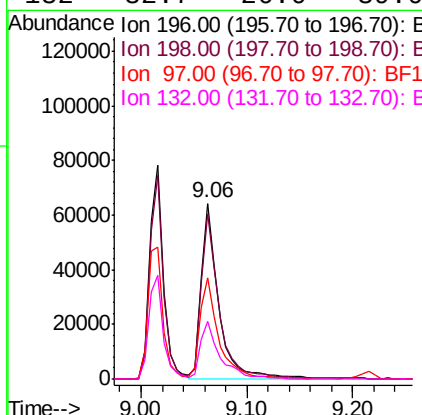
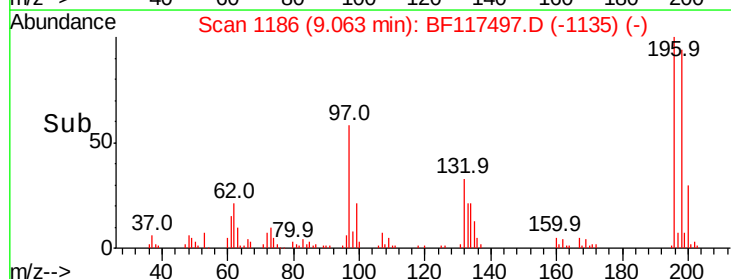
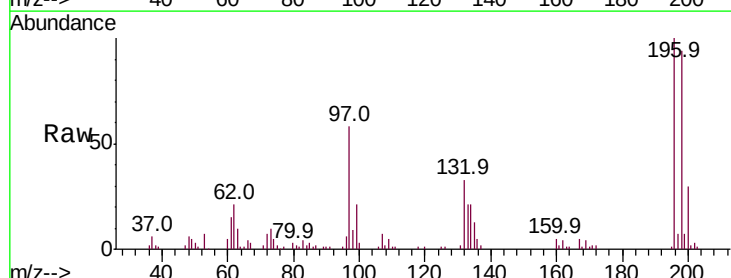
Instrument :
 BNA_F
 ClientSampled :

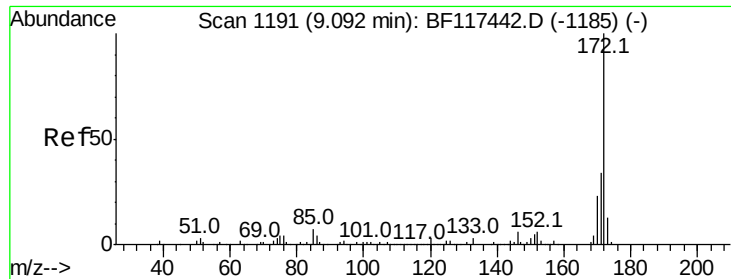
Tot Ion:196	Resp:	68247	
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.1	111.1
200	32.3	23.9	35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.101 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt	Ion:196	Resp:	74443
Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.6	117.8
97	57.8	43.4	65.2
132	32.7	26.0	39.0

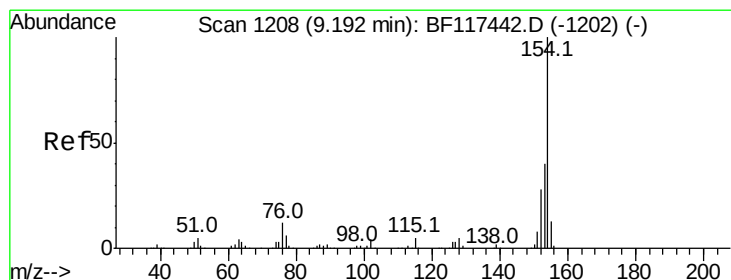
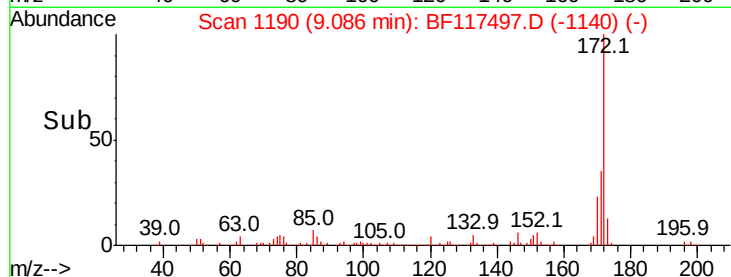
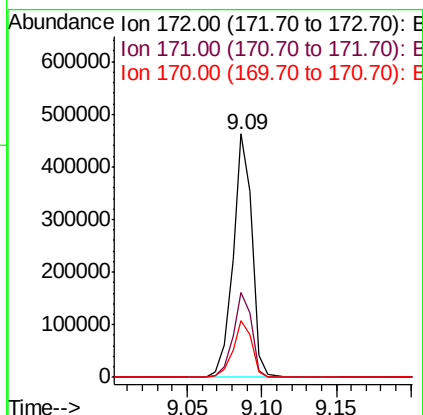
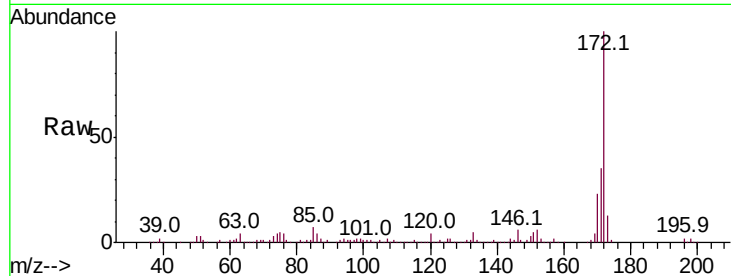




#45
2-Fluorobiphenyl
Concen: 64.228 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

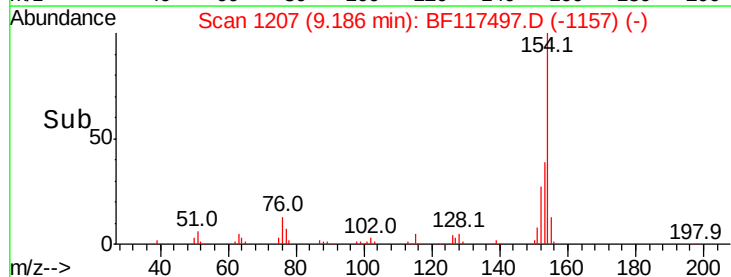
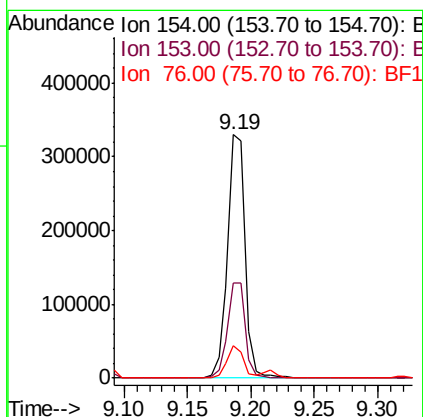
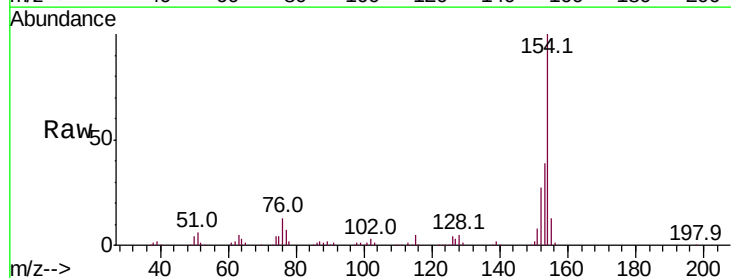
Instrument :
BNA_F
ClientSampleId :

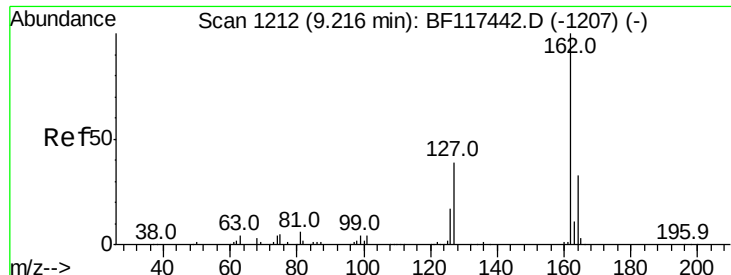
Tot Ion:172 Resp: 412766
Ion Ratio Lower Upper
172 100
171 35.0 27.5 41.3
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 42.007 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:154 Resp: 314898
Ion Ratio Lower Upper
154 100
153 38.8 20.2 60.2
76 13.5 0.0 32.1

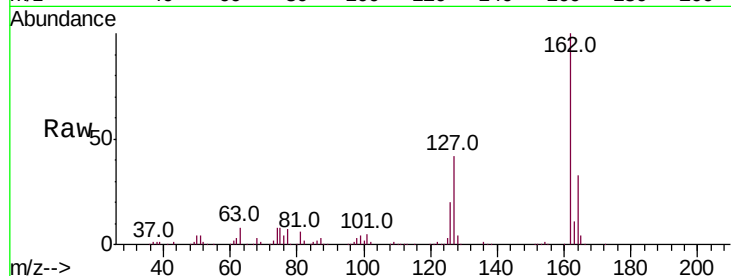




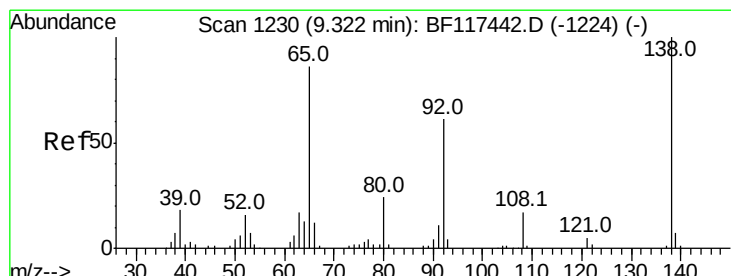
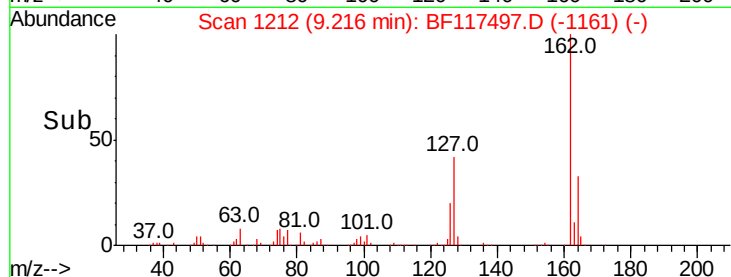
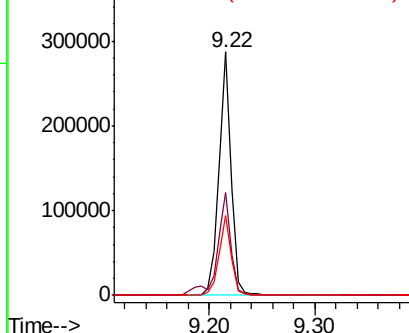
#47
2-Chloronaphthalene
Concen: 42.564 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.2	34.2	51.4
164	32.8	26.4	39.6

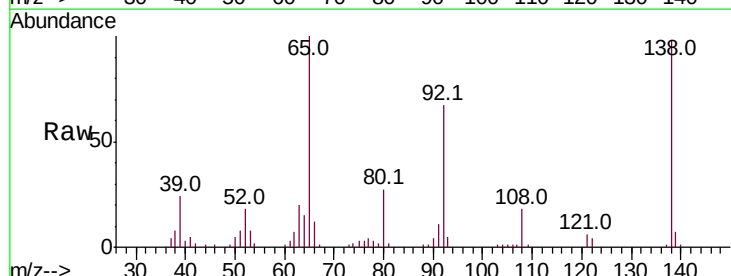


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

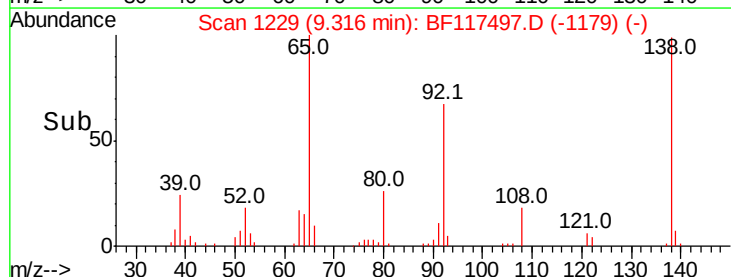
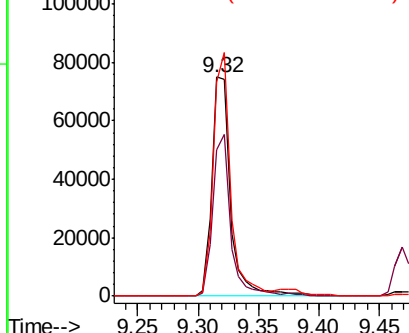


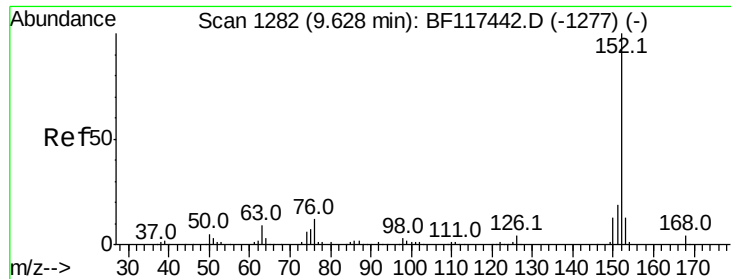
#48
2-Nitroaniline
Concen: 42.787 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	57.3	85.9
138	98.1	93.3	139.9



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: 45.158 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

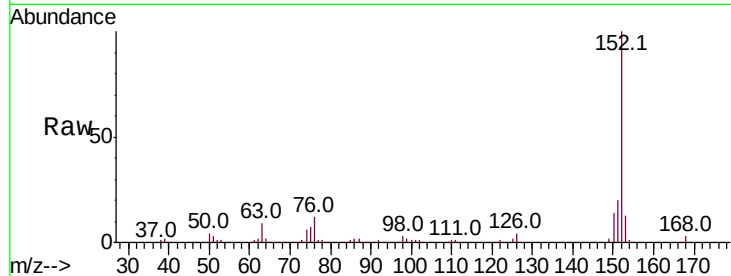
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 374902

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.0
153	12.8	10.3	15.5

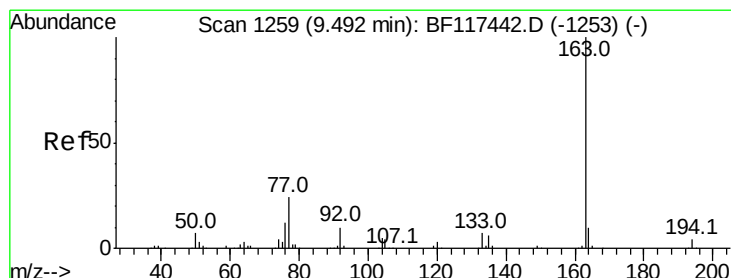
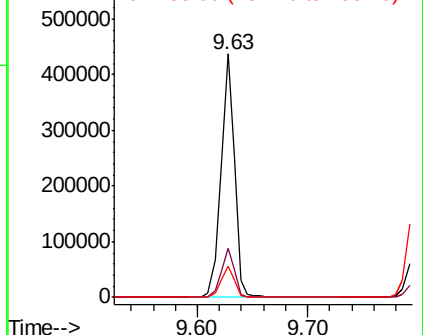
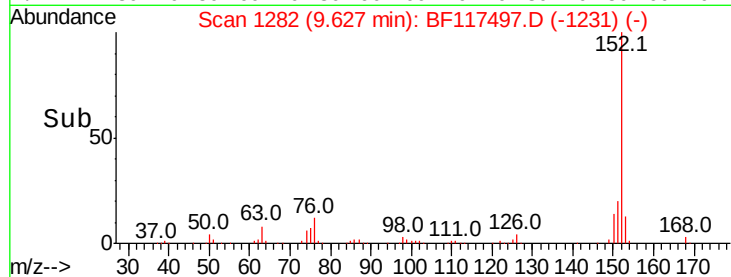


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 59.934 ng

RT: 9.49 min Scan# 1259

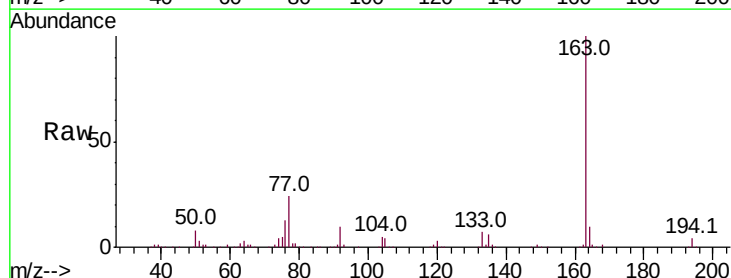
Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Tgt Ion:163 Resp: 386885

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	10.2	8.2	12.2

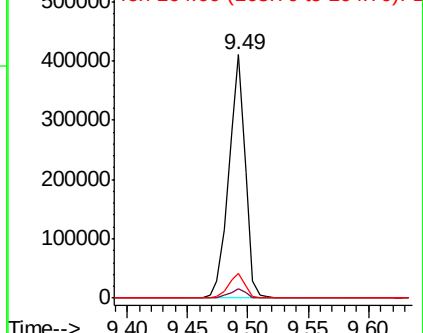
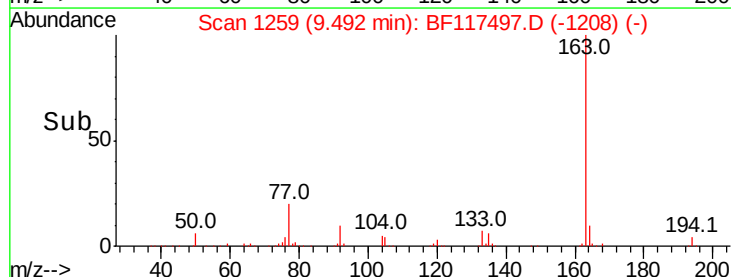


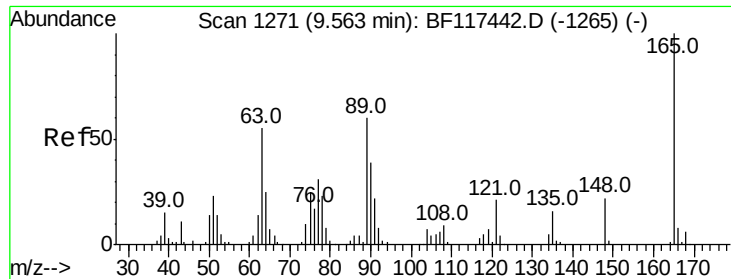
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

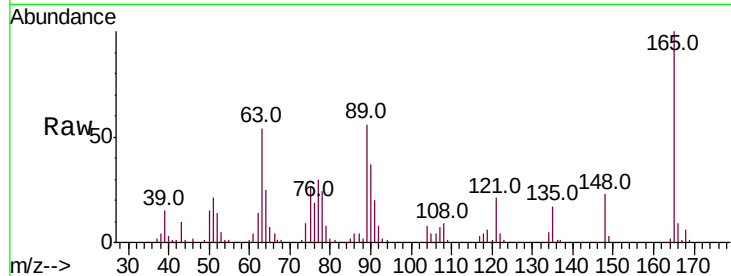




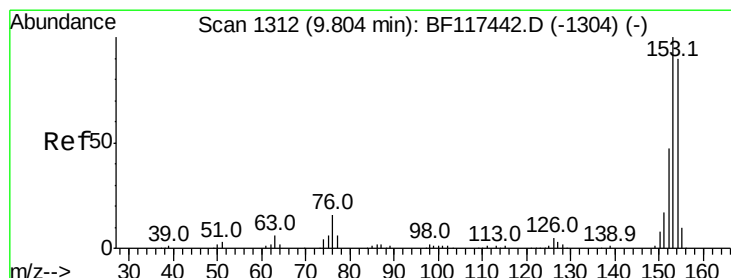
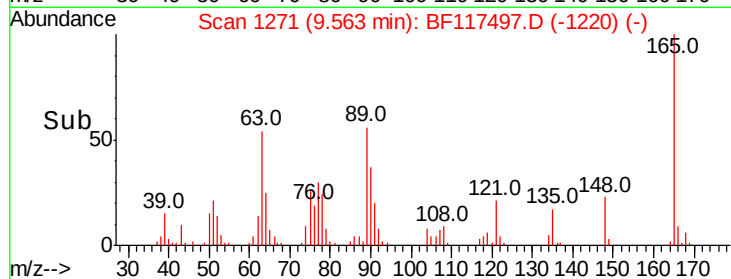
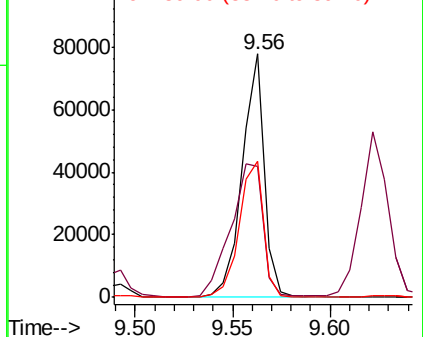
#51
 2,6-Dinitrotoluene
 Concen: 45.419 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 61182
 Ion Ratio Lower Upper
 165 100
 63 53.6 43.8 65.8
 89 55.9 47.6 71.4

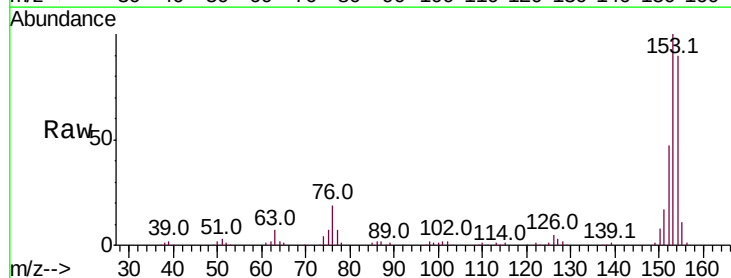


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

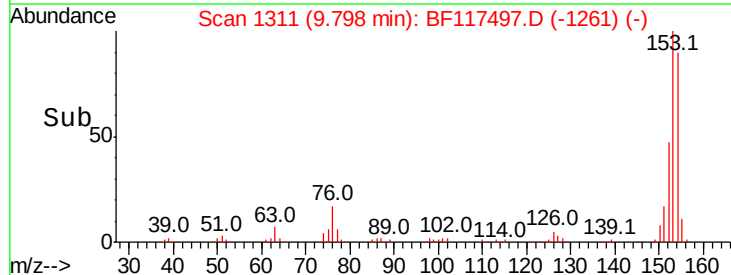
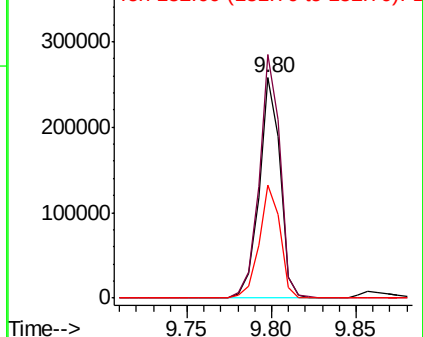


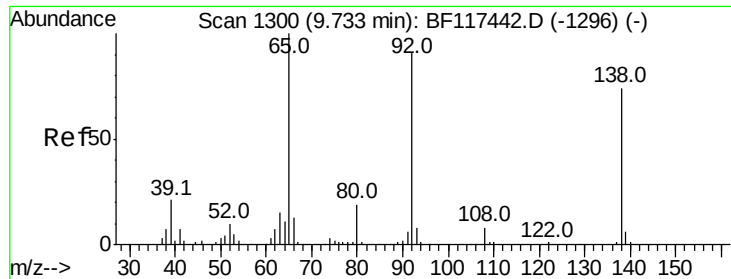
#52
 Acenaphthene
 Concen: 43.642 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion:154 Resp: 222289
 Ion Ratio Lower Upper
 154 100
 153 110.6 89.2 133.8
 152 51.5 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

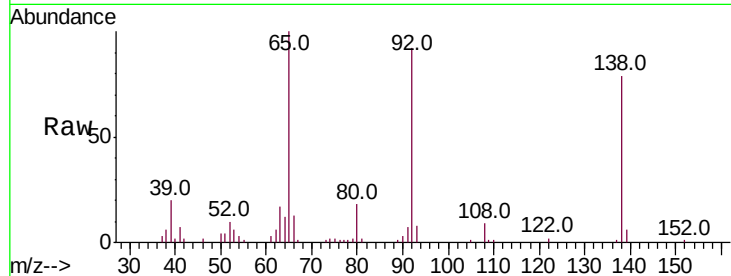




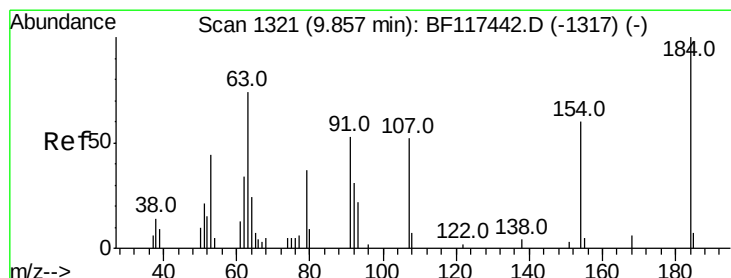
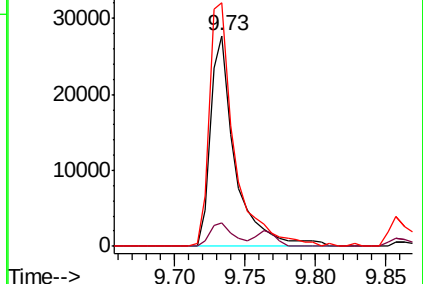
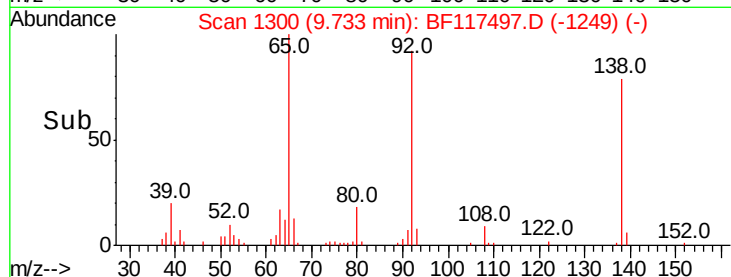
#53
3-Nitroaniline
Concen: 20.409 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 33357
Ion Ratio Lower Upper
138 100
108 11.1 8.7 13.1
92 115.5 98.4 147.6

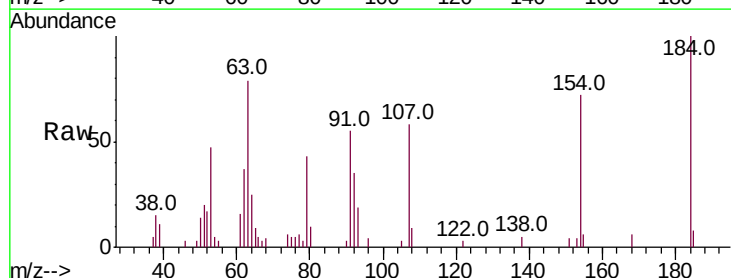


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

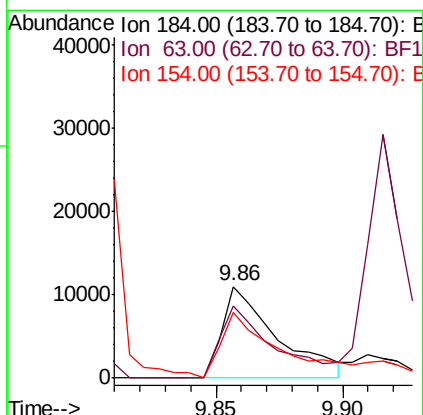
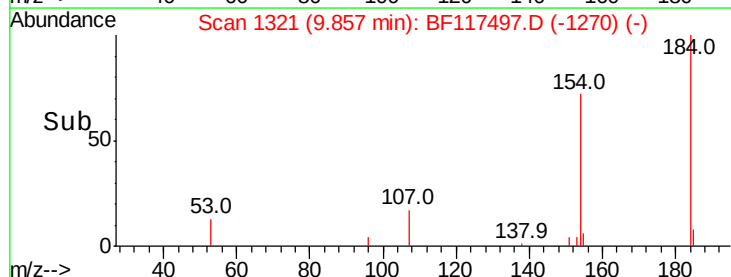


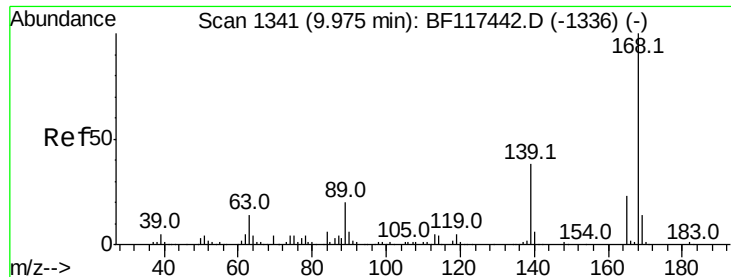
#54
2,4-Dinitrophenol
Concen: 32.309 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:184 Resp: 16419
Ion Ratio Lower Upper
184 100
63 78.9 59.2 88.8
154 71.5 53.4 80.0



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

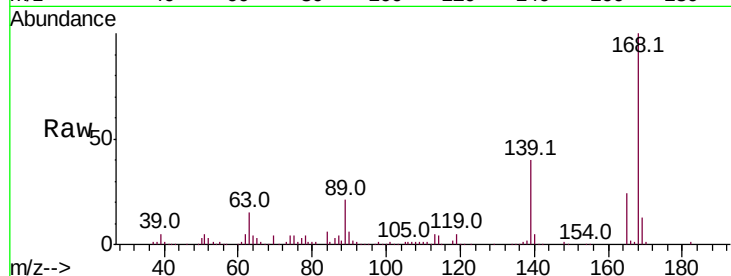




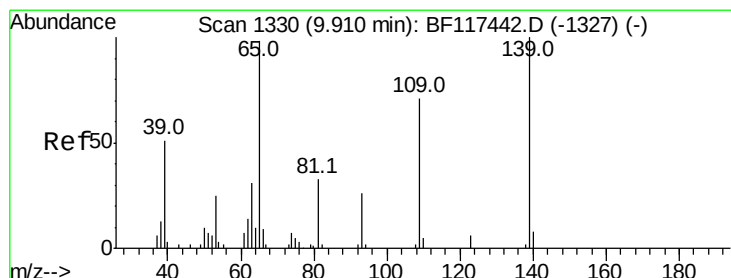
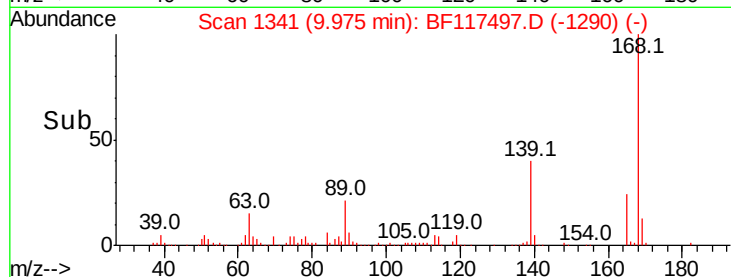
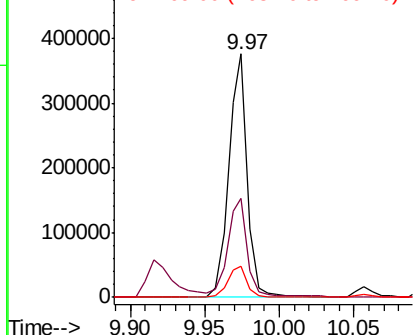
#55
Dibenzenofuran
Concen: 44.628 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 329333
Ion Ratio Lower Upper
168 100
139 40.5 31.8 47.6
169 12.8 11.2 16.8

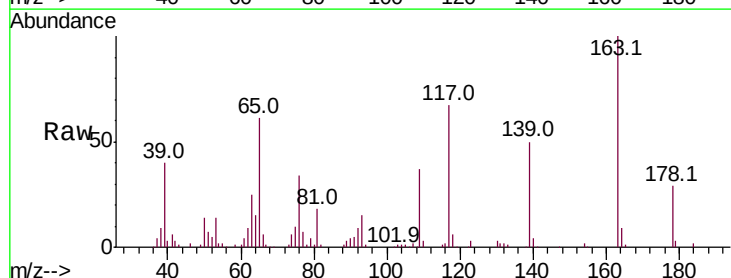


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

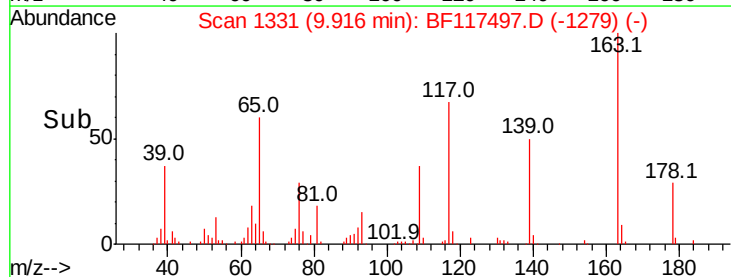
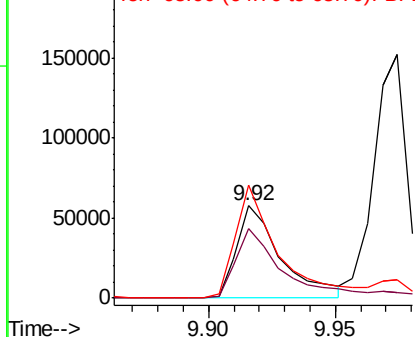


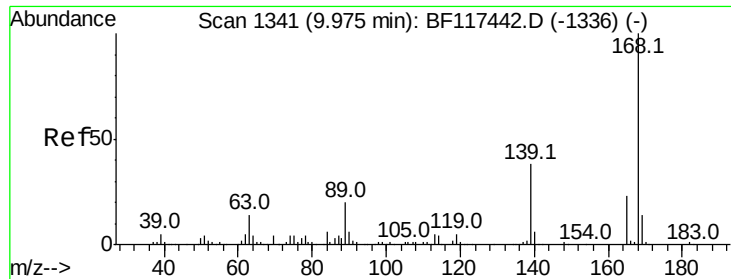
#56
4-Nitrophenol
Concen: 92.777 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:139 Resp: 70323
Ion Ratio Lower Upper
139 100
109 75.0 51.4 91.4
65 121.7 79.4 119.4#



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

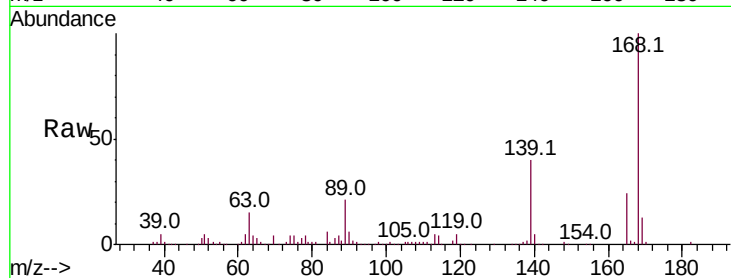




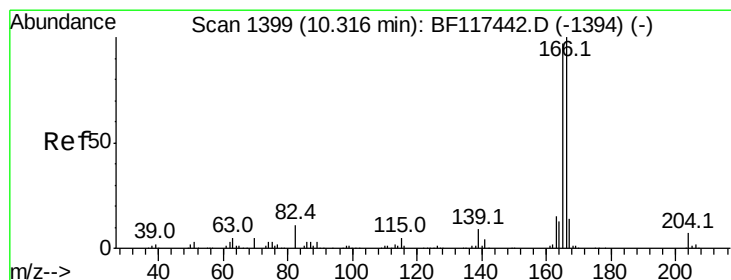
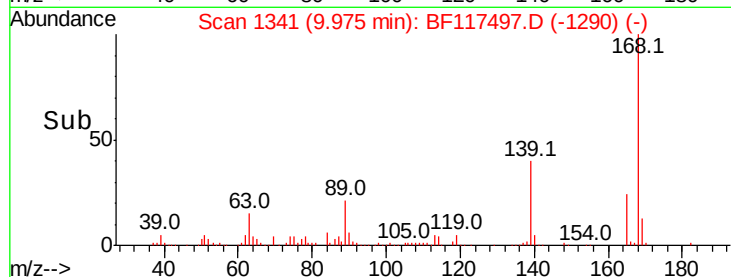
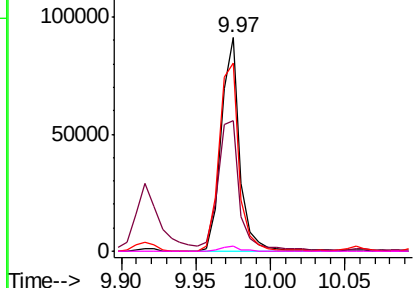
#57
2,4-Dinitrotoluene
Concen: 44.568 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 79819
Ion Ratio Lower Upper
165 100
63 61.0 51.4 77.0
89 87.8 69.9 104.9
182 2.3 1.9 2.9

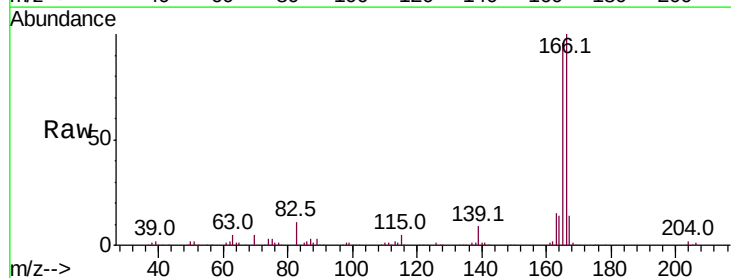


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

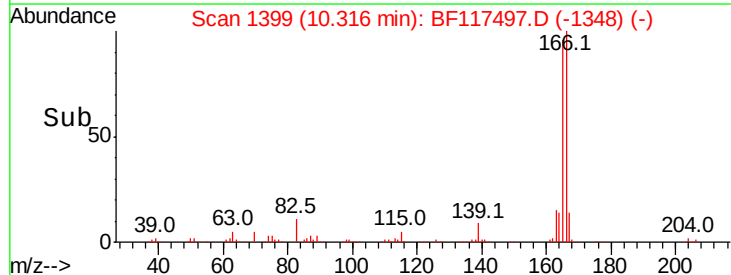
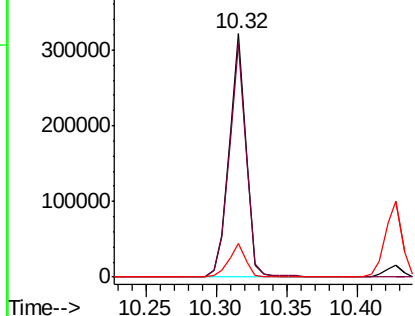


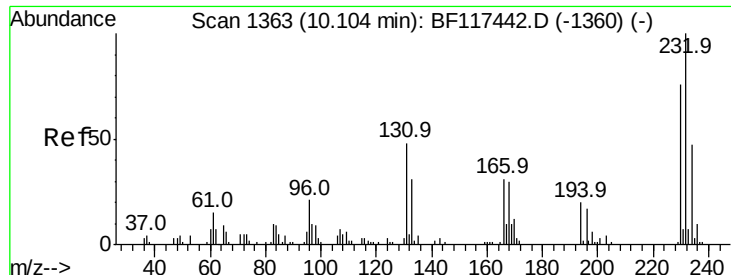
#58
Fluorene
Concen: 43.879 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:166 Resp: 267775
Ion Ratio Lower Upper
166 100
165 95.9 77.6 116.4
167 13.6 11.0 16.4



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

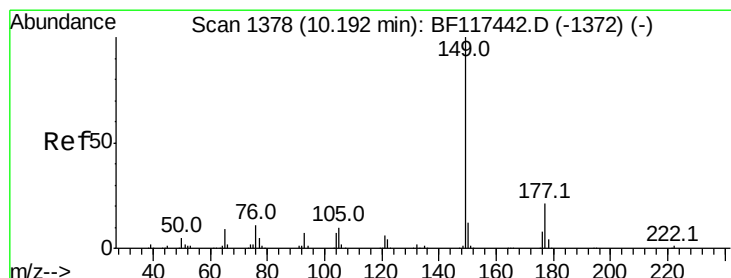
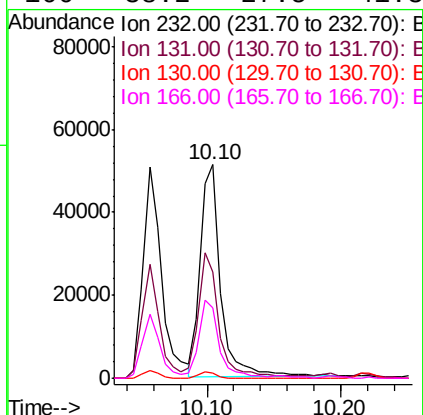
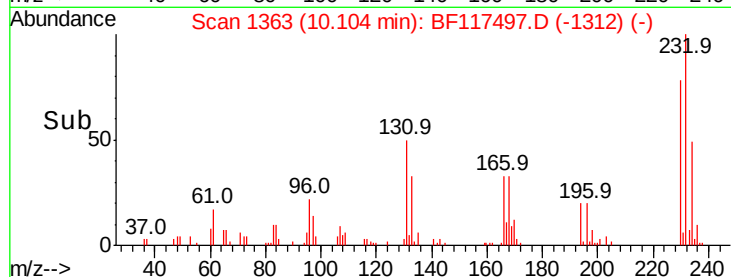
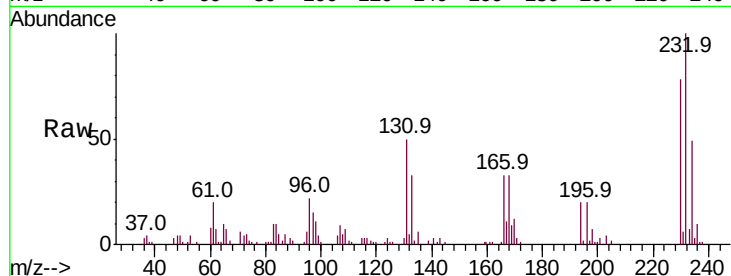




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.733 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

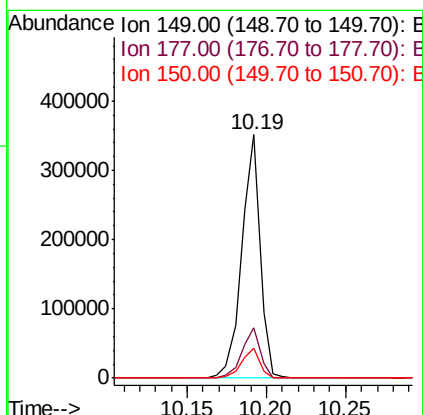
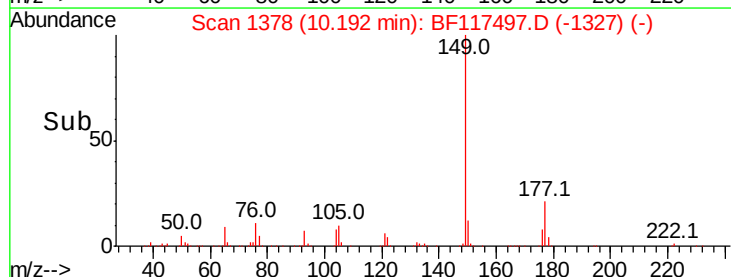
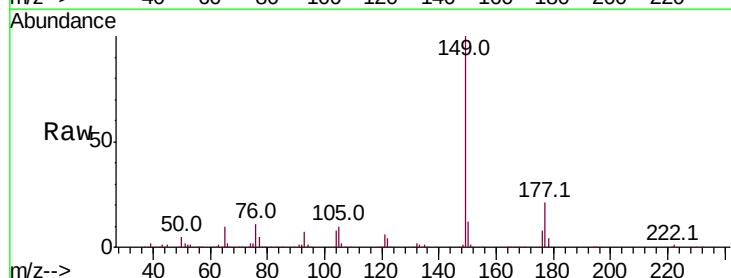
Instrument :
BNA_F
ClientSampleId :

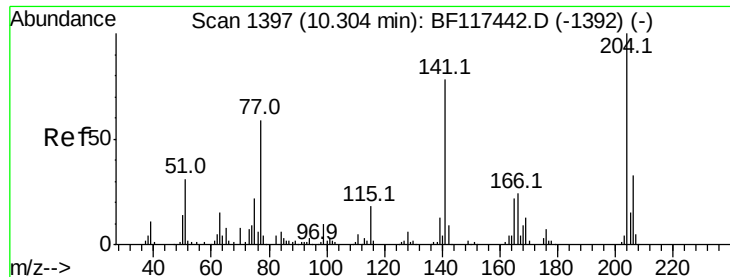
Tot Ion:232 Resp: 54412
Ion Ratio Lower Upper
232 100
131 59.8 42.6 63.8
130 2.4 2.2 3.4
166 38.2 27.5 41.3



#60
Diethylphthalate
Concen: 43.311 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:149 Resp: 282787
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.4
150 12.3 9.8 14.6

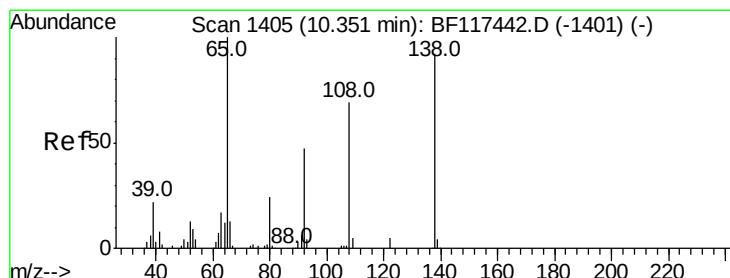
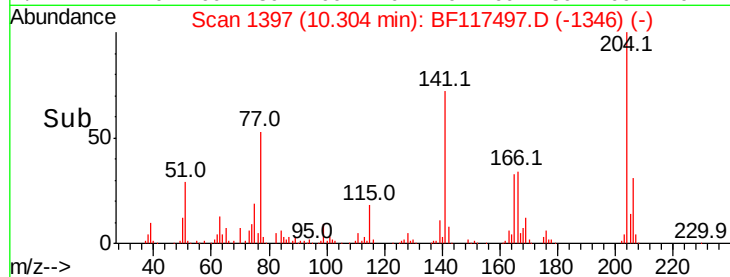
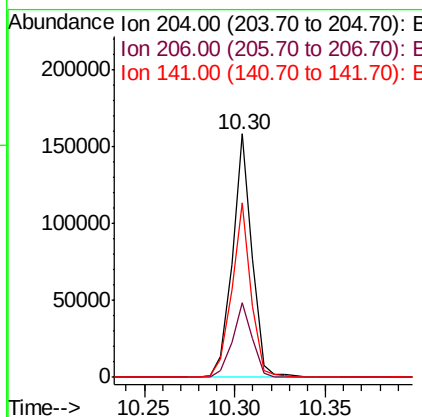
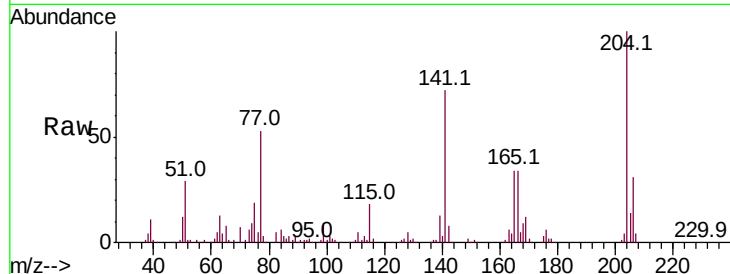




#61
 4-Chlorophenyl-phenylether
 Concen: 43.258 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

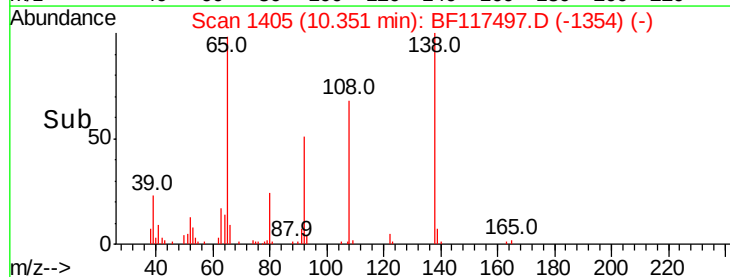
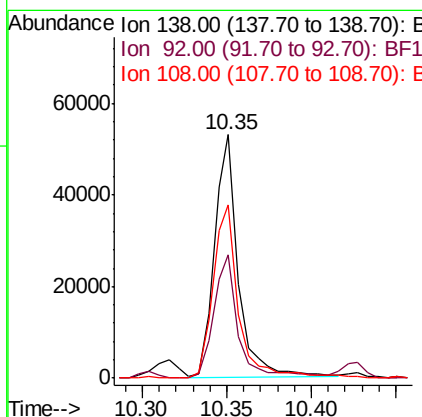
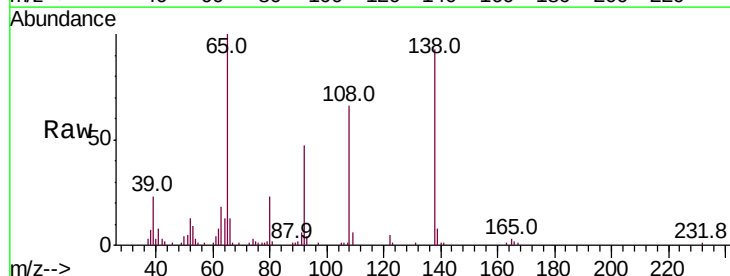
Instrument :
 BNA_F
 ClientSampled :

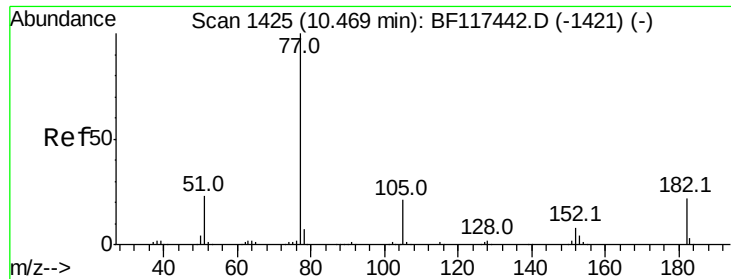
Tot Ion:	204	Resp:	118436
Ion	Ratio	Lower	Upper
204	100		
206	30.5	26.3	39.5
141	71.7	62.2	93.4



#62
 4-Nitroaniline
 Concen: 33.853 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion:	138	Resp:	52152
Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.3	70.3
108	71.1	54.9	94.9

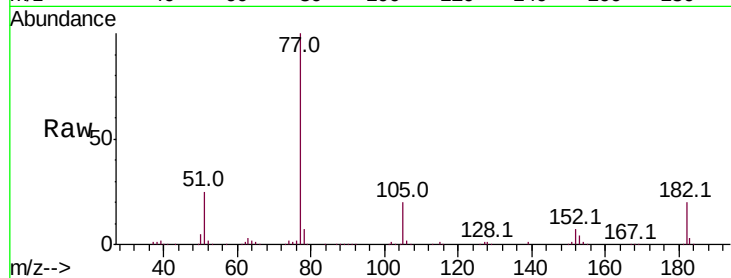




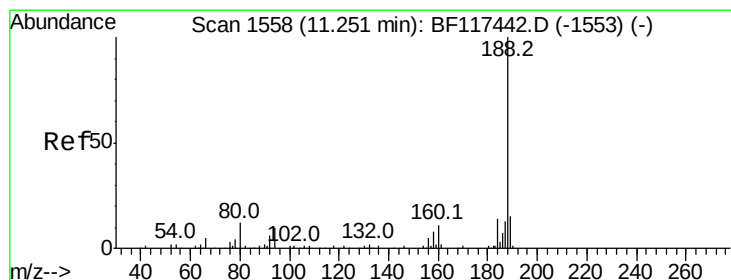
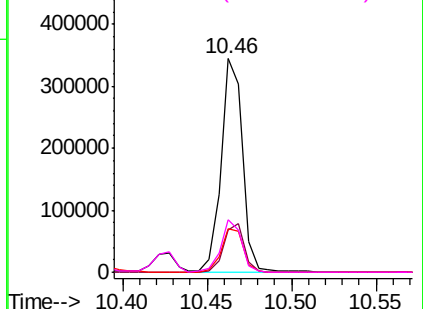
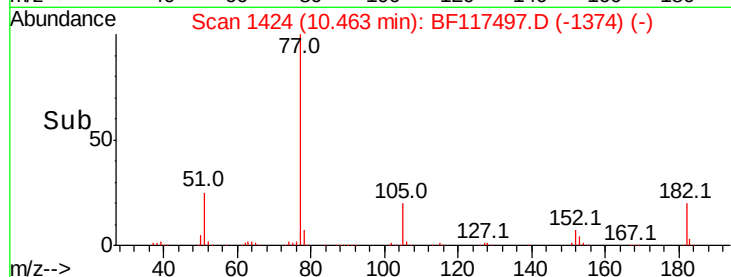
#63
Azobenzene
Concen: 45.095 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	19.9	2.3	42.3
105	20.4	1.3	41.3
51	24.6	3.5	43.5

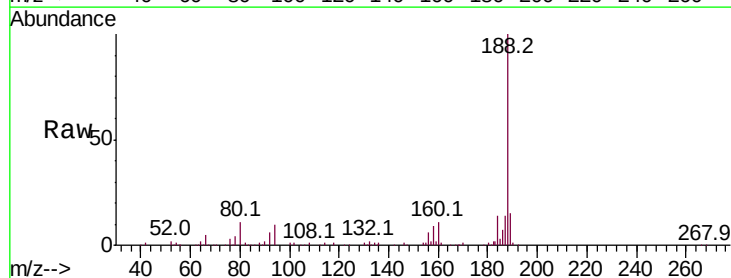


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

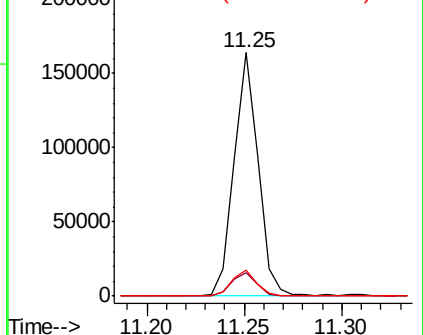
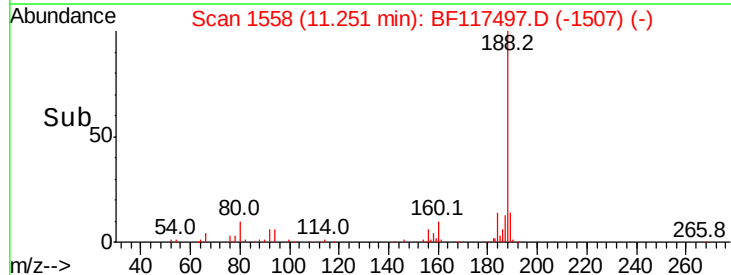


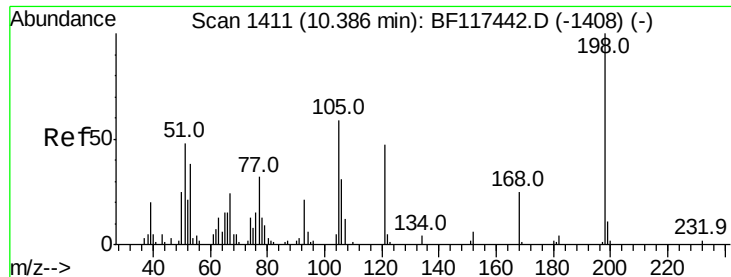
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.9	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

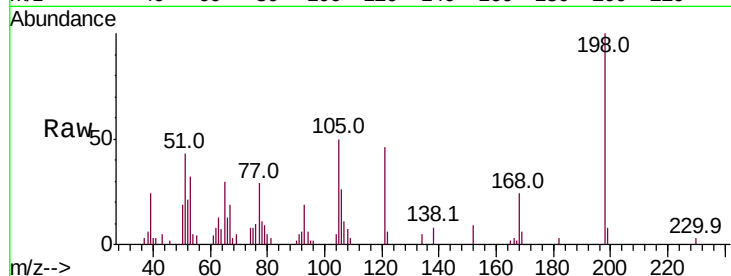




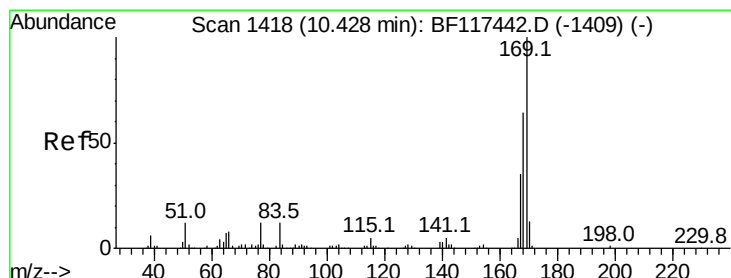
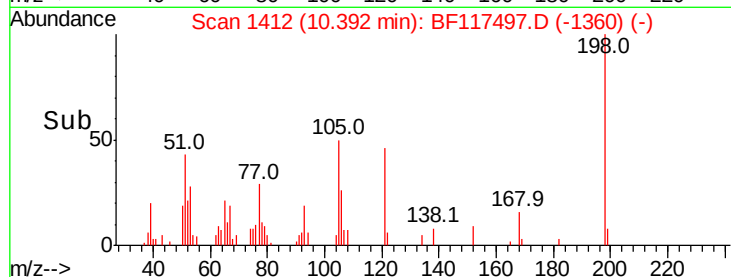
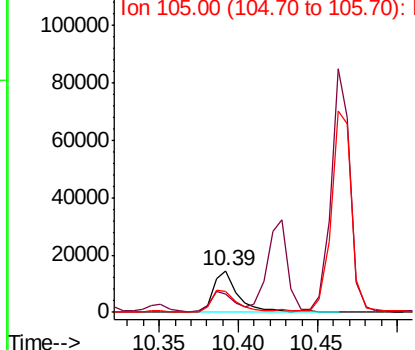
#65
4,6-Dinitro-2-methylphenol
Concen: 21.745 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 15632
Ion Ratio Lower Upper
198 100
51 42.7 29.1 69.1
105 49.5 39.4 79.4

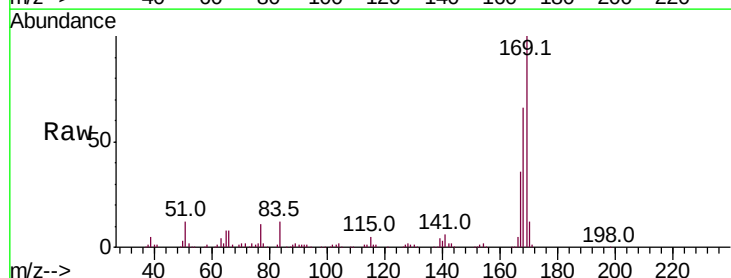


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

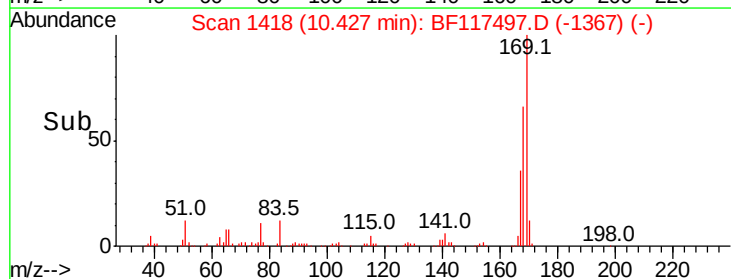
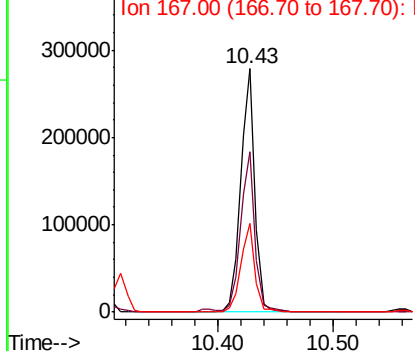


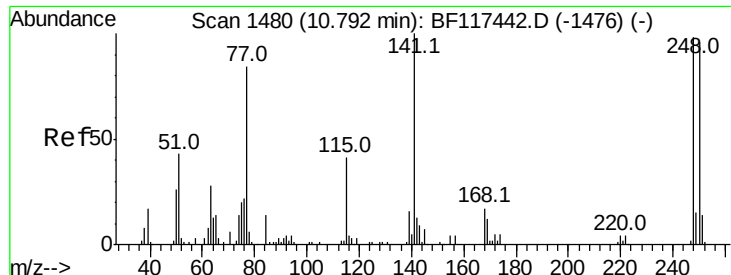
#66
n-Nitrosodiphenylamine
Concen: 45.769 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:169 Resp: 236576
Ion Ratio Lower Upper
169 100
168 66.0 51.3 76.9
167 36.2 28.2 42.4



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

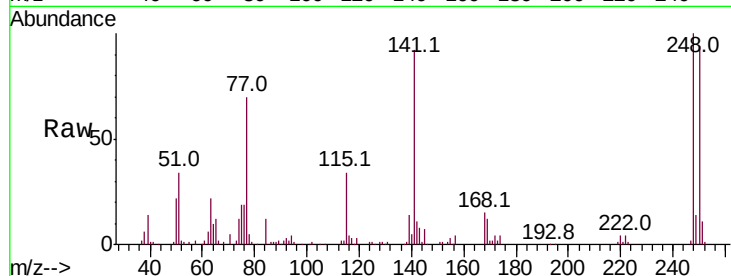




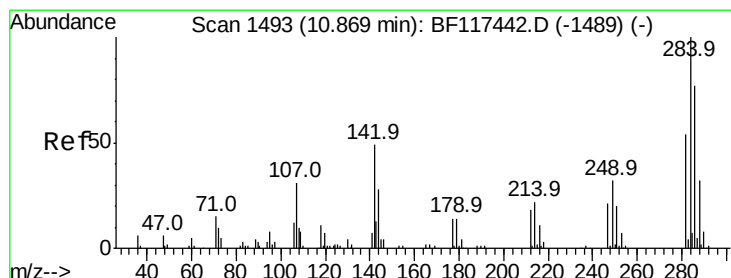
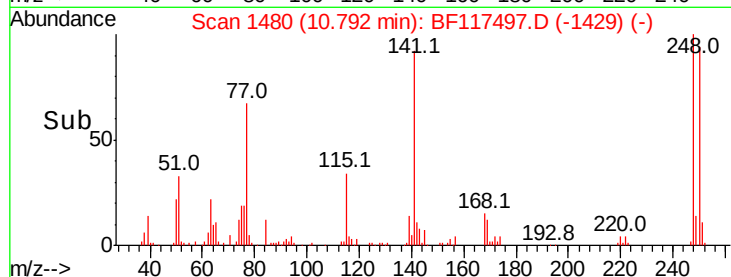
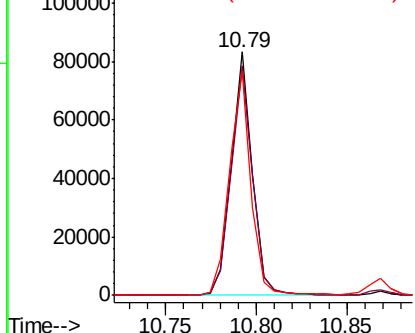
#67
4-Bromophenyl-phenylether
Concen: 44.352 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 67546
Ion Ratio Lower Upper
248 100
250 94.5 78.0 117.0
141 92.3 81.7 122.5

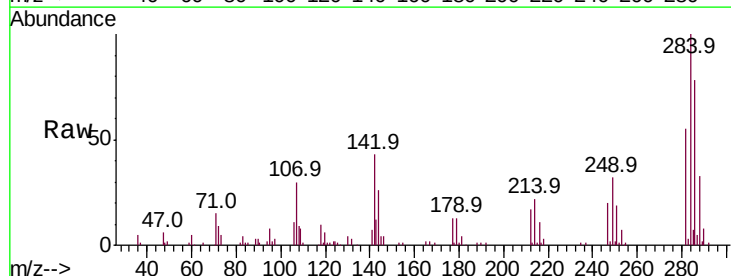


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

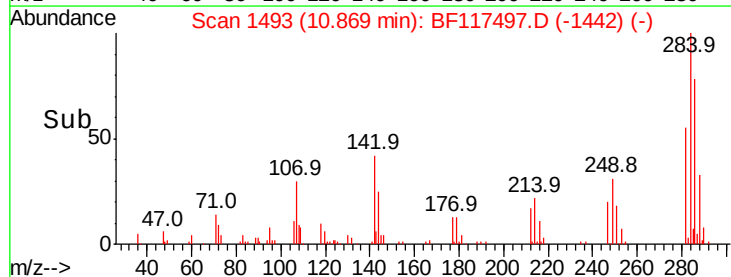
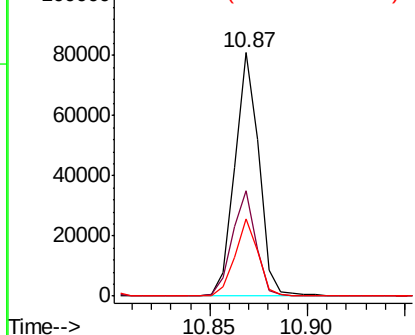


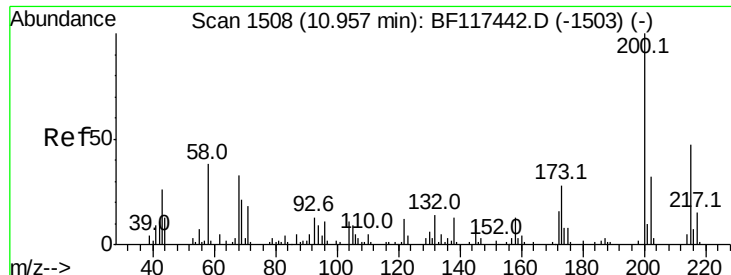
#68
Hexachlorobenzene
Concen: 42.424 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:284 Resp: 69194
Ion Ratio Lower Upper
284 100
142 43.3 39.0 58.6
249 31.9 25.7 38.5



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

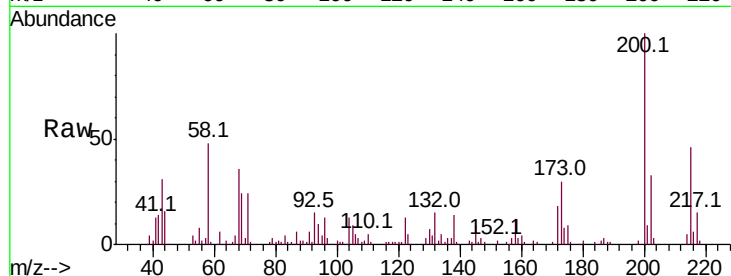




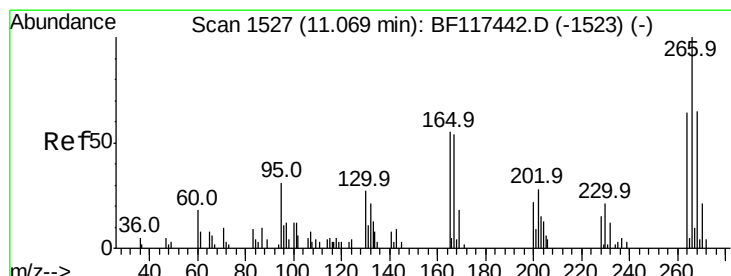
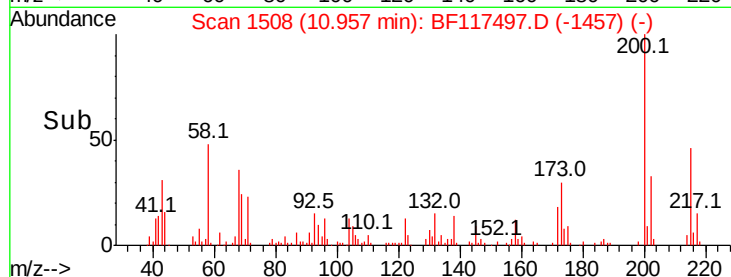
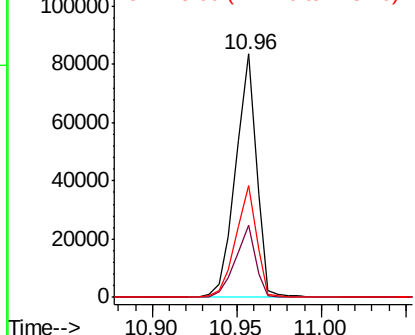
#69
 Atrazine
 Concen: 54.617 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	8.2	48.2
215	46.1	26.8	66.8

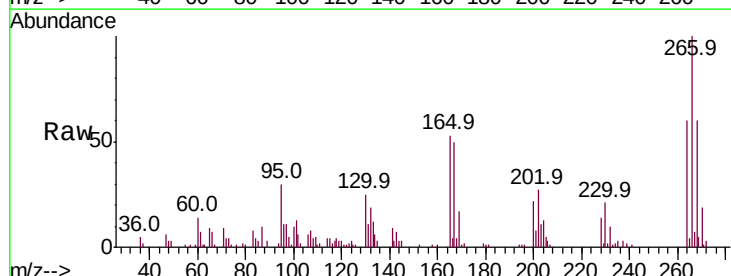


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

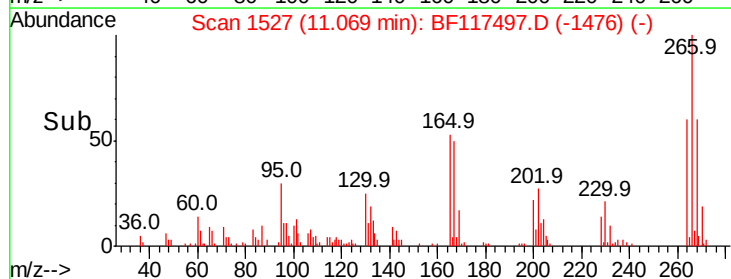
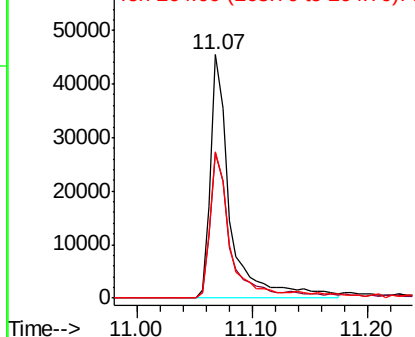


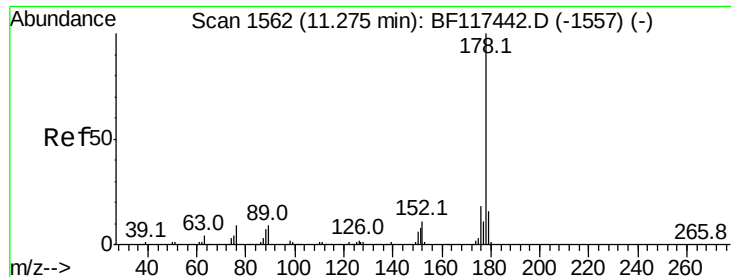
#70
 Pentachlorophenol
 Concen: 111.134 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.5	51.6	77.4
264	60.1	51.4	77.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.893 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

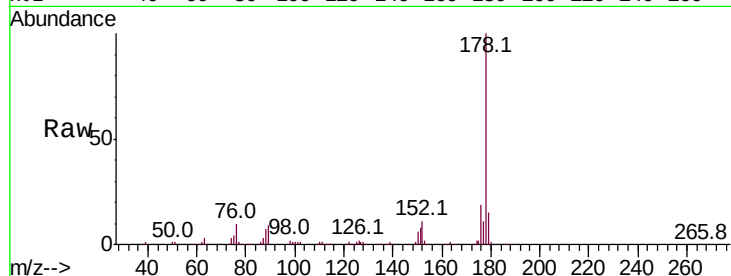
Tot Ion:178 Resp: 376780

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.4 12.6 19.0

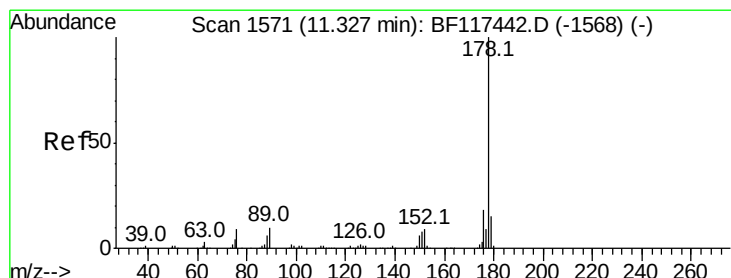
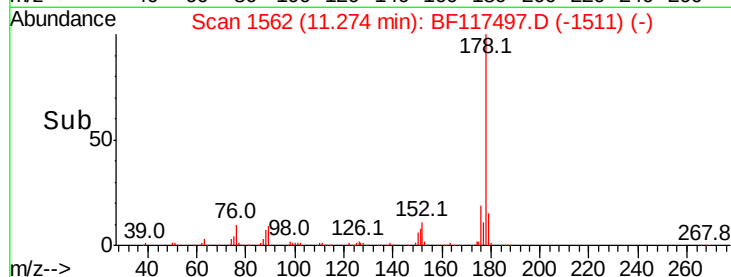
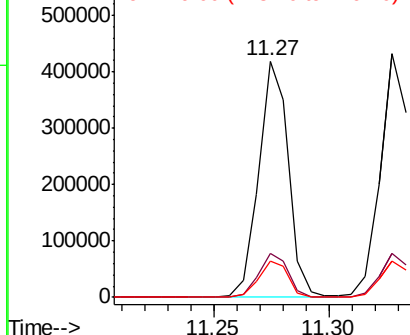


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.370 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

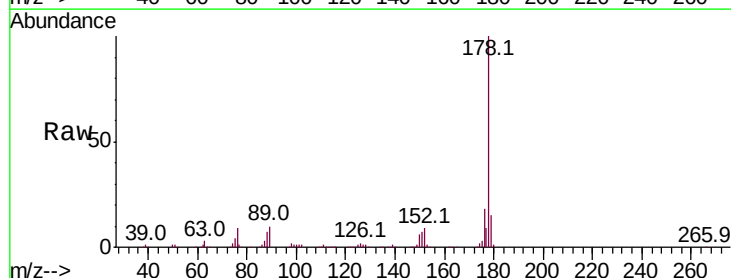
Tgt Ion:178 Resp: 390618

Ion Ratio Lower Upper

178 100

176 18.0 14.7 22.1

179 15.1 12.2 18.2

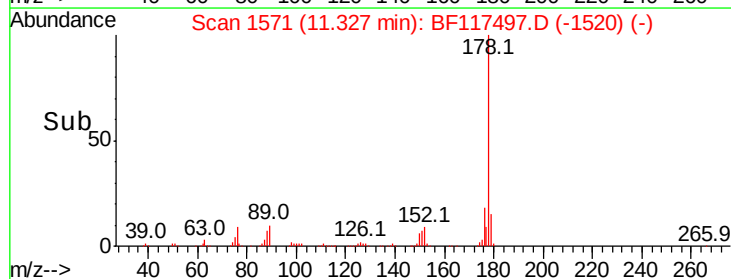
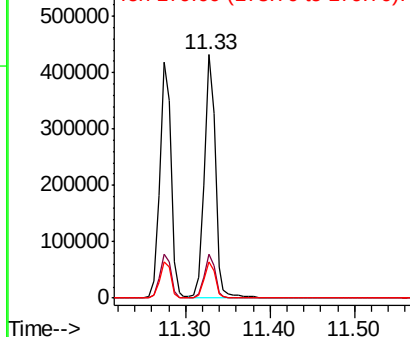


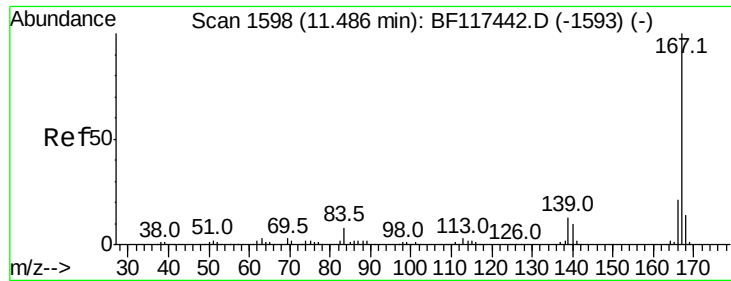
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

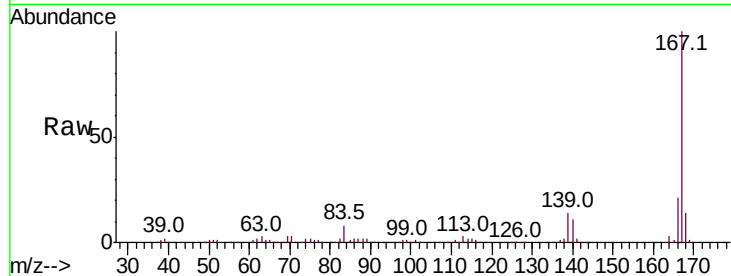




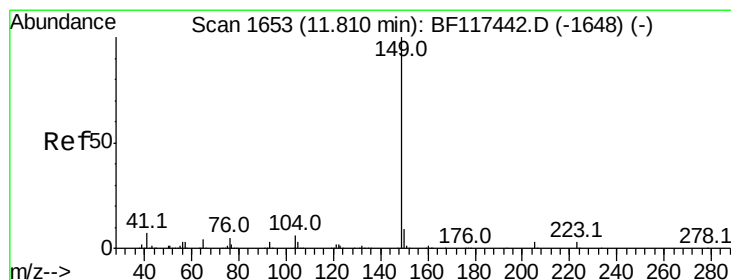
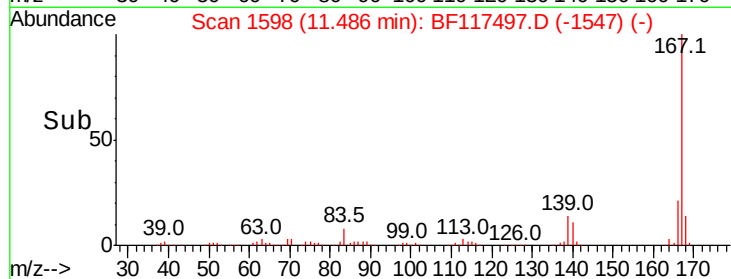
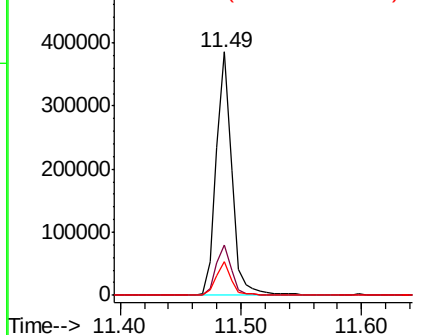
#73
 Carbazole
 Concen: 44.468 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.0	25.6
139	13.6	10.6	16.0

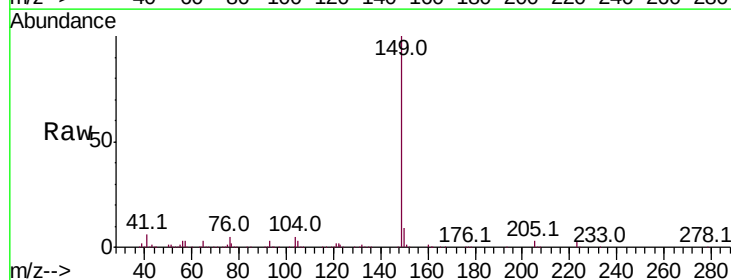


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

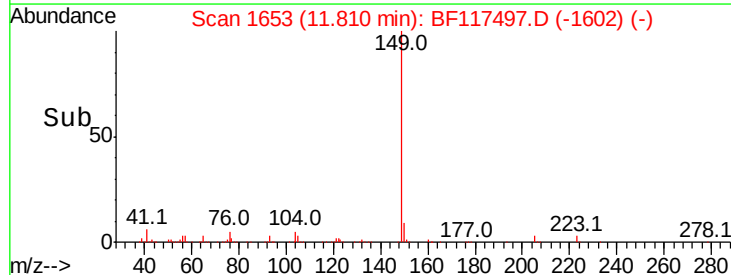
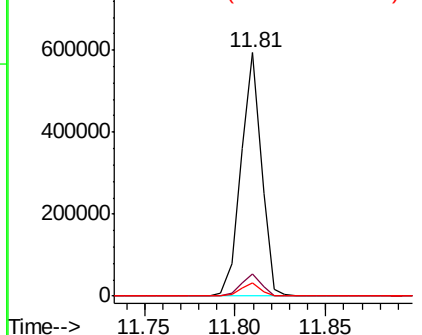


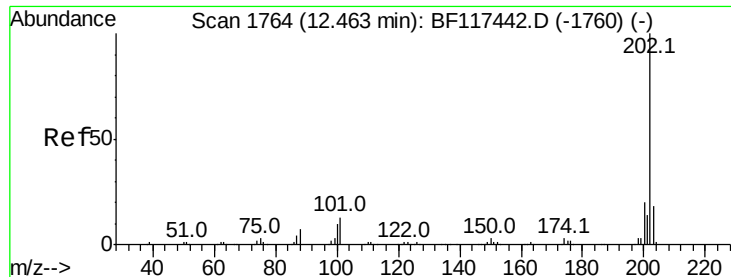
#74
 Di-n-butylphthalate
 Concen: 45.226 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117497.D
 Acq: 23 Oct 2019 21:37

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.5	4.6	6.8



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





#75

Fluoranthene

Concen: 42.605 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117497.D

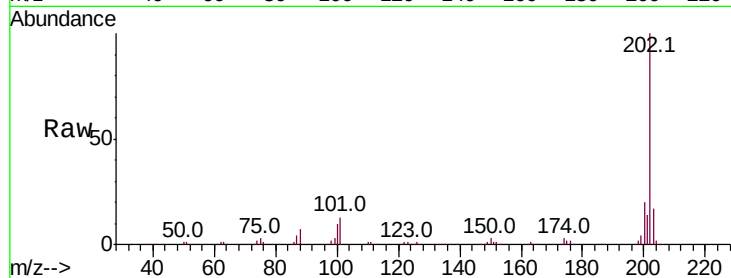
Acq: 23 Oct 2019 21:37

Instrument :

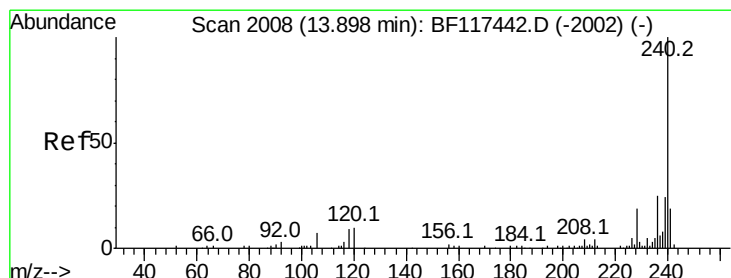
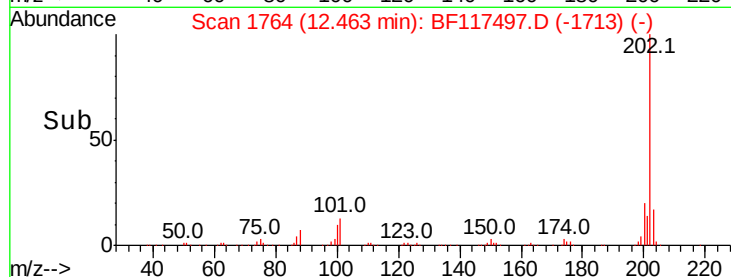
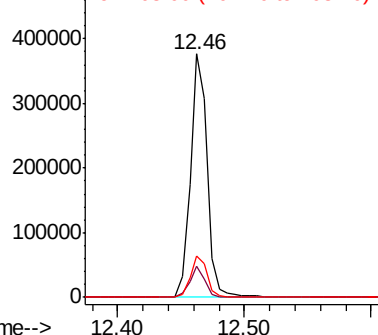
BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	350169
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.7
203	17.2	0.0	37.6



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



#76

Chrysene-d12

Concen: 20.000 ng

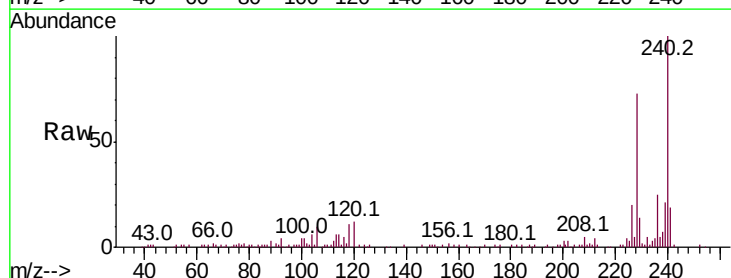
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

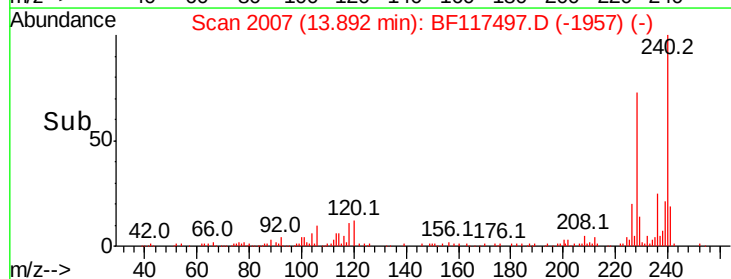
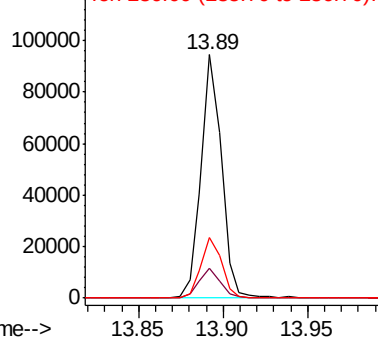
Lab File: BF117497.D

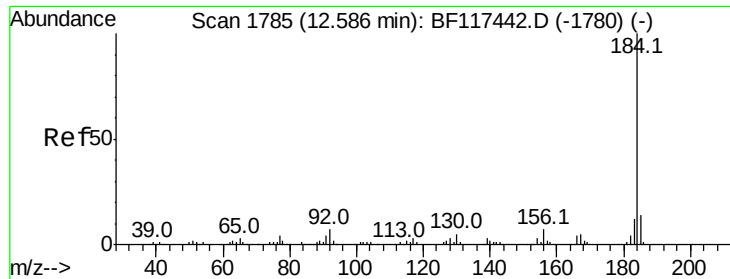
Acq: 23 Oct 2019 21:37

Tgt Ion:	240	Resp:	79718
Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.4	12.6
236	25.0	20.0	30.0



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





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

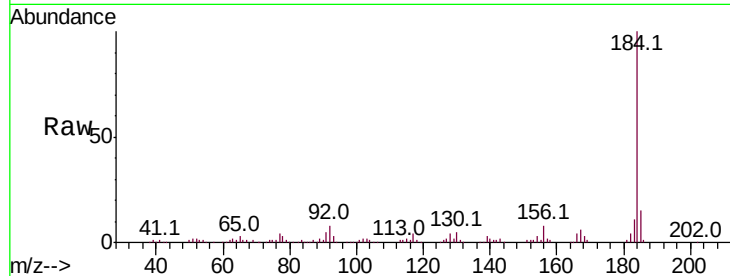
Tot Ion:184 Resp: 178150

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

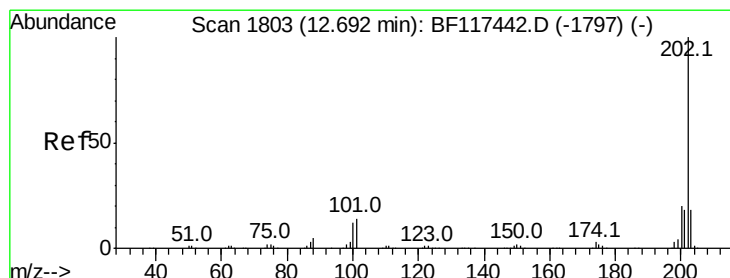
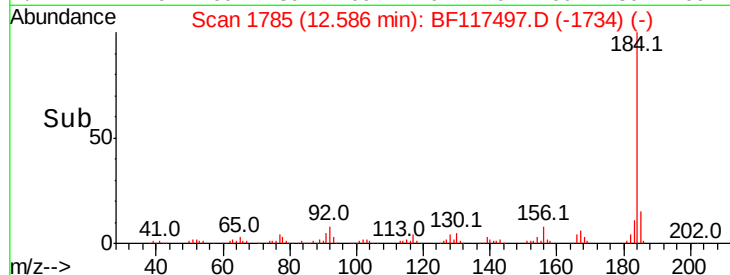
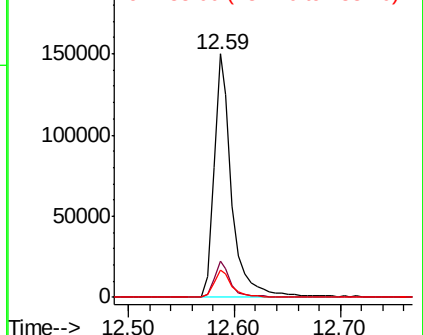
183 11.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.034 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

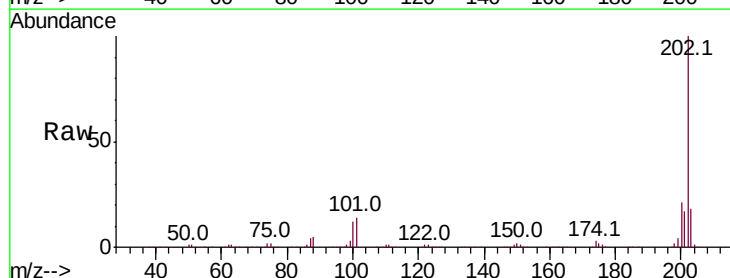
Tgt Ion:202 Resp: 335753

Ion Ratio Lower Upper

202 100

200 20.8 16.2 24.2

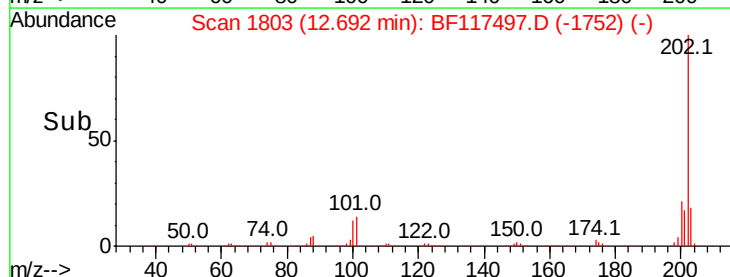
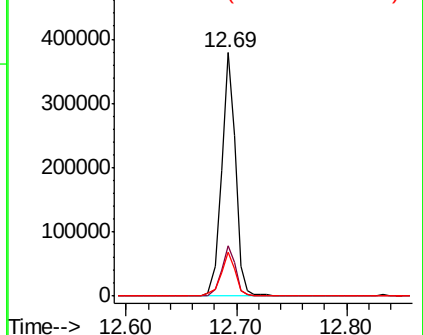
203 17.8 14.0 21.0

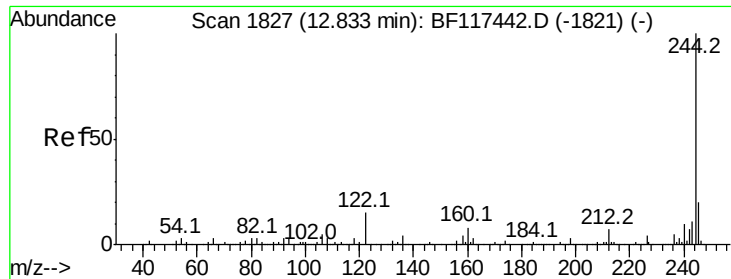


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.696 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampled :

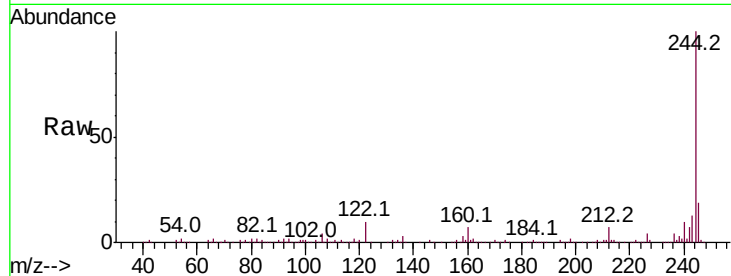
Tot Ion:244 Resp: 340627

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

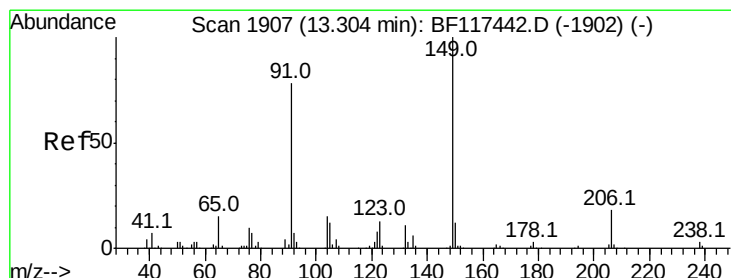
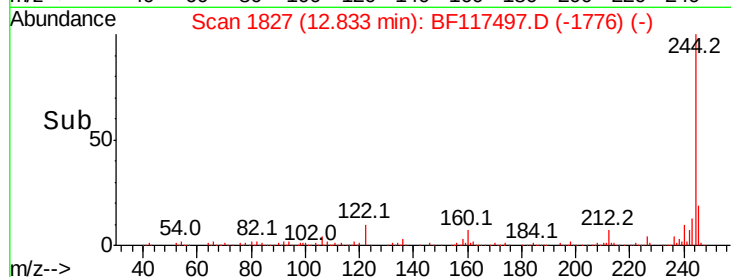
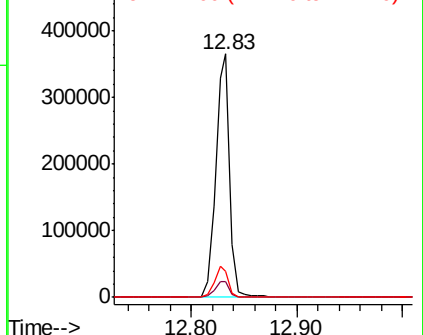
122 10.4 11.8 17.8#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.708 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

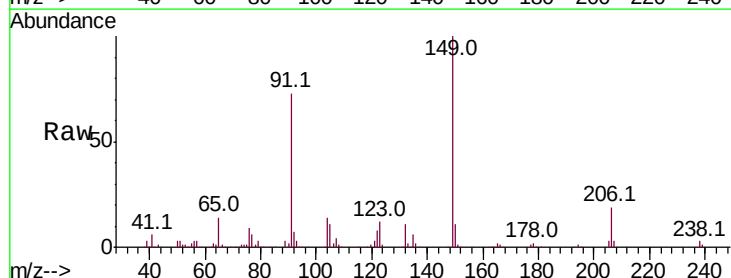
Tgt Ion:149 Resp: 165969

Ion Ratio Lower Upper

149 100

91 73.0 62.1 93.1

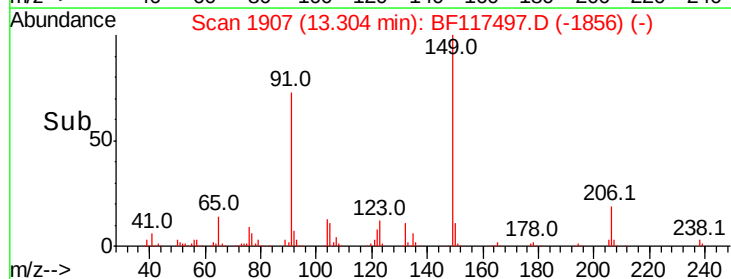
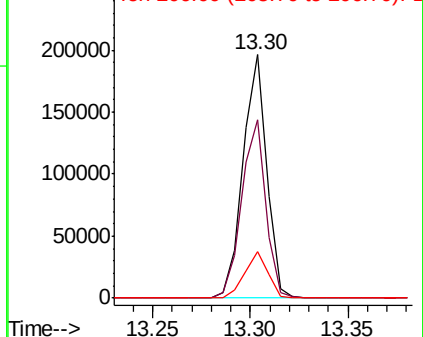
206 19.0 14.3 21.5

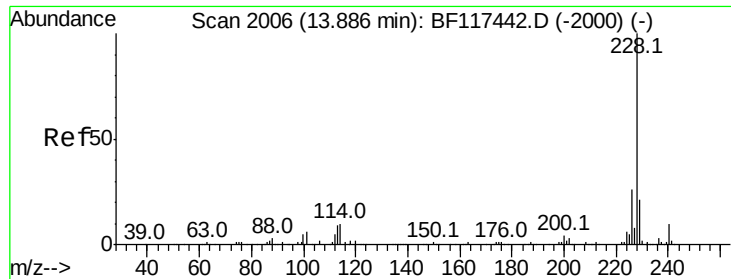


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.050 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

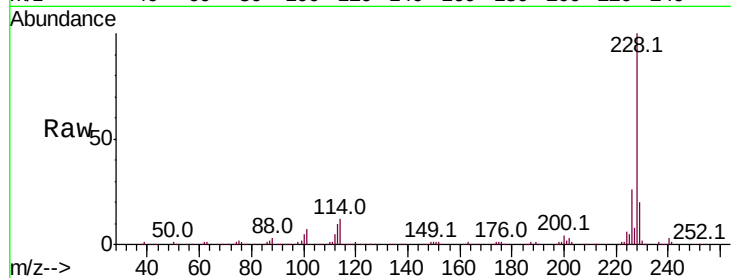
Tot Ion:228 Resp: 247622

Ion Ratio Lower Upper

228 100

226 26.5 21.0 31.4

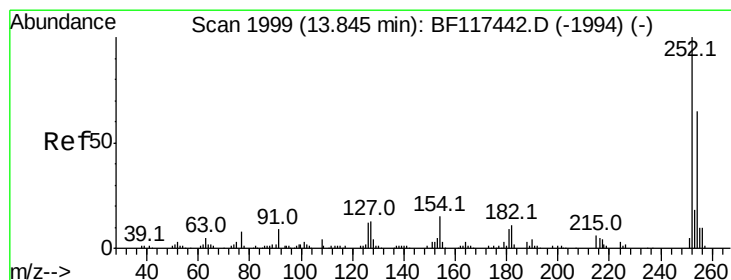
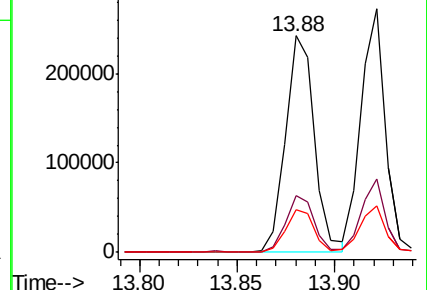
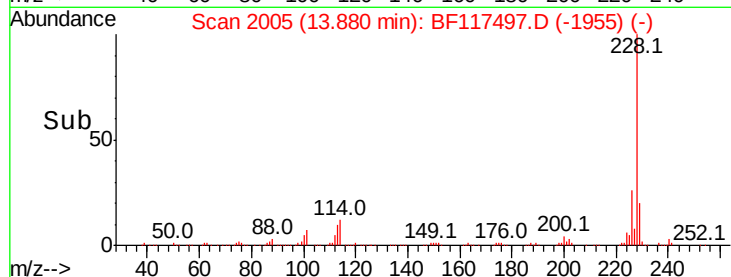
229 19.8 16.4 24.6



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: 43.528 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

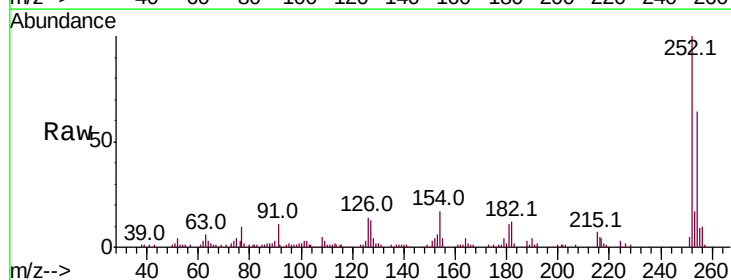
Tgt Ion:252 Resp: 73448

Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

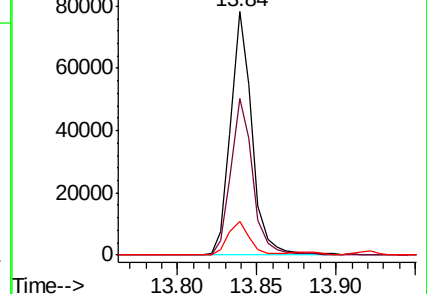
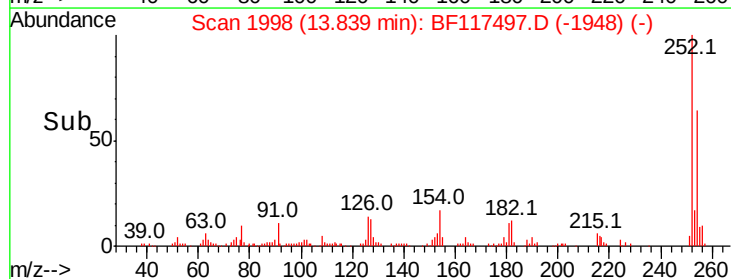
126 14.0 9.2 13.8#

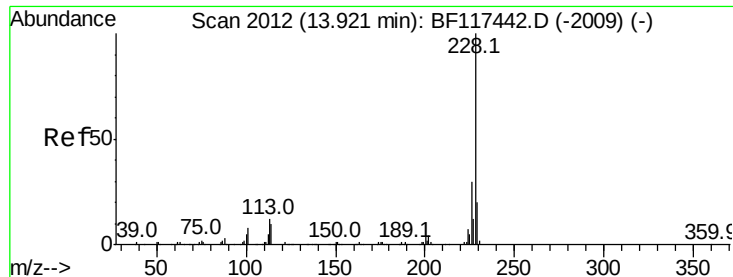


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

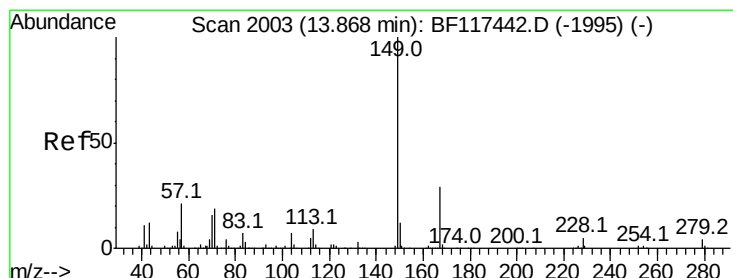
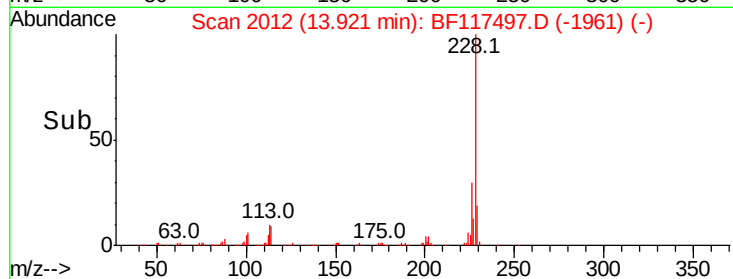
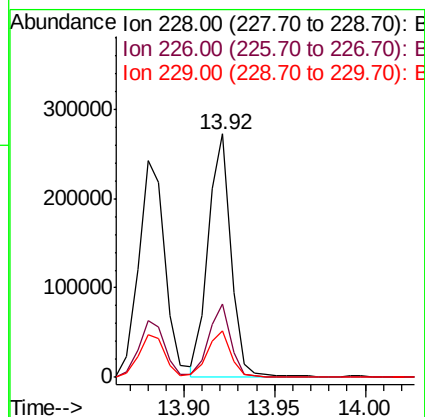
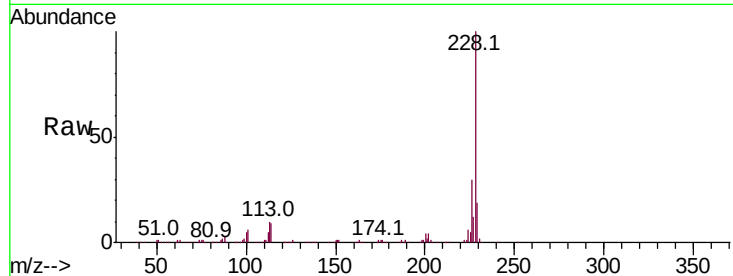




#83
Chrysene
Concen: 44.921 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

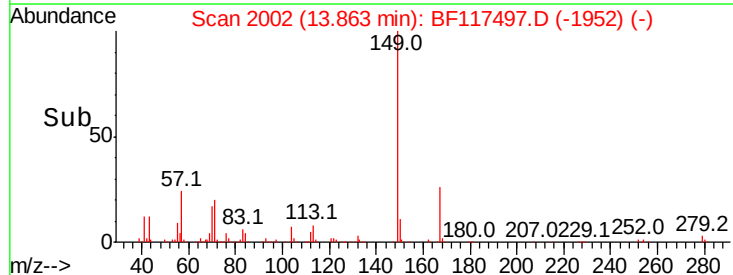
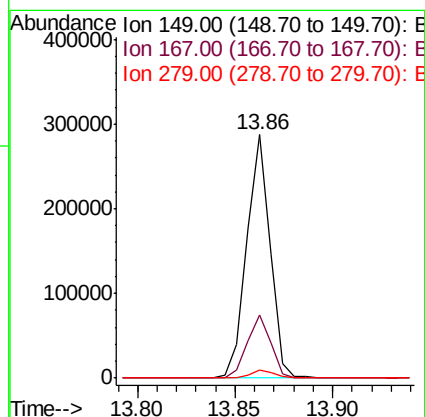
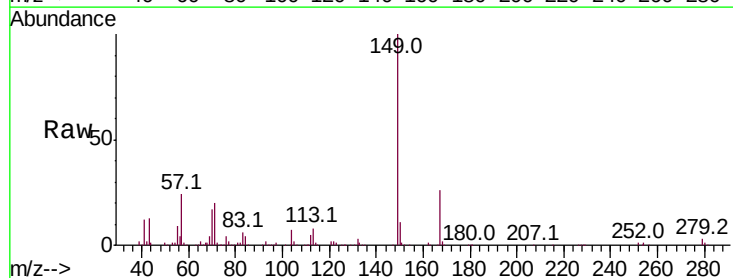
Instrument :
BNA_F
ClientSampleId :

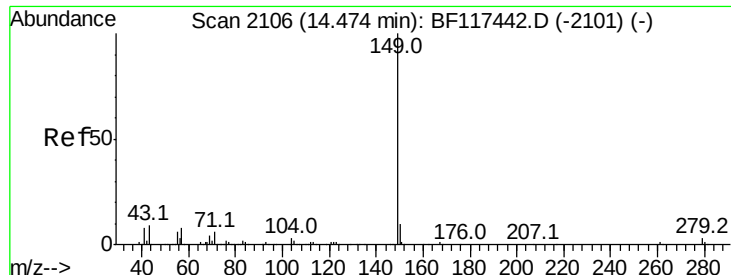
Tot Ion:228 Resp: 236735
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 18.9 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.905 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:149 Resp: 238201
Ion Ratio Lower Upper
149 100
167 26.2 23.3 34.9
279 3.4 3.2 4.8

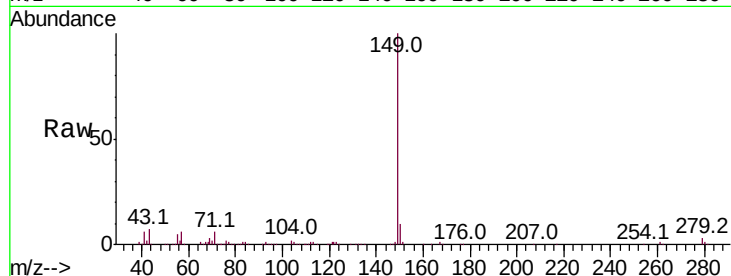




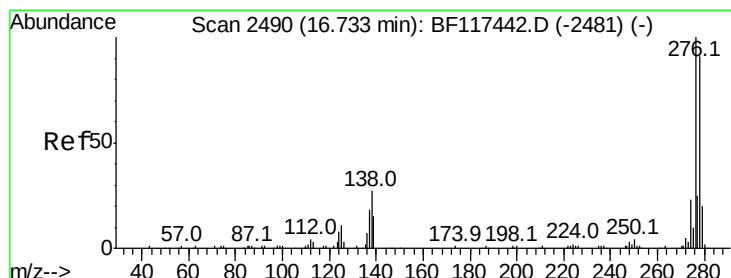
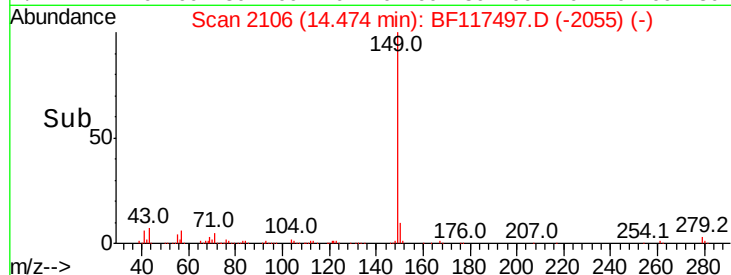
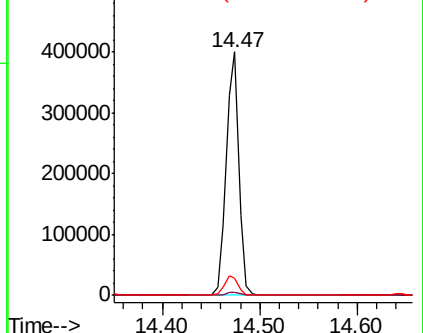
#85
Di-n-octyl phthalate
Concen: 48.738 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 357674
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.3 6.8 10.2

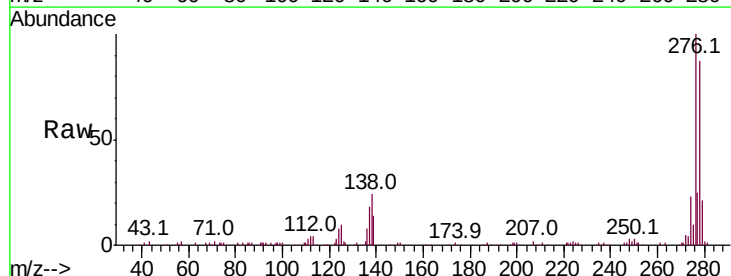


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

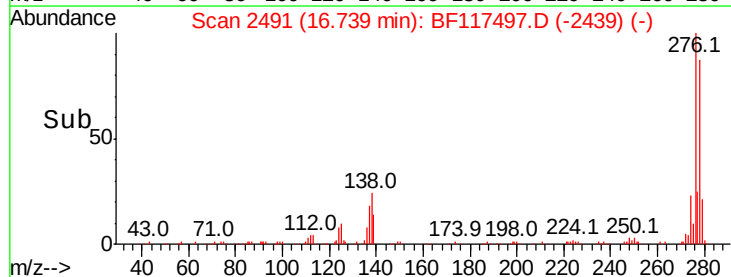
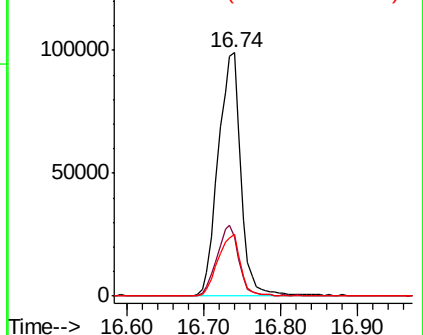


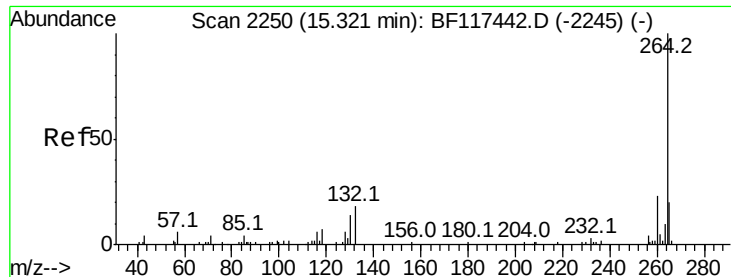
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.443 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:276 Resp: 202414
Ion Ratio Lower Upper
276 100
138 27.9 21.8 32.8
277 25.5 20.0 30.0



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



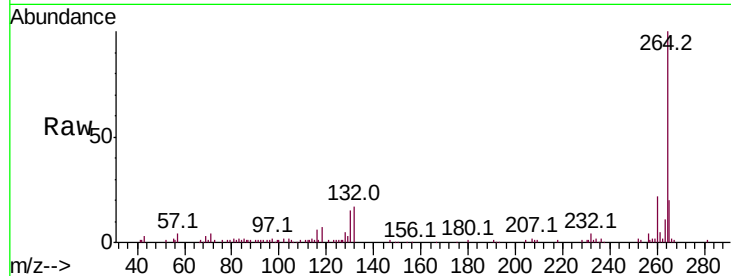


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

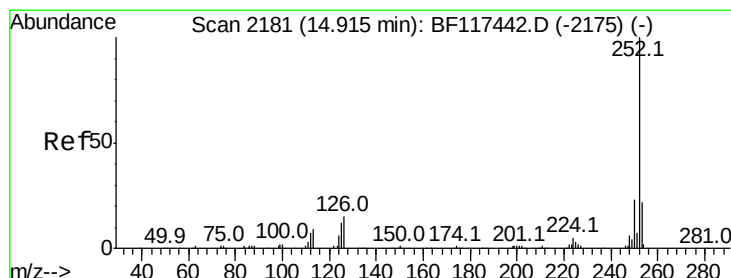
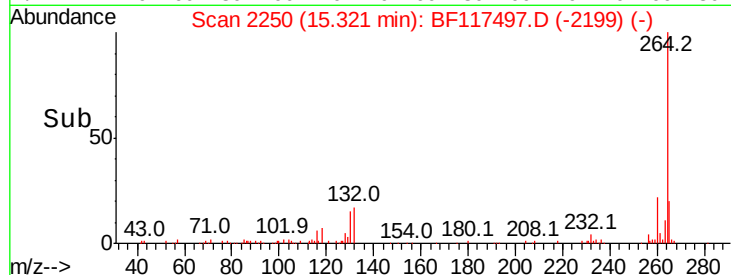
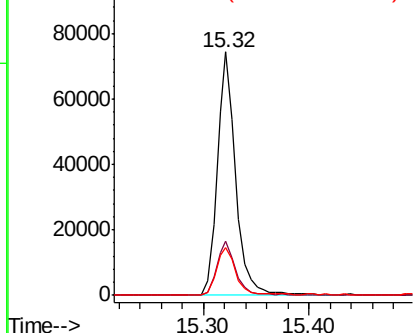
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 90816

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.4	27.6
265	19.8	16.1	24.1



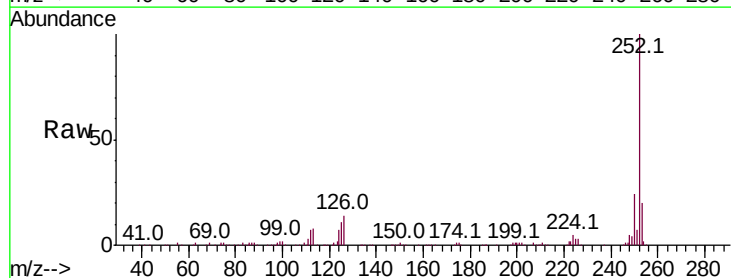
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



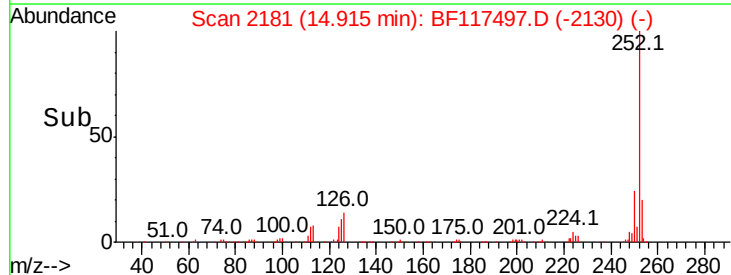
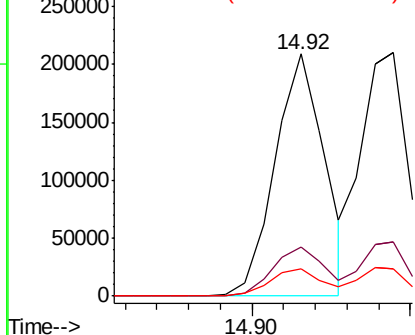
#88
Benzo(b)fluoranthene
Concen: 42.270 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

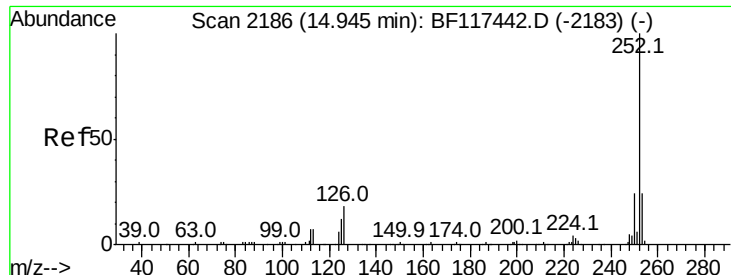
Tgt Ion:252 Resp: 226688

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.8	26.6
125	11.4	9.9	14.9



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

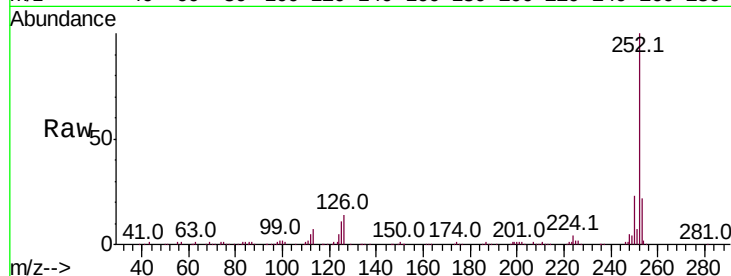




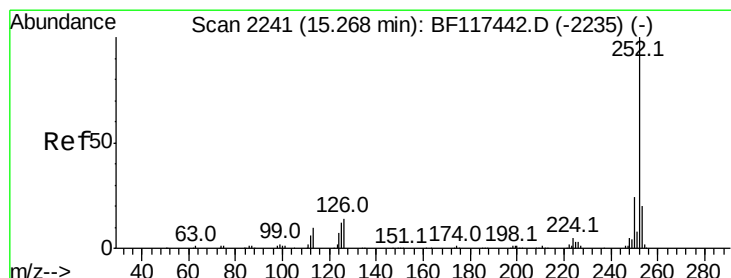
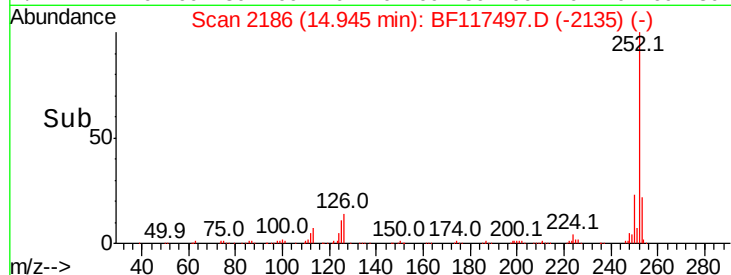
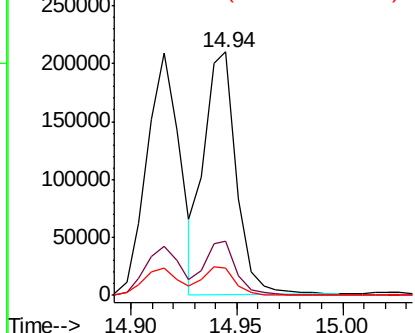
#89
Benzo(k)fluoranthene
Concen: 40.465 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 222415
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 11.0 8.9 13.3

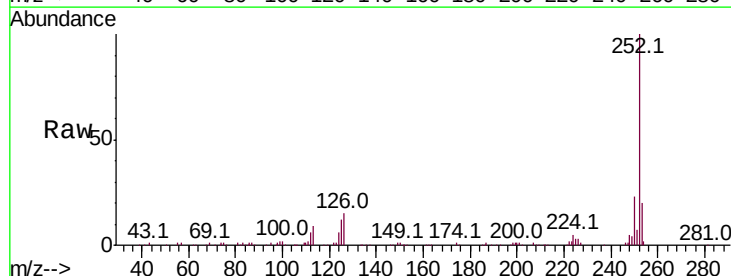


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

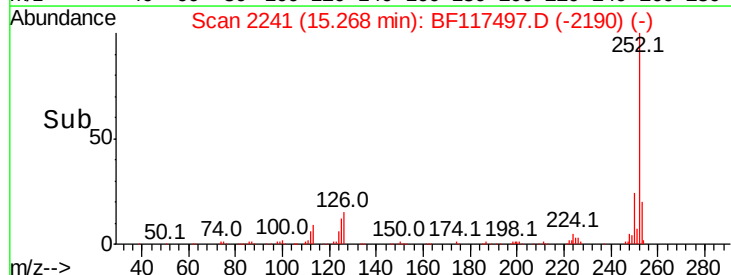
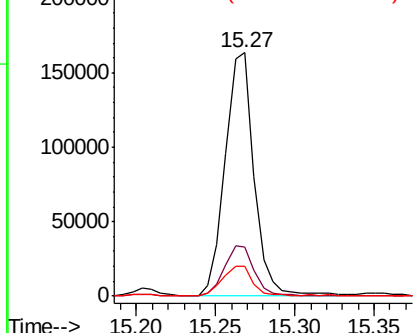


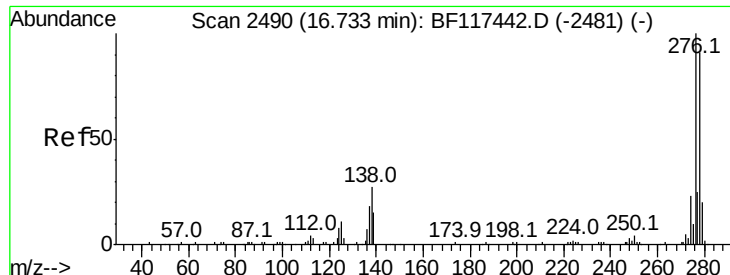
#90
Benzo(a)pyrene
Concen: 42.776 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117497.D
Acq: 23 Oct 2019 21:37

Tgt Ion:252 Resp: 208570
Ion Ratio Lower Upper
252 100
253 20.4 16.3 24.5
125 12.1 9.2 13.8



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: 41.550 ng

RT: 16.73 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

Instrument :

BNA_F

ClientSampleId :

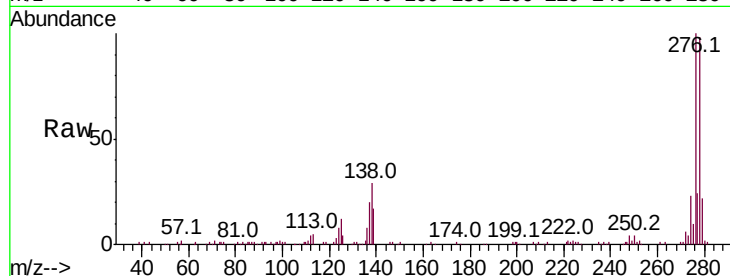
Tot Ion:278 Resp: 175177

Ion Ratio Lower Upper

278 100

139 17.3 13.4 20.0

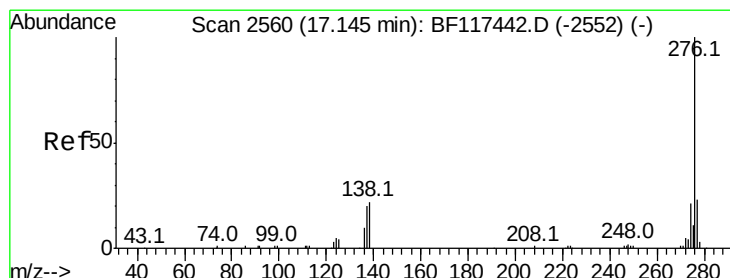
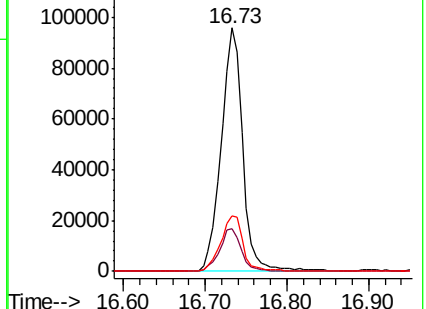
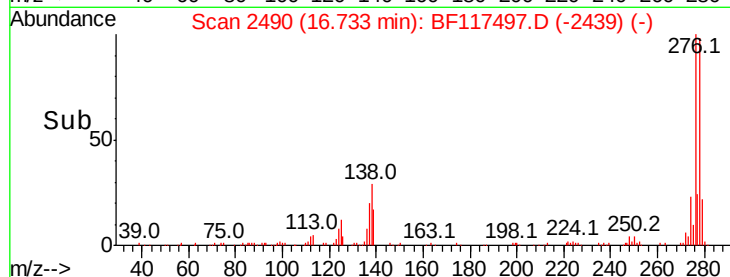
279 22.6 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.311 ng

RT: 17.15 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF117497.D

Acq: 23 Oct 2019 21:37

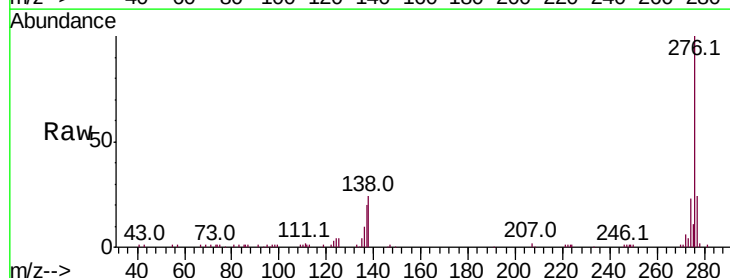
Tgt Ion:276 Resp: 156817

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 24.0 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

