

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117604.D
 Acq On : 29 Oct 2019 22:06
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 04:22:00 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	33802	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	126495	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	53699	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	83833	20.00	ng	0.00
76) Chrysene-d12	13.90	240	59614	20.00	ng	0.00
87) Perylene-d12	15.33	264	45800	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	202218	89.00	ng	0.00
7) Phenol-d6	6.39	99	255667	83.78	ng	0.00
23) Nitrobenzene-d5	7.30	82	226147	88.26	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	35796	77.04	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	345799	90.73	ng	0.00
79) Terphenyl-d14	12.83	244	306180	83.77	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	41591	43.538	ng	97
3) Pyridine	3.09	79	94926	40.593	ng	95
4) n-Nitrosodimethylamine	3.05	42	35352	41.670	ng	99
6) Aniline	6.40	93	151784	42.366	ng	# 80
8) 2-Chlorophenol	6.53	128	100242	41.810	ng	97
9) Benzaldehyde	6.29	77	71839	52.163	ng	97
10) Phenol	6.40	94	123560	39.671	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	96053	41.693	ng	99
12) 1,3-Dichlorobenzene	6.67	146	114228	42.694	ng	99
13) 1,4-Dichlorobenzene	6.75	146	115590	42.588	ng	96
14) 1,2-Dichlorobenzene	6.90	146	106875	41.774	ng	98
15) Benzyl Alcohol	6.89	79	82049	37.633	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	103137	41.500	ng	65
17) 2-Methylphenol	7.01	107	79543	40.330	ng	92
18) Hexachloroethane	7.23	117	26742	25.243	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	74771	40.119	ng	96
20) 3+4-Methylphenols	7.17	107	102943	39.809	ng	# 64
22) Acetophenone	7.15	105	154637	46.038	ng	# 94
24) Nitrobenzene	7.32	77	106900	43.559	ng	99
25) Isophorone	7.56	82	185463	41.841	ng	98
26) 2-Nitrophenol	7.64	139	27528	25.150	ng	96
27) 2,4-Dimethylphenol	7.68	122	71269	43.569	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	121007	44.242	ng	99
29) 2,4-Dichlorophenol	7.89	162	66724	38.889	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	76867	41.748	ng	98
31) Naphthalene	8.03	128	265042	42.272	ng	99
32) Benzoic acid	7.82	122	19324	17.247	ng	99
33) 4-Chloroaniline	8.09	127	107929	40.787	ng	97
34) Hexachlorobutadiene	8.15	225	44992	42.218	ng	97
35) Caprolactam	8.46	113	20873	37.870	ng	90
36) 4-Chloro-3-methylphenol	8.59	107	71824	36.706	ng	99
37) 2-Methylnaphthalene	8.72	142	163752	38.759	ng	99
38) 1-Methylnaphthalene	8.82	142	152604	38.439	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	65431	45.240	ng	99

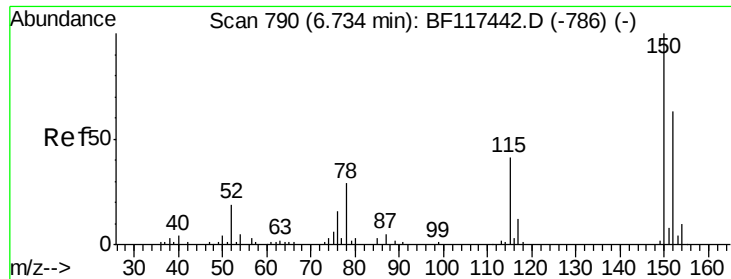
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117604.D
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 Operator : JU
 Sample : SSTDCCC040
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Quant Time: Oct 30 04:22:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 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)
43) 2,4,6-Trichlorophenol	9.02	196	39300	43.390	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	38234	41.659	nq #	93
46) 1,1'-Biphenyl	9.19	154	198571	44.667	nq	99
47) 2-Chloronaphthalene	9.22	162	147751	44.080	nq	95
48) 2-Nitroaniline	9.32	65	52956	48.127	nq	93
49) Acenaphthylene	9.63	152	211905	43.041	nq	98
50) Dimethylphthalate	9.49	163	172423	45.041	nq	99
51) 2,6-Dinitrotoluene	9.56	165	28372	35.516	nq #	88
52) Acenaphthene	9.80	154	129278	42.799	nq	95
53) 3-Nitroaniline	9.73	138	47220	48.718	nq	98
55) Dibenzofuran	9.97	168	184016	42.049	nq	97
56) 4-Nitrophenol	9.97	139	98277	213.030	nq #	13
57) 2,4-Dinitrotoluene	9.98	165	33006	31.077	nq #	86
58) Fluorene	10.31	166	150801	41.669	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	30325	42.039	nq #	98
60) Diethylphthalate	10.18	149	168008	43.390	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	68205	42.007	nq	95
62) 4-Nitroaniline	10.35	138	49044	53.683	nq	99
63) Azobenzene	10.46	77	162338	40.955	nq	99
65) 4,6-Dinitro-2-methylphenol	10.10	198	1209	2.837	nq #	24
66) n-Nitrosodiphenylamine	10.42	169	128191	41.827	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	36541	40.467	nq #	87
68) Hexachlorobenzene	10.87	284	39131	40.465	nq	92
69) Atrazine	10.95	200	16451	21.098	nq	97
70) Pentachlorophenol	11.08	266	18411	63.508	nq	96
71) Phenanthrene	11.27	178	202913	41.684	nq	99
72) Anthracene	11.33	178	208934	41.831	nq	99
73) Carbazole	11.49	167	200847	44.001	nq	98
74) Di-n-butylphthalate	11.80	149	259824	42.601	nq	99
75) Fluoranthene	12.47	202	214726	44.063	nq	97
77) Benzidine	12.59	184	103572	Below Cal		99
78) Pyrene	12.70	202	214323	41.856	nq	99
80) Butylbenzylphthalate	13.30	149	111177	43.632	nq	91
81) Benzo(a)anthracene	13.89	228	163540	40.669	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	64587	51.185	nq	93
83) Chrysene	13.93	228	161909	41.083	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	157050	43.999	nq	97
85) Di-n-octyl phthalate	14.47	149	256048	46.656	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	105584	35.884	nq	99
88) Benzo(b)fluoranthene	14.92	252	113809	42.081	nq	99
89) Benzo(k)fluoranthene	14.95	252	125520	45.282	nq	97
90) Benzo(a)pyrene	15.27	252	105261	42.807	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	87776	41.282	nq	95
92) Benzo(g,h,i)perylene	17.18	276	81702	40.612	nq	95

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

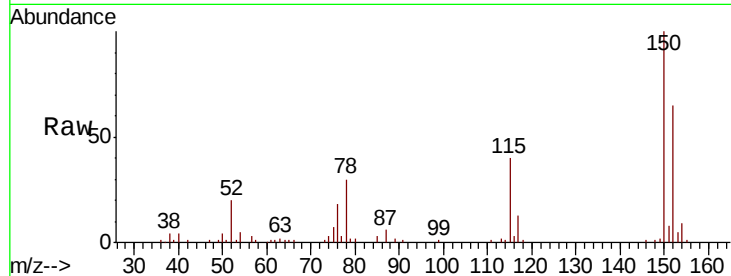


#1

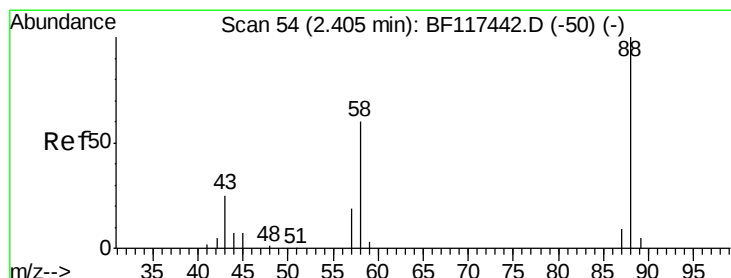
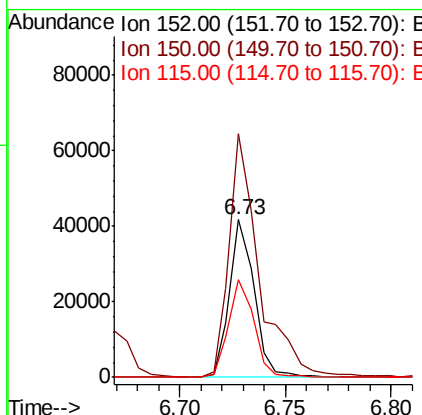
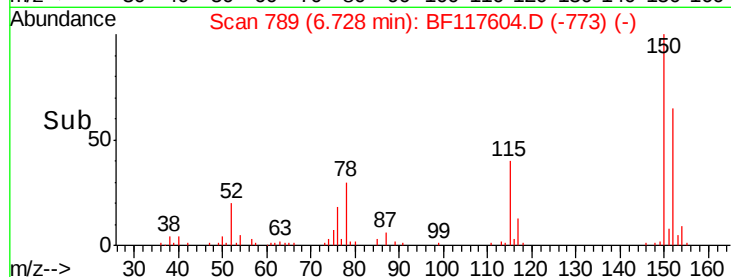
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33802
Ion Ratio Lower Upper
152 100
150 154.8 126.8 190.2
115 62.3 51.6 77.4



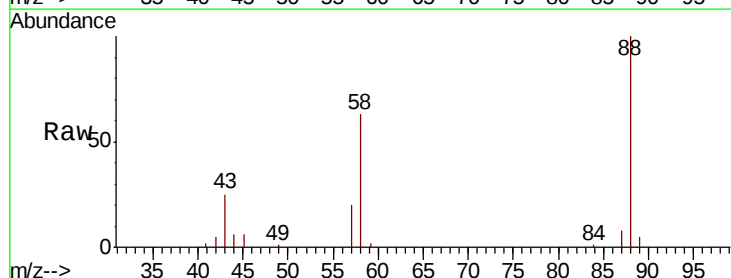
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



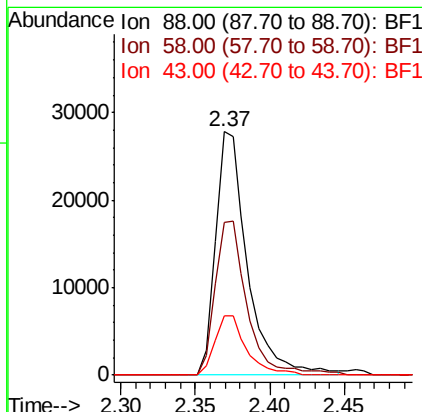
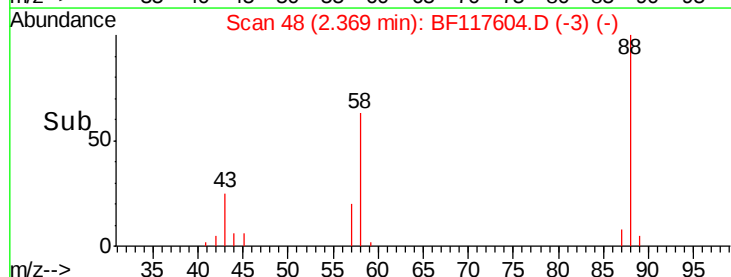
#2

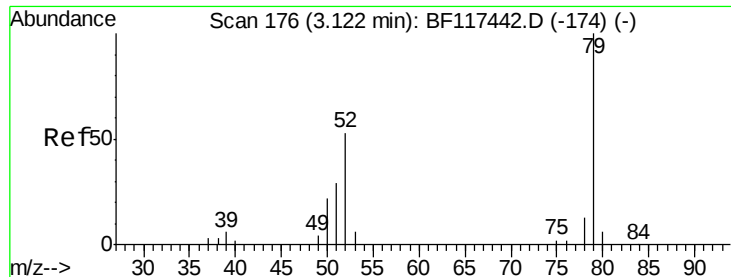
1,4-Dioxane
Concen: 43.538 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.04 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion: 88 Resp: 41591
Ion Ratio Lower Upper
88 100
58 63.2 48.8 73.2
43 24.3 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: 40.593 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.03 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

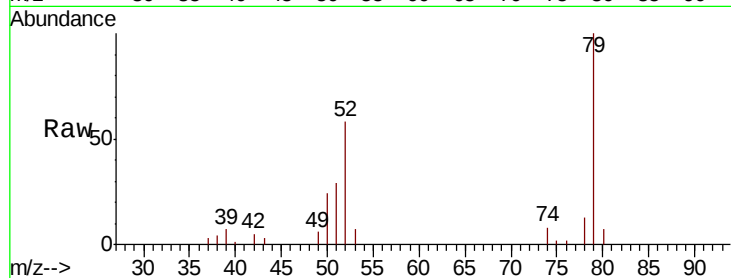
Tot Ion: 79 Resp: 94926

Ion Ratio Lower Upper

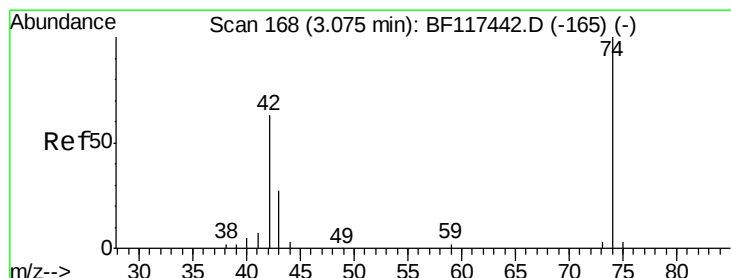
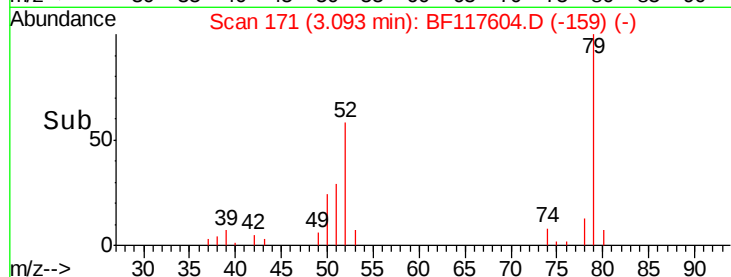
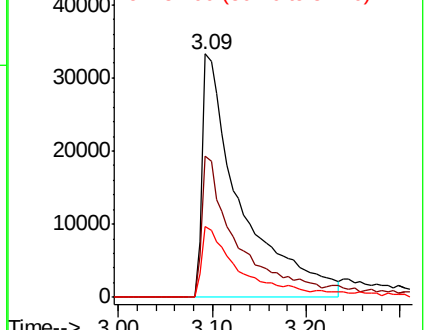
79 100

52 58.1 42.4 63.6

51 29.1 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: 41.670 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.03 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

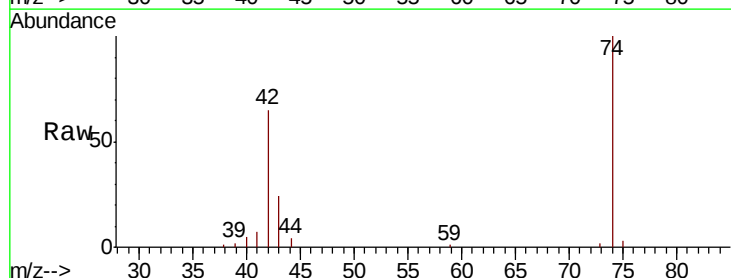
Tgt Ion: 42 Resp: 35352

Ion Ratio Lower Upper

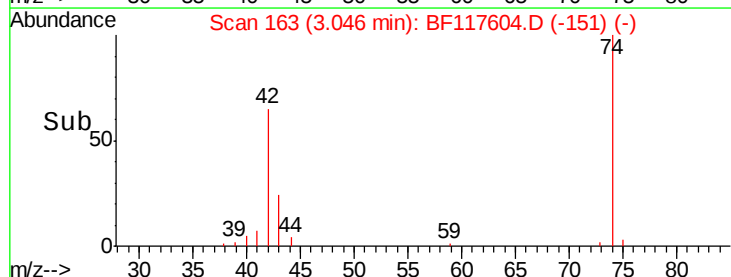
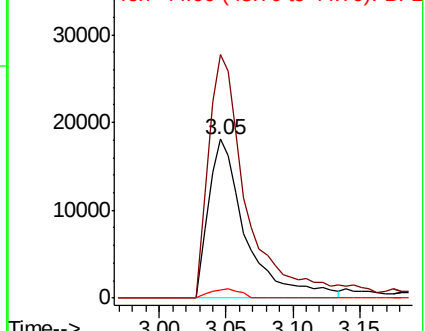
42 100

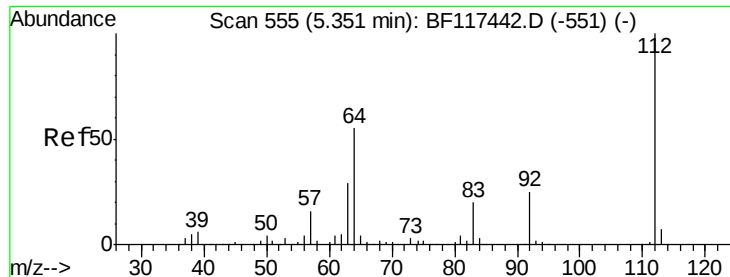
74 153.5 124.2 186.4

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: 89.001 ng

RT: 5.36 min Scan# 556

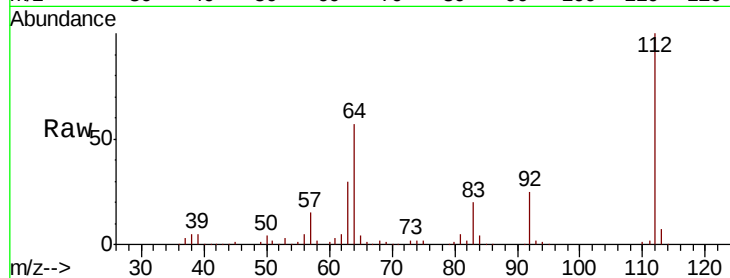
Delta R.T. 0.01 min

Lab File: BF117604.D

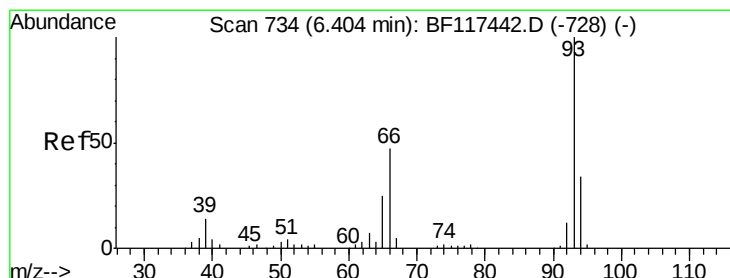
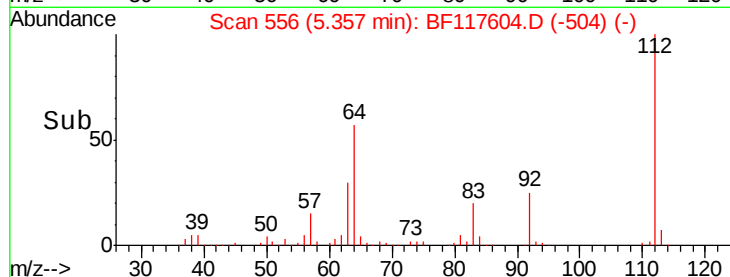
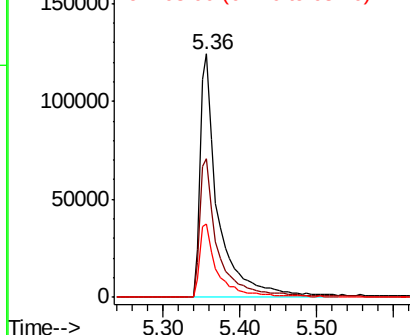
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	202218
Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	30.2	23.4	35.2



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



#6

Aniline

Concen: 42.366 ng

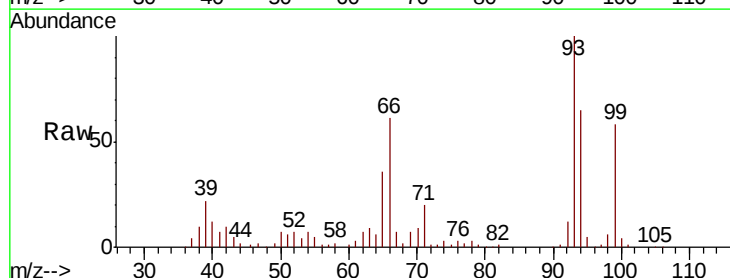
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

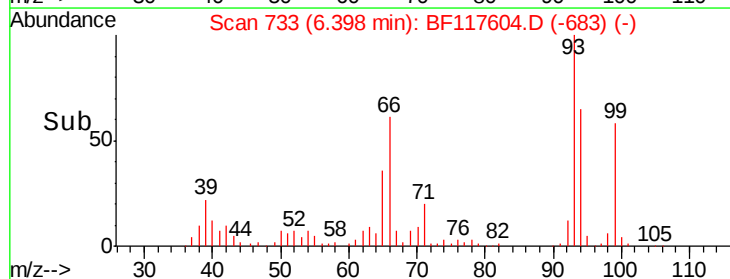
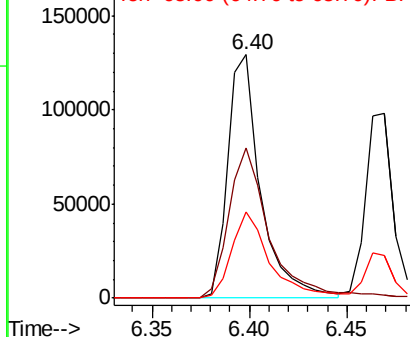
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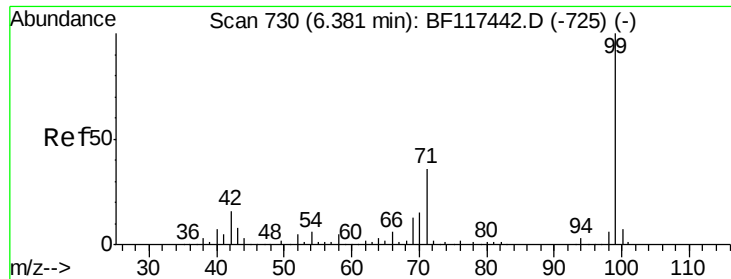
Acq: 29 Oct 2019 22:06

Tgt Ion:	93	Resp:	151784
Ion	Ratio	Lower	Upper
93	100		
66	61.4	38.7	58.1#
65	35.6	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: 83.779 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampled :

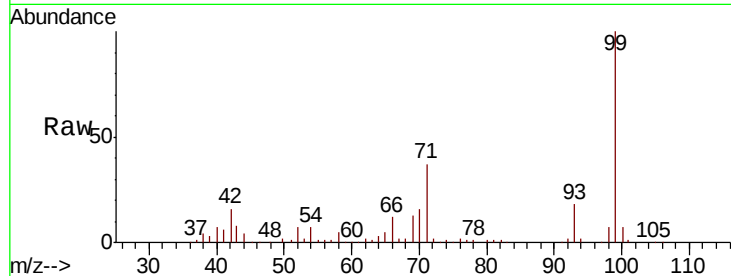
Tot Ion: 99 Resp: 255667

Ion Ratio Lower Upper

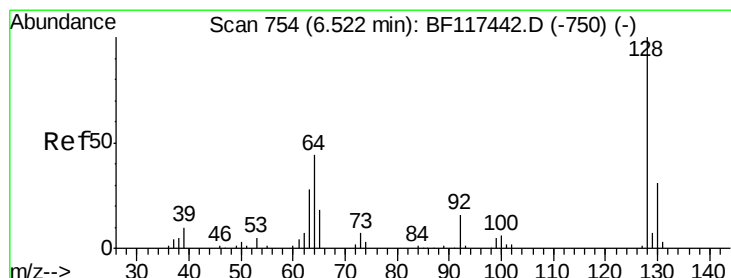
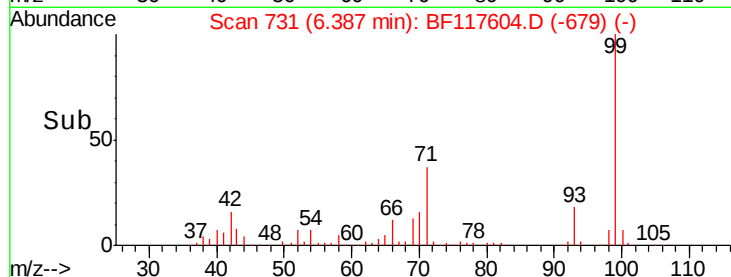
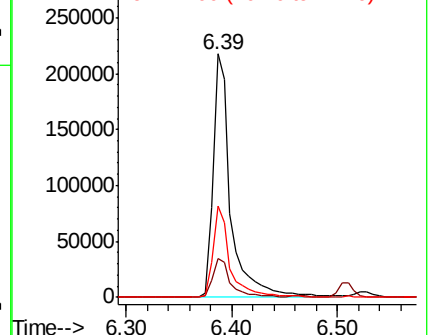
99 100

42 15.9 12.8 19.2

71 37.4 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: 41.810 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

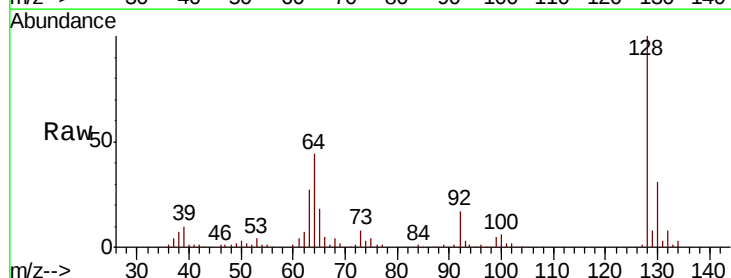
Tgt Ion: 128 Resp: 100242

Ion Ratio Lower Upper

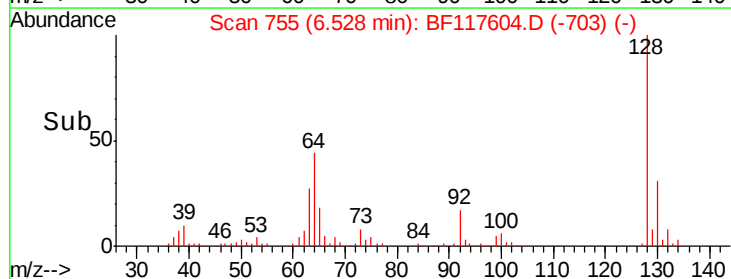
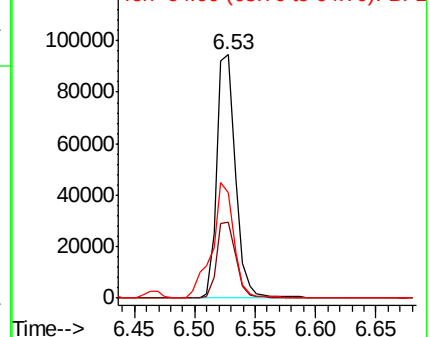
128 100

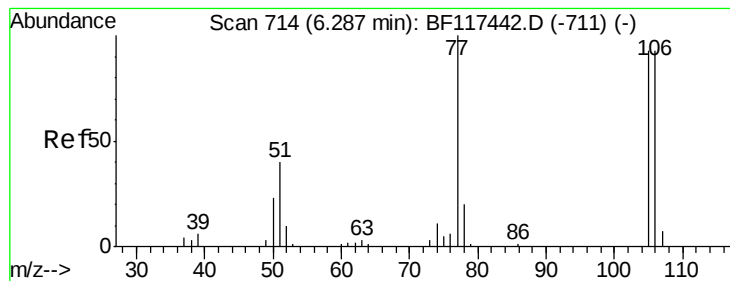
130 31.2 11.1 51.1

64 43.5 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: 52.163 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

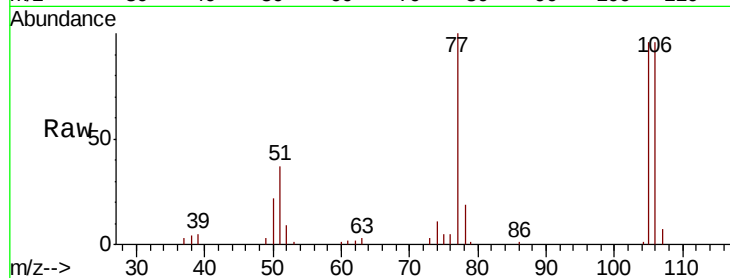
Tot Ion: 77 Resp: 71839

Ion Ratio Lower Upper

77 100

105 96.4 73.4 113.4

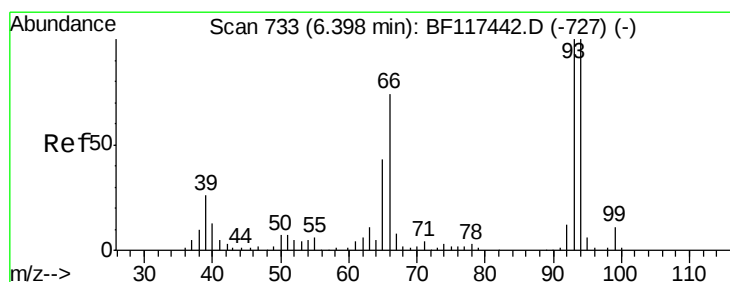
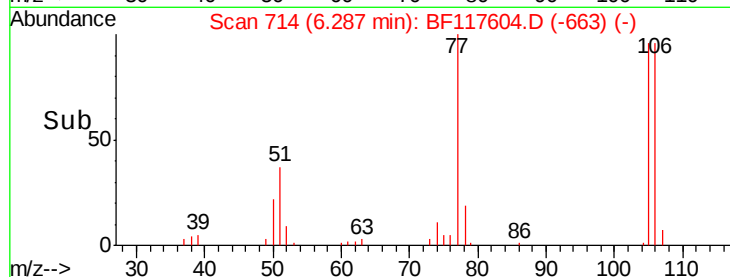
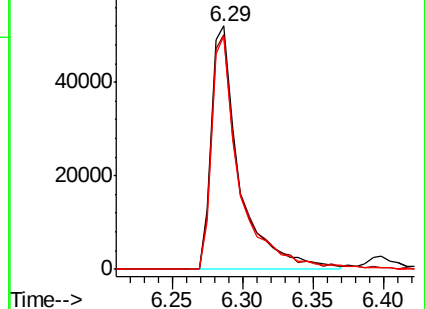
106 95.7 73.0 113.0



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: 39.671 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

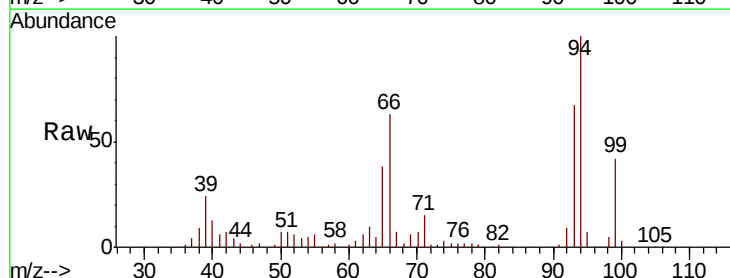
Tgt Ion: 94 Resp: 123560

Ion Ratio Lower Upper

94 100

65 38.0 23.4 63.4

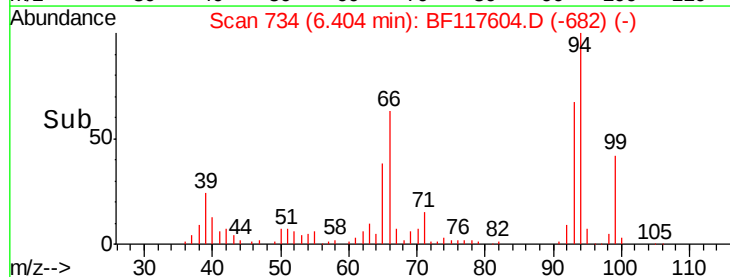
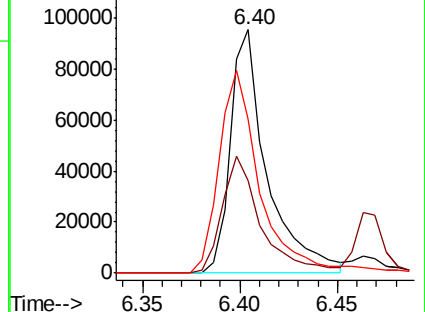
66 63.3 54.7 94.7

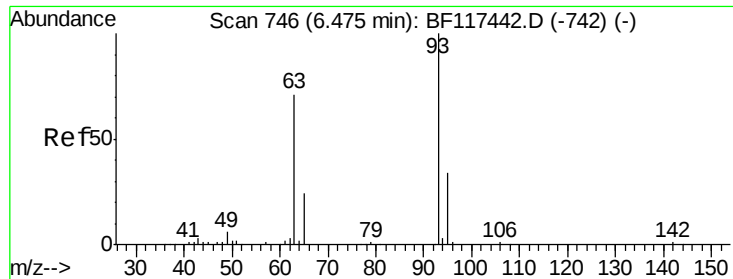


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

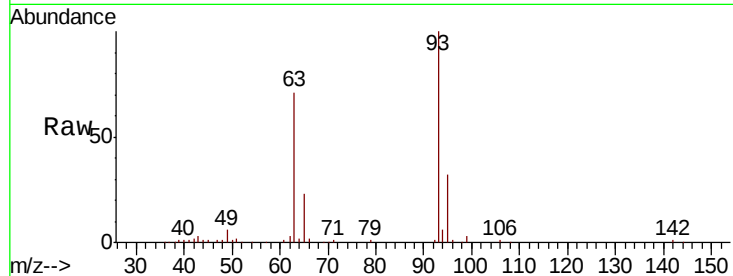




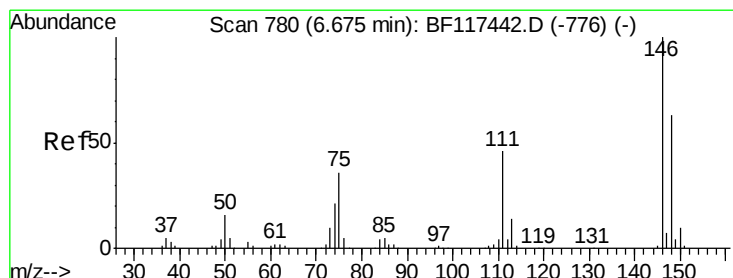
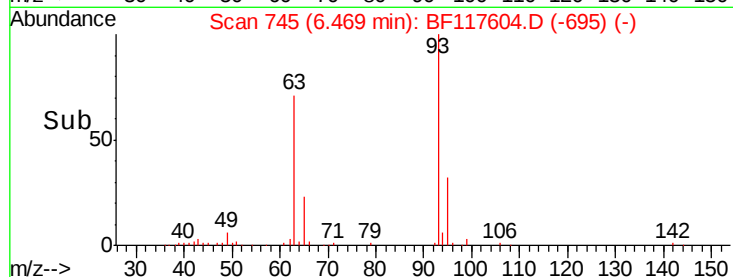
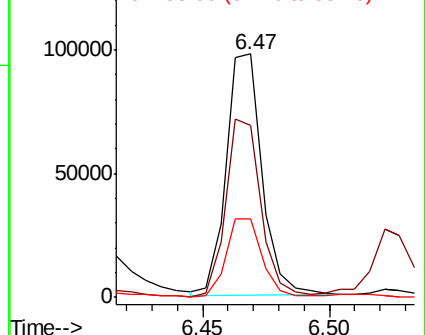
#11
bis(2-Chloroethyl)ether
Concen: 41.693 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion: 93 Resp: 96053
Ion Ratio Lower Upper
93 100
63 70.6 50.2 90.2
95 32.5 13.9 53.9

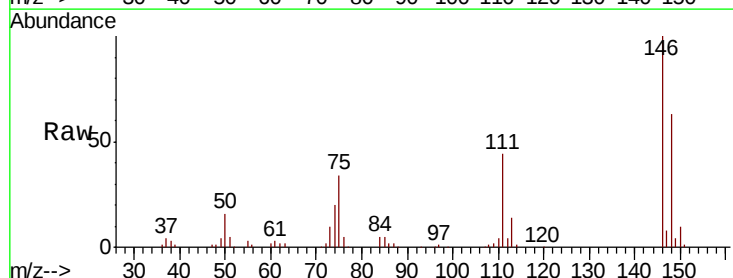


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

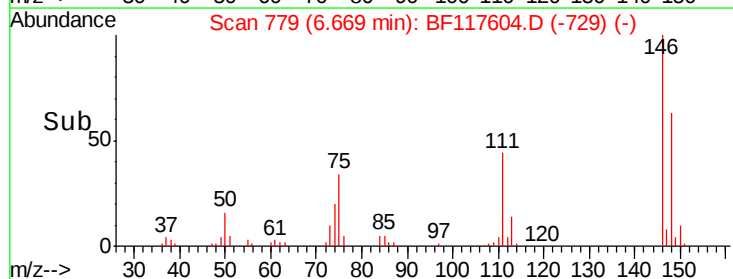
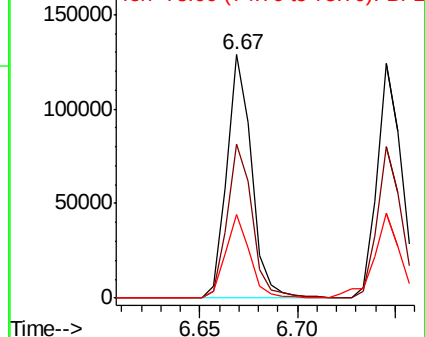


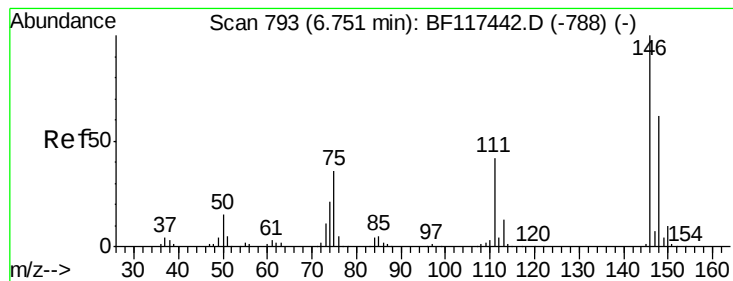
#12
1,3-Dichlorobenzene
Concen: 42.694 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion: 146 Resp: 114228
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 34.4 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: 42.588 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

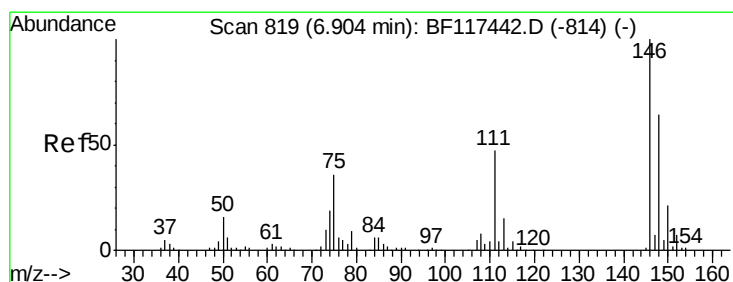
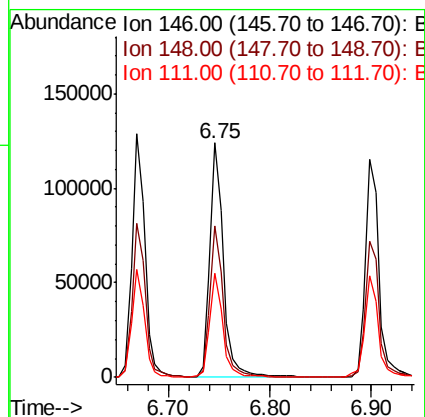
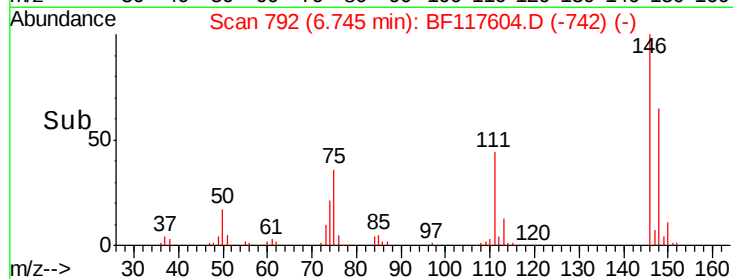
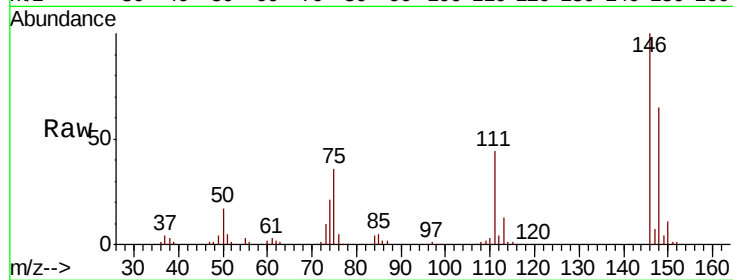
Tot Ion:146 Resp: 115590

Ion Ratio Lower Upper

146 100

148 64.6 49.3 73.9

111 44.2 33.6 50.4



#14

1,2-Dichlorobenzene

Concen: 41.774 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

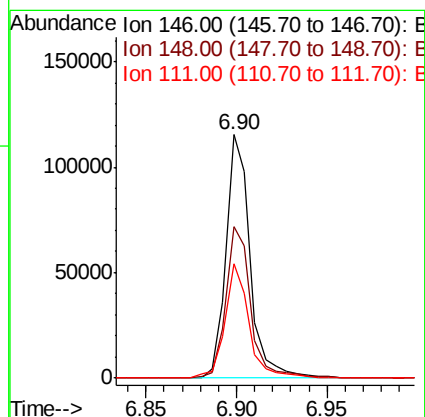
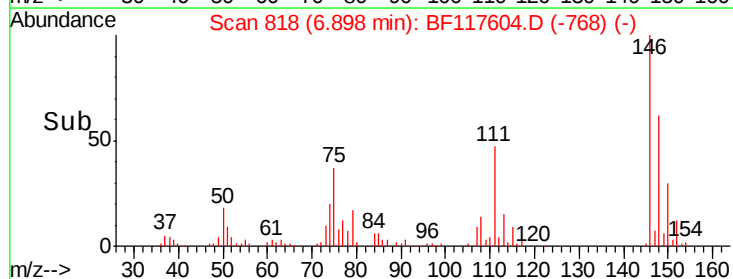
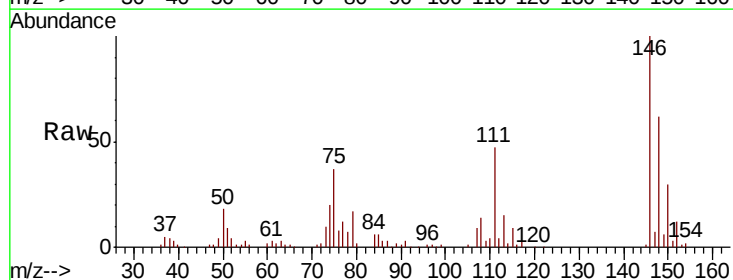
Tgt Ion:146 Resp: 106875

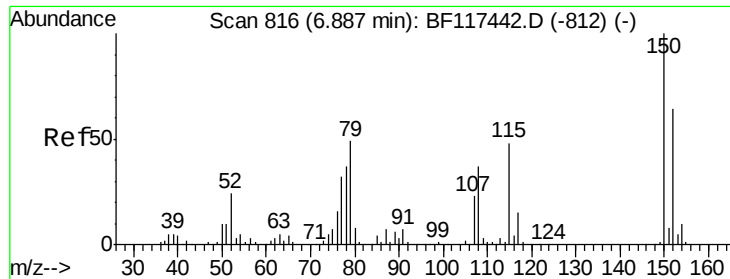
Ion Ratio Lower Upper

146 100

148 62.4 51.4 77.0

111 46.8 37.7 56.5

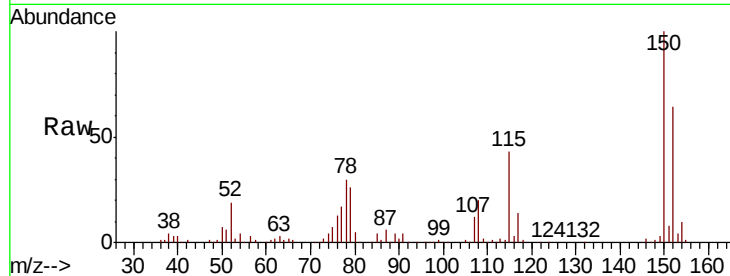




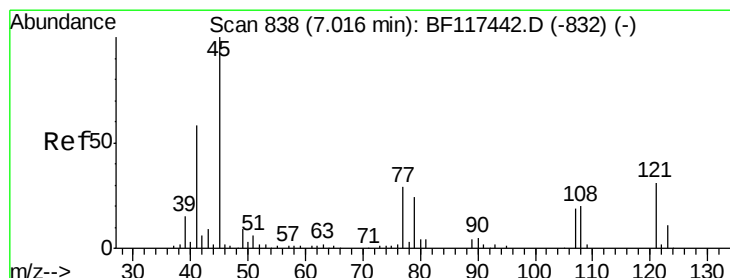
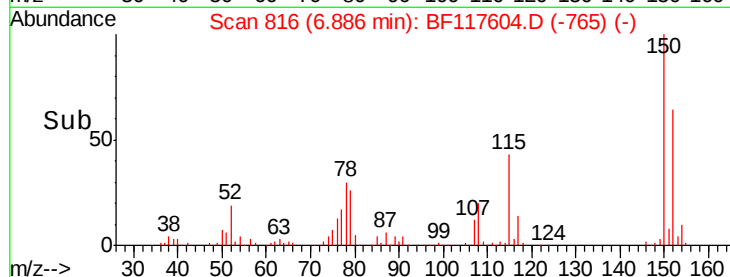
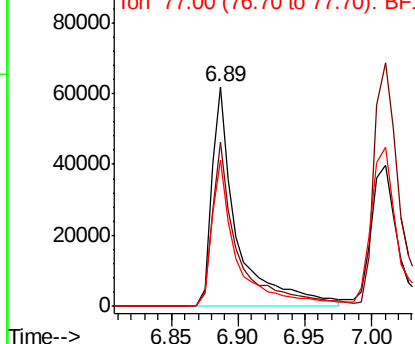
#15
Benzyl Alcohol
Concen: 37.633 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 82049
Ion Ratio Lower Upper
79 100
108 74.8 59.8 89.8
77 66.8 51.4 77.0

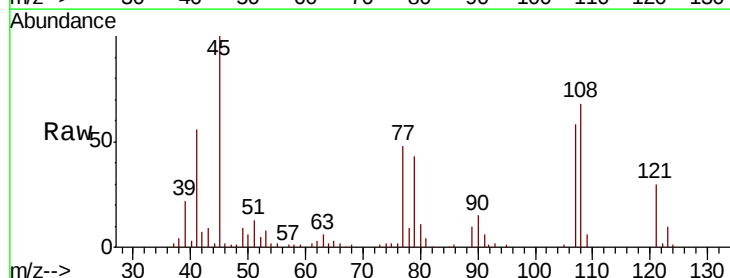


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

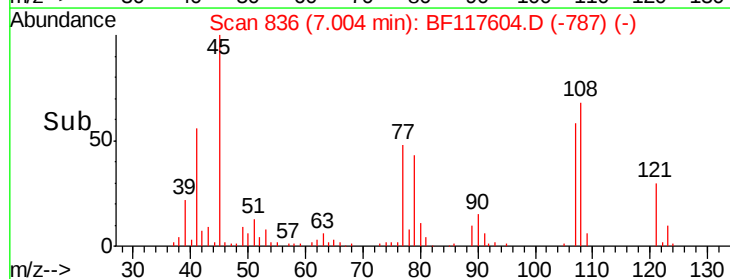
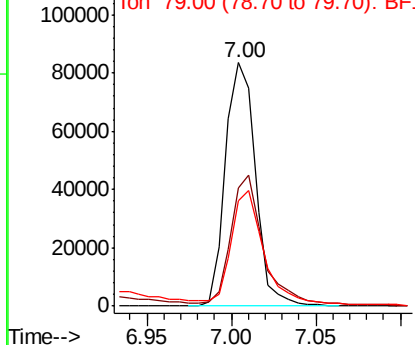


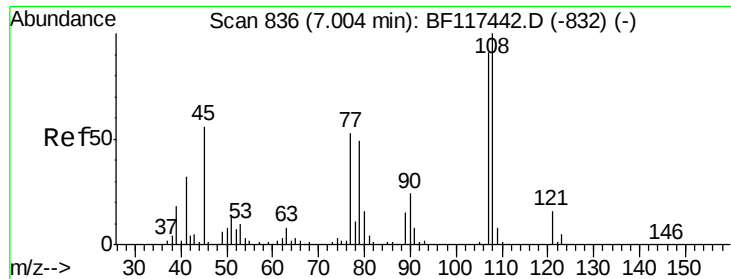
#16
2,2'-oxybis(1-chloropropane)
Concen: 41.500 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion: 45 Resp: 103137
Ion Ratio Lower Upper
45 100
77 48.5 9.9 49.9
79 43.1 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

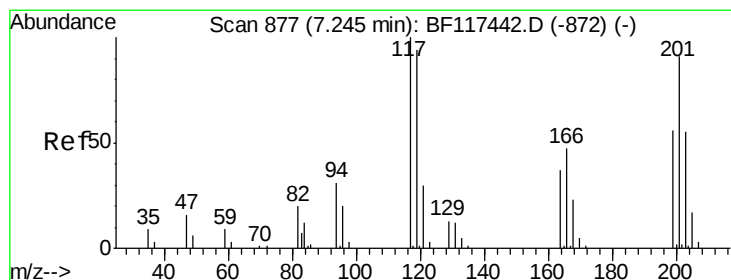
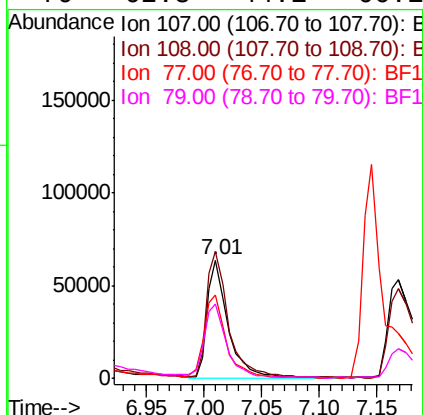
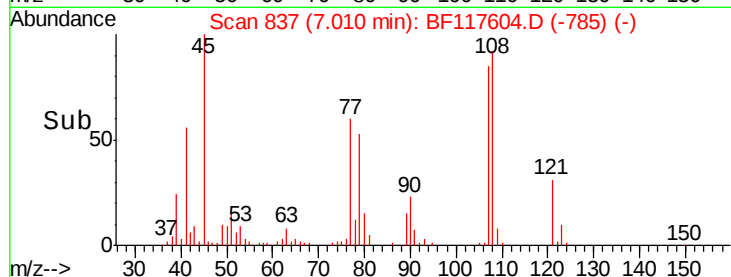
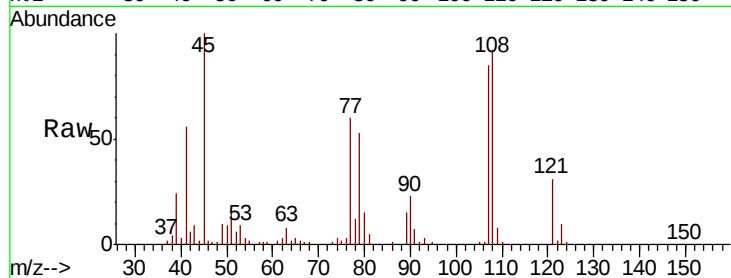




#17
2-Methylphenol
Concen: 40.330 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

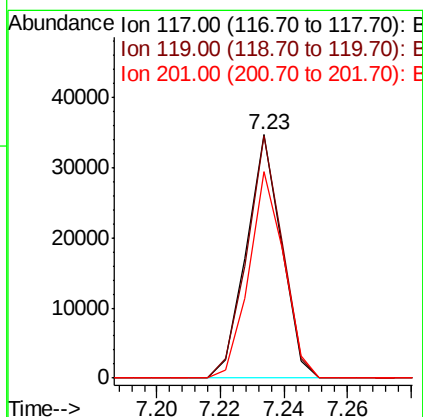
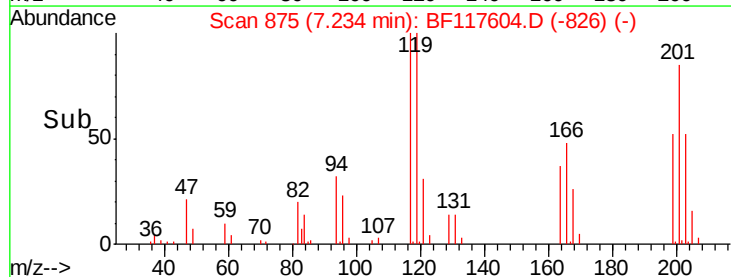
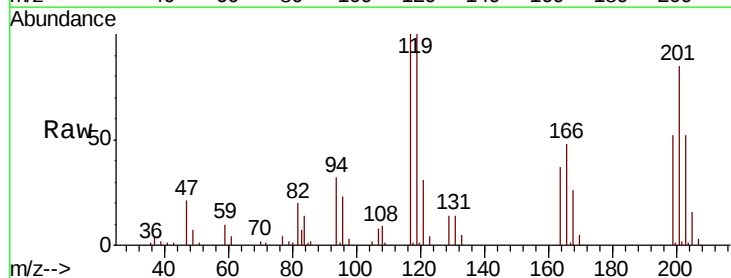
Instrument :
BNA_F
ClientSampled :

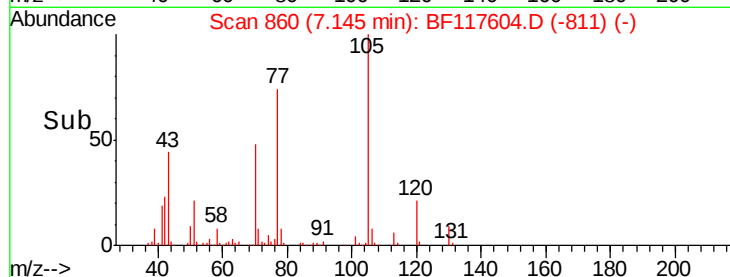
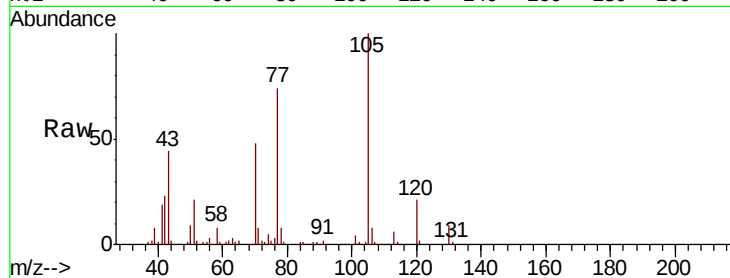
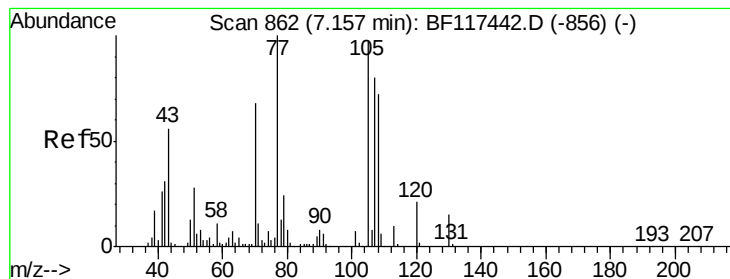
Tot Ion:107 Resp: 79543
Ion Ratio Lower Upper
107 100
108 108.0 88.0 132.0
77 70.6 47.2 70.8
79 62.8 44.1 66.1



#18
Hexachloroethane
Concen: 25.243 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:117 Resp: 26742
Ion Ratio Lower Upper
117 100
119 99.5 75.4 113.0
201 85.0 72.5 108.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.119 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 74771

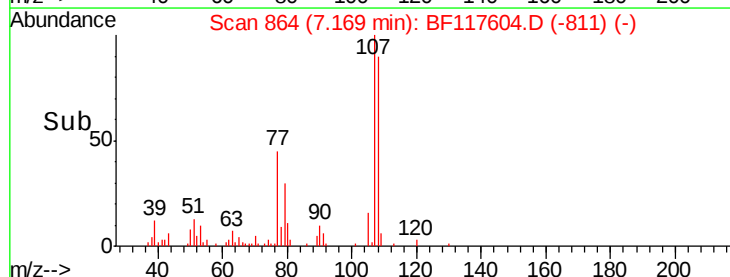
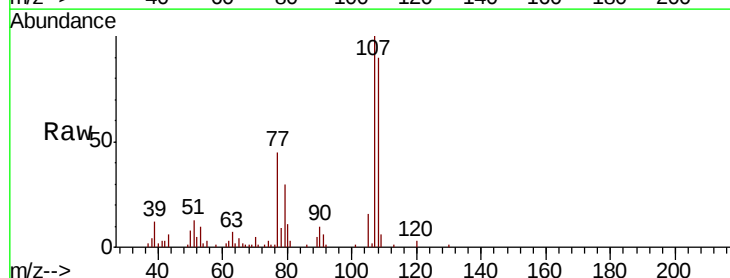
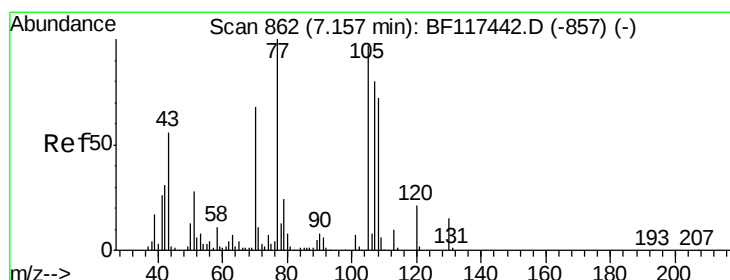
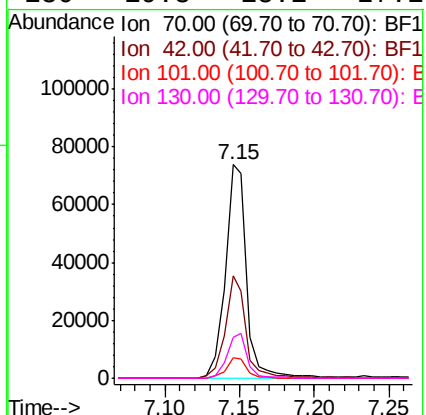
Ion Ratio Lower Upper

70 100

42 48.2 36.7 55.1

101 9.3 8.3 12.5

130 19.3 18.1 27.1



#20

3+4-Methylphenols

Concen: 39.809 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:107 Resp: 102943

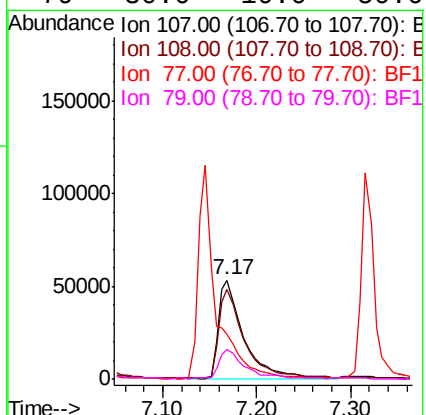
Ion Ratio Lower Upper

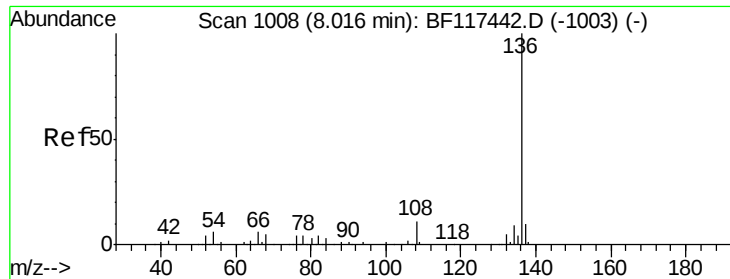
107 100

108 90.4 70.3 110.3

77 45.0 104.8 144.8#

79 30.0 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 126495

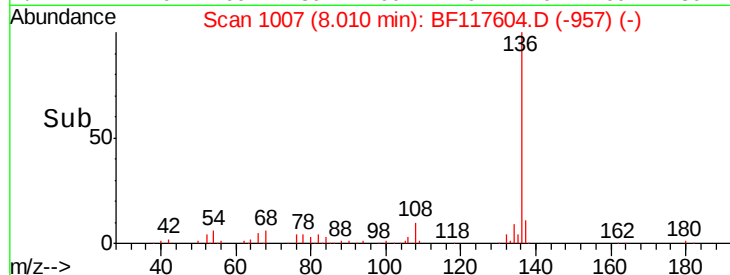
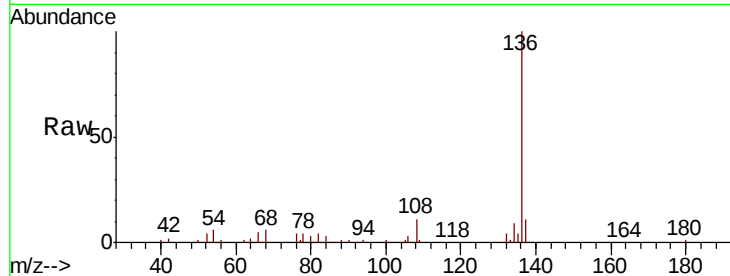
Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

54 6.3 4.5 6.7

68 5.9 4.3 6.5

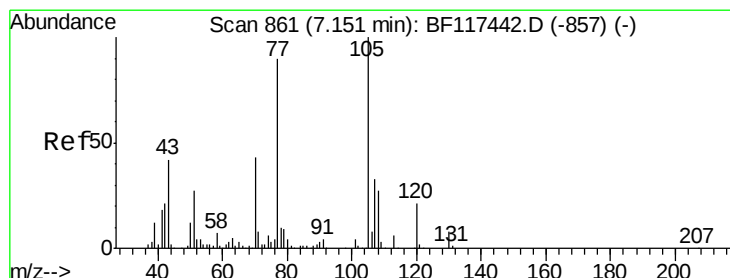
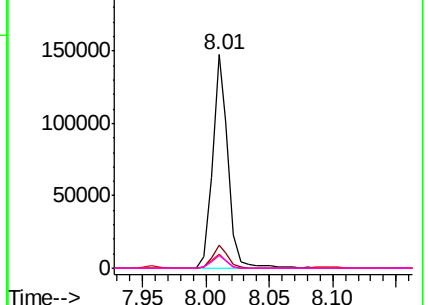


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 46.038 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:105 Resp: 154637

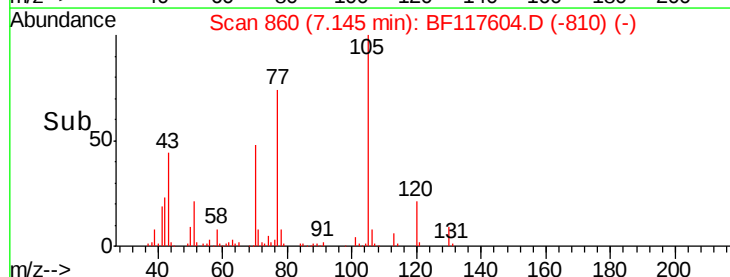
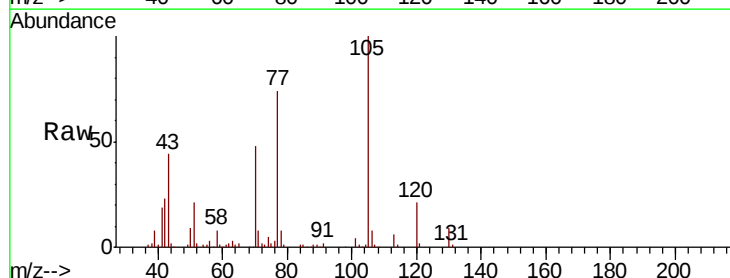
Ion Ratio Lower Upper

105 100

71 7.8 6.2 9.2

51 21.1 21.8 32.6#

120 20.8 16.7 25.1

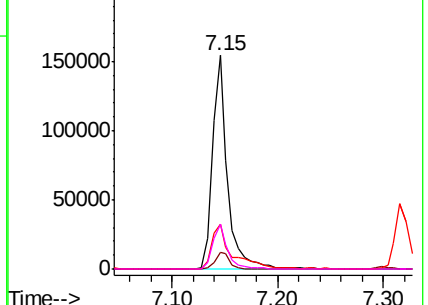


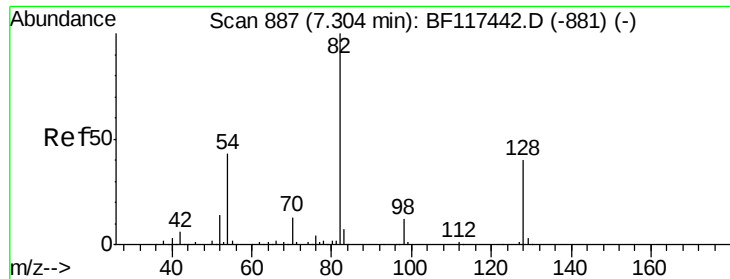
Abundance Ion 105.00 (104.70 to 105.70): E

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

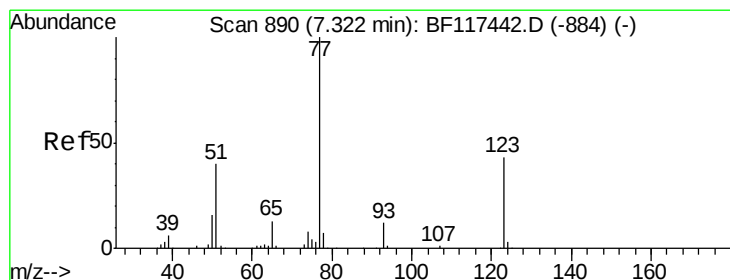
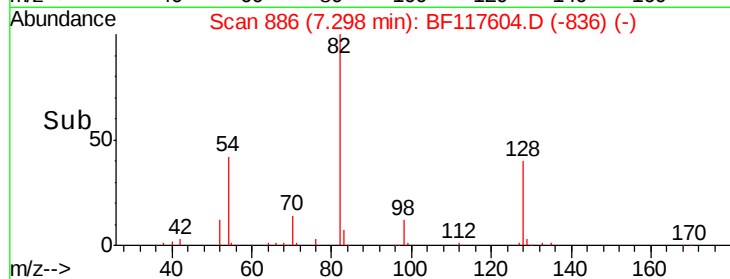
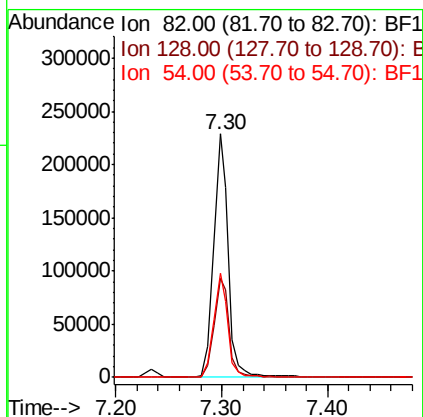
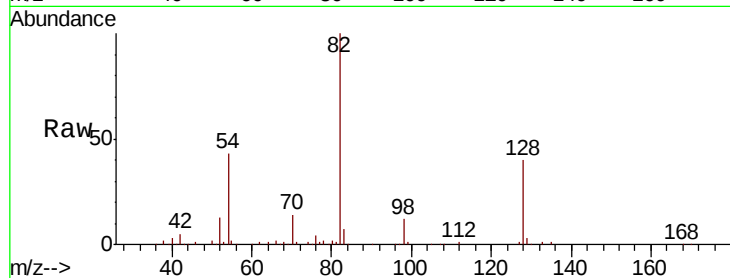




#23
 Nitrobenzene-d5
 Concen: 88.260 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

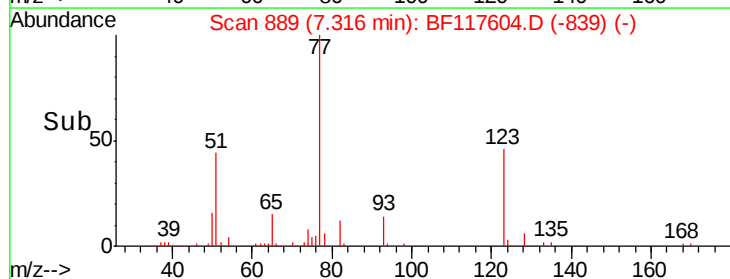
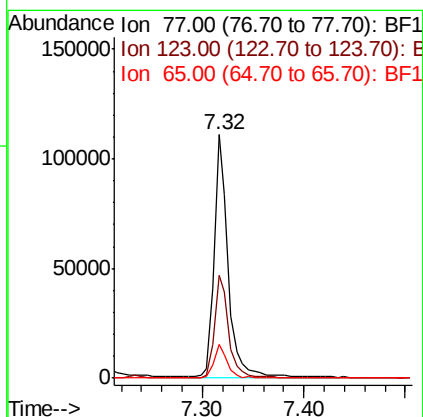
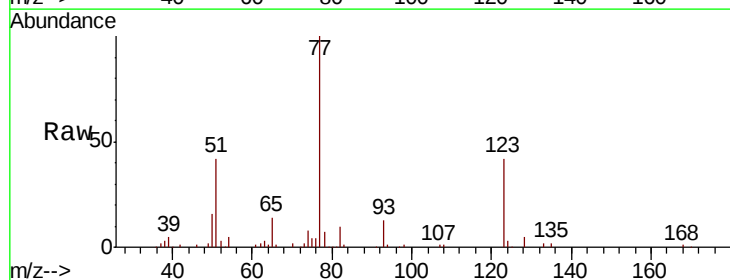
Instrument :
 BNA_F
 ClientSampleId :

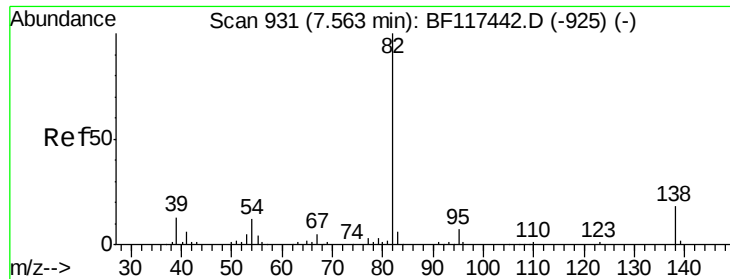
Tot Ion	82	Resp	226147
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.2	48.2
54	42.7	34.2	51.2



#24
 Nitrobenzene
 Concen: 43.559 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	77	Resp	106900
Ion Ratio	Lower	Upper	
77	100		
123	42.2	34.2	51.2
65	13.8	10.3	15.5





#25

Isophorone

Concen: 41.841 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

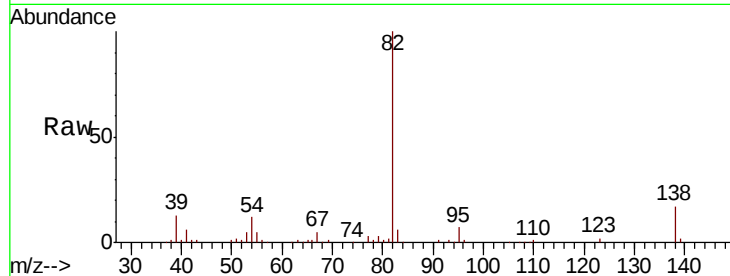
Tot Ion: 82 Resp: 185463

Ion Ratio Lower Upper

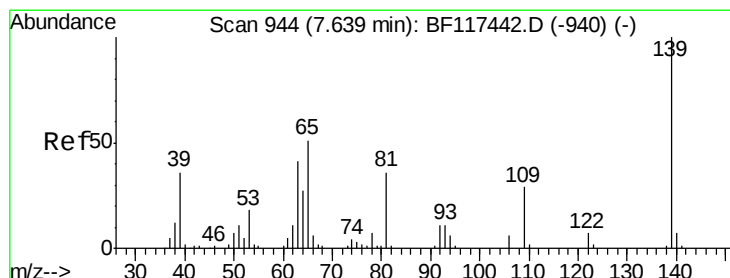
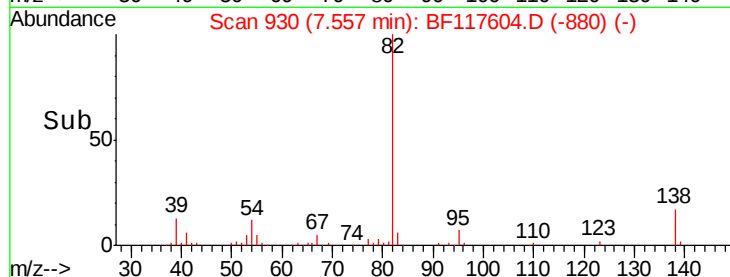
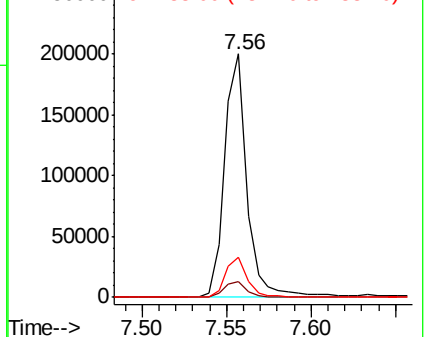
82 100

95 6.7 5.4 8.0

138 16.7 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: 25.150 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

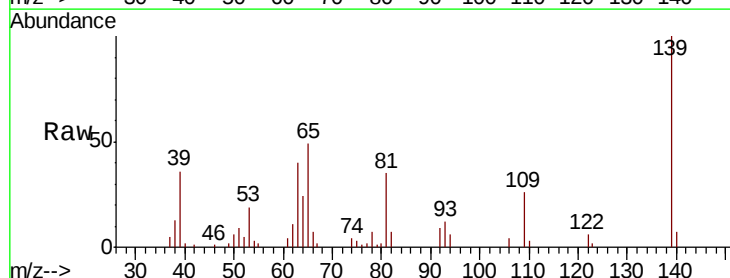
Tgt Ion: 139 Resp: 27528

Ion Ratio Lower Upper

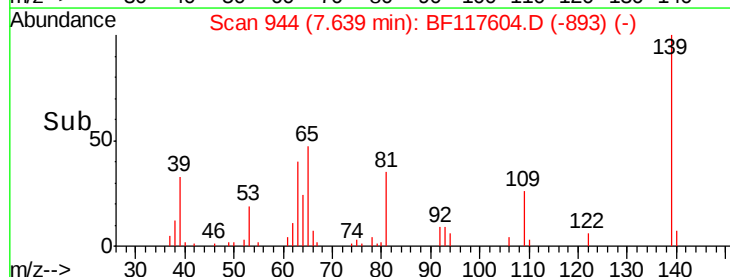
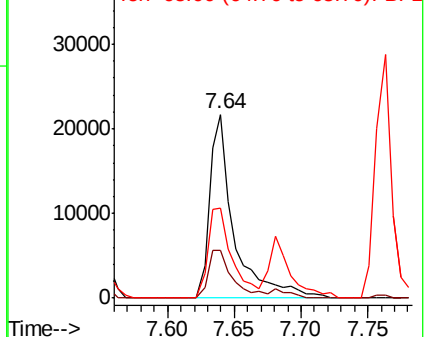
139 100

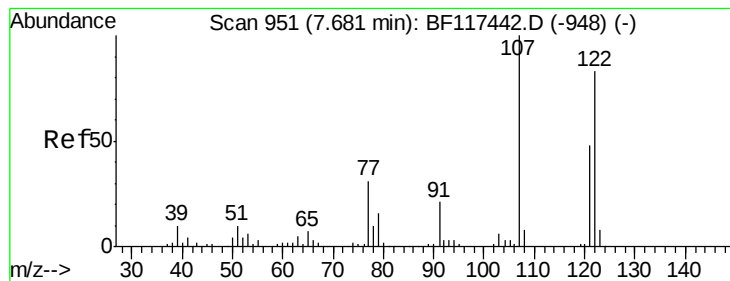
109 26.2 23.2 34.8

65 49.1 41.1 61.7



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

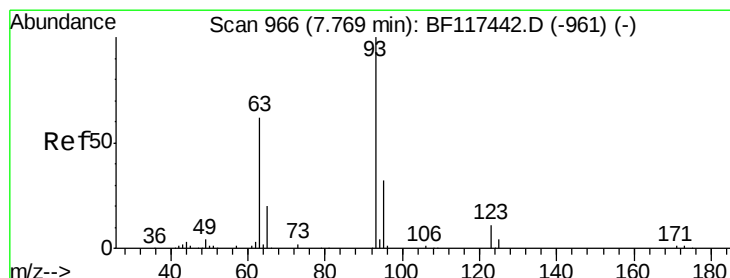
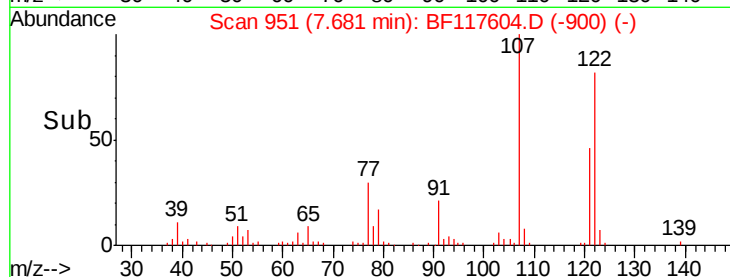
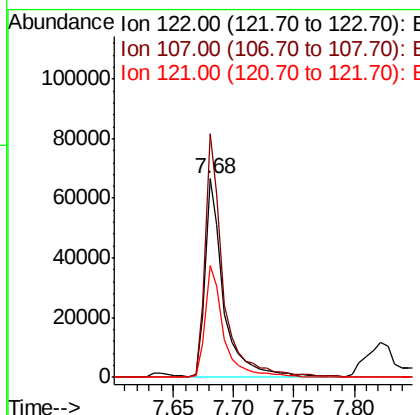
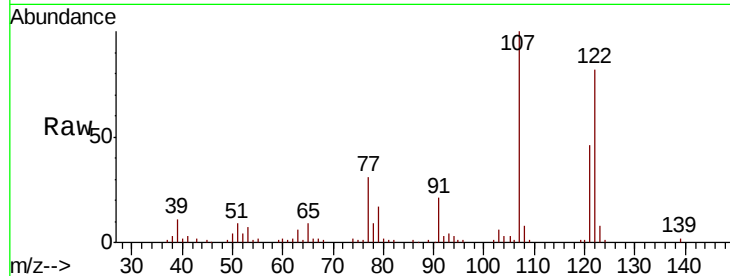




#27
 2,4-Dimethylphenol
 Concen: 43.569 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

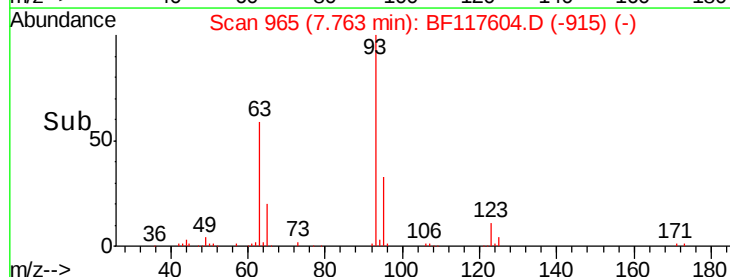
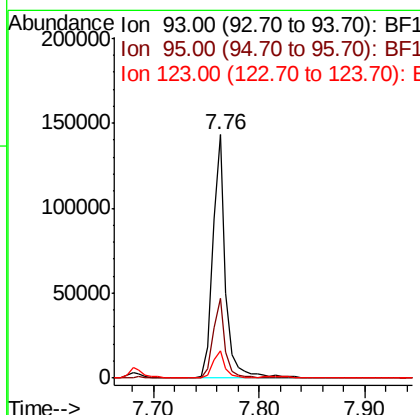
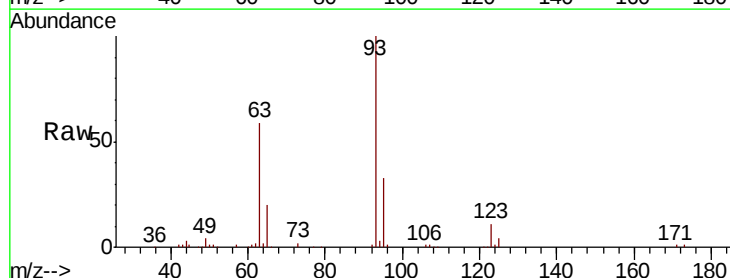
Instrument :
 BNA_F
 ClientSampleId :

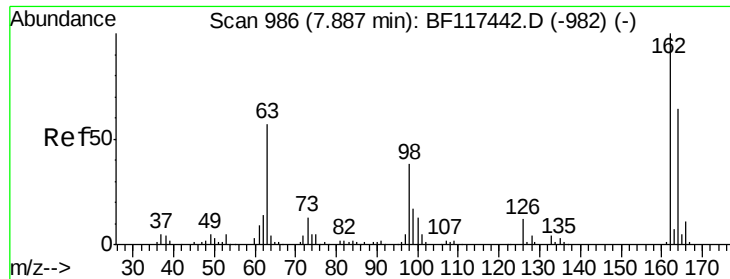
Tot Ion:122 Resp: 71269
 Ion Ratio Lower Upper
 122 100
 107 122.5 96.8 145.2
 121 56.0 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.242 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion: 93 Resp: 121007
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.5 38.3
 123 11.0 9.0 13.6

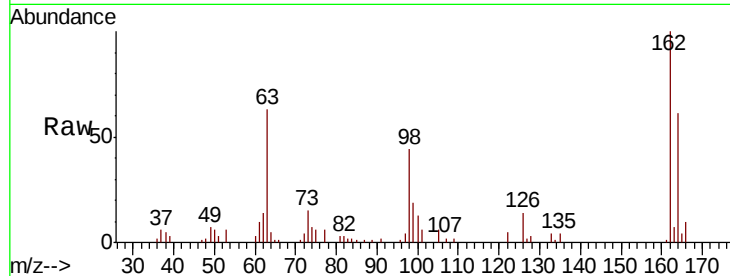




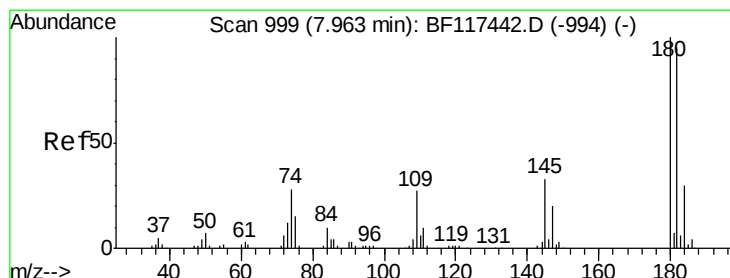
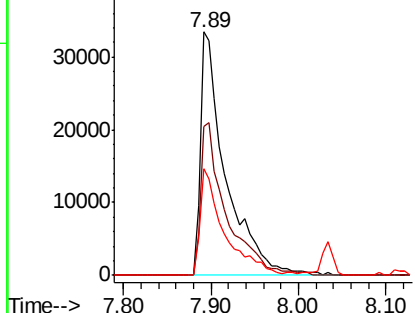
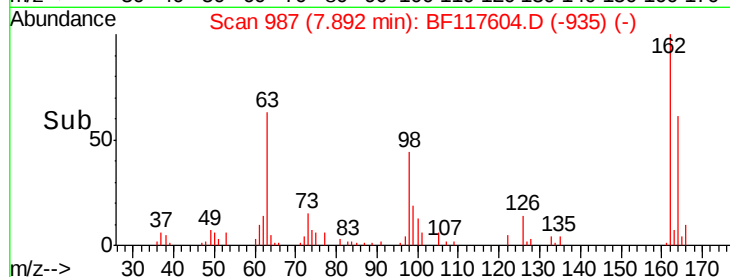
#29
2,4-Dichlorophenol
Concen: 38.889 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 66724
Ion Ratio Lower Upper
162 100
164 61.1 44.4 84.4
98 43.7 18.2 58.2

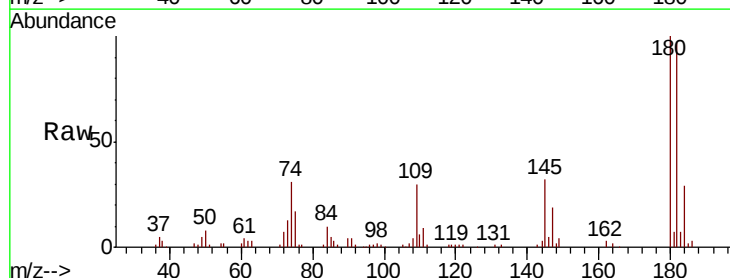


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

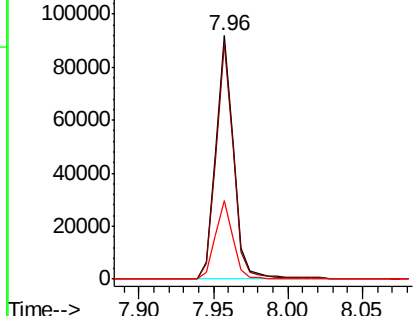
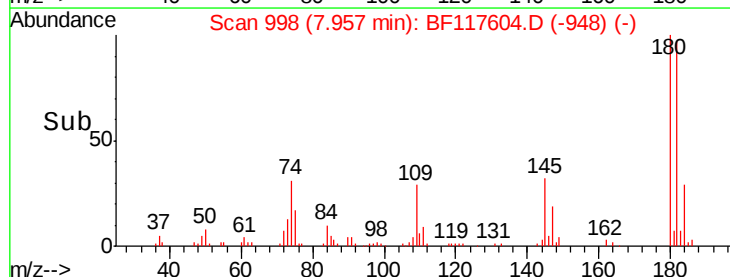


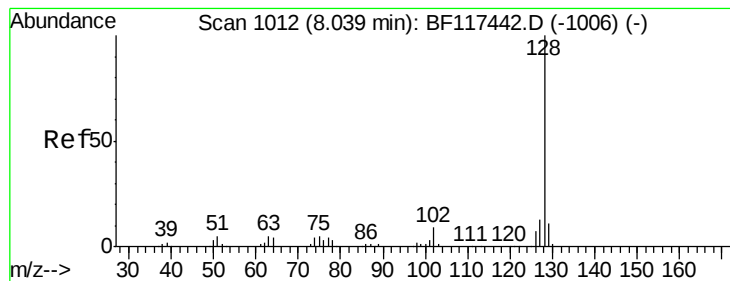
#30
1,2,4-Trichlorobenzene
Concen: 41.748 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:180 Resp: 76867
Ion Ratio Lower Upper
180 100
182 96.9 75.8 113.8
145 32.4 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: 42.272 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

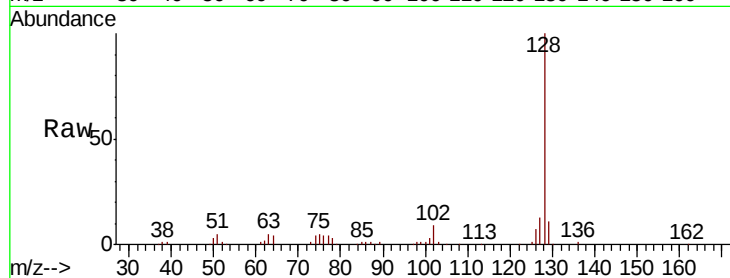
Tot Ion:128 Resp: 265042

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

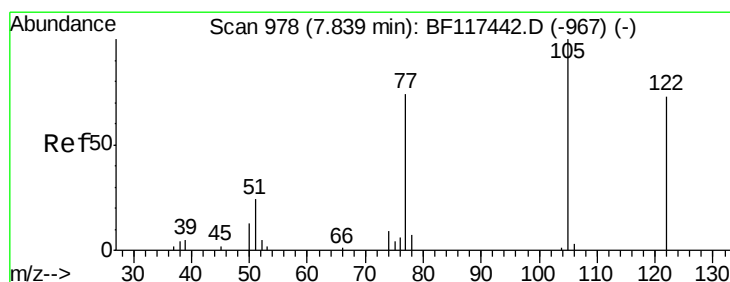
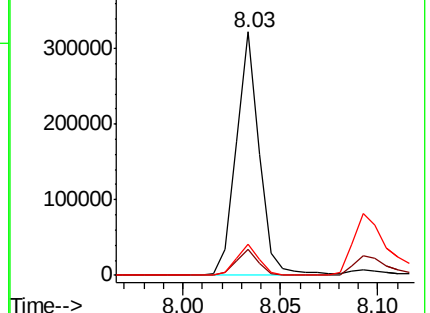
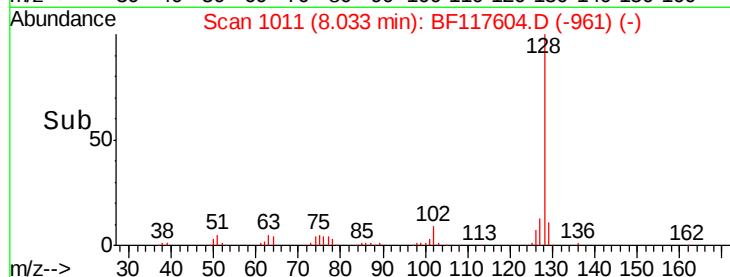
127 12.6 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.247 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

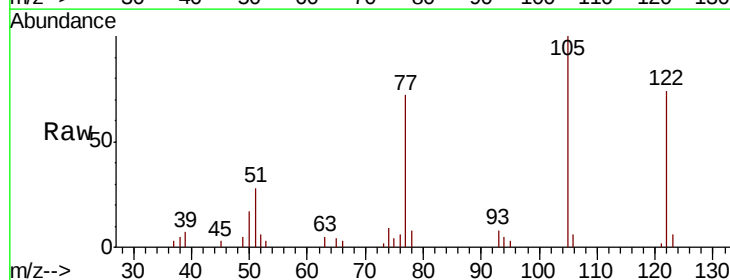
Tgt Ion:122 Resp: 19324

Ion Ratio Lower Upper

122 100

105 135.0 115.0 155.0

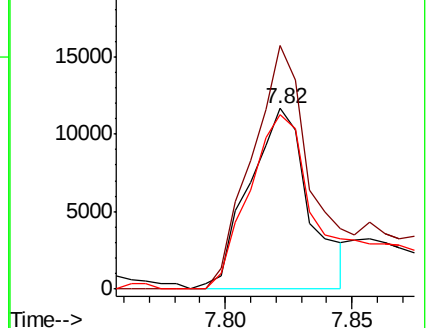
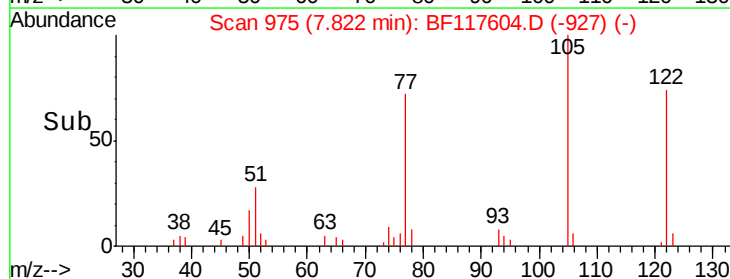
77 97.1 79.7 119.7

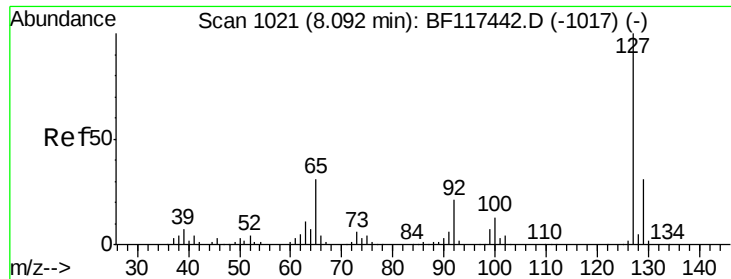


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

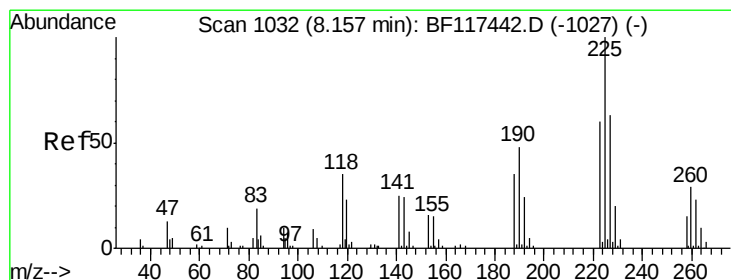
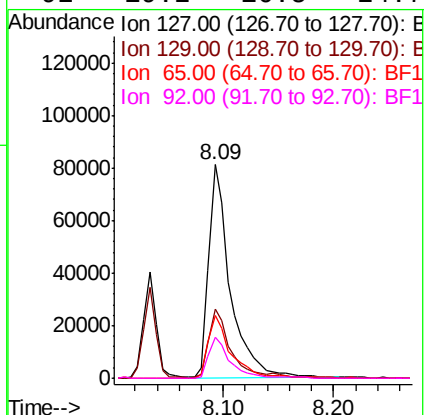
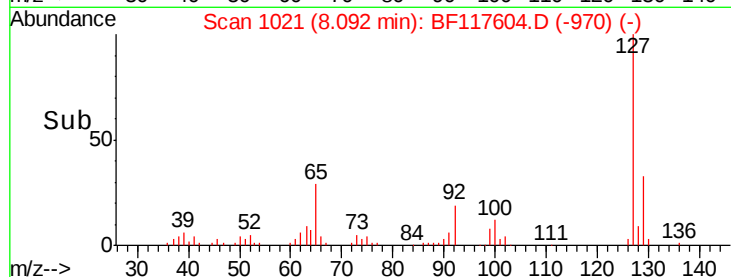
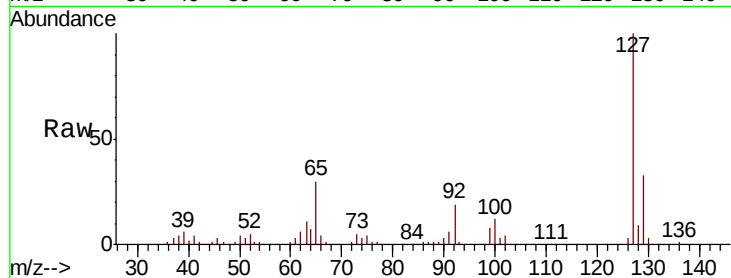




#33
4-Chloroaniline
Concen: 40.787 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

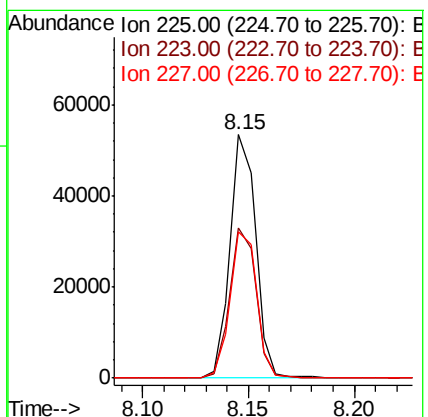
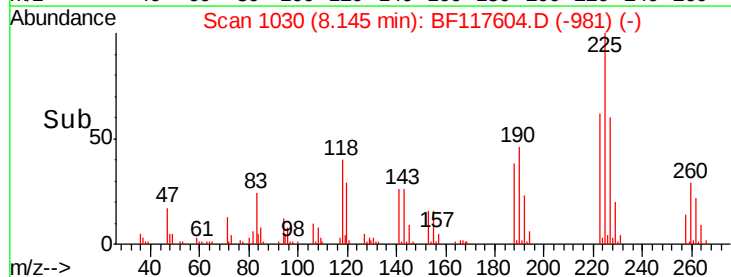
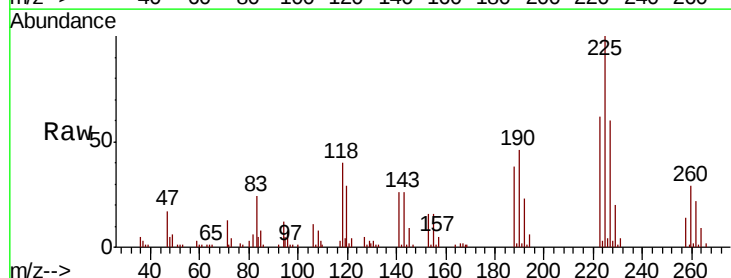
Instrument :
BNA_F
ClientSampled :

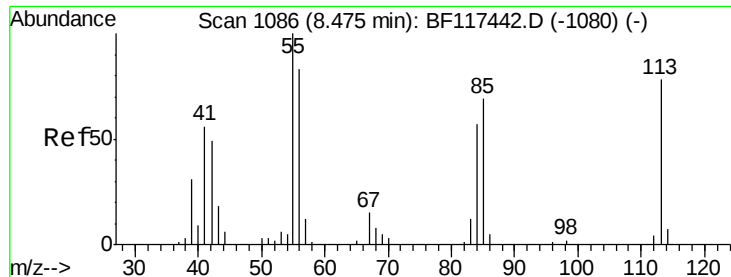
Tot Ion:127	Resp:	107929
Ion Ratio	Lower	Upper
127	100	
129	32.5	24.8 37.2
65	29.6	24.6 37.0
92	19.2	16.5 24.7



#34
Hexachlorobutadiene
Concen: 42.218 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:225	Resp:	44992
Ion Ratio	Lower	Upper
225	100	
223	61.8	48.2 72.4
227	60.2	50.2 75.4

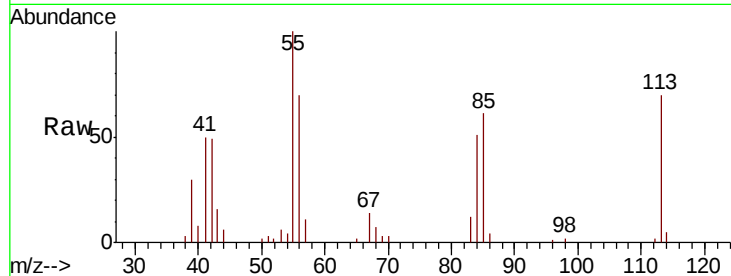




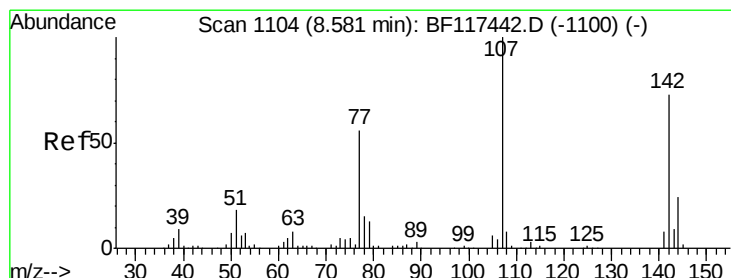
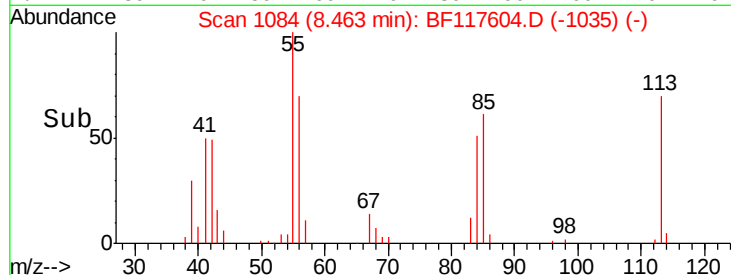
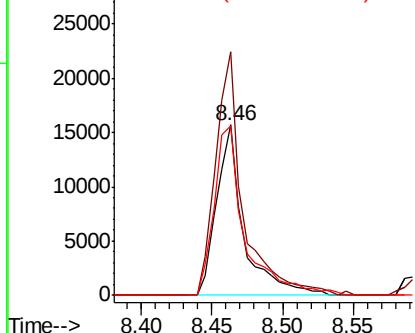
#35
Caprolactam
Concen: 37.870 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 20873
Ion Ratio Lower Upper
113 100
55 143.0 108.8 148.8
56 99.5 87.2 127.2

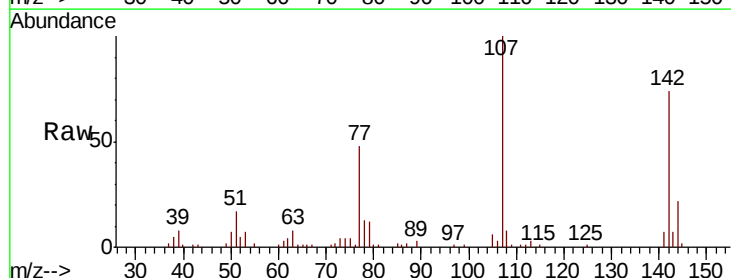


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

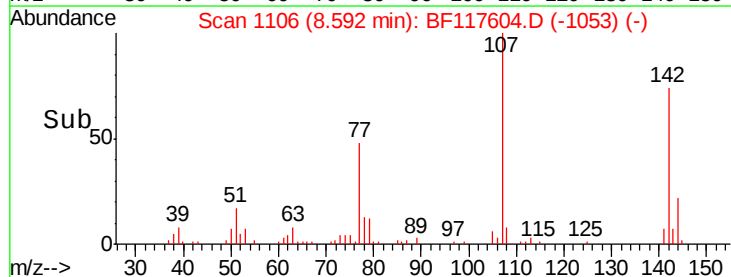
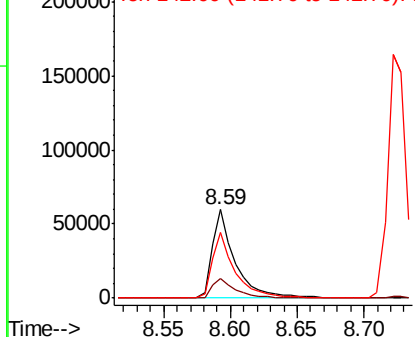


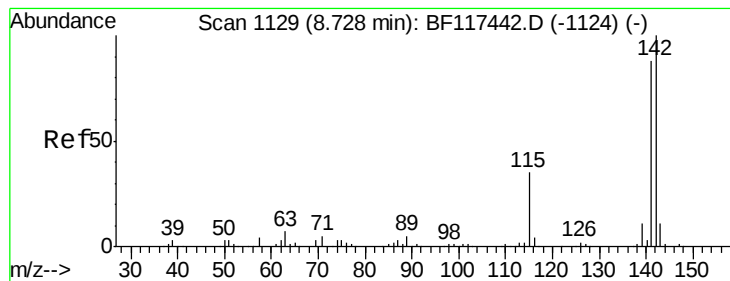
#36
4-Chloro-3-methylphenol
Concen: 36.706 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:107 Resp: 71824
Ion Ratio Lower Upper
107 100
144 22.2 18.9 28.3
142 73.9 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: 38.759 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

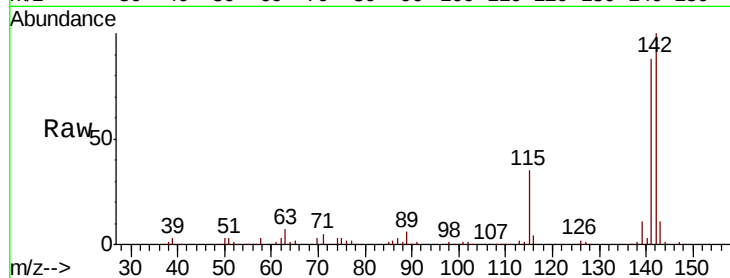
Tot Ion:142 Resp: 163752

Ion Ratio Lower Upper

142 100

141 87.7 70.3 105.5

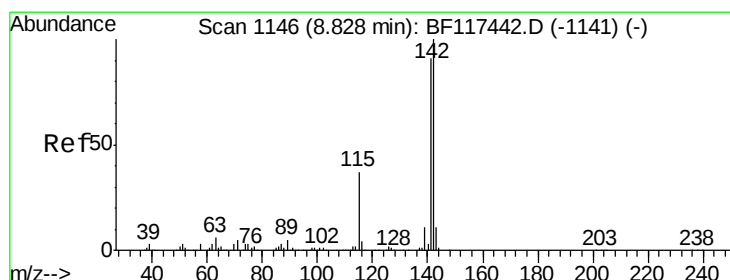
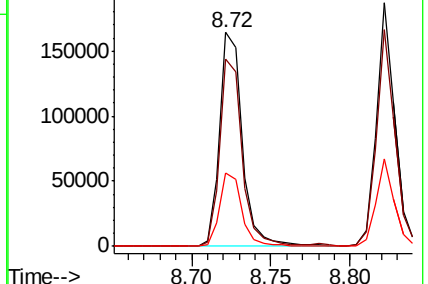
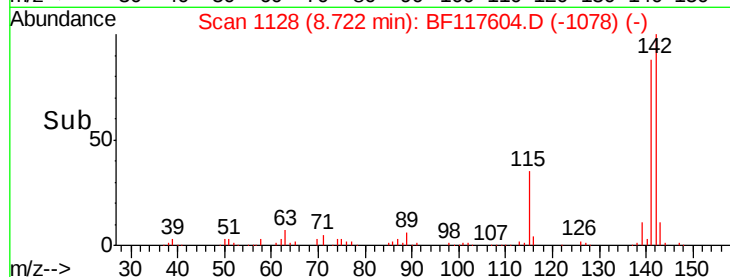
115 34.5 28.2 42.2



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: 38.439 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

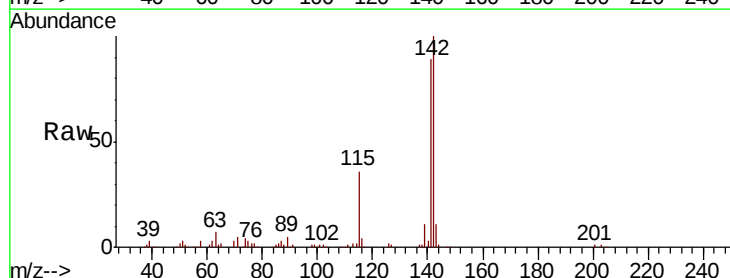
Tgt Ion:142 Resp: 152604

Ion Ratio Lower Upper

142 100

141 89.3 73.3 109.9

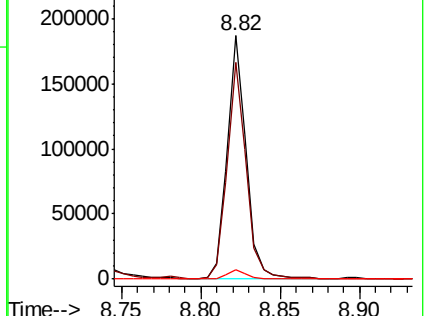
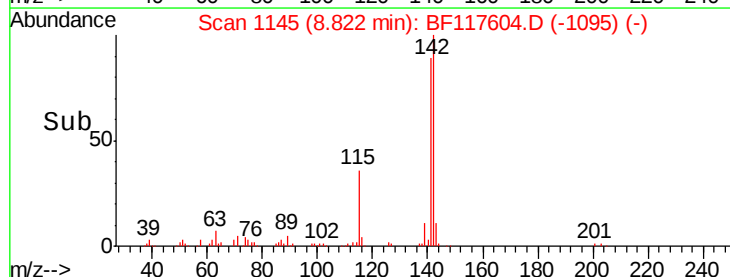
116 3.9 3.1 4.7

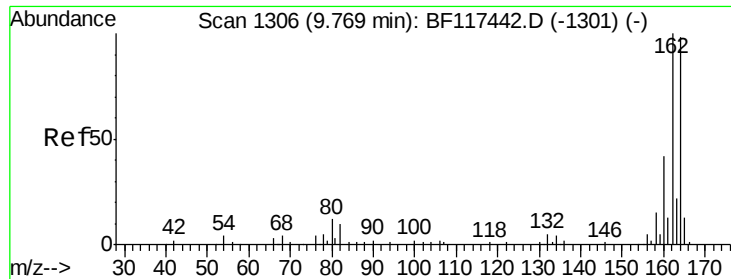


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

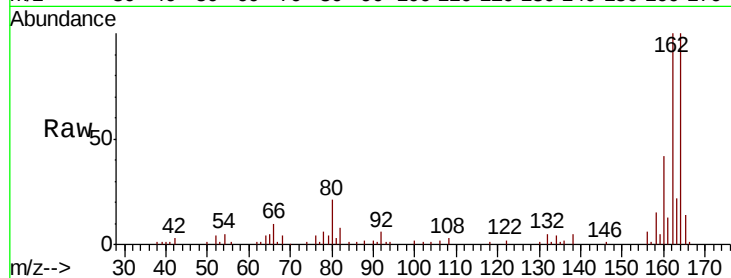
Tot Ion:164 Resp: 53699

Ion Ratio Lower Upper

164 100

162 99.7 81.8 122.6

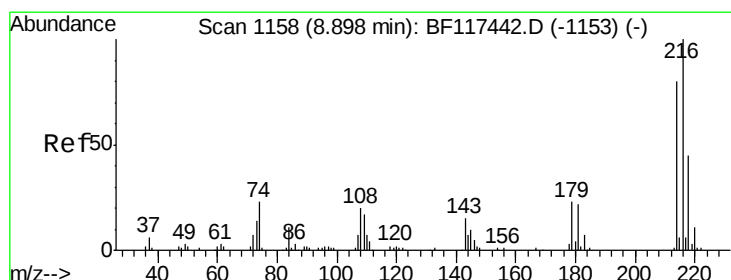
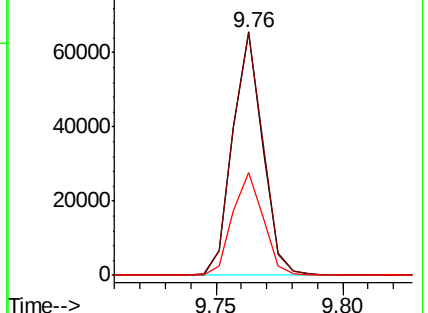
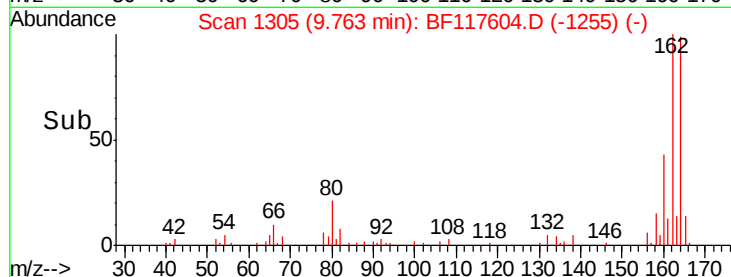
160 42.4 34.4 51.6



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: 45.240 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:216 Resp: 65431

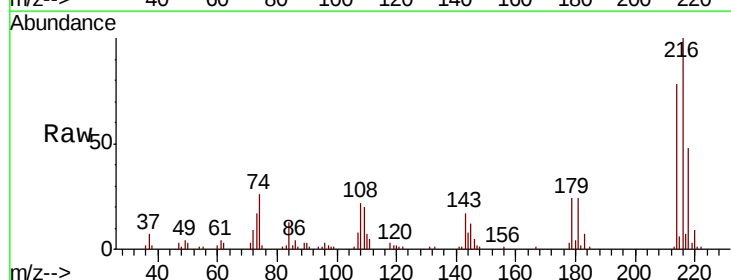
Ion Ratio Lower Upper

216 100

214 78.5 62.4 93.6

179 22.2 18.1 27.1

108 19.8 16.6 24.8

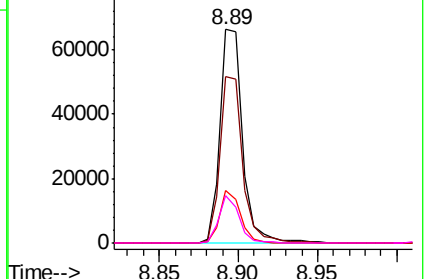
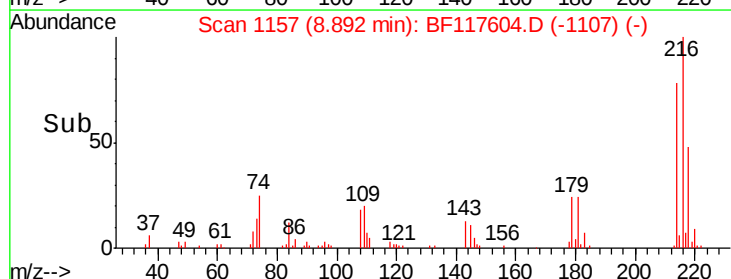


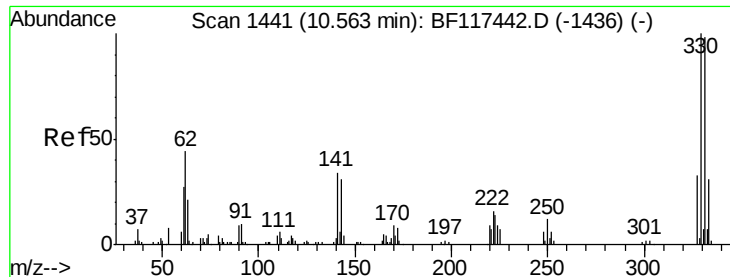
Abundance Ion 216.00 (215.70 to 216.70): E

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

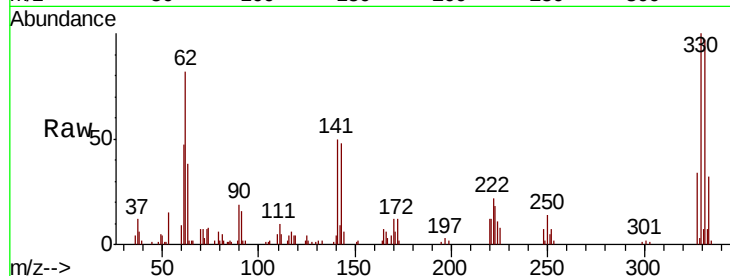




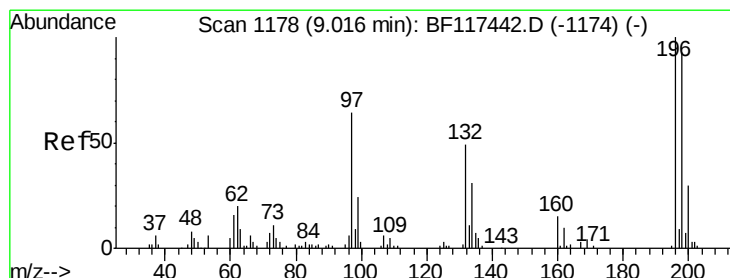
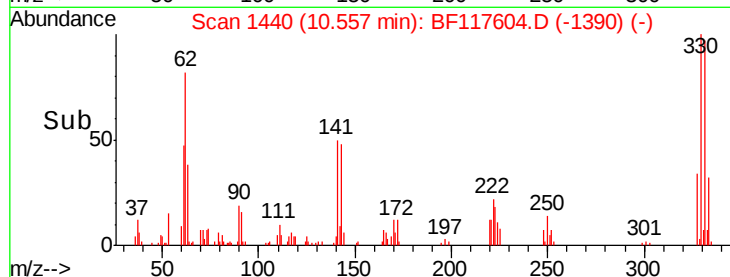
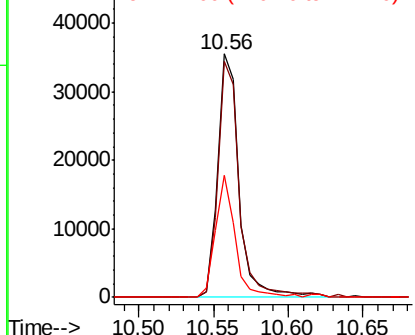
#42
 2,4,6-Tribromophenol
 Concen: 77.041 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.5	117.7
141	45.9	37.0	55.6

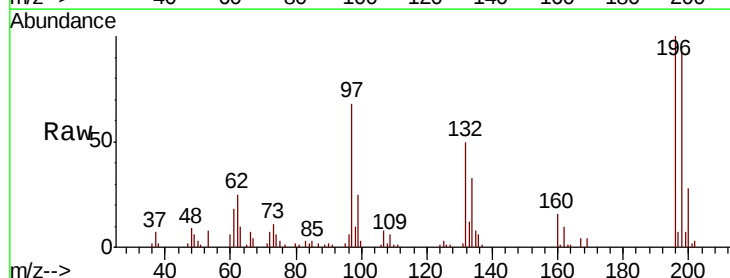


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

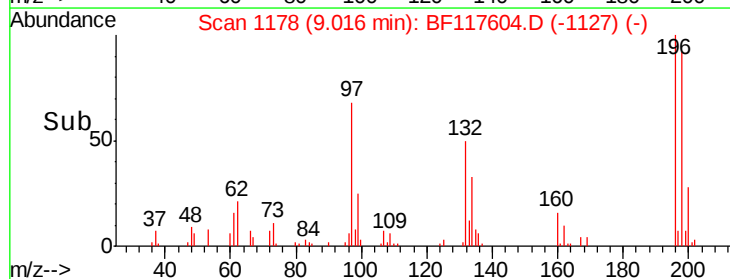
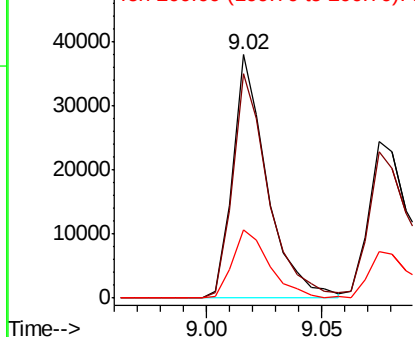


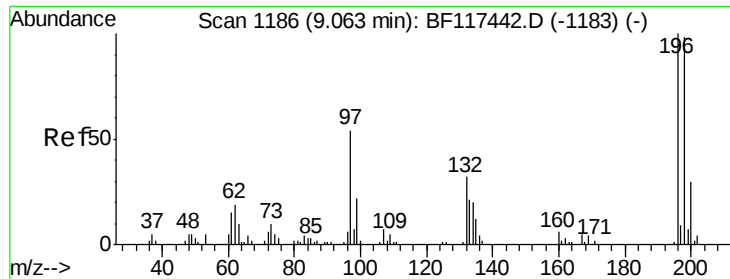
#43
 2,4,6-Trichlorophenol
 Concen: 43.390 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.1	111.1
200	28.0	23.9	35.9



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

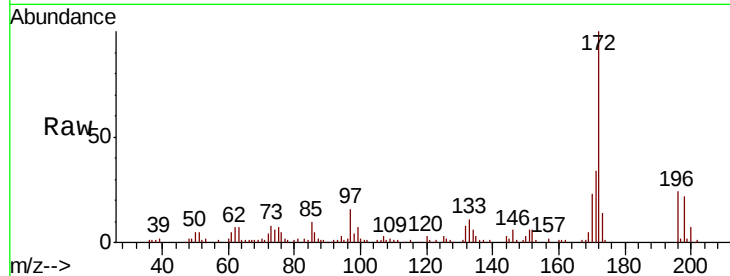




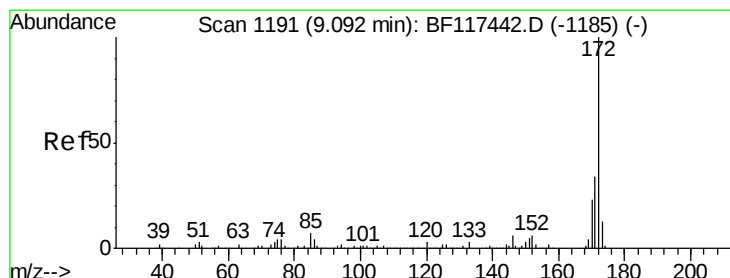
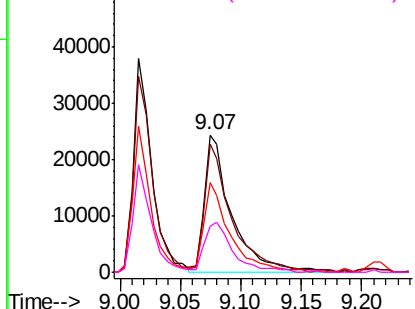
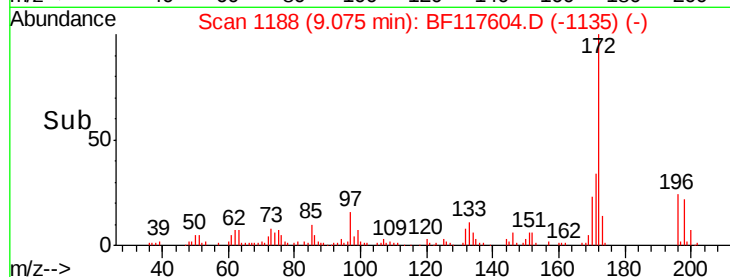
#44
 2,4,5-Trichlorophenol
 Concen: 41.659 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	38234
Ion Ratio	Lower	Upper
196	100	
198	93.5	78.6 117.8
97	65.4	43.4 65.2#
132	33.5	26.0 39.0

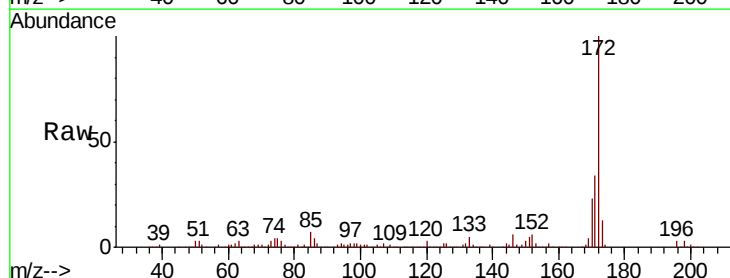


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

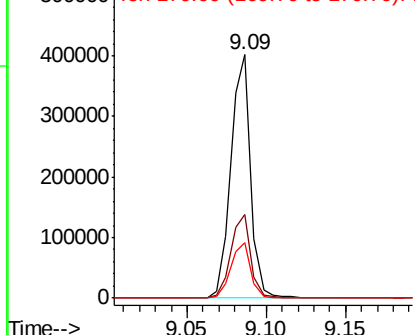
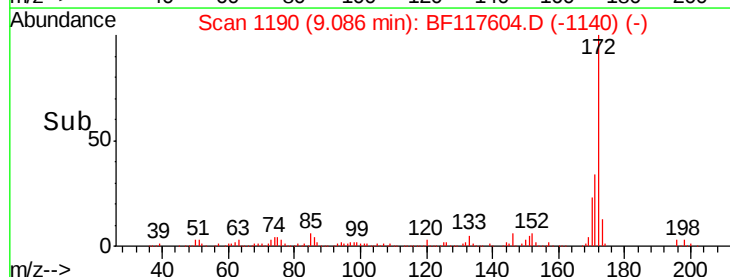


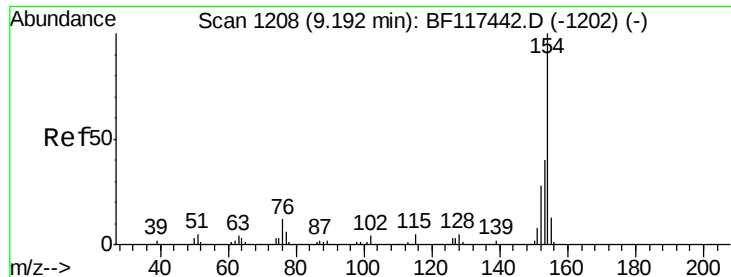
#45
 2-Fluorobiphenyl
 Concen: 90.733 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion:172	Resp:	345799
Ion Ratio	Lower	Upper
172	100	
171	34.4	27.5 41.3
170	22.9	18.6 27.8



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

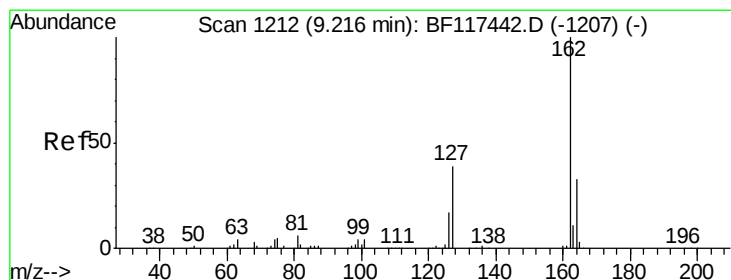
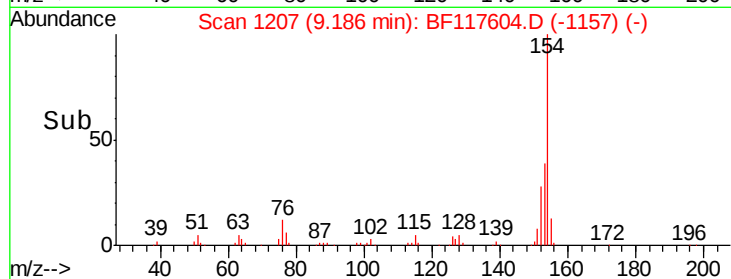
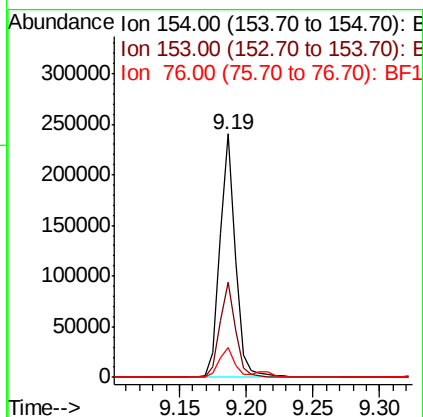
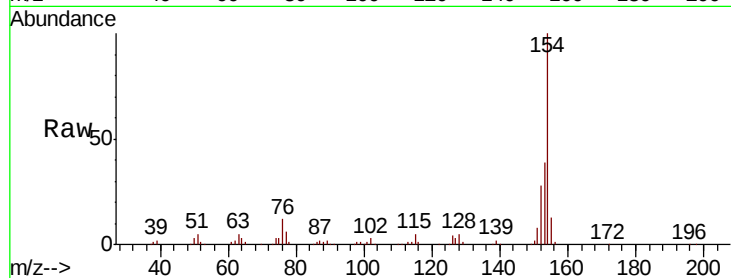




#46
 1,1'-Biphenyl
 Concen: 44.667 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

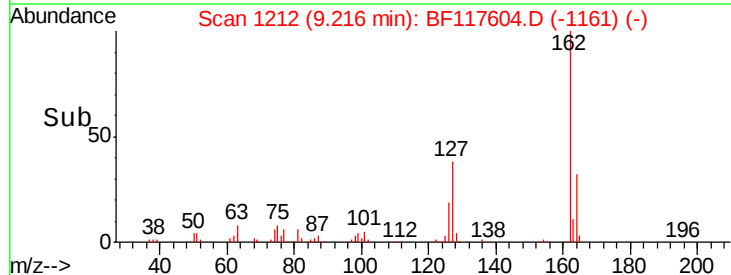
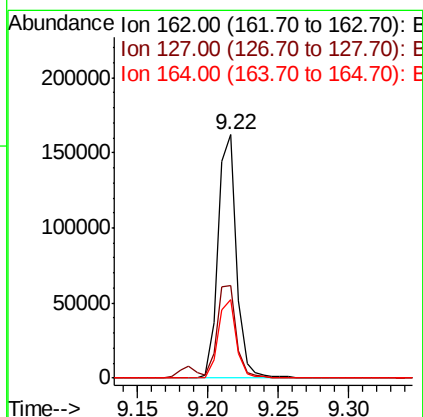
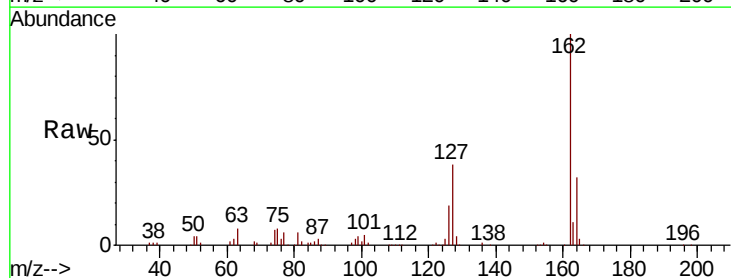
Instrument :
 BNA_F
 ClientSampleId :

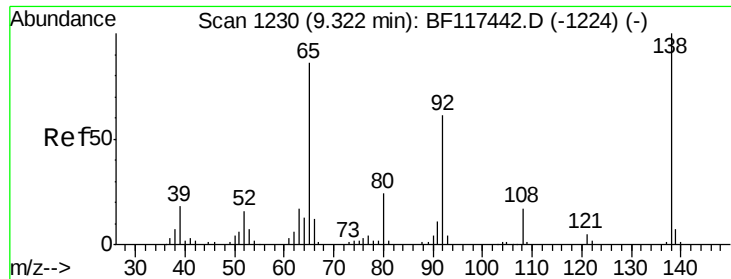
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	12.1	0.0	32.1



#47
 2-Chloronaphthalene
 Concen: 44.080 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	34.2	51.4
164	32.4	26.4	39.6

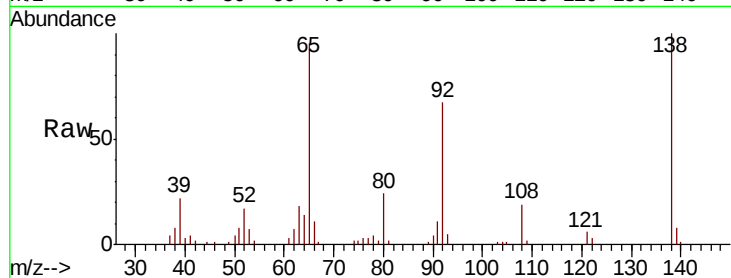




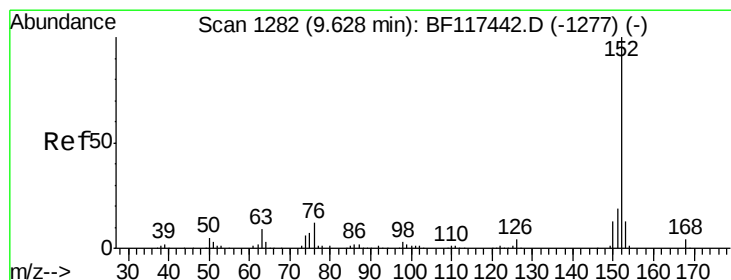
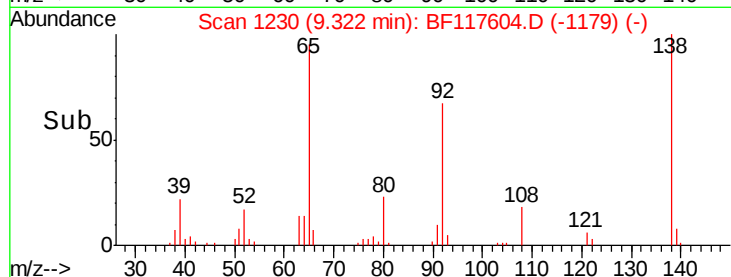
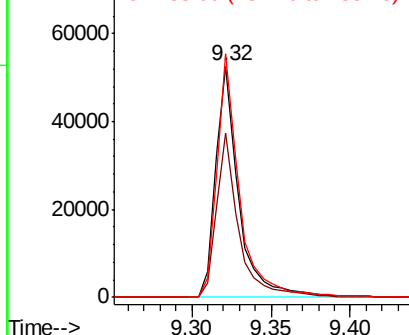
#48
 2-Nitroaniline
 Concen: 48.127 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.3	85.9
138	105.5	93.3	139.9

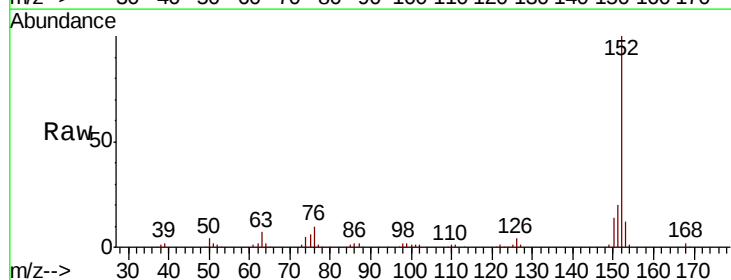


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

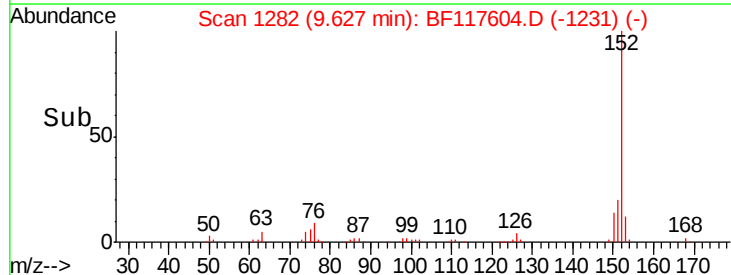
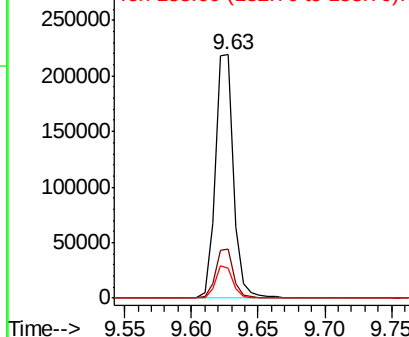


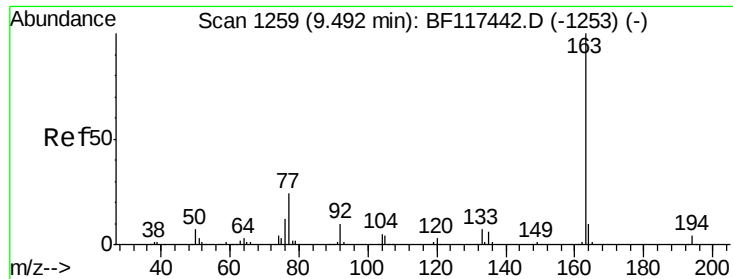
#49
 Acenaphthylene
 Concen: 43.041 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0
153	12.5	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

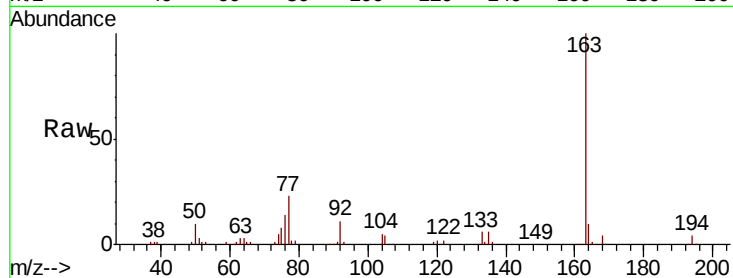




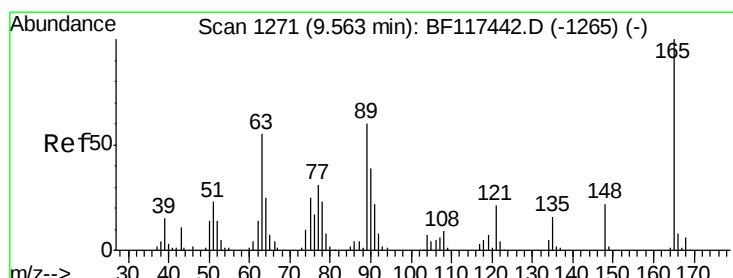
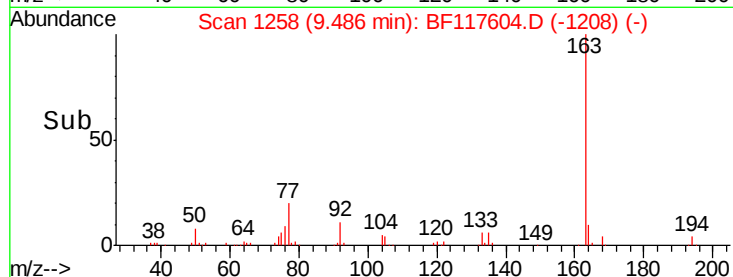
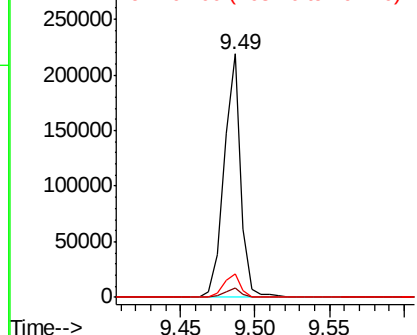
#50
Dimethylphthalate
Concen: 45.041 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.5	8.2	12.2

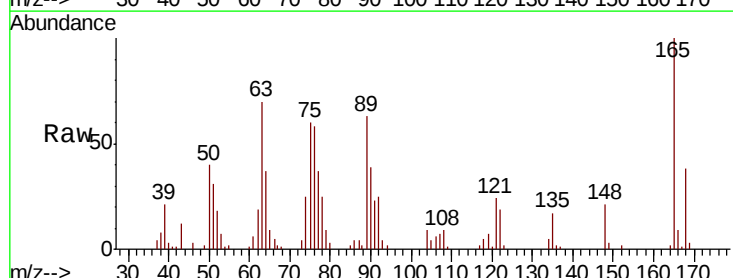


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

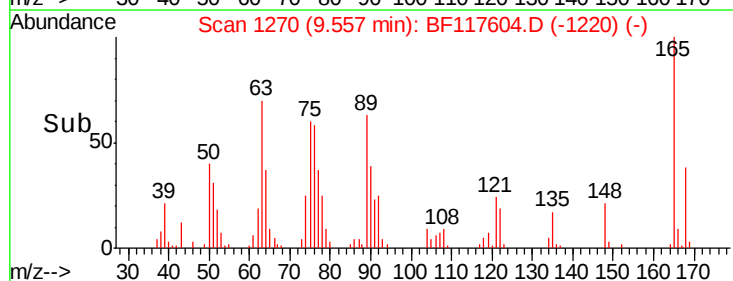
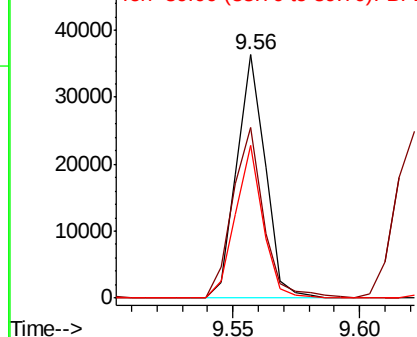


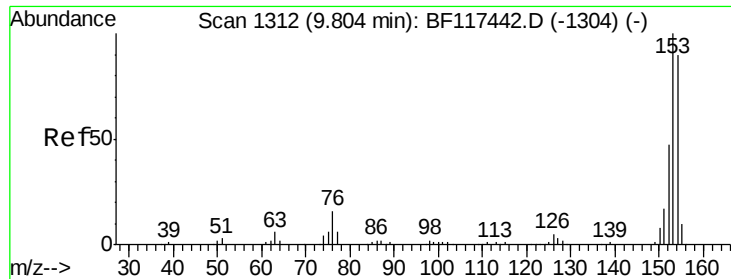
#51
2,6-Dinitrotoluene
Concen: 35.516 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	69.9	43.8	65.8#
89	62.7	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

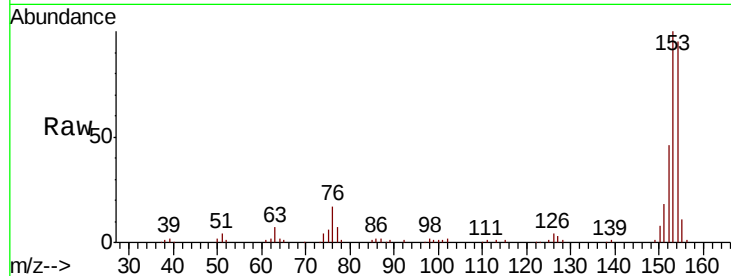




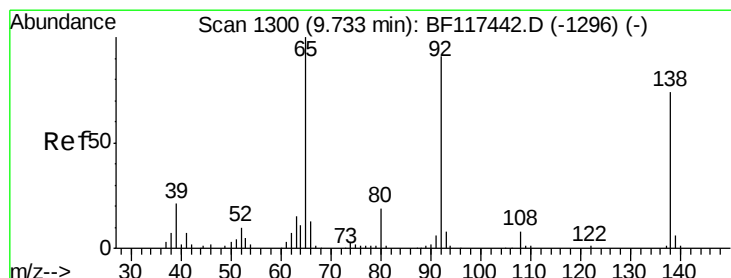
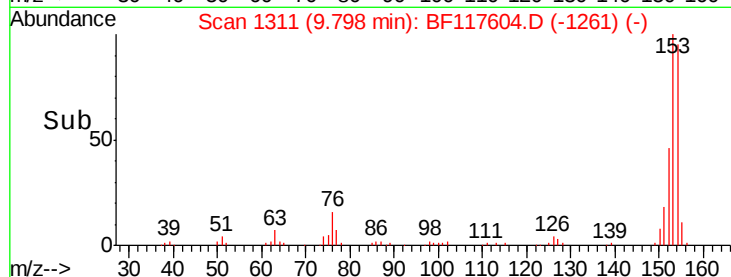
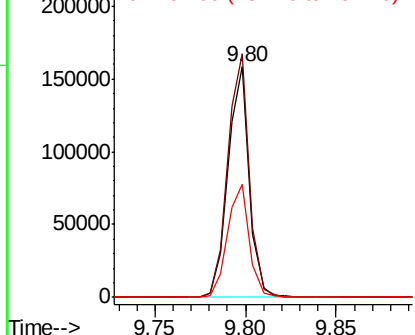
#52
Acenaphthene
Concen: 42.799 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 129278
Ion Ratio Lower Upper
154 100
153 105.7 89.2 133.8
152 49.0 41.8 62.6

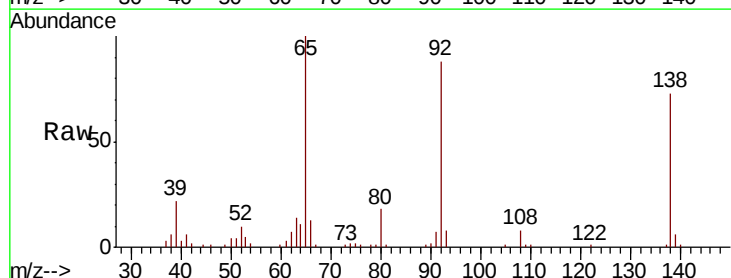


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

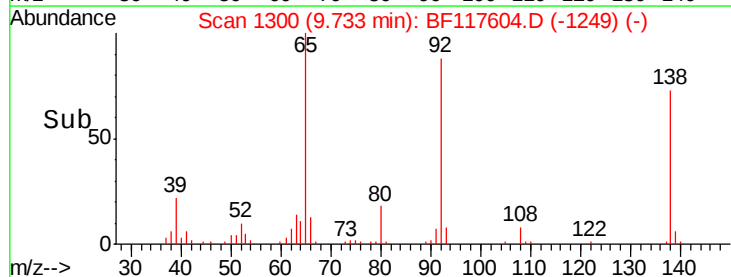
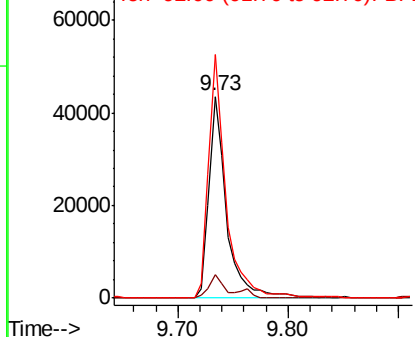


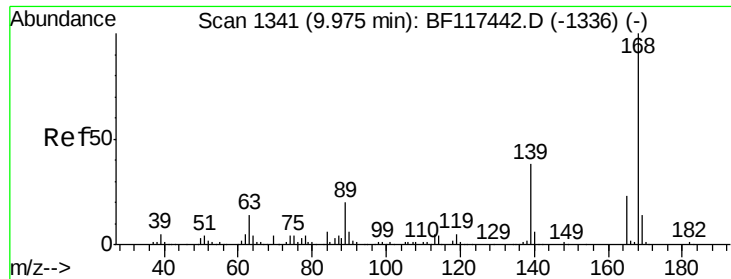
#53
3-Nitroaniline
Concen: 48.718 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:138 Resp: 47220
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 120.9 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

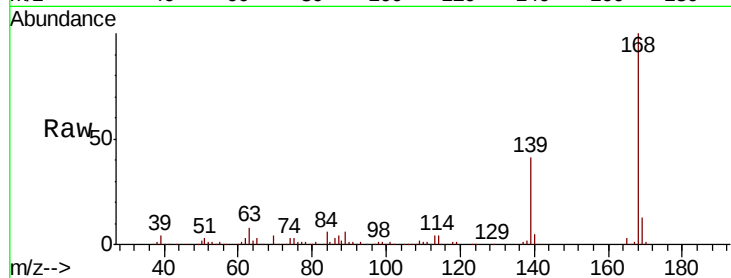




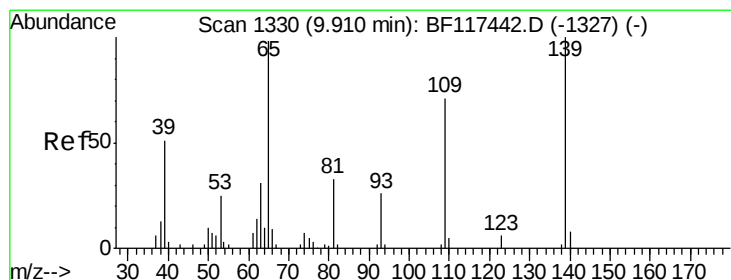
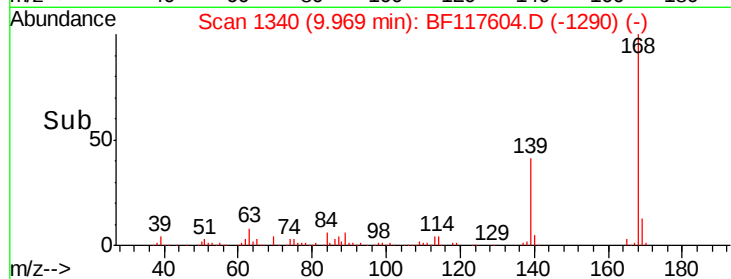
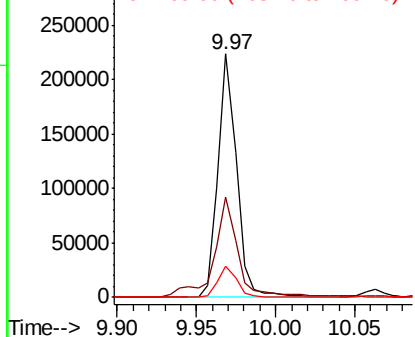
#55
Dibenzofuran
Concen: 42.049 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 184016
Ion Ratio Lower Upper
168 100
139 41.3 31.8 47.6
169 13.0 11.2 16.8

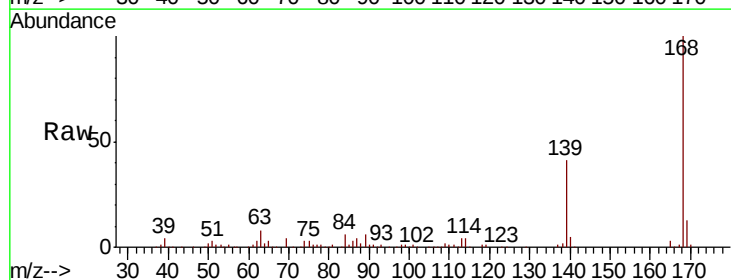


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

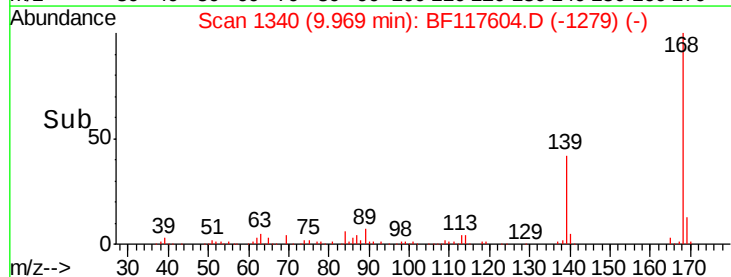
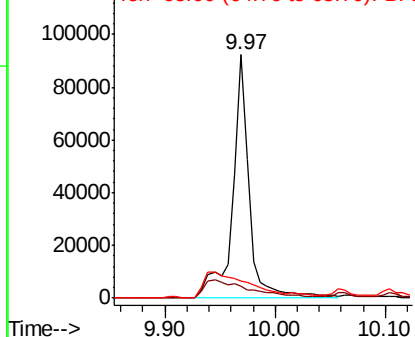


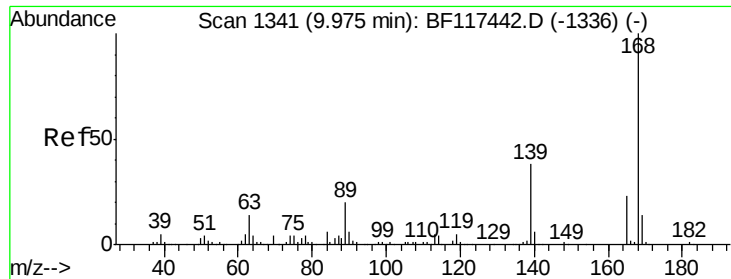
#56
4-Nitrophenol
Concen: 213.030 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:139 Resp: 98277
Ion Ratio Lower Upper
139 100
109 5.0 51.4 91.4#
65 7.2 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

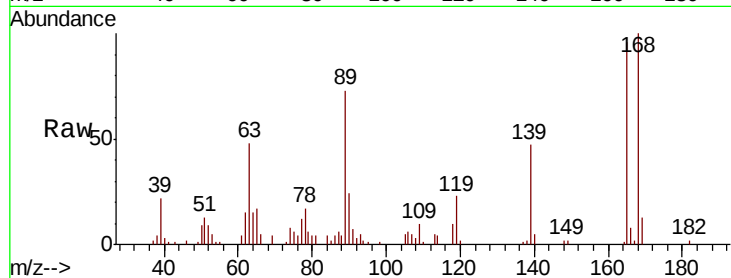




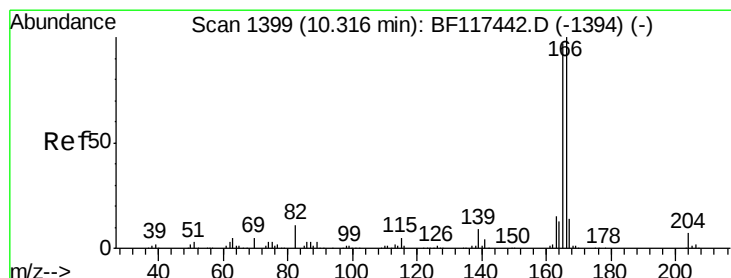
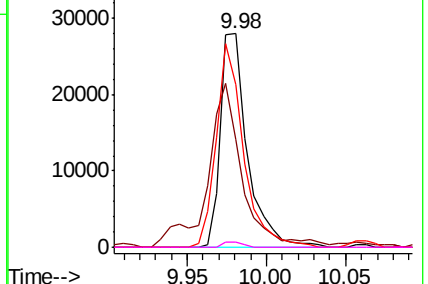
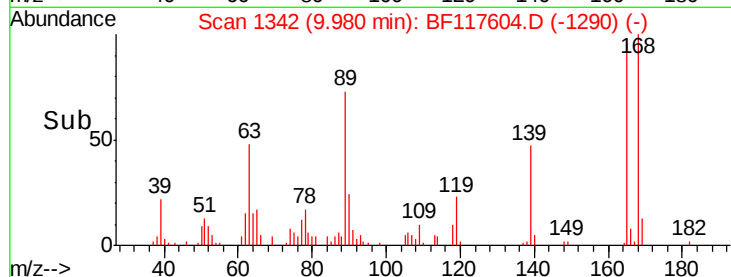
#57
2,4-Dinitrotoluene
Concen: 31.077 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 33006
Ion Ratio Lower Upper
165 100
63 50.2 51.4 77.0#
89 76.1 69.9 104.9
182 2.5 1.9 2.9

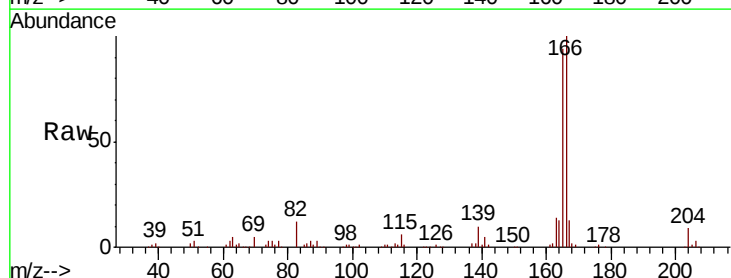


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

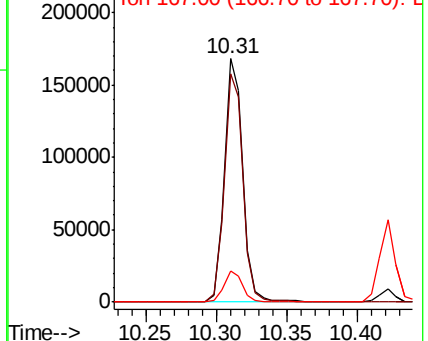
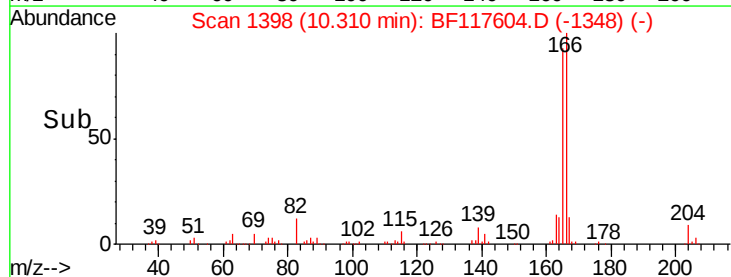


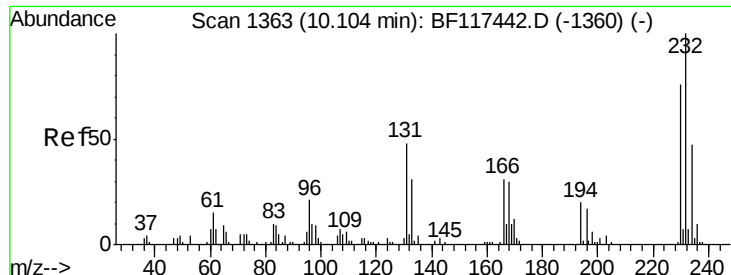
#58
Fluorene
Concen: 41.669 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:166 Resp: 150801
Ion Ratio Lower Upper
166 100
165 93.8 77.6 116.4
167 13.0 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

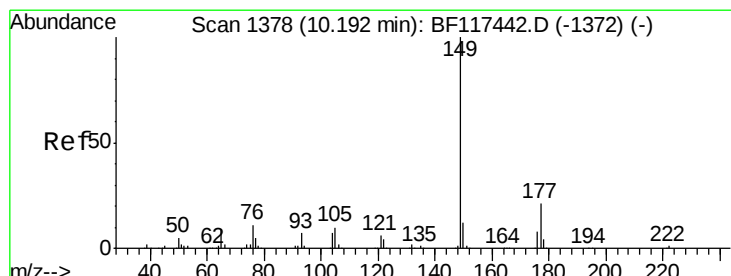
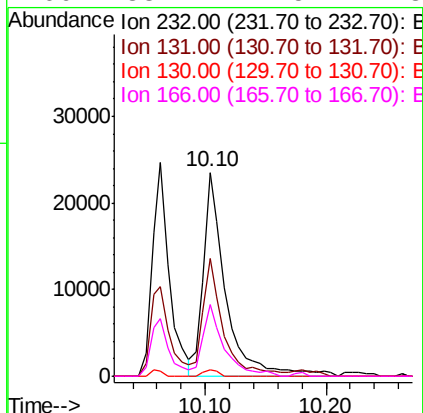
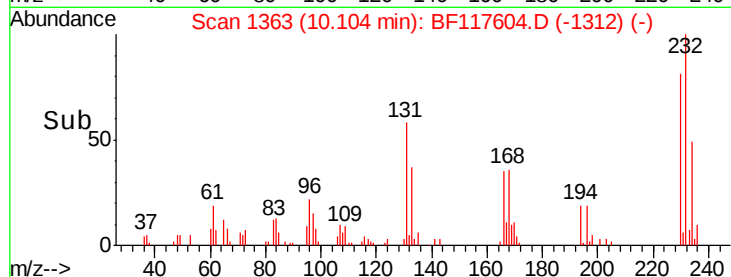
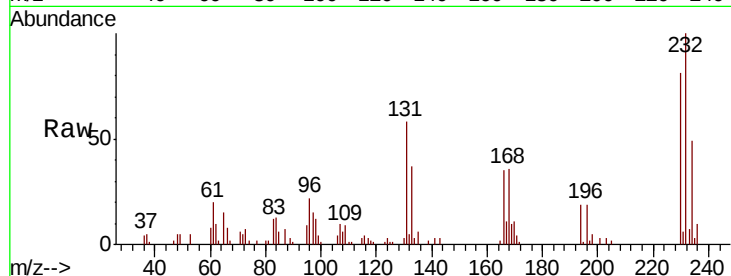




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.039 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

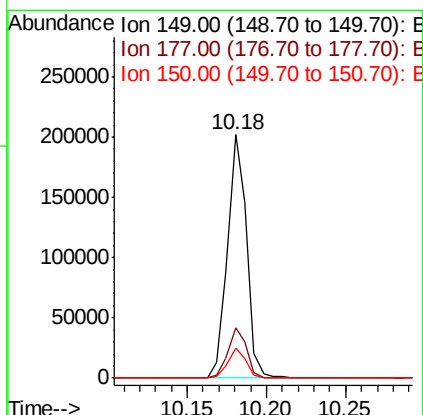
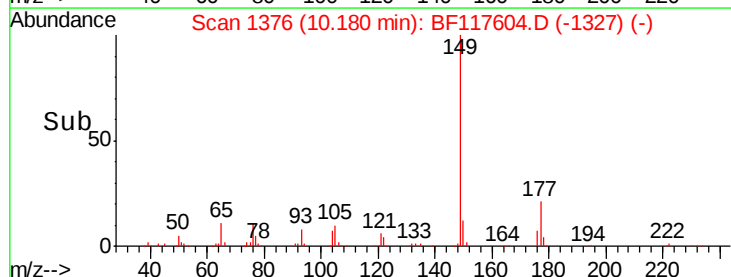
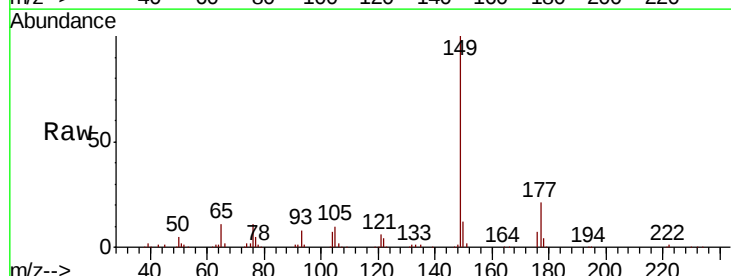
Instrument :
 BNA_F
 ClientSampleId :

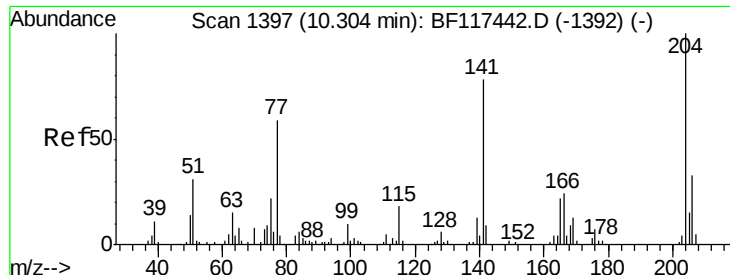
Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	42.6	63.8
130	1.9	2.2	3.4
166	33.2	27.5	41.3



#60
 Diethylphthalate
 Concen: 43.390 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.0	25.4
150	12.1	9.8	14.6

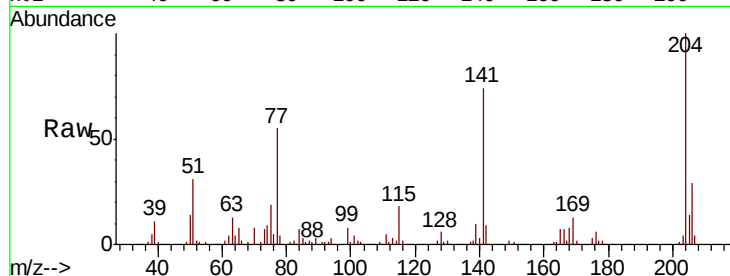




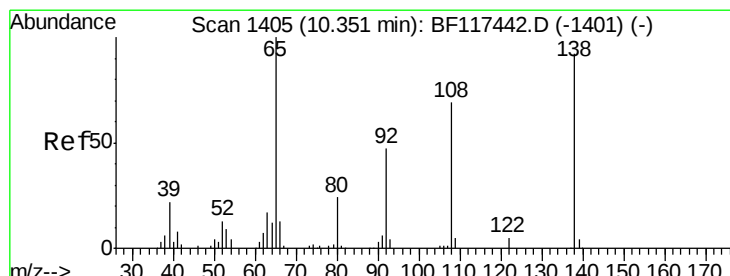
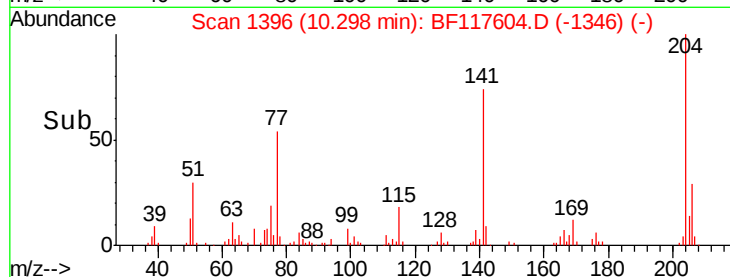
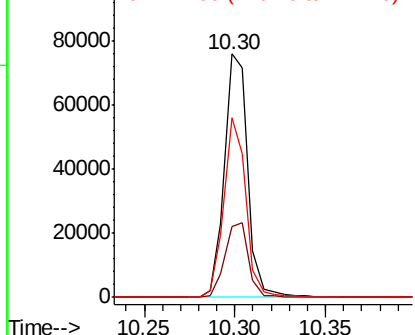
#61
4-Chlorophenyl-phenylether
Concen: 42.007 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 68205
Ion Ratio Lower Upper
204 100
206 29.0 26.3 39.5
141 73.8 62.2 93.4

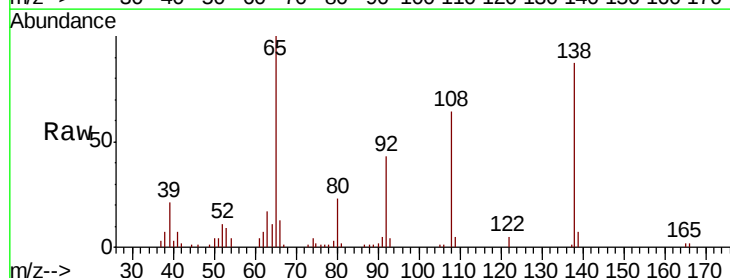


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

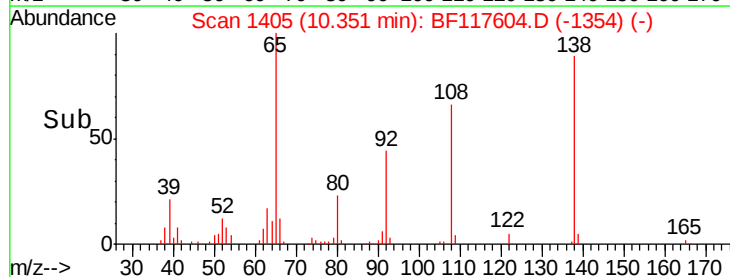
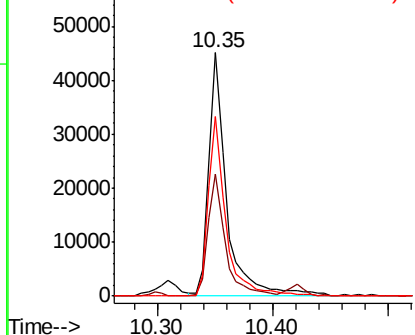


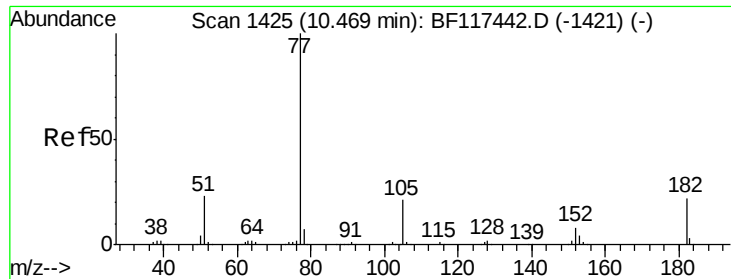
#62
4-Nitroaniline
Concen: 53.683 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:138 Resp: 49044
Ion Ratio Lower Upper
138 100
92 49.9 30.3 70.3
108 74.0 54.9 94.9



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

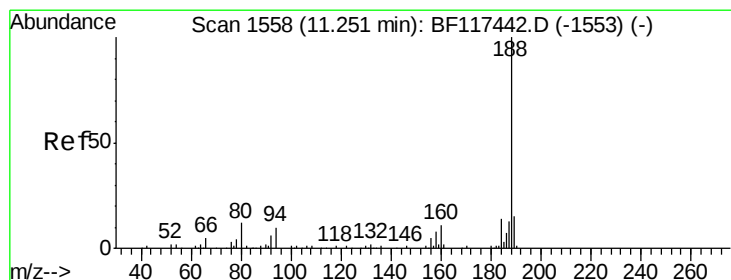
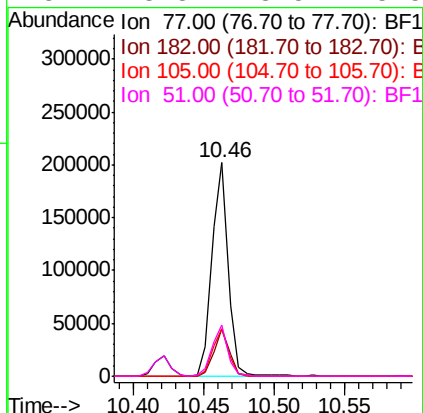
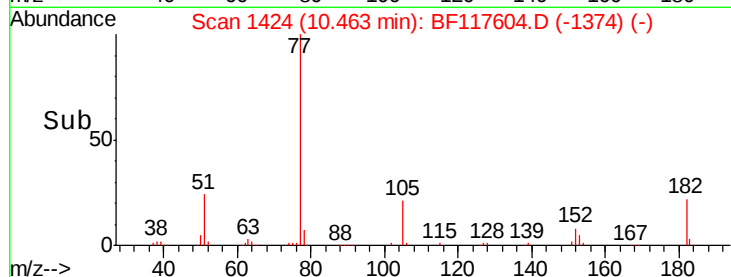
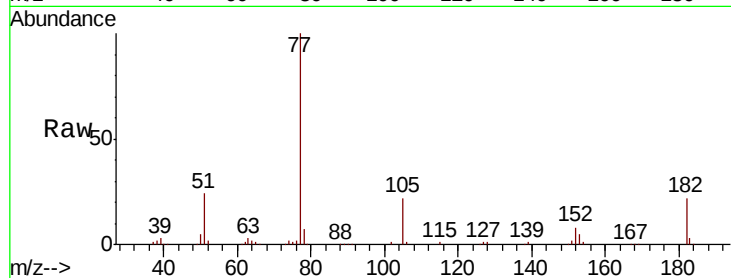




#63
Azobenzene
Concen: 40.955 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

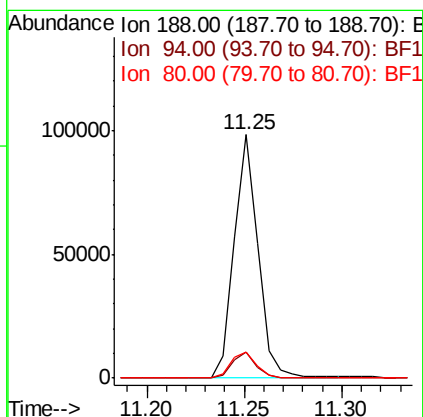
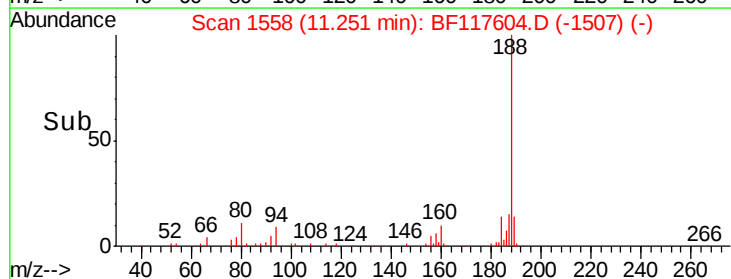
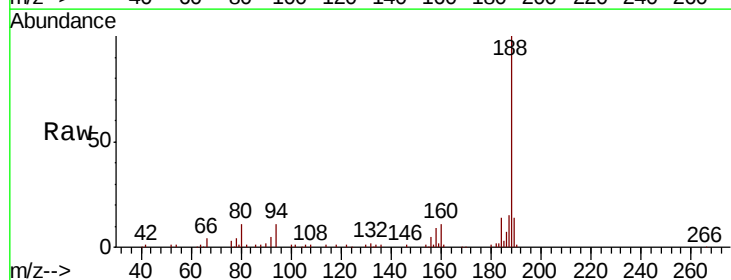
Instrument :
BNA_F
ClientSampleId :

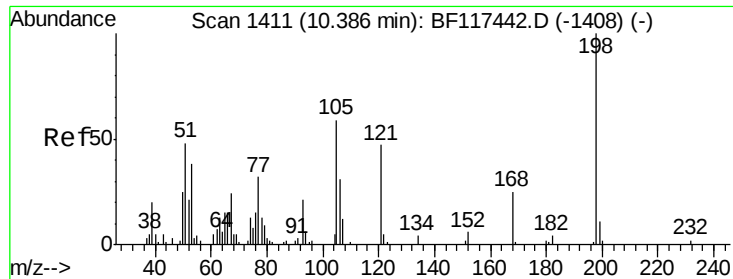
Tot Ion:	77	Resp:	162338
Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.3	42.3
105	22.0	1.3	41.3
51	23.8	3.5	43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:	188	Resp:	83833
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	10.9	9.5	14.3

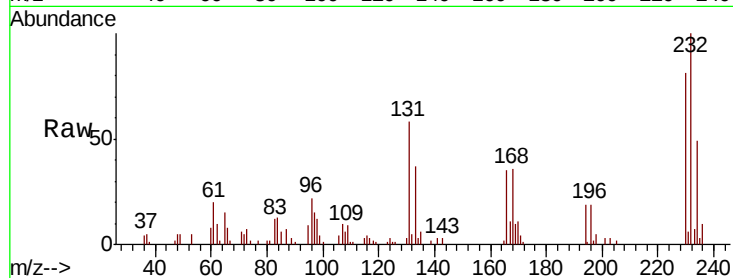




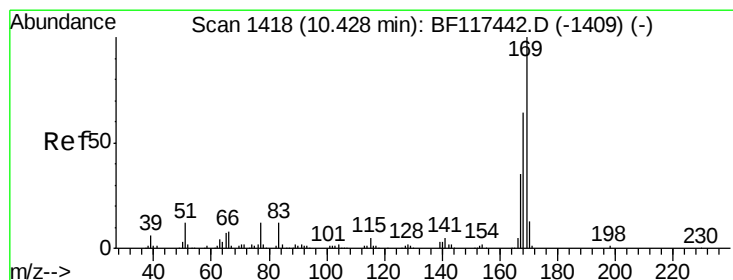
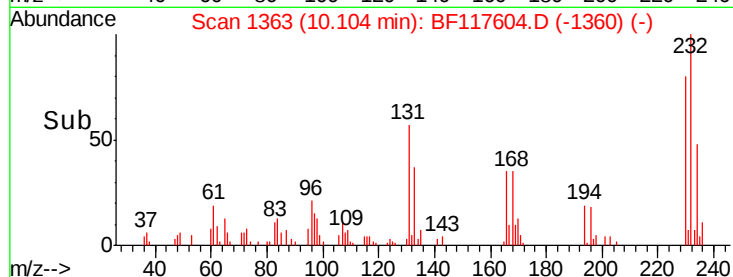
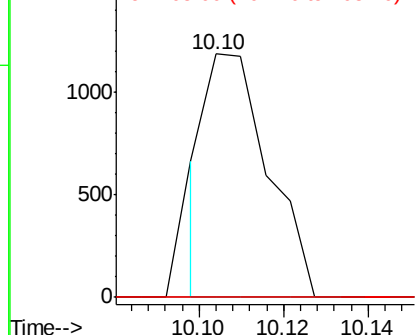
#65
4,6-Dinitro-2-methylphenol
Concen: 2.837 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.28 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	0.0	29.1	69.1#
105	0.0	39.4	79.4#

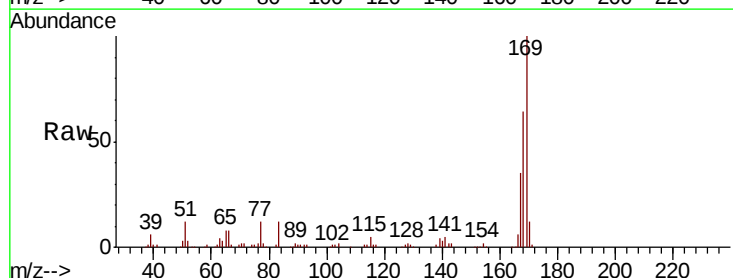


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

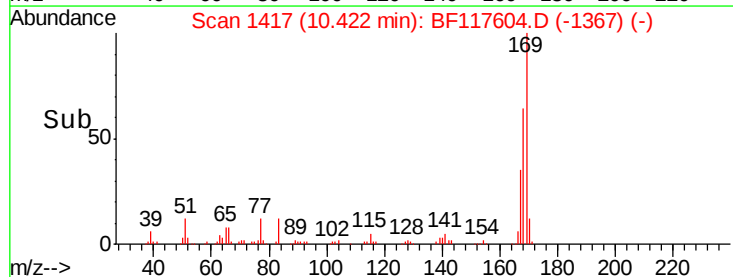
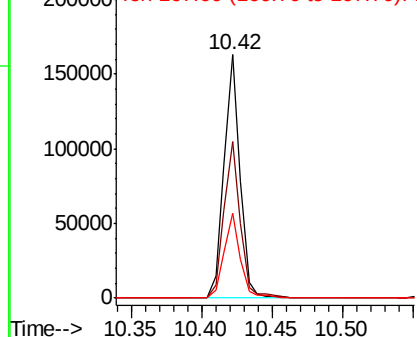


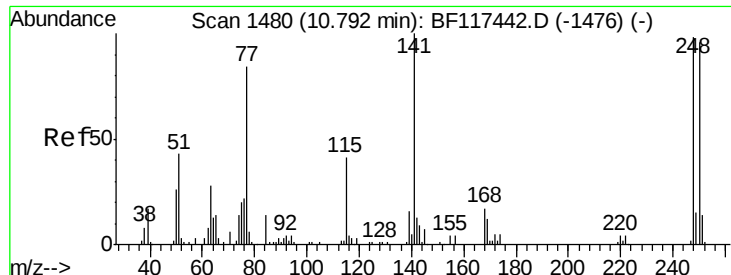
#66
n-Nitrosodiphenylamine
Concen: 41.827 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.4	51.3	76.9
167	34.6	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: 40.467 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampled :

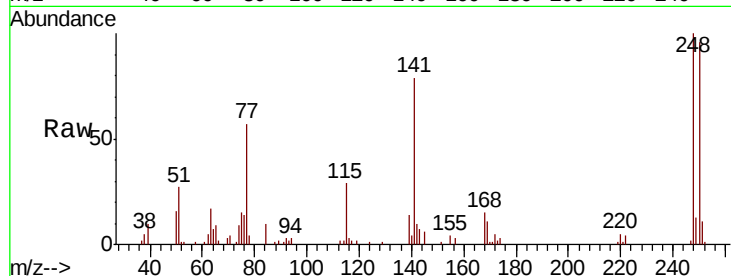
Tot Ion:248 Resp: 36541

Ion Ratio Lower Upper

248 100

250 95.5 78.0 117.0

141 78.6 81.7 122.5#

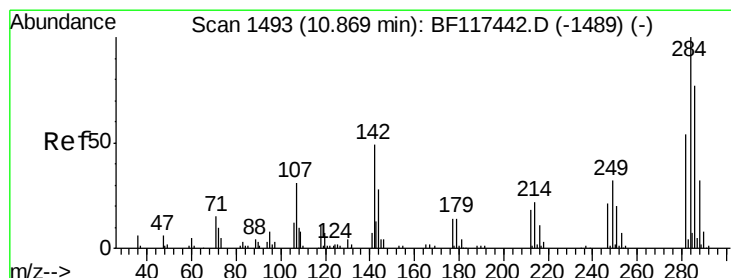
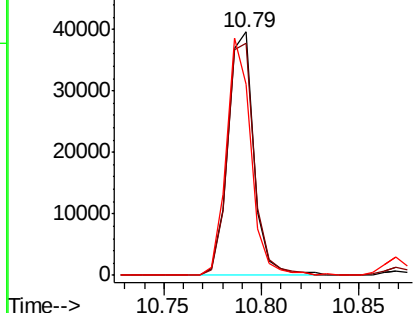
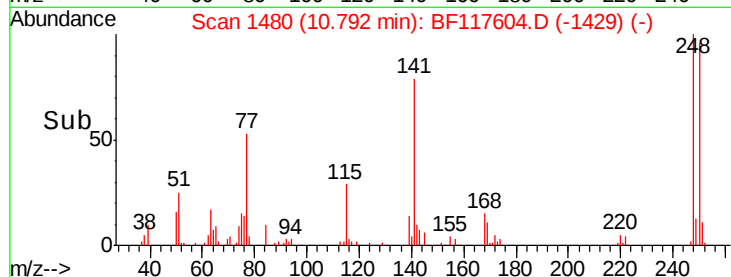


Abundance

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: 40.465 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

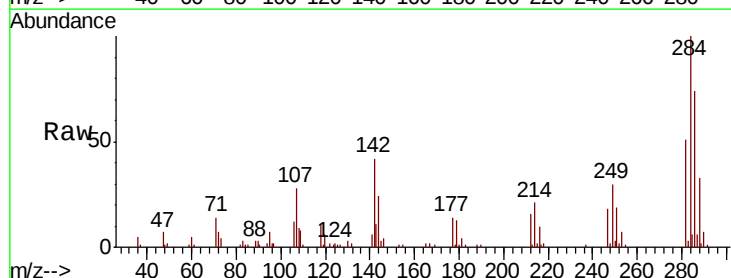
Tgt Ion:284 Resp: 39131

Ion Ratio Lower Upper

284 100

142 41.8 39.0 58.6

249 29.8 25.7 38.5

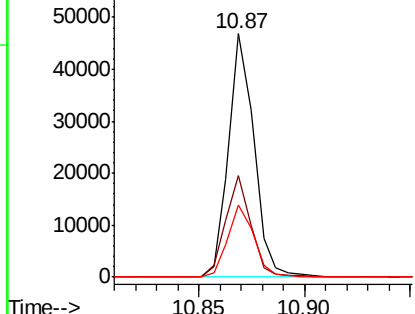
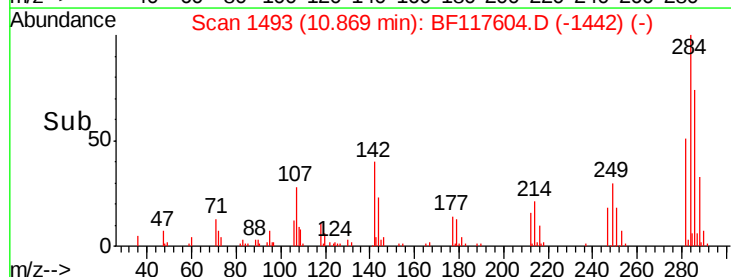


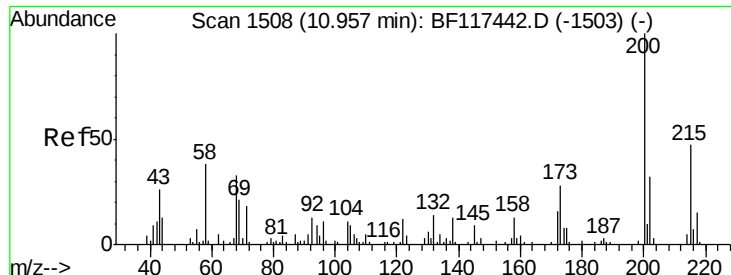
Abundance

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

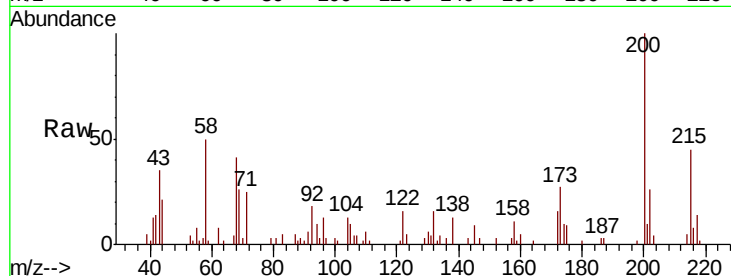




#69
Atrazine
Concen: 21.098 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	8.2	48.2
215	44.6	26.8	66.8

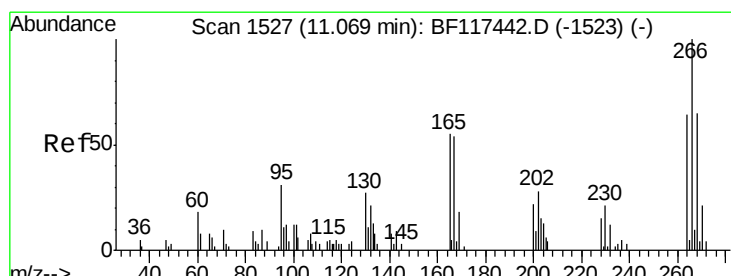
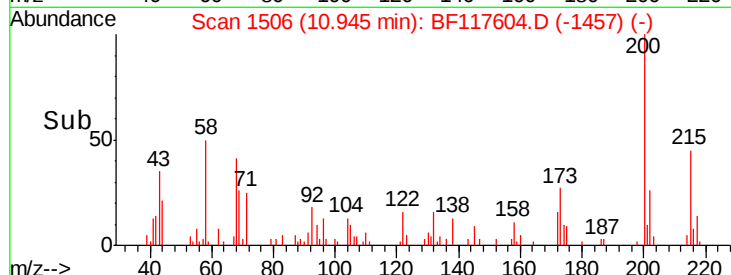
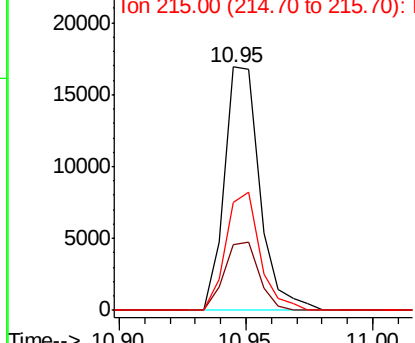


Abundance

Ion 200.00 (199.70 to 200.70): E

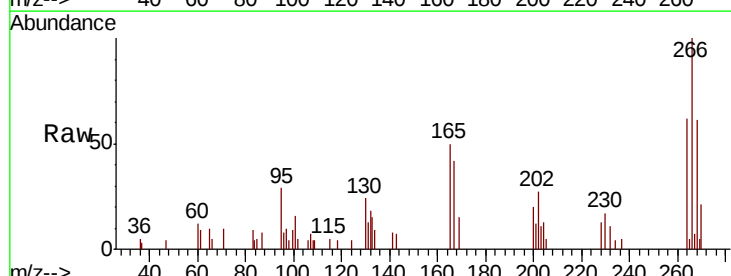
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.508 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.6	77.4
264	61.6	51.4	77.2

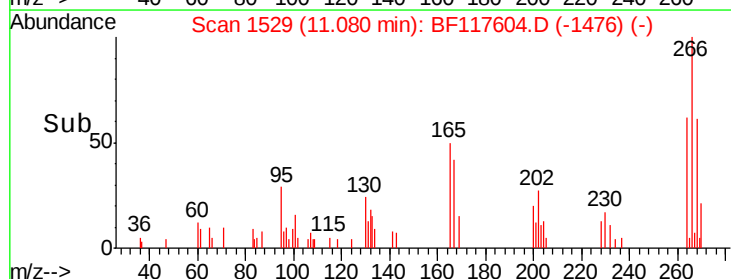
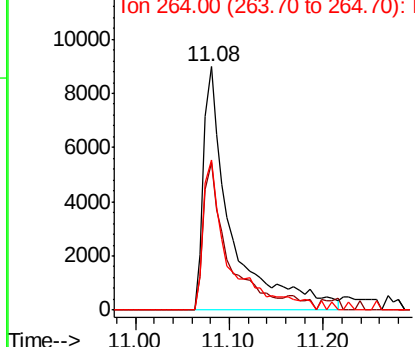


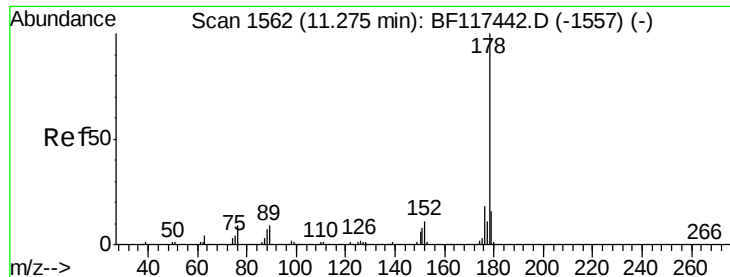
Abundance

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

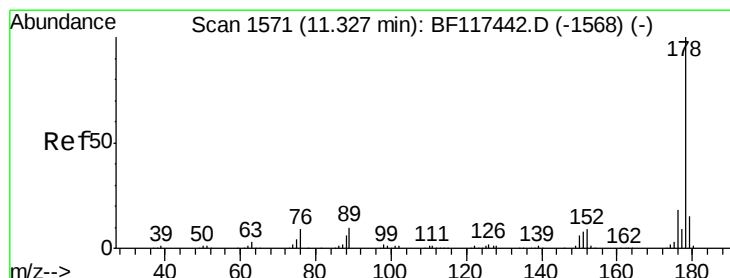
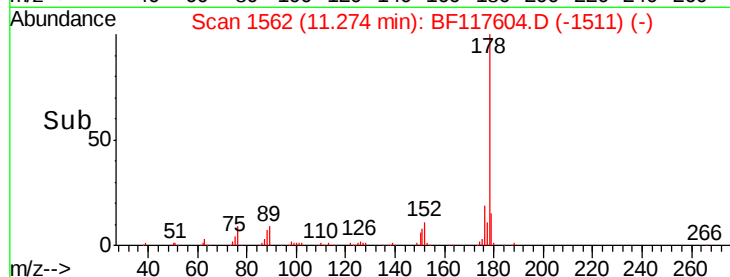
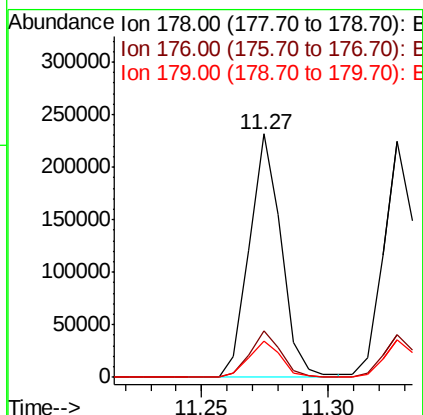
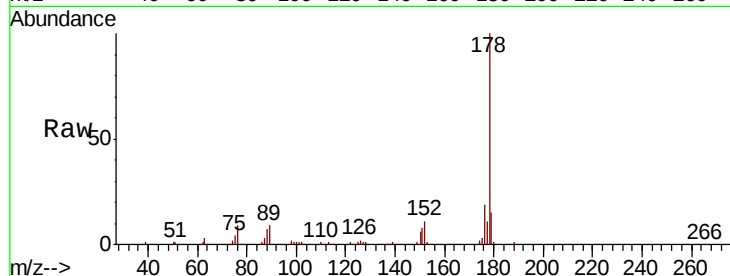




#71
Phenanthrene
Concen: 41.684 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

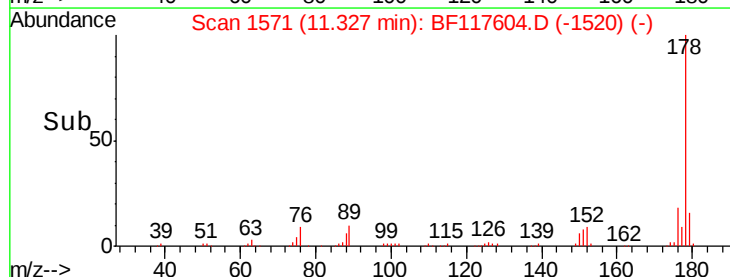
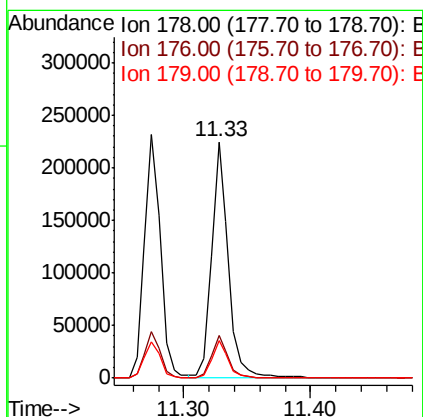
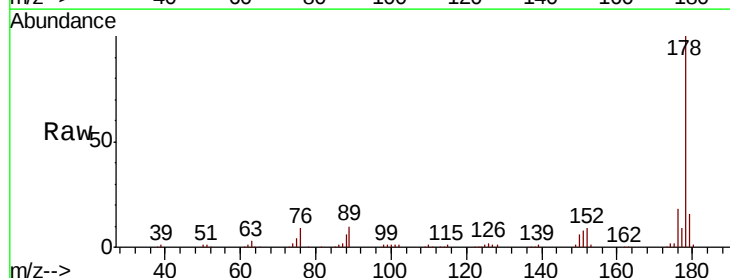
Instrument :
BNA_F
ClientSampleId :

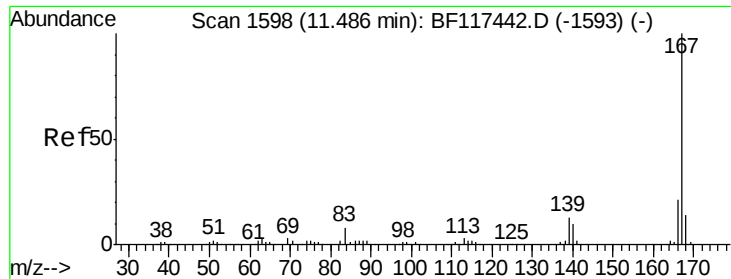
Tot Ion:178 Resp: 202913
Ion Ratio Lower Upper
178 100
176 18.9 14.6 22.0
179 15.1 12.6 19.0



#72
Anthracene
Concen: 41.831 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:178 Resp: 208934
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.7 12.2 18.2

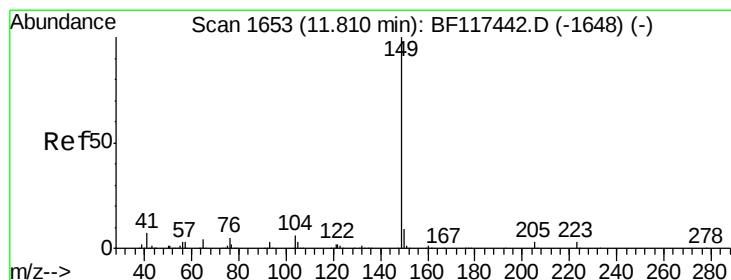
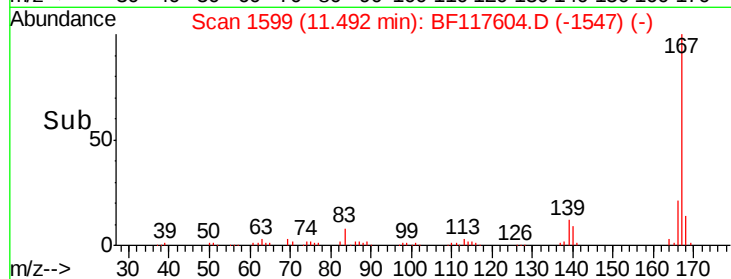
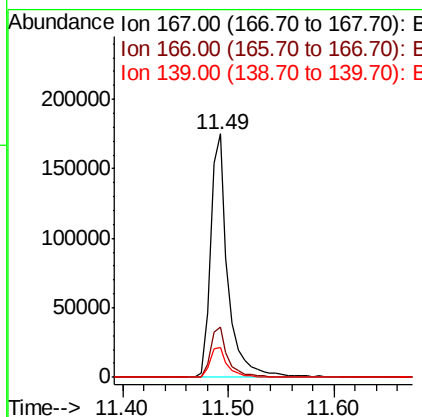
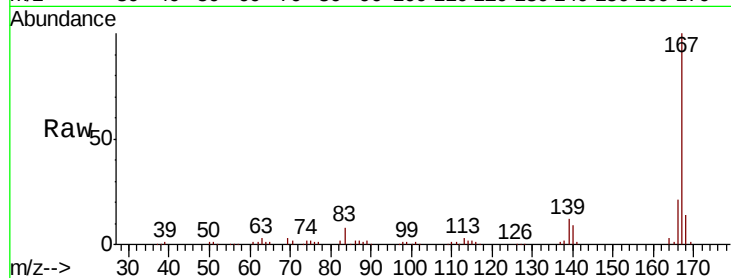




#73
 Carbazole
 Concen: 44.001 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

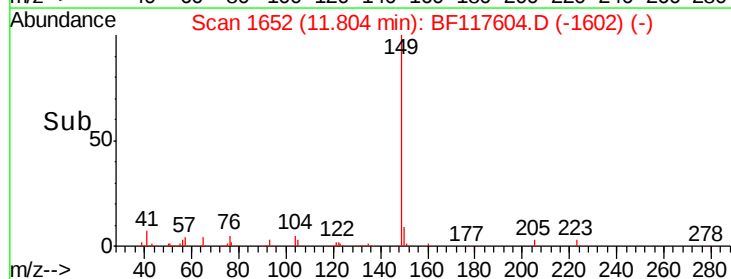
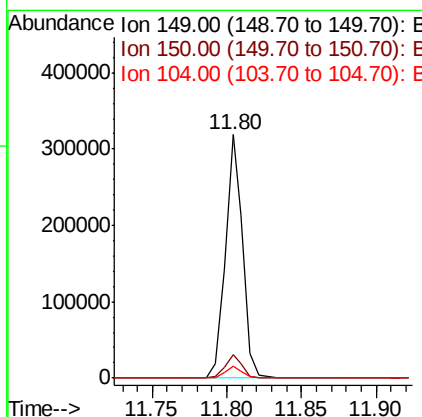
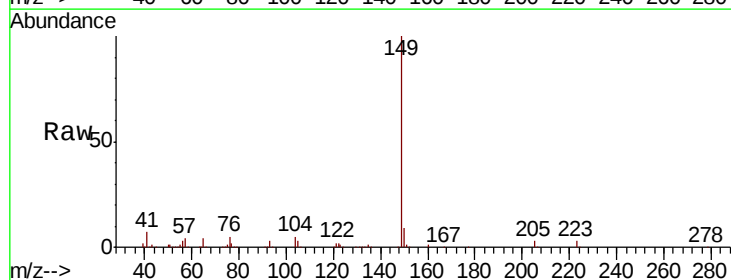
Instrument :
 BNA_F
 ClientSampleId :

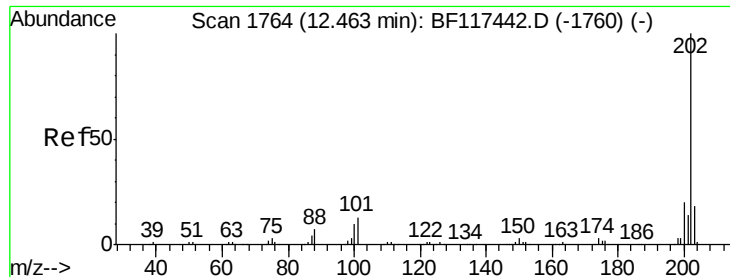
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.1	10.6	16.0



#74
 Di-n-butylphthalate
 Concen: 42.601 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	5.1	4.6	6.8

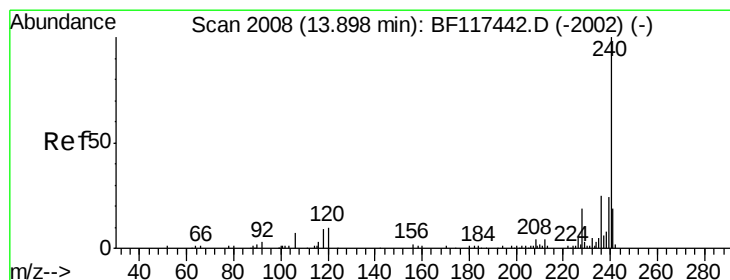
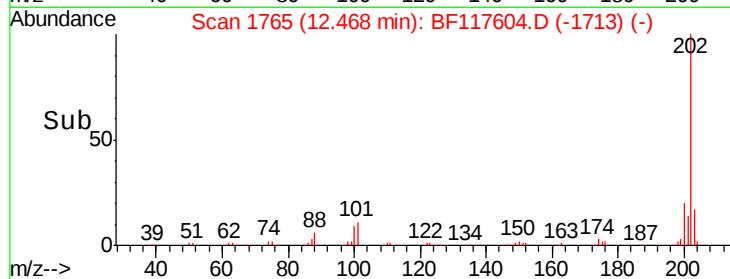
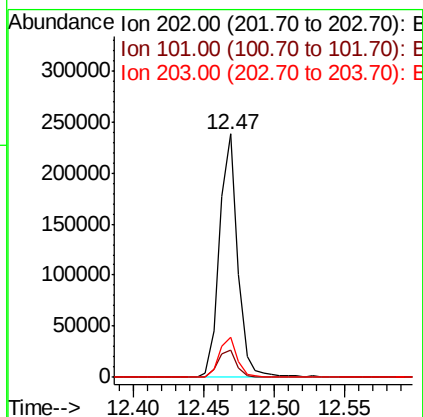
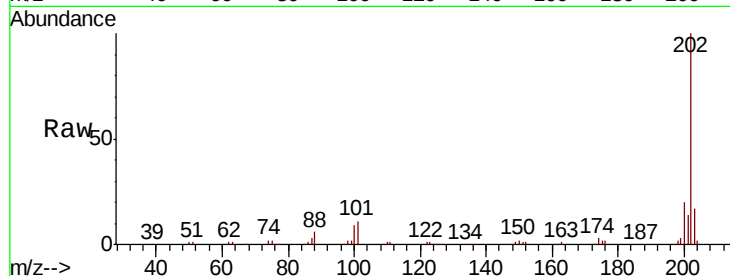




#75
 Fluoranthene
 Concen: 44.063 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

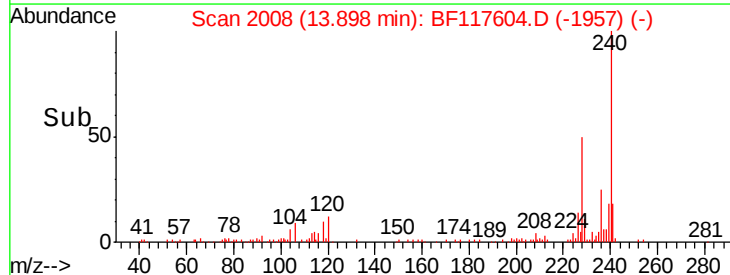
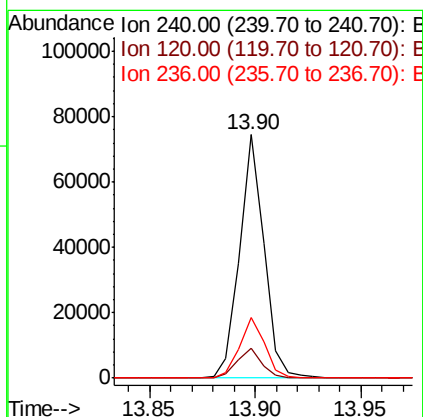
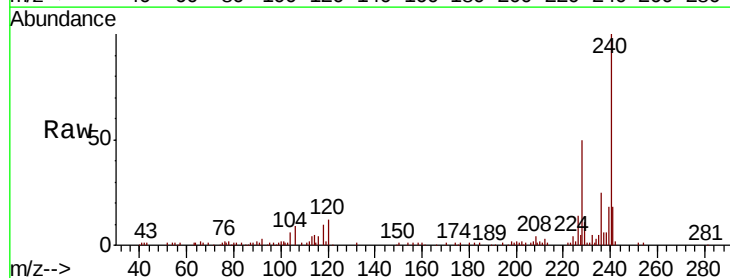
Instrument :
 BNA_F
 ClientSampleId :

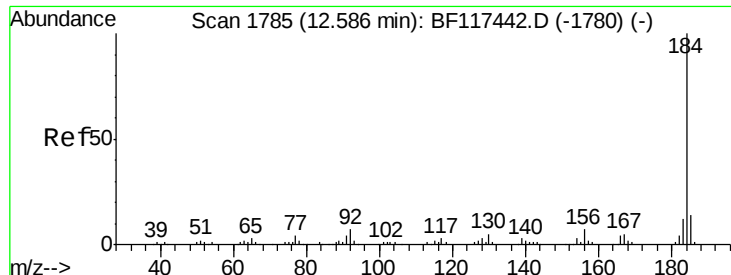
Tot Ion:202 Resp: 214726
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 32.7
 203 16.5 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion:240 Resp: 59614
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.4 12.6
 236 24.6 20.0 30.0

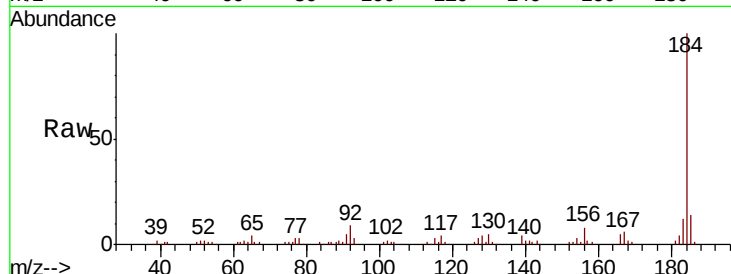




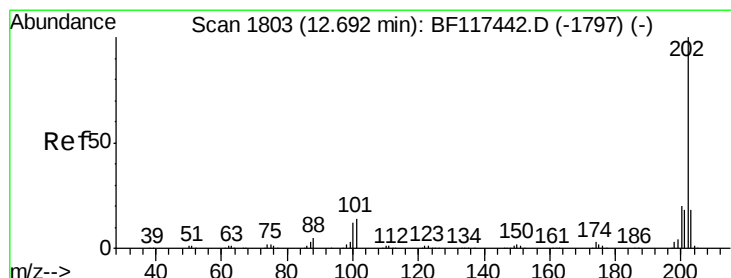
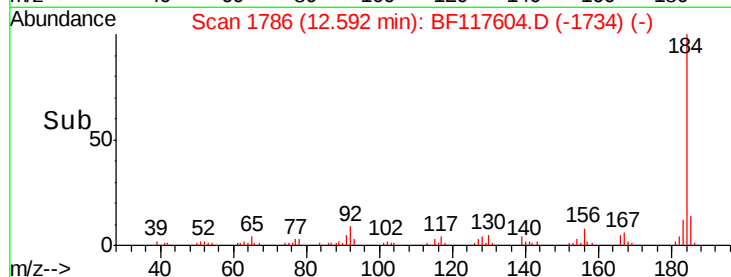
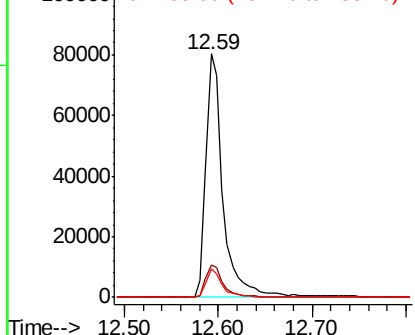
#77
Benzidine
Concen: Below Cal
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 103572
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.0
183 11.5 9.6 14.4

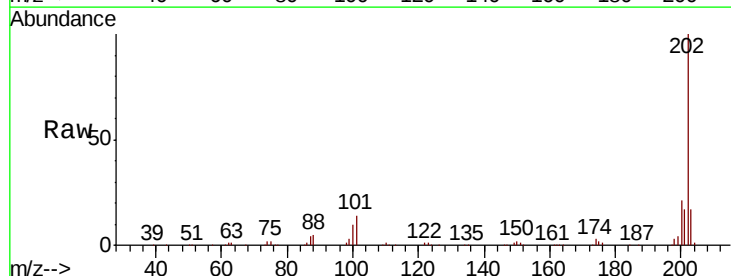


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

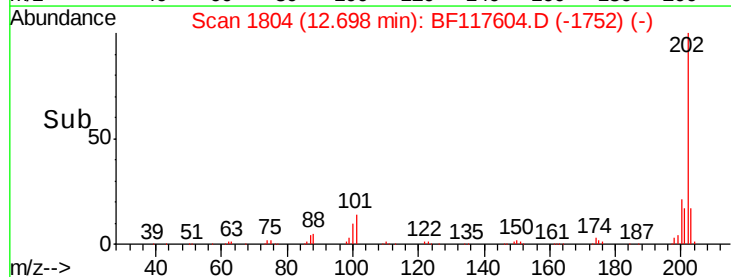
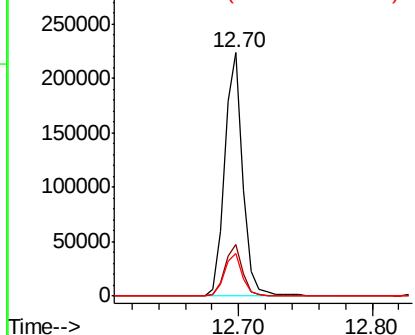


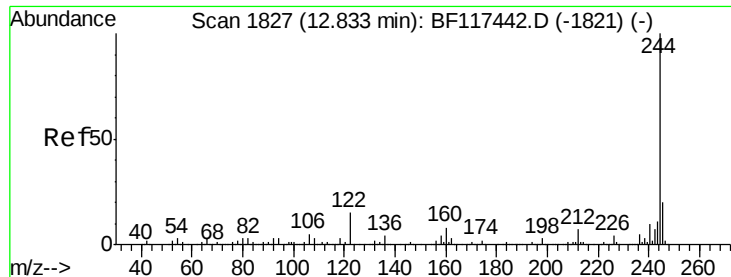
#78
Pyrene
Concen: 41.856 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:202 Resp: 214323
Ion Ratio Lower Upper
202 100
200 21.2 16.2 24.2
203 17.4 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: 83.775 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

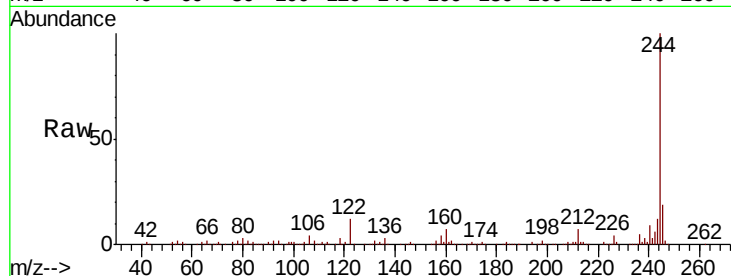
Tot Ion:244 Resp: 306180

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

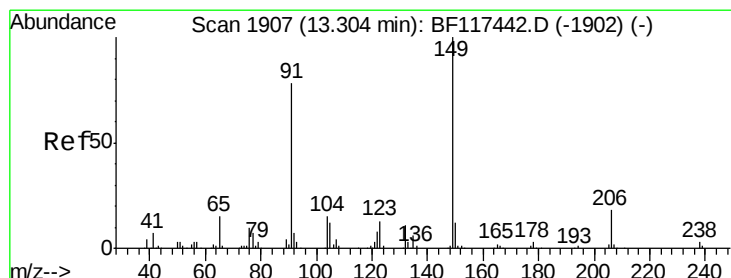
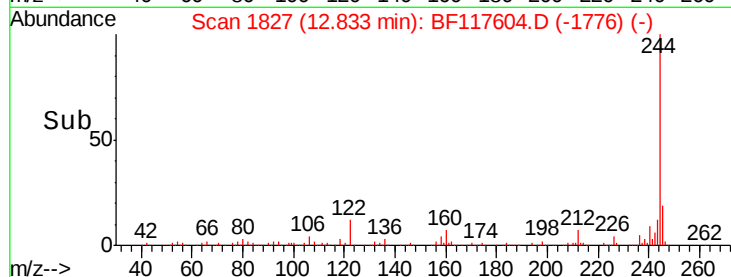
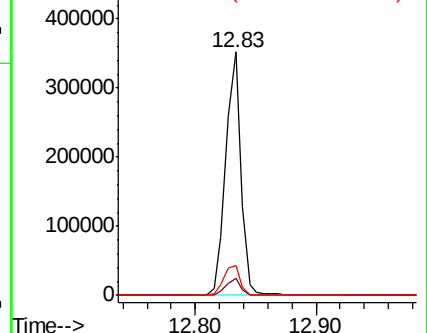
122 12.5 11.8 17.8



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: 43.632 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

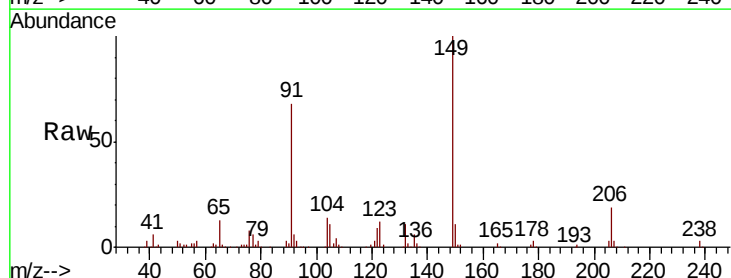
Tgt Ion:149 Resp: 111177

Ion Ratio Lower Upper

149 100

91 68.1 62.1 93.1

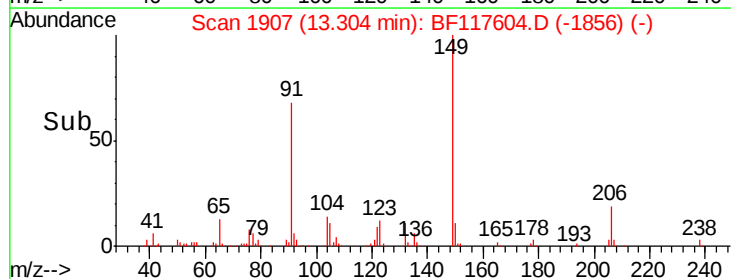
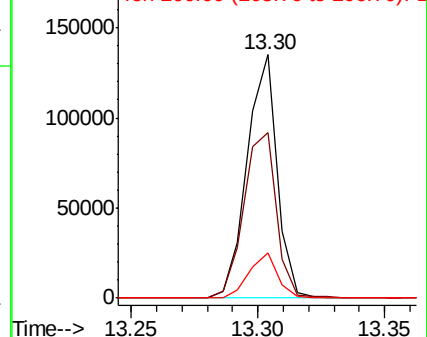
206 18.5 14.3 21.5

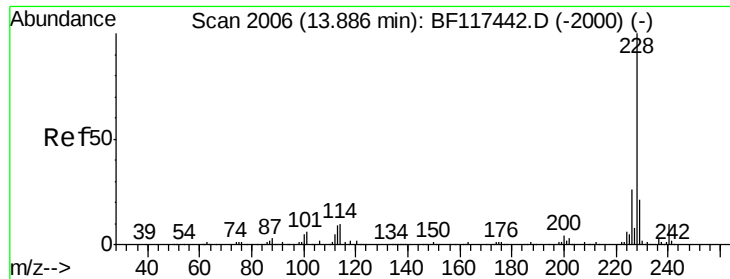


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

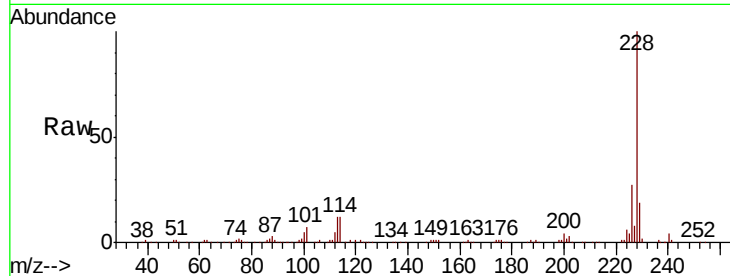




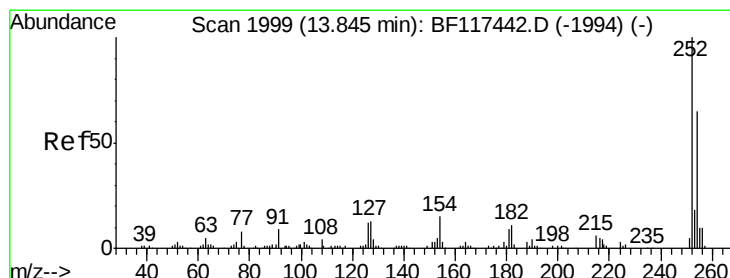
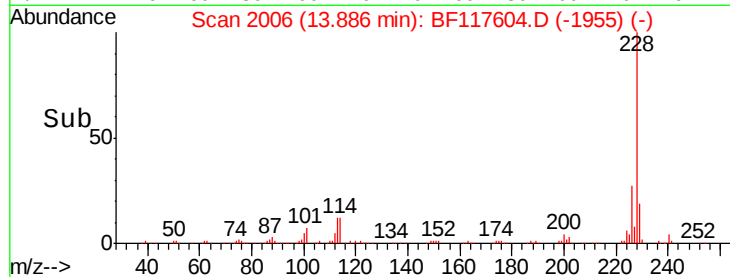
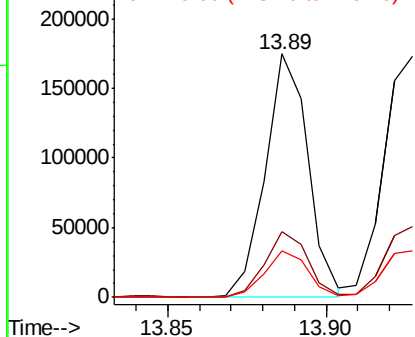
#81
Benzo(a)anthracene
Concen: 40.669 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 163540
Ion Ratio Lower Upper
228 100
226 27.0 21.0 31.4
229 19.3 16.4 24.6

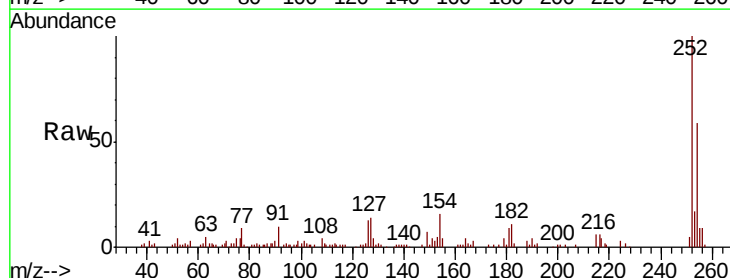


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

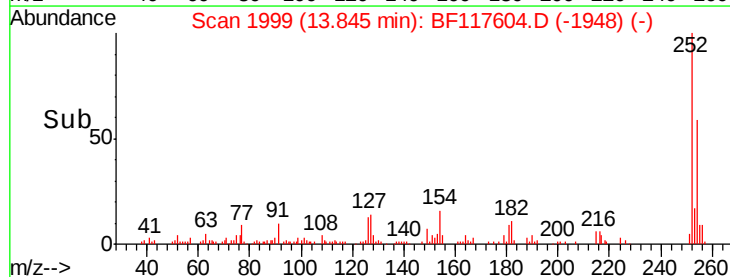
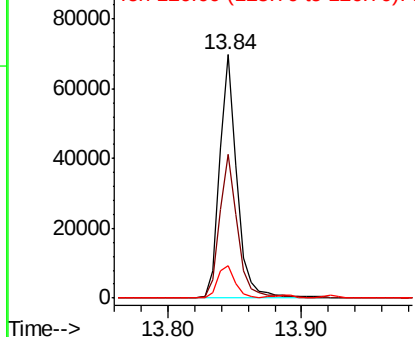


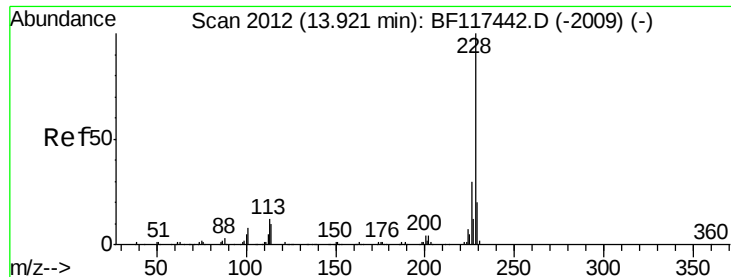
#82
3,3'-Dichlorobenzidine
Concen: 51.185 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:252 Resp: 64587
Ion Ratio Lower Upper
252 100
254 58.9 52.2 78.4
126 13.1 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

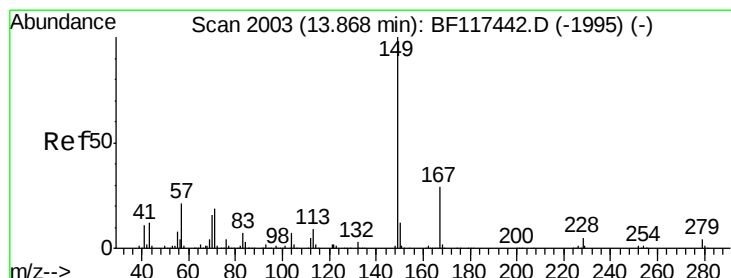
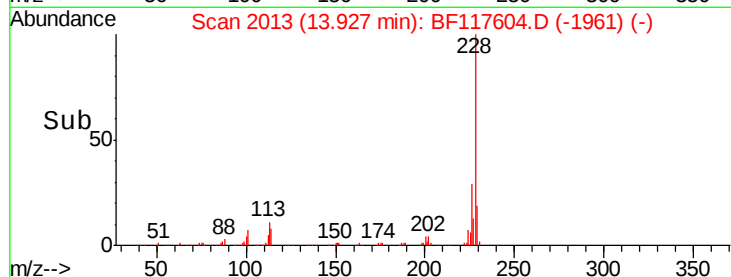
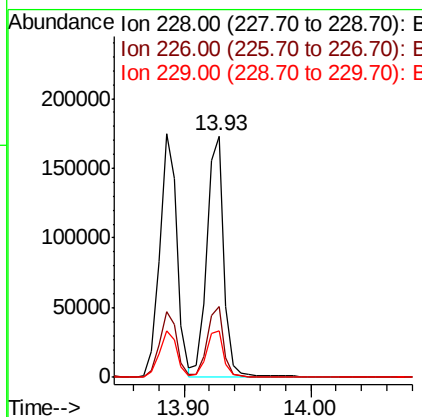
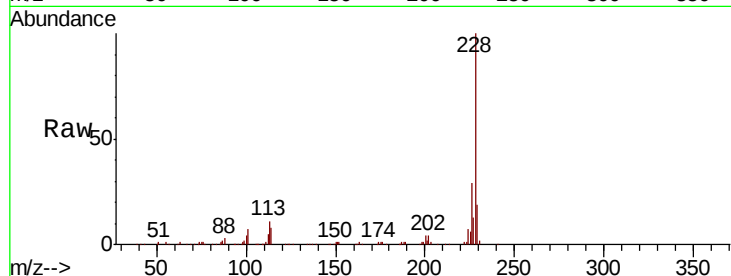




#83
 Chrvsene
 Concen: 41.083 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

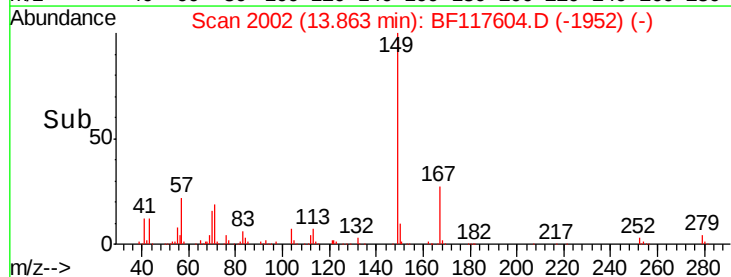
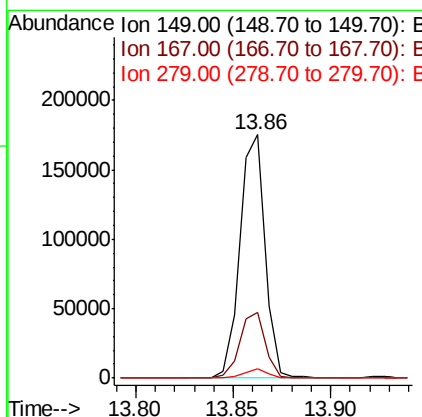
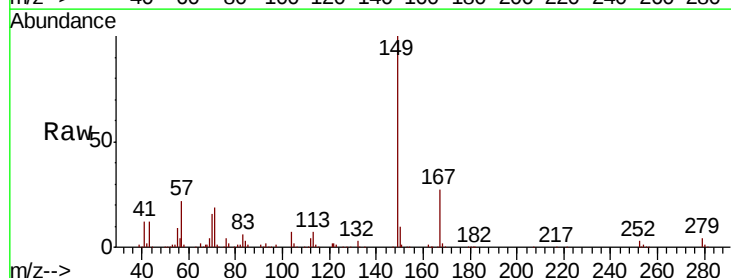
Instrument :
 BNA_F
 ClientSampleId :

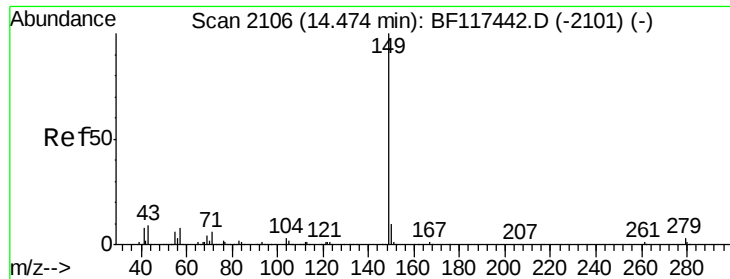
Tot Ion:228 Resp: 161909
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.9 35.9
 229 19.3 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.999 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion:149 Resp: 157050
 Ion Ratio Lower Upper
 149 100
 167 27.2 23.3 34.9
 279 3.9 3.2 4.8

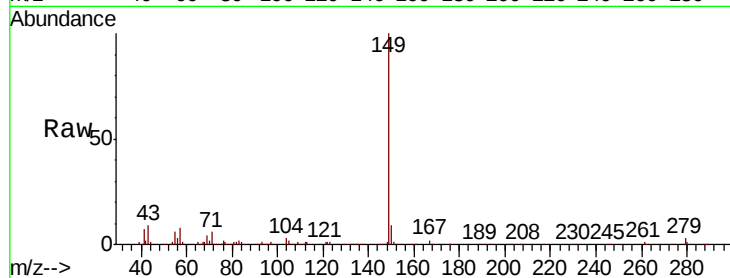




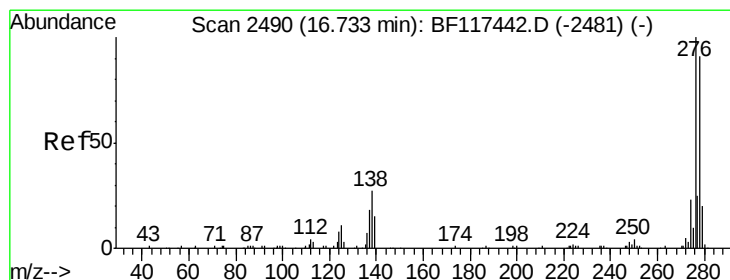
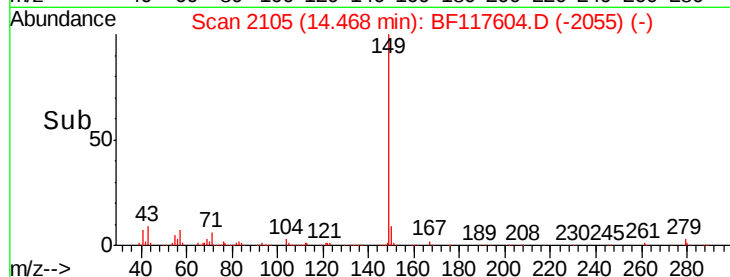
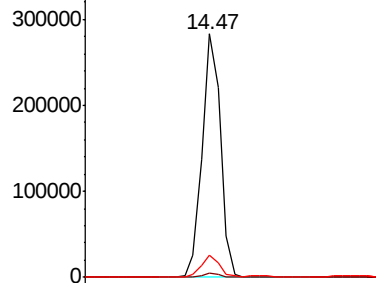
#85
Di-n-octyl phthalate
Concen: 46.656 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 256048
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 6.8 10.2

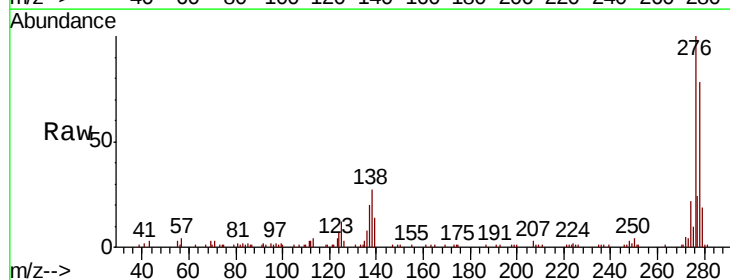


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

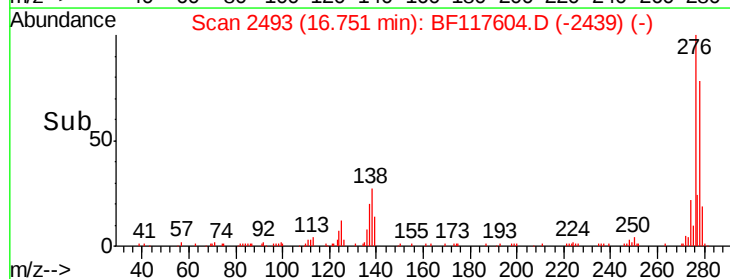
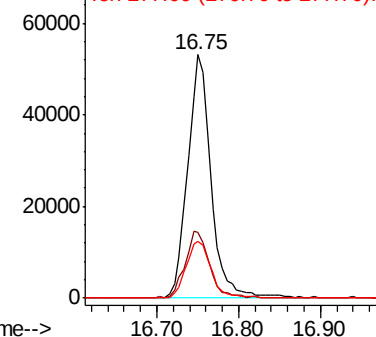


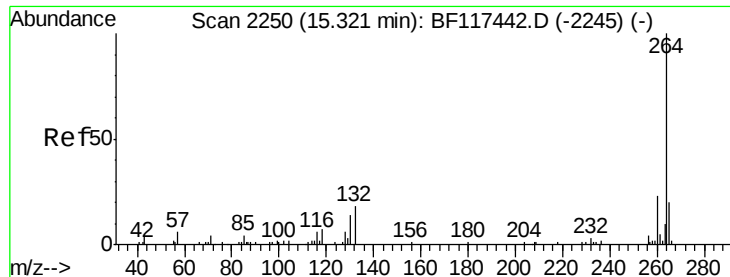
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.884 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:276 Resp: 105584
Ion Ratio Lower Upper
276 100
138 28.3 21.8 32.8
277 25.1 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



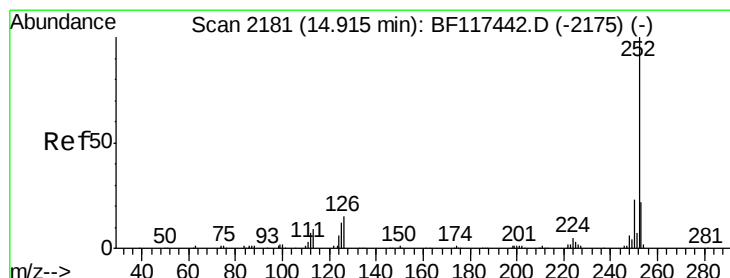
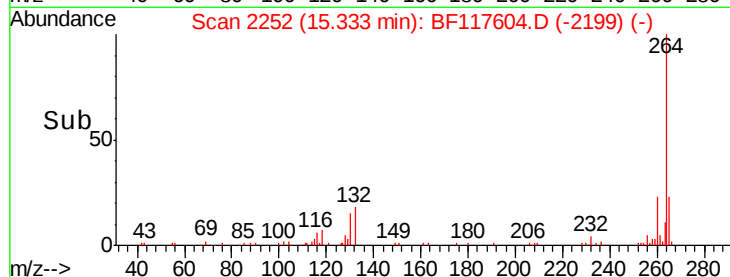
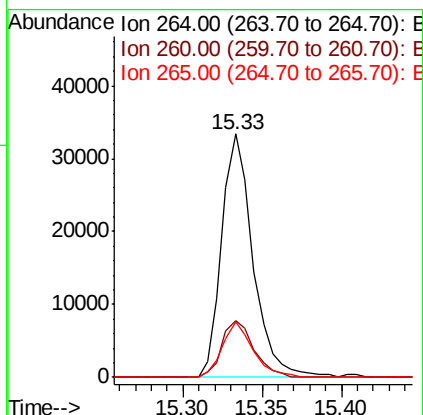
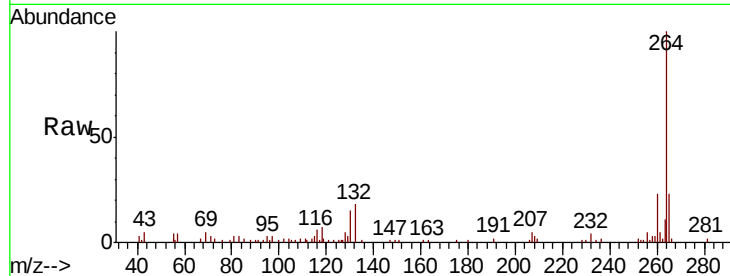


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 45800

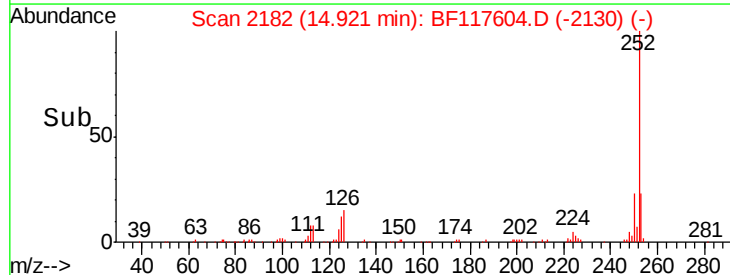
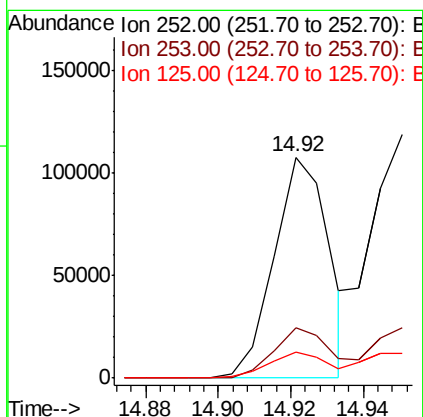
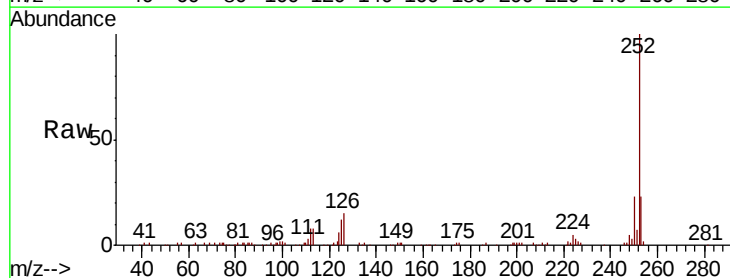
Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.7	16.1	24.1

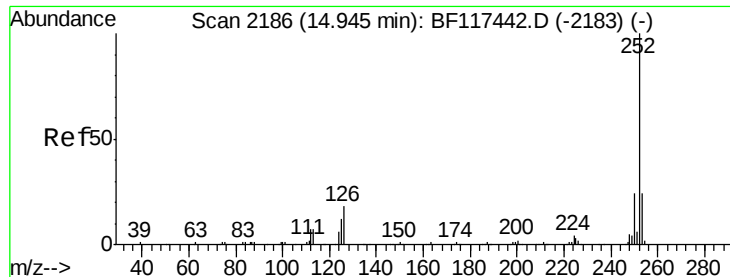


#88
Benzo(b)fluoranthene
Concen: 42.081 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:252 Resp: 113809

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.9	9.9	14.9

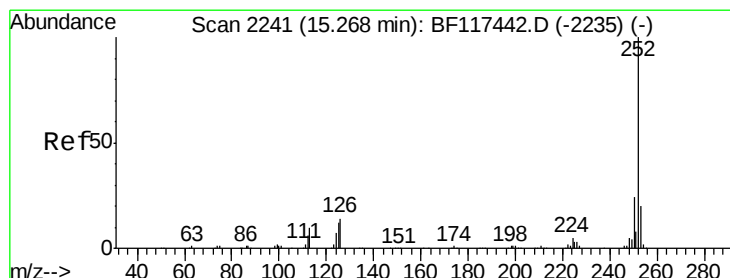
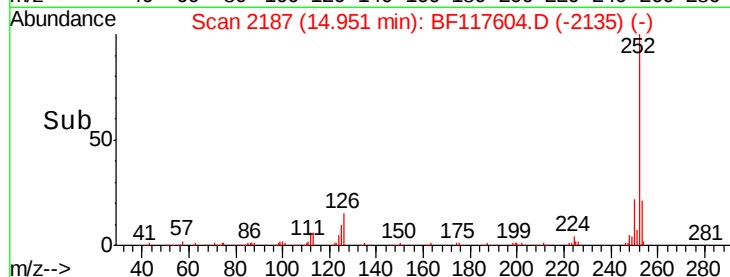
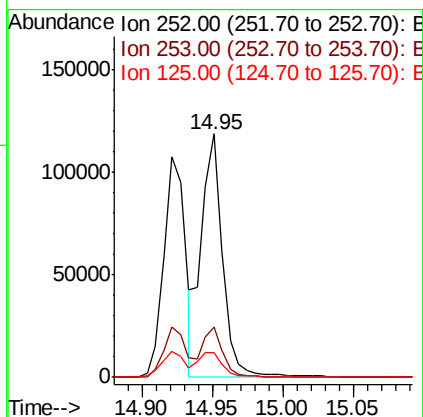
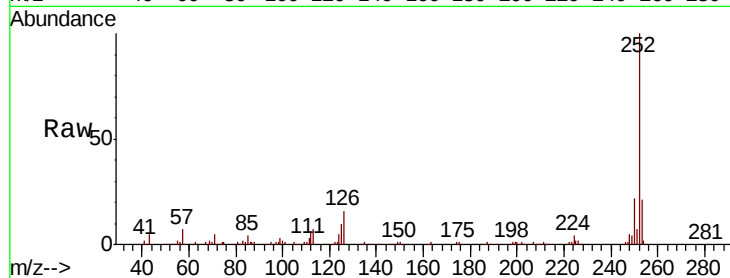




#89
Benzo(k)fluoranthene
Concen: 45.282 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

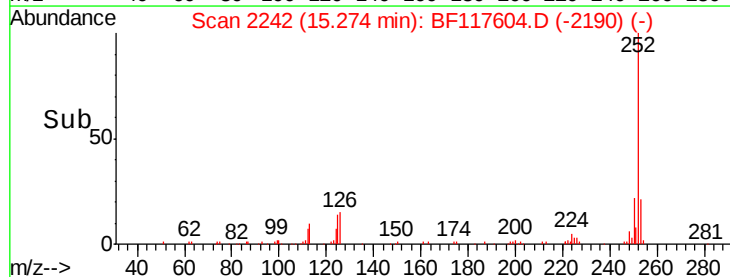
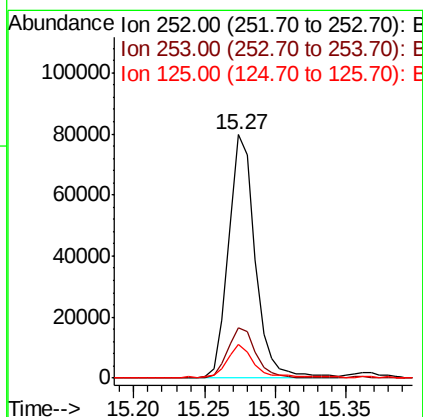
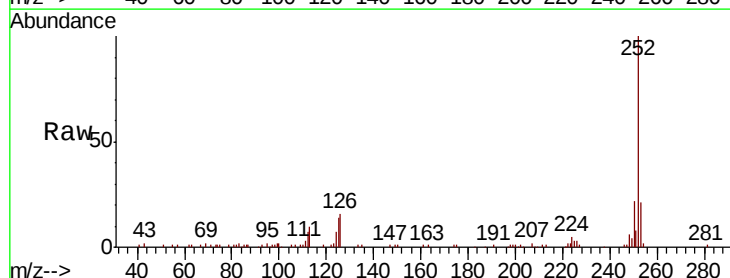
Instrument :
BNA_F
ClientSampleId :

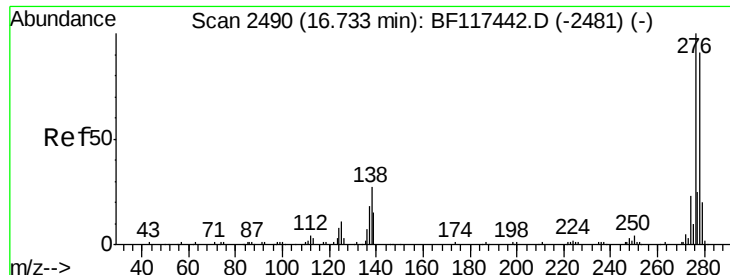
Tot Ion:252 Resp: 125520
Ion Ratio Lower Upper
252 100
253 20.8 18.0 27.0
125 10.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 42.807 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:252 Resp: 105261
Ion Ratio Lower Upper
252 100
253 20.6 16.3 24.5
125 13.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 41.282 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

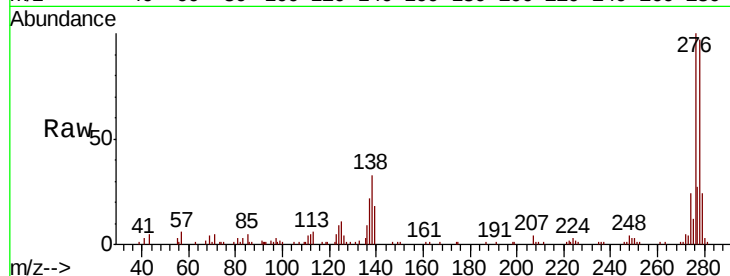
Tot Ion:278 Resp: 87776

Ion Ratio Lower Upper

278 100

139 18.9 13.4 20.0

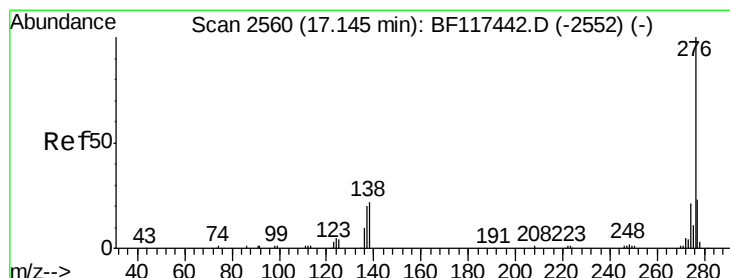
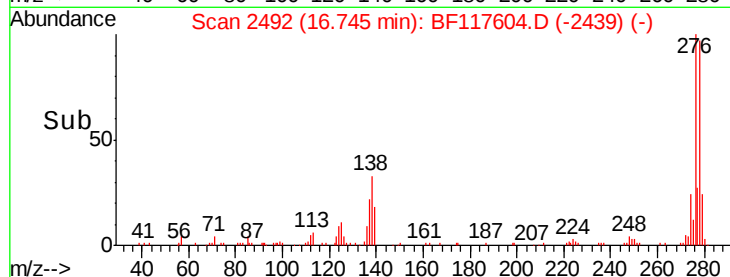
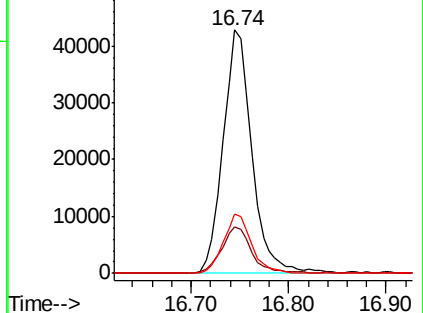
279 24.6 17.8 26.6



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: 40.612 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

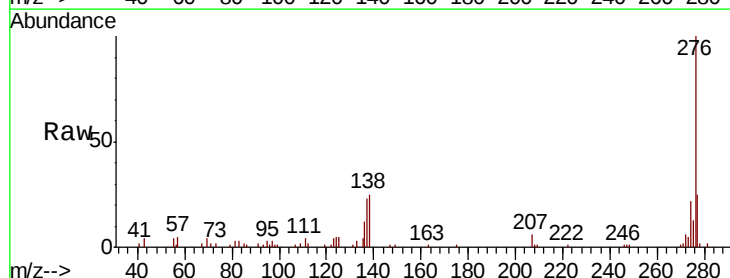
Tgt Ion:276 Resp: 81702

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 24.6 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

