

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117698.D
 Acq On : 6 Nov 2019 13:54
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:11:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:03:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	380439	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	1429495	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	753160	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1347008	20.00	ng	0.00
76) Chrysene-d12	14.13	240	898127	20.00	ng	0.00
87) Perylene-d12	15.64	264	837878	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2080843	90.27	ng	0.00
7) Phenol-d6	6.56	99	2557813	89.87	ng	0.00
23) Nitrobenzene-d5	7.50	82	2408705	103.81	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	722962	98.50	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3918634	99.78	ng	0.00
79) Terphenyl-d14	13.07	244	4231819	97.84	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.76	88	526949	49.073	ng	99
3) Pyridine	3.52	79	1447658	49.945	ng	100
4) n-Nitrosodimethylamine	3.49	42	641357	48.857	ng	98
6) Aniline	6.60	93	1827039	47.306	ng	99
8) 2-Chlorophenol	6.72	128	1167617	49.377	ng	97
9) Benzaldehyde	6.49	77	896319	59.849	ng	98
10) Phenol	6.57	94	1406125	49.471	ng	98
11) bis(2-Chloroethyl)ether	6.67	93	1146395	49.137	ng	97
12) 1,3-Dichlorobenzene	6.88	146	1337487	48.993	ng	98
13) 1,4-Dichlorobenzene	6.96	146	1345671	49.083	ng	98
14) 1,2-Dichlorobenzene	7.11	146	1243052	49.492	ng	99
15) Benzyl Alcohol	7.07	79	1046319	50.101	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	1818543	48.987	ng	100
17) 2-Methylphenol	7.18	107	997229	48.857	ng	99
18) Hexachloroethane	7.46	117	505826	49.806	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	834722	48.200	ng	98
20) 3+4-Methylphenols	7.34	107	1171894	48.671	ng	90
22) Acetophenone	7.35	105	1591350	49.427	ng	# 98
24) Nitrobenzene	7.52	77	1254844	52.535	ng	97
25) Isophorone	7.76	82	2258993	50.782	ng	99
26) 2-Nitrophenol	7.84	139	602203	57.301	ng	93
27) 2,4-Dimethylphenol	7.87	122	977839	51.425	ng	100
28) bis(2-Chloroethoxy)methane	7.97	93	1462365	52.063	ng	100
29) 2,4-Dichlorophenol	8.07	162	1022247	53.390	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	1165074	53.089	ng	99
31) Naphthalene	8.25	128	3190618	51.336	ng	99
32) Benzoic acid	7.99	122	801537	56.558	ng	96
33) 4-Chloroaniline	8.29	127	1497668	51.058	ng	97
34) Hexachlorobutadiene	8.37	225	666368	53.050	ng	99
35) Caprolactam	8.67	113	294303	45.466	ng	94
36) 4-Chloro-3-methylphenol	8.77	107	1010696	51.866	ng	99
37) 2-Methylnaphthalene	8.94	142	2170491	51.445	ng	99
38) 1-Methylnaphthalene	9.04	142	2061253	51.572	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	1021778	51.201	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117698.D
 Acq On : 6 Nov 2019 13:54
 Operator : JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 15:11:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:03:21 2019
 Response via : Initial Calibration

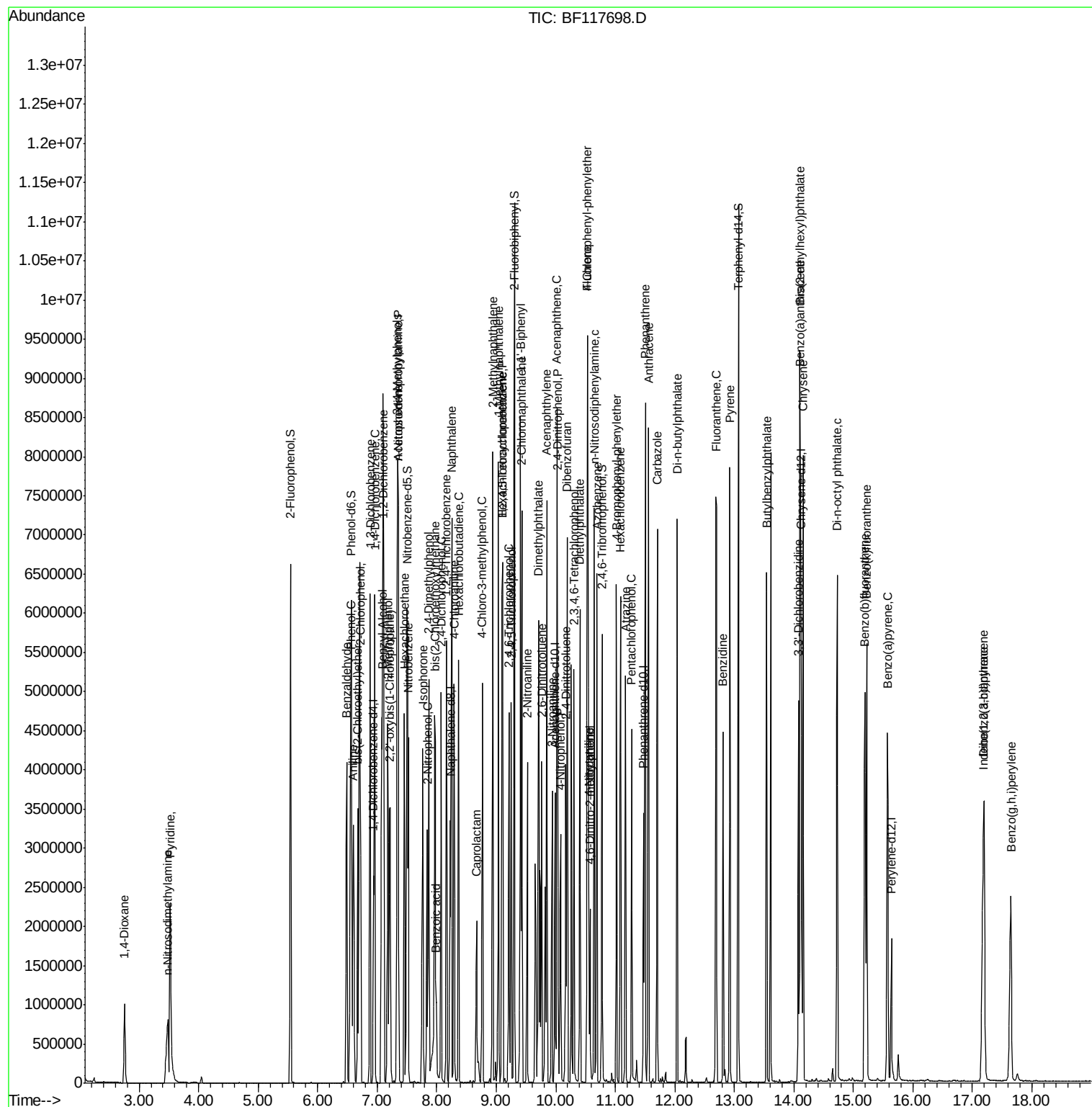
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	568432	51.592	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	747923	54.312	ng	100
44) 2,4,5-Trichlorophenol	9.25	196	768154	55.450	ng	96
46) 1,1'-Biphenyl	9.41	154	2560898	49.060	ng	99
47) 2-Chloronaphthalene	9.43	162	2154650	51.694	ng	98
48) 2-Nitroaniline	9.52	65	693920	55.378	ng	95
49) Acenaphthylene	9.85	152	3136578	51.112	ng	98
50) Dimethylphthalate	9.71	163	2478197	51.792	ng	99
51) 2,6-Dinitrotoluene	9.77	165	577687	55.515	ng	87
52) Acenaphthene	10.02	154	2012367	51.972	ng	99
53) 3-Nitroaniline	9.94	138	696644	55.002	ng	91
54) 2,4-Dinitrophenol	10.03	184	205012	60.853	ng	# 66
55) Dibenzofuran	10.19	168	2831203	51.949	ng	99
56) 4-Nitrophenol	10.08	139	517876	55.177	ng	98
57) 2,4-Dinitrotoluene	10.17	165	748407	57.272	ng	90
58) Fluorene	10.54	166	2067658	51.175	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	640264	57.431	ng	100
60) Diethylphthalate	10.41	149	2478011	52.786	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	1080976	51.729	ng	97
62) 4-Nitroaniline	10.56	138	686384	55.624	ng	99
63) Azobenzene	10.69	77	2329821	51.676	ng	96
65) 4,6-Dinitro-2-methylphenol	10.58	198	290403	59.869	ng	89
66) n-Nitrosodiphenylamine	10.65	169	1983859	50.770	ng	99
67) 4-Bromophenyl-phenylether	11.02	248	733014	51.441	ng	95
68) Hexachlorobenzene	11.09	284	847086	51.254	ng	96
69) Atrazine	11.17	200	651451	80.673	ng	99
70) Pentachlorophenol	11.27	266	497128	59.367	ng	99
71) Phenanthrene	11.50	178	3170061	50.177	ng	99
72) Anthracene	11.56	178	3120975	49.159	ng	98
73) Carbazole	11.70	167	2880784	49.632	ng	98
74) Di-n-butylphthalate	12.04	149	3527467	50.632	ng	98
75) Fluoranthene	12.70	202	3213873	49.895	ng	98
77) Benzidine	12.81	184	1603509	90.833	ng	98
78) Pyrene	12.93	202	3248553	51.454	ng	98
80) Butylbenzylphthalate	13.54	149	1532869	53.423	ng	93
81) Benzo(a)anthracene	14.12	228	2764356	52.225	ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	1057865	55.432	ng	98
83) Chrysene	14.16	228	2739649	52.611	ng	97
84) Bis(2-ethylhexyl)phthalate	14.10	149	1952999	53.182	ng	99
85) Di-n-octyl phthalate	14.73	149	3069864	53.893	ng	100
86) Indeno(1,2,3-cd)pyrene	17.18	276	2498229	51.154	ng	100
88) Benzo(b)fluoranthene	15.19	252	2713962	54.615	ng	98
89) Benzo(k)fluoranthene	15.23	252	2331685	50.712	ng	98
90) Benzo(a)pyrene	15.57	252	2307238	52.847	ng	99
91) Dibenzo(a,h)anthracene	17.20	278	2059697	52.999	ng	98
92) Benzo(g,h,i)perylene	17.64	276	2027744	53.388	ng	100

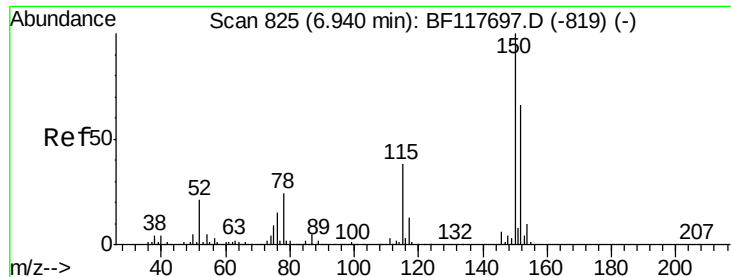
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
 Data File : BF117698.D
 Acq On : 6 Nov 2019 13:54
 Operator : JU
 Sample : SSTDIC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampled :

Quant Time: Nov 06 15:11:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:03:21 2019
 Response via : Initial Calibration



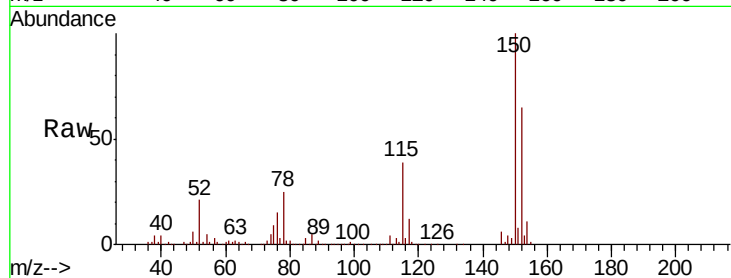


#1

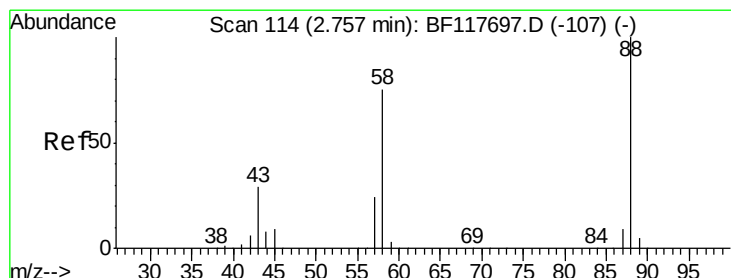
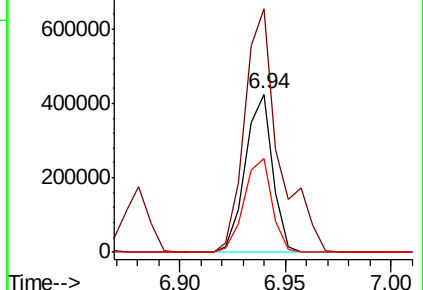
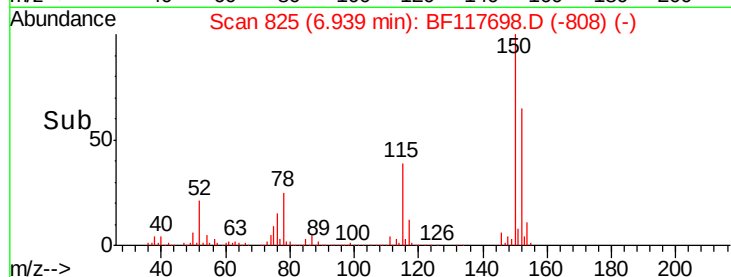
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 380439
Ion Ratio Lower Upper
152 100
150 154.1 121.4 182.2
115 59.6 46.7 70.1



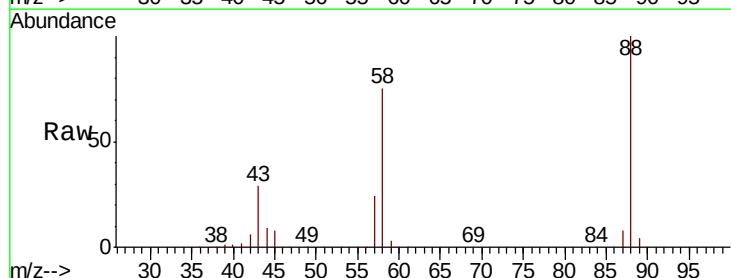
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



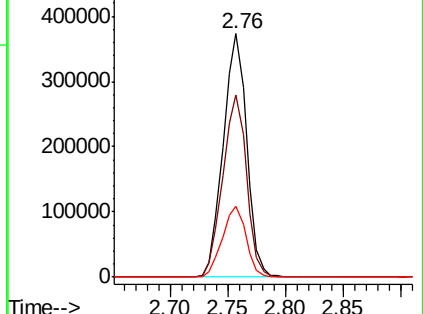
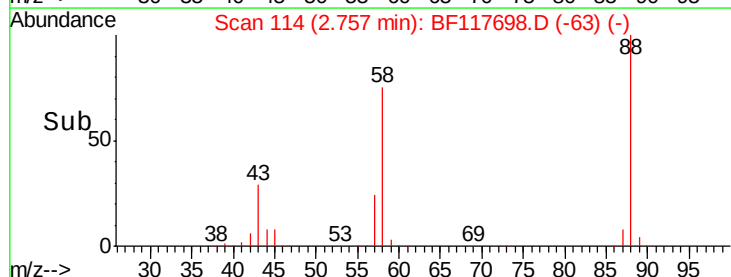
#2

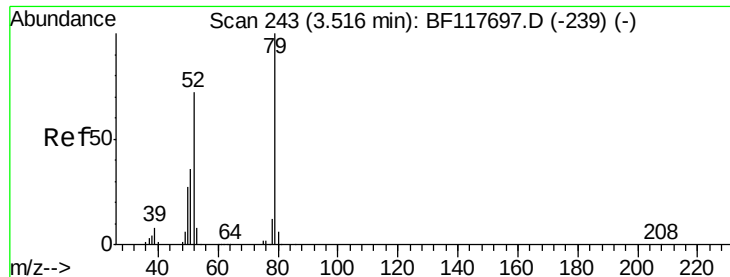
1,4-Dioxane
Concen: 49.073 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion: 88 Resp: 526949
Ion Ratio Lower Upper
88 100
58 75.4 60.1 90.1
43 29.4 24.0 36.0



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: 49.945 ng

RT: 3.52 min Scan# 244

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

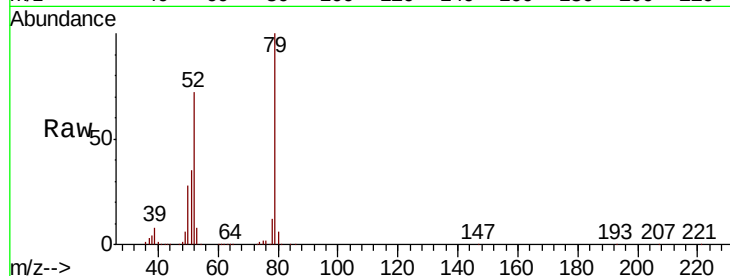
Tot Ion: 79 Resp: 1447658

Ion Ratio Lower Upper

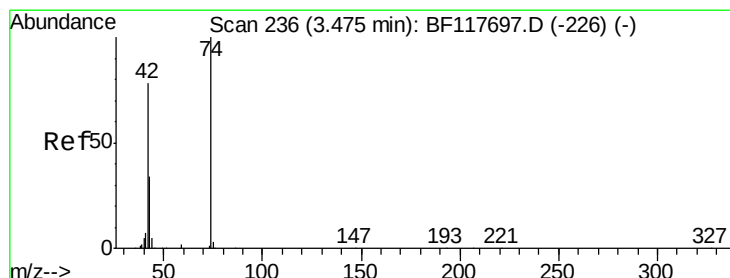
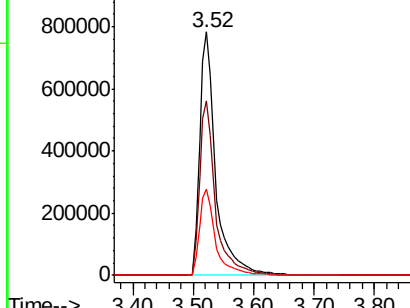
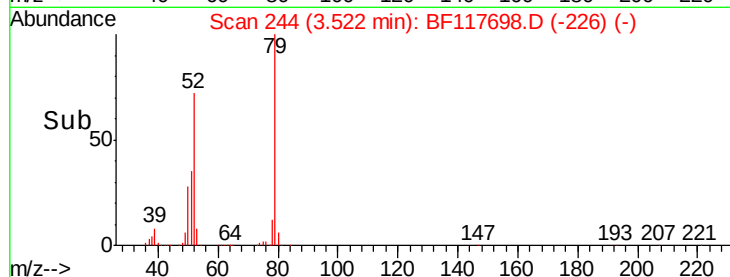
79 100

52 71.7 57.2 85.8

51 35.5 28.6 42.8



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



#4

n-Nitrosodimethylamine

Concen: 48.857 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

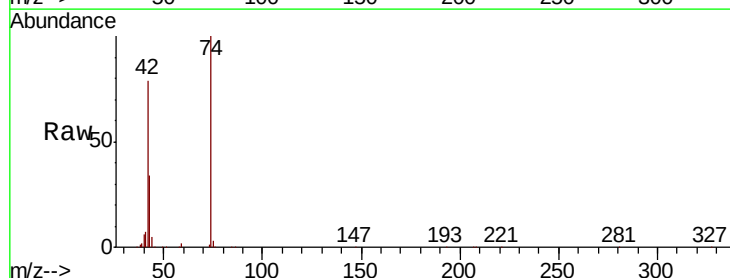
Tgt Ion: 42 Resp: 641357

Ion Ratio Lower Upper

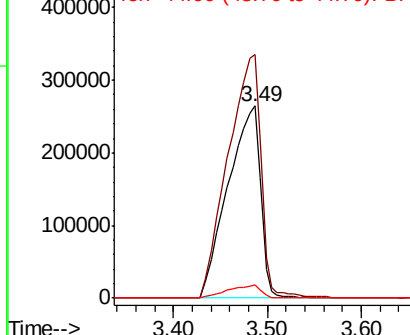
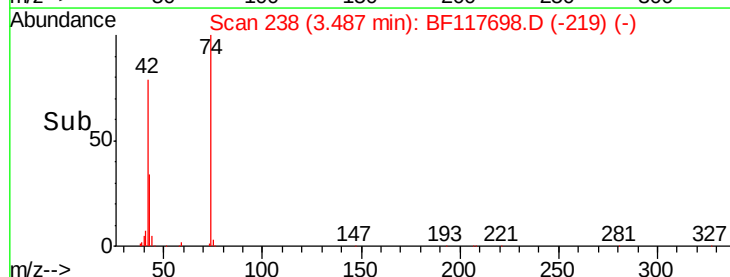
42 100

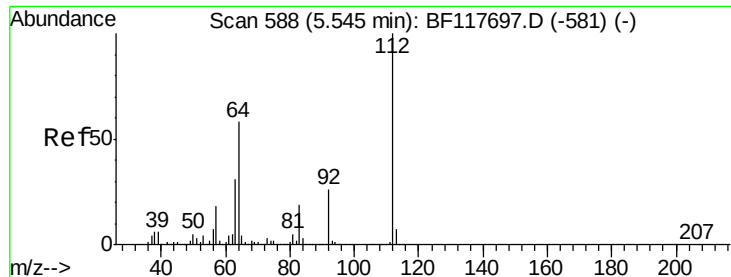
74 126.9 103.1 154.7

44 6.7 5.0 7.6



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: 90.274 ng

RT: 5.55 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

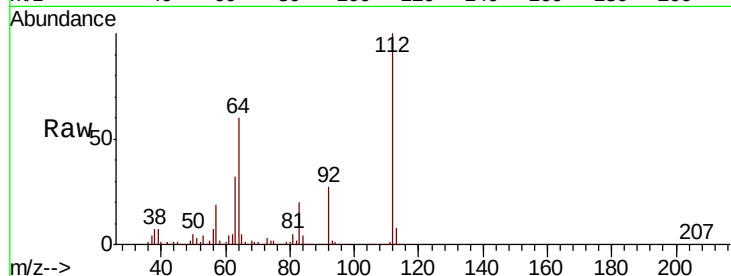
Tot Ion:112 Resp: 2080843

Ion Ratio Lower Upper

112 100

64 59.8 46.4 69.6

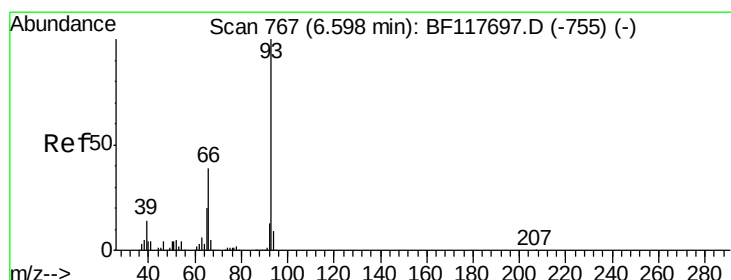
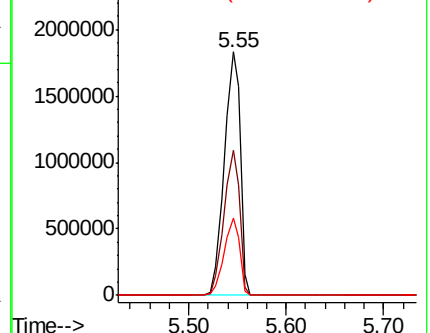
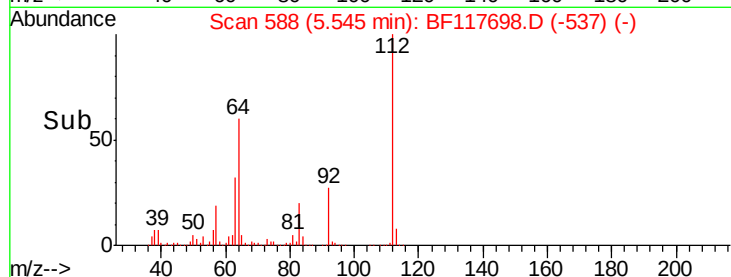
63 31.7 24.6 37.0



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: 47.306 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

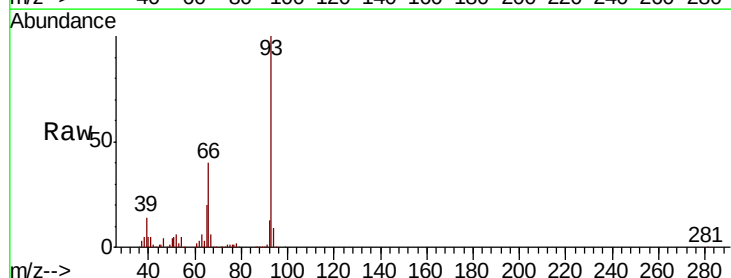
Tgt Ion: 93 Resp: 1827039

Ion Ratio Lower Upper

93 100

66 40.1 31.7 47.5

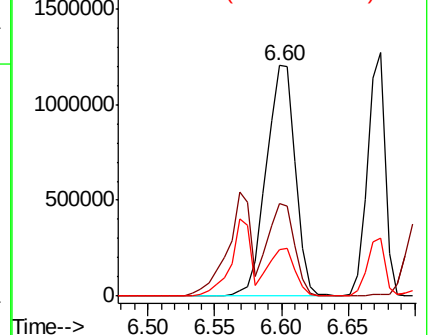
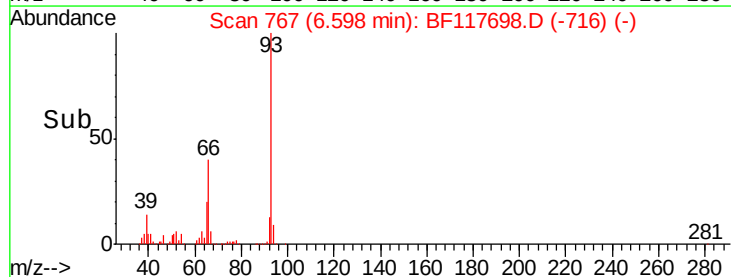
65 20.2 15.8 23.8

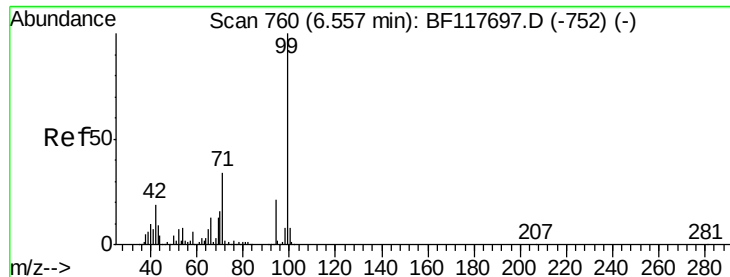


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.870 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

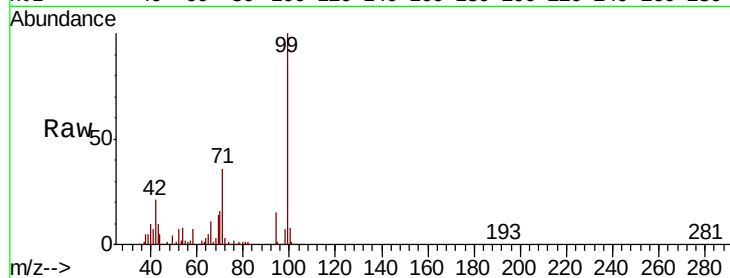
Tot Ion: 99 Resp: 2557813

Ion Ratio Lower Upper

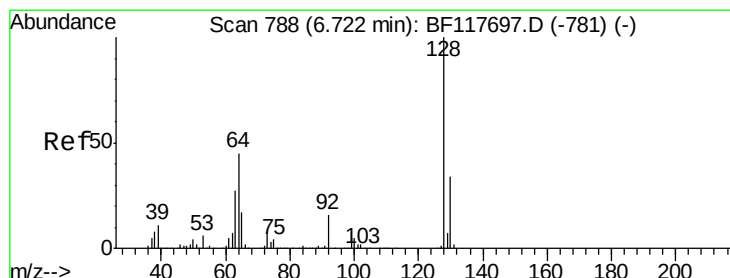
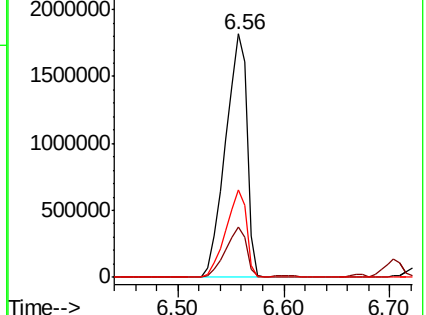
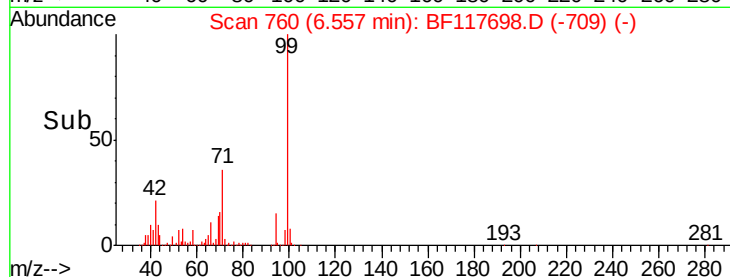
99 100

42 20.6 15.3 22.9

71 35.7 26.8 40.2



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: 49.377 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

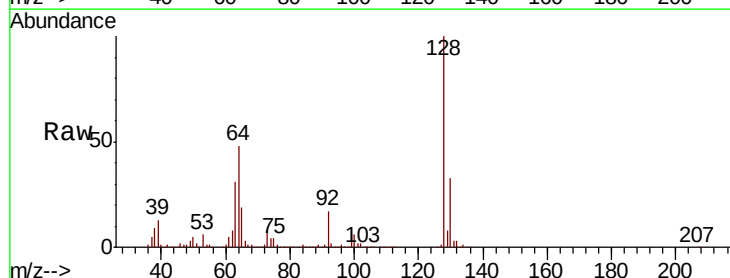
Tgt Ion:128 Resp: 1167617

Ion Ratio Lower Upper

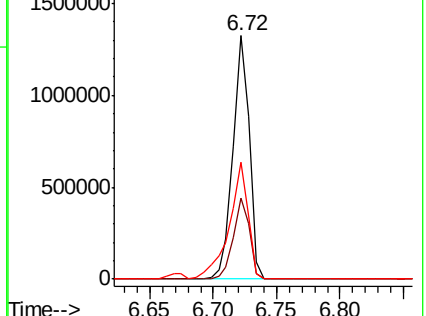
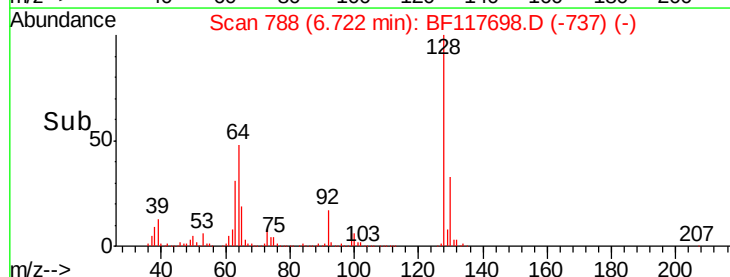
128 100

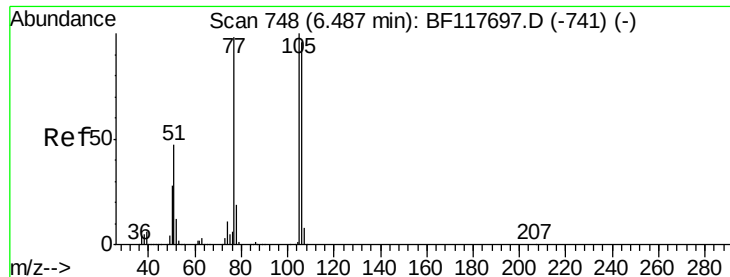
130 33.4 13.6 53.6

64 48.0 25.2 65.2



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: 59.849 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

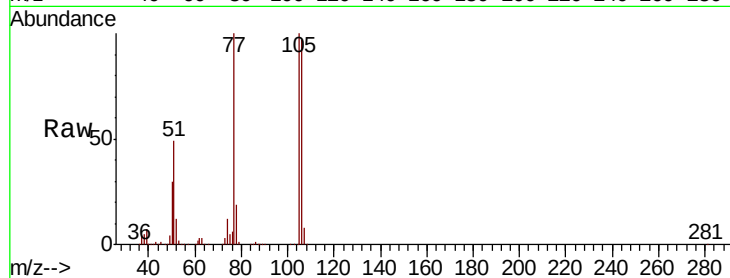
Tot Ion: 77 Resp: 896319

Ion Ratio Lower Upper

77 100

105 100.0 82.3 122.3

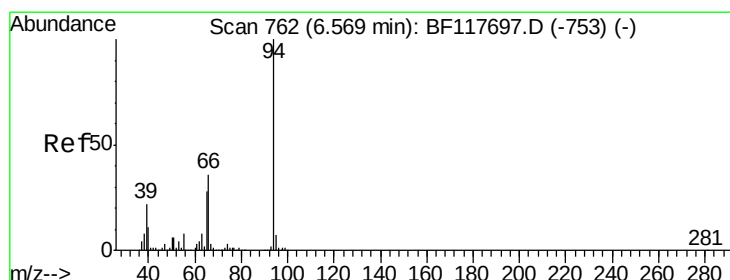
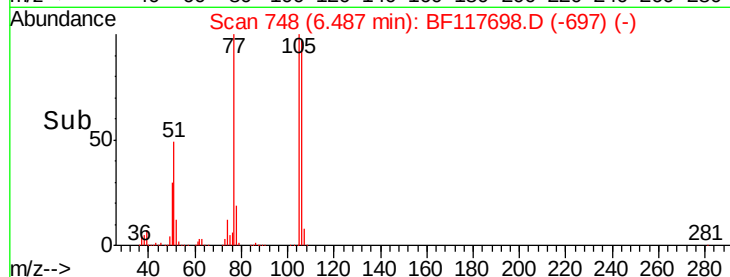
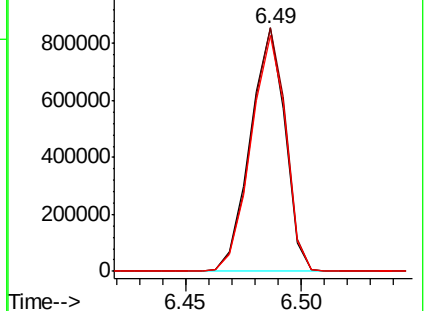
106 96.7 78.0 118.0



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: 49.471 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

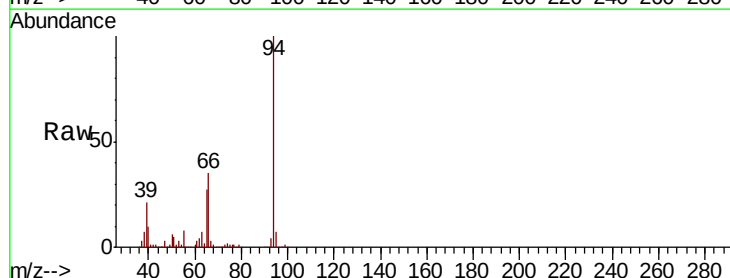
Tgt Ion: 94 Resp: 1406125

Ion Ratio Lower Upper

94 100

65 26.7 7.6 47.6

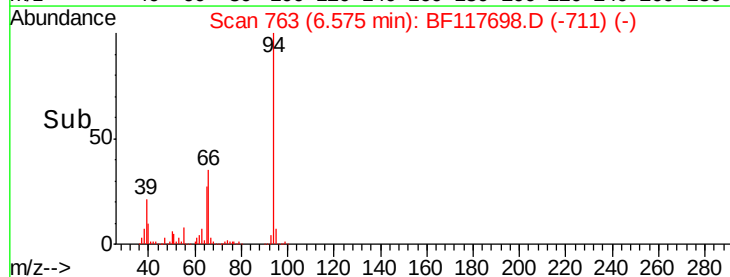
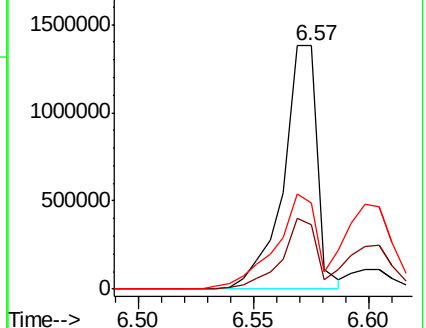
66 35.3 16.1 56.1

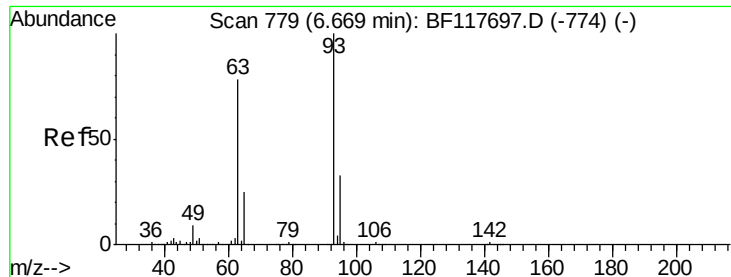


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 49.137 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

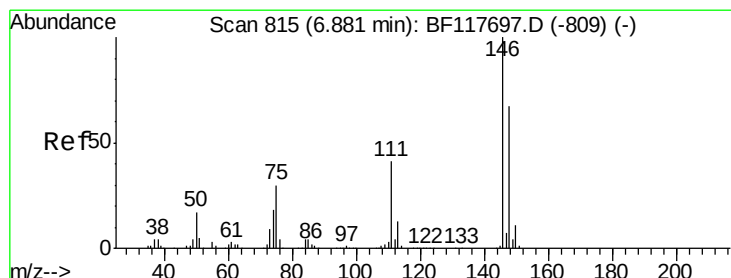
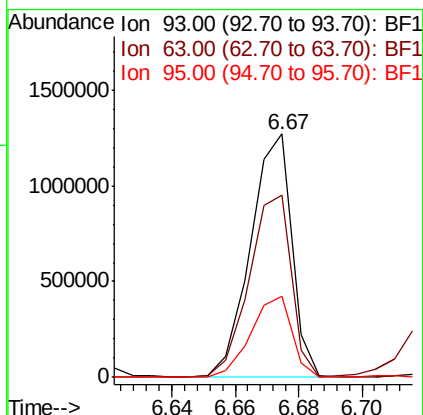
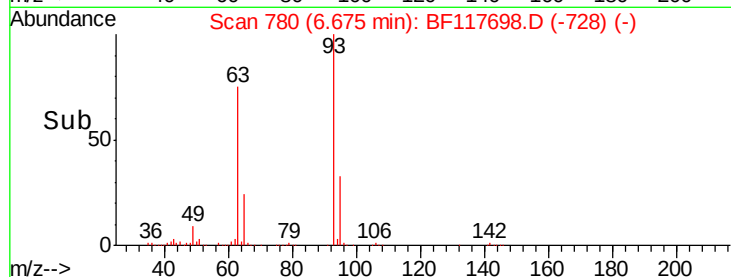
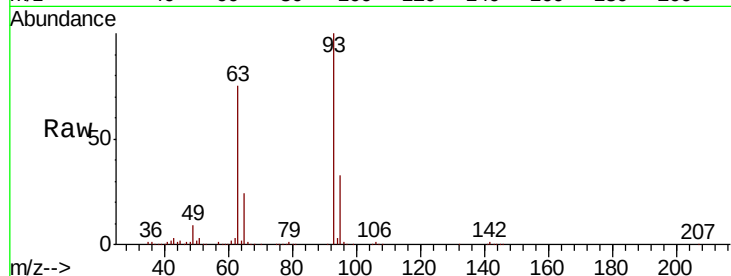
Tot Ion: 93 Resp: 1146395

Ion Ratio Lower Upper

93 100

63 74.6 57.6 97.6

95 33.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 48.993 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

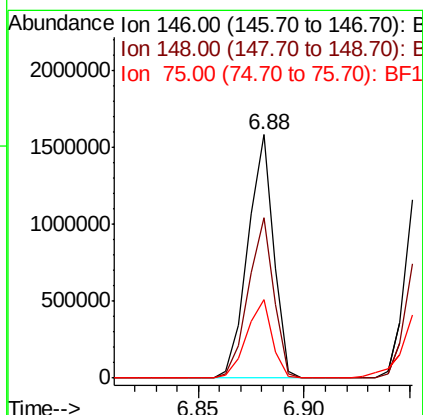
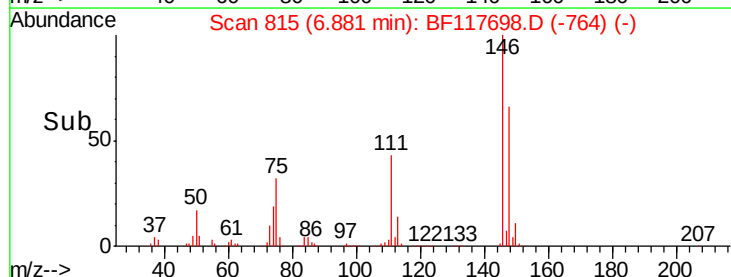
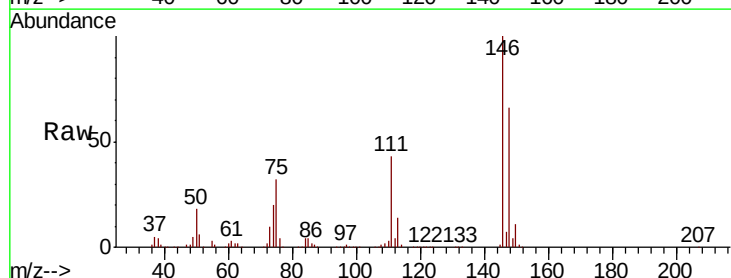
Tgt Ion: 146 Resp: 1337487

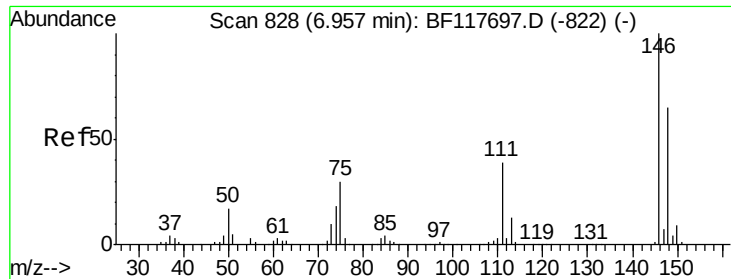
Ion Ratio Lower Upper

146 100

148 65.7 53.4 80.2

75 32.0 24.0 36.0

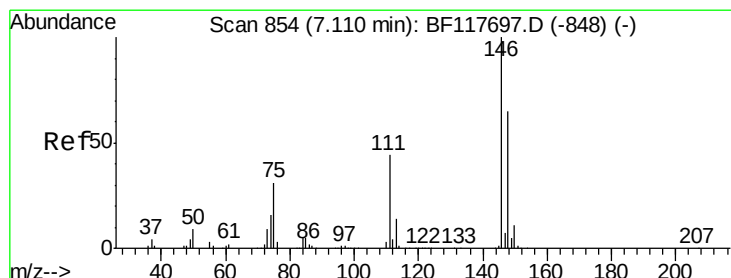
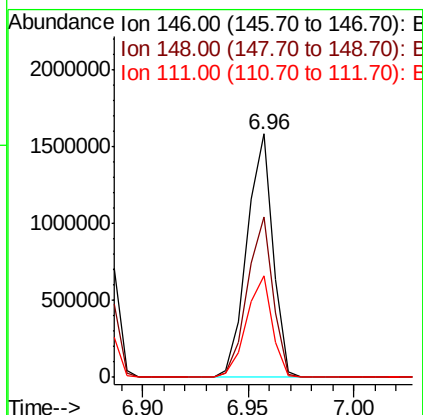
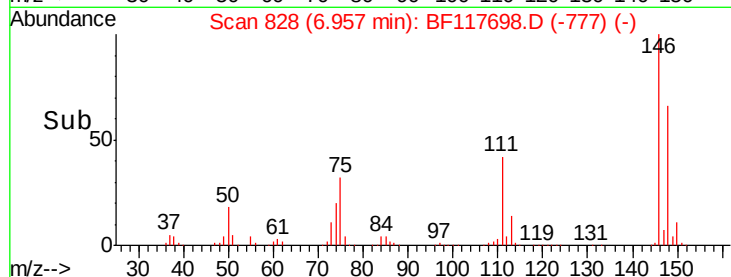
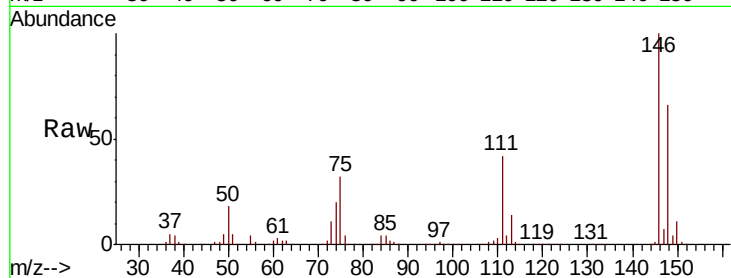




#13
 1,4-Dichlorobenzene
 Concen: 49.083 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

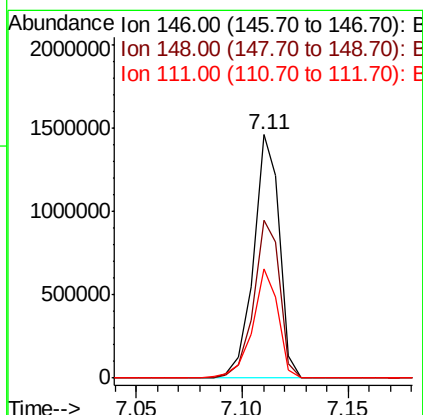
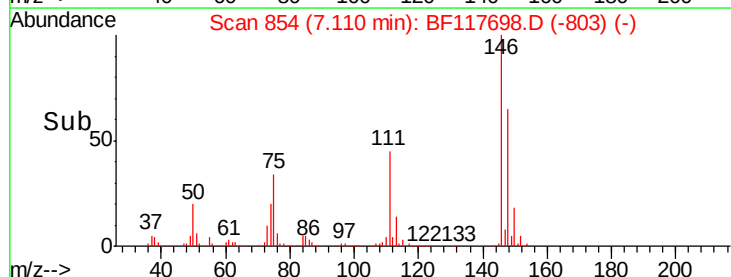
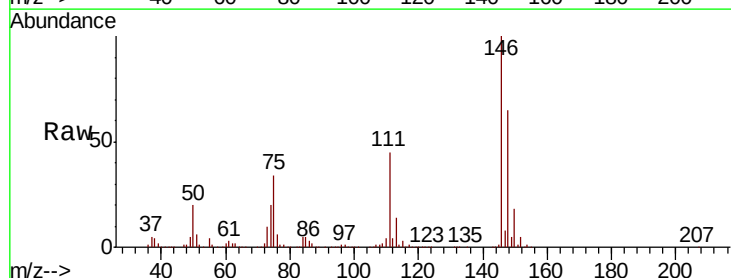
Instrument :
 BNA_F
 ClientSampleId :

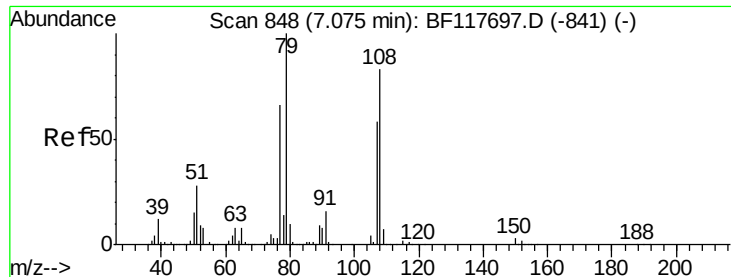
Tot Ion:146 Resp: 1345671
 Ion Ratio Lower Upper
 146 100
 148 66.0 51.9 77.9
 111 41.7 31.6 47.4



#14
 1,2-Dichlorobenzene
 Concen: 49.492 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:146 Resp: 1243052
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 111 44.9 35.1 52.7





#15

Benzyl Alcohol

Concen: 50.101 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

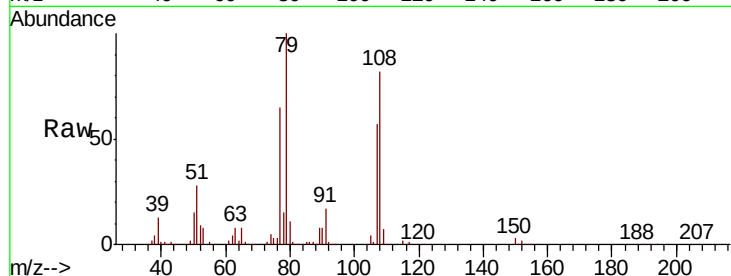
Tot Ion: 79 Resp: 1046319

Ion	Ratio	Lower	Upper
79	100		
108	82.0	66.5	99.7
77	65.5	52.9	79.3

79 100

108 82.0 66.5 99.7

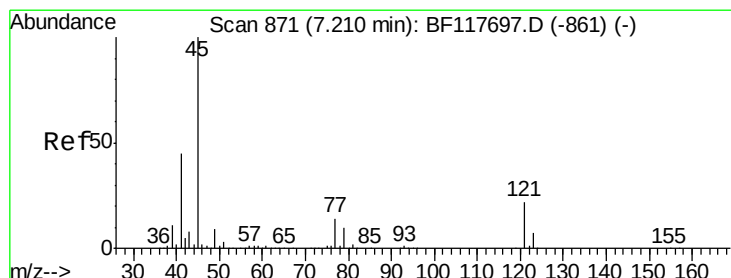
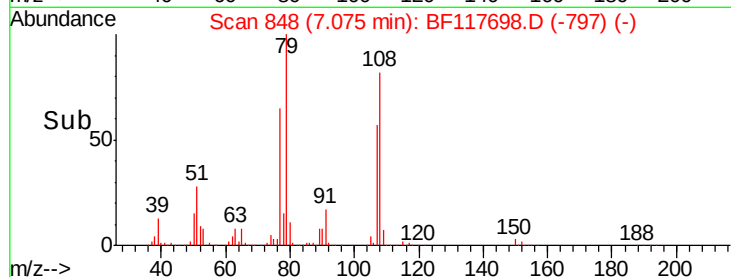
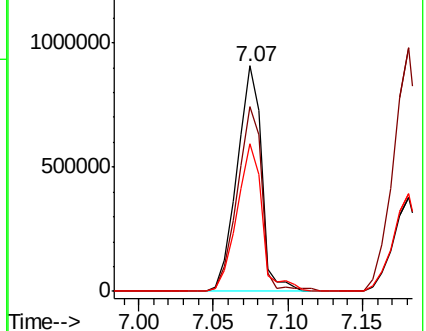
77 65.5 52.9 79.3



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: 48.987 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

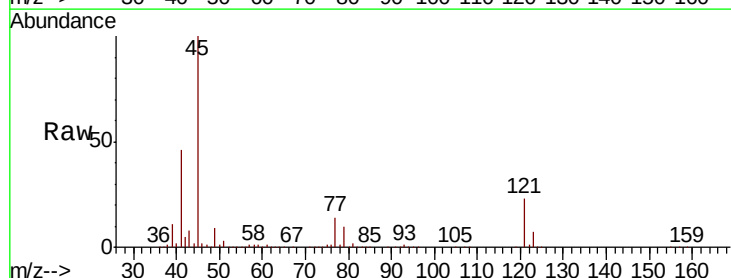
Tgt Ion: 45 Resp: 1818543

Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.8
79	10.5	0.0	30.5

45 100

77 14.0 0.0 33.8

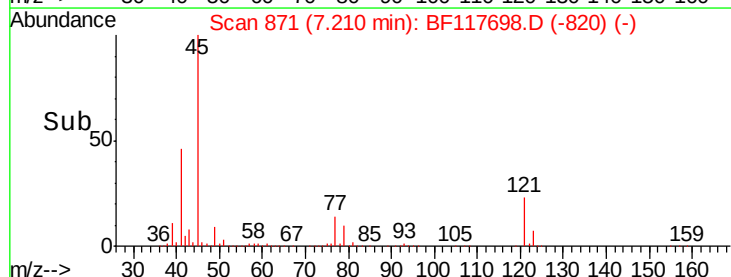
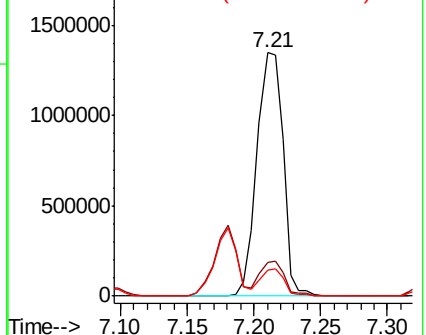
79 10.5 0.0 30.5

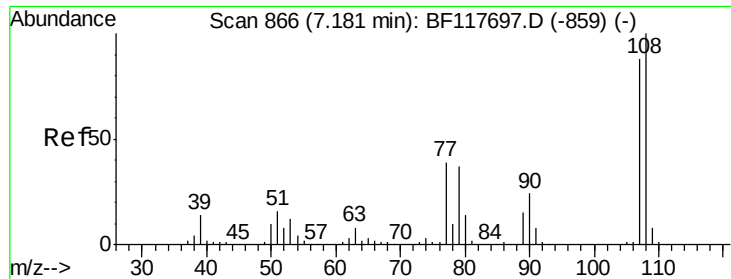


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

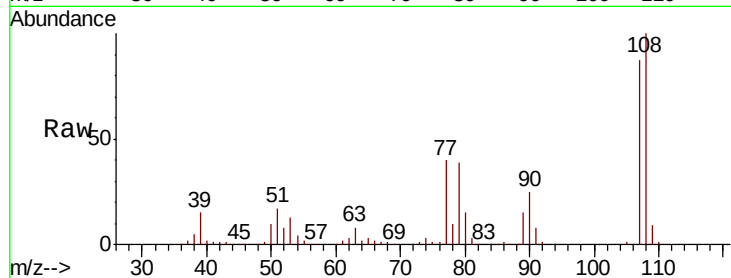




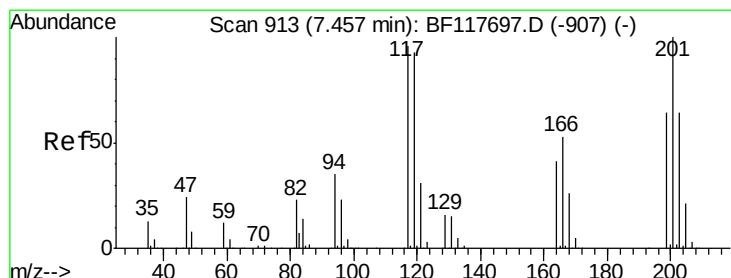
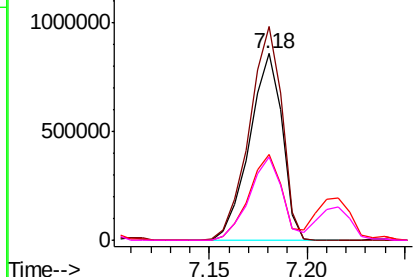
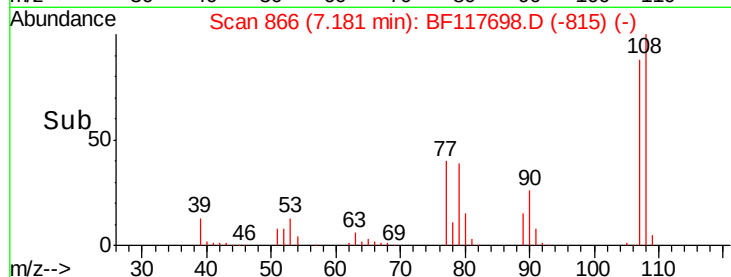
#17
2-Methylphenol
Concen: 48.857 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	997229
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.1	136.7
77	45.8	35.8	53.8
79	44.3	34.1	51.1

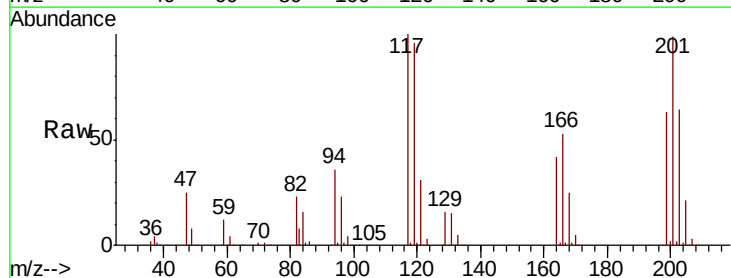


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

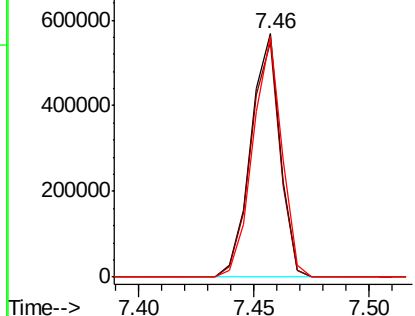
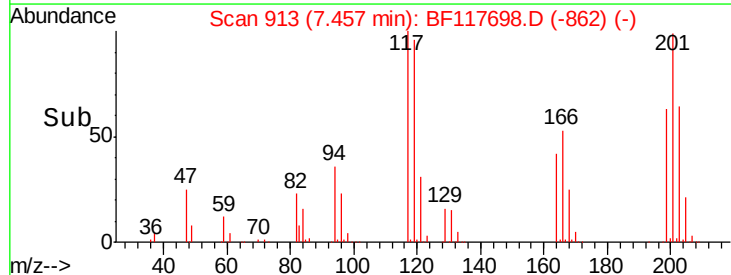


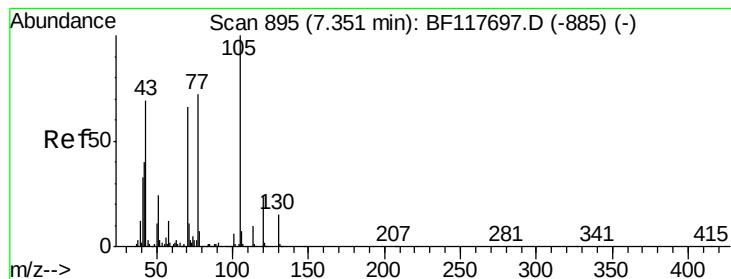
#18
Hexachloroethane
Concen: 49.806 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:	117	Resp:	505826
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
201	99.2	83.2	124.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 48.200 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 834722

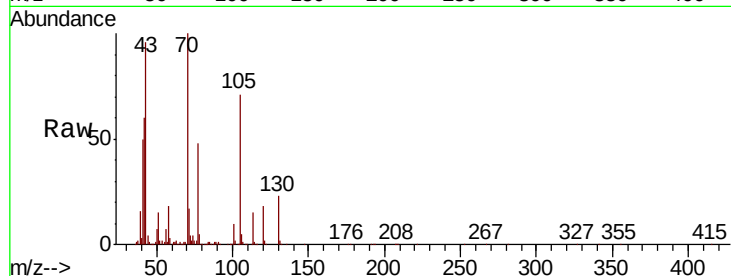
Ion Ratio Lower Upper

70 100

42 59.6 49.1 73.7

101 10.0 7.8 11.8

130 22.9 17.9 26.9



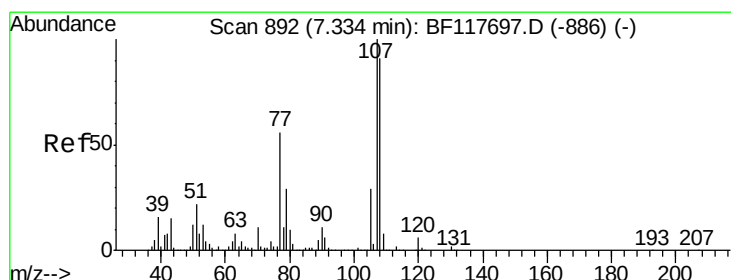
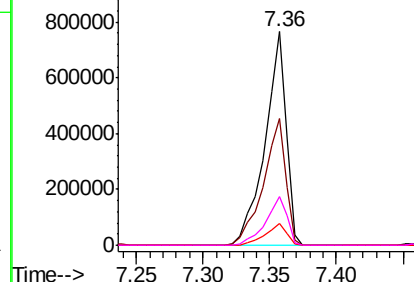
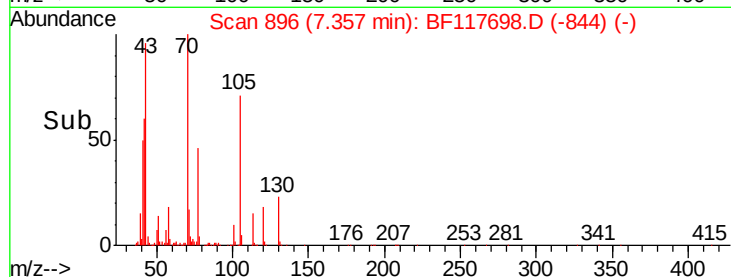
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 48.671 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion: 107 Resp: 1171894

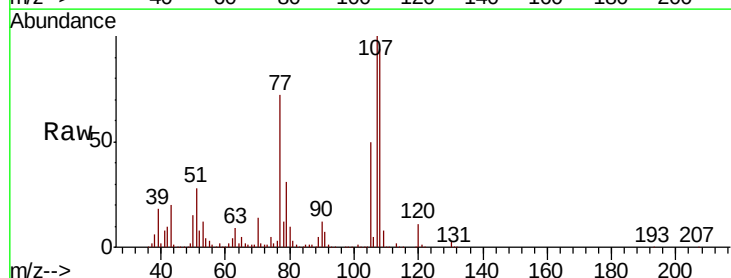
Ion Ratio Lower Upper

107 100

108 93.7 70.5 110.5

77 72.0 35.6 75.6

79 30.9 8.7 48.7



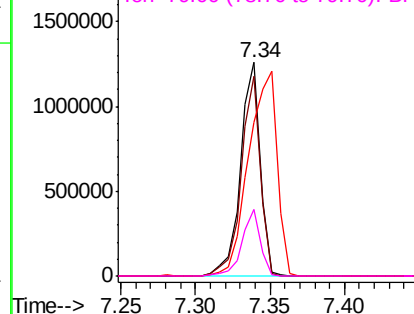
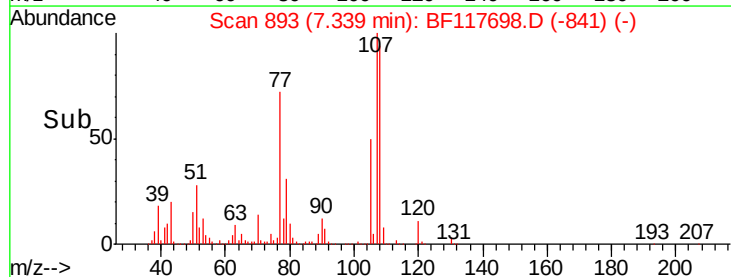
Abundance

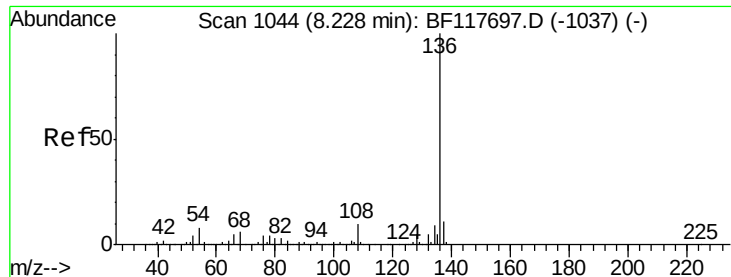
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

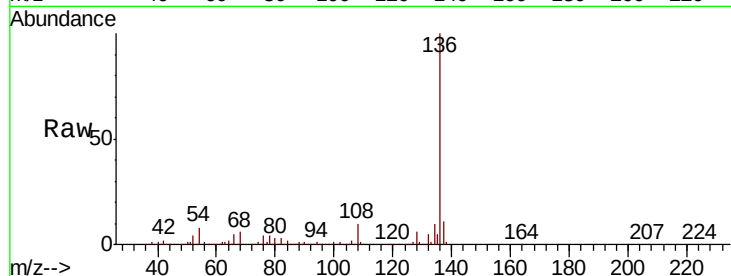




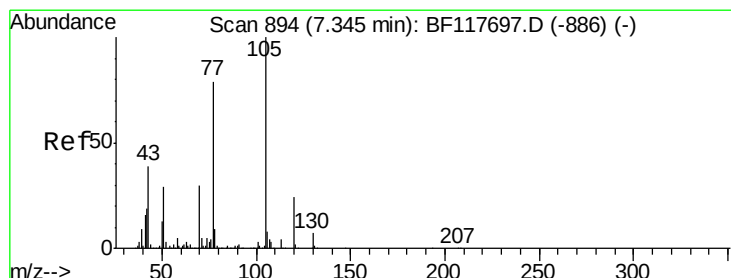
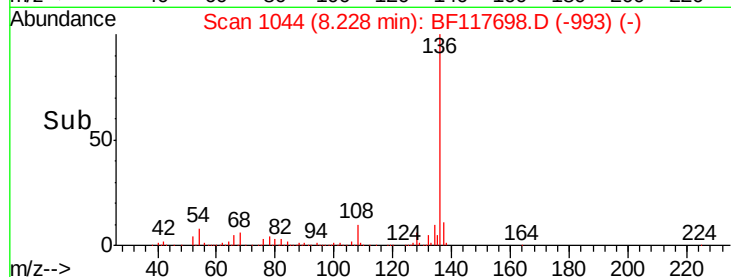
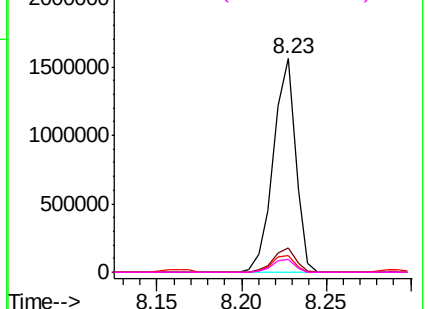
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1429495
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.6 6.0 9.0
68 6.1 4.8 7.2

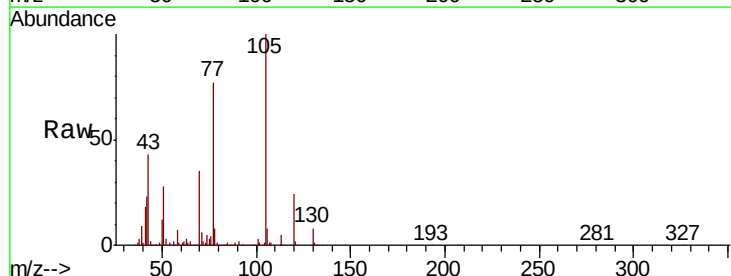


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

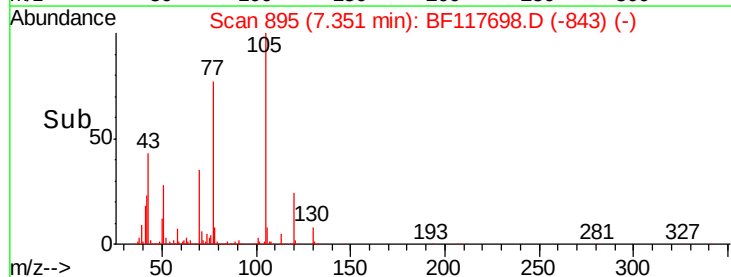
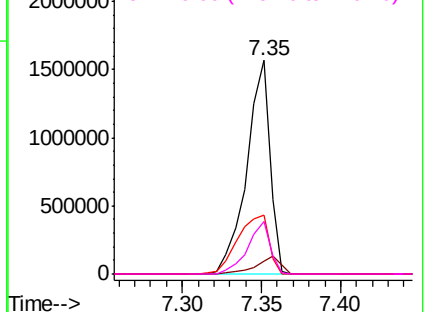


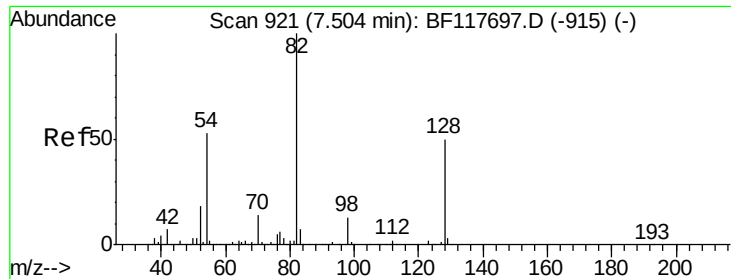
#22
Acetophenone
Concen: 49.427 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:105 Resp: 1591350
Ion Ratio Lower Upper
105 100
71 6.0 3.9 5.9#
51 27.5 23.0 34.4
120 24.4 19.1 28.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

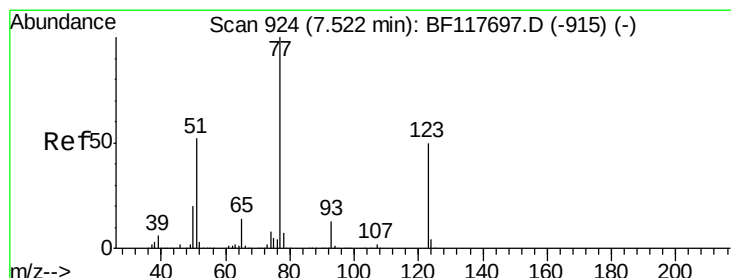
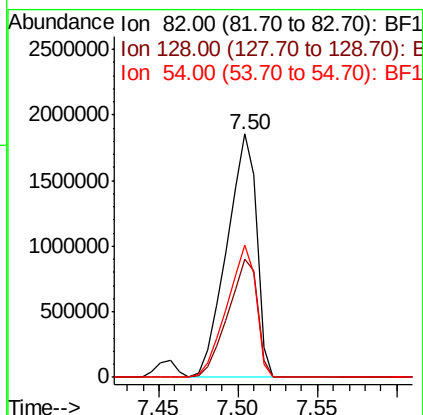
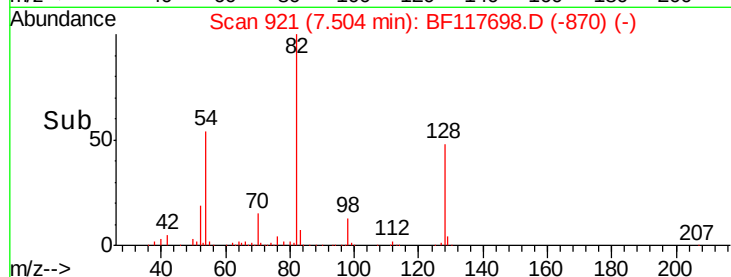
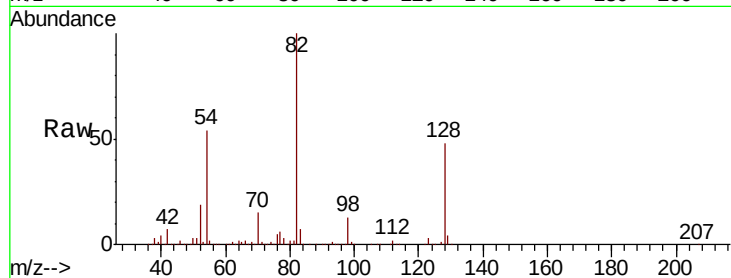




#23
Nitrobenzene-d5
Concen: 103.806 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

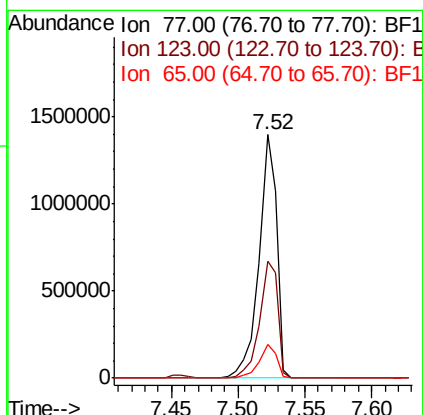
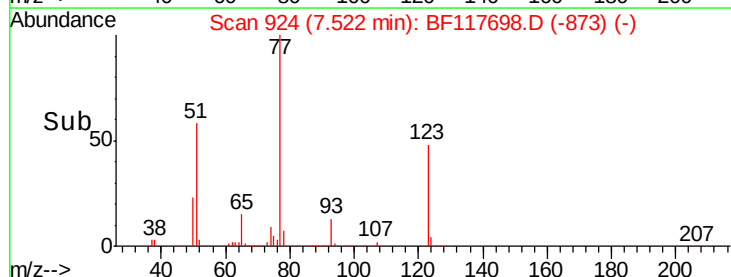
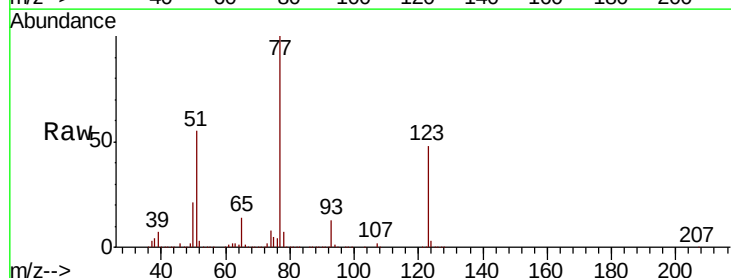
Instrument :
BNA_F
ClientSampled :

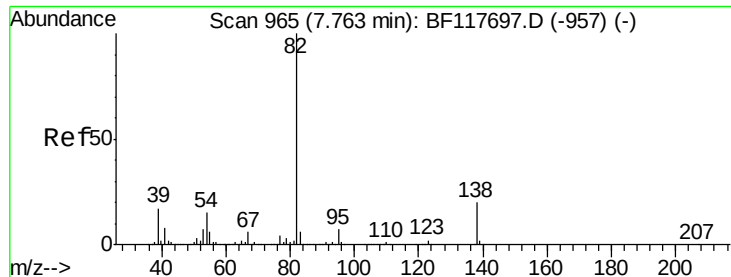
Tot Ion: 82 Resp: 2408705
Ion Ratio Lower Upper
82 100
128 48.5 40.2 60.2
54 54.4 42.0 63.0



#24
Nitrobenzene
Concen: 52.535 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion: 77 Resp: 1254844
Ion Ratio Lower Upper
77 100
123 48.2 40.4 60.6
65 14.0 10.8 16.2





#25

Isophorone

Concen: 50.782 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

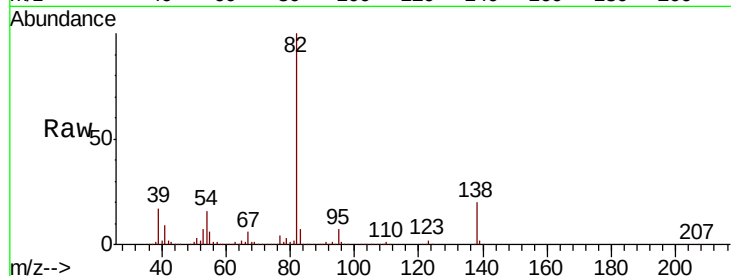
Tot Ion: 82 Resp: 2258993

Ion Ratio Lower Upper

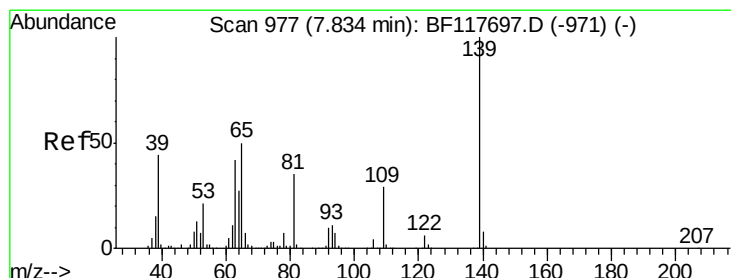
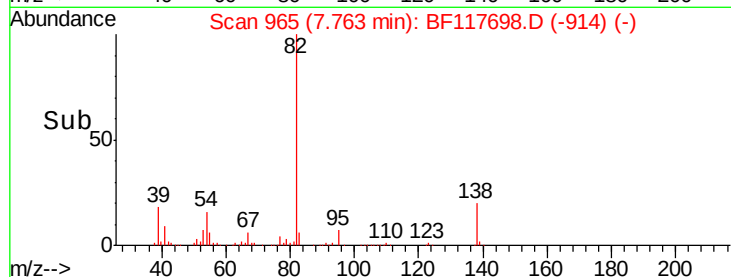
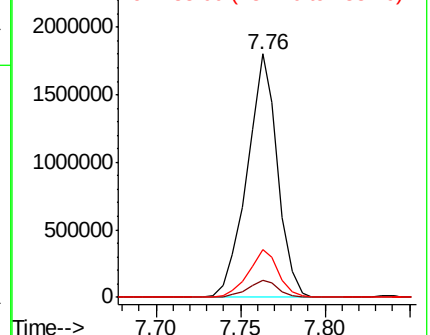
82 100

95 7.3 5.8 8.6

138 19.7 16.2 24.2



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: 57.301 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

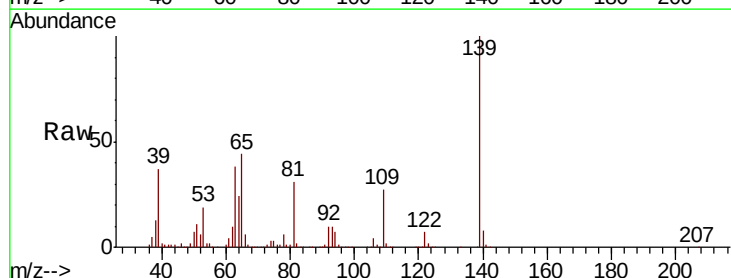
Tgt Ion: 139 Resp: 602203

Ion Ratio Lower Upper

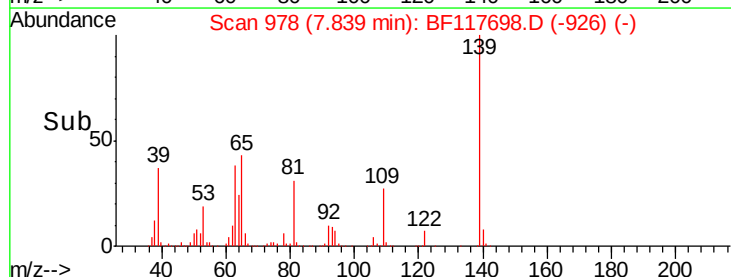
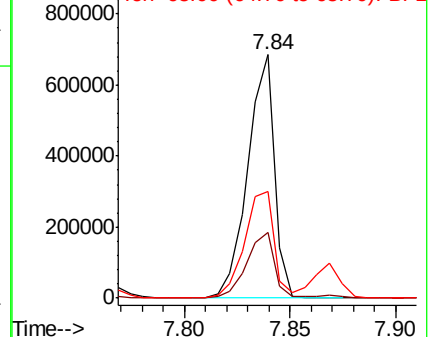
139 100

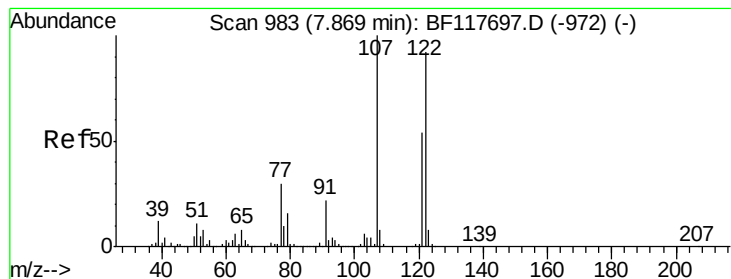
109 27.2 22.8 34.2

65 43.9 40.2 60.4



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: 51.425 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

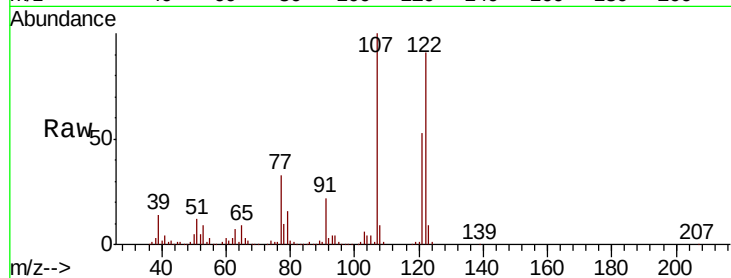
Tot Ion:122 Resp: 977839

Ion Ratio Lower Upper

122 100

107 109.5 87.1 130.7

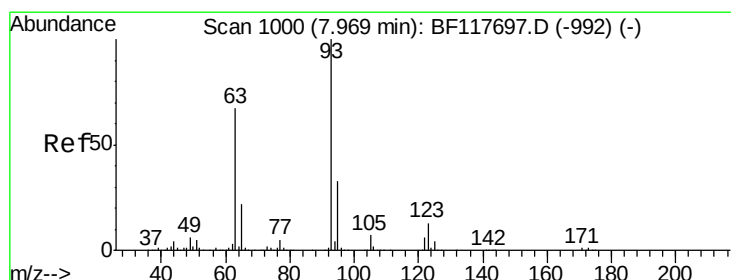
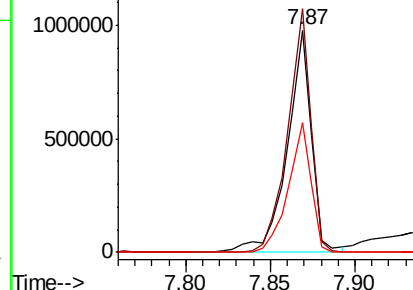
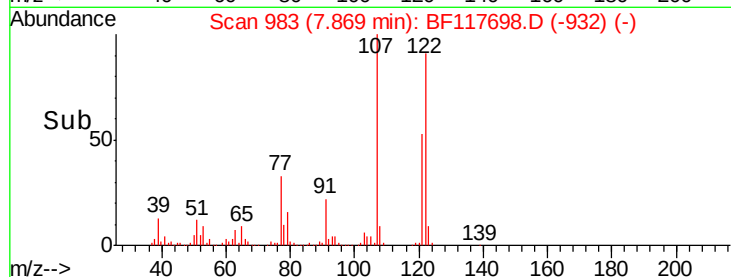
121 58.4 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 52.063 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

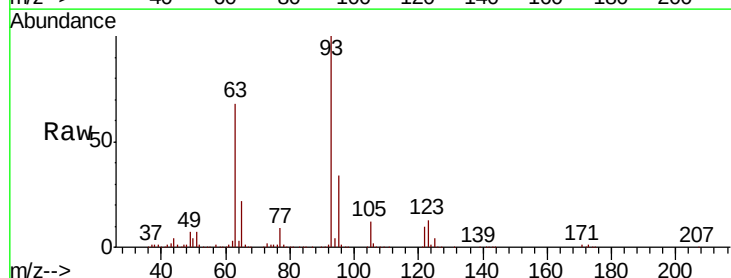
Tgt Ion: 93 Resp: 1462365

Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

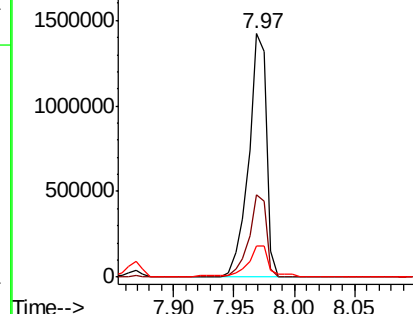
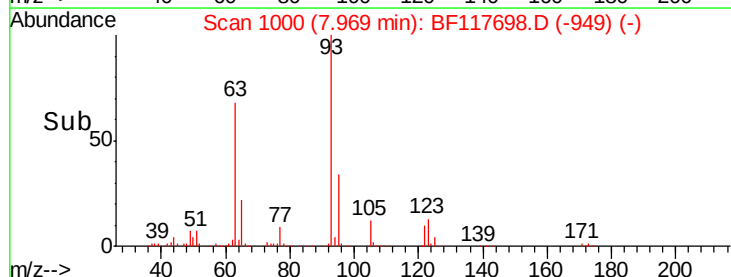
123 12.7 10.4 15.6

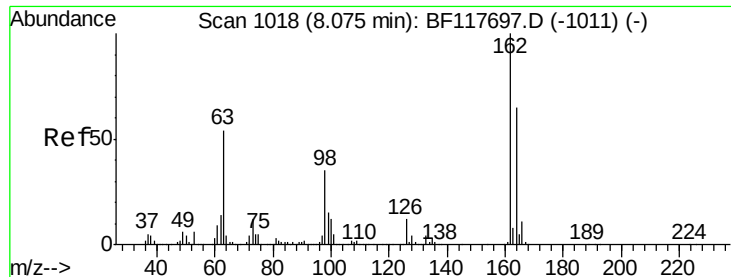


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

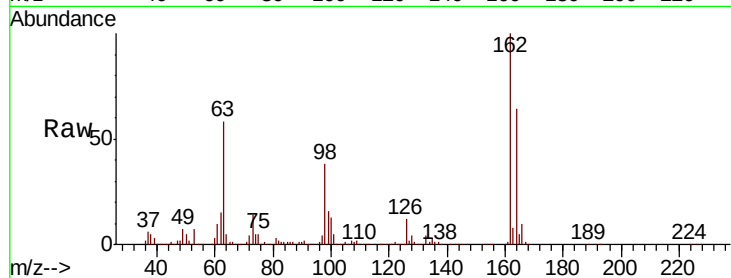




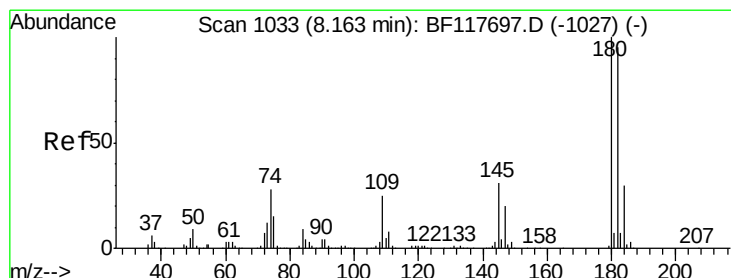
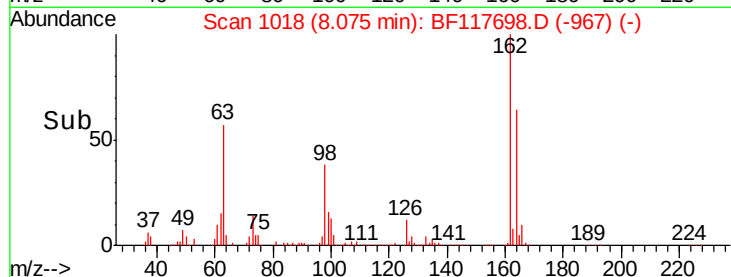
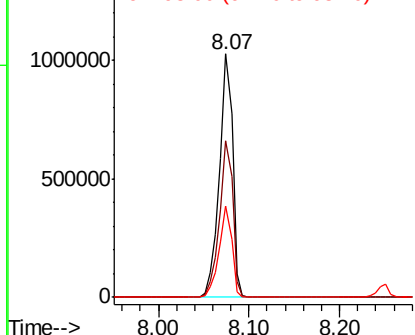
#29
2,4-Dichlorophenol
Concen: 53.390 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1022247
Ion Ratio Lower Upper
162 100
164 64.1 45.4 85.4
98 37.6 15.5 55.5

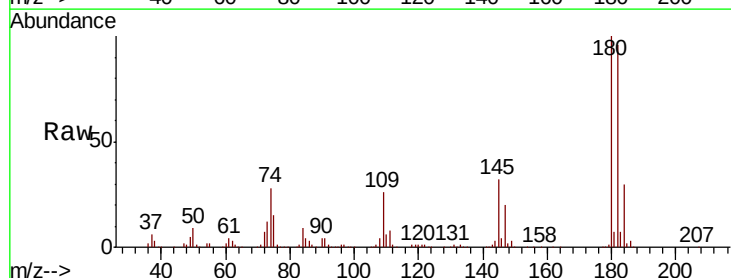


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

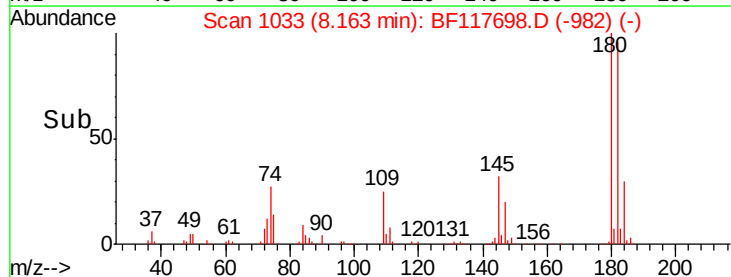
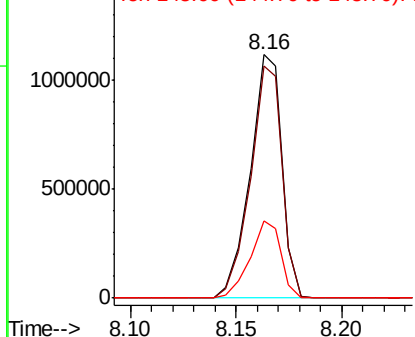


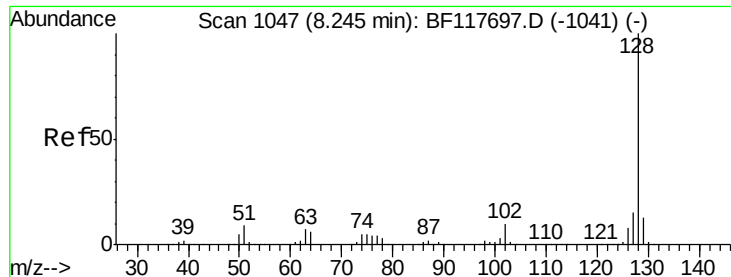
#30
1,2,4-Trichlorobenzene
Concen: 53.089 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:180 Resp: 1165074
Ion Ratio Lower Upper
180 100
182 95.5 76.0 114.0
145 31.7 25.0 37.4



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

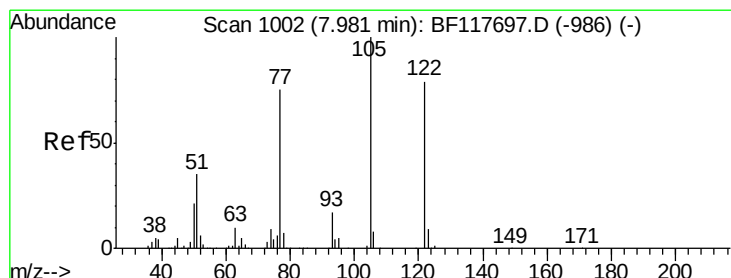
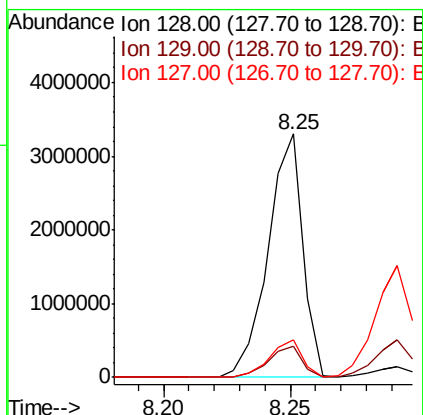
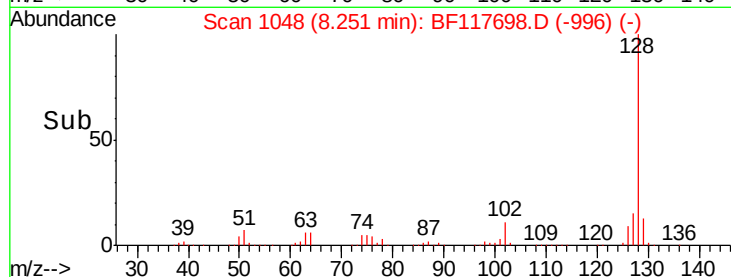
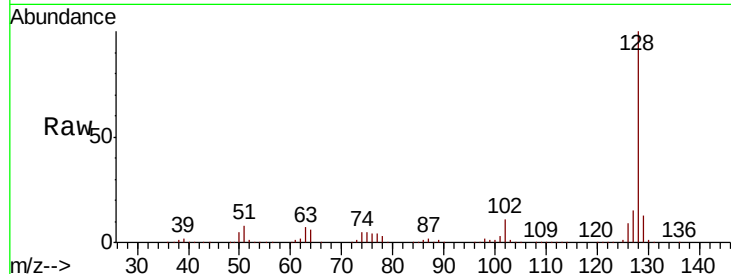




#31
Naphthalene
Concen: 51.336 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

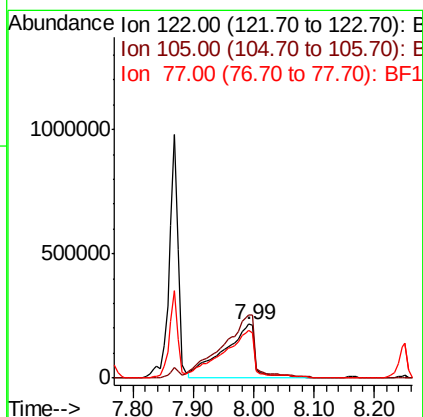
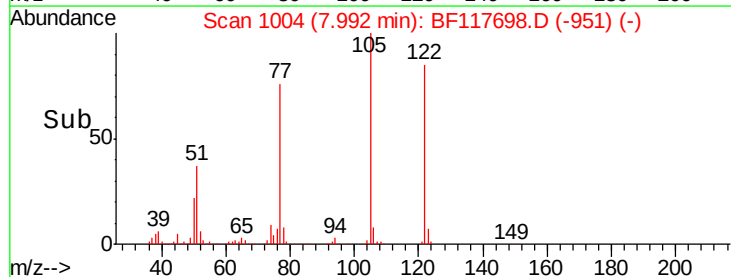
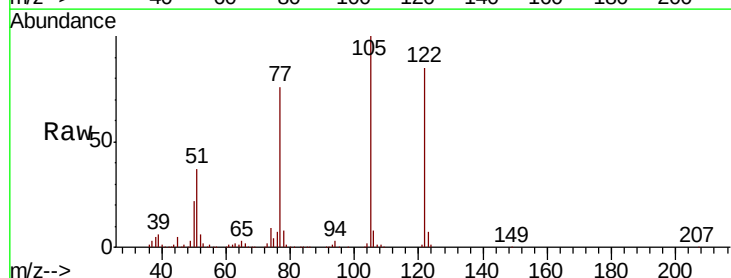
Instrument :
BNA_F
ClientSampleId :

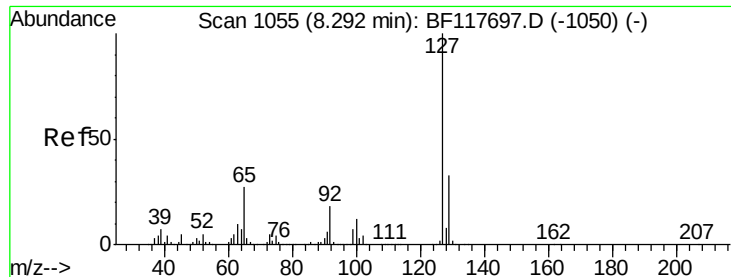
Tot Ion:128 Resp: 3190618
Ion Ratio Lower Upper
128 100
129 12.7 10.1 15.1
127 15.3 11.8 17.6



#32
Benzoic acid
Concen: 56.558 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:122 Resp: 801537
Ion Ratio Lower Upper
122 100
105 118.1 102.8 142.8
77 89.4 73.2 113.2

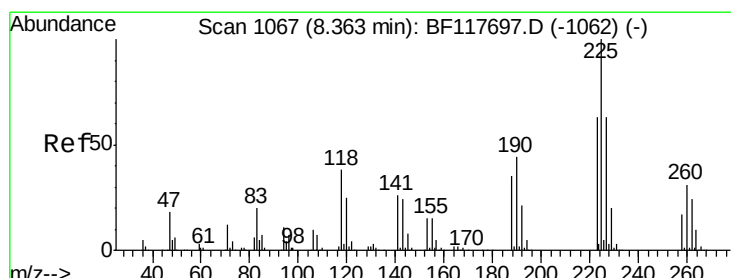
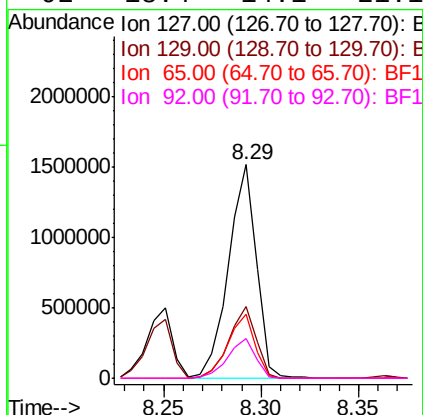
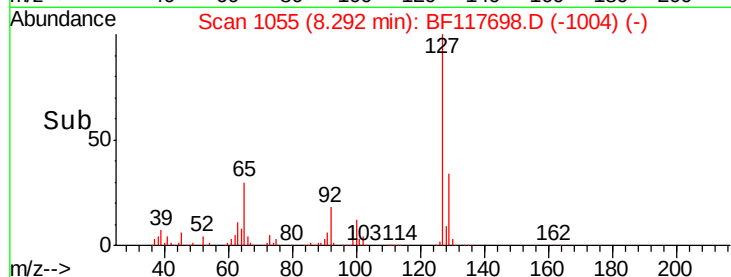
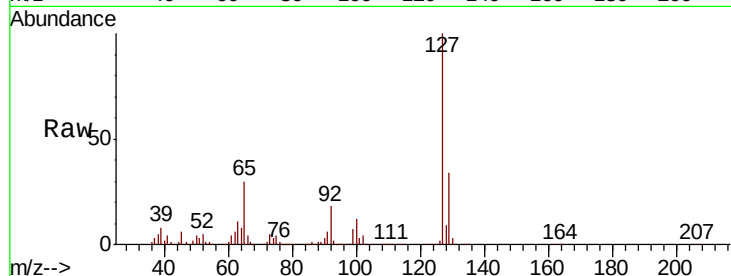




#33
4-Chloroaniline
Concen: 51.058 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

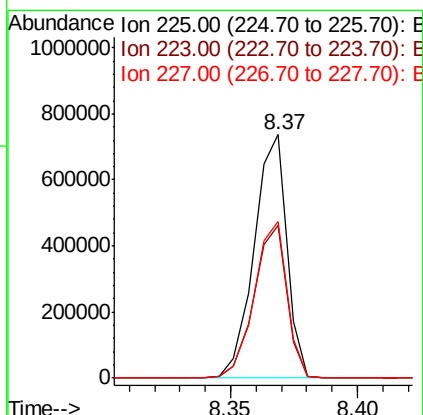
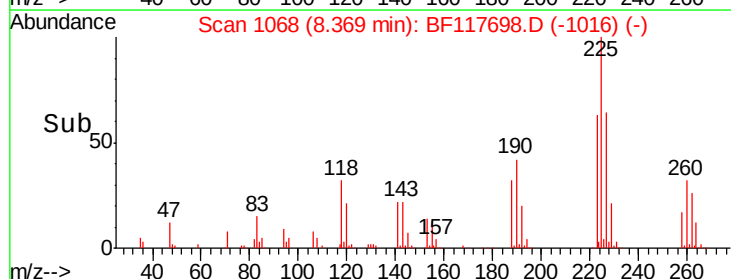
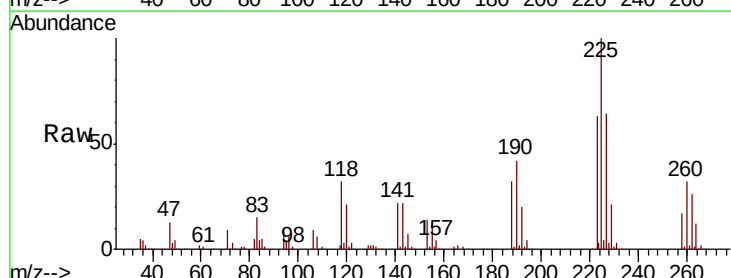
Instrument :
BNA_F
ClientSampleId :

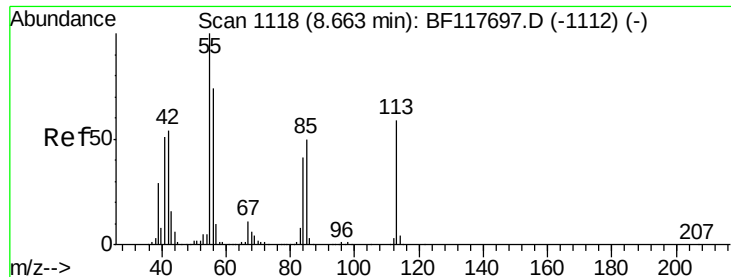
Tot Ion:	127	Resp:	1497668
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	30.0	21.7	32.5
92	18.4	14.1	21.1



#34
Hexachlorobutadiene
Concen: 53.050 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:	225	Resp:	666368
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	64.5	50.2	75.4

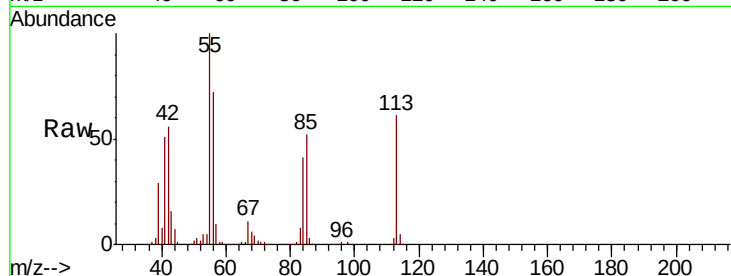




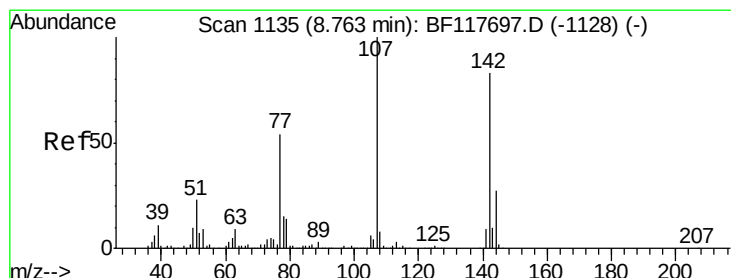
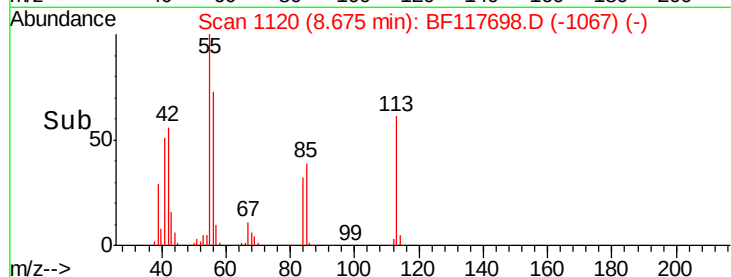
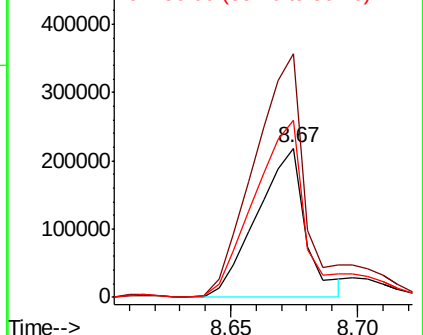
#35
 Caprolactam
 Concen: 45.466 ng
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 294303
 Ion Ratio Lower Upper
 113 100
 55 163.5 150.5 190.5
 56 118.5 106.2 146.2

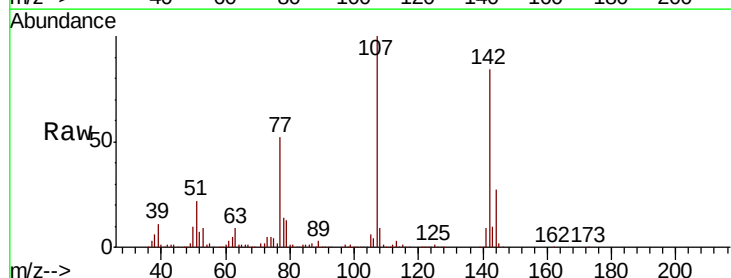


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

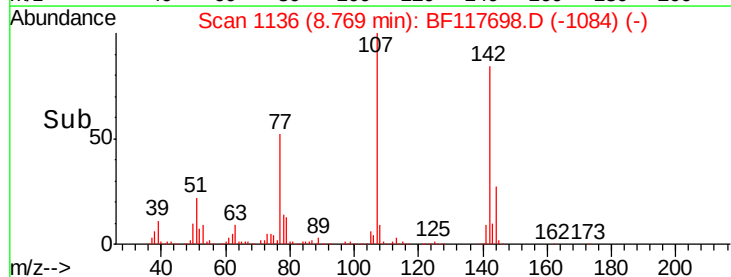
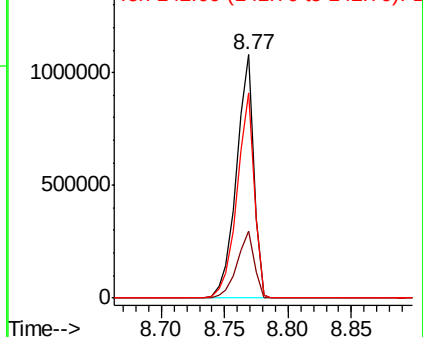


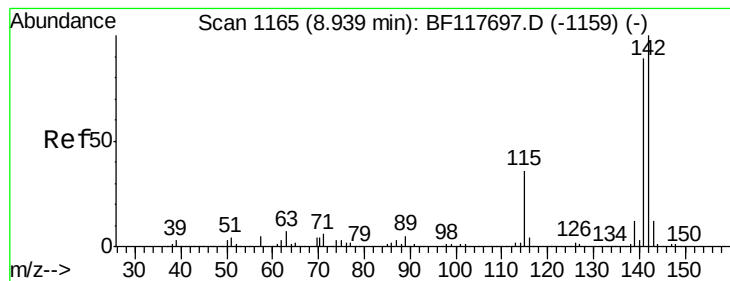
#36
 4-Chloro-3-methylphenol
 Concen: 51.866 ng
 RT: 8.77 min Scan# 1136
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:107 Resp: 1010696
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.5 32.3
 142 84.2 66.7 100.1



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: 51.445 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

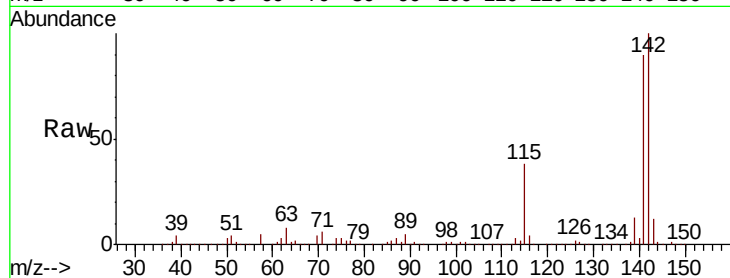
Tot Ion:142 Resp: 2170491

Ion Ratio Lower Upper

142 100

141 89.6 71.5 107.3

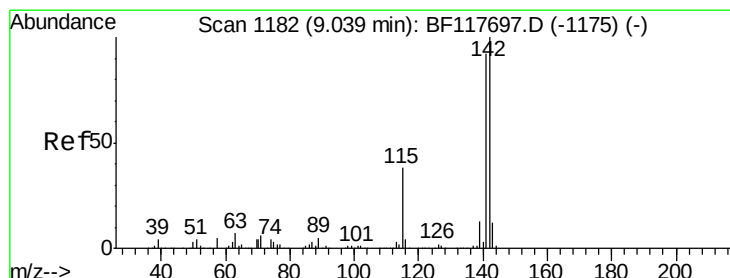
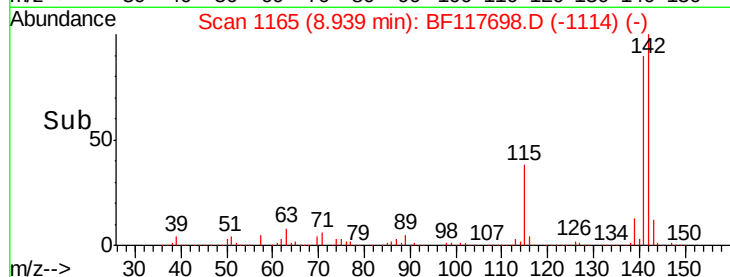
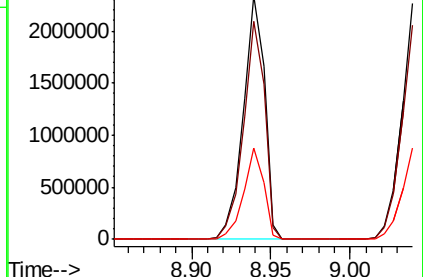
115 37.6 28.9 43.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 51.572 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

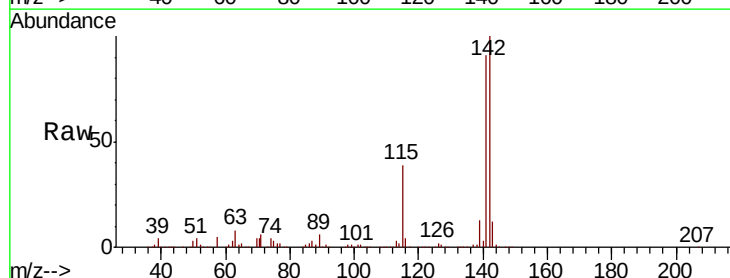
Tgt Ion:142 Resp: 2061253

Ion Ratio Lower Upper

142 100

141 91.0 73.3 109.9

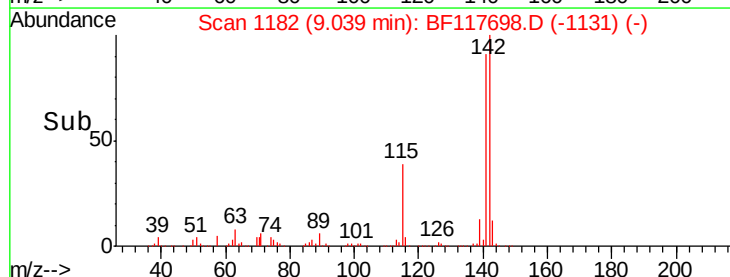
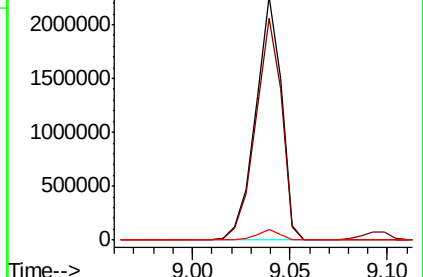
116 4.2 3.2 4.8

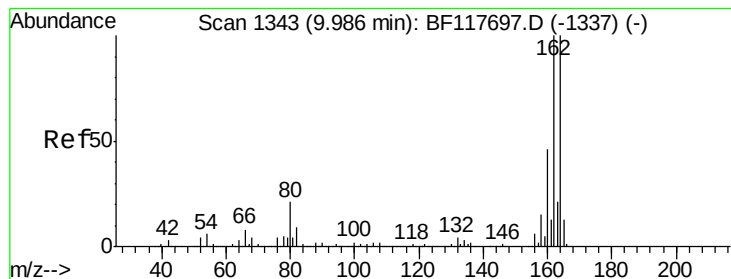


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

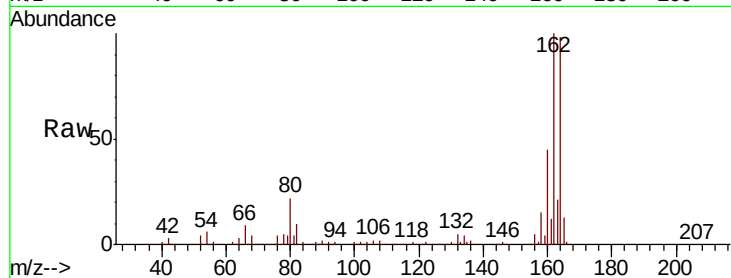
Tot Ion:164 Resp: 753160

Ion Ratio Lower Upper

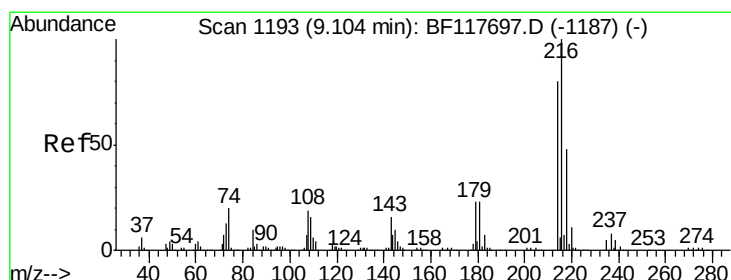
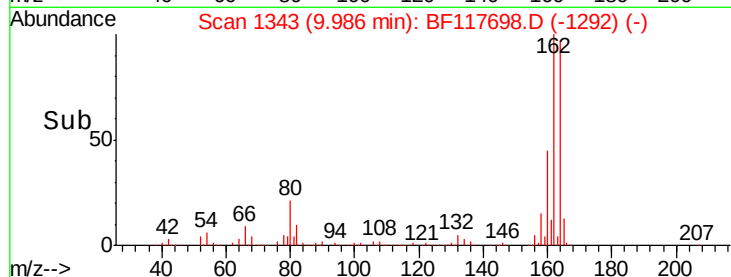
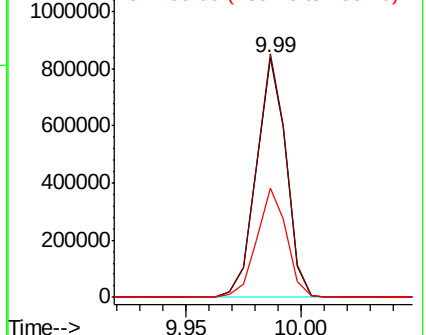
164 100

162 101.6 79.7 119.5

160 45.6 36.5 54.7



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: 51.201 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion:216 Resp: 1021778

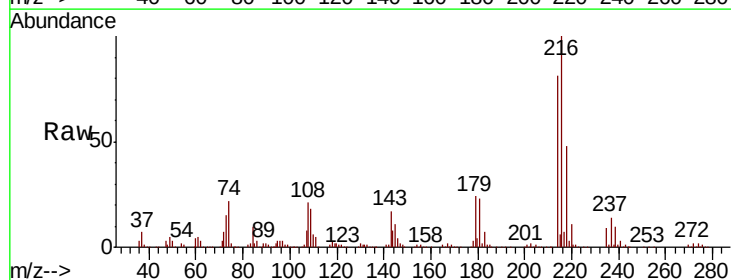
Ion Ratio Lower Upper

216 100

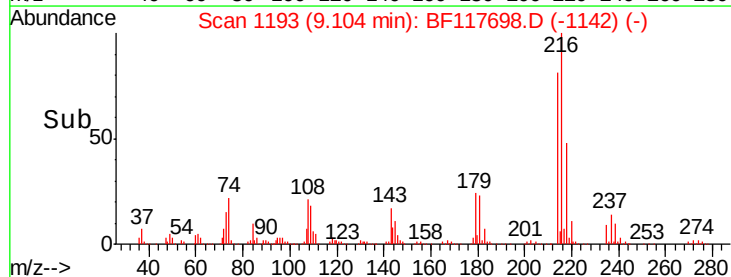
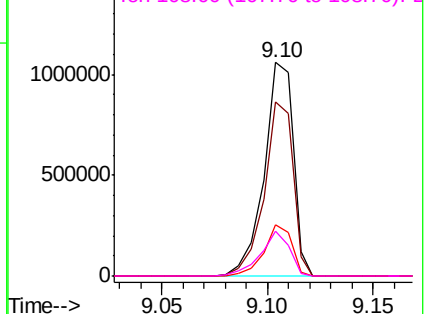
214 80.3 63.6 95.4

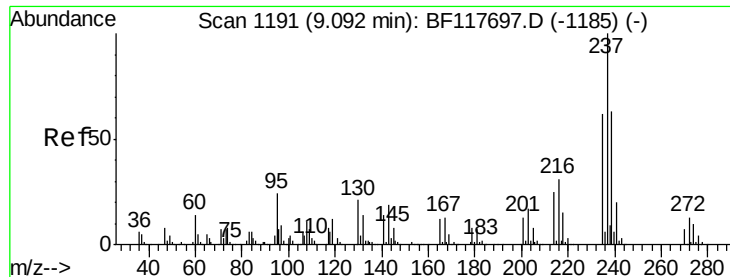
179 22.9 18.1 27.1

108 20.8 16.4 24.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.592 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

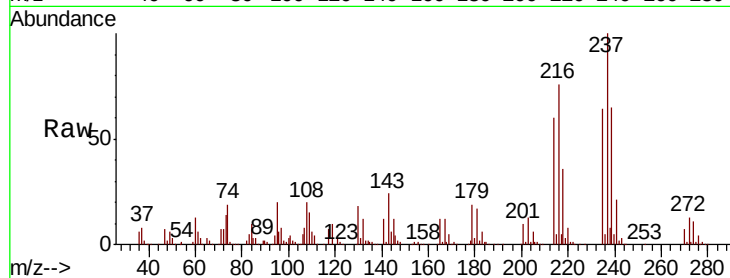
Tot Ion:237 Resp: 568432

Ion Ratio Lower Upper

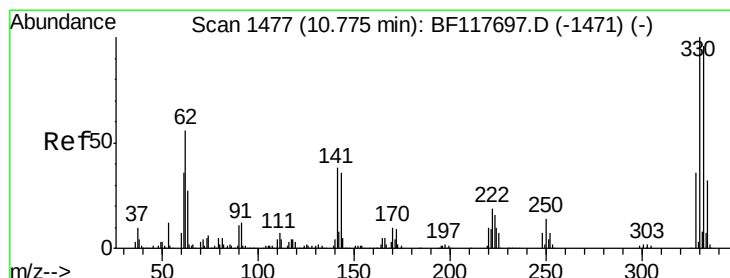
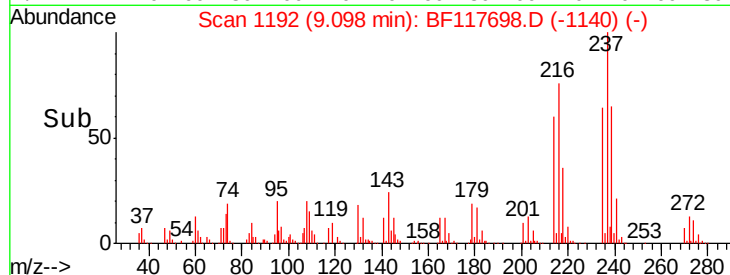
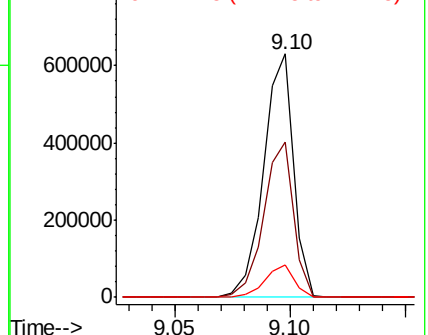
237 100

235 63.6 42.2 82.2

272 13.1 0.0 32.8



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



#42

2,4,6-Tribromophenol

Concen: 98.495 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

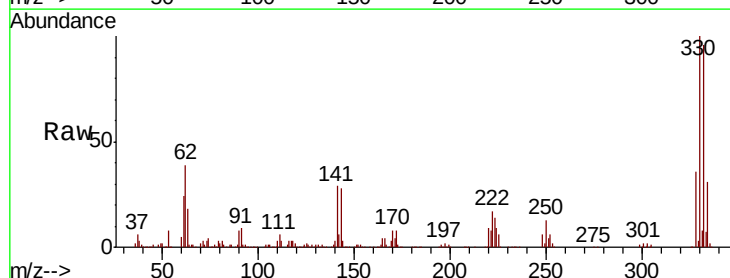
Tgt Ion:330 Resp: 722962

Ion Ratio Lower Upper

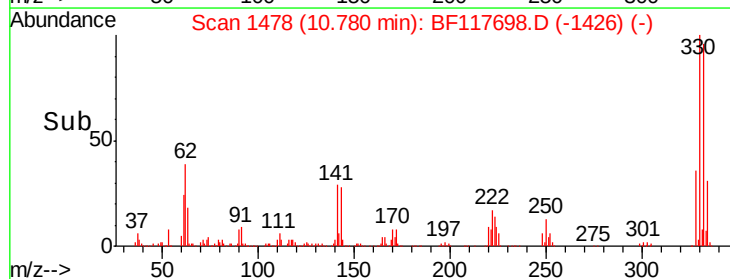
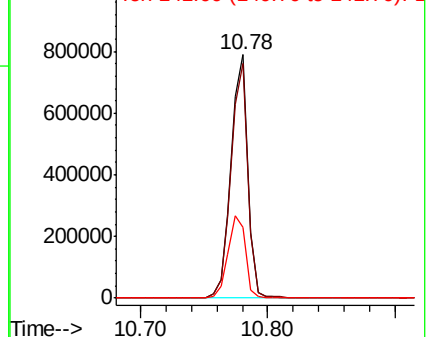
330 100

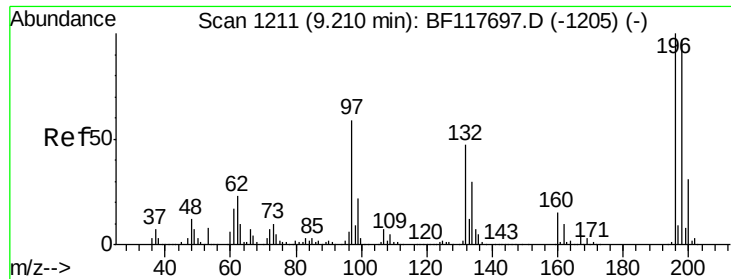
332 97.0 77.4 116.0

141 35.5 28.0 42.0



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

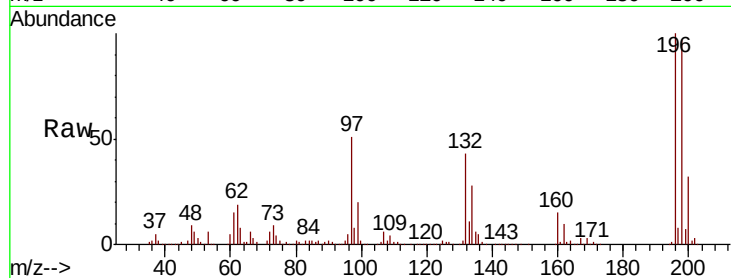




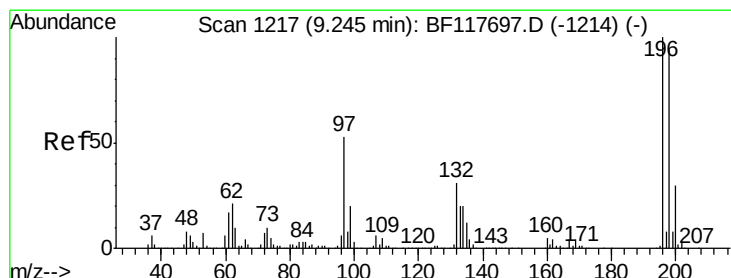
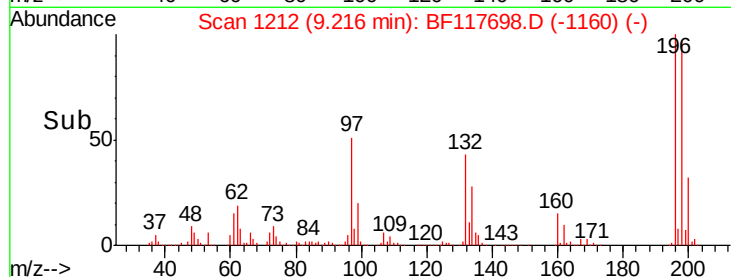
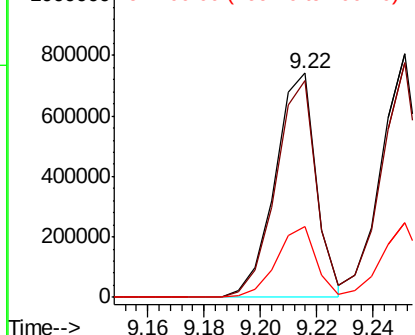
#43
 2,4,6-Trichlorophenol
 Concen: 54.312 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 747923
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.8 116.6
 200 31.8 25.0 37.6

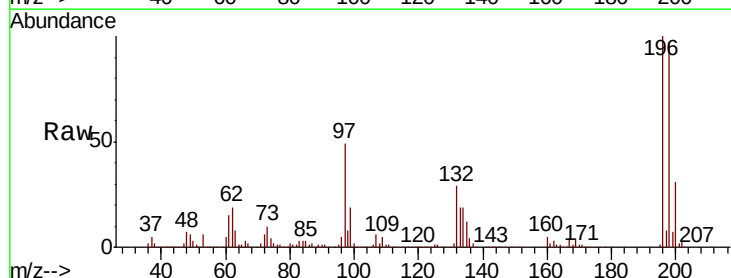


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

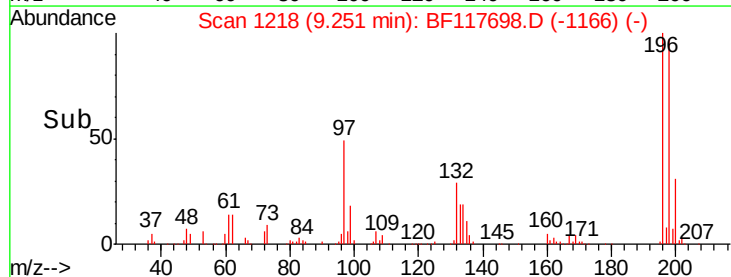
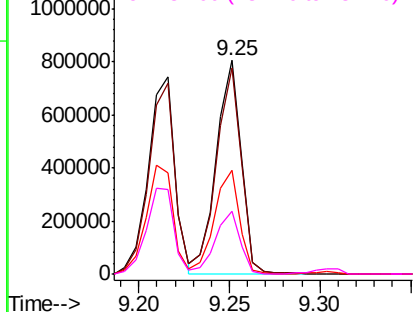


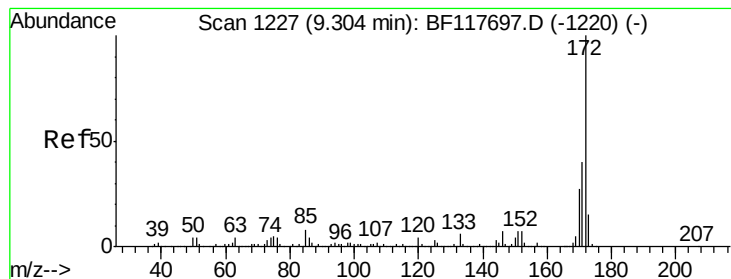
#44
 2,4,5-Trichlorophenol
 Concen: 55.450 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:196 Resp: 768154
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.4 113.0
 97 48.8 42.5 63.7
 132 29.2 24.7 37.1



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: 99.784 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

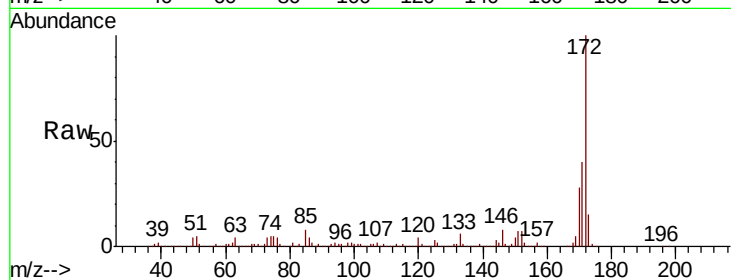
Tot Ion:172 Resp: 3918634

Ion Ratio Lower Upper

172 100

171 39.9 31.8 47.8

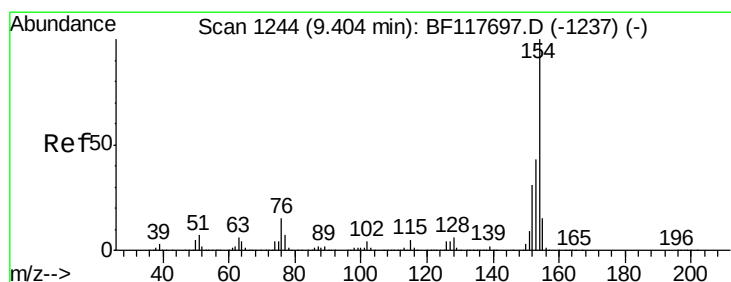
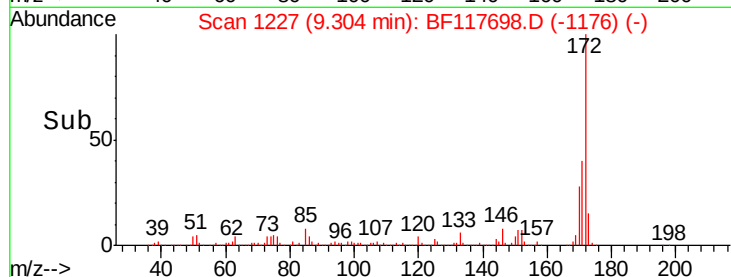
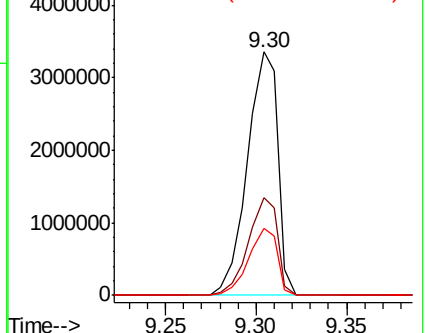
170 27.6 21.6 32.4



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: 49.060 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

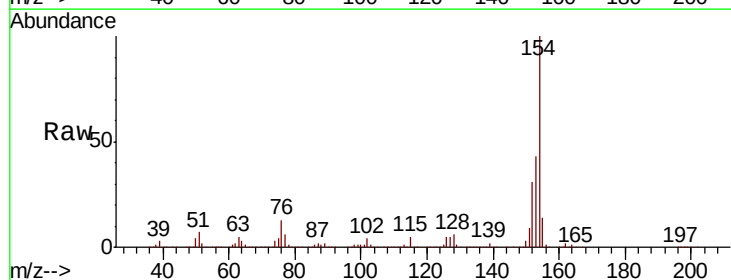
Tgt Ion:154 Resp: 2560898

Ion Ratio Lower Upper

154 100

153 43.5 23.2 63.2

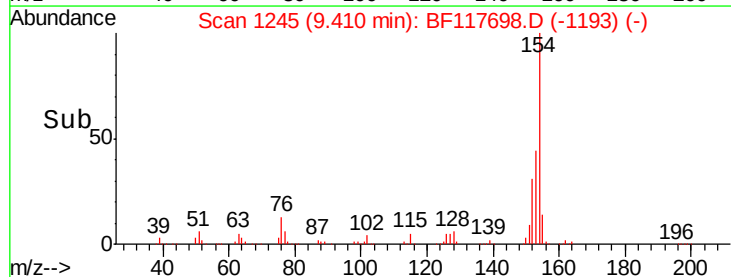
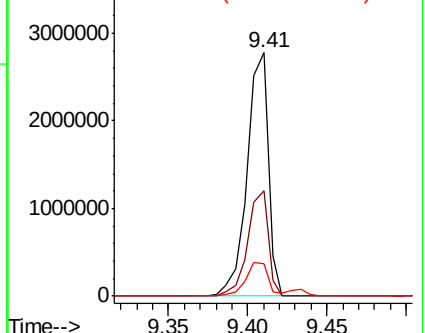
76 13.2 0.0 34.7

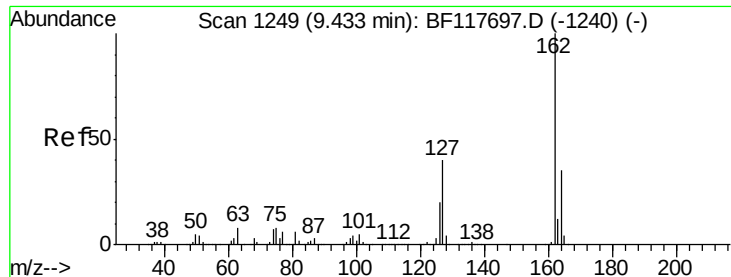


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

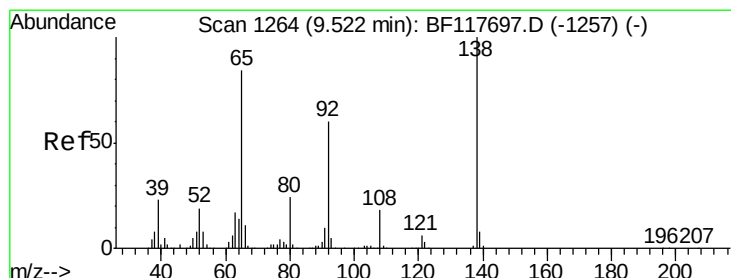
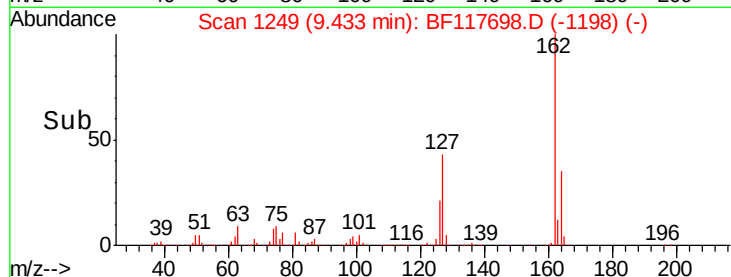
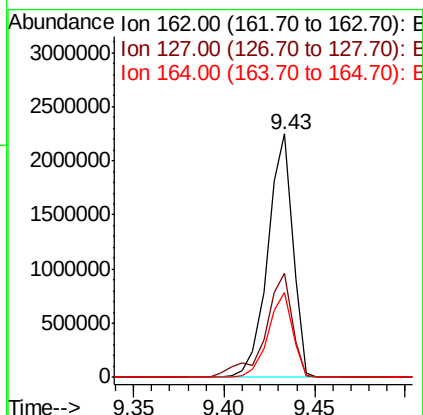
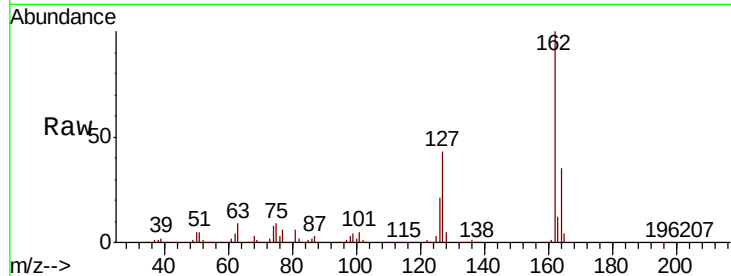




#47
 2-Chloronaphthalene
 Concen: 51.694 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

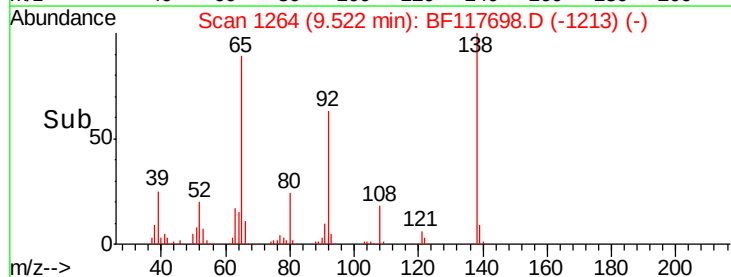
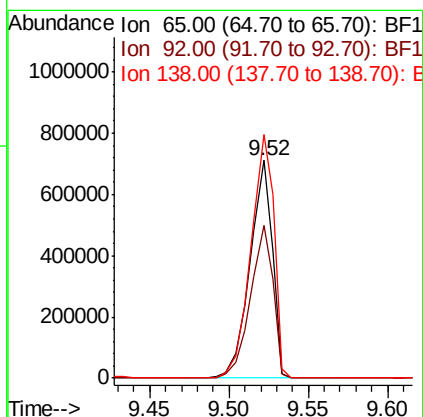
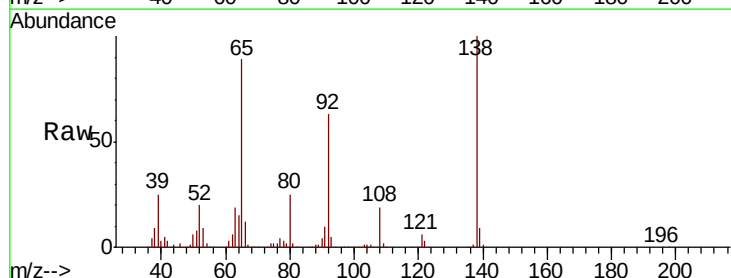
Instrument :
 BNA_F
 ClientSampled :

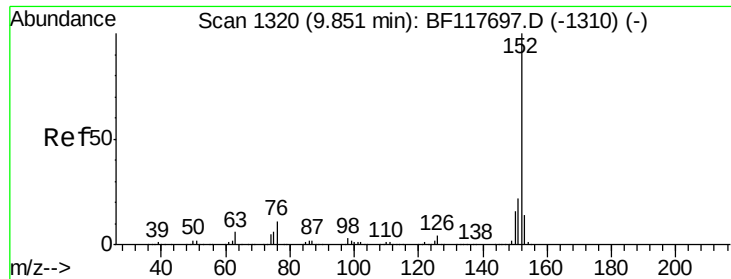
Tot Ion:162 Resp: 2154650
 Ion Ratio Lower Upper
 162 100
 127 42.6 32.2 48.4
 164 34.8 28.1 42.1



#48
 2-Nitroaniline
 Concen: 55.378 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion: 65 Resp: 693920
 Ion Ratio Lower Upper
 65 100
 92 70.0 57.3 85.9
 138 111.9 95.0 142.6





#49

Acenaphthylene

Concen: 51.112 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

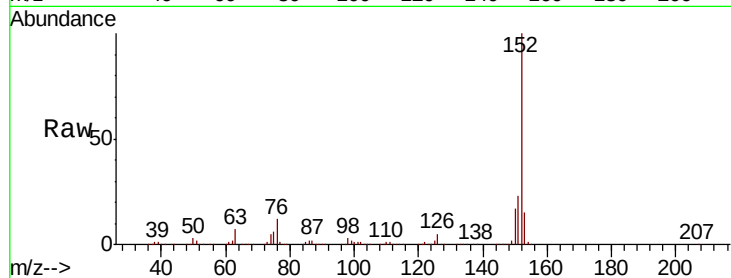
Tot Ion:152 Resp: 3136578

Ion Ratio Lower Upper

152 100

151 23.0 17.8 26.6

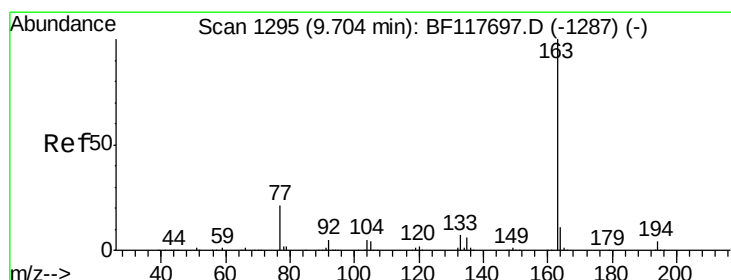
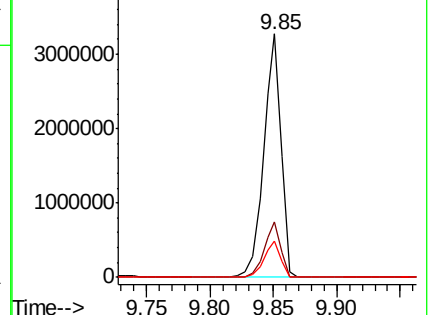
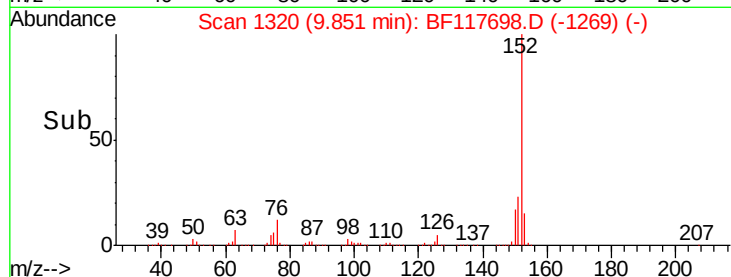
153 15.1 11.5 17.3



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: 51.792 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

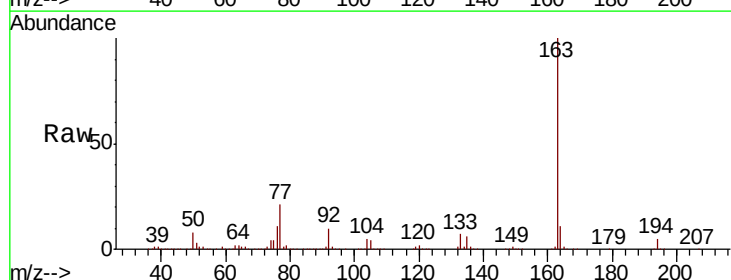
Tgt Ion:163 Resp: 2478197

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

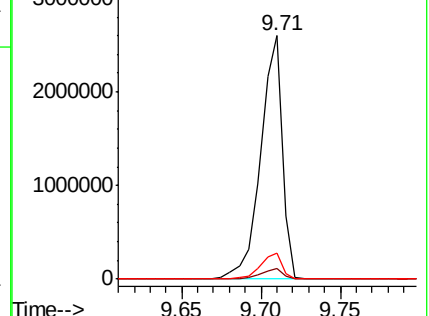
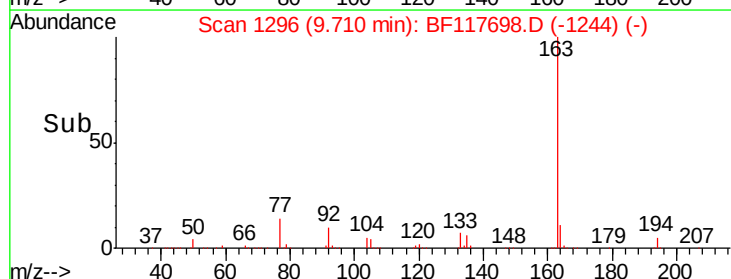
164 10.8 8.9 13.3

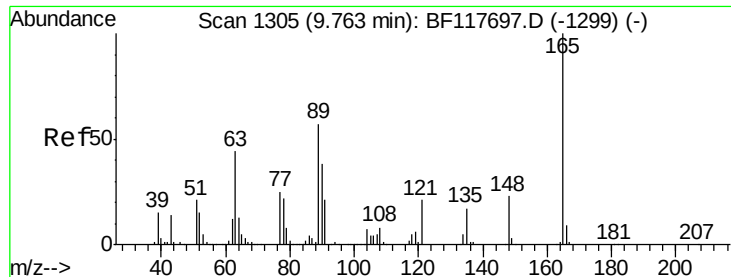


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

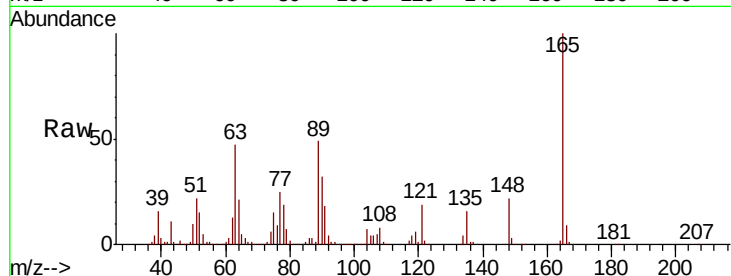




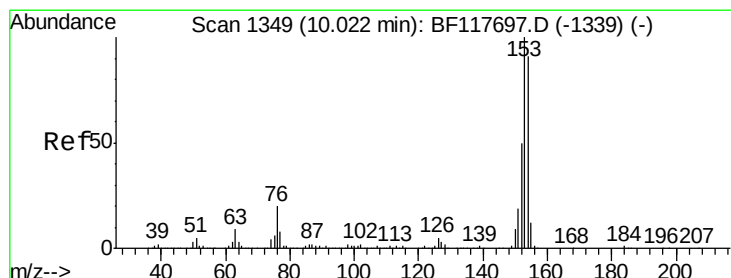
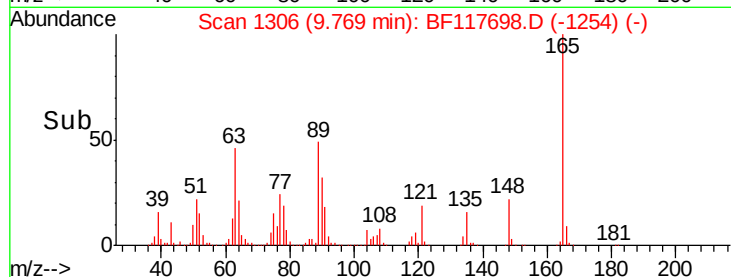
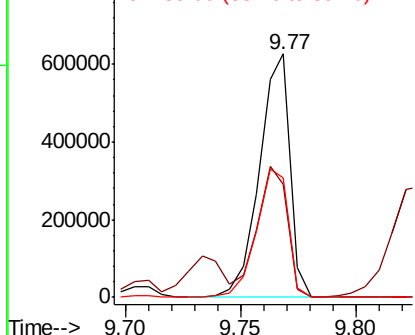
#51
2,6-Dinitrotoluene
Concen: 55.515 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 577687
Ion Ratio Lower Upper
165 100
63 46.5 45.6 68.4
89 49.2 45.8 68.6

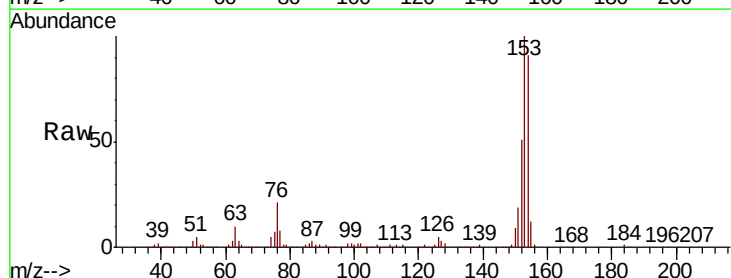


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

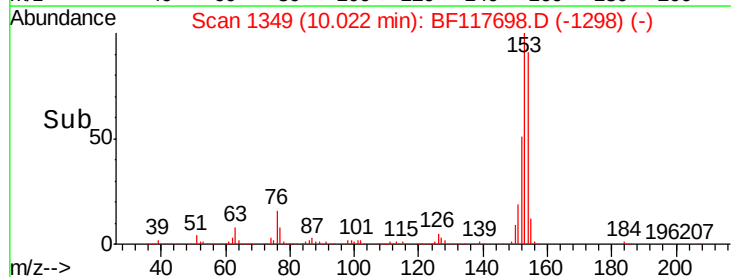
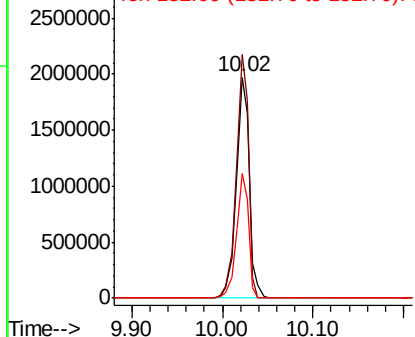


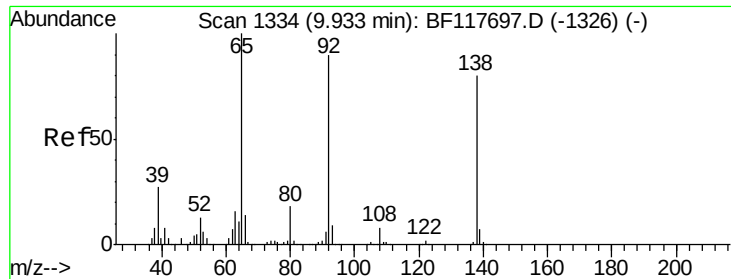
#52
Acenaphthene
Concen: 51.972 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:154 Resp: 2012367
Ion Ratio Lower Upper
154 100
153 110.1 87.8 131.6
152 56.3 43.5 65.3



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

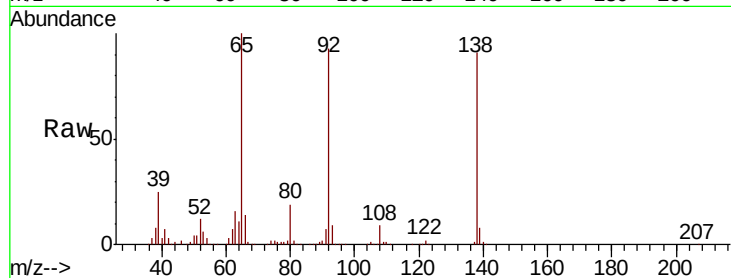




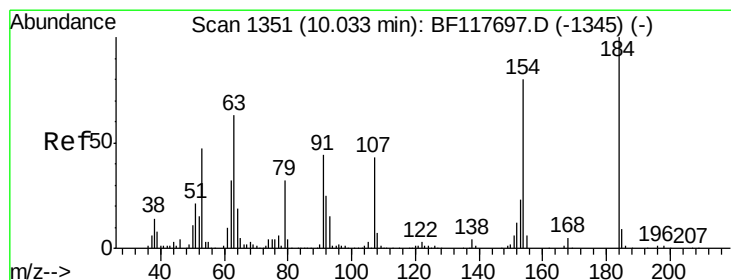
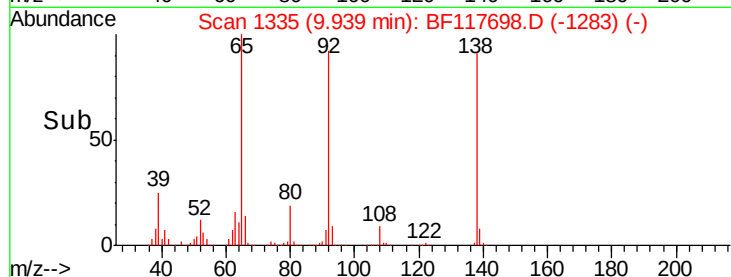
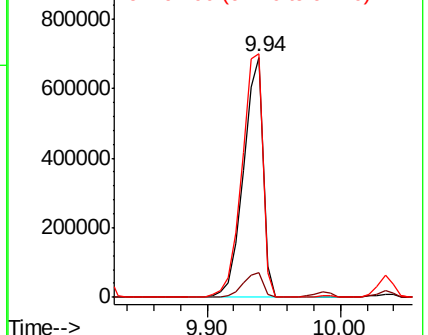
#53
3-Nitroaniline
Concen: 55.002 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 696644
Ion Ratio Lower Upper
138 100
108 10.1 8.5 12.7
92 101.5 89.8 134.8

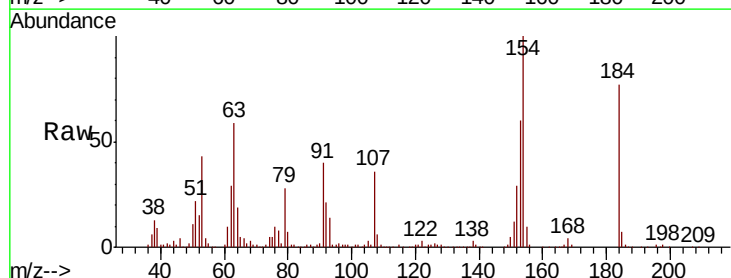


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

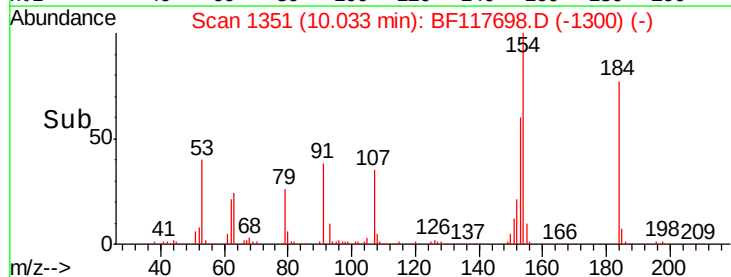
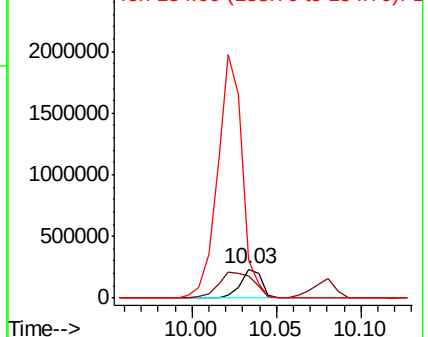


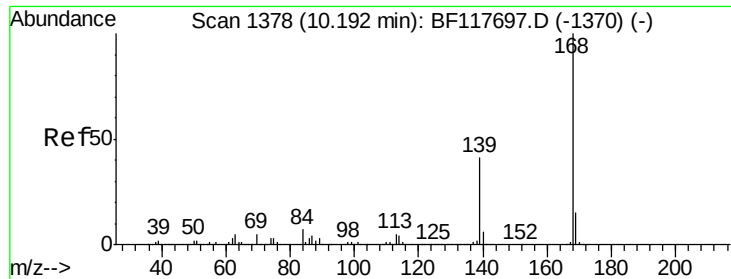
#54
2,4-Dinitrophenol
Concen: 60.853 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:184 Resp: 205012
Ion Ratio Lower Upper
184 100
63 77.3 51.4 77.0#
154 130.4 70.2 105.2#



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

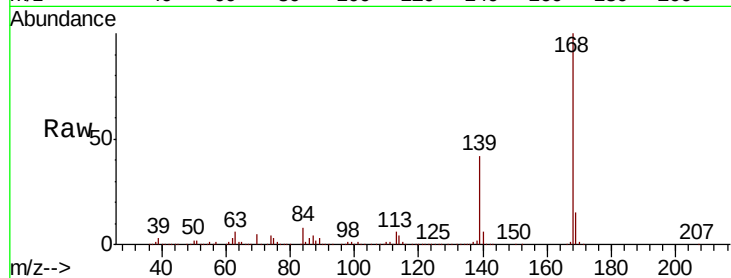




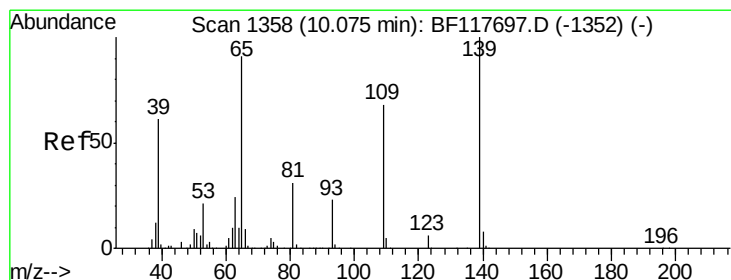
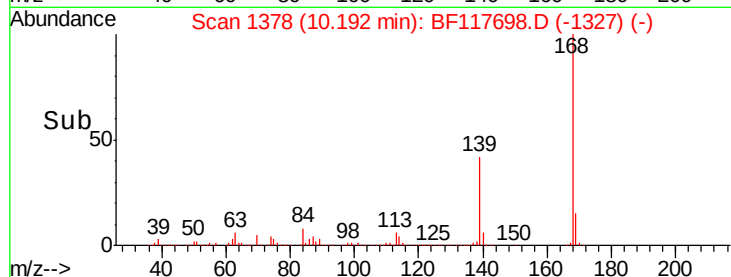
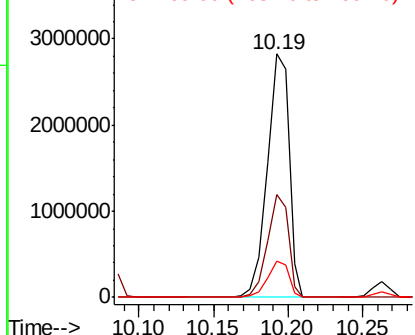
#55
Dibenzofuran
Concen: 51.949 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 2831203
Ion Ratio Lower Upper
168 100
139 42.2 33.2 49.8
169 14.9 11.7 17.5

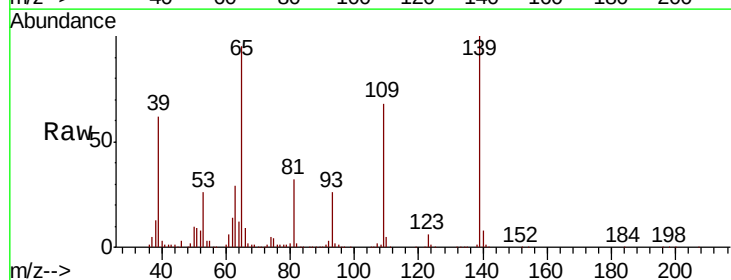


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

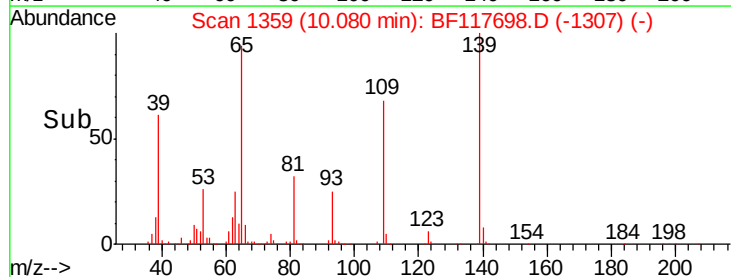
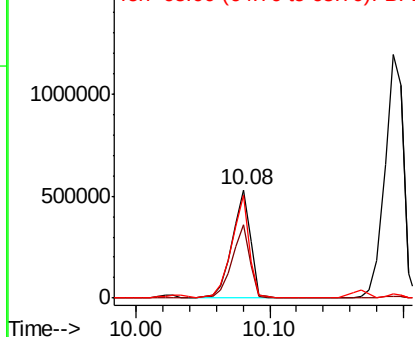


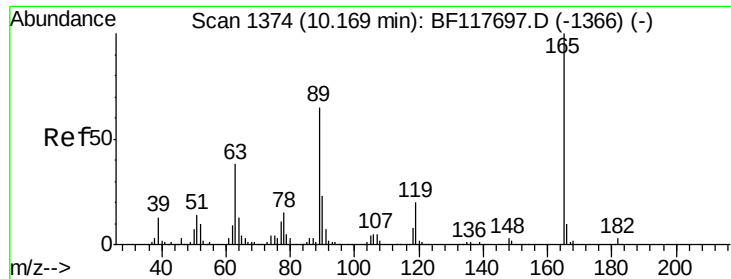
#56
4-Nitrophenol
Concen: 55.177 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:139 Resp: 517876
Ion Ratio Lower Upper
139 100
109 68.4 47.7 87.7
65 94.8 71.9 111.9



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: 57.272 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 748407

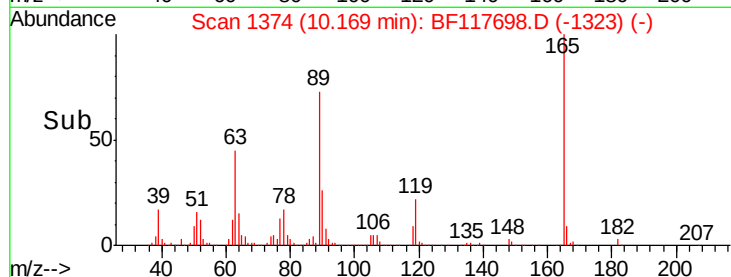
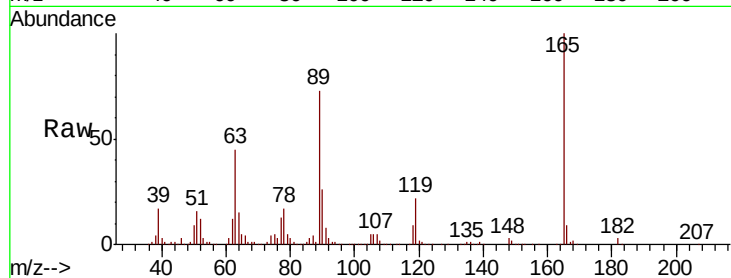
Ion Ratio Lower Upper

165 100

63 44.7 30.4 45.6

89 72.8 52.2 78.4

182 2.8 2.3 3.5

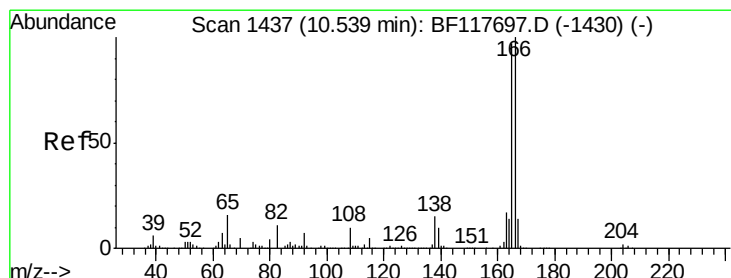
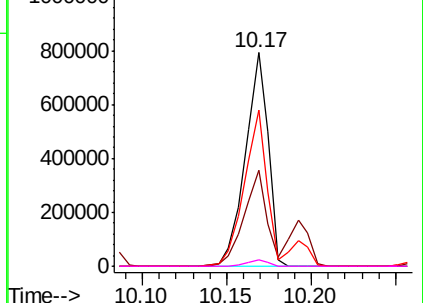


Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.175 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

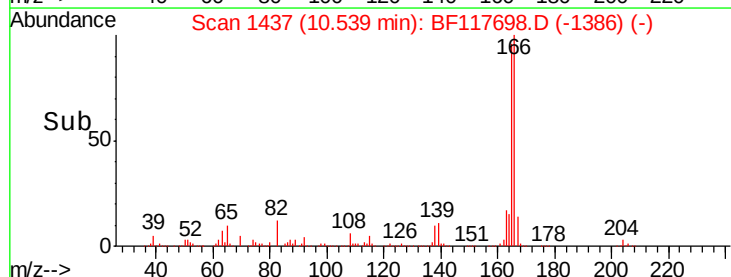
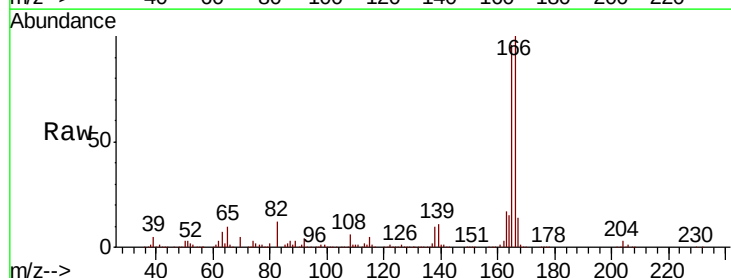
Tgt Ion:166 Resp: 2067658

Ion Ratio Lower Upper

166 100

165 96.5 77.4 116.0

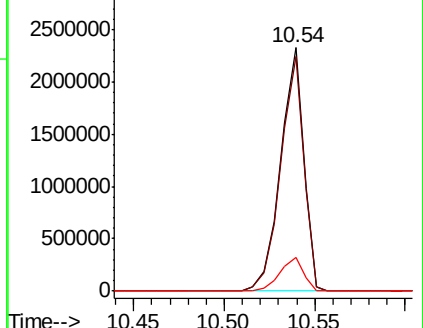
167 13.7 11.0 16.4

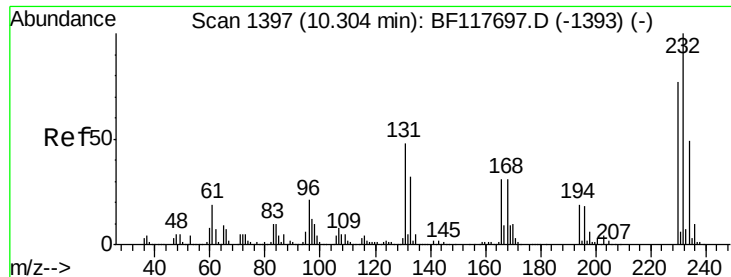


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

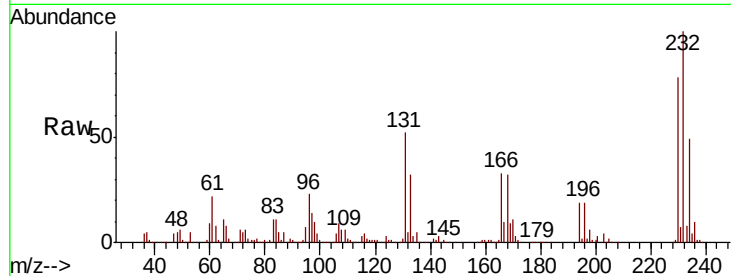




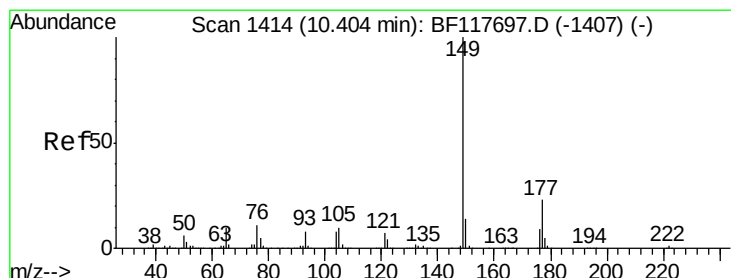
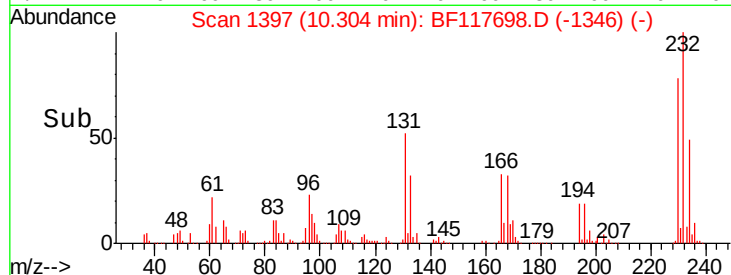
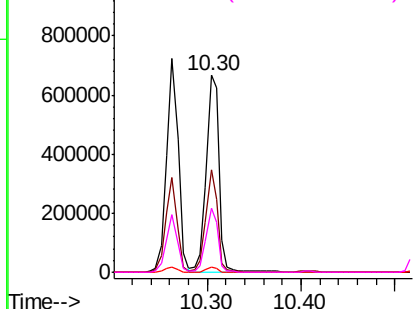
#59
2,3,4,6-Tetrachlorophenol
Concen: 57.431 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 640264
Ion Ratio Lower Upper
232 100
131 47.3 37.8 56.8
130 2.3 1.9 2.9
166 30.4 24.6 36.8

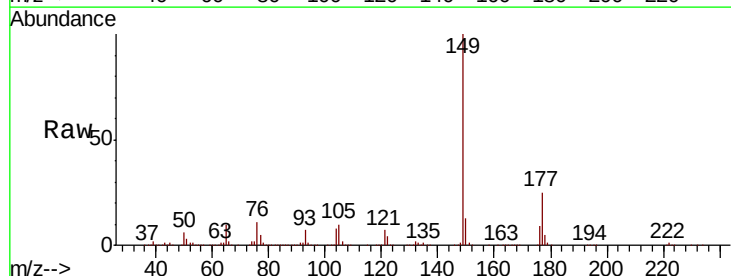


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

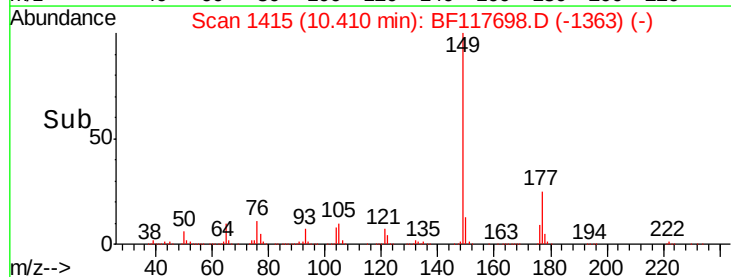
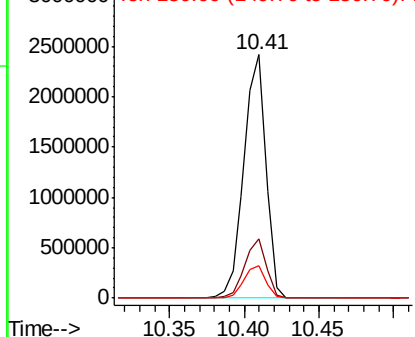


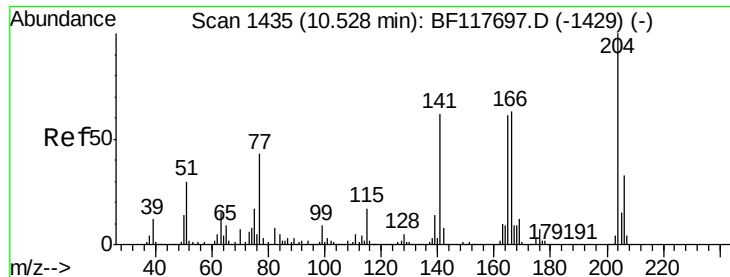
#60
Diethylphthalate
Concen: 52.786 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:149 Resp: 2478011
Ion Ratio Lower Upper
149 100
177 24.5 18.8 28.2
150 13.5 10.8 16.2



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

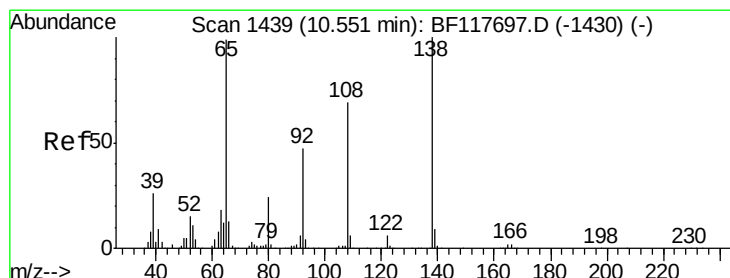
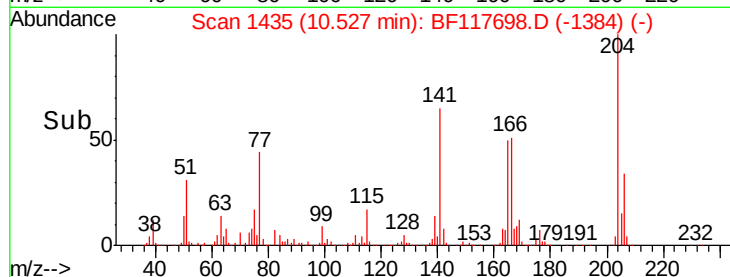
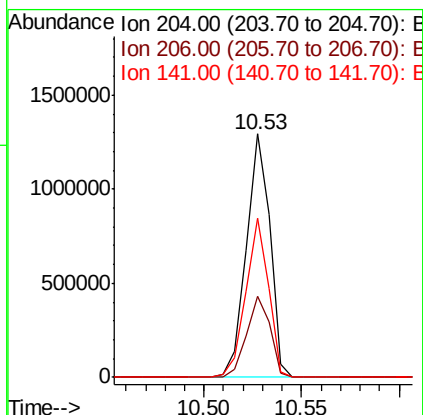
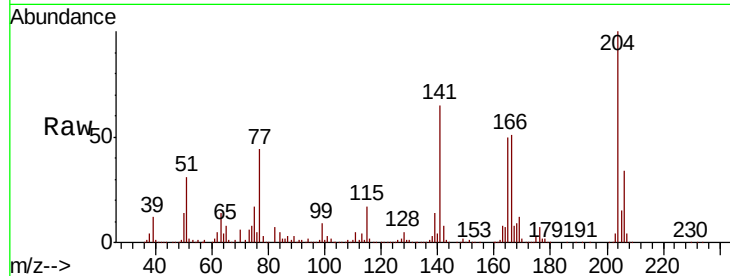




#61
4-Chlorophenyl-phenylether
Concen: 51.729 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

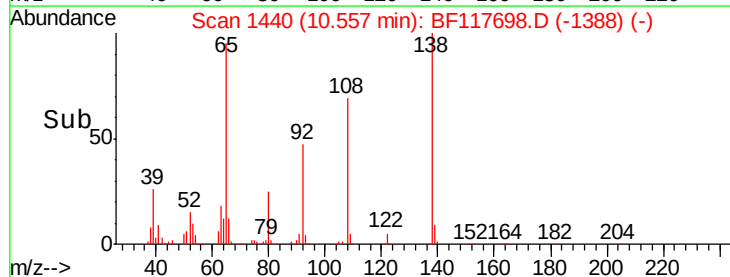
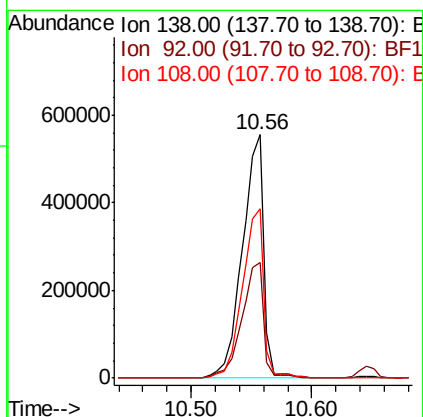
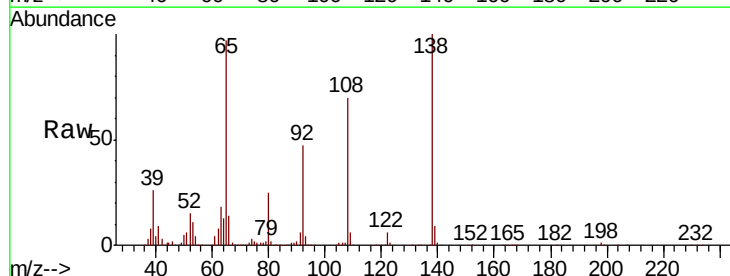
Instrument :
BNA_F
ClientSampleId :

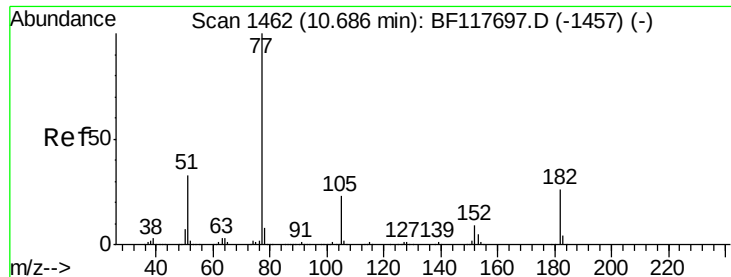
Tot Ion:204 Resp: 1080976
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 65.2 49.7 74.5



#62
4-Nitroaniline
Concen: 55.624 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:138 Resp: 686384
Ion Ratio Lower Upper
138 100
92 47.4 26.9 66.9
108 69.6 49.1 89.1





#63

Azobenzene

Concen: 51.676 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2329821

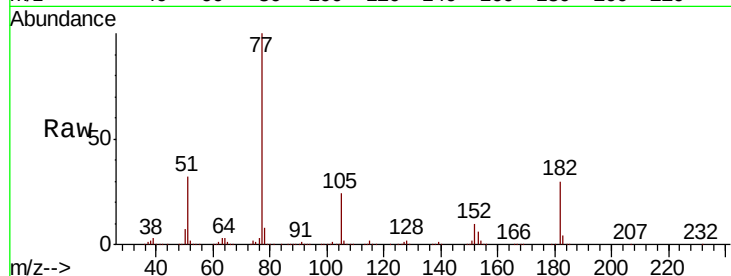
Ion Ratio Lower Upper

77 100

182 30.4 6.0 46.0

105 24.1 2.8 42.8

51 32.2 13.0 53.0

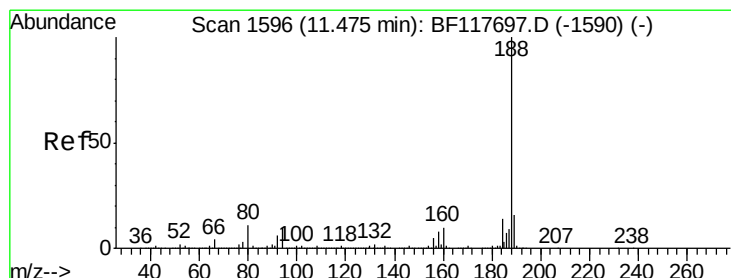
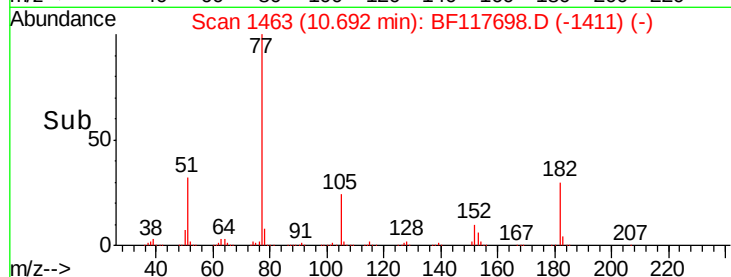
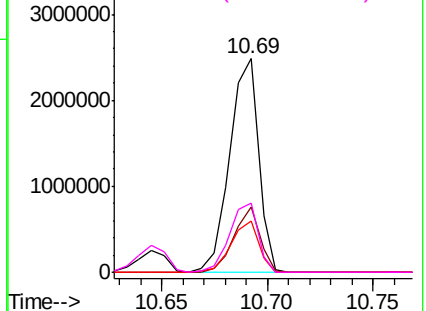


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

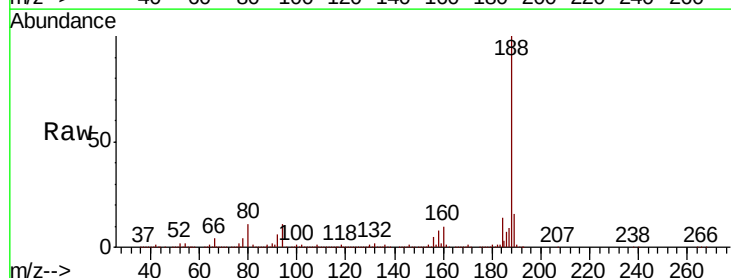
Tgt Ion: 188 Resp: 1347008

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

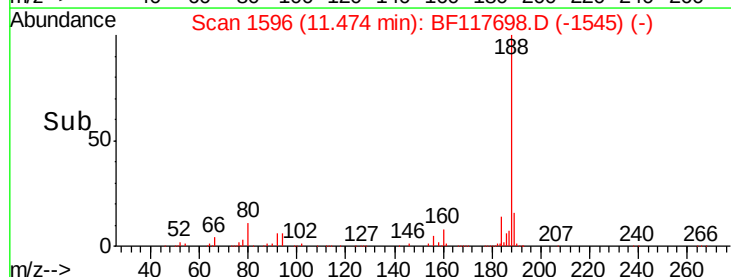
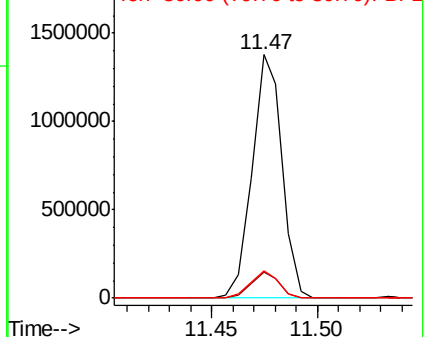
80 11.3 8.6 13.0

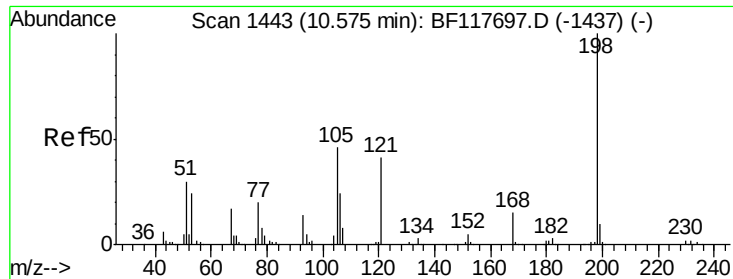


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

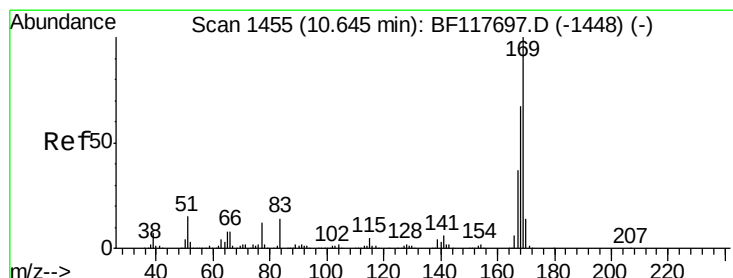
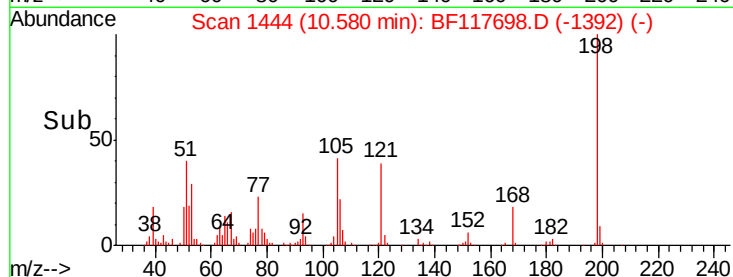
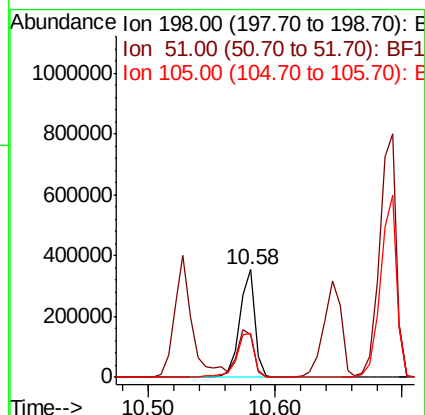
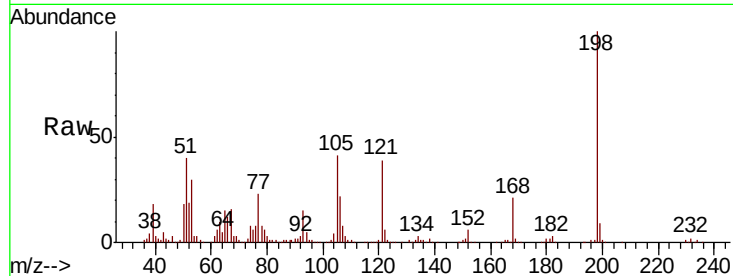




#65
4,6-Dinitro-2-methylphenol
Concen: 59.869 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

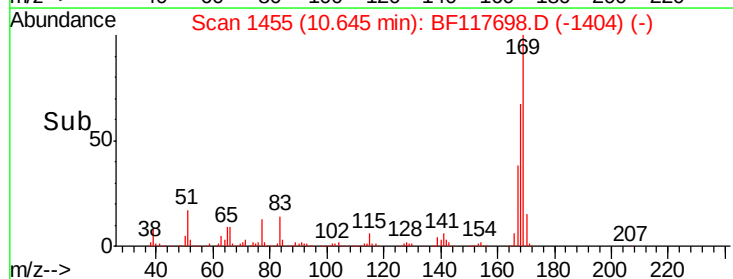
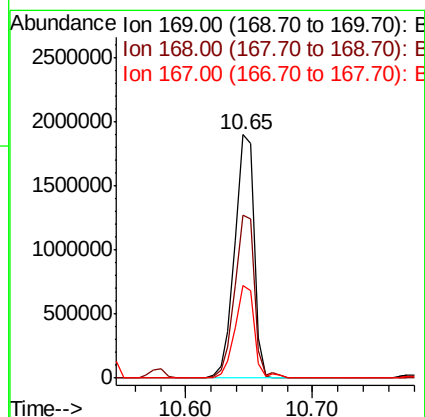
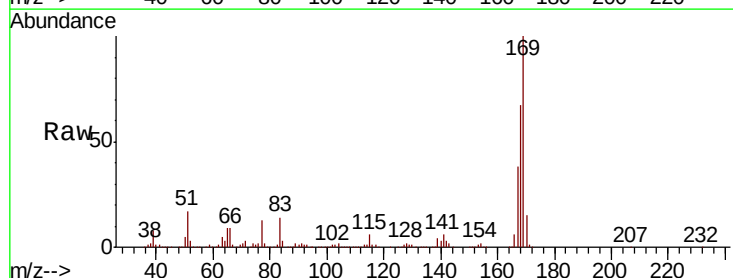
Instrument :
BNA_F
ClientSampleId :

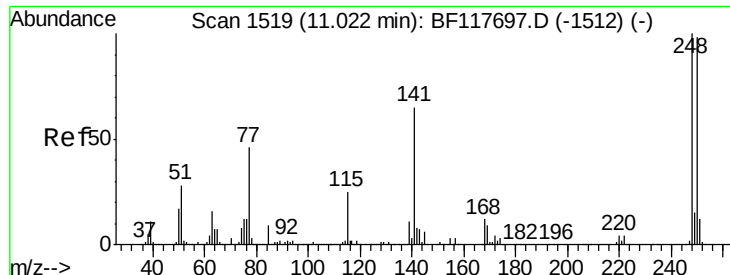
Tot Ion:198 Resp: 290403
Ion Ratio Lower Upper
198 100
51 39.9 28.1 68.1
105 40.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 50.770 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:169 Resp: 1983859
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 37.9 29.9 44.9

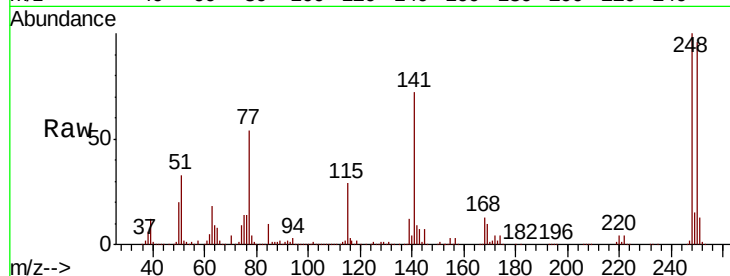




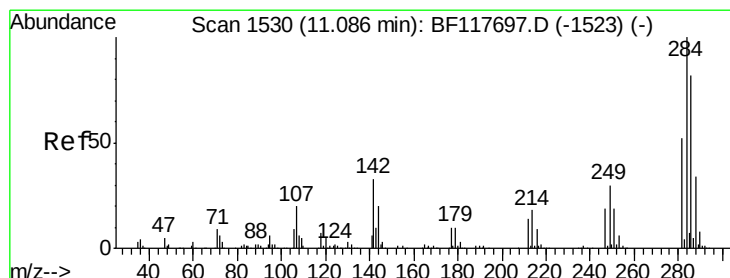
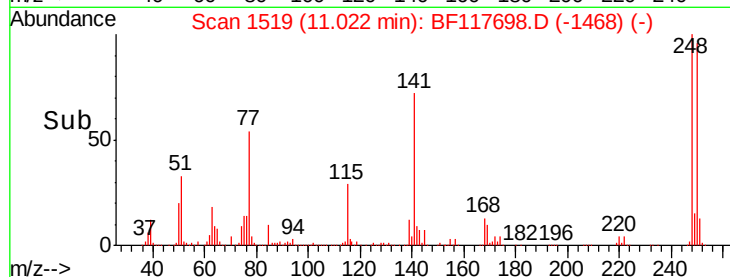
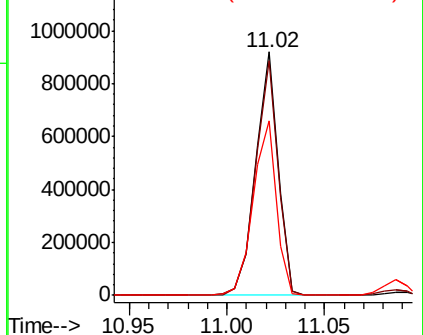
#67
4-Bromophenyl-phenylether
Concen: 51.441 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 733014
Ion Ratio Lower Upper
248 100
250 96.3 78.7 118.1
141 71.7 51.8 77.8

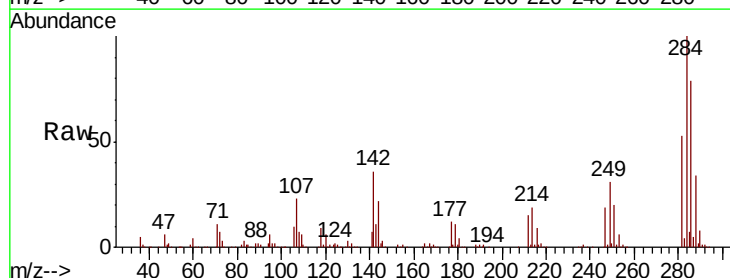


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

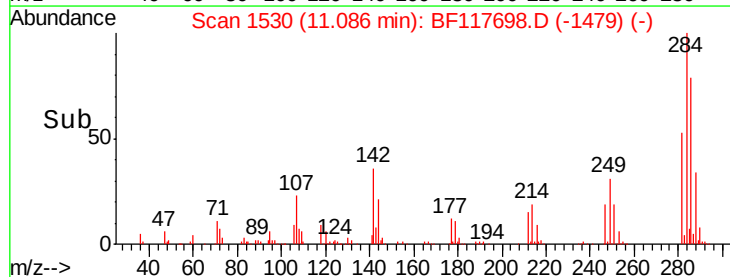
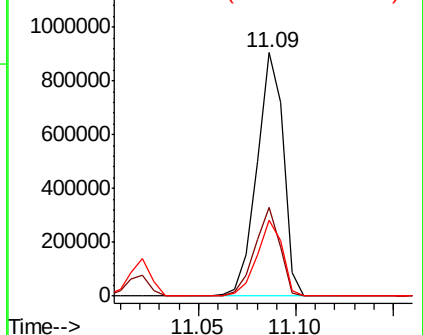


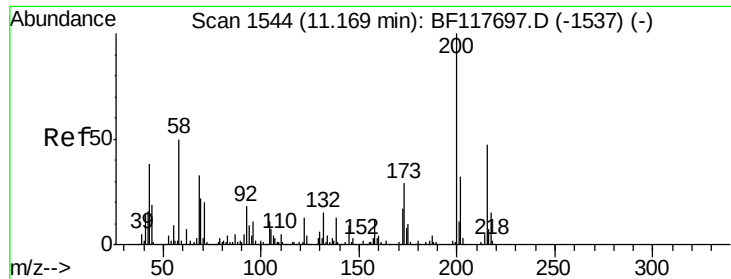
#68
Hexachlorobenzene
Concen: 51.254 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:284 Resp: 847086
Ion Ratio Lower Upper
284 100
142 36.5 26.6 39.8
249 31.3 24.4 36.6



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

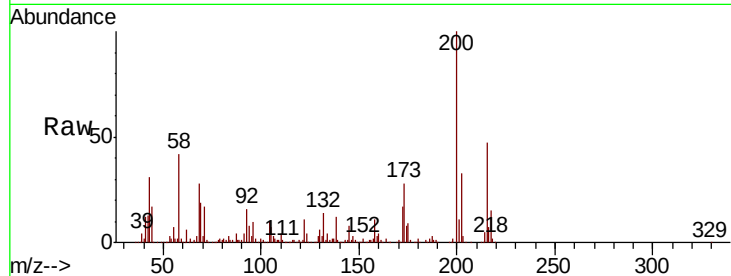




#69
Atrazine
Concen: 80.673 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	8.5	48.5
215	47.3	27.4	67.4

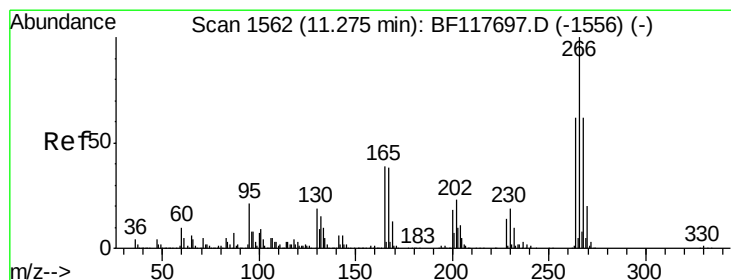
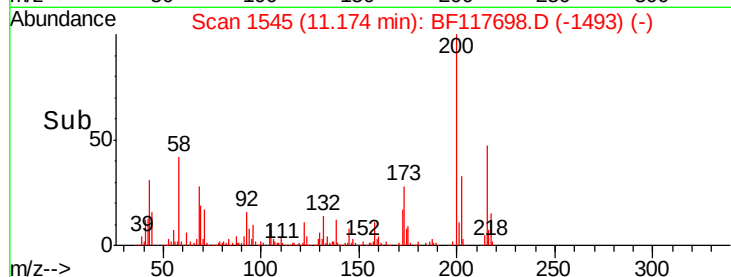
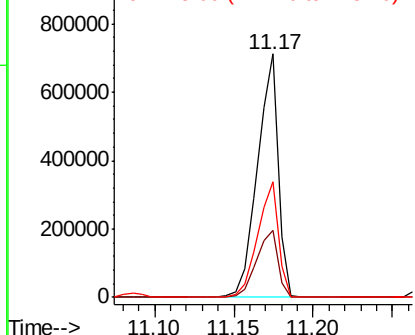


Abundance

Ion 200.00 (199.70 to 200.70): E

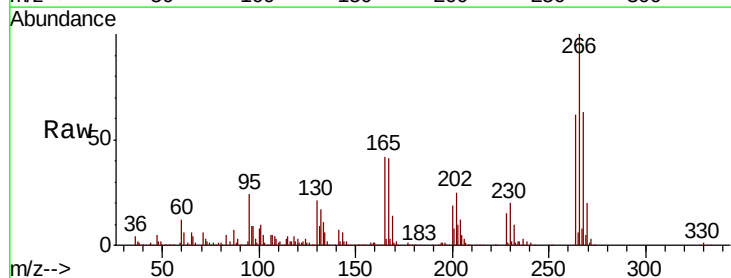
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 59.367 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	61.7	49.7	74.5

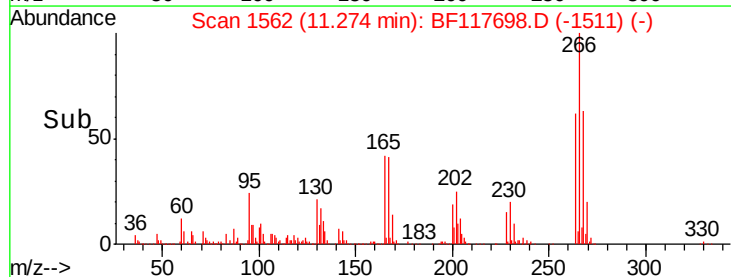
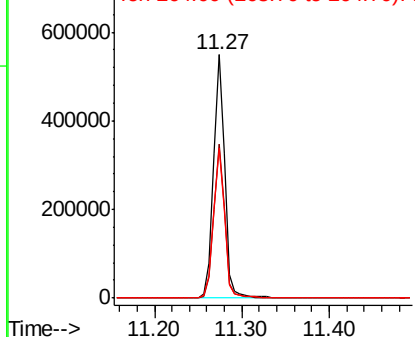


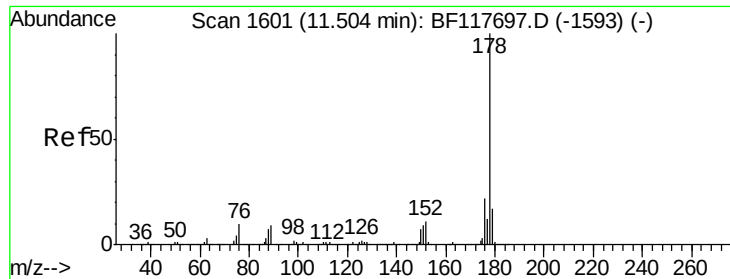
Abundance

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

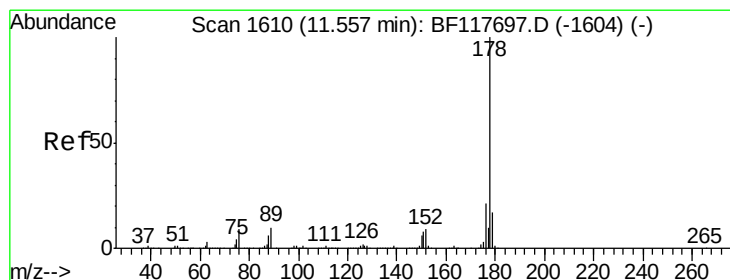
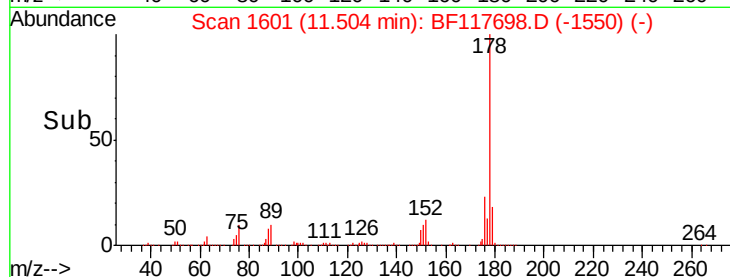
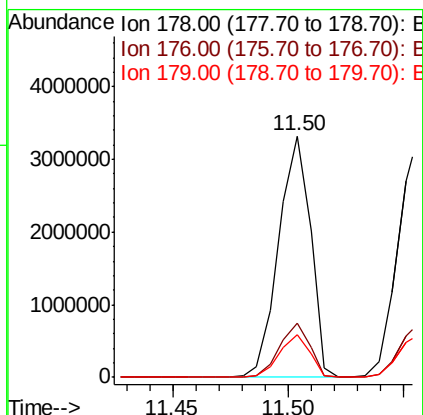
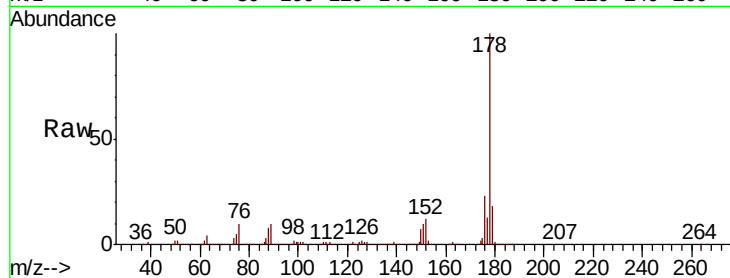




#71
Phenanthrene
Concen: 50.177 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

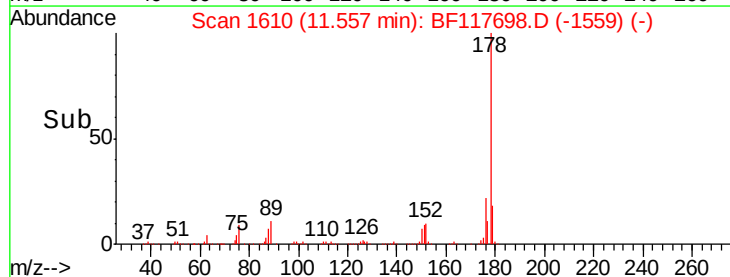
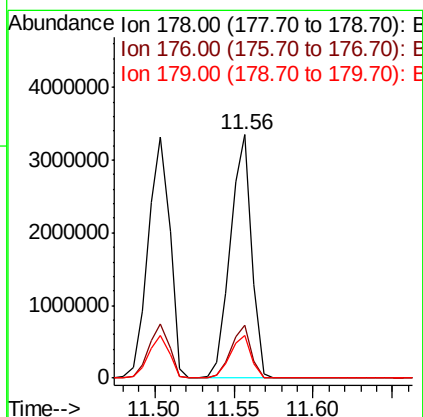
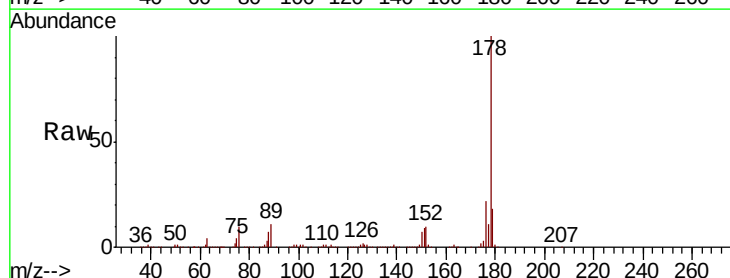
Instrument :
BNA_F
ClientSampleId :

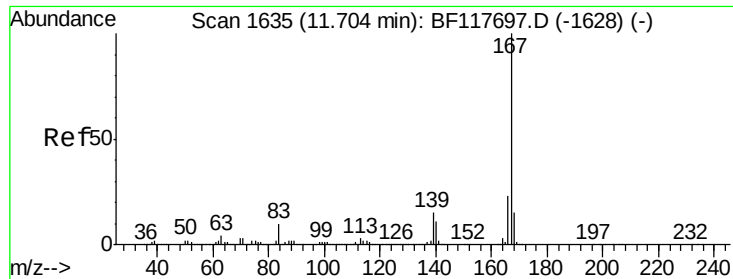
Tot Ion:178 Resp: 3170061
Ion Ratio Lower Upper
178 100
176 22.6 17.7 26.5
179 17.8 13.8 20.8



#72
Anthracene
Concen: 49.159 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:178 Resp: 3120975
Ion Ratio Lower Upper
178 100
176 21.8 16.6 25.0
179 17.6 13.5 20.3

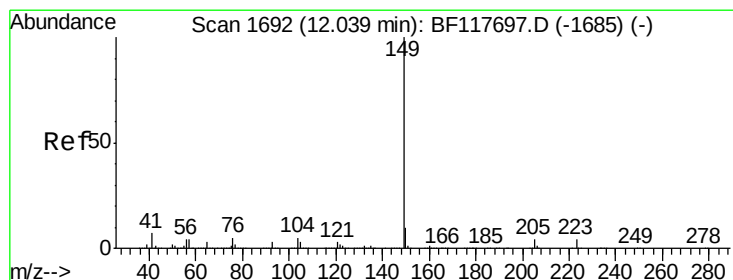
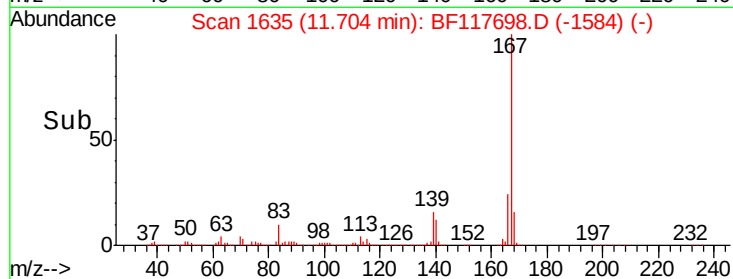
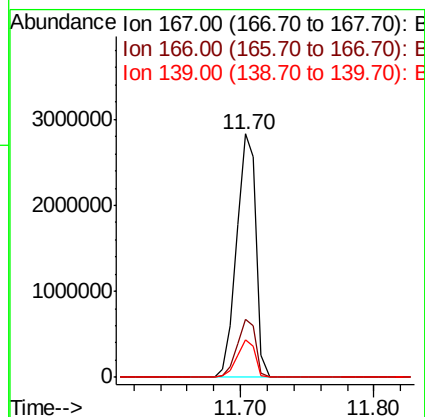
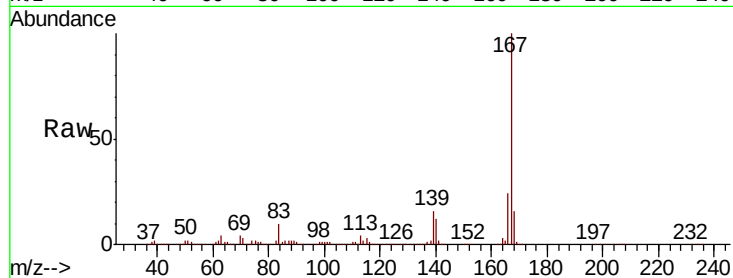




#73
 Carbazole
 Concen: 49.632 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

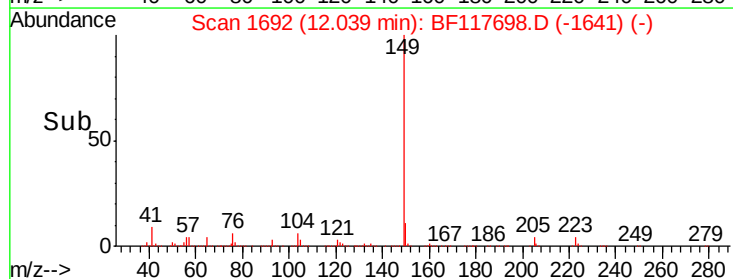
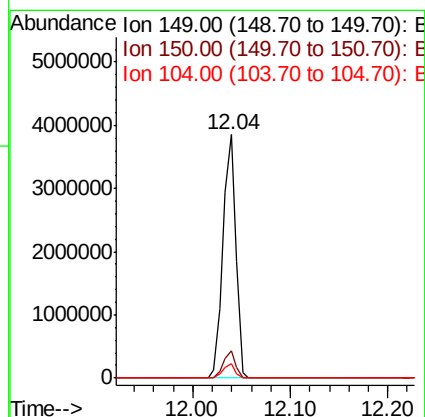
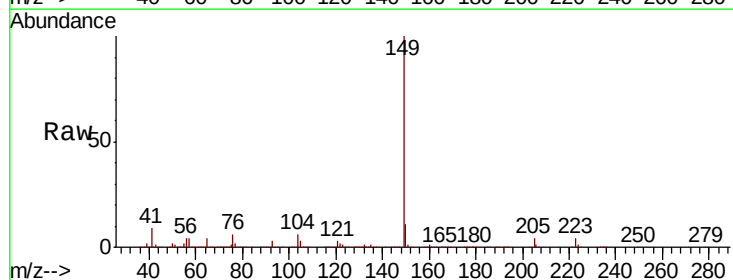
Instrument :
 BNA_F
 ClientSampleId :

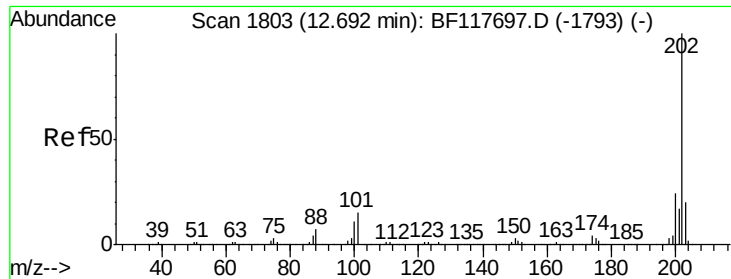
Tot Ion:167 Resp: 2880784
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.6 27.8
 139 15.6 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 50.632 ng
 RT: 12.04 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BF117698.D
 Acq: 6 Nov 2019 13:54

Tgt Ion:149 Resp: 3527467
 Ion Ratio Lower Upper
 149 100
 150 11.0 8.3 12.5
 104 6.1 4.2 6.4





#75

Fluoranthene

Concen: 49.895 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

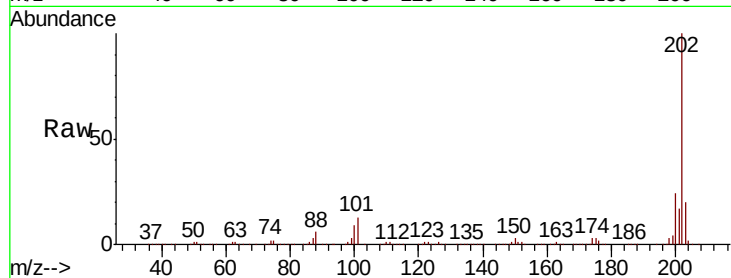
Tot Ion:202 Resp: 3213873

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.5

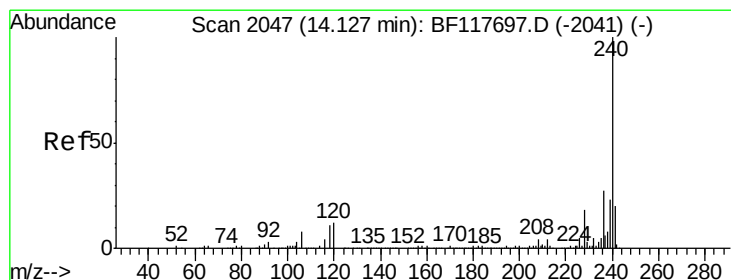
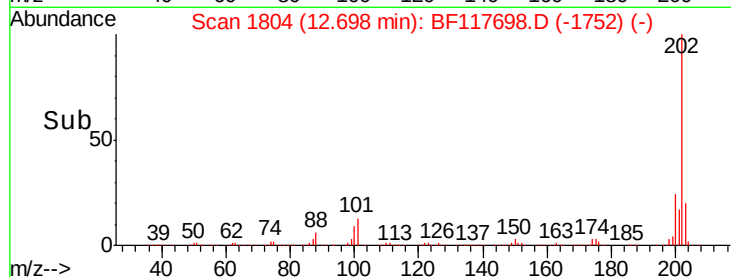
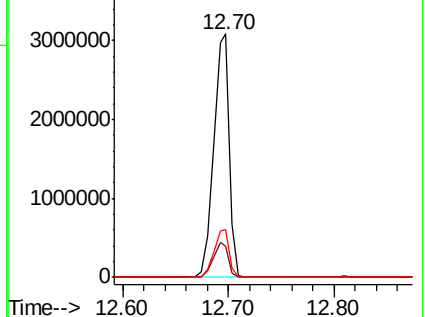
203 19.8 0.0 39.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

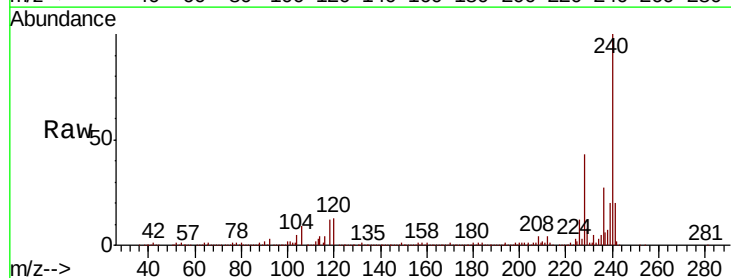
Tgt Ion:240 Resp: 898127

Ion Ratio Lower Upper

240 100

120 12.6 9.7 14.5

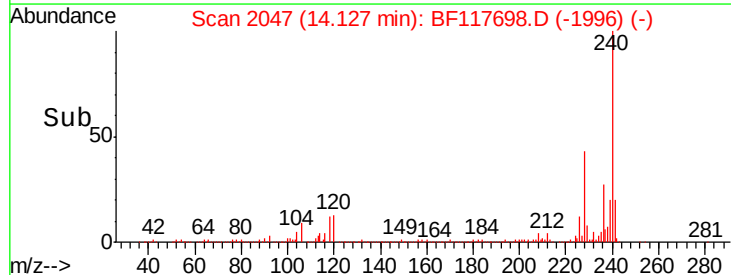
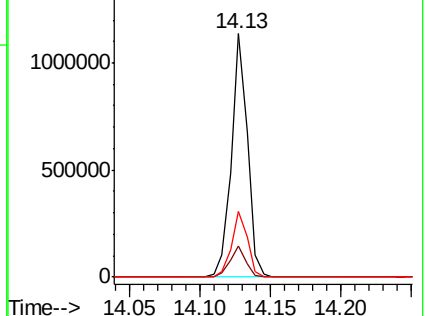
236 27.1 21.9 32.9

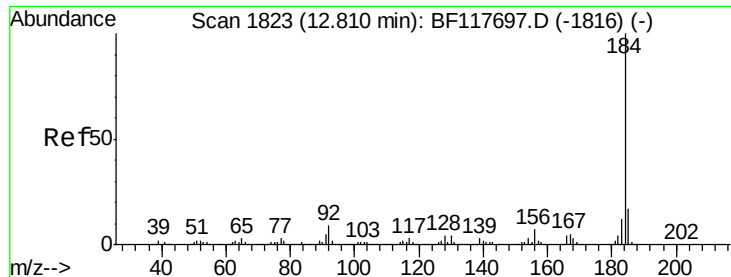


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 90.833 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

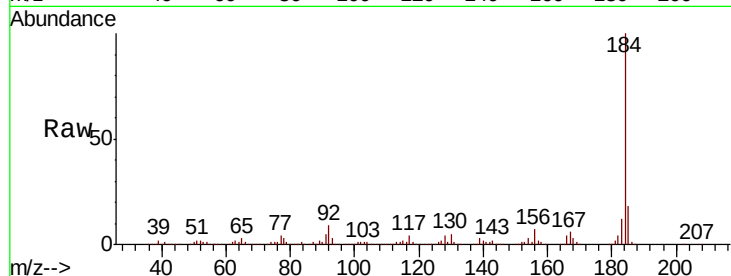
Tot Ion:184 Resp: 1603509

Ion Ratio Lower Upper

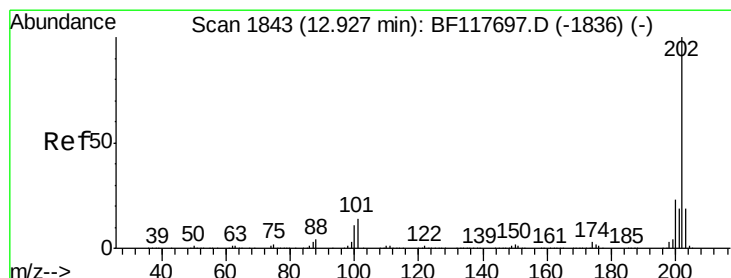
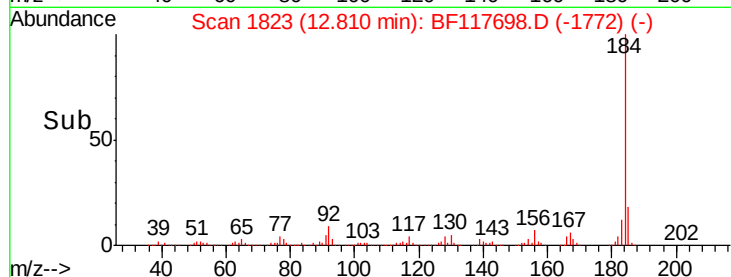
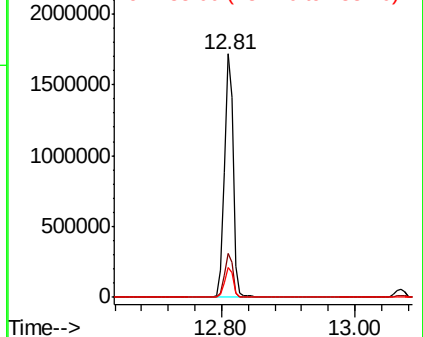
184 100

185 17.9 13.3 19.9

183 12.3 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: 51.454 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

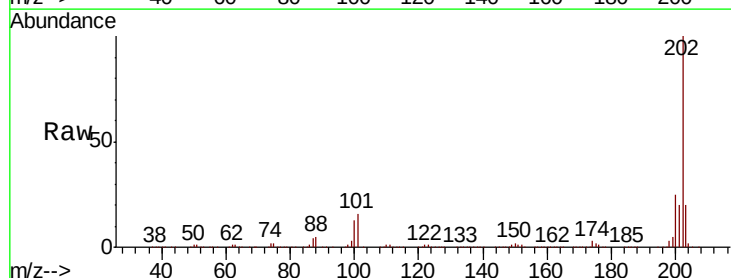
Tgt Ion:202 Resp: 3248553

Ion Ratio Lower Upper

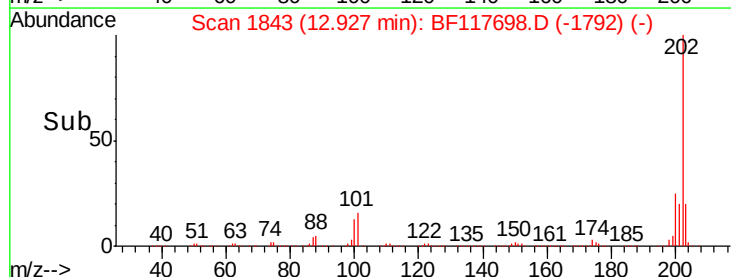
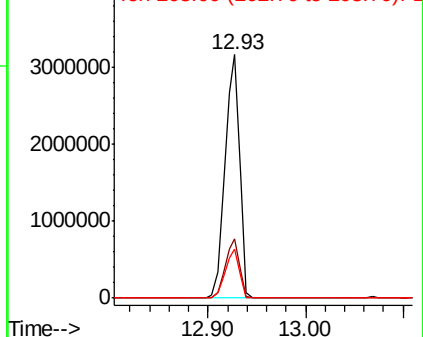
202 100

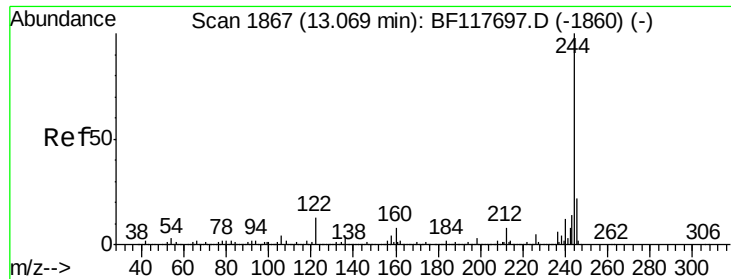
200 24.6 18.8 28.2

203 20.1 15.2 22.8



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: 97.845 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampled :

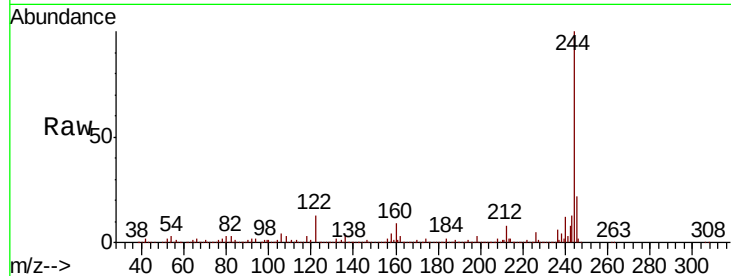
Tot Ion:244 Resp: 4231819

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

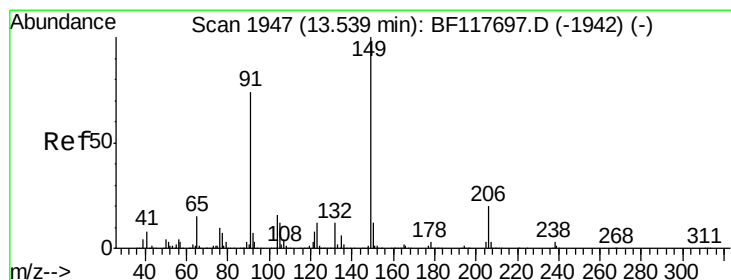
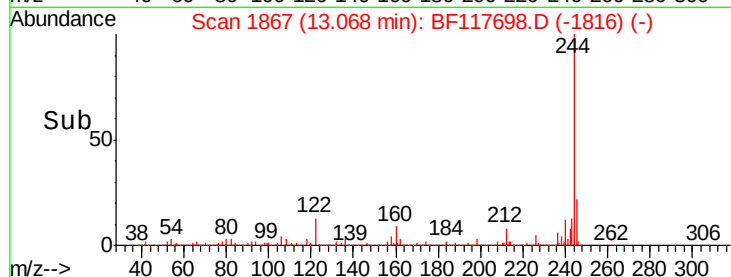
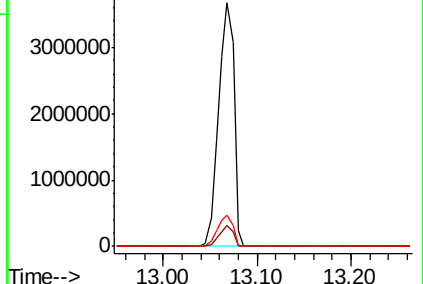
122 12.8 10.0 15.0



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: 53.423 ng

RT: 13.54 min Scan# 1948

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

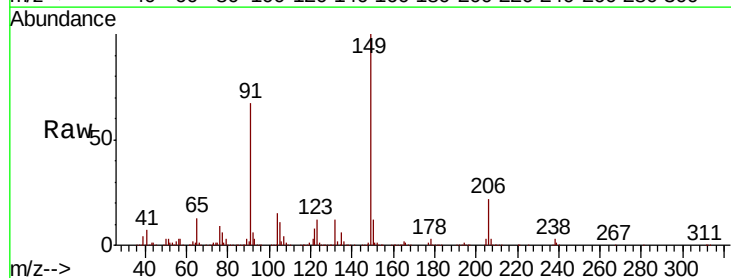
Tgt Ion:149 Resp: 1532869

Ion Ratio Lower Upper

149 100

91 67.1 59.1 88.7

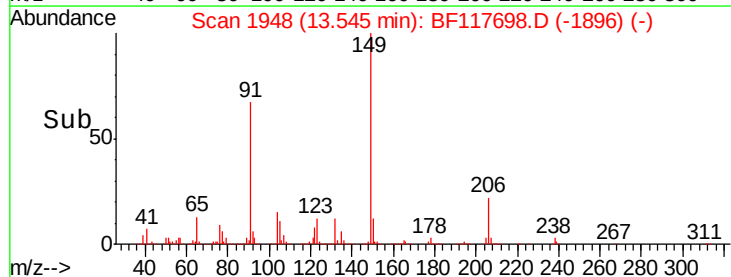
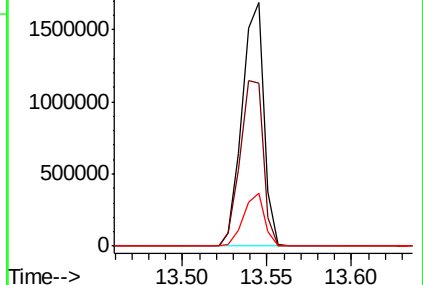
206 21.5 16.1 24.1

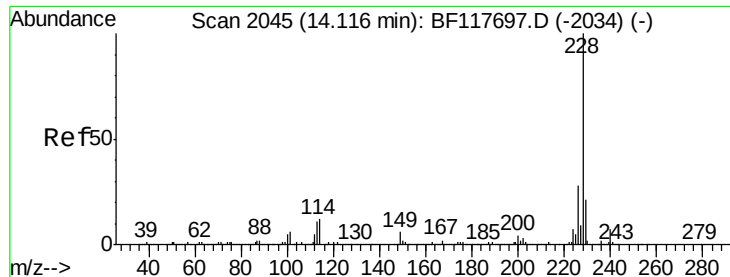


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.225 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

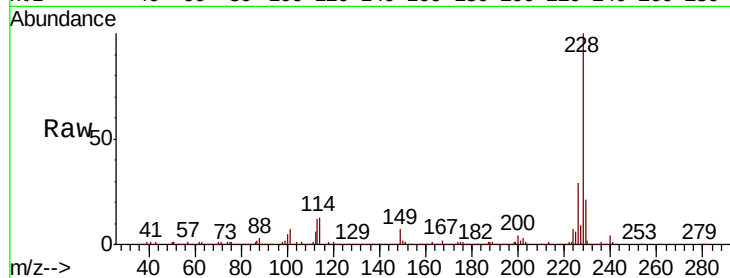
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2764356

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.8	34.2
229	21.0	16.9	25.3

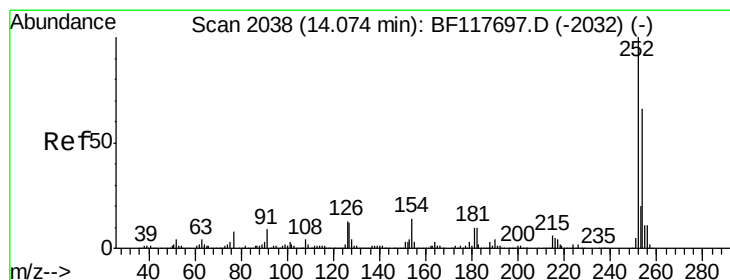
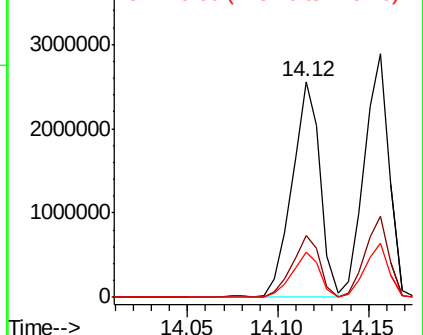
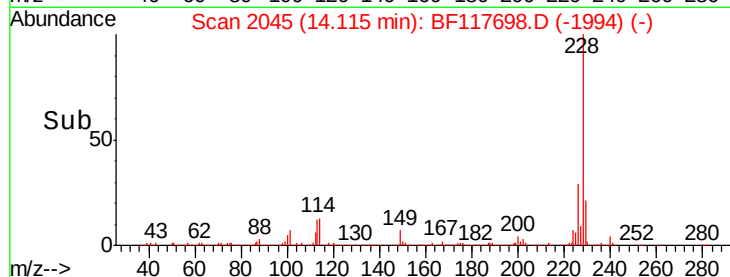


Abundance

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: 55.432 ng

RT: 14.08 min Scan# 2039

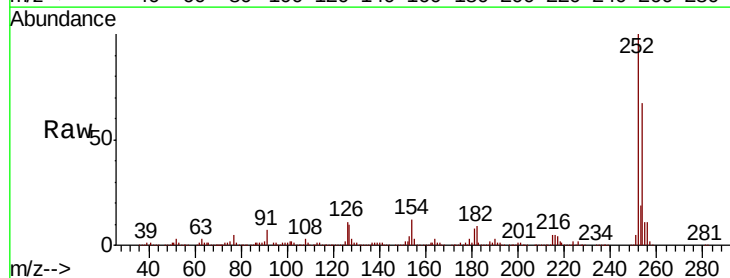
Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion:252 Resp: 1057865

Ion	Ratio	Lower	Upper
252	100		
254	67.0	53.1	79.7
126	10.6	10.3	15.5

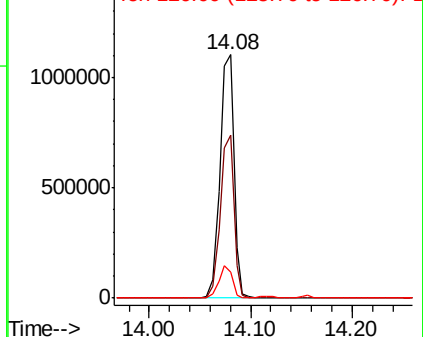
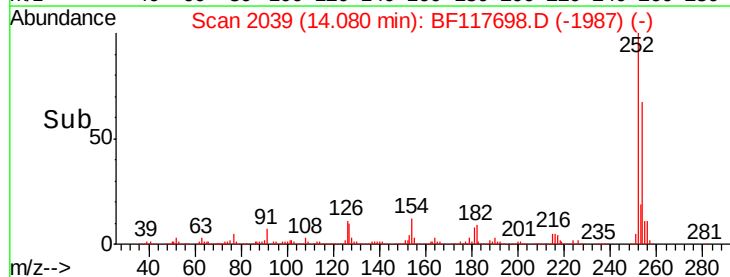


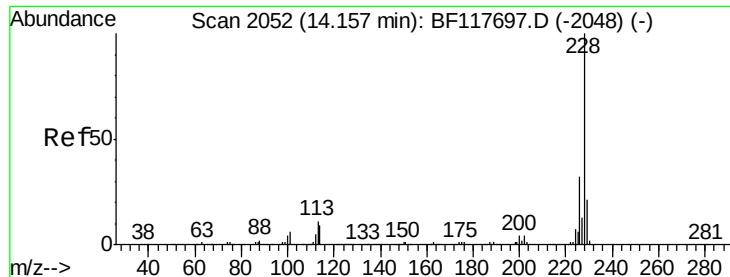
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

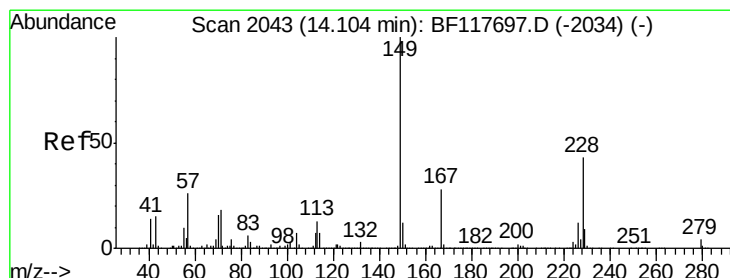
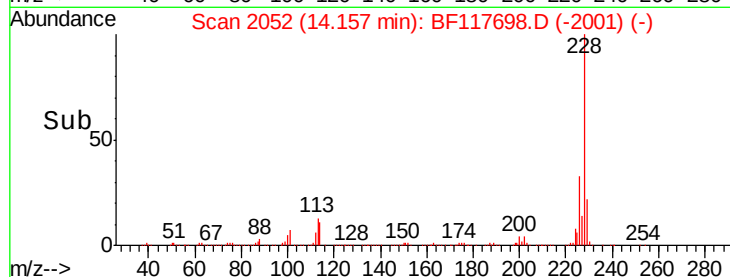
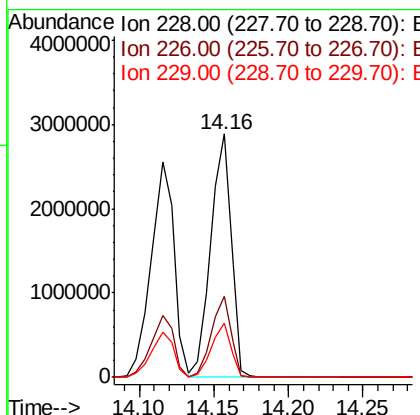
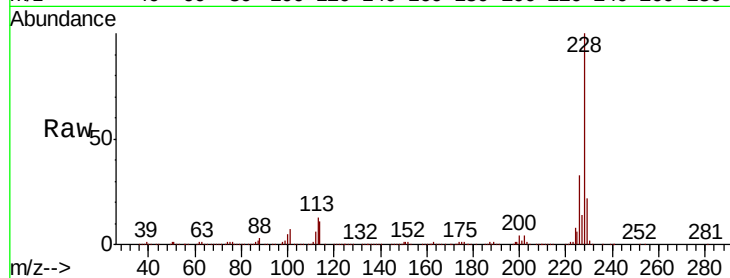




#83
Chrysene
Concen: 52.611 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

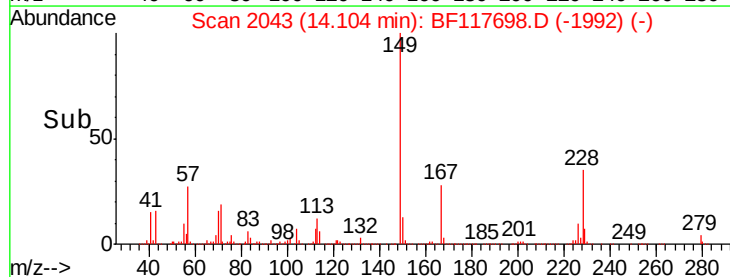
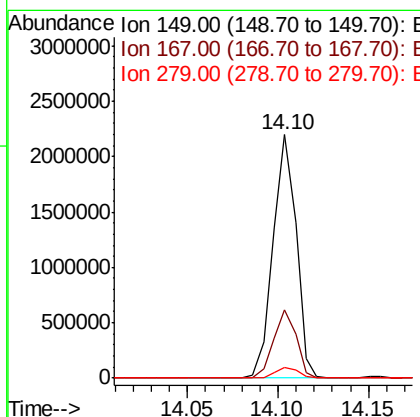
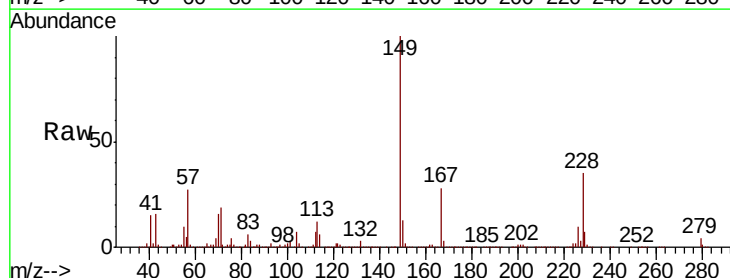
Instrument :
BNA_F
ClientSampleId :

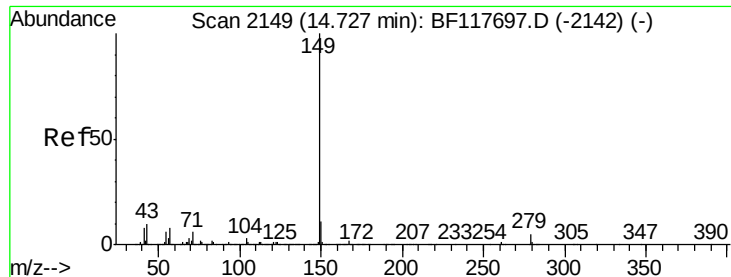
Tot Ion:228 Resp: 2739649
Ion Ratio Lower Upper
228 100
226 33.5 25.4 38.2
229 22.1 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 53.182 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:149 Resp: 1952999
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.2
279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 53.893 ng

RT: 14.73 min Scan# 2149

Delta R.T. -0.00 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Instrument :

BNA_F

ClientSampleId :

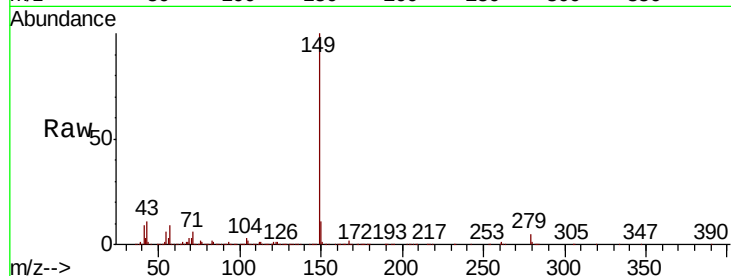
Tot Ion:149 Resp: 3069864

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

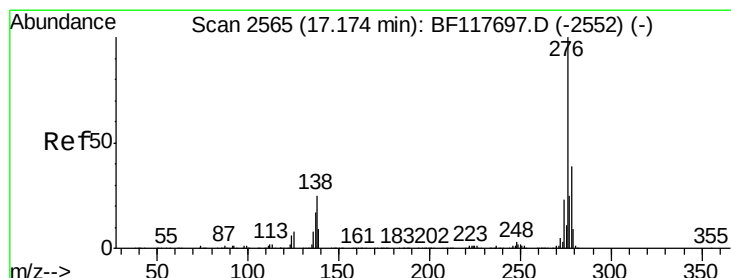
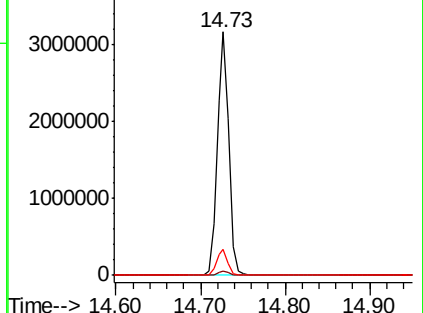
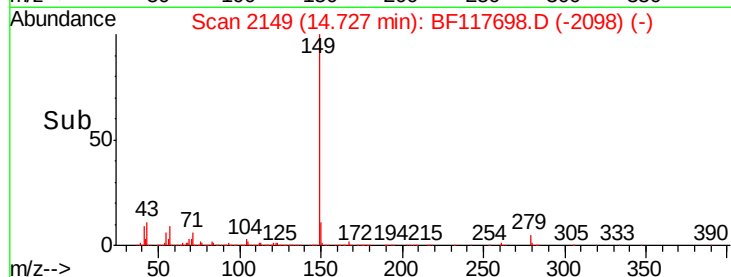
43 10.5 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.154 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

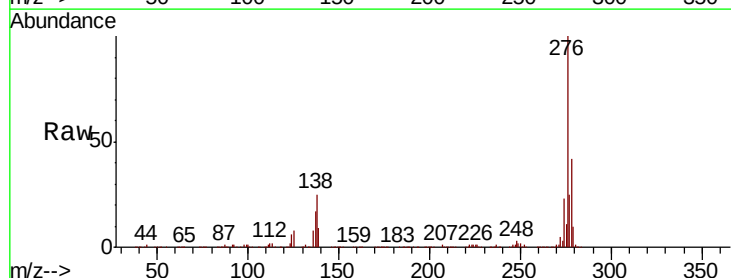
Tgt Ion:276 Resp: 2498229

Ion Ratio Lower Upper

276 100

138 28.1 22.4 33.6

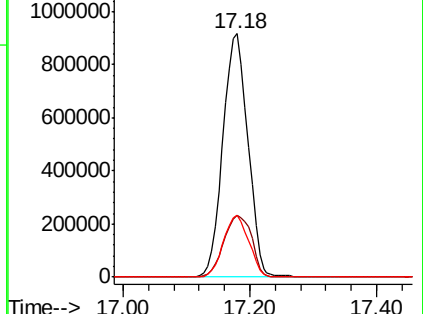
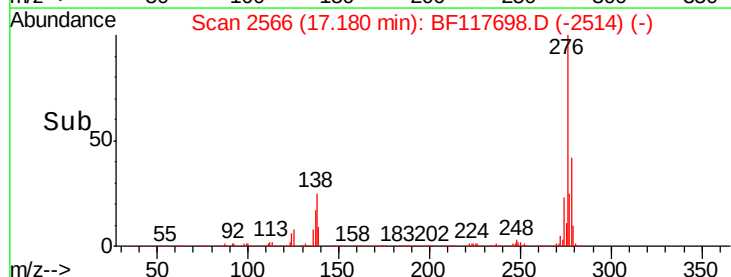
277 25.8 20.6 30.8

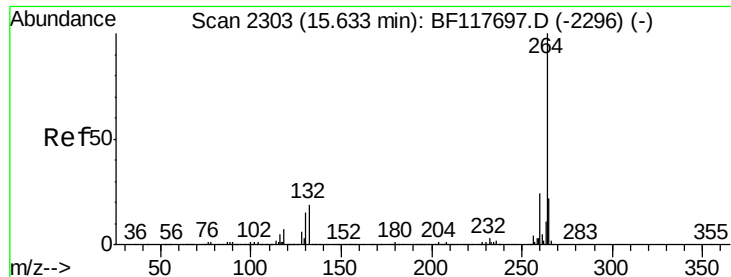


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



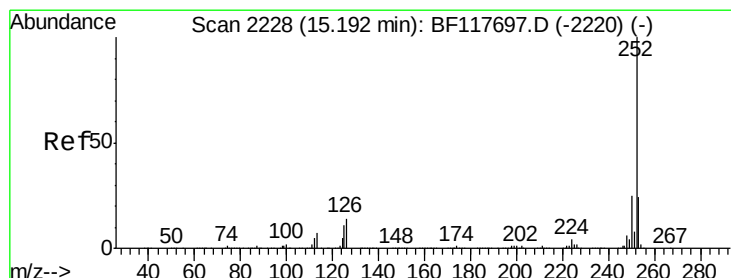
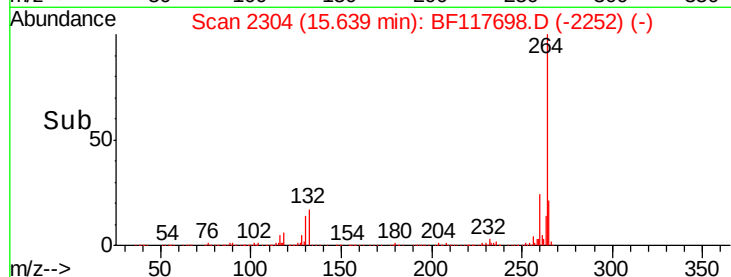
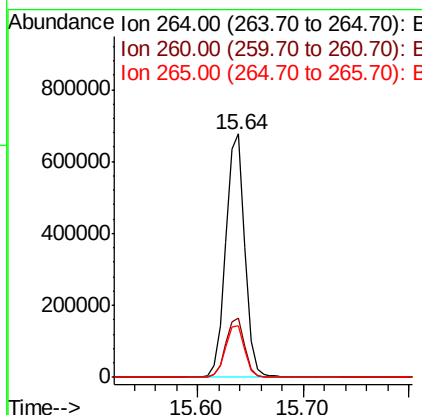
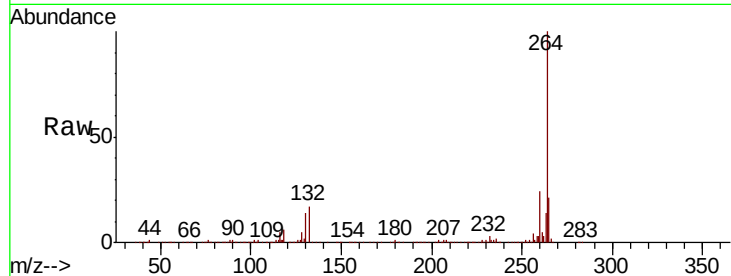


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 837878

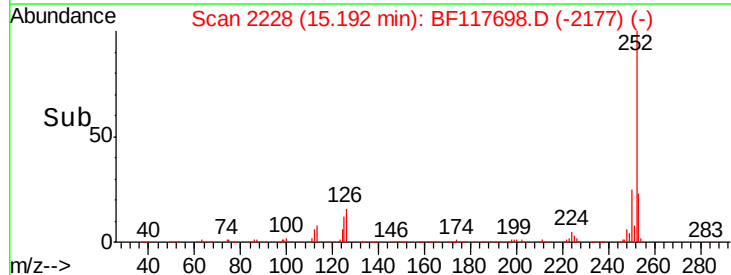
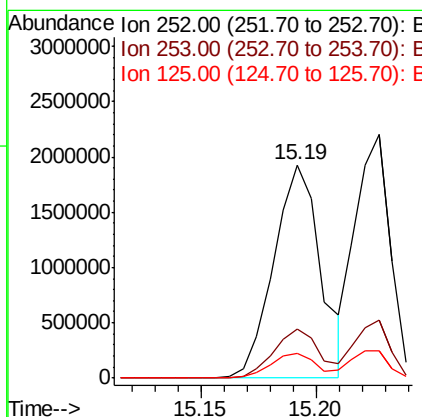
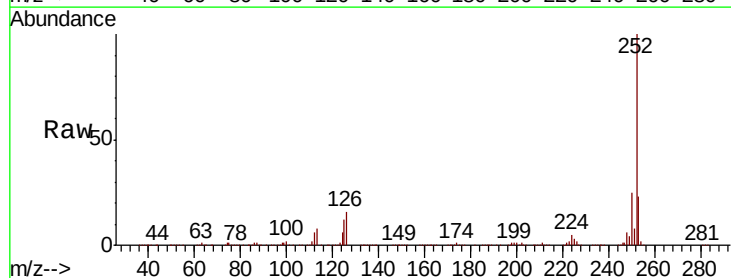
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	21.3	17.7	26.5

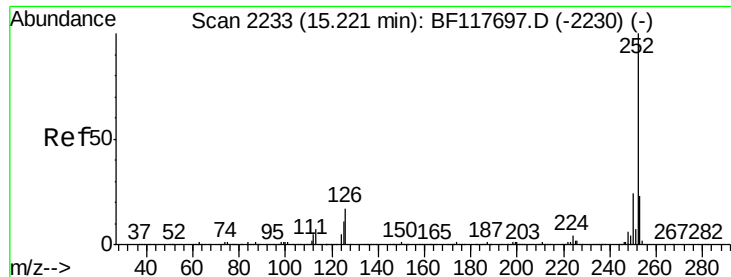


#88
Benzo(b)fluoranthene
Concen: 54.615 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:252 Resp: 2713962

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.9	28.3
125	11.7	8.5	12.7

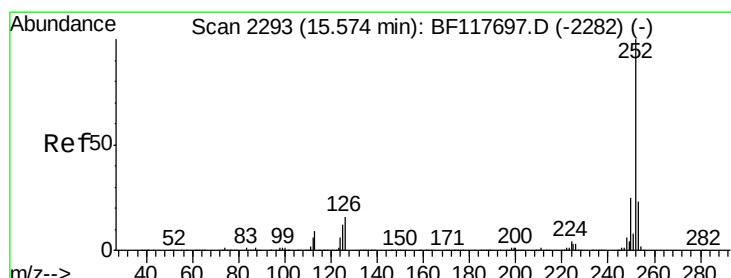
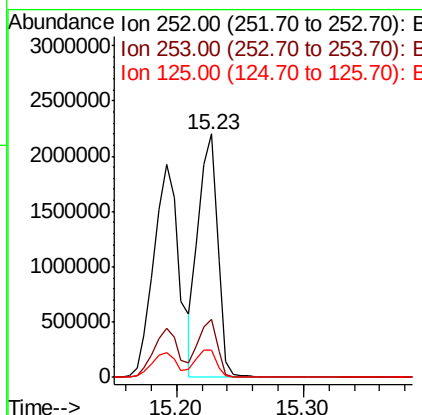
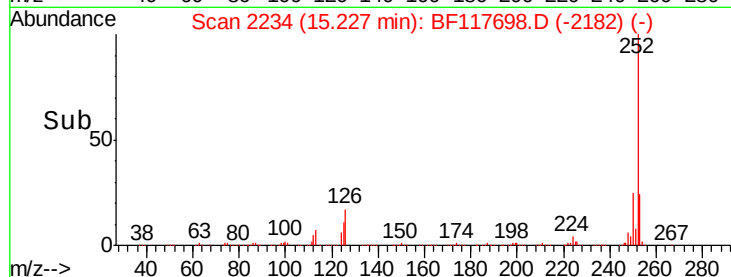
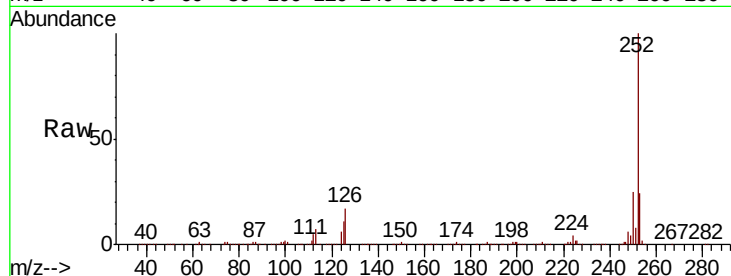




#89
Benzo(k)fluoranthene
Concen: 50.712 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

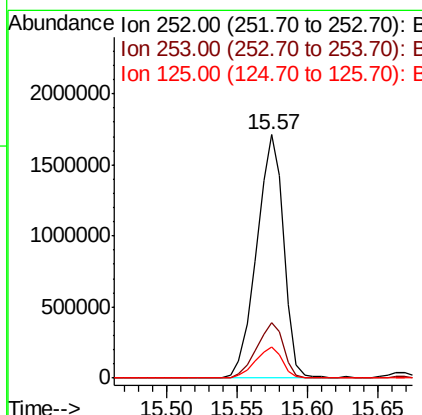
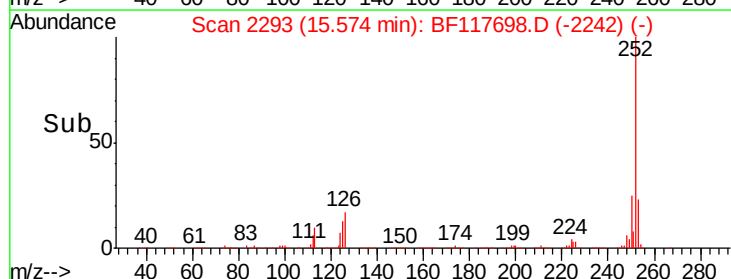
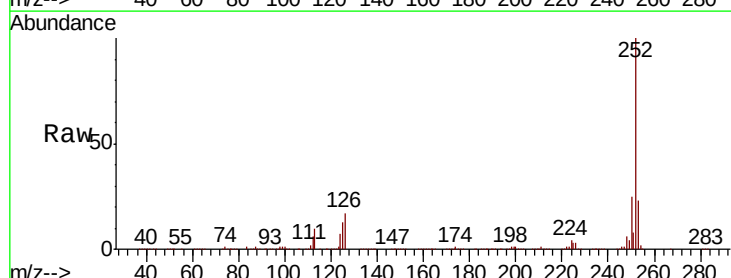
Instrument :
BNA_F
ClientSampled :

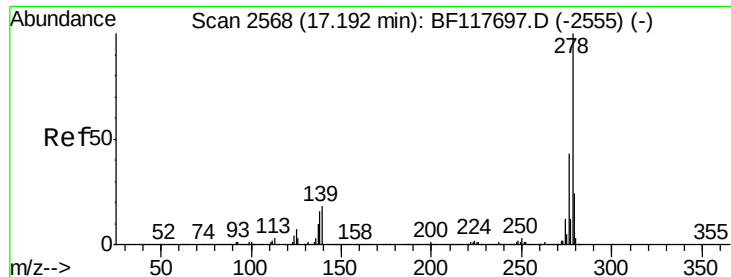
Tot Ion:252 Resp: 2331685
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 11.4 9.1 13.7



#90
Benzo(a)pyrene
Concen: 52.847 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF117698.D
Acq: 6 Nov 2019 13:54

Tgt Ion:252 Resp: 2307238
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 12.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 52.999 ng

RT: 17.20 min Scan# 2569

Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

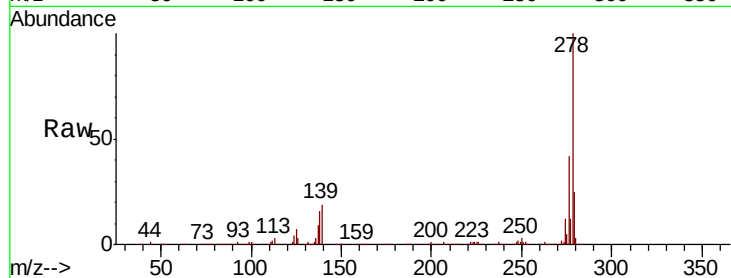
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 2059697

Ion	Ratio	Lower	Upper
278	100		
139	18.7	14.3	21.5
279	24.7	19.0	28.6

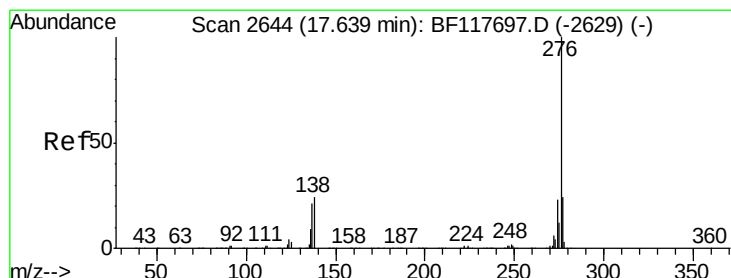
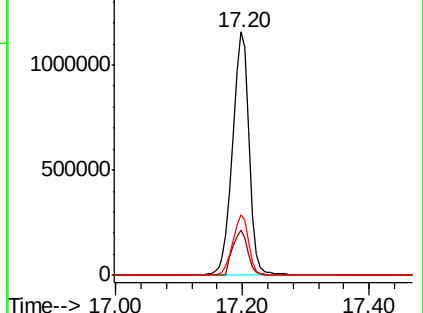
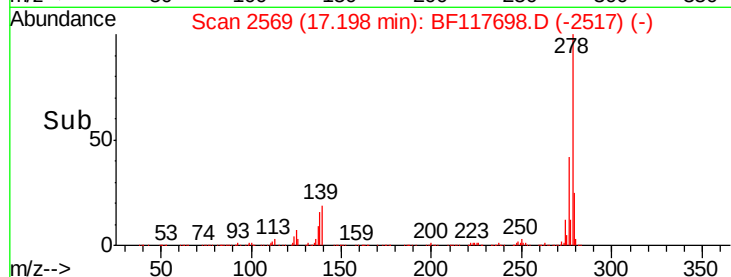


Abundance

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: 53.388 ng

RT: 17.64 min Scan# 2645

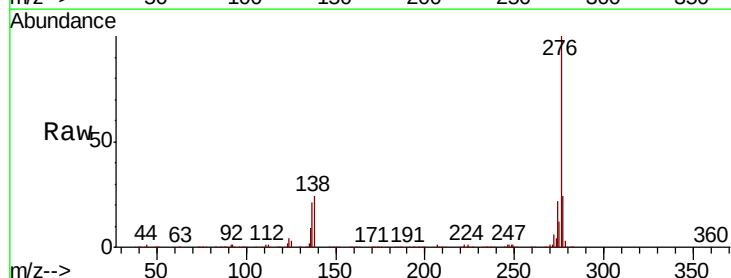
Delta R.T. 0.01 min

Lab File: BF117698.D

Acq: 6 Nov 2019 13:54

Tgt Ion:276 Resp: 2027744

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	23.7	19.2	28.8



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

