

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112619\
 Data File : BF117999.D
 Acq On : 26 Nov 2019 10:29
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 12:07:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 05:38:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145174	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	568644	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	309173	20.00	ng	0.00
64) Phenanthrene-d10	11.45	188	583848	20.00	ng	0.01
76) Chrysene-d12	14.10	240	343644	20.00	ng	0.01
87) Perylene-d12	15.60	264	368616	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	682819	83.26	ng	0.01
7) Phenol-d6	6.52	99	737417	74.54	ng	0.00
23) Nitrobenzene-d5	7.46	82	754085	78.83	ng	0.00
42) 2,4,6-Tribromophenol	10.75	330	283346	86.57	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1392550	80.81	ng	0.00
79) Terphenyl-d14	13.03	244	1583116	84.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	148511	38.739	ng	94
3) Pyridine	3.42	79	395874	39.366	ng	96
4) n-Nitrosodimethylamine	3.37	42	159264	36.280	ng	94
6) Aniline	6.56	93	477895	36.558	ng	100
8) 2-Chlorophenol	6.68	128	380091	42.710	ng	99
9) Benzaldehyde	6.45	77	241477	36.900	ng	97
10) Phenol	6.54	94	415041	40.376	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	342306	41.467	ng	98
12) 1,3-Dichlorobenzene	6.84	146	445371	42.509	ng	99
13) 1,4-Dichlorobenzene	6.92	146	466898	44.088	ng	99
14) 1,2-Dichlorobenzene	7.07	146	442396	43.679	ng	99
15) Benzyl Alcohol	7.04	79	333218	43.630	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	464828	36.574	ng	97
17) 2-Methylphenol	7.15	107	314414	41.720	ng	100
18) Hexachloroethane	7.41	117	167707	43.108	ng	88
19) n-Nitroso-di-n-propylamine	7.31	70	252358	41.352	ng	98
20) 3+4-Methylphenols	7.30	107	389129	41.595	ng	# 72
22) Acetophenone	7.31	105	530758	41.544	ng	# 96
24) Nitrobenzene	7.48	77	362701	36.754	ng	97
25) Isophorone	7.72	82	689256	39.313	ng	99
26) 2-Nitrophenol	7.80	139	210426	43.810	ng	98
27) 2,4-Dimethylphenol	7.83	122	286364	38.368	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	448774	40.337	ng	99
29) 2,4-Dichlorophenol	8.04	162	338443	41.804	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	385332	41.033	ng	98
31) Naphthalene	8.21	128	1125777	42.467	ng	99
32) Benzoic acid	7.96	122	256542	41.051	ng	98
33) 4-Chloroaniline	8.25	127	488648	41.174	ng	98
34) Hexachlorobutadiene	8.32	225	230658	42.011	ng	99
35) Caprolactam	8.63	113	107359	41.725	ng	88
36) 4-Chloro-3-methylphenol	8.73	107	345998	42.111	ng	94
37) 2-Methylnaphthalene	8.90	142	764737	42.695	ng	98
38) 1-Methylnaphthalene	9.00	142	711230	42.001	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	356533	39.709	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	180323	35.838	nq	100
43) 2,4,6-Trichlorophenol	9.18	196	218216	33.931	nq	97
44) 2,4,5-Trichlorophenol	9.22	196	227506	34.072	nq	98
46) 1,1'-Biphenyl	9.37	154	946254	41.253	nq	98
47) 2-Chloronaphthalene	9.39	162	759001	40.223	nq	97
48) 2-Nitroaniline	9.49	65	225159	39.523	nq	93
49) Acenaphthylene	9.81	152	1154888	41.979	nq	99
50) Dimethylphthalate	9.67	163	822639	37.944	nq	98
51) 2,6-Dinitrotoluene	9.73	165	195699	41.301	nq	97
52) Acenaphthene	9.99	154	743471	42.186	nq	99
53) 3-Nitroaniline	9.90	138	239826	42.299	nq	98
54) 2,4-Dinitrophenol	10.01	184	102460	45.508	nq	96
55) Dibenzofuran	10.16	168	1041546	42.679	nq	97
56) 4-Nitrophenol	10.06	139	166642	39.375	nq	96
57) 2,4-Dinitrotoluene	10.14	165	267095	44.313	nq	87
58) Fluorene	10.50	166	810189	42.841	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	219086	39.933	nq	99
60) Diethylphthalate	10.37	149	886779	41.954	nq	100
61) 4-Chlorophenyl-phenylether	10.49	204	412121	42.941	nq	96
62) 4-Nitroaniline	10.52	138	244462	43.062	nq	99
63) Azobenzene	10.65	77	772048	40.148	nq	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	129735	47.599	nq	98
66) n-Nitrosodiphenylamine	10.61	169	696218	40.974	nq	99
67) 4-Bromophenyl-phenylether	10.98	248	266736	42.341	nq	92
68) Hexachlorobenzene	11.06	284	303533	41.321	nq	# 90
69) Atrazine	11.13	200	219447	39.261	nq	98
70) Pentachlorophenol	11.25	266	156628	36.497	nq	100
71) Phenanthrene	11.47	178	1219682	41.551	nq	98
72) Anthracene	11.52	178	1217535	41.834	nq	99
73) Carbazole	11.67	167	1050923	41.322	nq	99
74) Di-n-butylphthalate	12.00	149	1420602	44.863	nq	100
75) Fluoranthene	12.66	202	1040667	37.713	nq	100
77) Benzidine	12.78	184	425782	37.826	nq	99
78) Pyrene	12.89	202	1056422	38.039	nq	99
80) Butylbenzylphthalate	13.50	149	593833	49.785	nq	95
81) Benzo(a)anthracene	14.09	228	1065859	46.937	nq	99
82) 3,3'-Dichlorobenzidine	14.04	252	393983	49.599	nq	98
83) Chrysene	14.12	228	915147	41.589	nq	97
84) Bis(2-ethylhexyl)phthalate	14.06	149	839926	58.082	nq	99
85) Di-n-octyl phthalate	14.68	149	1324540	62.348	nq	98
86) Indeno(1,2,3-cd)pyrene	17.13	276	867904	46.343	nq	99
88) Benzo(b)fluoranthene	15.15	252	994963	41.545	nq	100
89) Benzo(k)fluoranthene	15.19	252	902765	40.006	nq	99
90) Benzo(a)pyrene	15.53	252	845858	40.165	nq	100
91) Dibenzo(a,h)anthracene	17.14	278	727525	40.136	nq	99
92) Benzo(g,h,i)perylene	17.59	276	676451	37.468	nq	99

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

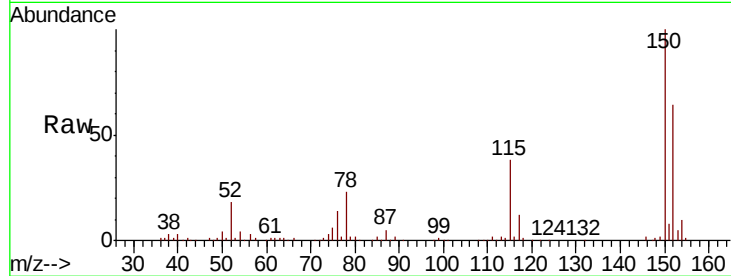


#1

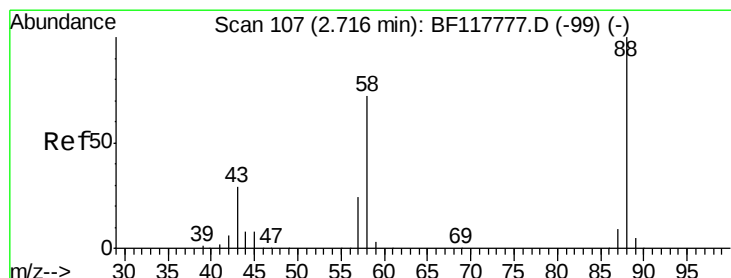
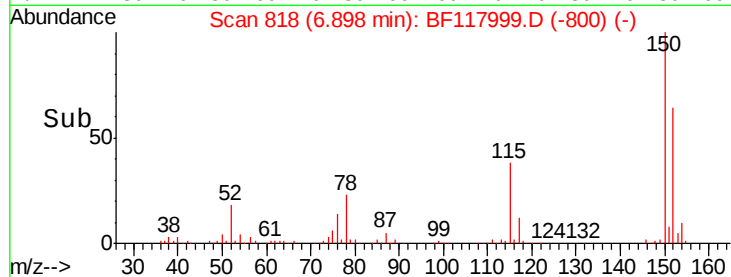
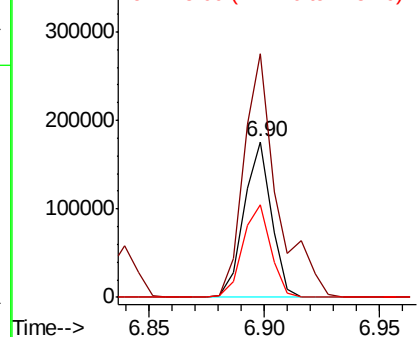
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145174
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 59.5 47.0 70.4



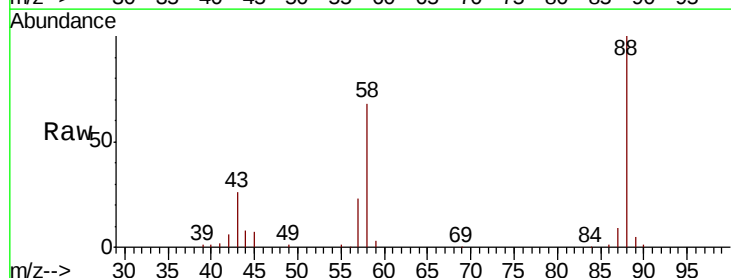
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



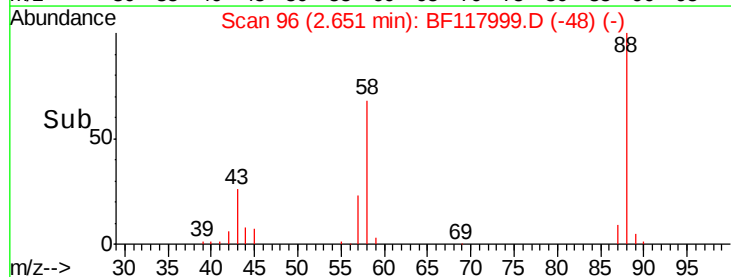
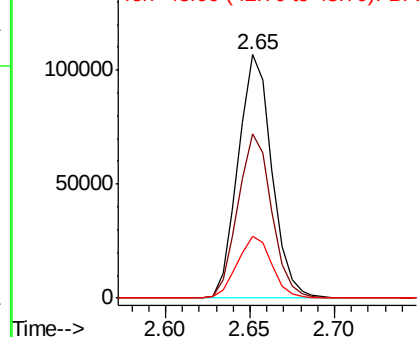
#2

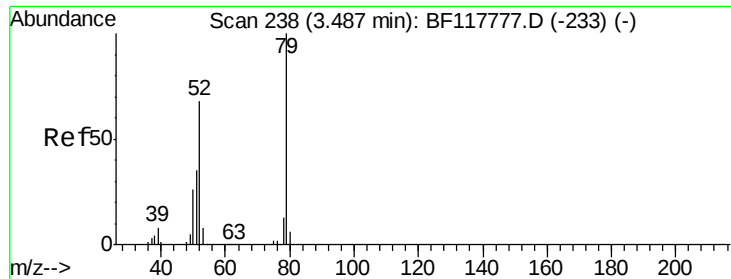
1,4-Dioxane
Concen: 38.739 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion: 88 Resp: 148511
Ion Ratio Lower Upper
88 100
58 67.5 58.2 87.2
43 26.2 23.3 34.9



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: 39.366 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

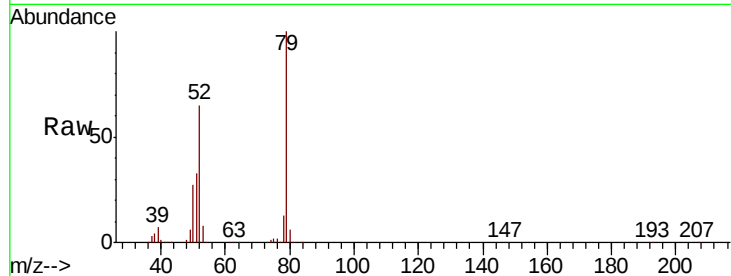
Tot Ion: 79 Resp: 395874

Ion Ratio Lower Upper

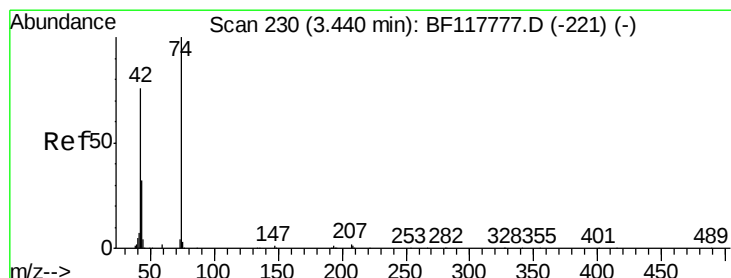
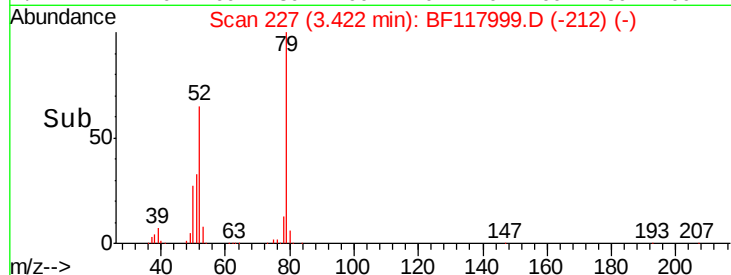
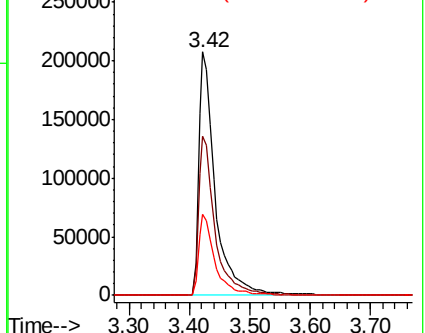
79 100

52 65.3 54.8 82.2

51 33.4 28.2 42.4



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: 36.280 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.02 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

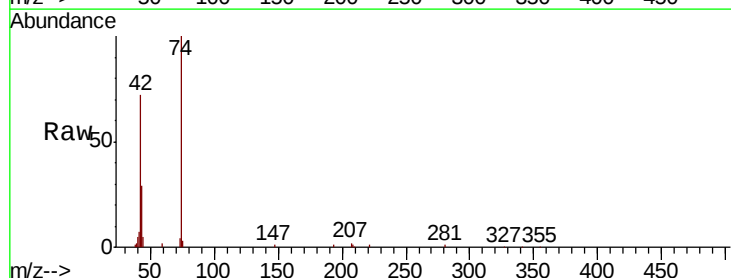
Tgt Ion: 42 Resp: 159264

Ion Ratio Lower Upper

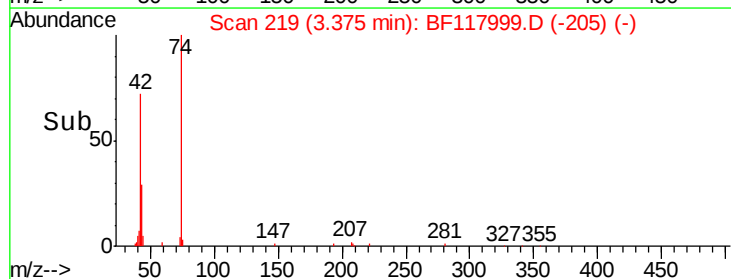
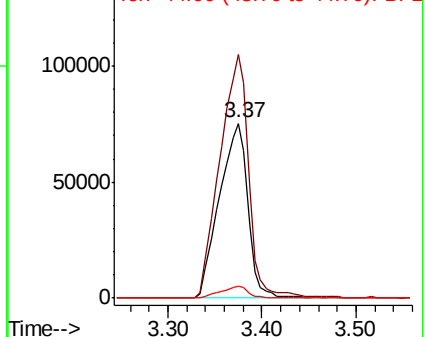
42 100

74 139.1 105.1 157.7

44 6.5 4.6 7.0



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: 83.256 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

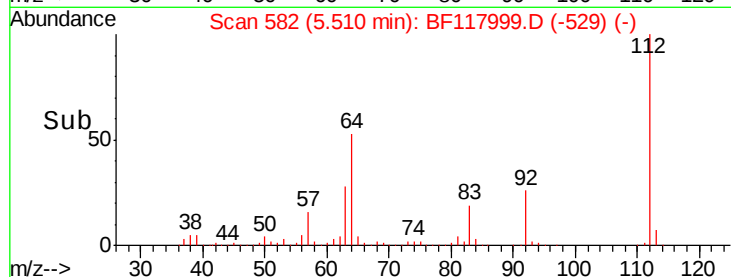
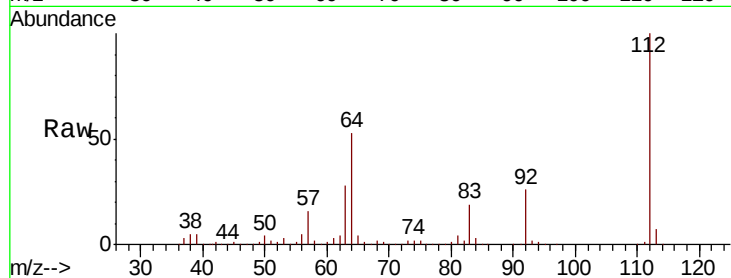
Tot Ion:112 Resp: 682819

Ion Ratio Lower Upper

112 100

64 52.8 45.6 68.4

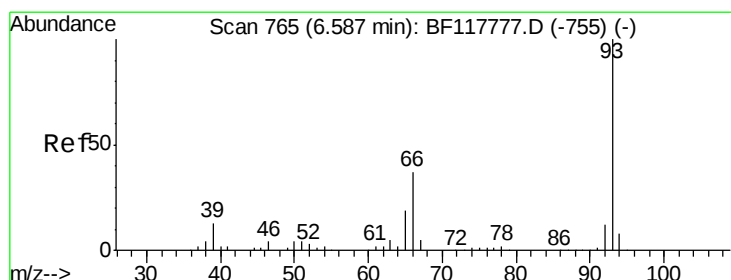
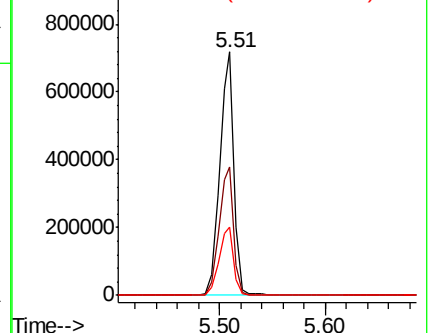
63 27.8 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.558 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

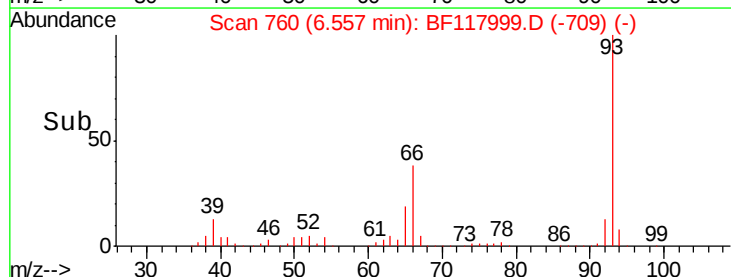
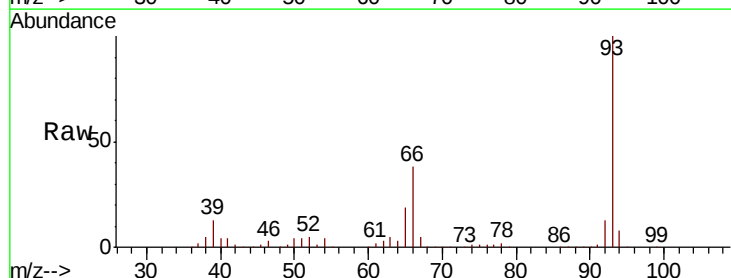
Tgt Ion: 93 Resp: 477895

Ion Ratio Lower Upper

93 100

66 38.2 30.6 45.8

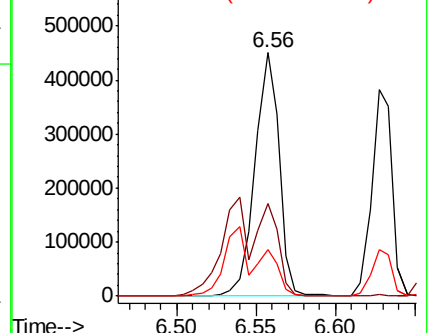
65 19.1 15.6 23.4

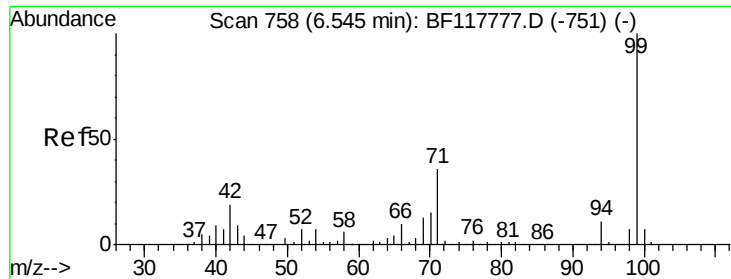


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.545 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

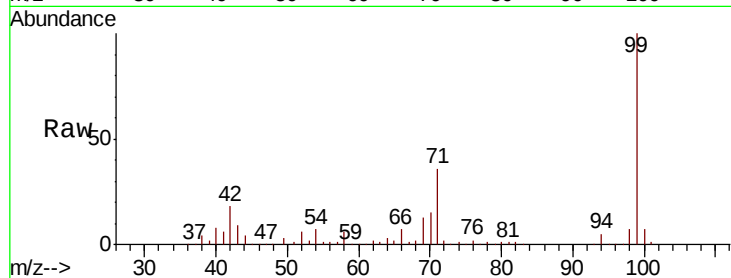
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 737417

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	36.1	28.6	43.0

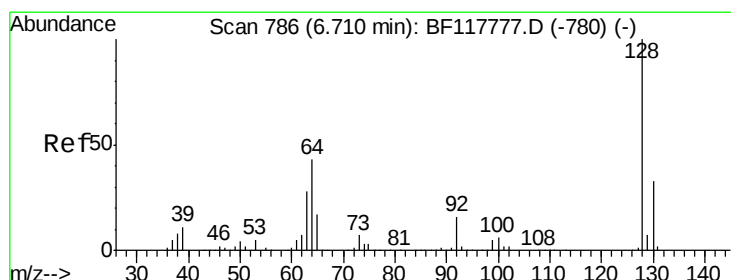
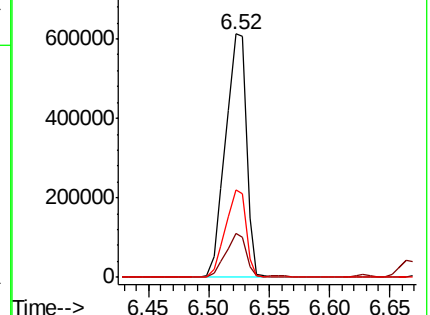
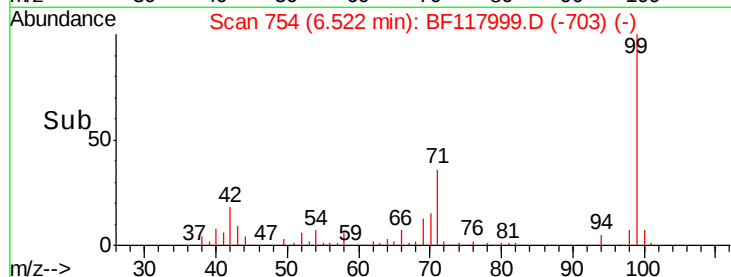


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.710 ng

RT: 6.68 min Scan# 781

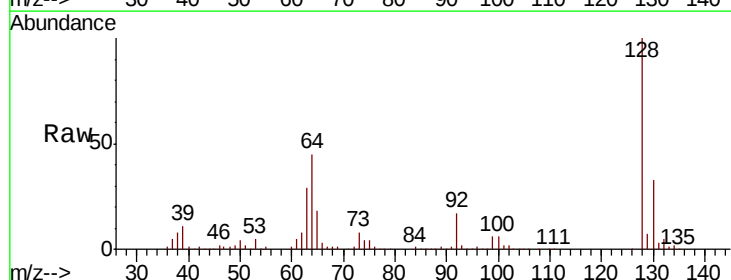
Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Tgt Ion: 128 Resp: 380091

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.2	53.2
64	44.7	23.7	63.7

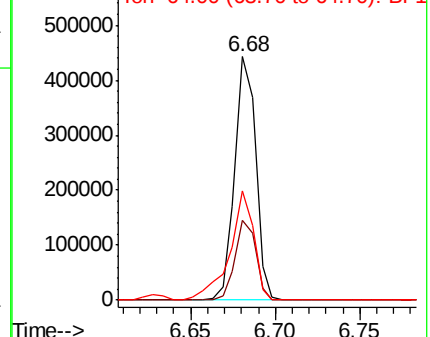
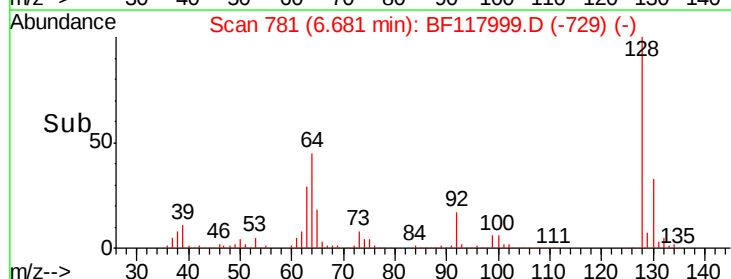


Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

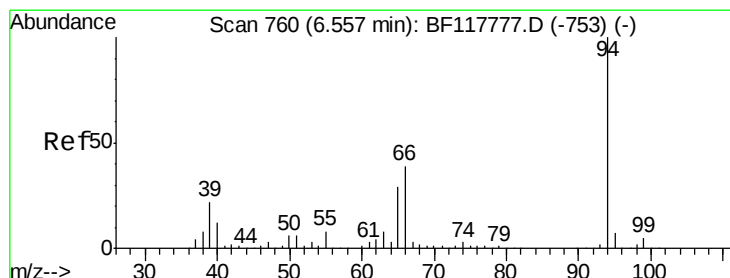
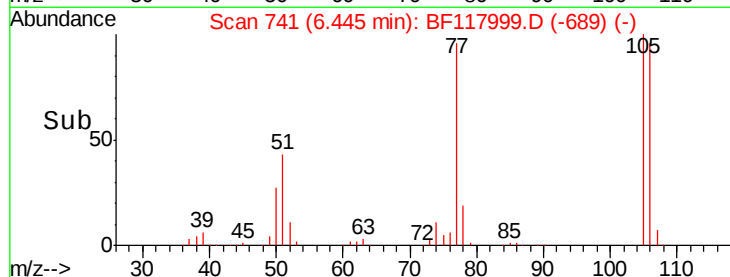
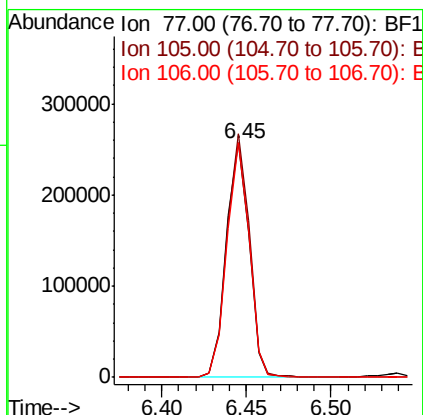
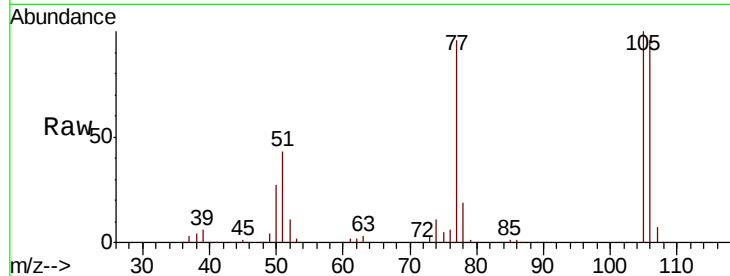




#9
Benzaldehyde
Concen: 36.900 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

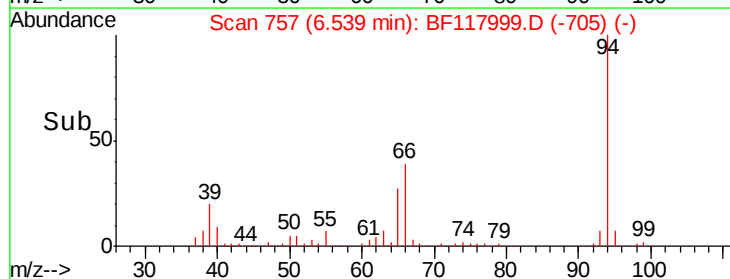
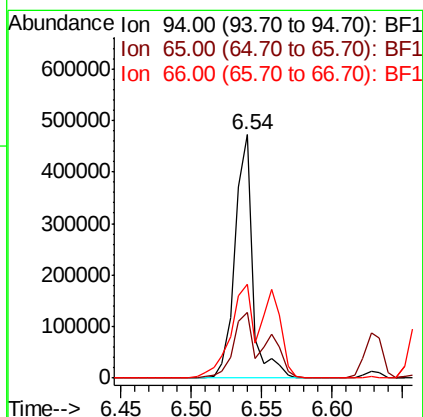
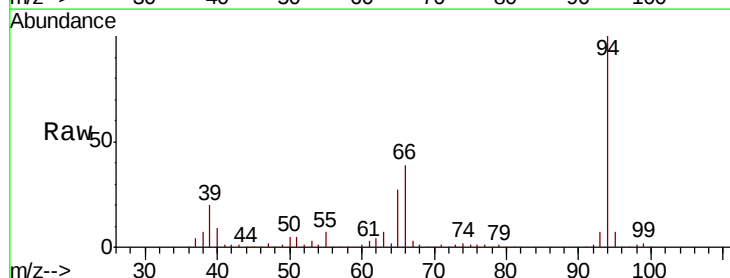
Instrument :
BNA_F
ClientSampleId :

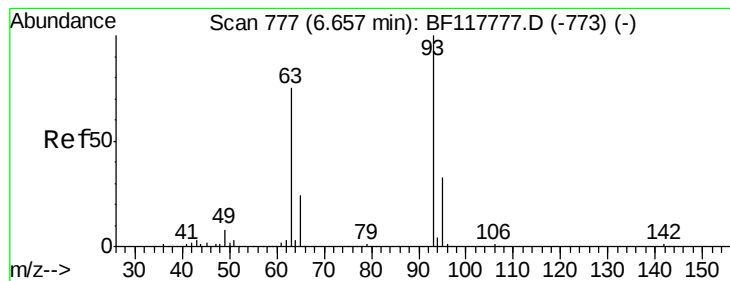
Tot Ion: 77 Resp: 241477
Ion Ratio Lower Upper
77 100
105 104.0 80.2 120.2
106 100.1 78.4 118.4



#10
Phenol
Concen: 40.376 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion: 94 Resp: 415041
Ion Ratio Lower Upper
94 100
65 27.1 8.9 48.9
66 38.8 18.7 58.7

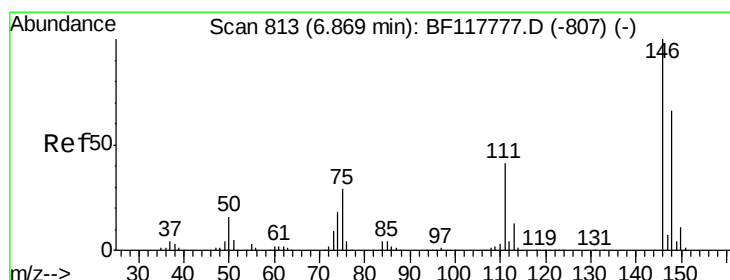
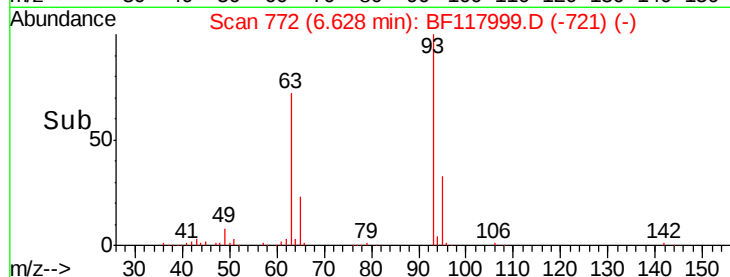
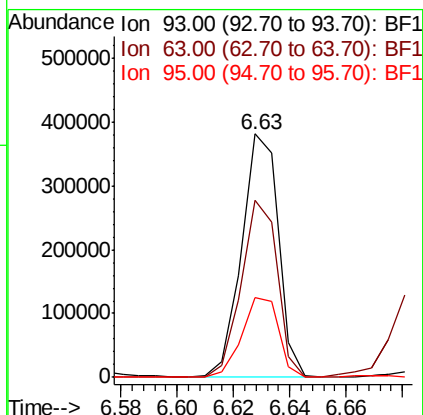
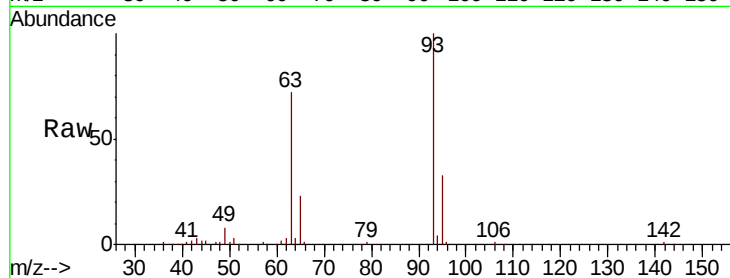




#11
bis(2-Chloroethyl)ether
Concen: 41.467 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

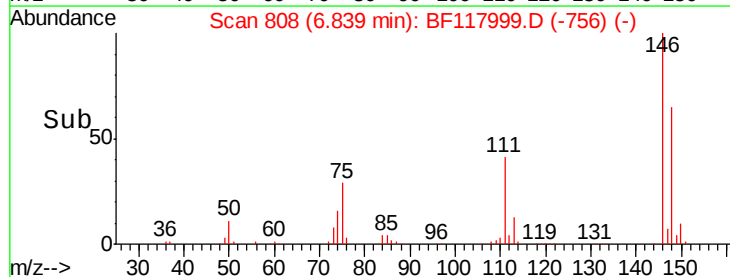
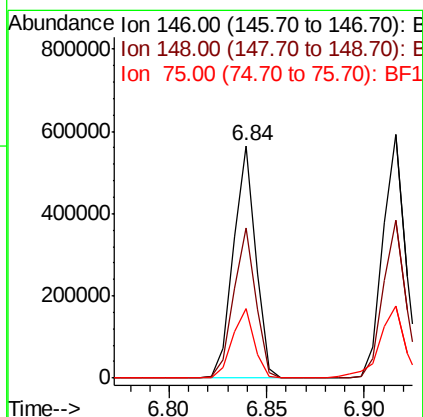
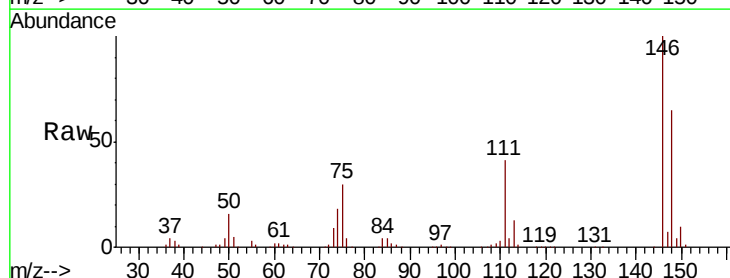
Instrument :
BNA_F
ClientSampleId :

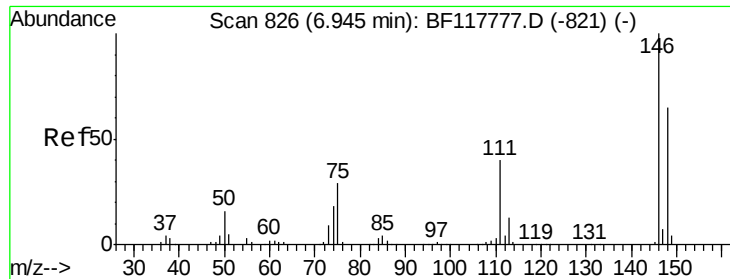
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	54.8	94.8
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.509 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.8	79.2
75	29.8	23.4	35.0

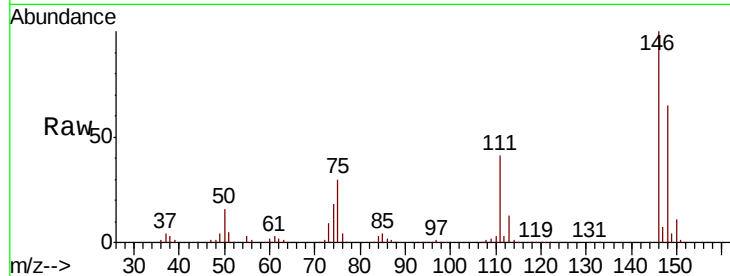




#13
 1,4-Dichlorobenzene
 Concen: 44.088 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	41.0	32.2	48.4

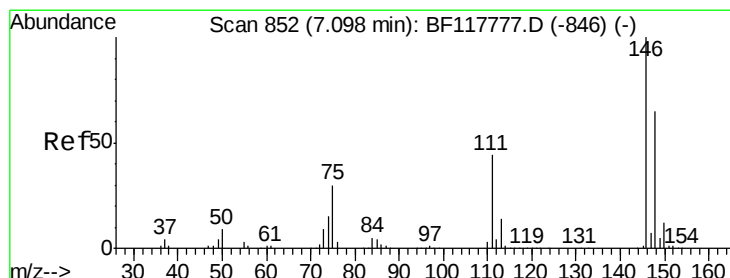
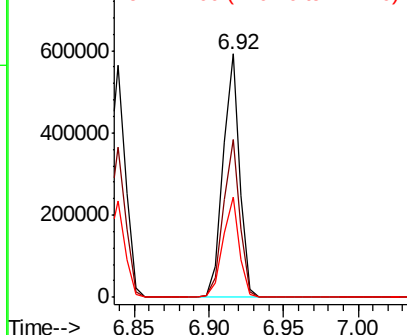
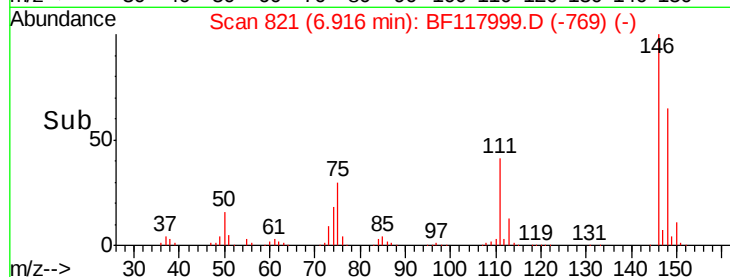


Abundance

Ion 146.00 (145.70 to 146.70): E

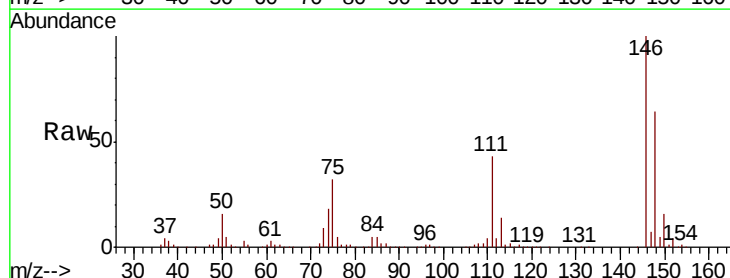
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.679 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.8
111	43.3	35.0	52.6

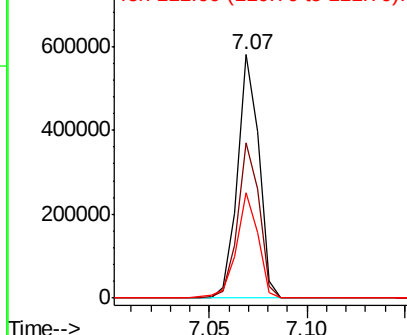
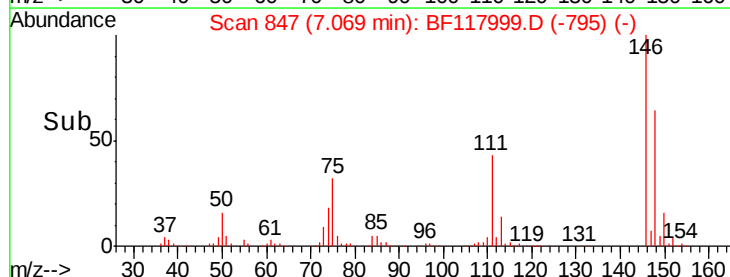


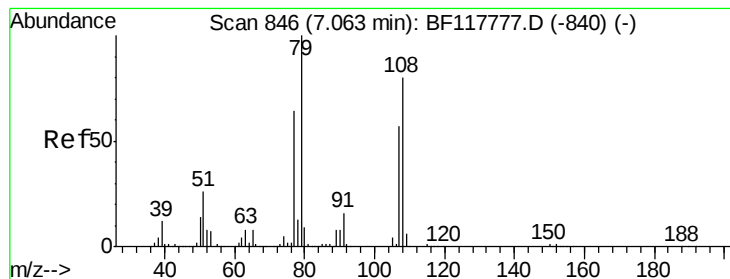
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.630 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

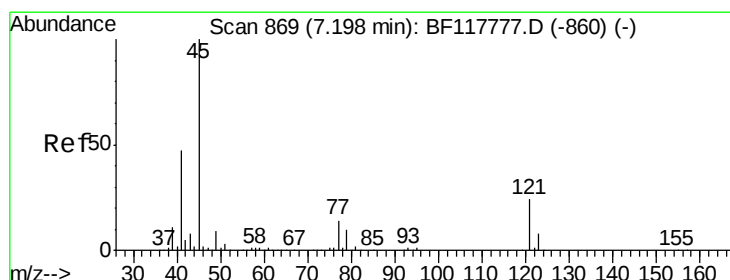
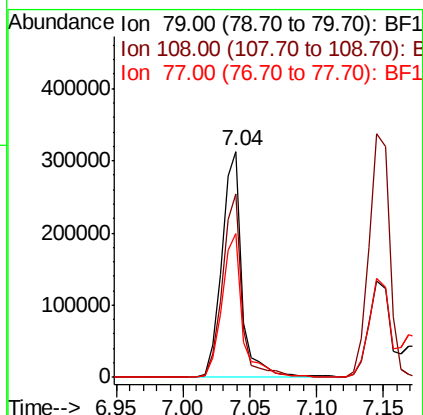
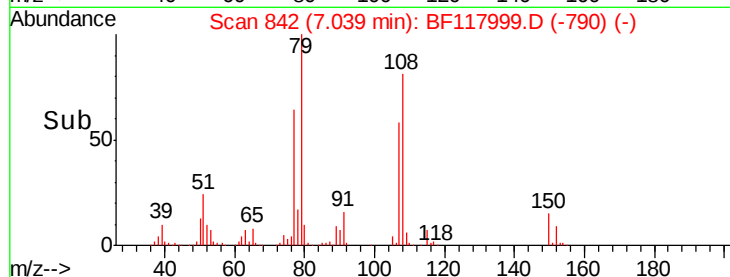
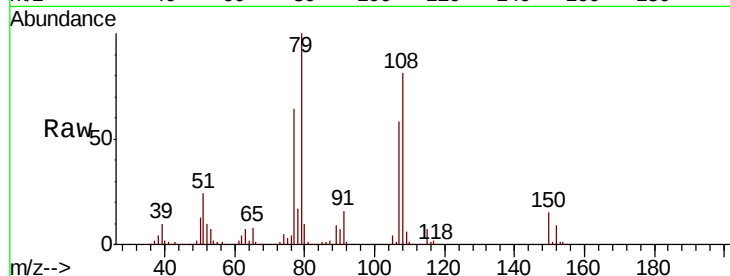
Tot Ion: 79 Resp: 333218

Ion Ratio Lower Upper

79 100

108 81.2 64.1 96.1

77 63.7 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.574 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

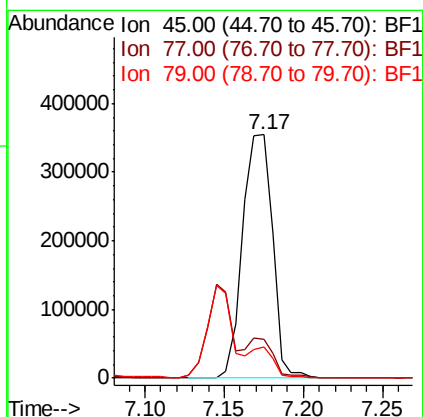
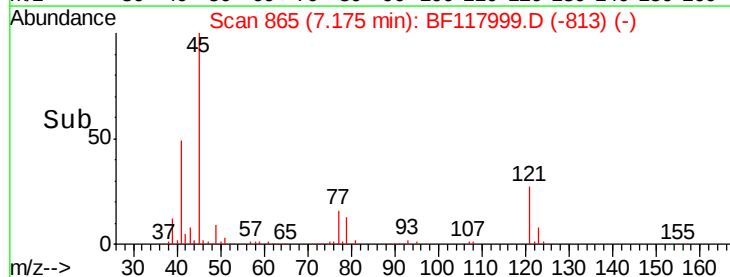
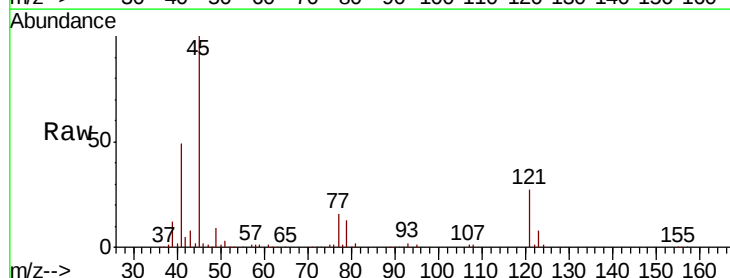
Tgt Ion: 45 Resp: 464828

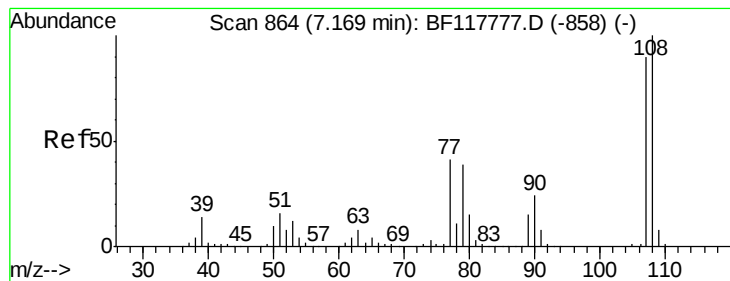
Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.0

79 12.8 0.0 31.1

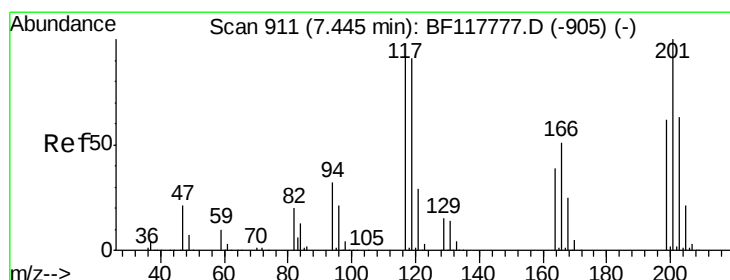
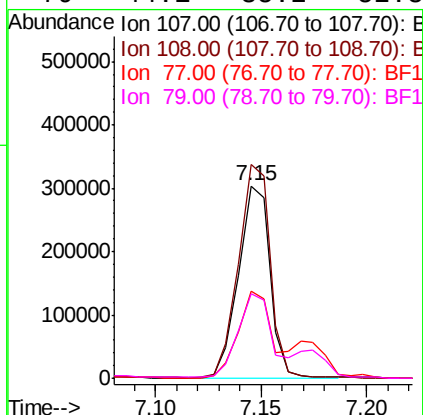
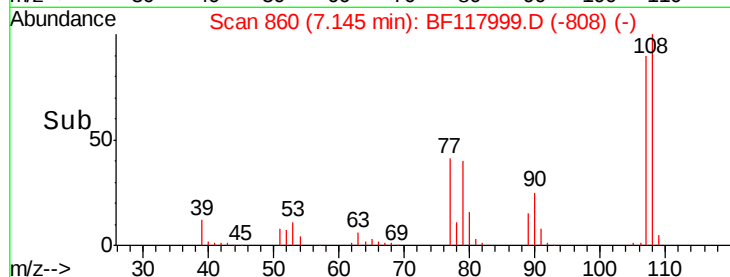
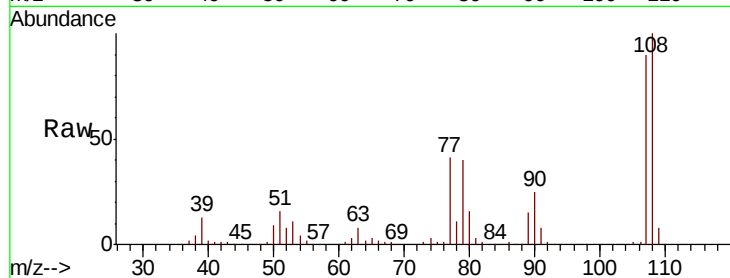




#17
2-Methylphenol
Concen: 41.720 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

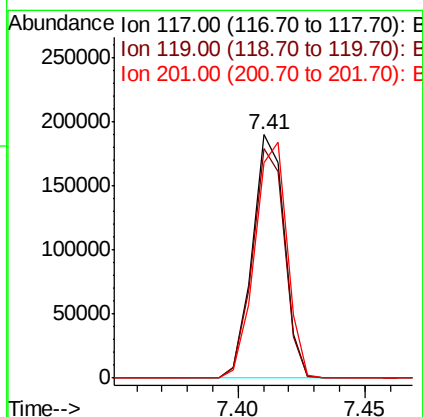
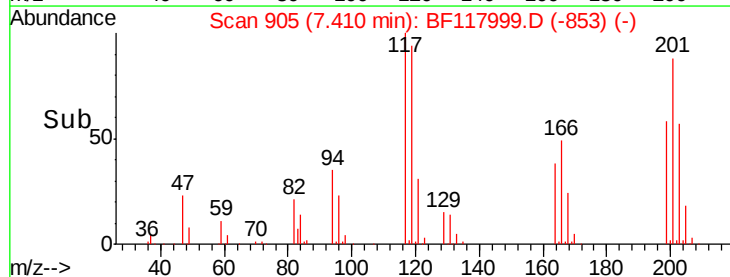
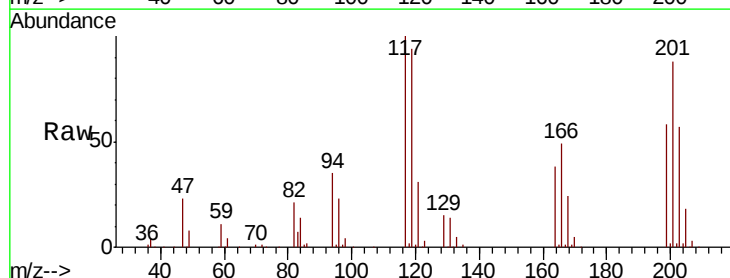
Instrument :
BNA_F
ClientSampleId :

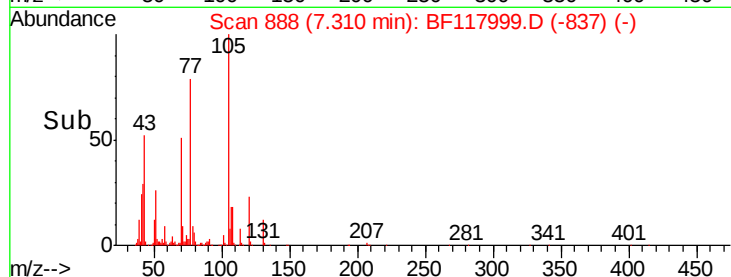
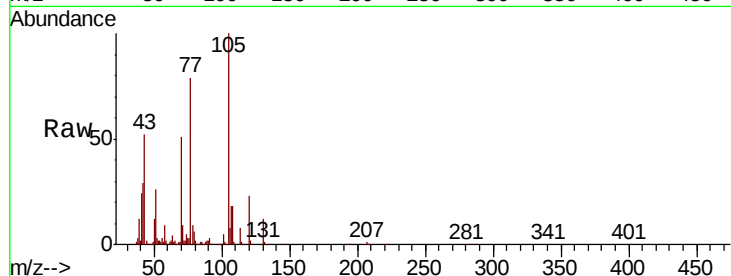
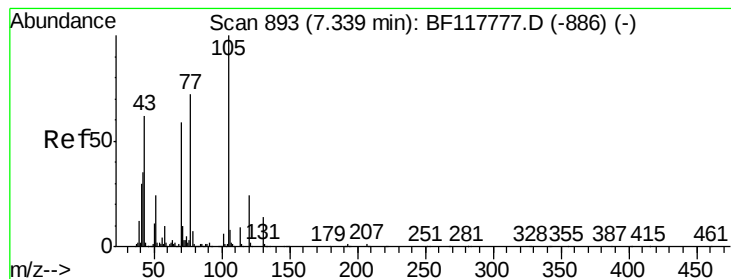
Tot Ion:107 Resp: 314414
Ion Ratio Lower Upper
107 100
108 111.1 89.1 133.7
77 45.1 36.6 54.8
79 44.1 35.2 52.8



#18
Hexachloroethane
Concen: 43.108 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:117 Resp: 167707
Ion Ratio Lower Upper
117 100
119 94.3 78.7 118.1
201 88.4 86.5 129.7





#19

n-Nitroso-di-n-propylamine

Concen: 41.352 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 252358

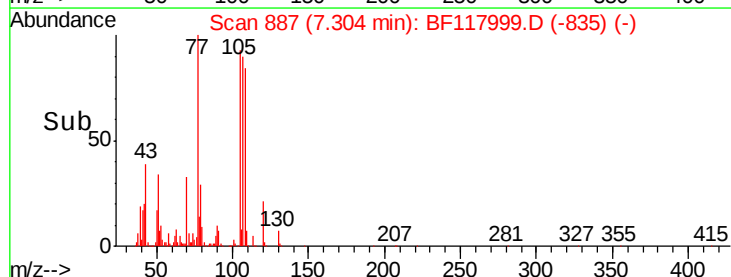
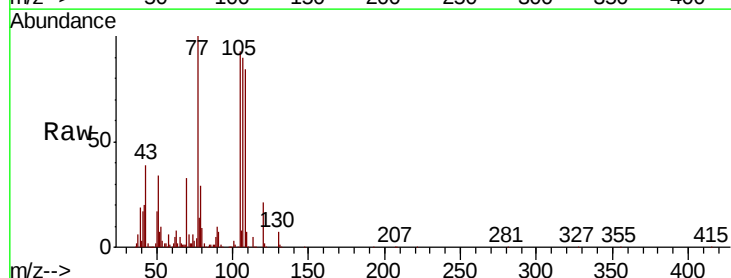
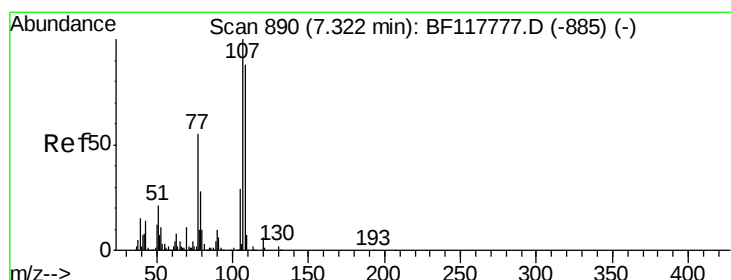
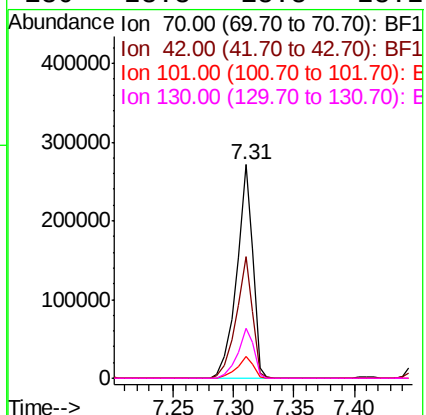
Ion Ratio Lower Upper

70 100

42 56.7 47.4 71.2

101 10.1 8.4 12.6

130 23.3 18.8 28.2



#20

3+4-Methylphenols

Concen: 41.595 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Tgt Ion: 107 Resp: 389129

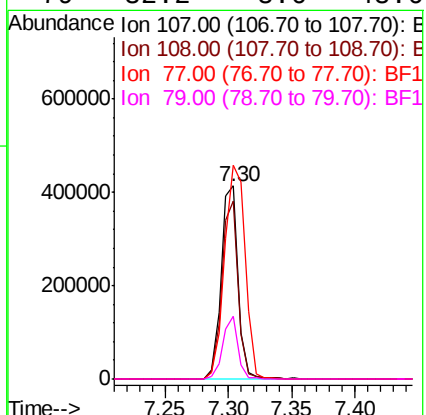
Ion Ratio Lower Upper

107 100

108 92.5 68.4 108.4

77 110.7 35.2 75.2#

79 32.2 8.6 48.6

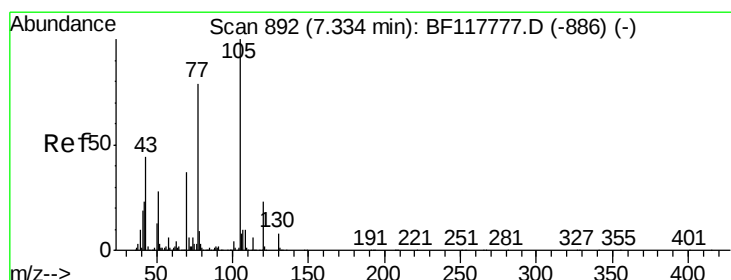
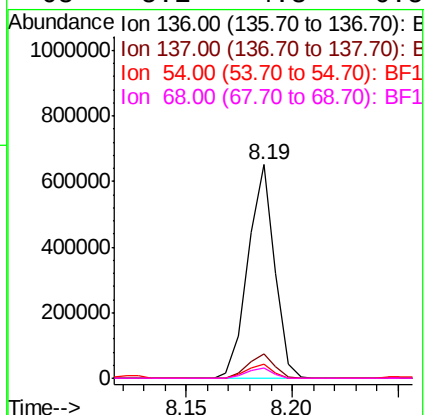
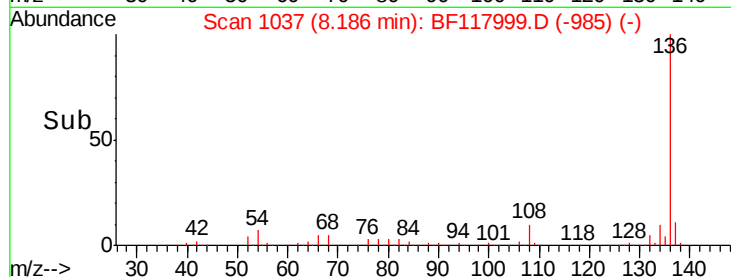
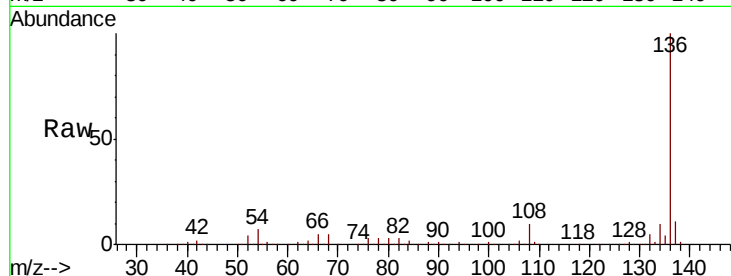




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

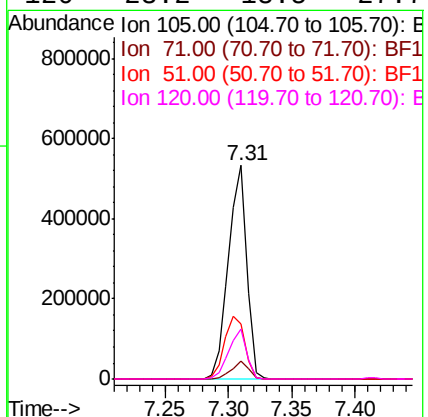
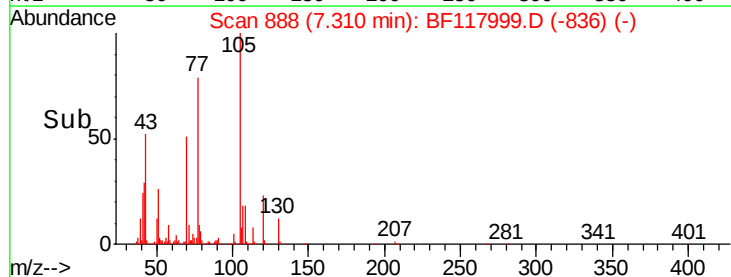
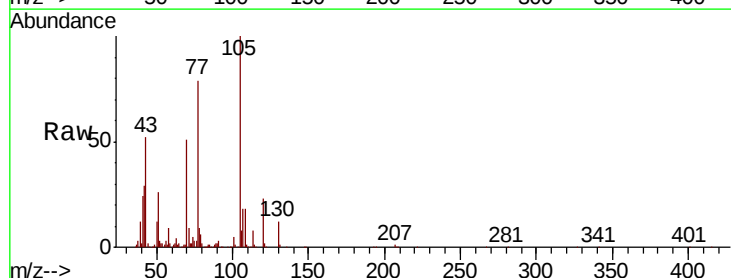
Instrument :
BNA_F
ClientSampled :

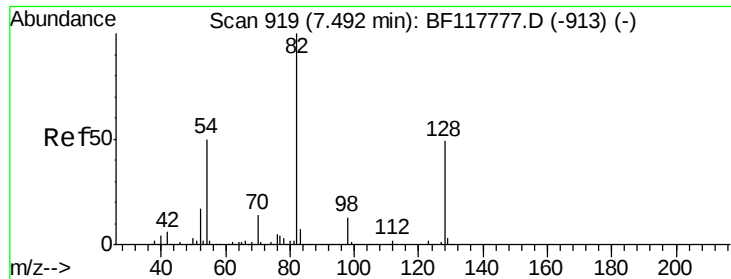
Tot Ion:136	Resp:	568644
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.4
54	6.7	5.4 8.2
68	5.1	4.3 6.5



#22
Acetophenone
Concen: 41.544 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:105	Resp:	530758
Ion Ratio	Lower	Upper
105	100	
71	8.6	4.9 7.3#
51	25.5	22.7 34.1
120	23.2	18.5 27.7

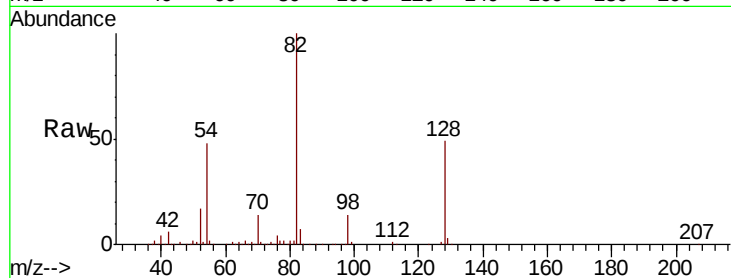




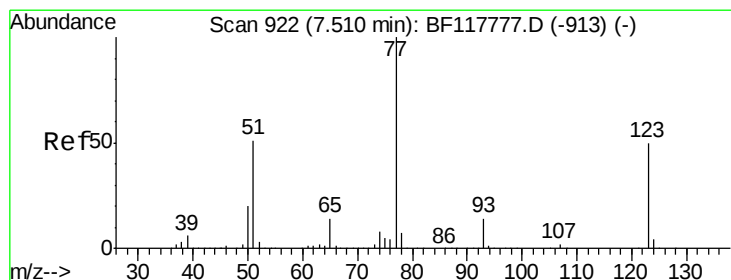
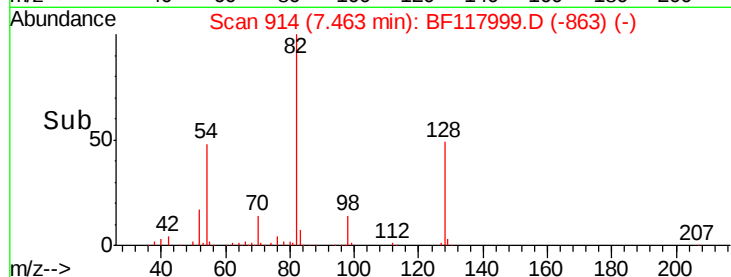
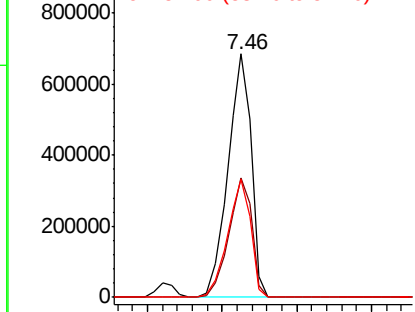
#23
Nitrobenzene-d5
Concen: 78.832 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	754085
Ion Ratio	100	Lower	Upper
128	49.2	38.9	58.3
54	48.3	39.8	59.6

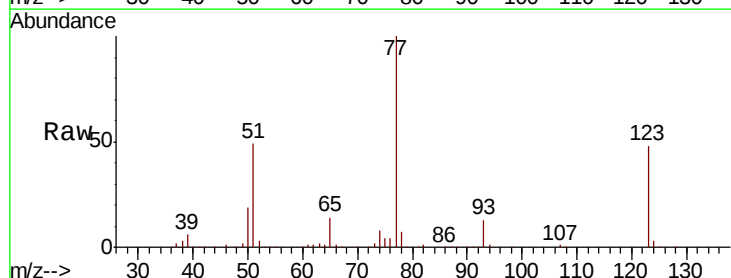


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

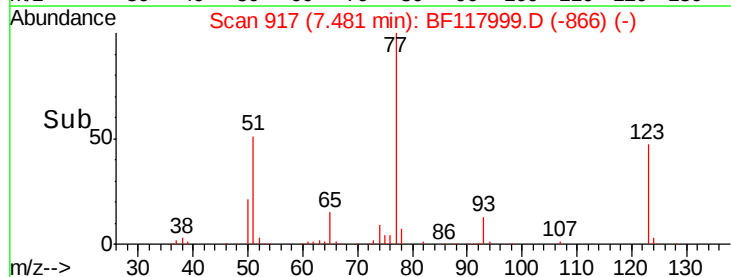
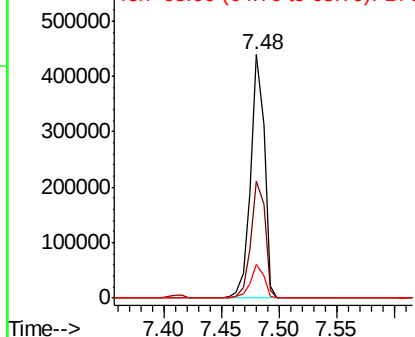


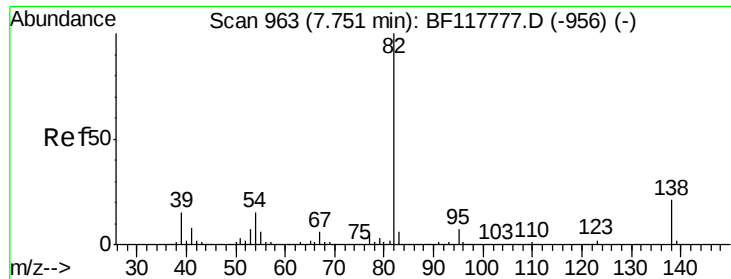
#24
Nitrobenzene
Concen: 36.754 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion	77	Resp	362701
Ion Ratio	100	Lower	Upper
123	48.1	40.3	60.5
65	13.7	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

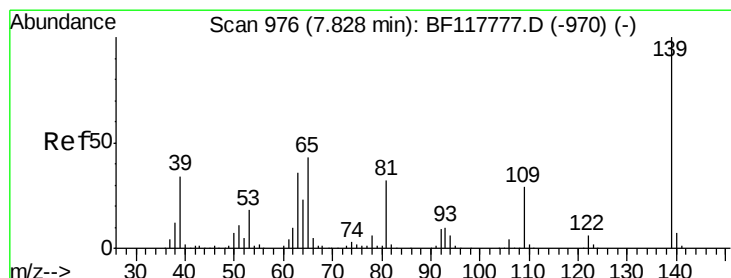
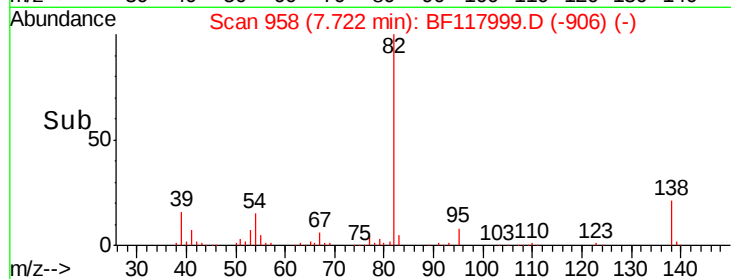
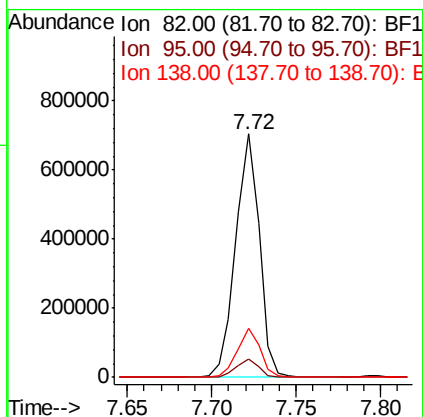
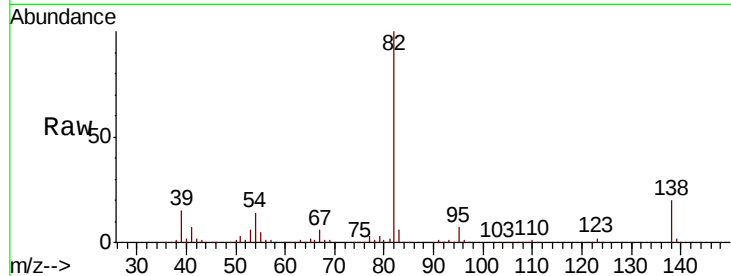




#25
Isophorone
Concen: 39.313 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

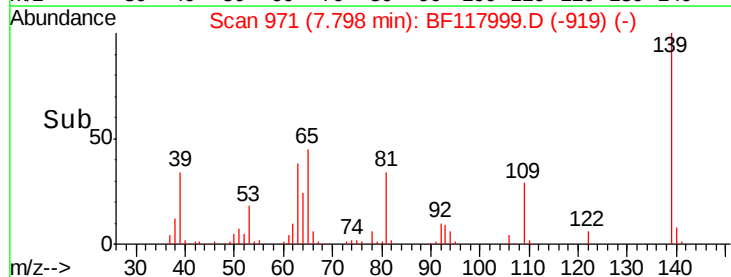
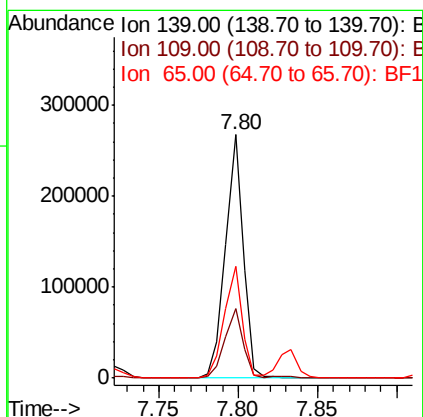
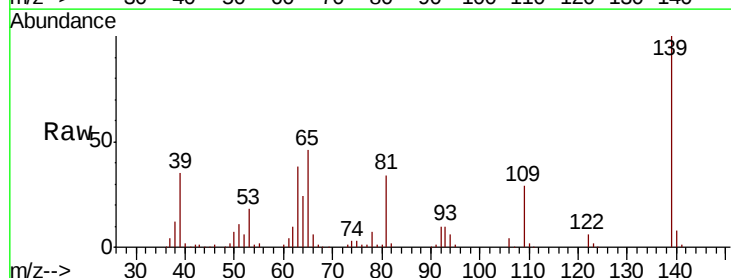
Instrument :
BNA_F
ClientSampleId :

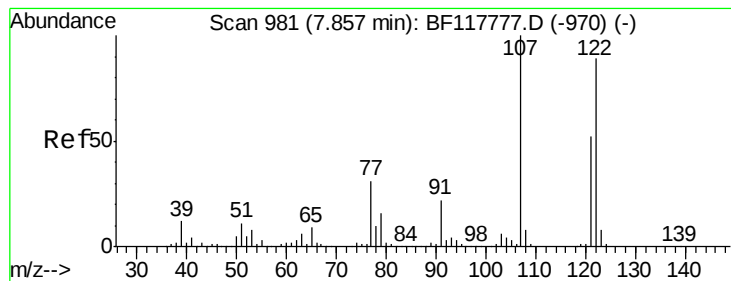
Tot Ion: 82 Resp: 689256
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 19.9 16.5 24.7



#26
2-Nitrophenol
Concen: 43.810 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion: 139 Resp: 210426
Ion Ratio Lower Upper
139 100
109 28.6 23.0 34.4
65 45.8 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 38.368 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

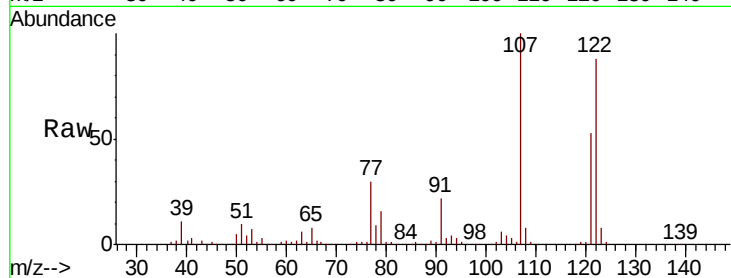
Tot Ion:122 Resp: 286364

Ion Ratio Lower Upper

122 100

107 114.3 90.0 135.0

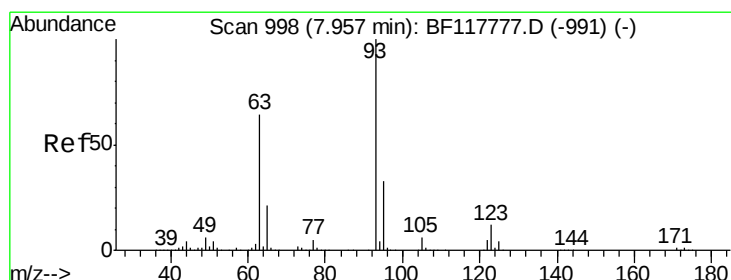
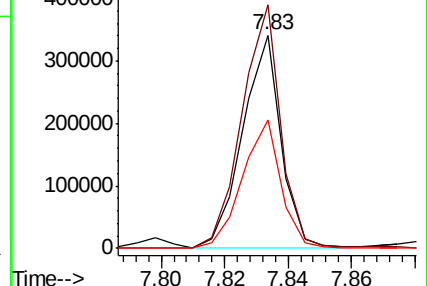
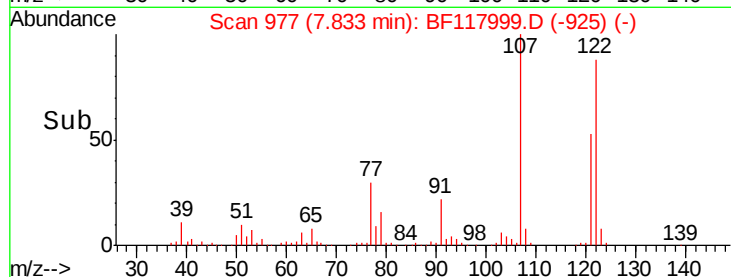
121 60.0 46.7 70.1



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: 40.337 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

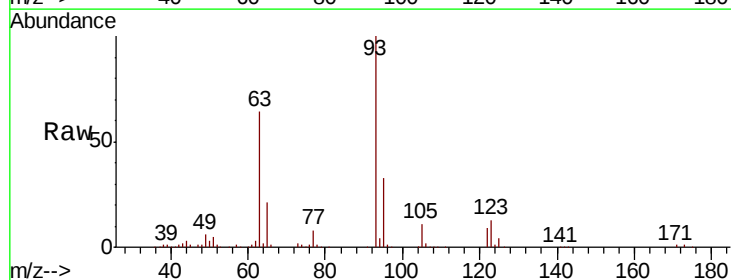
Tgt Ion: 93 Resp: 448774

Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

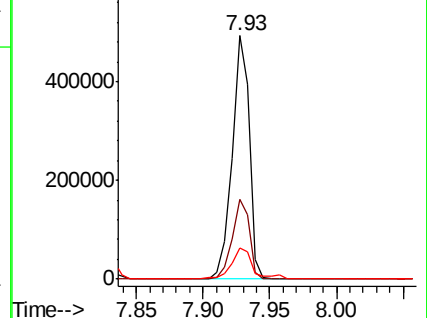
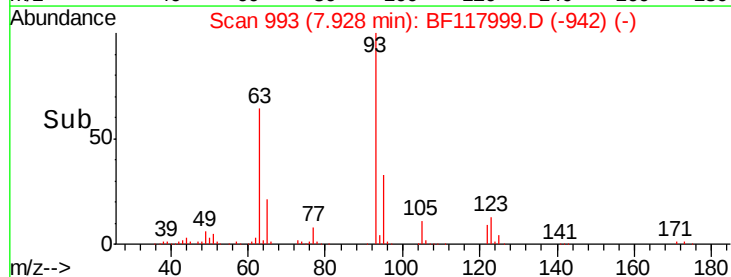
123 12.6 10.3 15.5

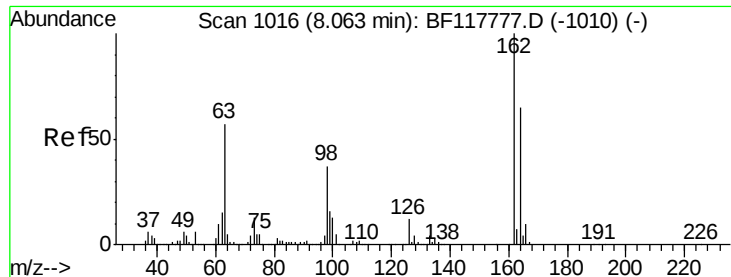


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

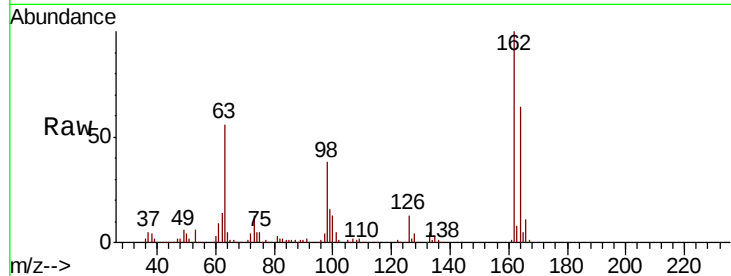




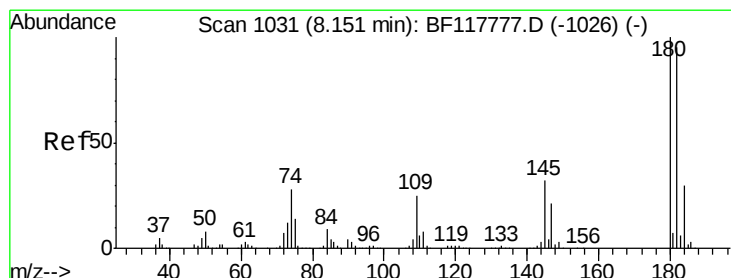
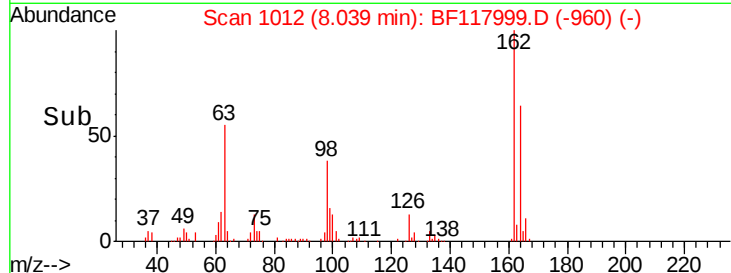
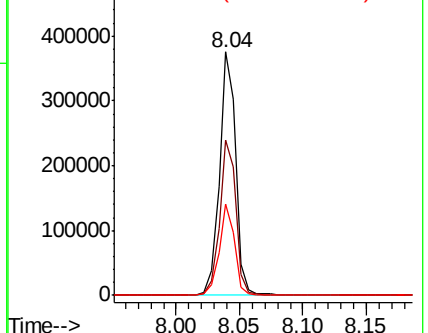
#29
2,4-Dichlorophenol
Concen: 41.804 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 338443
Ion Ratio Lower Upper
162 100
164 63.8 45.1 85.1
98 37.5 17.2 57.2

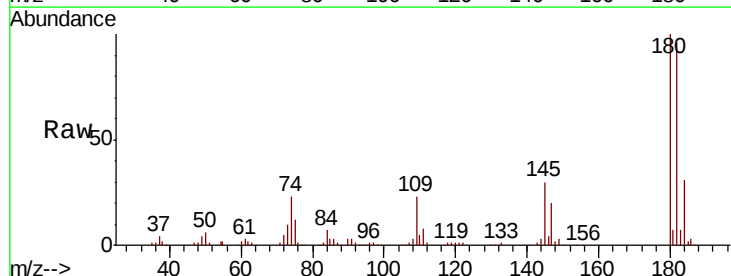


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

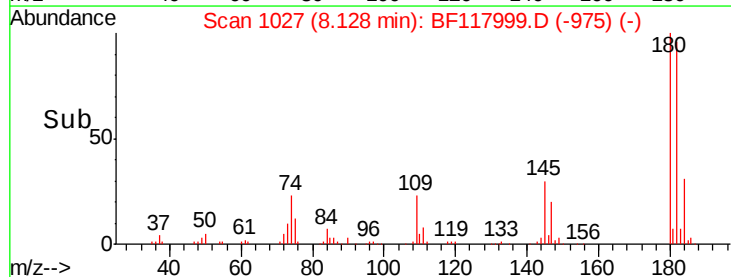
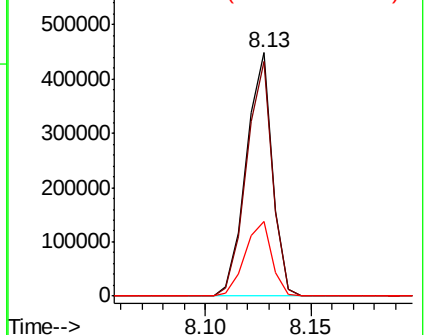


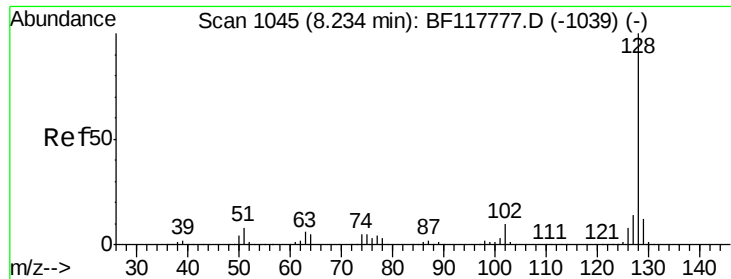
#30
1,2,4-Trichlorobenzene
Concen: 41.033 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:180 Resp: 385332
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
145 30.5 25.5 38.3



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

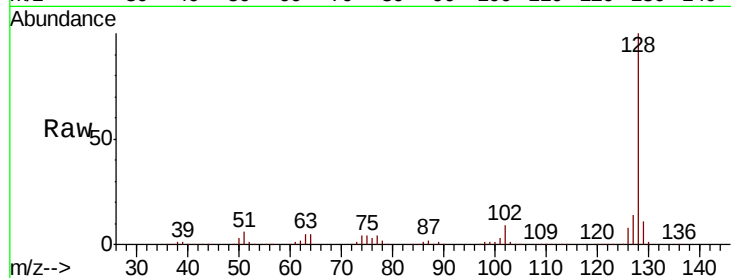




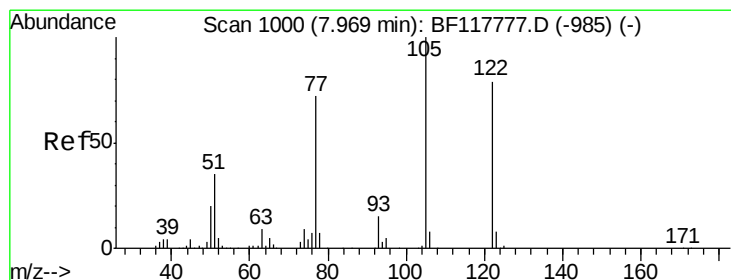
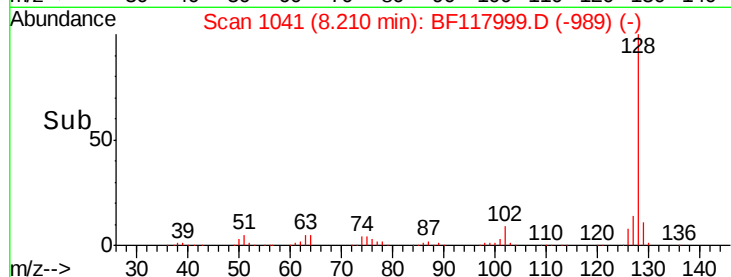
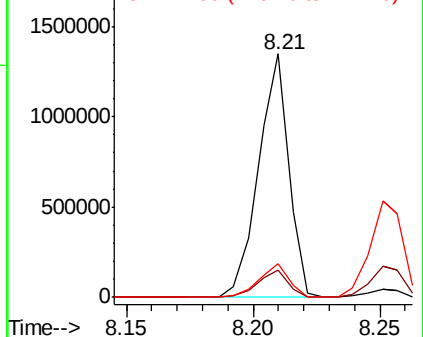
#31
Naphthalene
Concen: 42.467 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1125777
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.7 11.3 16.9

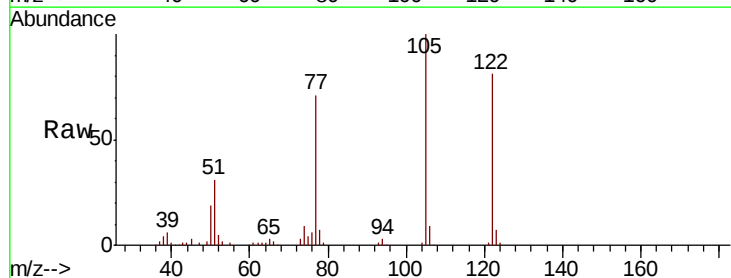


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

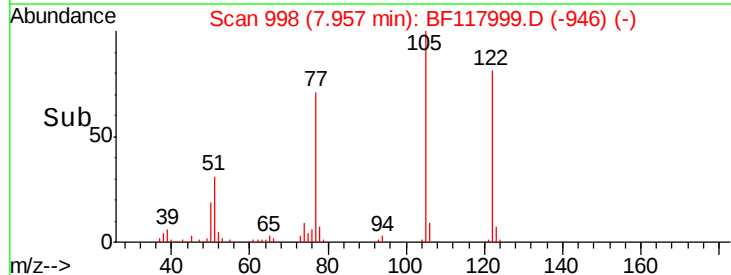
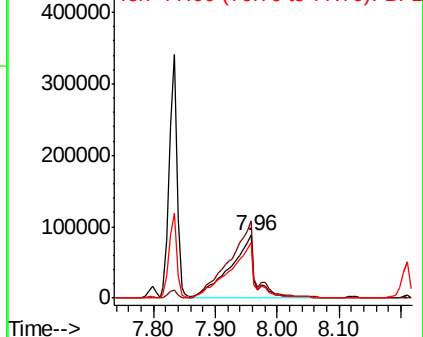


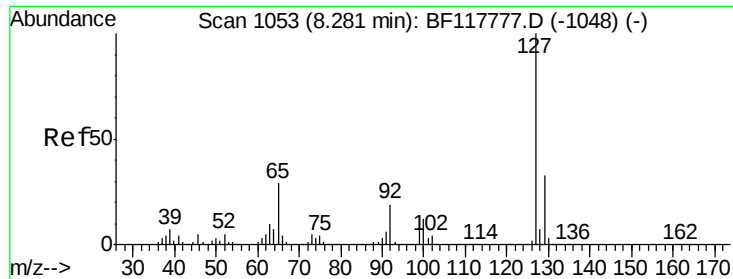
#32
Benzoic acid
Concen: 41.051 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:122 Resp: 256542
Ion Ratio Lower Upper
122 100
105 123.5 102.7 142.7
77 87.3 70.5 110.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

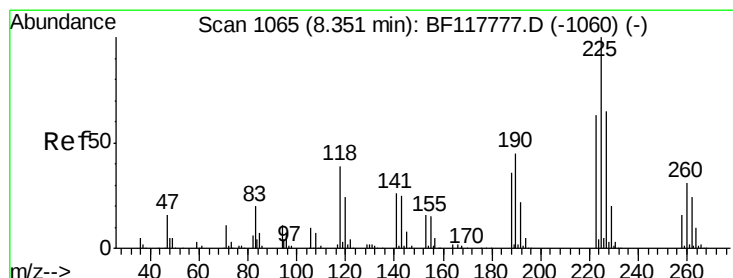
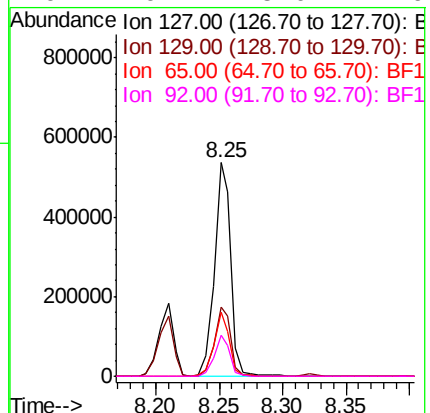
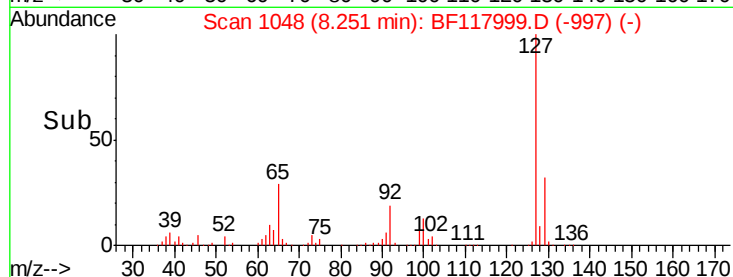
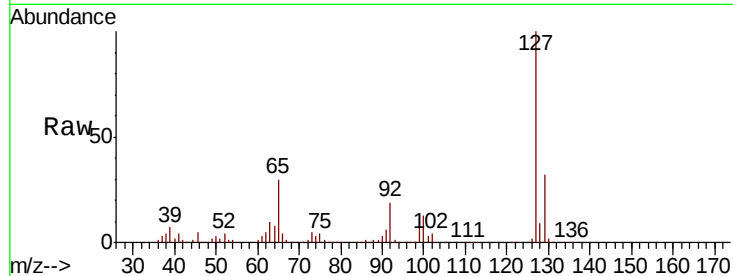




#33
4-Chloroaniline
Concen: 41.174 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

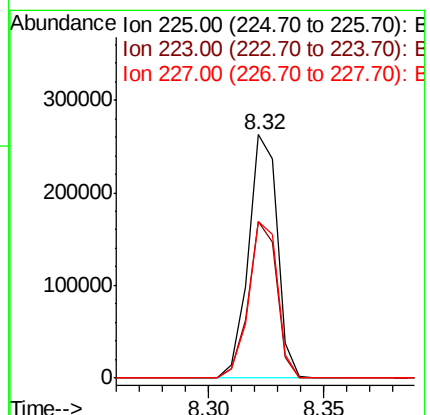
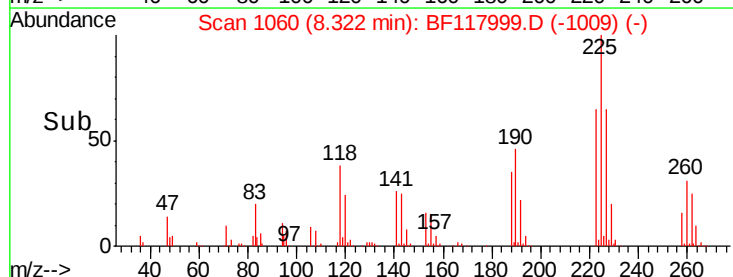
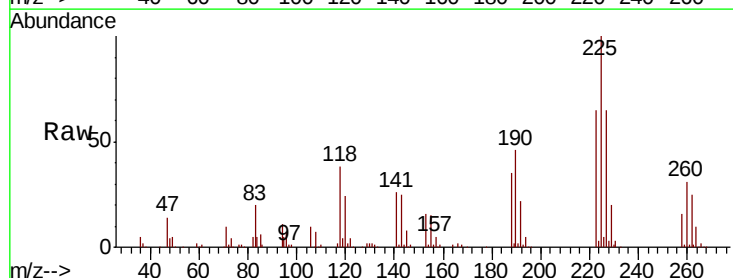
Instrument :
BNA_F
ClientSampleId :

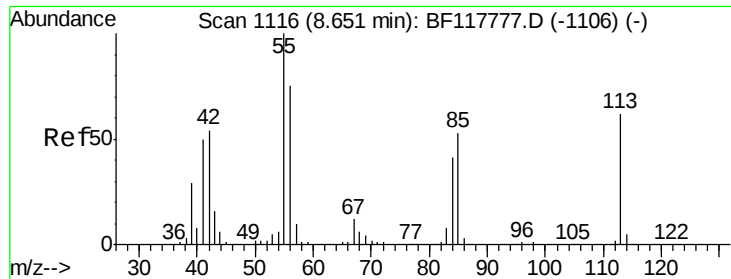
Tot Ion:	127	Resp:	488648
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.5	39.7
65	29.9	22.9	34.3
92	19.4	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.011 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:	225	Resp:	230658
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.0	75.0
227	64.5	51.8	77.6

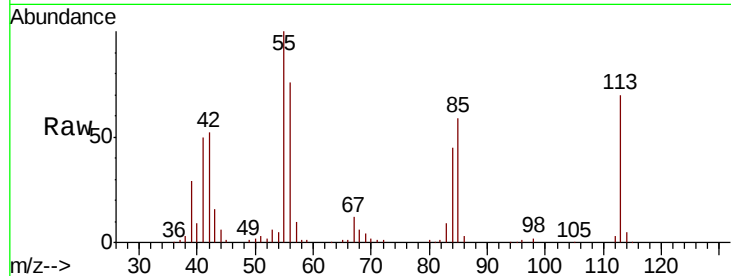




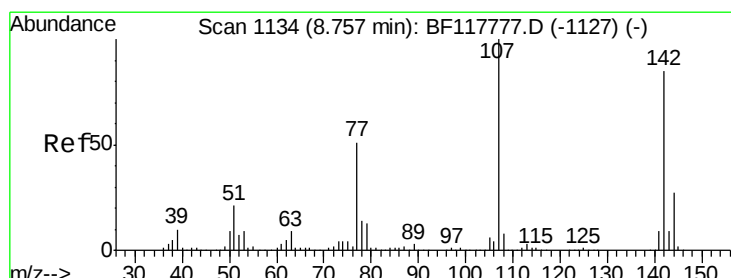
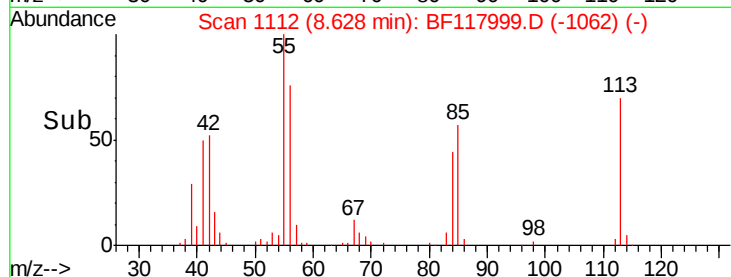
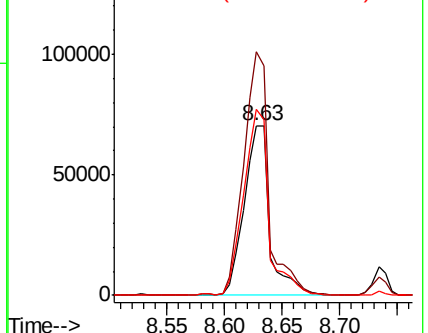
#35
 Caprolactam
 Concen: 41.725 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 107359
 Ion Ratio Lower Upper
 113 100
 55 143.7 141.1 181.1
 56 109.8 100.5 140.5

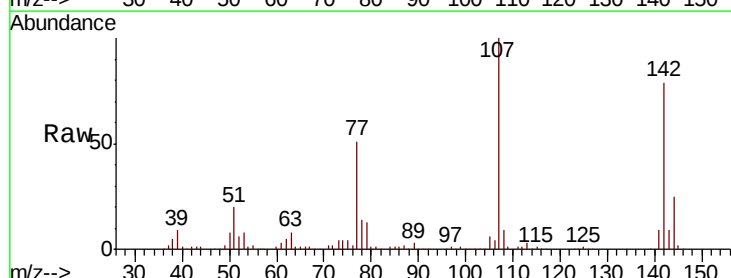


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

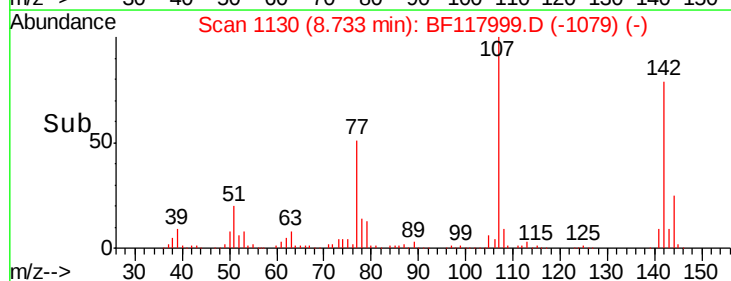
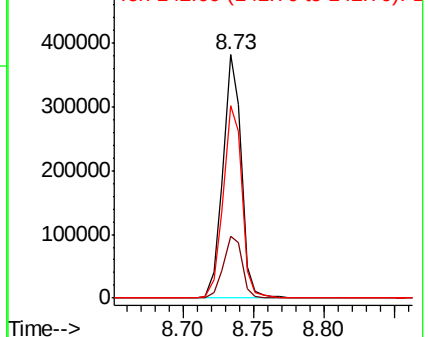


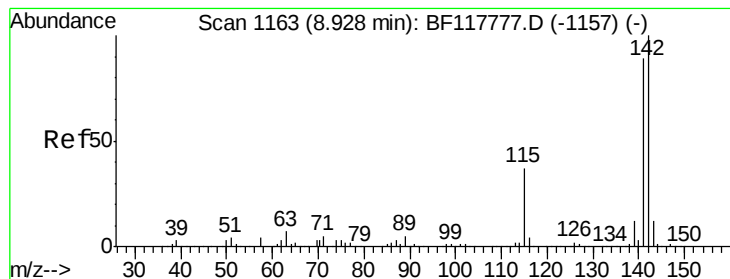
#36
 4-Chloro-3-methylphenol
 Concen: 42.111 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion:107 Resp: 345998
 Ion Ratio Lower Upper
 107 100
 144 25.4 21.9 32.9
 142 79.0 67.7 101.5



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: 42.695 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

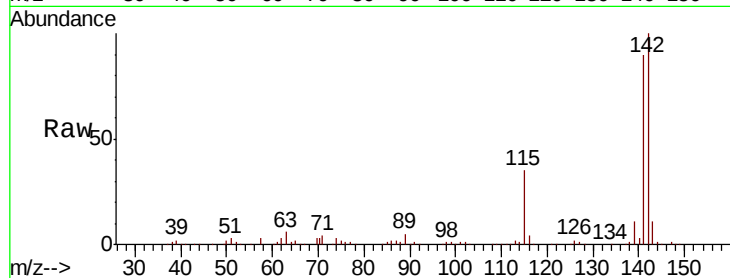
Tot Ion:142 Resp: 764737

Ion Ratio Lower Upper

142 100

141 90.3 71.1 106.7

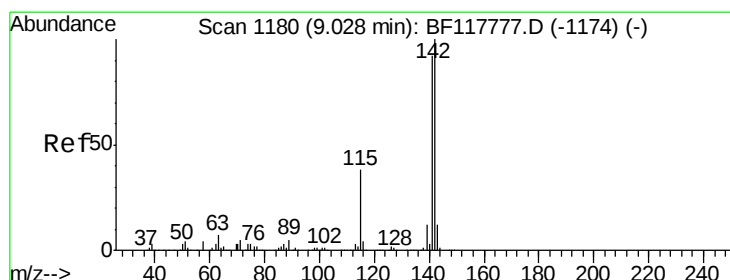
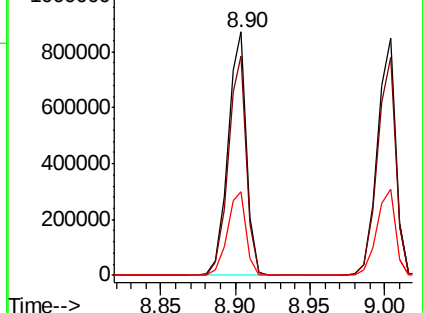
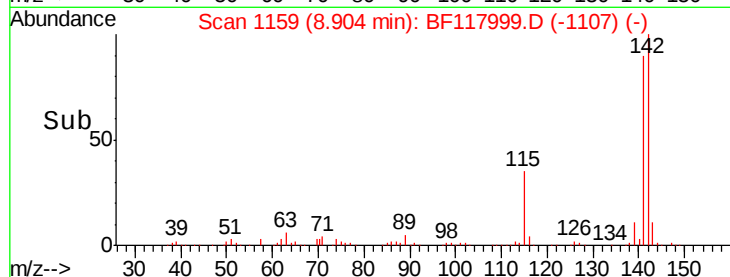
115 34.6 29.2 43.8



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: 42.001 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

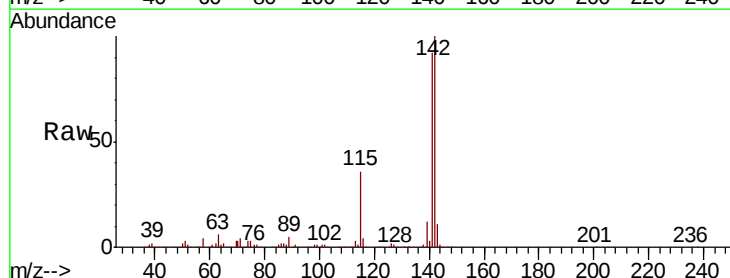
Tgt Ion:142 Resp: 711230

Ion Ratio Lower Upper

142 100

141 91.8 73.5 110.3

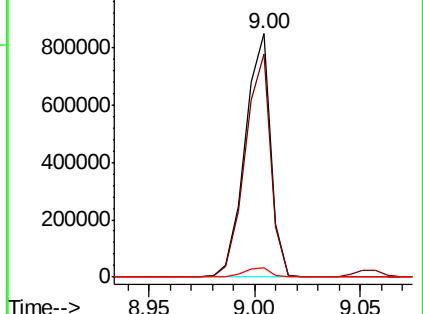
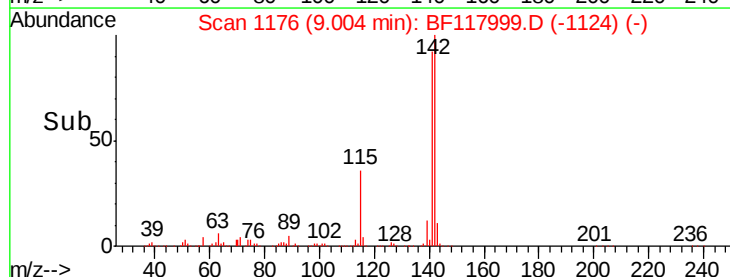
116 3.8 3.2 4.8



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

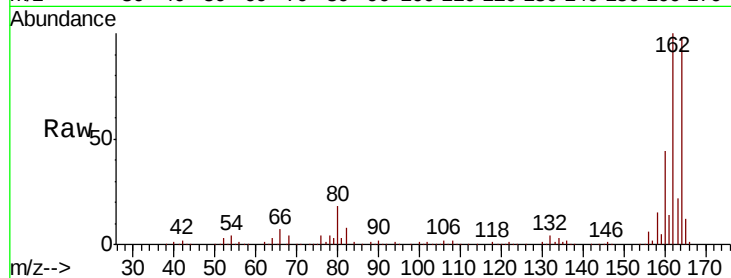




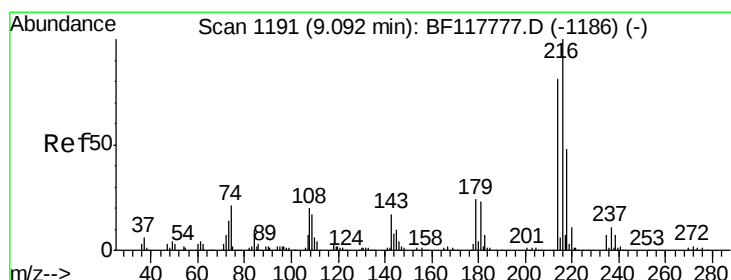
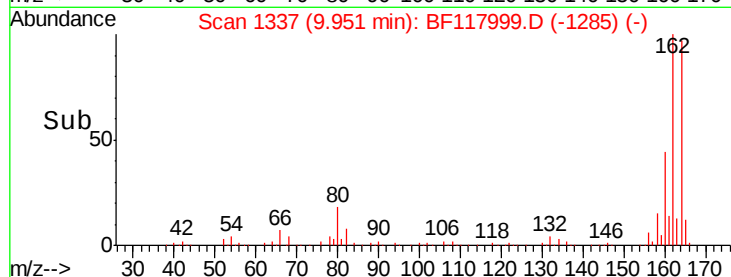
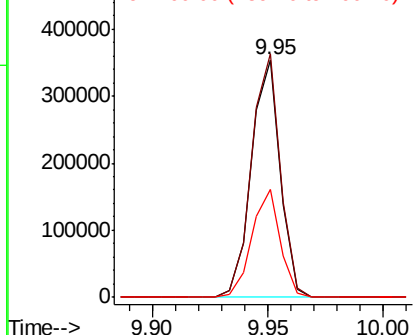
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.6	36.6	55.0



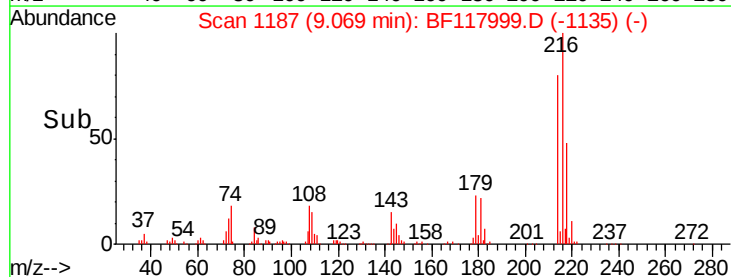
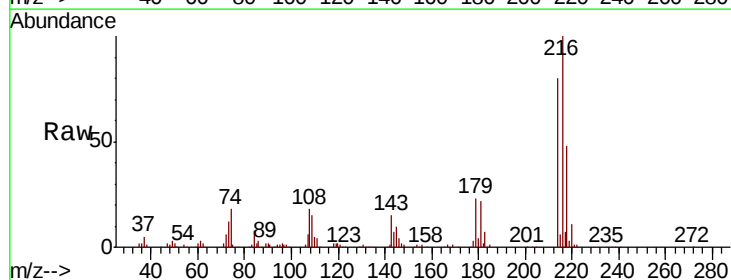
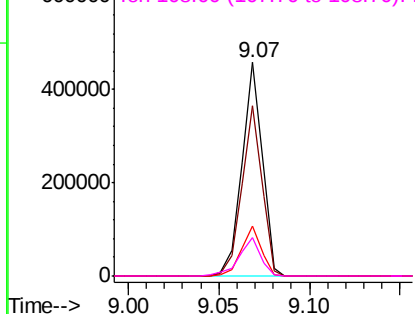
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

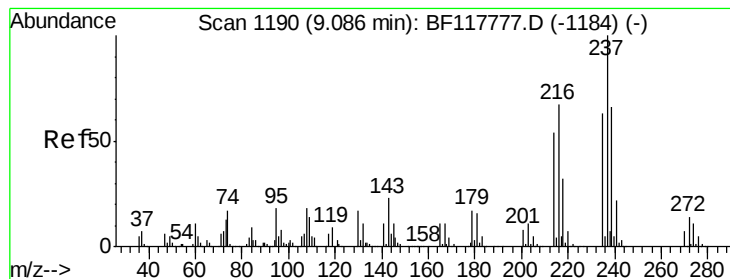


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.709 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	23.0	18.2	27.4
108	19.3	16.0	24.0

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: 35.838 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

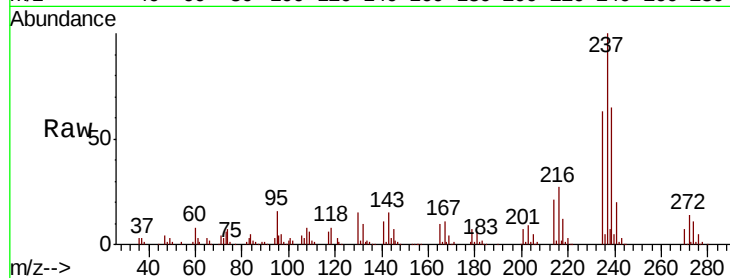
Tot Ion:237 Resp: 180323

Ion Ratio Lower Upper

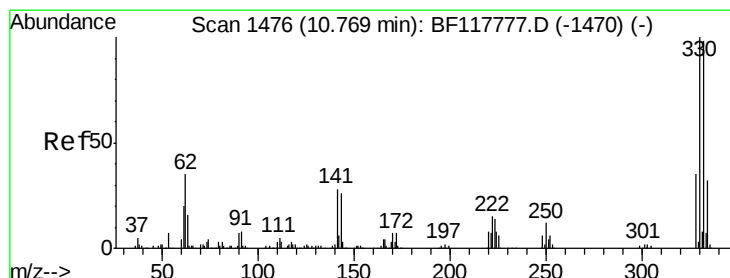
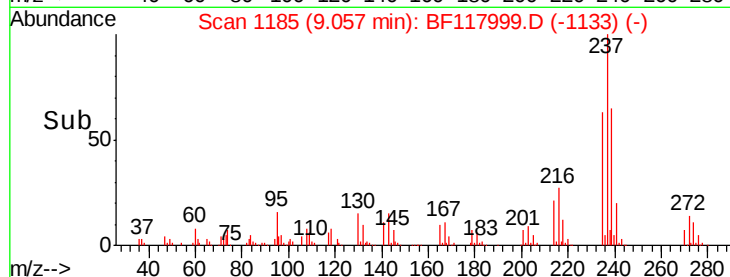
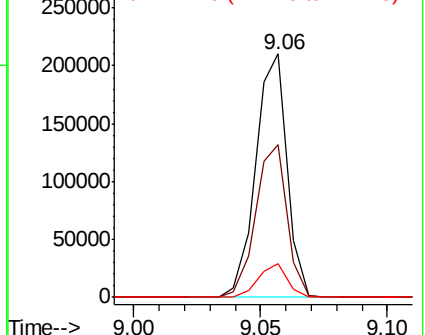
237 100

235 62.5 42.6 82.6

272 13.7 0.0 34.3



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: 86.566 ng

RT: 10.75 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

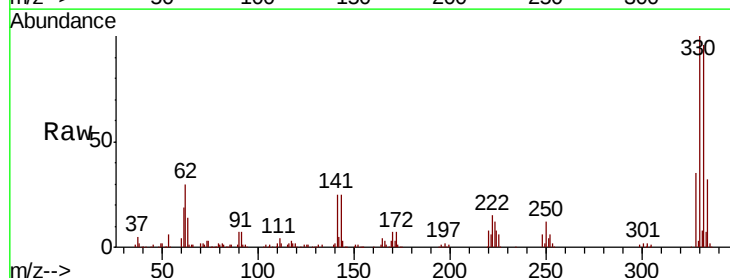
Tgt Ion:330 Resp: 283346

Ion Ratio Lower Upper

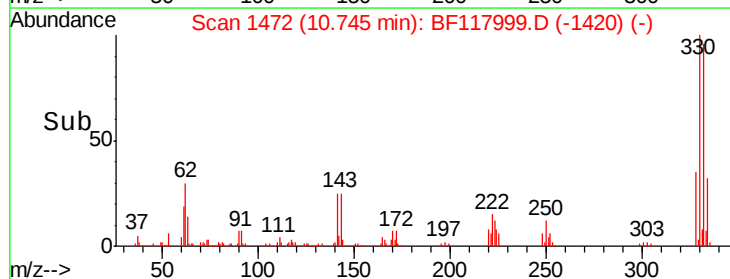
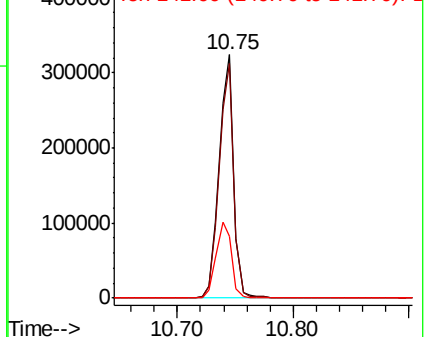
330 100

332 96.4 76.7 115.1

141 33.0 27.7 41.5



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

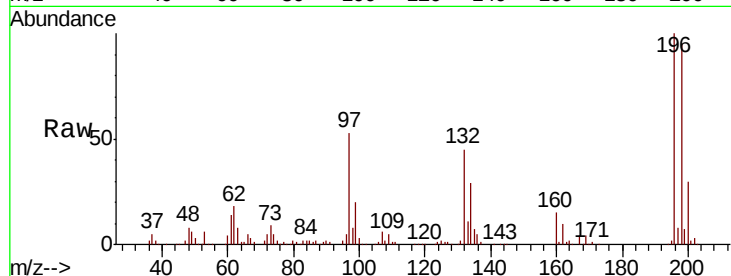




#43
 2,4,6-Trichlorophenol
 Concen: 33.931 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	77.8	116.6
200	29.7	25.4	38.0

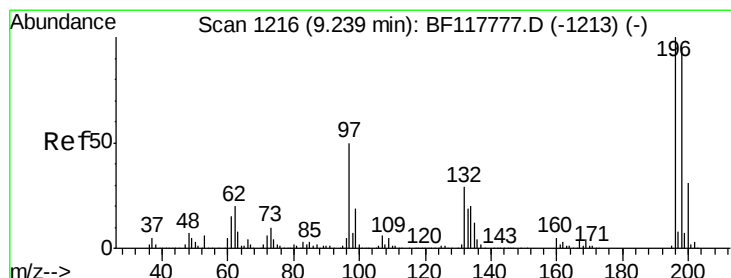
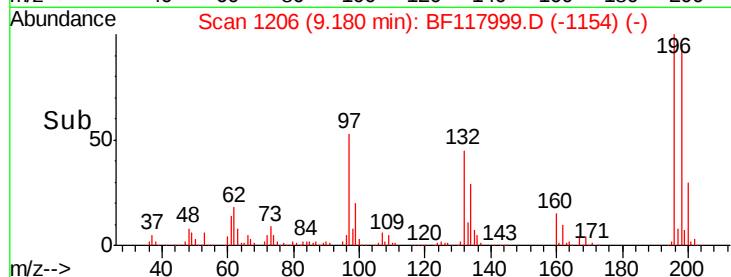
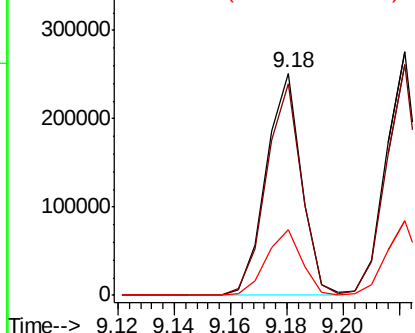


Abundance

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: 34.072 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
97	46.7	40.0	60.0
132	29.1	23.6	35.4

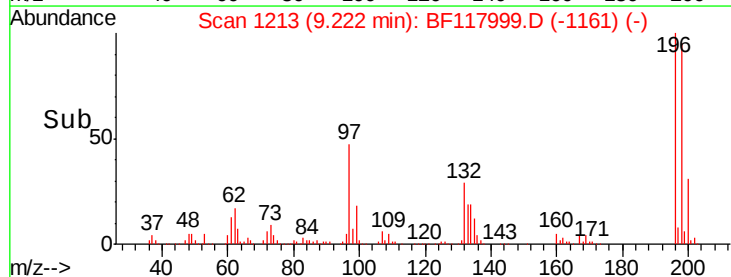
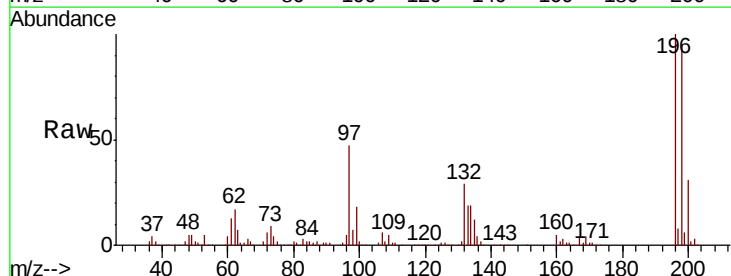
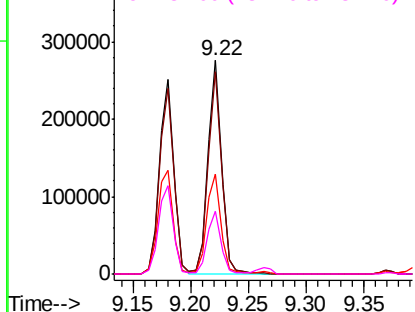
Abundance

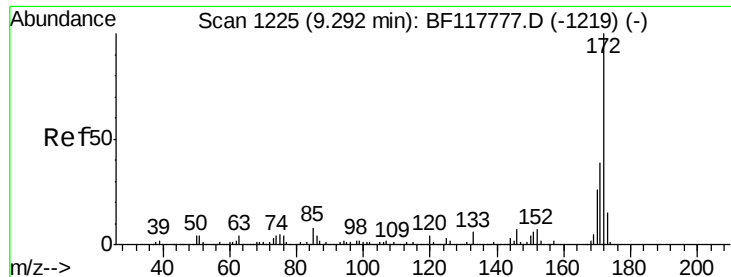
Ion 196.00 (195.70 to 196.70): E

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

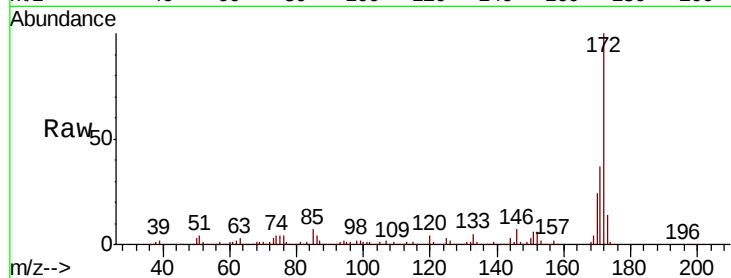




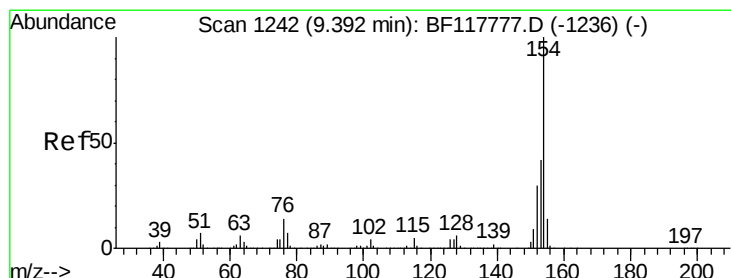
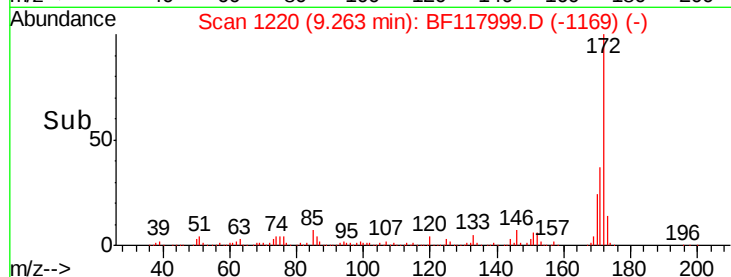
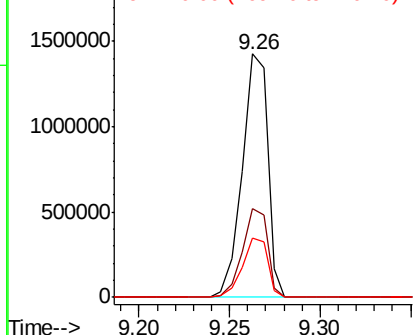
#45
2-Fluorobiphenyl
Concen: 80.805 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1392550
Ion Ratio Lower Upper
172 100
171 36.6 30.9 46.3
170 24.1 21.0 31.4

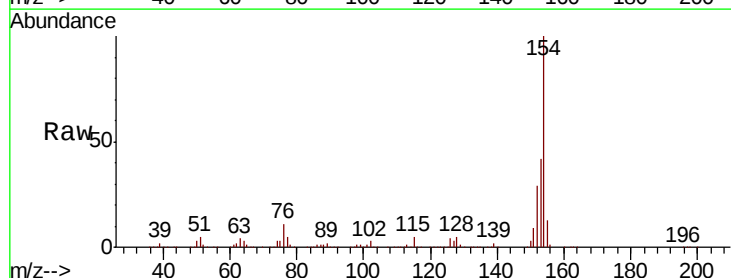


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

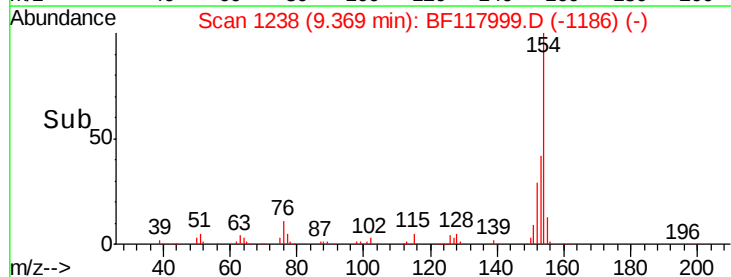
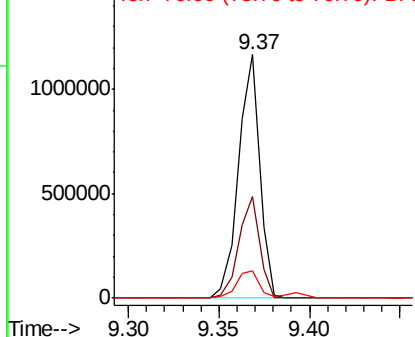


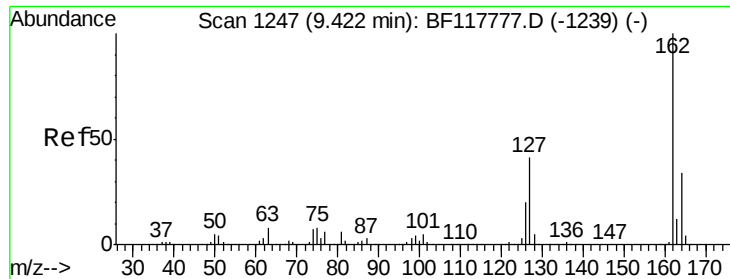
#46
1,1'-Biphenyl
Concen: 41.253 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:154 Resp: 946254
Ion Ratio Lower Upper
154 100
153 41.8 21.9 61.9
76 11.4 0.0 33.6



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

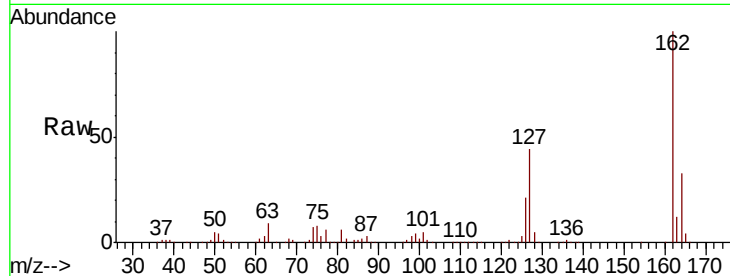




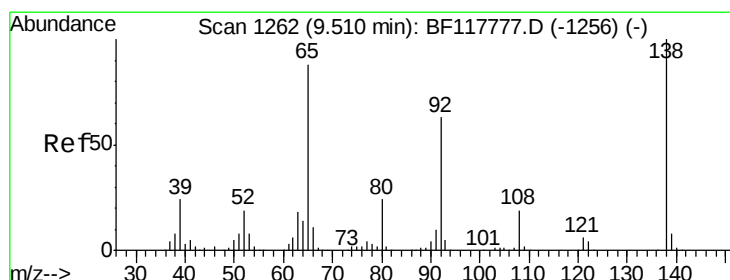
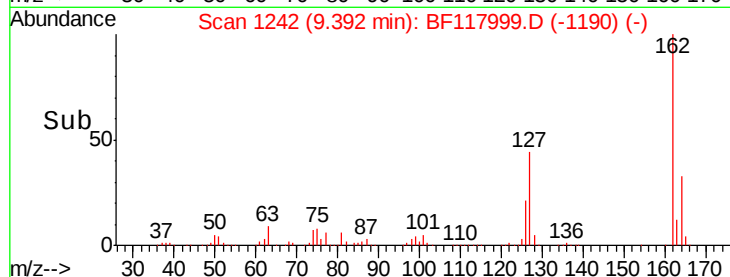
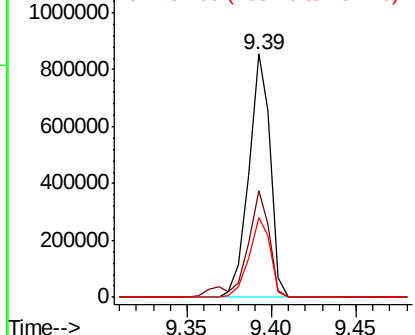
#47
 2-Chloronaphthalene
 Concen: 40.223 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 759001
 Ion Ratio Lower Upper
 162 100
 127 43.6 33.2 49.8
 164 32.6 27.3 40.9

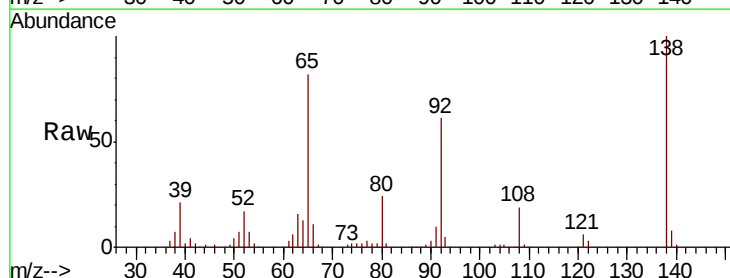


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

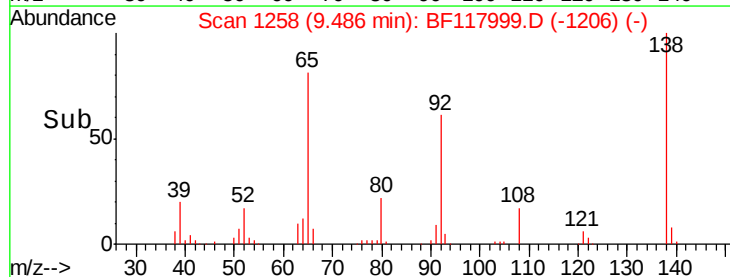
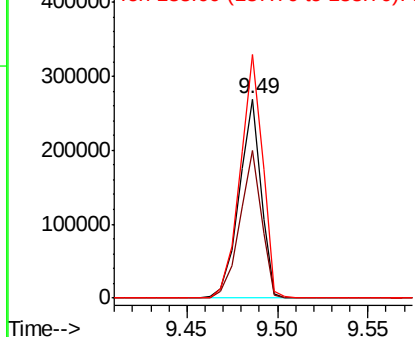


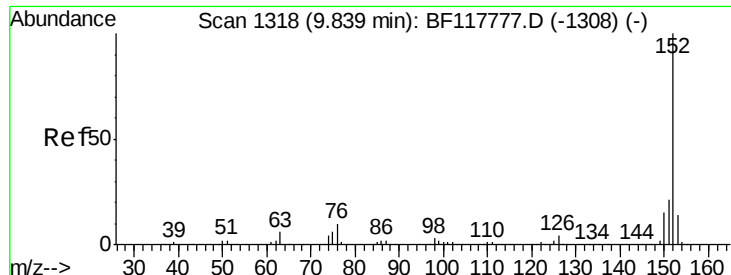
#48
 2-Nitroaniline
 Concen: 39.523 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion: 65 Resp: 225159
 Ion Ratio Lower Upper
 65 100
 92 74.2 56.6 84.8
 138 122.4 90.5 135.7



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





#49

Acenaphthylene

Concen: 41.979 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

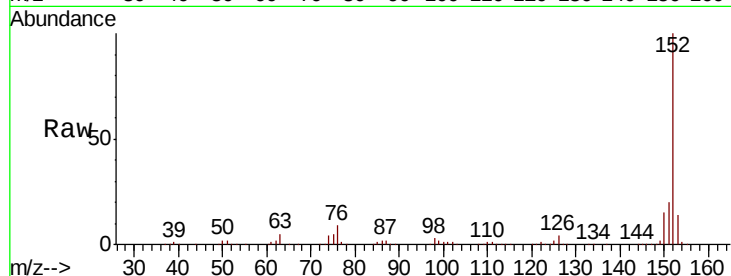
Tot Ion:152 Resp: 1154888

Ion Ratio Lower Upper

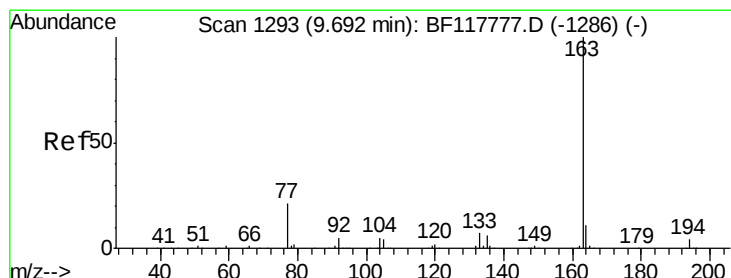
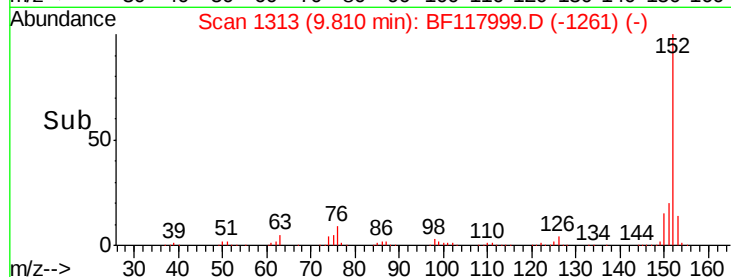
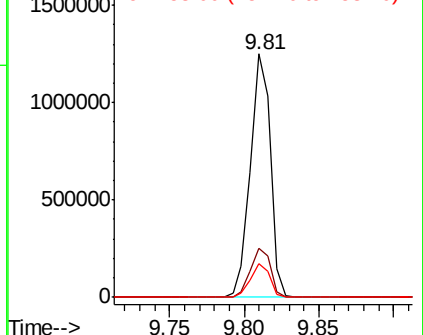
152 100

151 20.4 17.0 25.6

153 13.7 11.0 16.6



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: 37.944 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

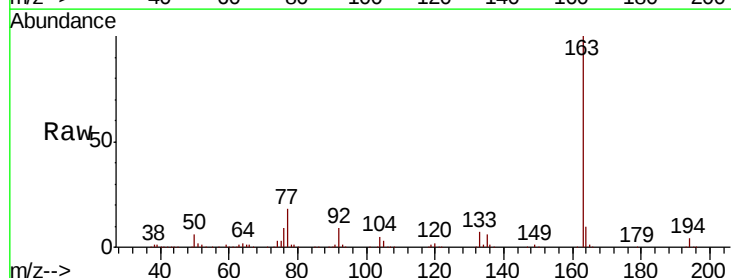
Tgt Ion:163 Resp: 822639

Ion Ratio Lower Upper

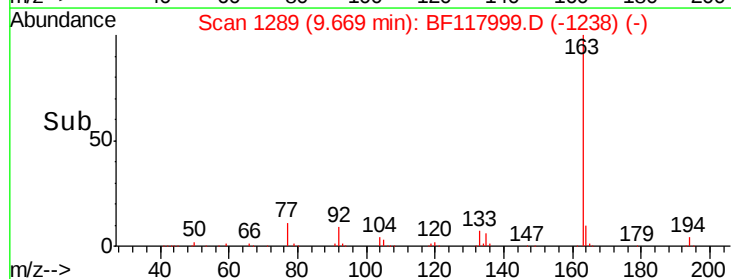
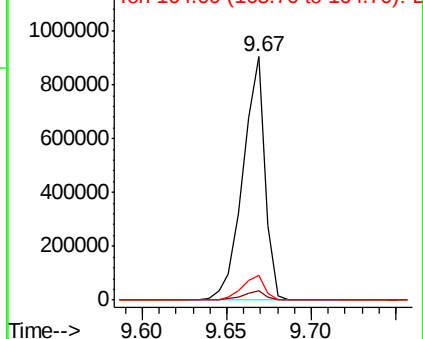
163 100

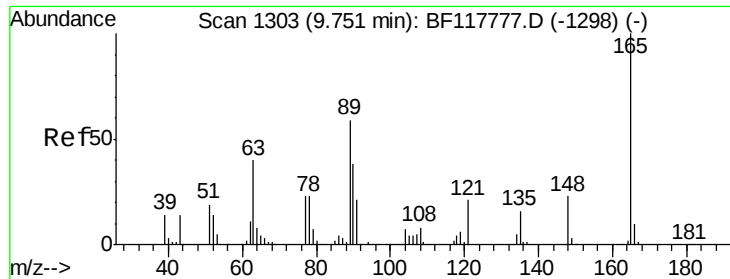
194 4.0 3.3 4.9

164 9.9 8.7 13.1



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

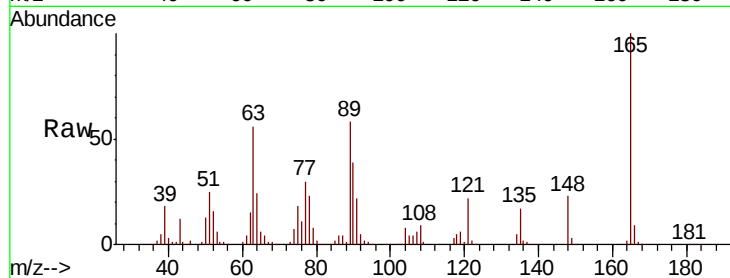




#51
 2,6-Dinitrotoluene
 Concen: 41.301 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.5	46.0	69.0
89	57.5	47.7	71.5

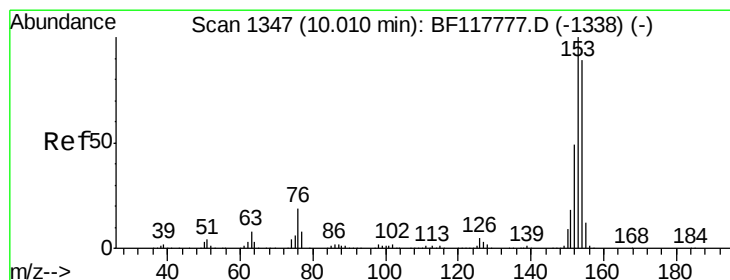
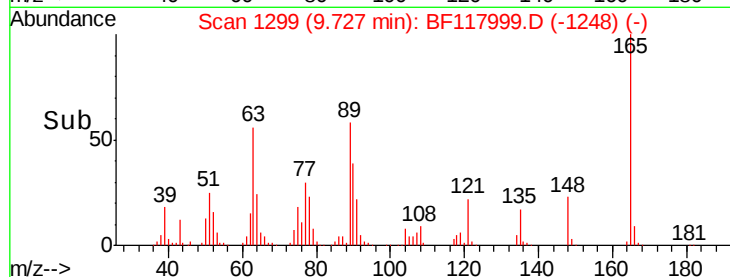
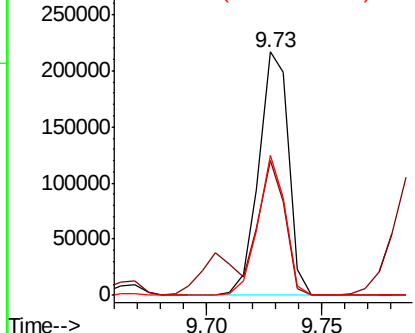


Abundance

Ion 165.00 (164.70 to 165.70): E

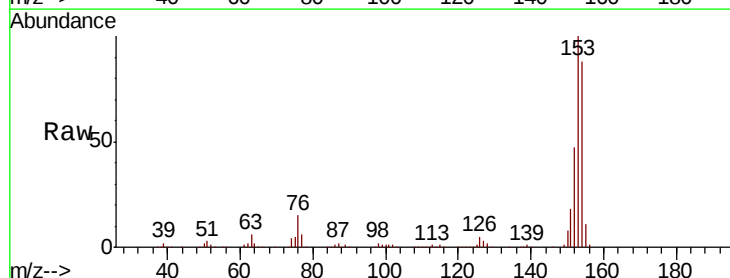
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
 Acenaphthene
 Concen: 42.186 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	53.7	44.0	66.0

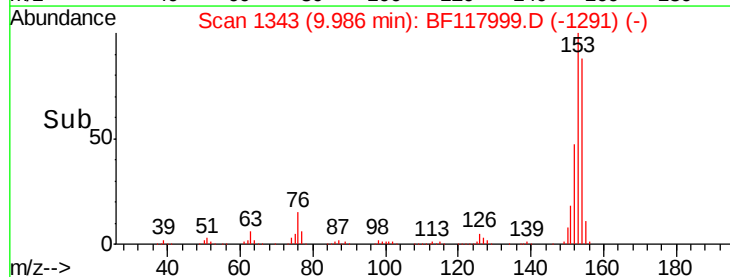
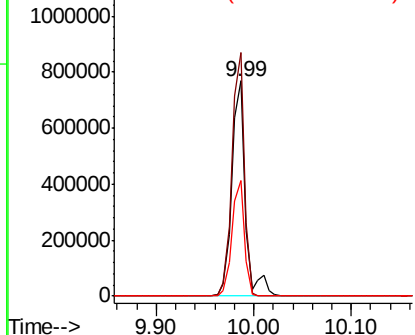


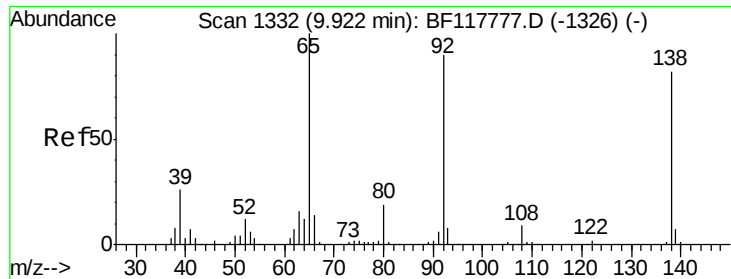
Abundance

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

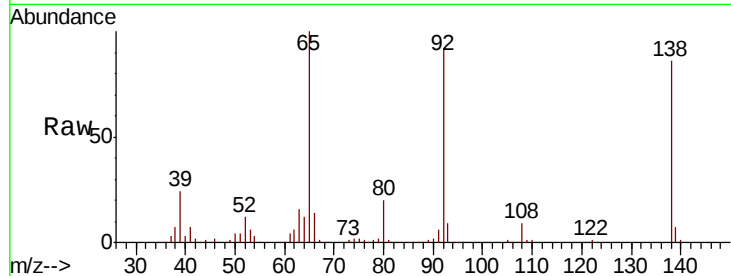




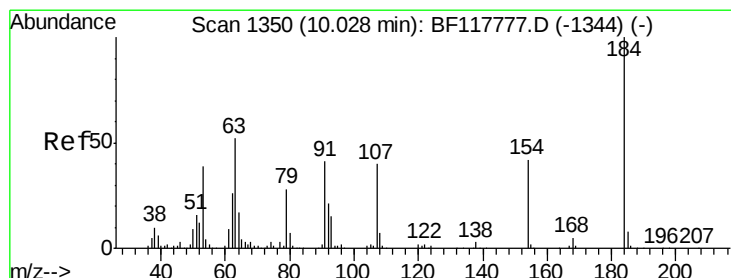
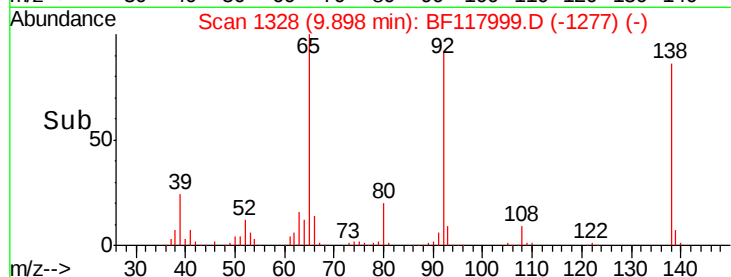
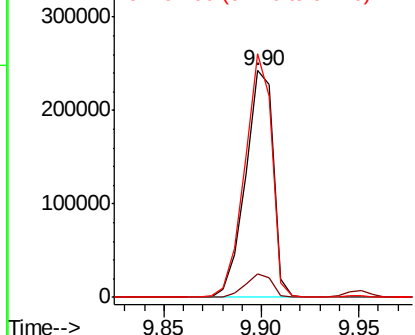
#53
3-Nitroaniline
Concen: 42.299 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 239826
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 107.5 87.9 131.9

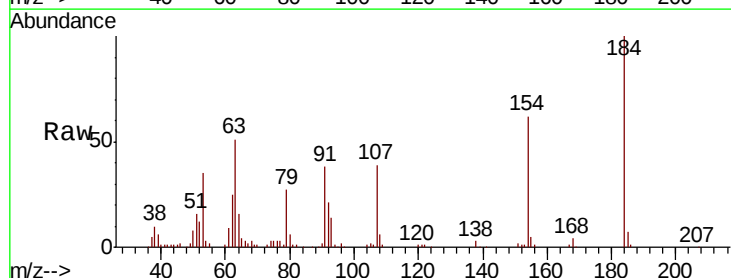


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

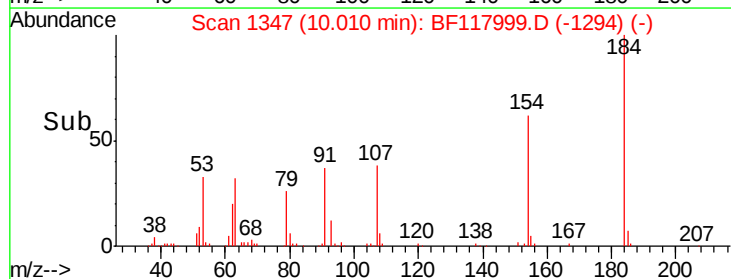
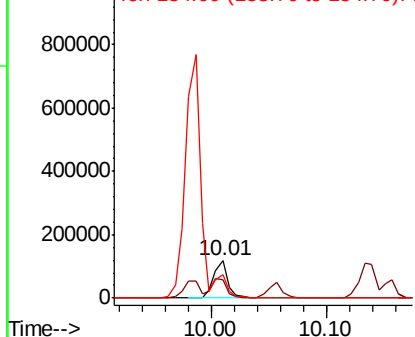


#54
2,4-Dinitrophenol
Concen: 45.508 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:184 Resp: 102460
Ion Ratio Lower Upper
184 100
63 50.8 43.0 64.6
154 62.4 48.0 72.0



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

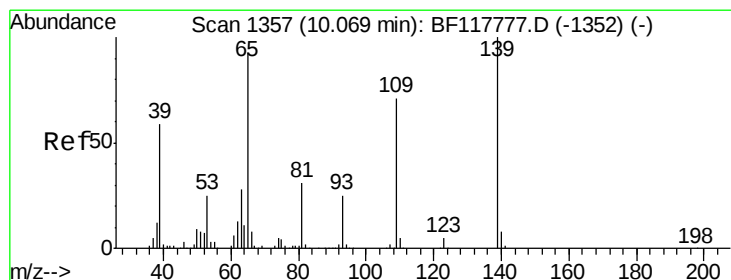
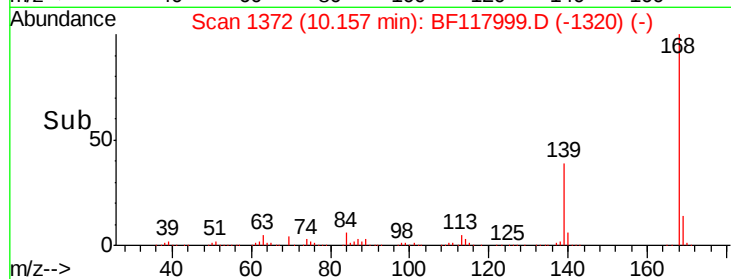
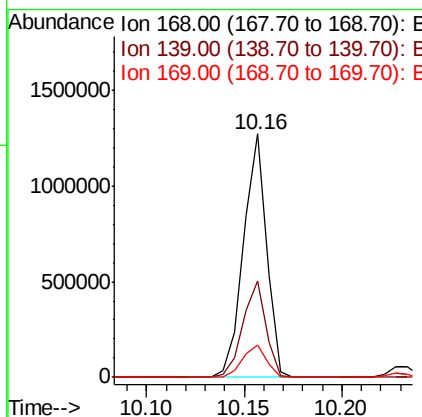
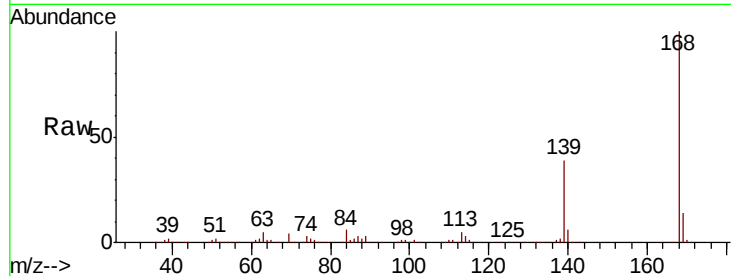




#55
Dibenzenofuran
Concen: 42.679 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

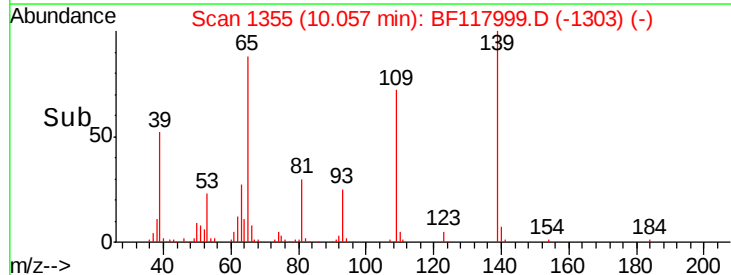
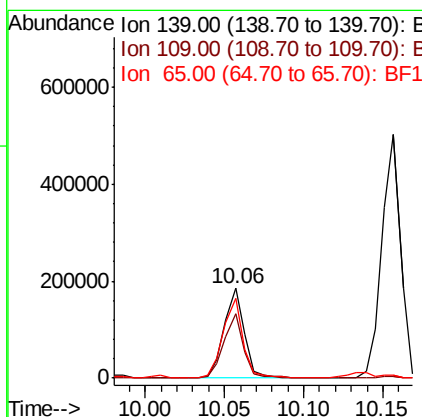
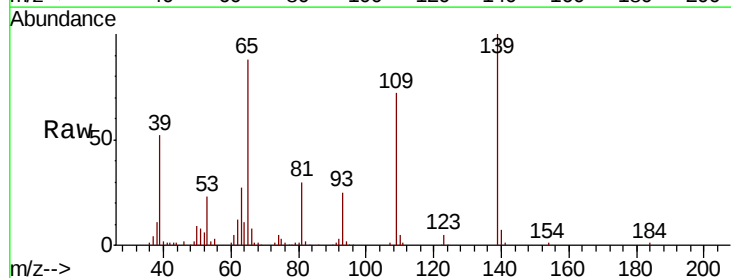
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1041546
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.5 11.5 17.3



#56
4-Nitrophenol
Concen: 39.375 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:139 Resp: 166642
Ion Ratio Lower Upper
139 100
109 72.2 50.8 90.8
65 88.2 73.6 113.6

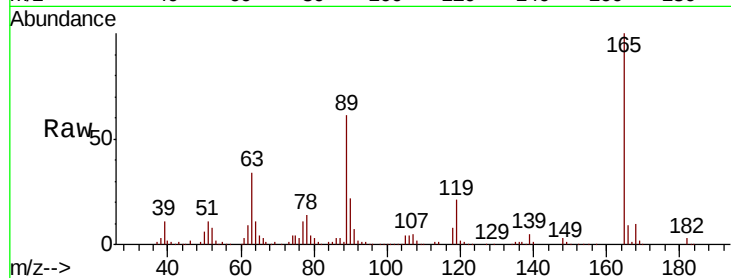




#57
2,4-Dinitrotoluene
Concen: 44.313 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	34.0	33.7	50.5
89	60.8	57.3	85.9
182	2.8	2.3	3.5



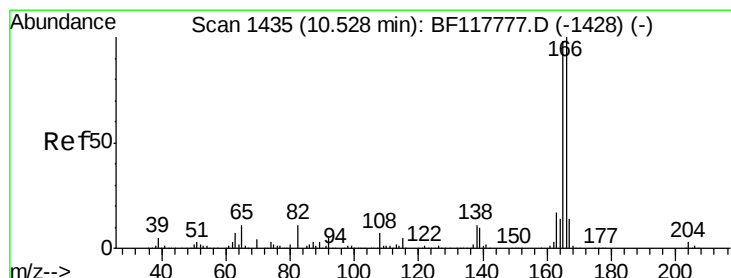
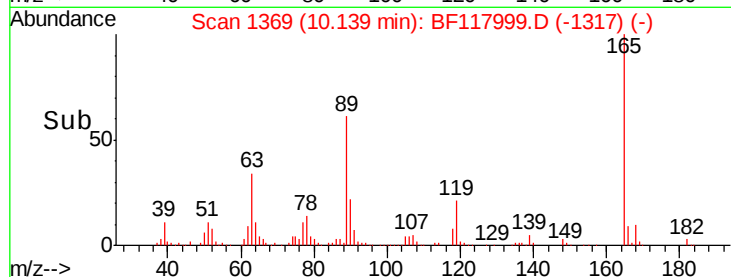
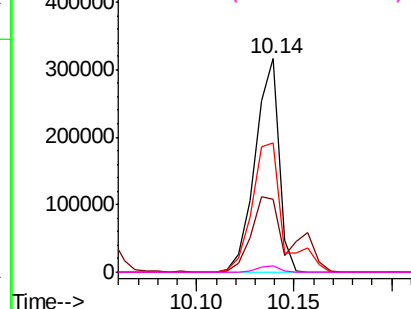
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

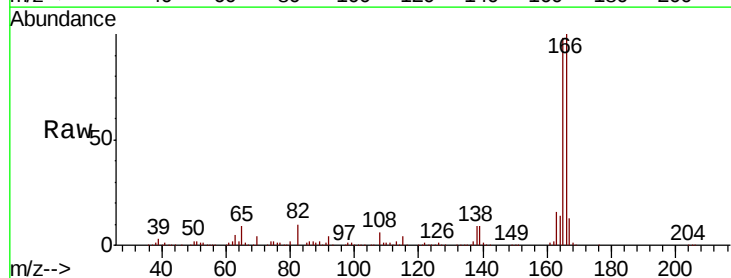
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 42.841 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.1	11.0	16.4

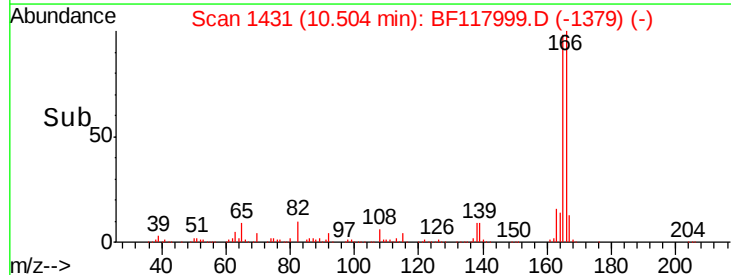
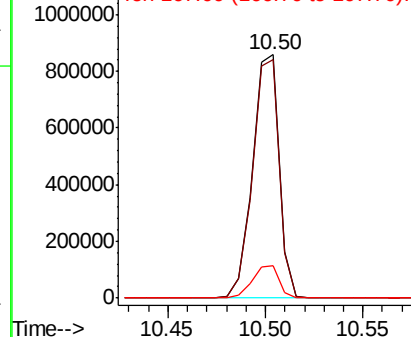


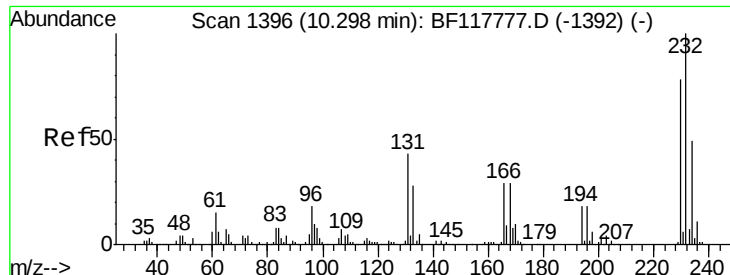
Abundance

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

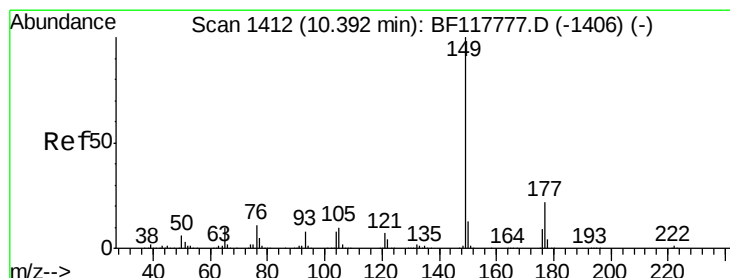
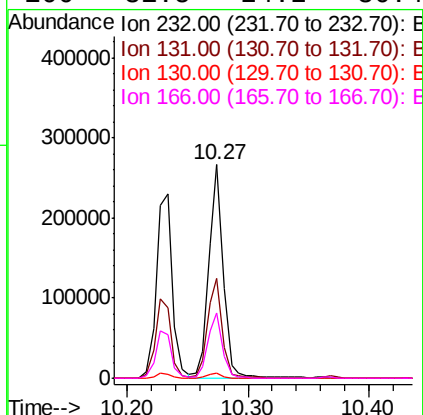
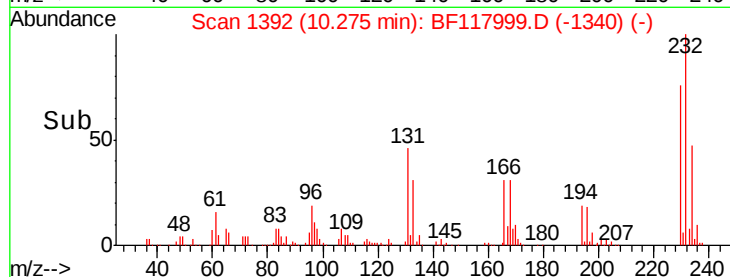
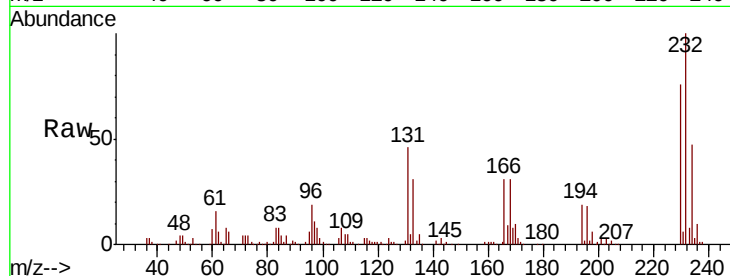




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.933 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

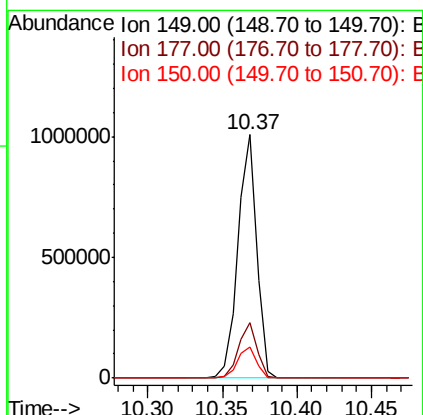
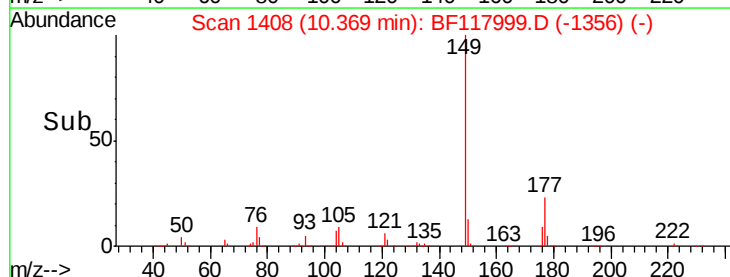
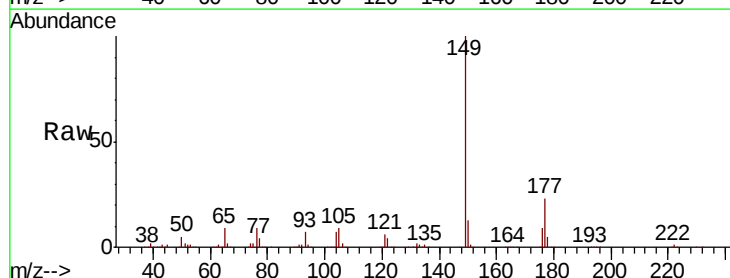
Instrument :
BNA_F
ClientSampleId :

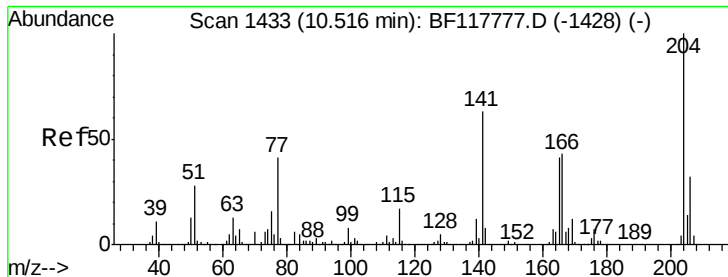
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.2	37.6	56.4
130	2.4	1.9	2.9
166	31.5	24.2	36.4



#60
Diethylphthalate
Concen: 41.954 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.0	27.0
150	13.0	10.5	15.7

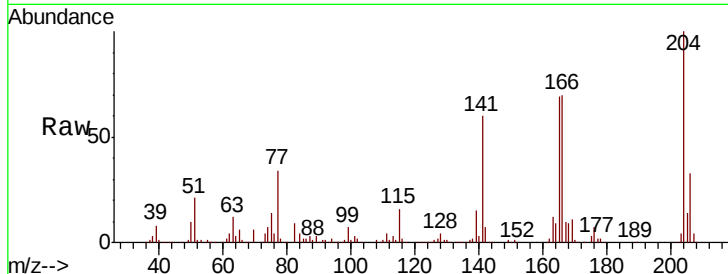




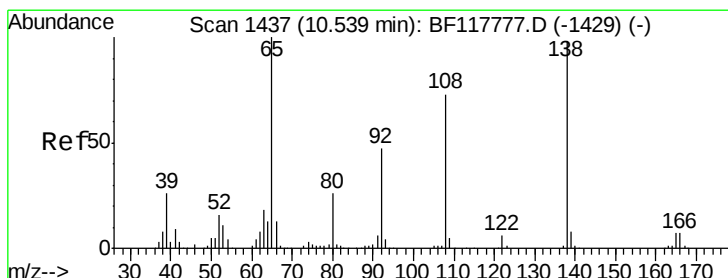
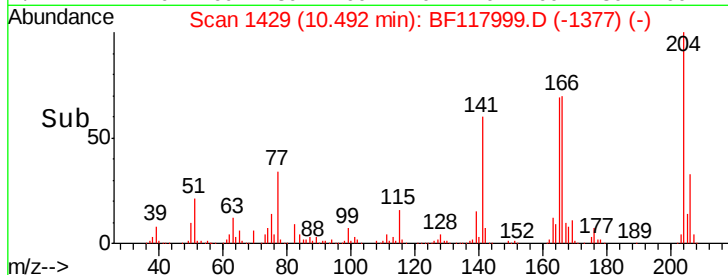
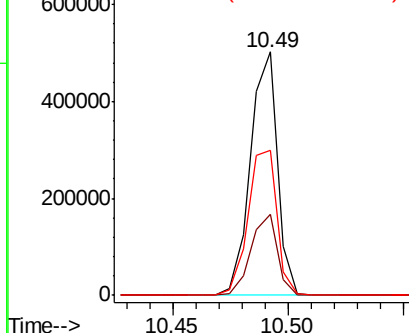
#61
 4-Chlorophenyl-phenylether
 Concen: 42.941 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 412121
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.6 38.4
 141 59.6 50.7 76.1

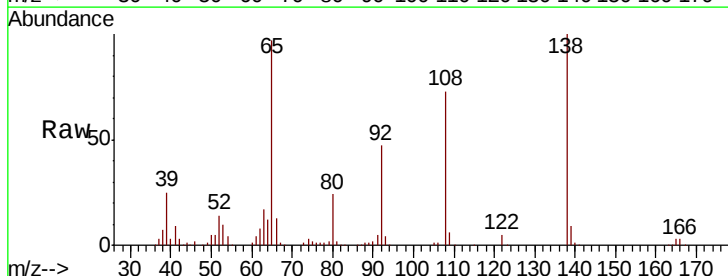


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

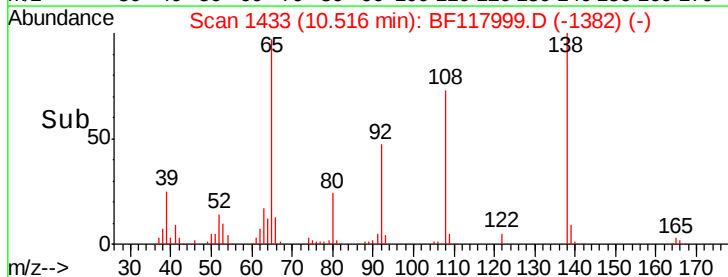
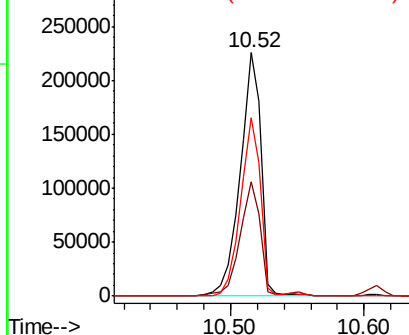


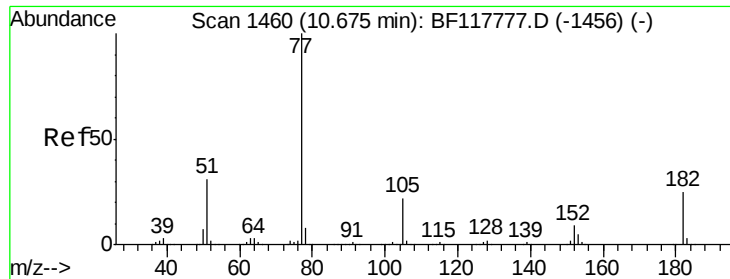
#62
 4-Nitroaniline
 Concen: 43.062 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion:138 Resp: 244462
 Ion Ratio Lower Upper
 138 100
 92 46.8 28.3 68.3
 108 73.4 54.3 94.3



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





#63

Azobenzene

Concen: 40.148 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 772048

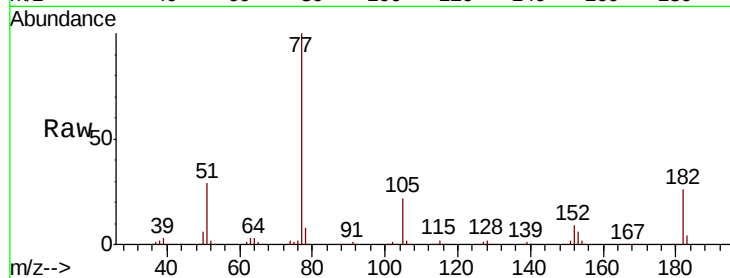
Ion Ratio Lower Upper

77 100

182 26.5 4.8 44.8

105 22.1 2.1 42.1

51 29.1 11.4 51.4

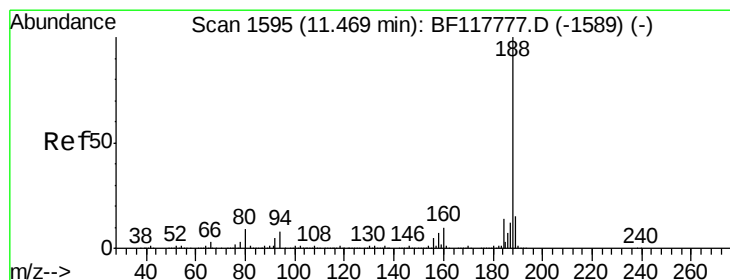
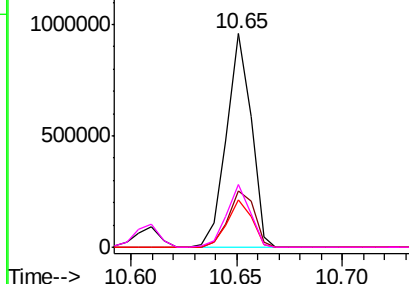
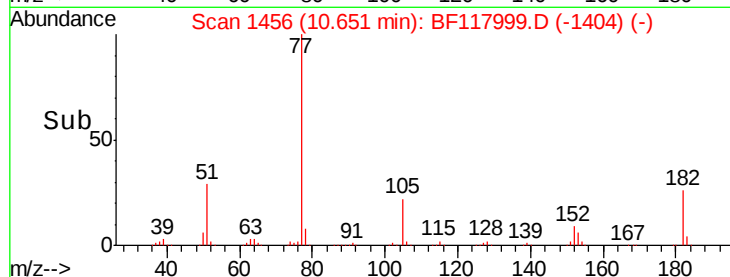


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

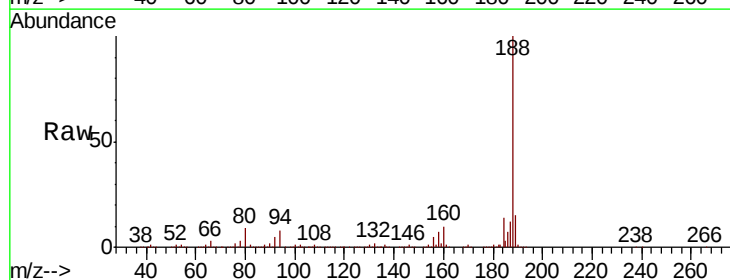
Tgt Ion: 188 Resp: 583848

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

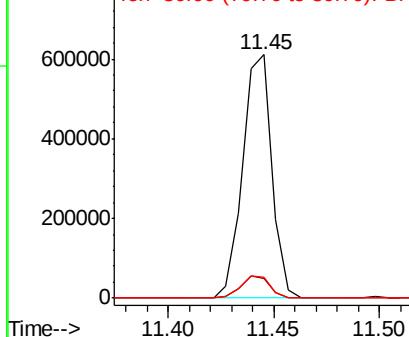
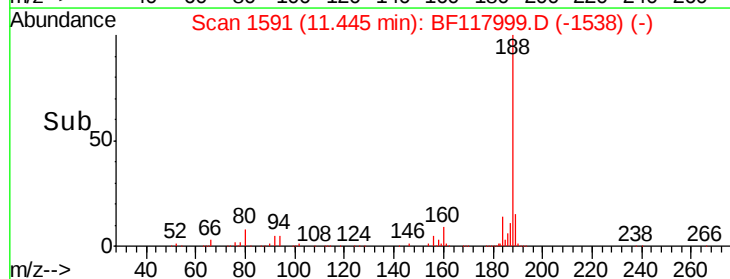
80 8.8 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

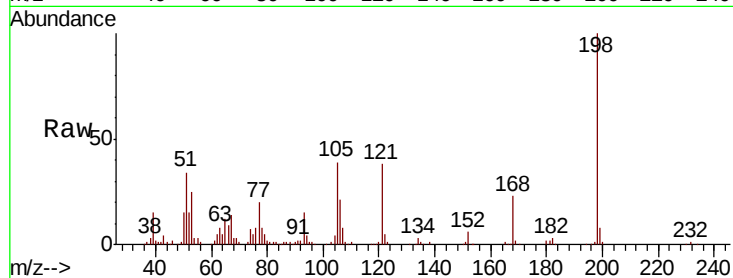




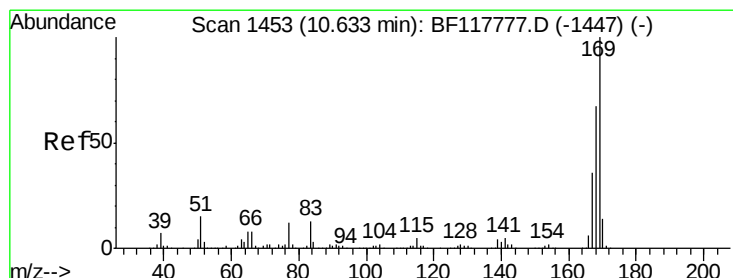
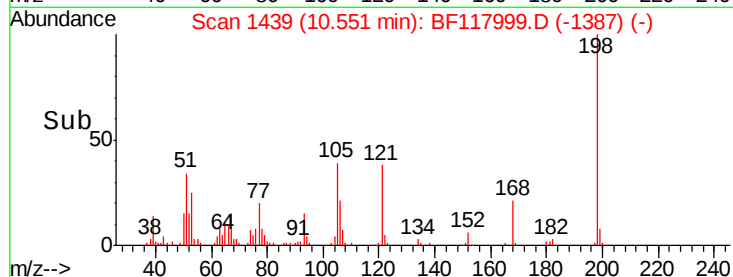
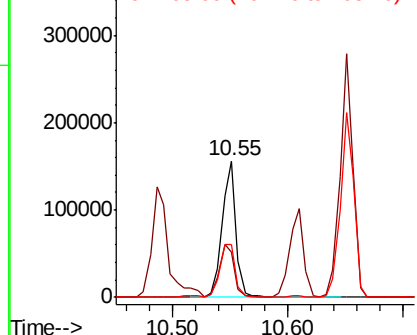
#65
4,6-Dinitro-2-methylphenol
Concen: 47.599 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 129735
Ion Ratio Lower Upper
198 100
51 33.5 16.0 56.0
105 39.2 19.1 59.1

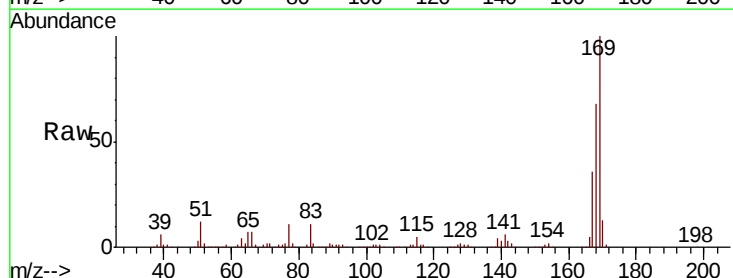


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

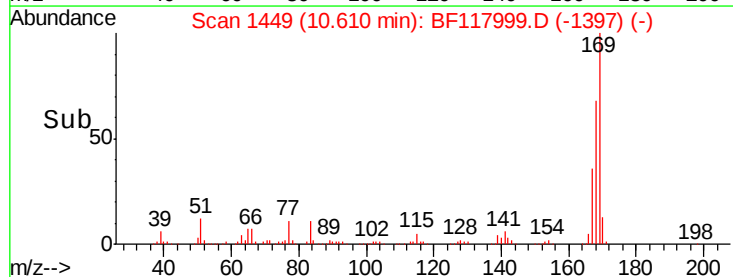
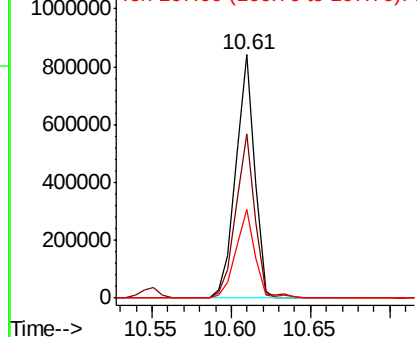


#66
n-Nitrosodiphenylamine
Concen: 40.974 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:169 Resp: 696218
Ion Ratio Lower Upper
169 100
168 67.7 53.5 80.3
167 36.3 29.0 43.4



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

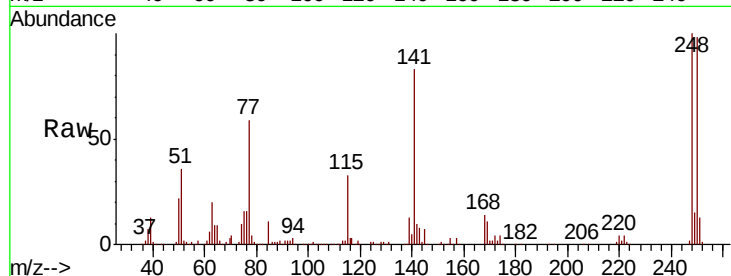




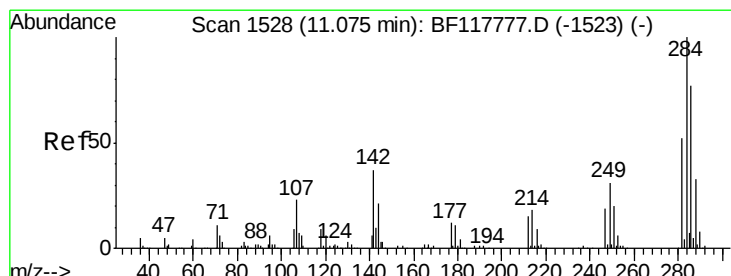
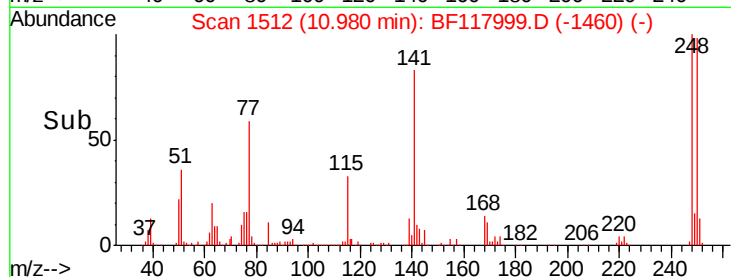
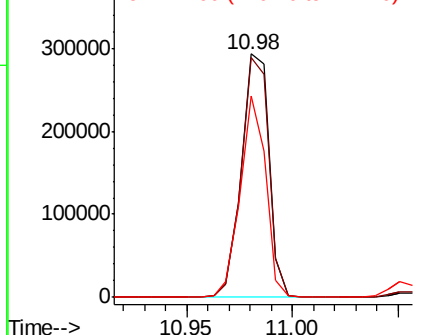
#67
4-Bromophenyl-phenylether
Concen: 42.341 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 266736
Ion Ratio Lower Upper
248 100
250 98.4 76.6 115.0
141 82.8 55.9 83.9

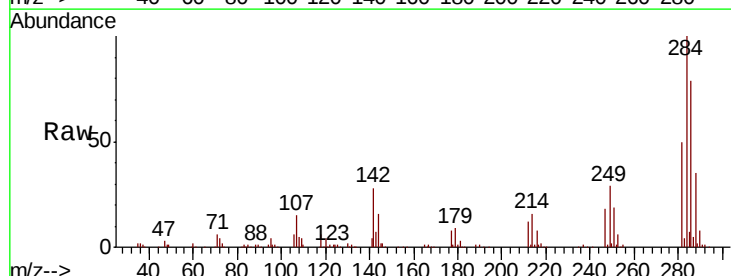


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

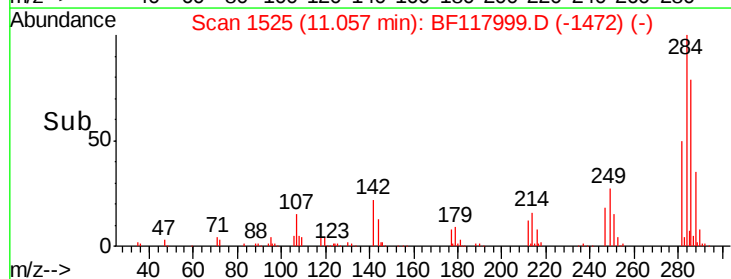
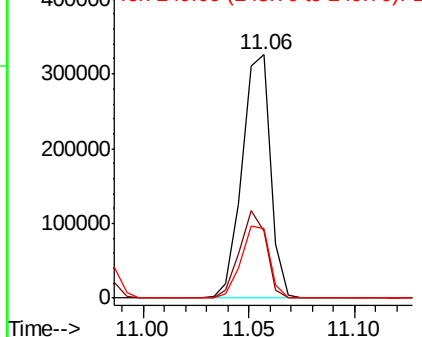


#68
Hexachlorobenzene
Concen: 41.321 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:284 Resp: 303533
Ion Ratio Lower Upper
284 100
142 27.6 29.4 44.2#
249 28.7 24.6 37.0



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: 39.261 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

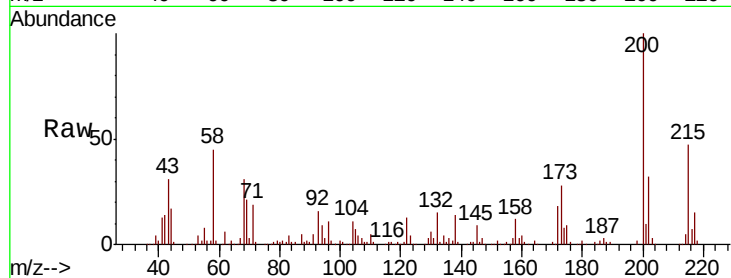
Tot Ion:200 Resp: 219447

Ion Ratio Lower Upper

200 100

173 28.4 6.7 46.7

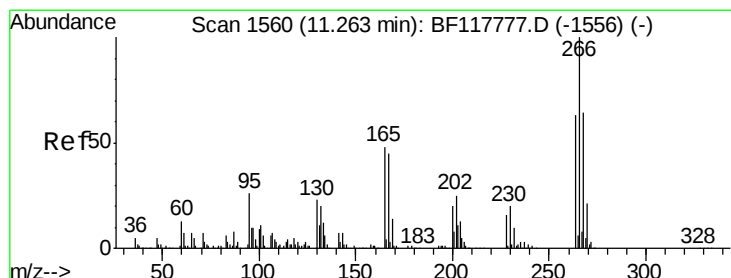
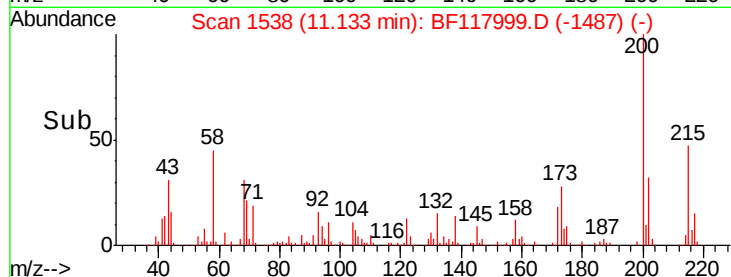
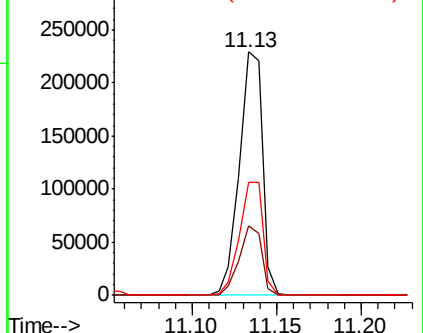
215 46.7 27.5 67.5



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: 36.497 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

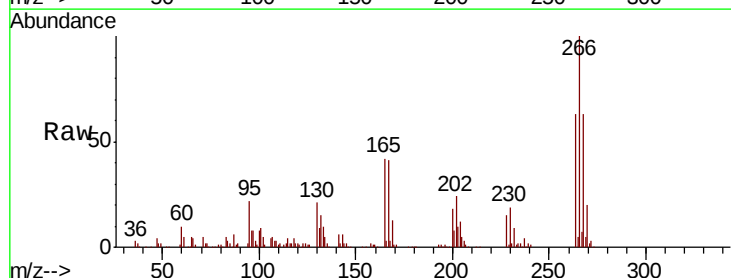
Tgt Ion:266 Resp: 156628

Ion Ratio Lower Upper

266 100

268 63.4 50.8 76.2

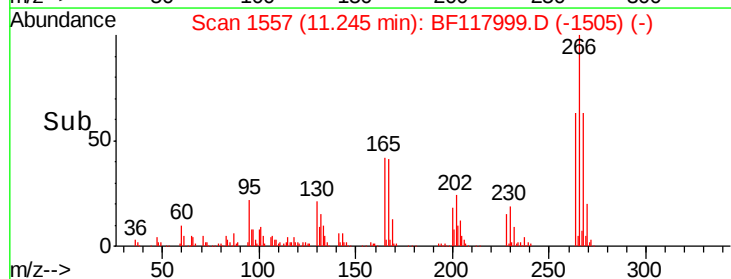
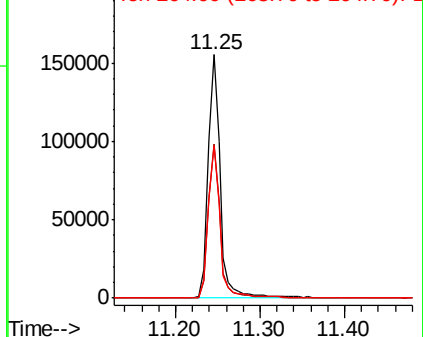
264 62.7 50.7 76.1

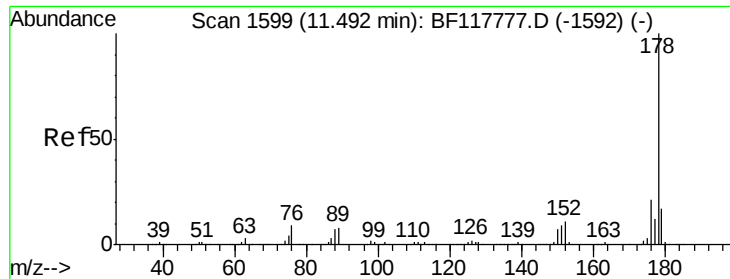


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

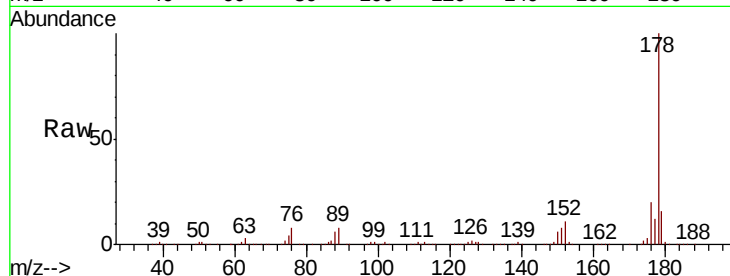




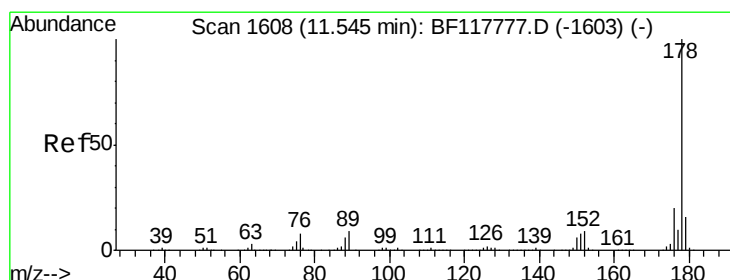
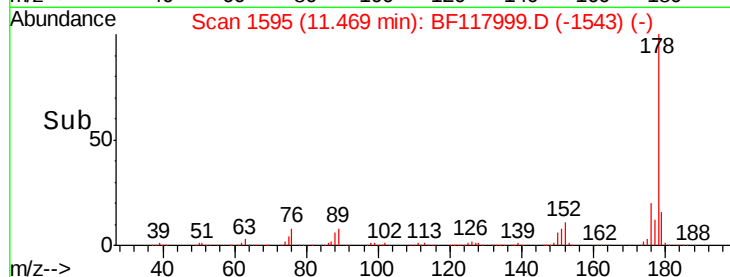
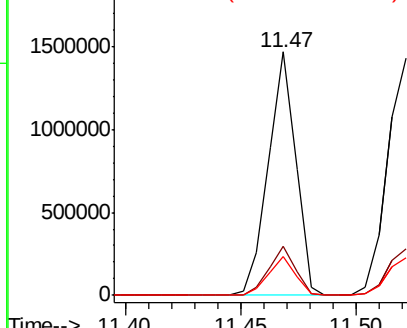
#71
 Phenanthrene
 Concen: 41.551 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1219682
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.8 13.2 19.8

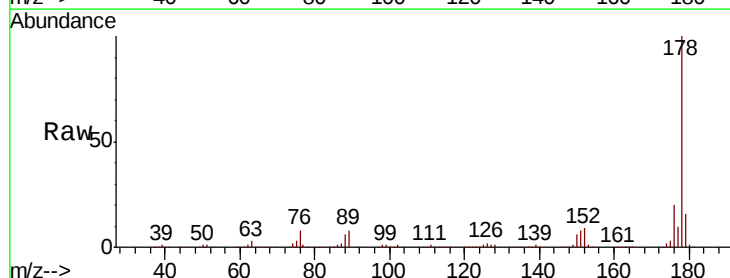


Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

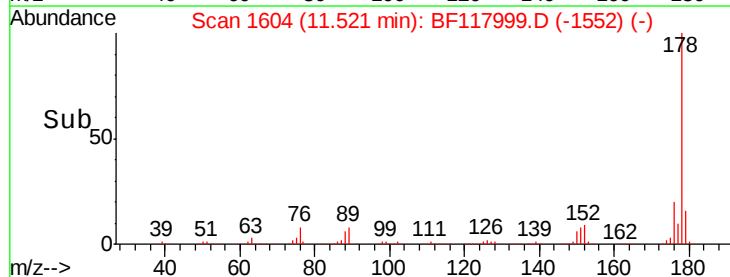
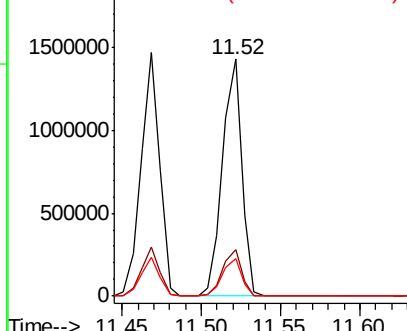


#72
 Anthracene
 Concen: 41.834 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion:178 Resp: 1217535
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.1 24.1
 179 15.9 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.322 ng

RT: 11.67 min Scan# 1630

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

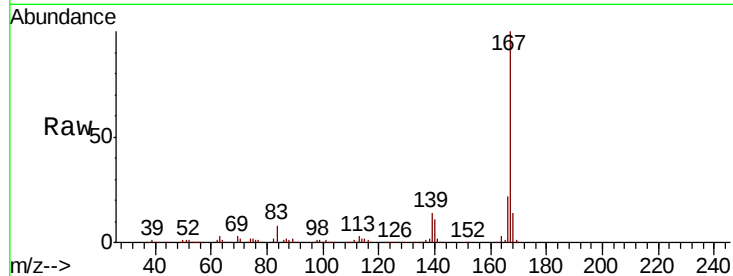
Tot Ion:167 Resp: 1050923

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 14.2 11.7 17.5

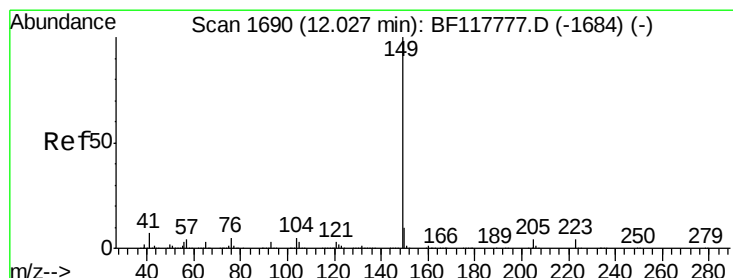
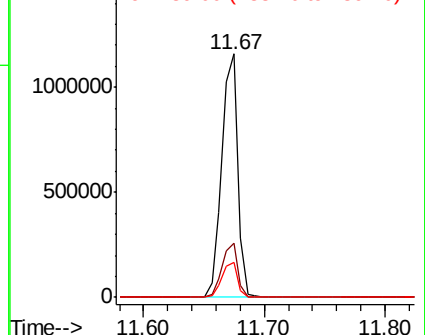
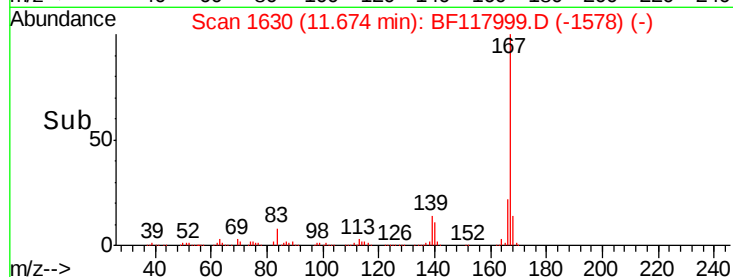


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.863 ng

RT: 12.00 min Scan# 1685

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

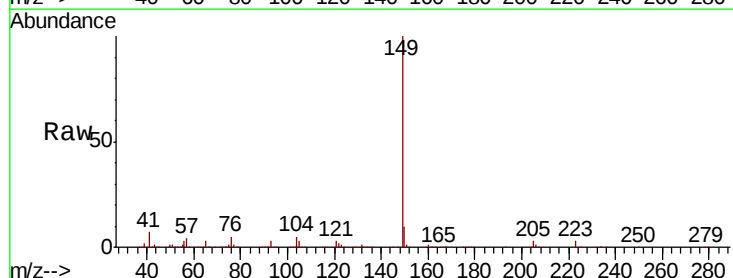
Tgt Ion:149 Resp: 1420602

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

104 5.1 4.2 6.4

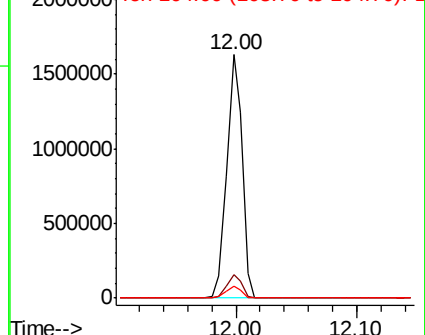
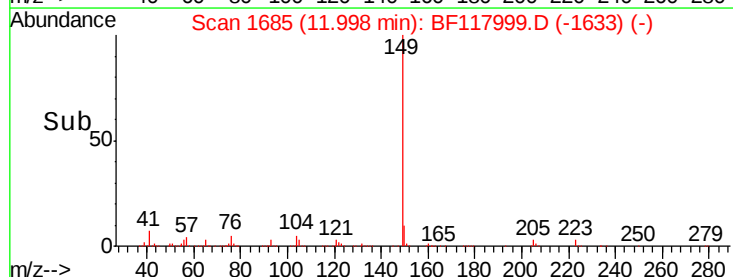


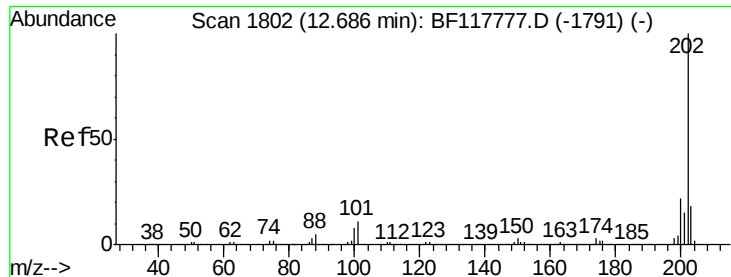
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.713 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

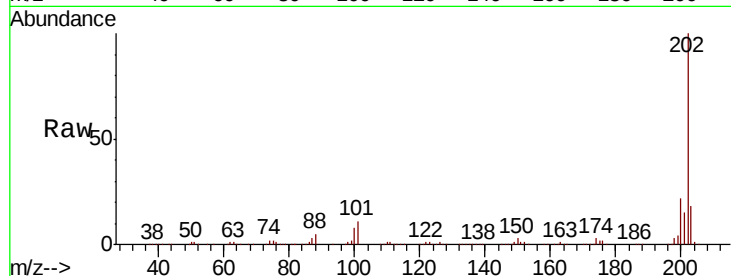
Tot Ion:202 Resp: 1040667

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.1

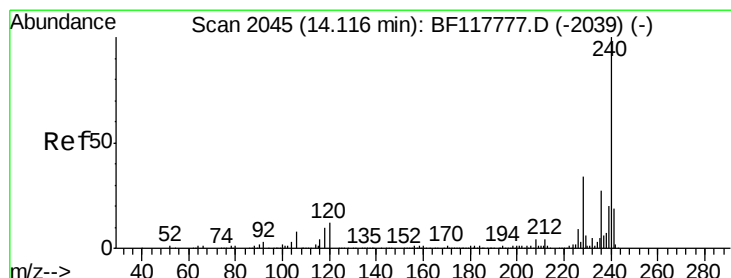
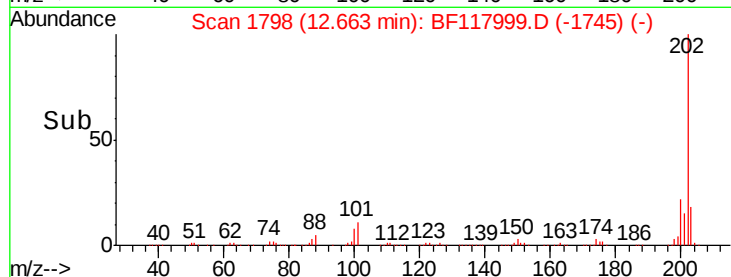
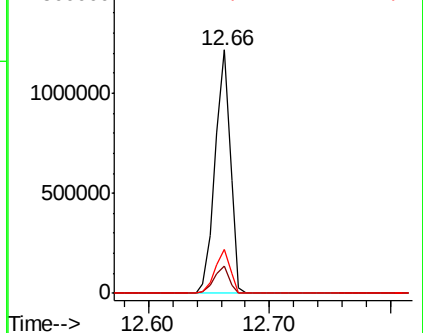
203 17.9 0.0 38.2



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: 14.10 min Scan# 2042

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

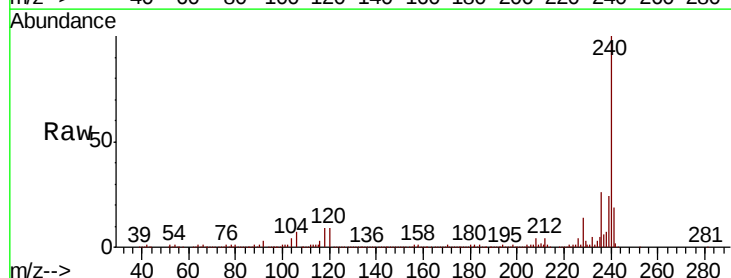
Tgt Ion:240 Resp: 343644

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

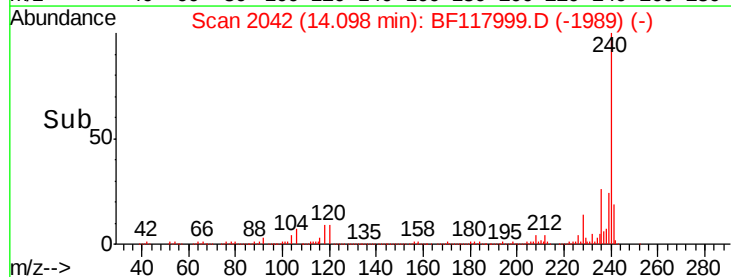
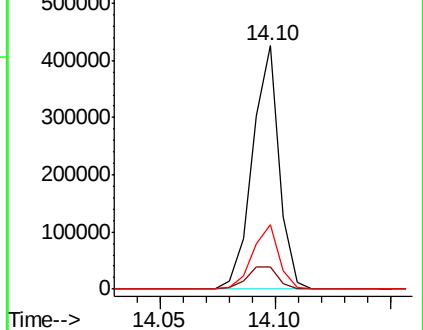
236 26.4 21.3 31.9



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

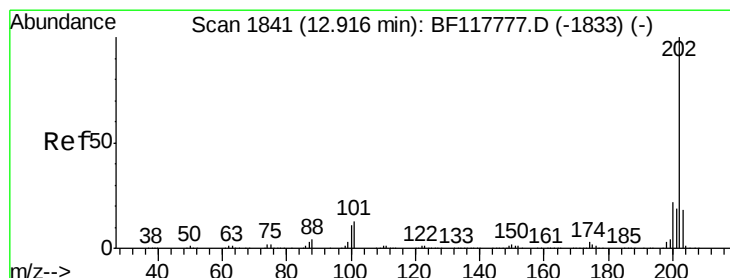
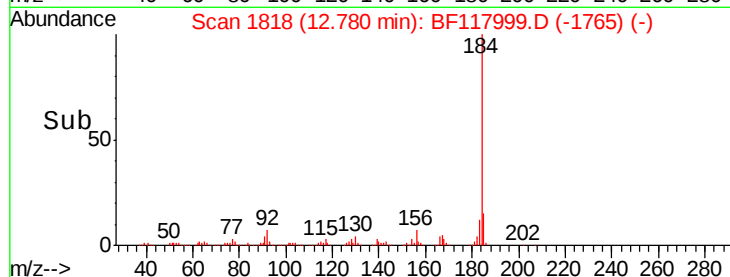
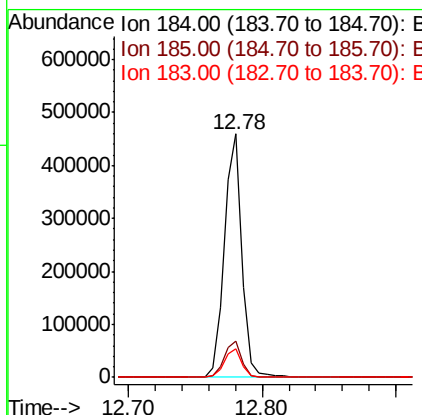
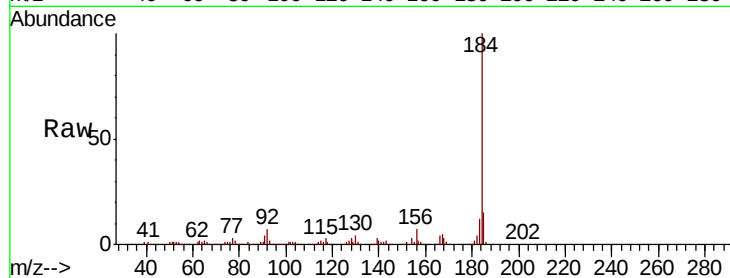




#77
Benzidine
Concen: 37.826 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

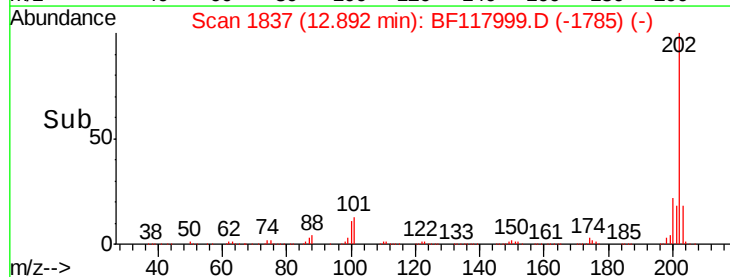
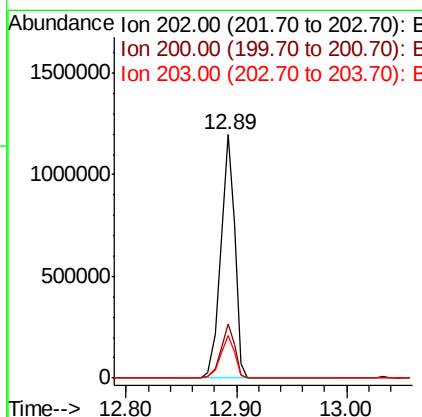
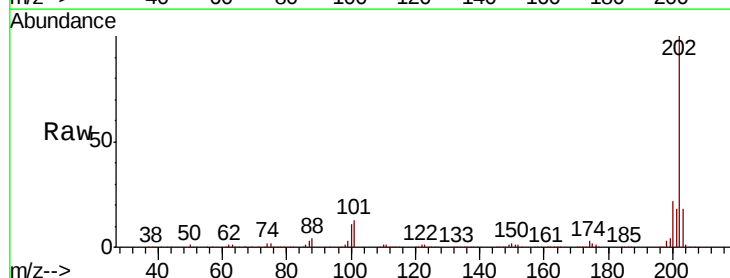
Instrument :
BNA_F
ClientSampleId :

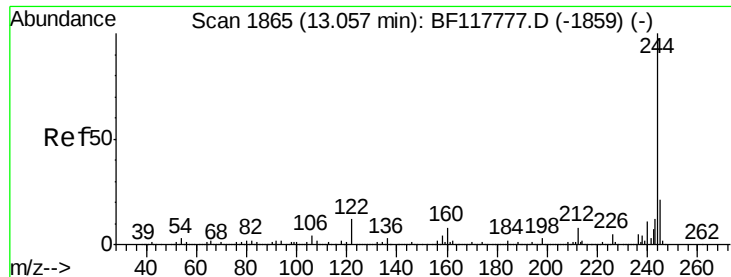
Tot Ion:184 Resp: 425782
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 11.9 9.5 14.3



#78
Pyrene
Concen: 38.039 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:202 Resp: 1056422
Ion Ratio Lower Upper
202 100
200 22.2 17.8 26.8
203 17.8 14.6 22.0

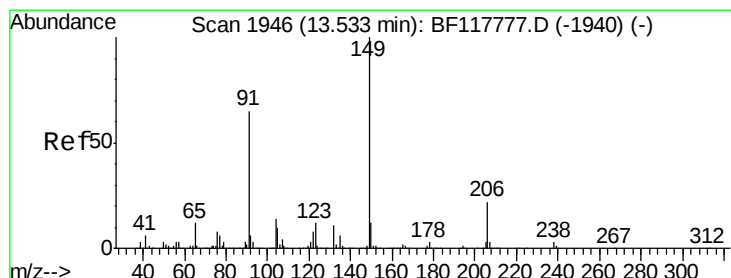
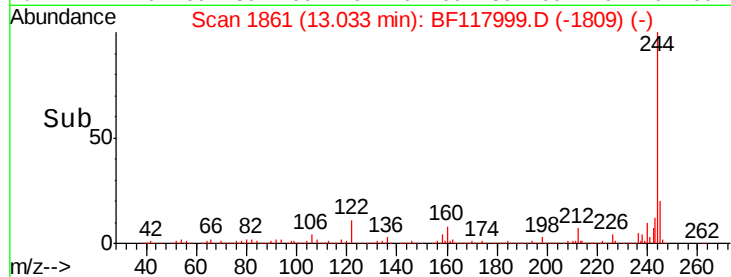
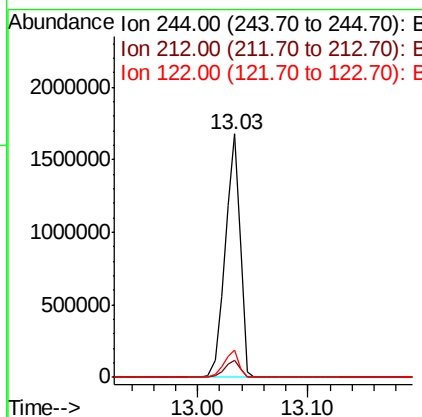
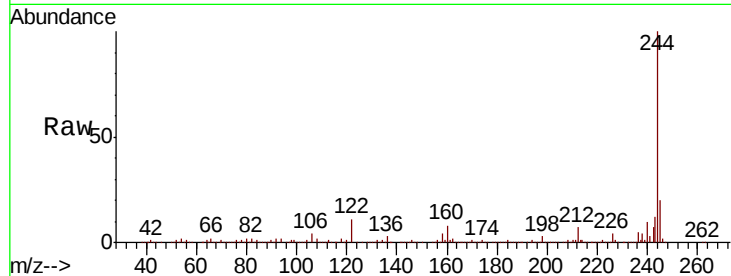




#79
 Terphenyl-d14
 Concen: 84.195 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

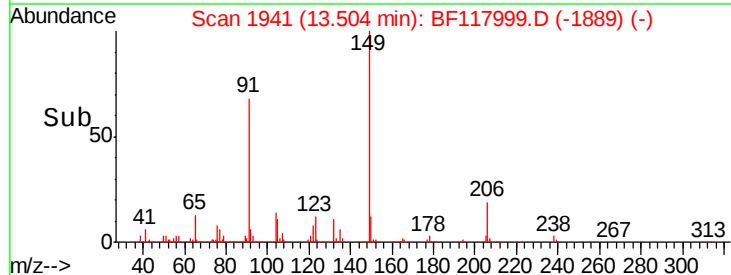
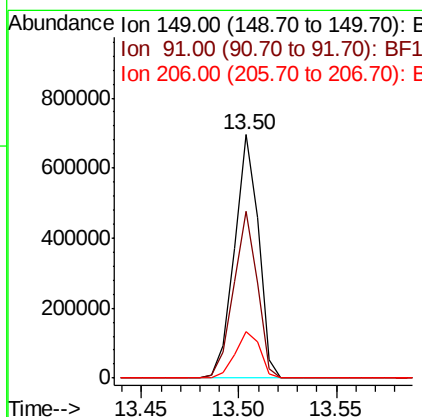
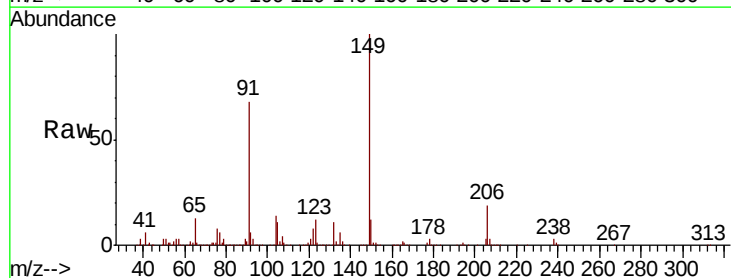
Instrument :
 BNA_F
 ClientSampleId :

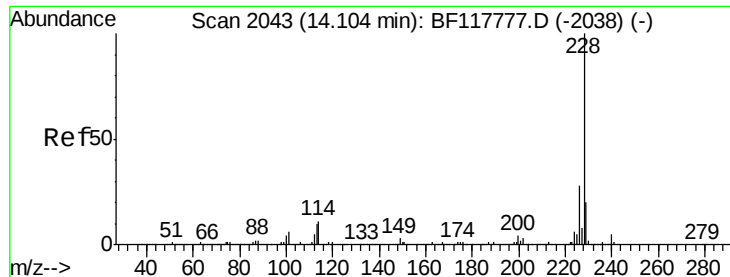
Tot Ion:244 Resp: 1583116
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 11.0 9.4 14.2



#80
 Butylbenzylphthalate
 Concen: 49.785 ng
 RT: 13.50 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion:149 Resp: 593833
 Ion Ratio Lower Upper
 149 100
 91 68.3 51.9 77.9
 206 19.1 17.2 25.8





#81

Benzo(a)anthracene

Concen: 46.937 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

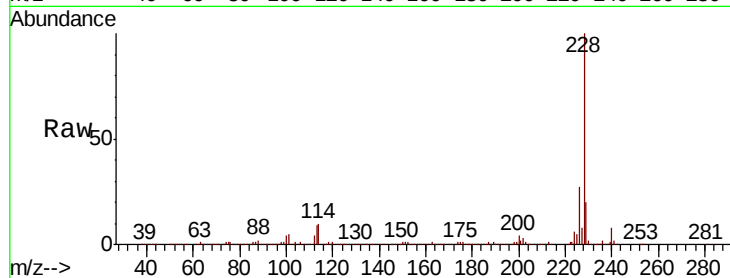
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1065859

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.1	15.9	23.9

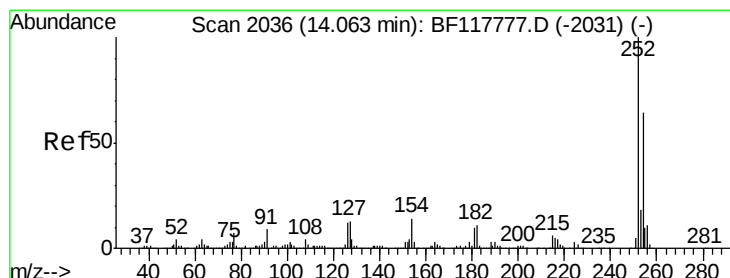
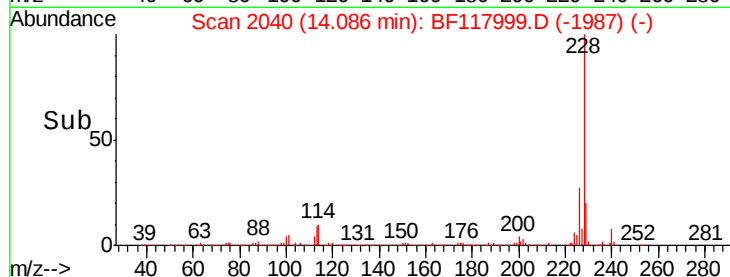
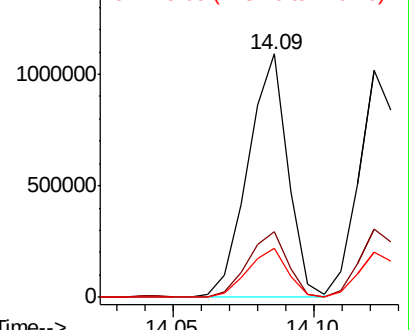


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 49.599 ng

RT: 14.04 min Scan# 2033

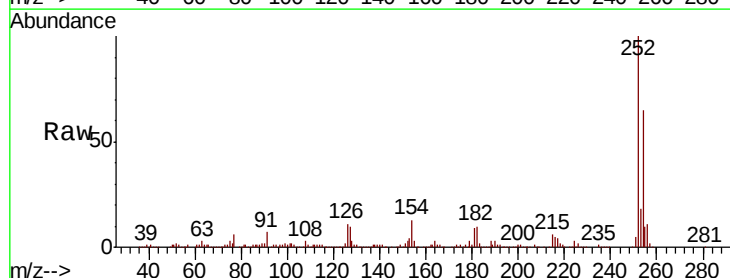
Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Tgt Ion:252 Resp: 393983

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.0	76.6
126	10.6	9.7	14.5

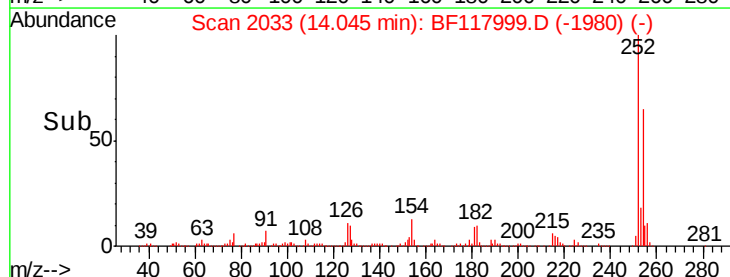
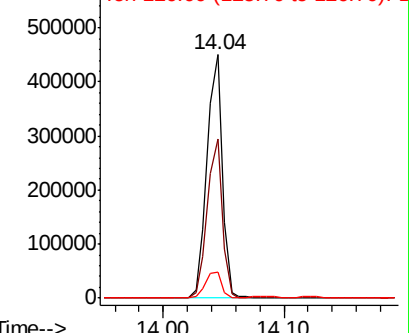


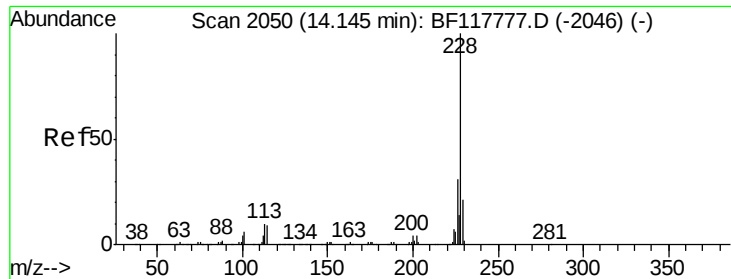
Abundance

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

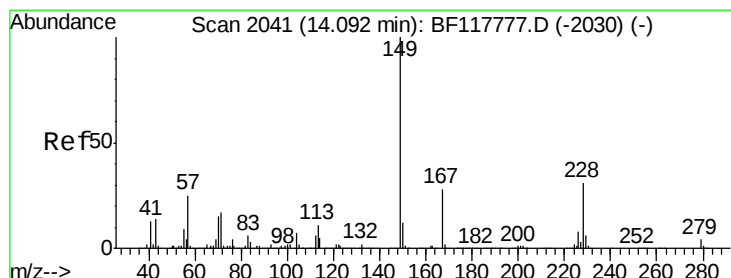
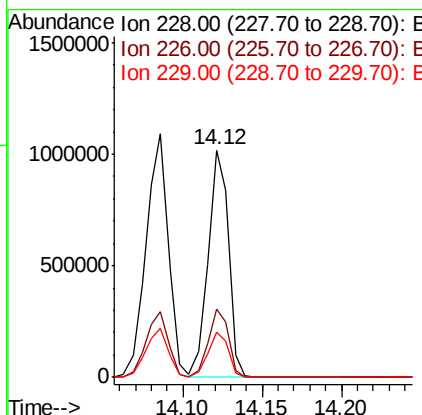
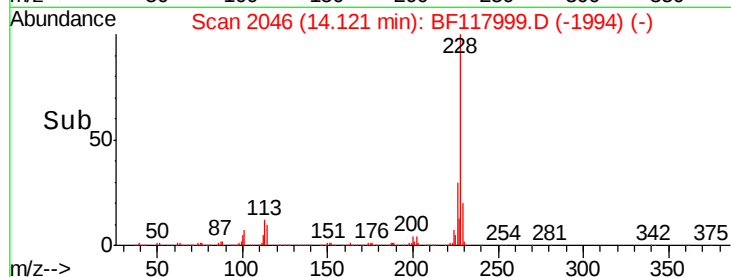
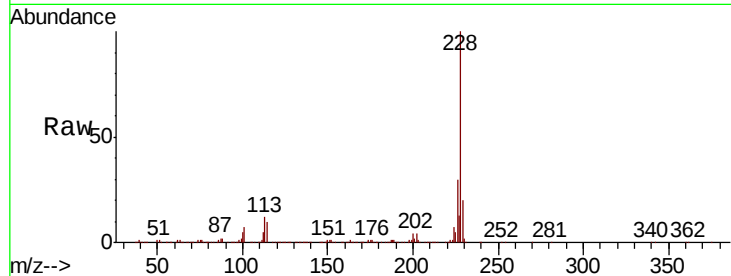




#83
 Chrysene
 Concen: 41.589 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

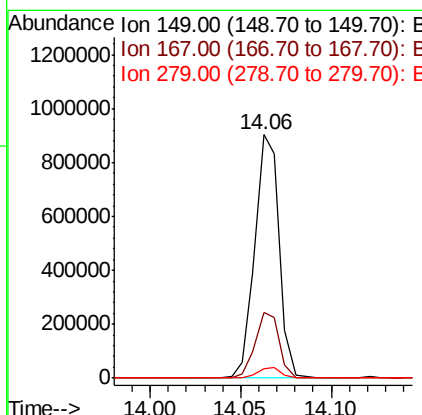
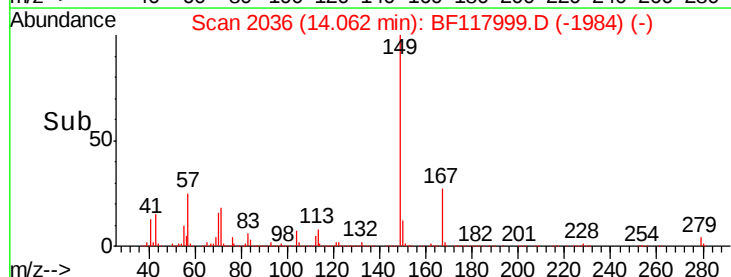
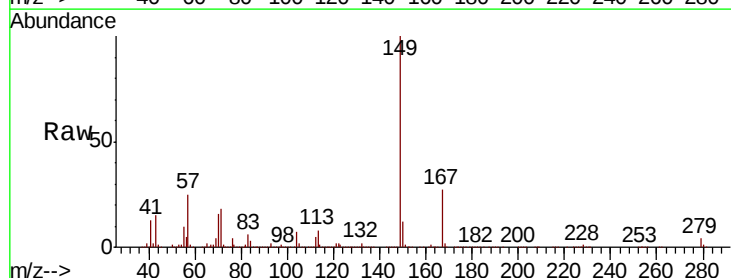
Instrument :
 BNA_F
 ClientSampled :

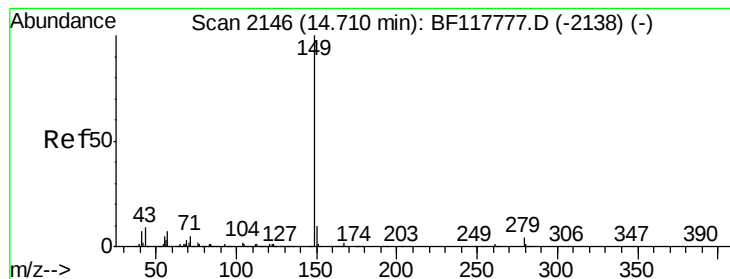
Tot Ion:228	Resp:	915147
Ion	Ratio	Lower Upper
228	100	
226	29.8	25.0 37.4
229	19.6	16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.082 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion:149	Resp:	839926
Ion	Ratio	Lower Upper
149	100	
167	27.1	22.2 33.2
279	3.8	3.4 5.2





#85

Di-n-octyl phthalate

Concen: 62.348 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

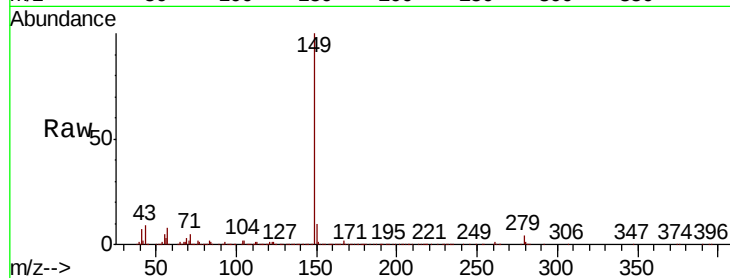
Tot Ion:149 Resp: 1324540

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

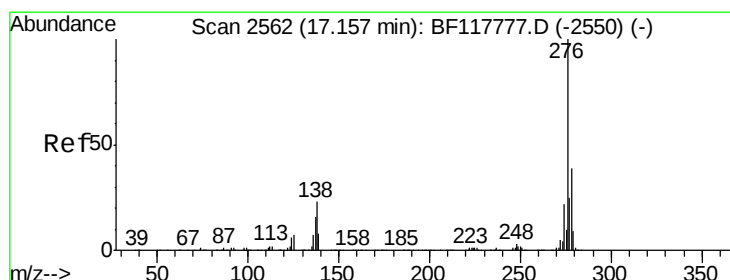
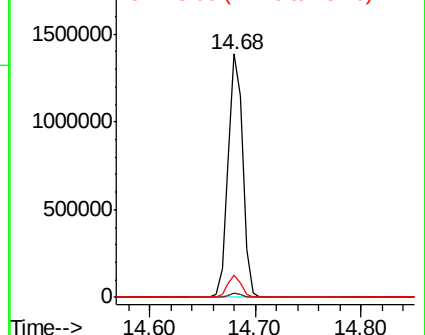
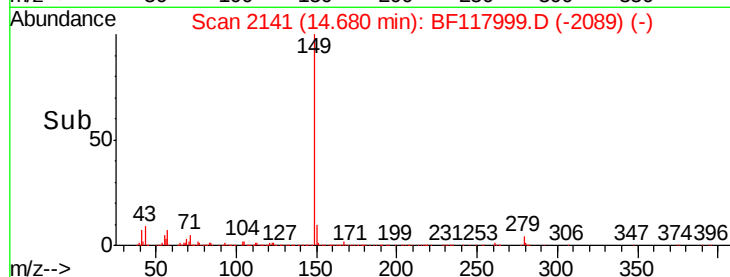
43 8.3 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.343 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.03 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

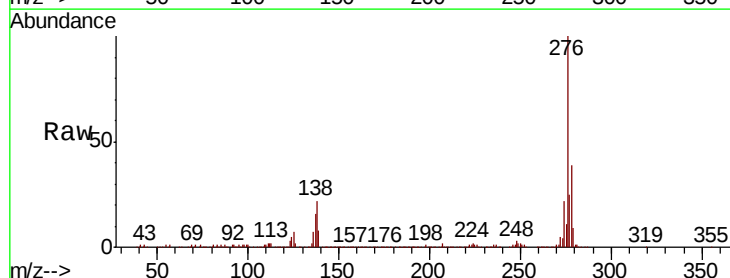
Tgt Ion:276 Resp: 867904

Ion Ratio Lower Upper

276 100

138 25.3 20.9 31.3

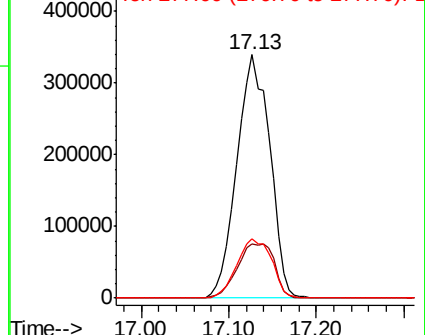
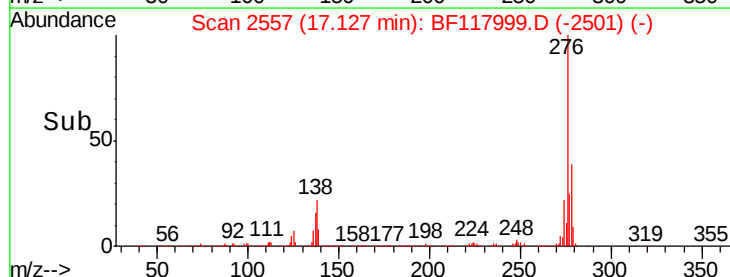
277 26.0 20.3 30.5

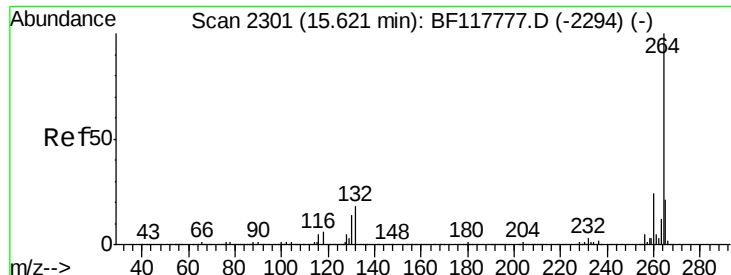


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

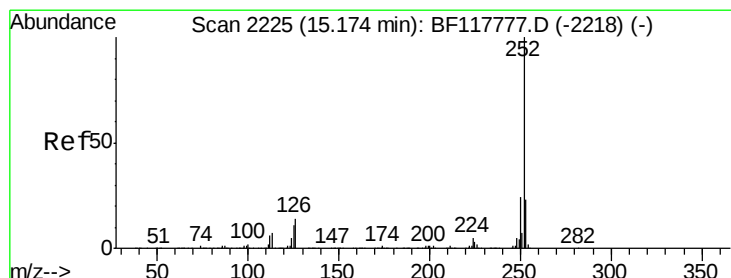
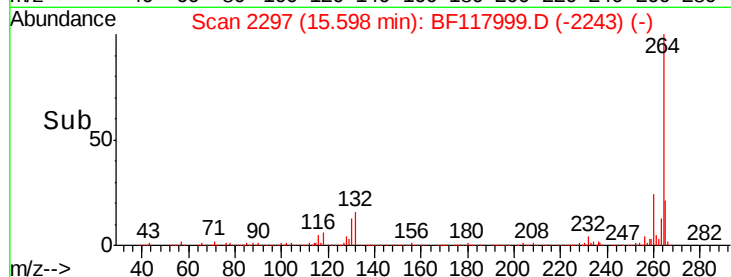
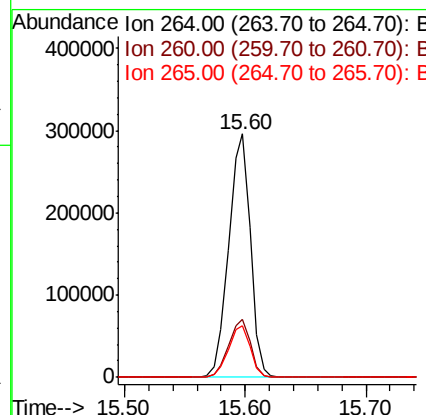
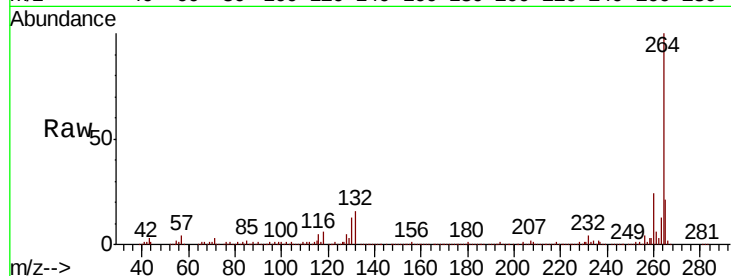




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. 0.02 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

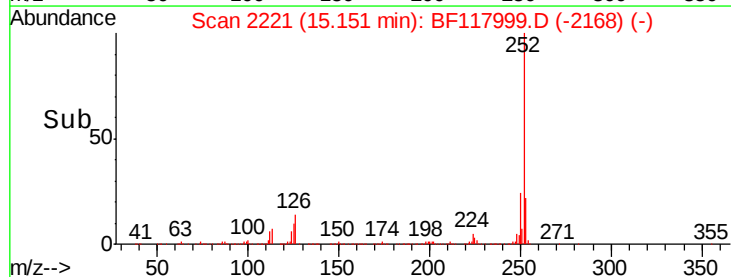
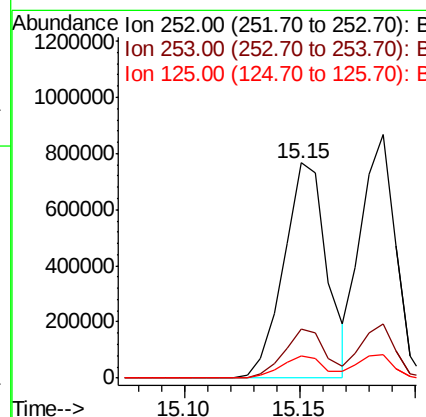
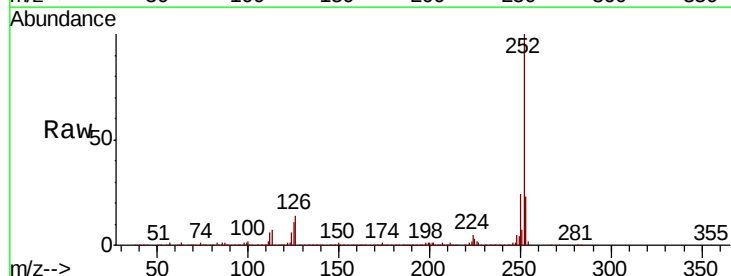
Instrument :
 BNA_F
 ClientSampleId :

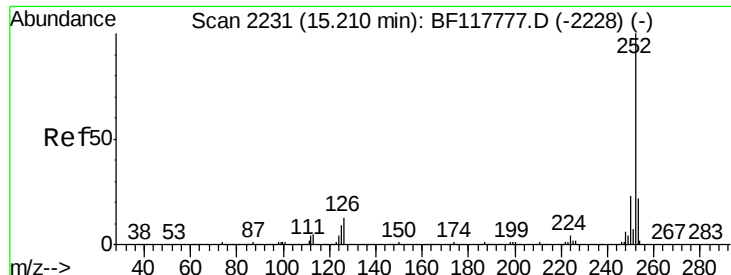
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.3	17.1	25.7



#88
 Benzo(b)fluoranthene
 Concen: 41.545 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. 0.01 min
 Lab File: BF117999.D
 Acq: 26 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.6	8.6	13.0

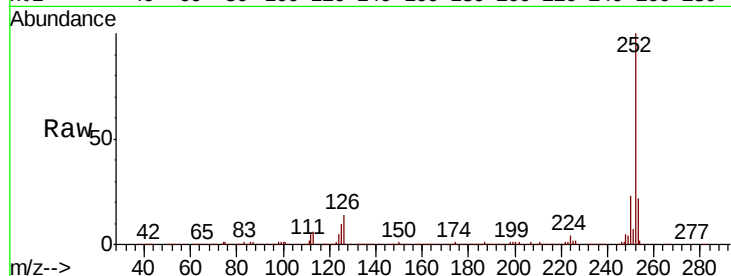




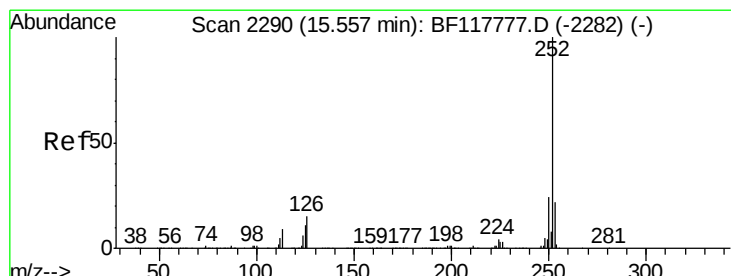
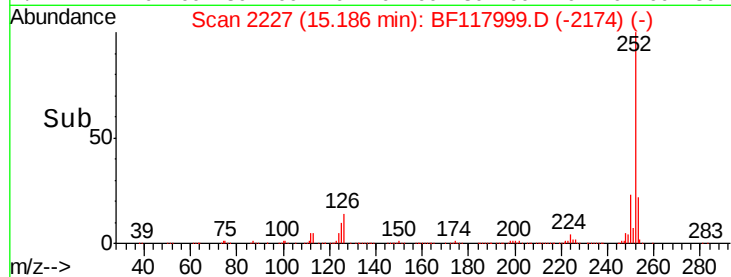
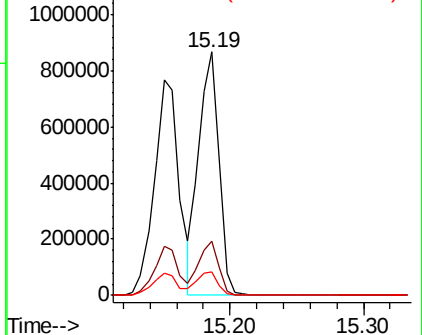
#89
Benzo(k)fluoranthene
Concen: 40.006 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 902765
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.8 7.9 11.9

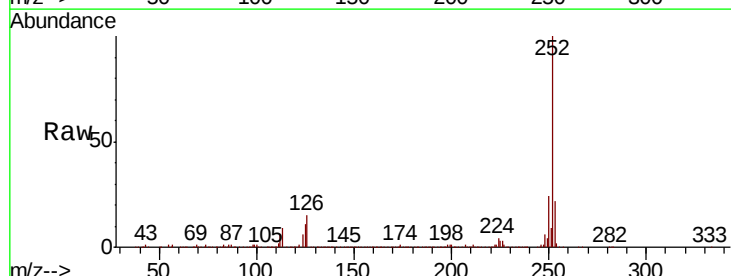


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

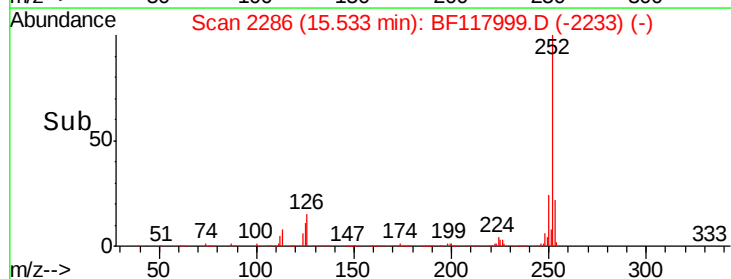
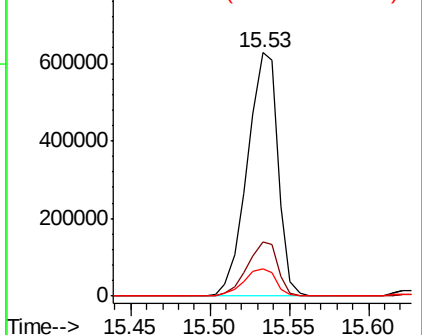


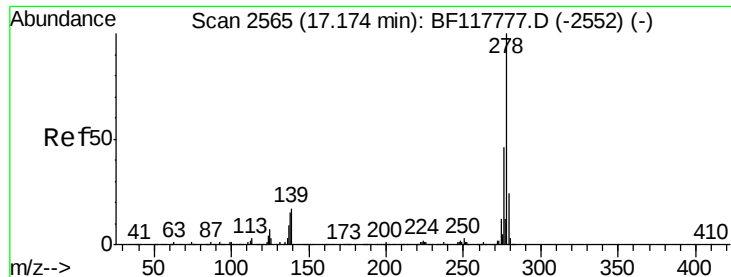
#90
Benzo(a)pyrene
Concen: 40.165 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BF117999.D
Acq: 26 Nov 2019 10:29

Tgt Ion:252 Resp: 845858
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.2 9.2 13.8



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





#91

Dibenzo(a,h)anthracene

Concen: 40.136 ng

RT: 17.14 min Scan# 2560

Delta R.T. 0.02 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

Instrument :

BNA_F

ClientSampleId :

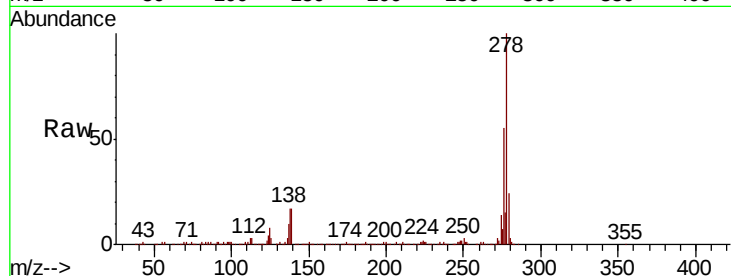
Tot Ion:278 Resp: 727525

Ion Ratio Lower Upper

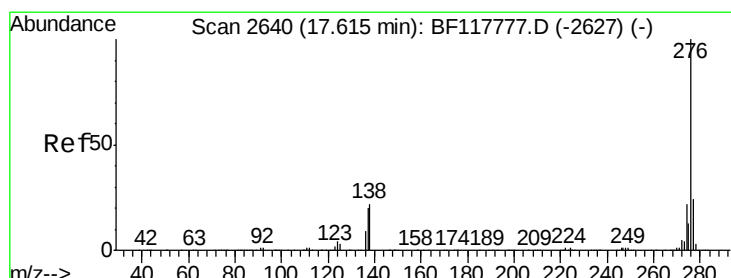
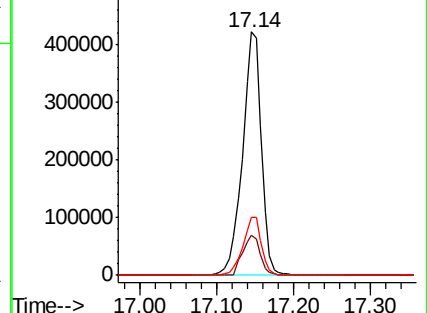
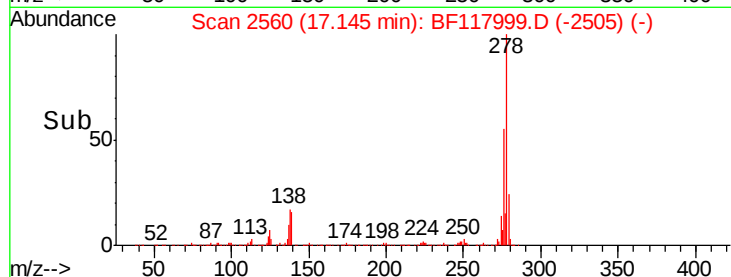
278 100

139 16.6 13.8 20.8

279 24.0 19.6 29.4



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: 37.468 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.04 min

Lab File: BF117999.D

Acq: 26 Nov 2019 10:29

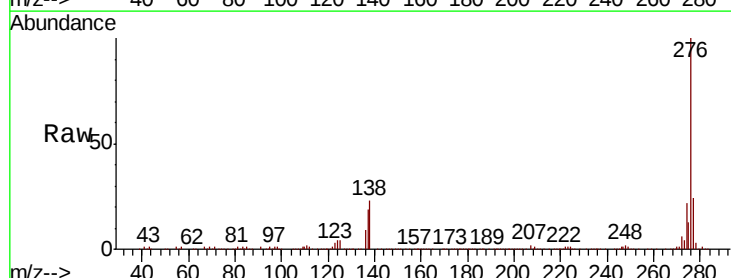
Tgt Ion:276 Resp: 676451

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 22.6 17.4 26.2



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

