

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117094.D
 Acq On : 17 Sep 2019 9:25
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 17 17:50:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75027	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	321672	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	170143	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	279685	20.00	ng	0.00
76) Chrysene-d12	13.97	240	193859	20.00	ng	0.00
87) Perylene-d12	15.43	264	158584	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	358852	74.67	ng	0.00
7) Phenol-d6	6.47	99	466070	75.05	ng	0.01
23) Nitrobenzene-d5	7.39	82	463076	75.64	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	114228	80.33	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	839654	77.16	ng	0.00
79) Terphenyl-d14	12.92	244	821411	79.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	70064	34.842	ng	98
3) Pyridine	3.31	79	193404	35.139	ng	98
4) n-Nitrosodimethylamine	3.26	42	66199	35.048	ng	92
6) Aniline	6.49	93	298444	37.324	ng	99
8) 2-Chlorophenol	6.62	128	199328	38.449	ng	98
9) Benzaldehyde	6.37	77	130397	42.645	ng	98
10) Phenol	6.48	94	255077	37.256	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	189234	37.606	ng	96
12) 1,3-Dichlorobenzene	6.77	146	221656	38.102	ng	99
13) 1,4-Dichlorobenzene	6.85	146	223645	37.671	ng	99
14) 1,2-Dichlorobenzene	7.00	146	211556	38.274	ng	97
15) Benzyl Alcohol	6.97	79	188277	39.533	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	193893	39.001	ng	89
17) 2-Methylphenol	7.09	107	165215	38.025	ng	94
18) Hexachloroethane	7.34	117	86987	38.087	ng	# 90
19) n-Nitroso-di-n-propylamine	7.24	70	148964	39.390	ng	94
20) 3+4-Methylphenols	7.24	107	209968	38.797	ng	95
22) Acetophenone	7.23	105	307760	37.657	ng	# 98
24) Nitrobenzene	7.41	77	229472	37.955	ng	98
25) Isophorone	7.65	82	410876	37.905	ng	99
26) 2-Nitrophenol	7.72	139	104368	40.189	ng	94
27) 2,4-Dimethylphenol	7.76	122	154027	37.402	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	254335	38.083	ng	99
29) 2,4-Dichlorophenol	7.97	162	169144	39.198	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	173635	37.246	ng	100
31) Naphthalene	8.13	128	582336	37.642	ng	100
32) Benzoic acid	7.89	122	89894	31.532	ng	98
33) 4-Chloroaniline	8.17	127	261692	38.138	ng	97
34) Hexachlorobutadiene	8.25	225	102737	38.843	ng	98
35) Caprolactam	8.55	113	52457	35.916	ng	95
36) 4-Chloro-3-methylphenol	8.66	107	194535	38.664	ng	100
37) 2-Methylnaphthalene	8.82	142	398828	38.284	ng	99
38) 1-Methylnaphthalene	8.92	142	376807	38.619	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	166187	37.825	ng	99

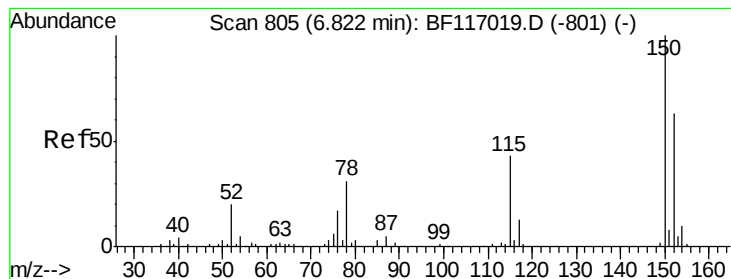
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117094.D
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 BNA_F
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Quant Time: Sep 17 17:50:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	73958	42.194	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	111427	37.372	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	114007	35.789	ng	96
46) 1,1'-Biphenyl	9.28	154	500837	37.527	ng	99
47) 2-Chloronaphthalene	9.30	162	393559	37.365	ng	98
48) 2-Nitroaniline	9.40	65	128147	37.931	ng	94
49) Acenaphthylene	9.72	152	591855	37.510	ng	100
50) Dimethylphthalate	9.57	163	462179	38.365	ng	99
51) 2,6-Dinitrotoluene	9.64	165	98672	40.216	ng	87
52) Acenaphthene	9.89	154	350099	37.430	ng	99
53) 3-Nitroaniline	9.81	138	117779	38.046	ng	96
54) 2,4-Dinitrophenol	9.93	184	35820	39.103	ng	91
55) Dibenzofuran	10.06	168	526679	38.164	ng	99
56) 4-Nitrophenol	9.98	139	77254	38.505	ng	94
57) 2,4-Dinitrotoluene	10.05	165	131836	41.394	ng	96
58) Fluorene	10.40	166	424879	38.220	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	93884	38.513	ng	99
60) Diethylphthalate	10.27	149	466807	39.386	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	193169	40.162	ng	97
62) 4-Nitroaniline	10.43	138	121814	37.838	ng	97
63) Azobenzene	10.55	77	467021	38.581	ng	100
65) 4,6-Dinitro-2-methylphenol	10.46	198	48962	39.798	ng	99
66) n-Nitrosodiphenylamine	10.51	169	369422	38.246	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	113460	39.723	ng	100
68) Hexachlorobenzene	10.96	284	121938	39.032	ng	97
69) Atrazine	11.03	200	96469	38.639	ng	99
70) Pentachlorophenol	11.15	266	49083	33.518	ng	98
71) Phenanthrene	11.36	178	593762	37.376	ng	99
72) Anthracene	11.42	178	627487	38.690	ng	99
73) Carbazole	11.57	167	571805	37.143	ng	99
74) Di-n-butylphthalate	11.89	149	750940	40.999	ng	99
75) Fluoranthene	12.55	202	607213	37.200	ng	97
77) Benzidine	12.66	184	250467	40.109	ng	98
78) Pyrene	12.78	202	607898	37.372	ng	100
80) Butylbenzylphthalate	13.39	149	314661	40.939	ng	99
81) Benzo(a)anthracene	13.96	228	486736	37.580	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	160416	38.435	ng	98
83) Chrysene	14.00	228	473037	37.447	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	440708	44.471	ng	99
85) Di-n-octyl phthalate	14.56	149	700649	44.920	ng	99
86) Indeno(1,2,3-cd)pyrene	16.87	276	306271	33.232	ng	98
88) Benzo(b)fluoranthene	15.01	252	360083	37.485	ng	99
89) Benzo(k)fluoranthene	15.04	252	367406	40.376	ng	99
90) Benzo(a)pyrene	15.37	252	323000	38.318	ng	99
91) Dibenzo(a,h)anthracene	16.88	278	251689	37.481	ng	99
92) Benzo(g,h,i)perylene	17.30	276	235324	35.167	ng	97

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

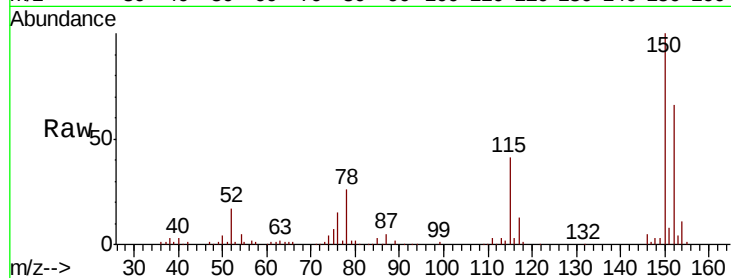


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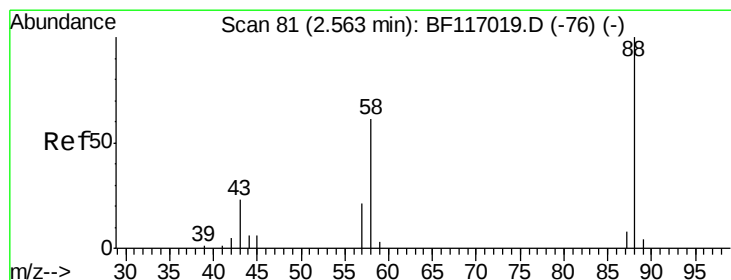
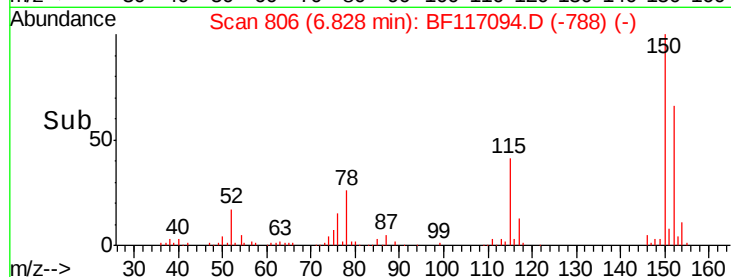
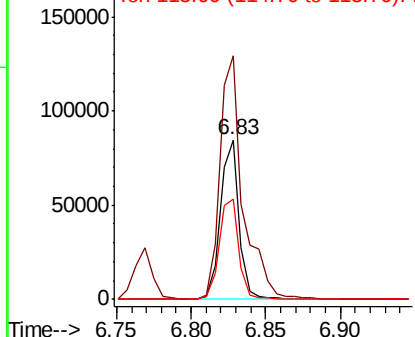
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75027
Ion Ratio Lower Upper
152 100
150 152.5 127.5 191.3
115 62.7 55.0 82.4



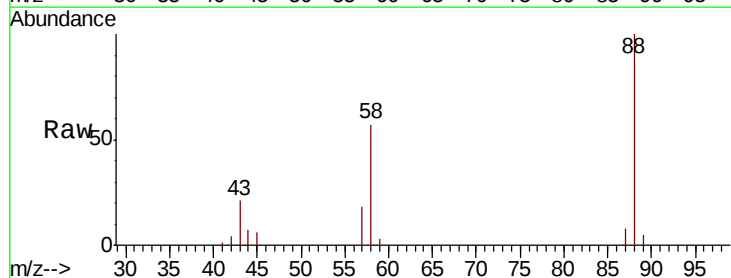
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



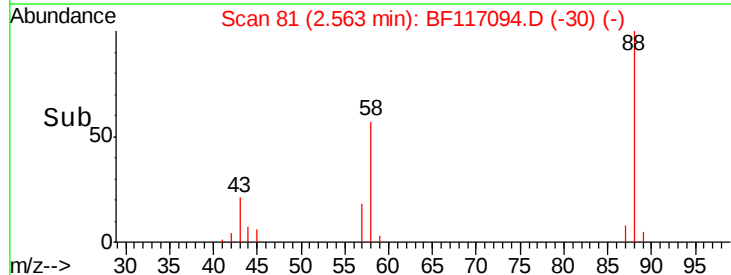
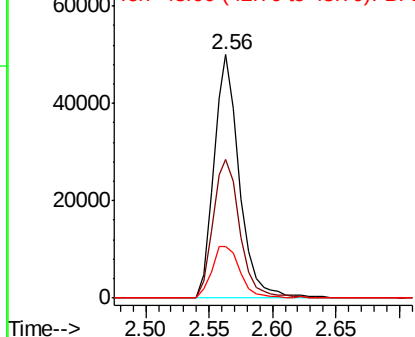
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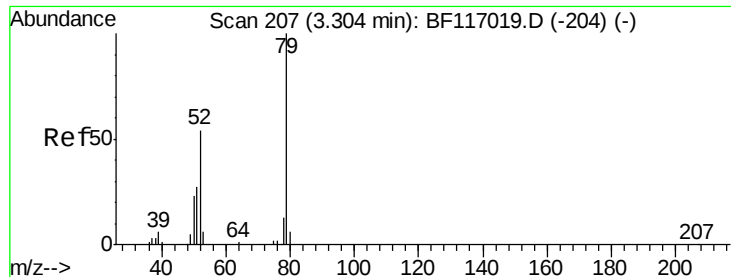
1,4-Dioxane
Concen: 34.842 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion: 88 Resp: 70064
Ion Ratio Lower Upper
88 100
58 59.9 49.3 73.9
43 23.6 18.8 28.2



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

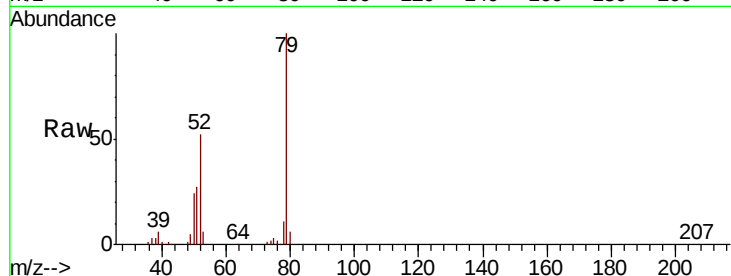




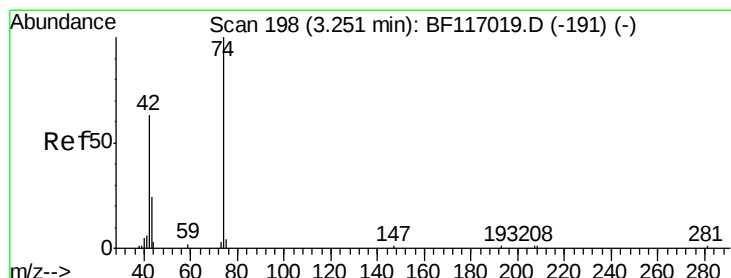
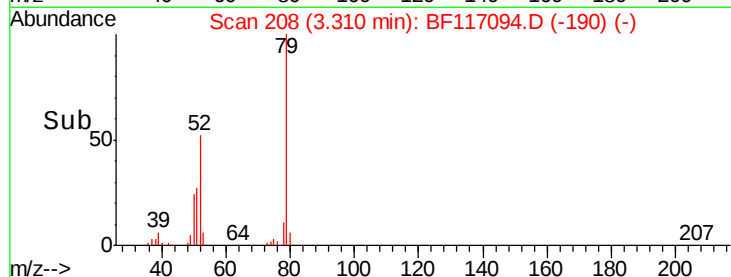
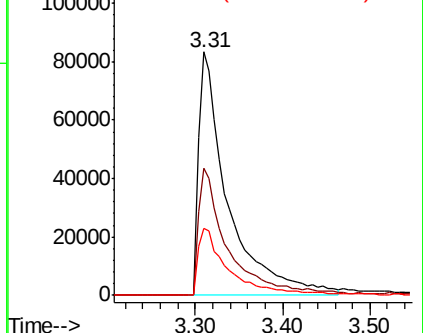
#3
 Pvridine
 Concen: 35.139 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 193404
 Ion Ratio Lower Upper
 79 100
 52 52.3 43.5 65.3
 51 27.3 21.8 32.6

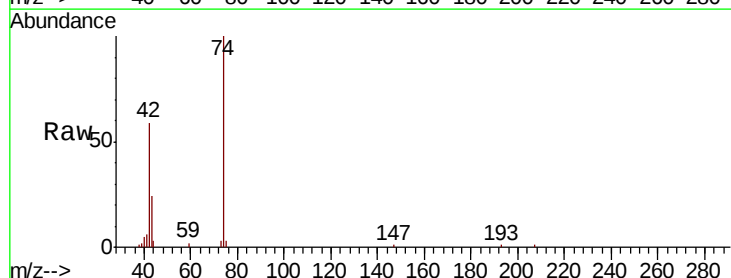


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

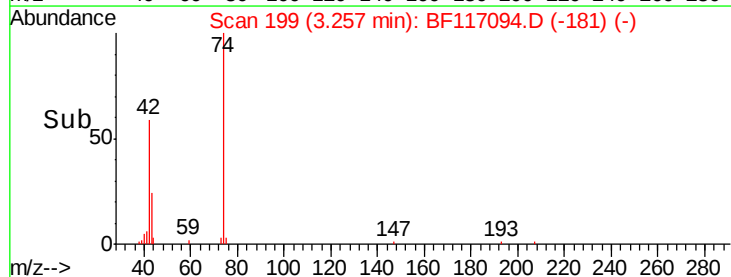
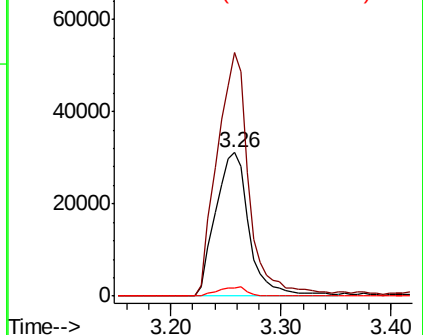


#4
 n-Nitrosodimethylamine
 Concen: 35.048 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion: 42 Resp: 66199
 Ion Ratio Lower Upper
 42 100
 74 169.8 127.1 190.7
 44 5.2 4.3 6.5



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

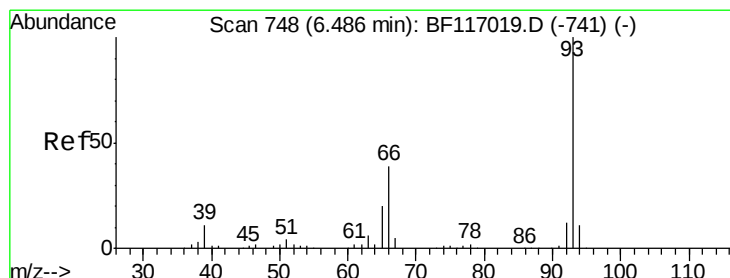
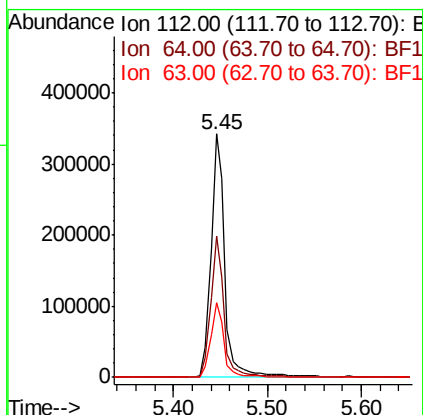
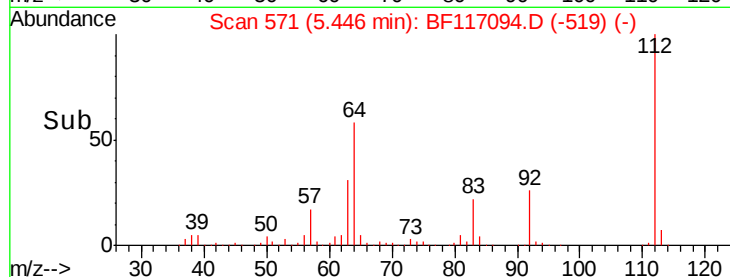
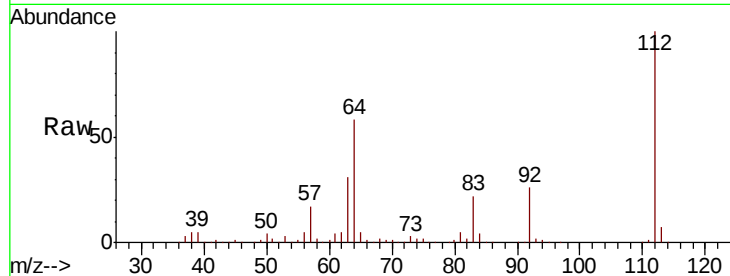




#5
2-Fluorophenol
Concen: 74.674 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

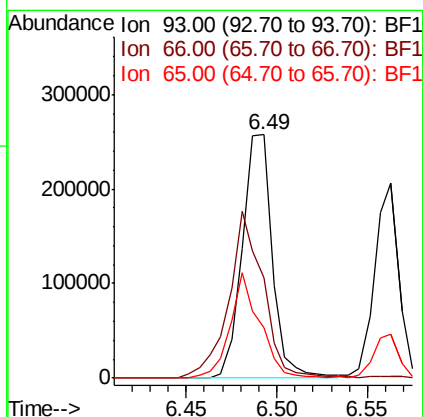
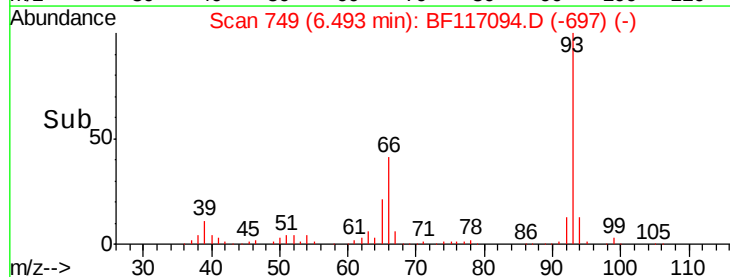
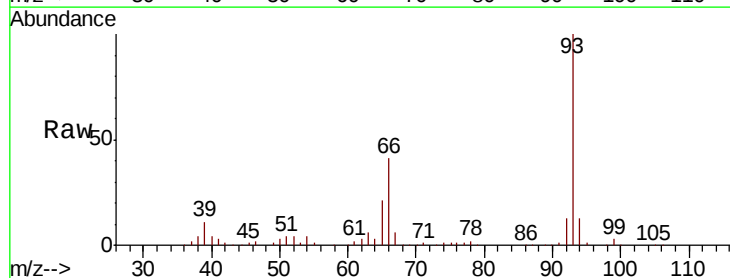
Instrument :
BNA_F
ClientSampleId :

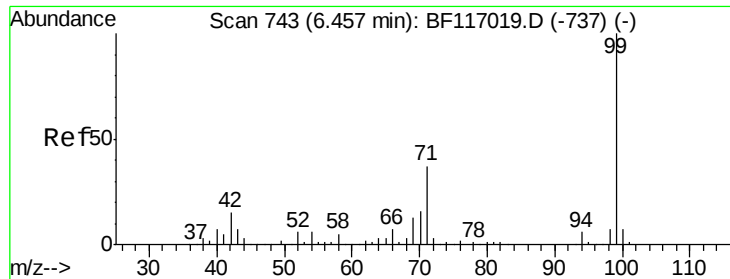
Tot Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.7	68.5
63	30.7	24.9	37.3



#6
Aniline
Concen: 37.324 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.2	32.6	49.0
65	20.7	16.7	25.1





#7

Phenol-d6

Concen: 75.045 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

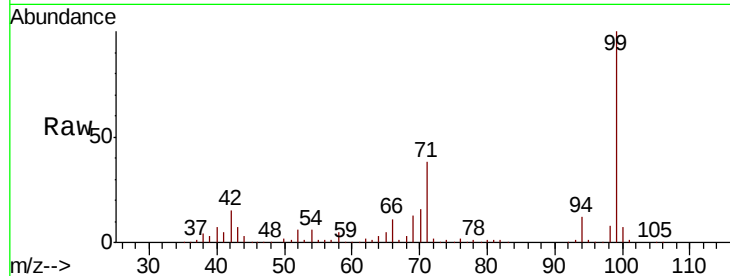
Tot Ion: 99 Resp: 466070

Ion Ratio Lower Upper

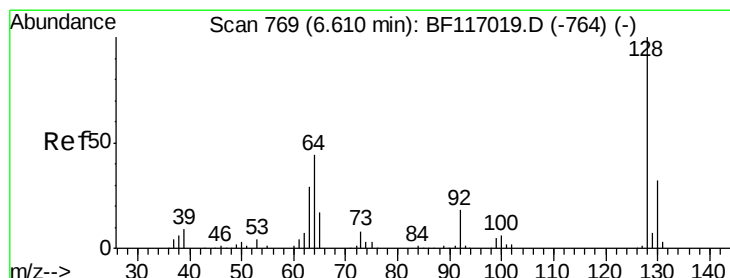
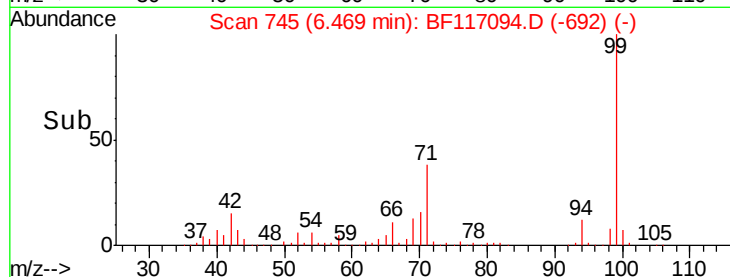
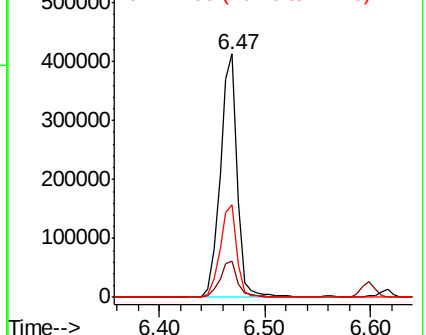
99 100

42 15.1 12.2 18.2

71 37.8 29.8 44.8



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: 38.449 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

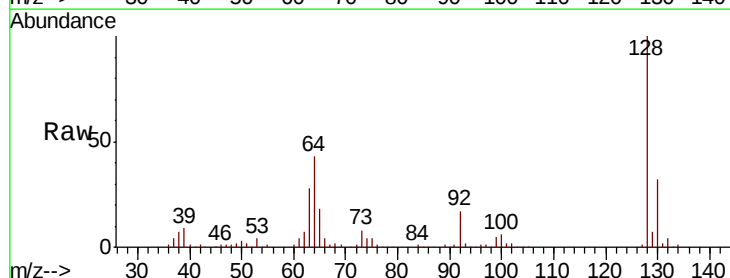
Tgt Ion:128 Resp: 199328

Ion Ratio Lower Upper

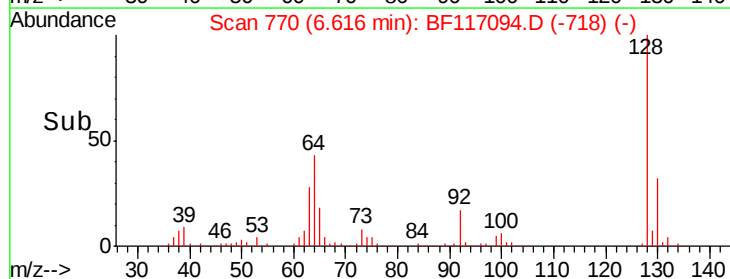
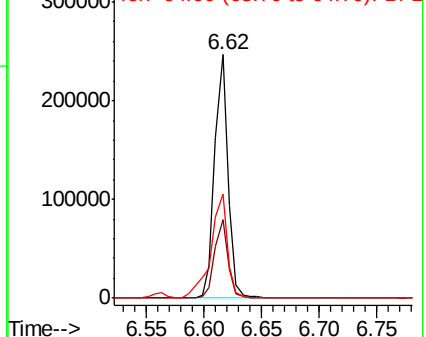
128 100

130 32.1 11.8 51.8

64 42.5 25.0 65.0



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

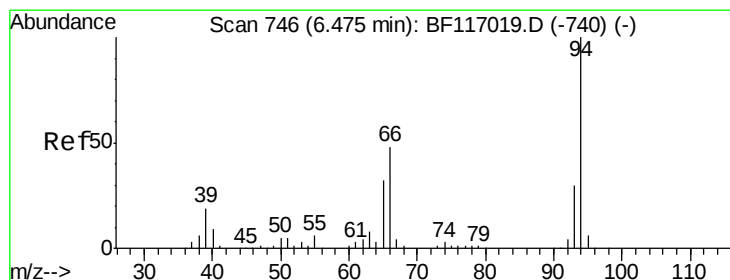
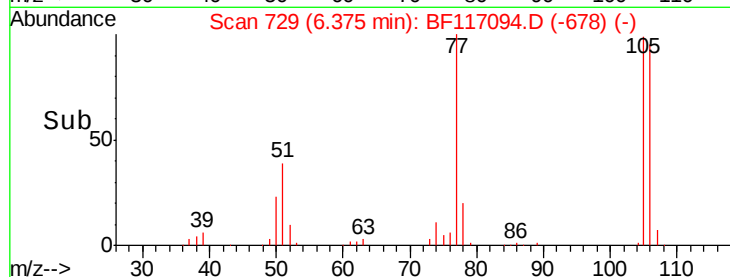
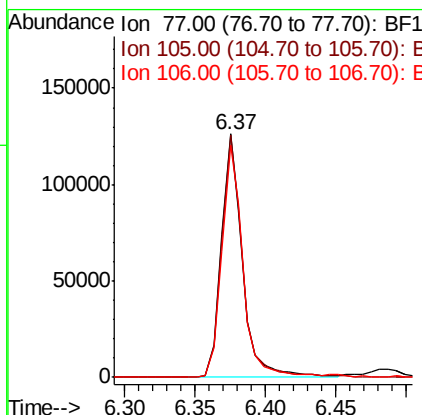
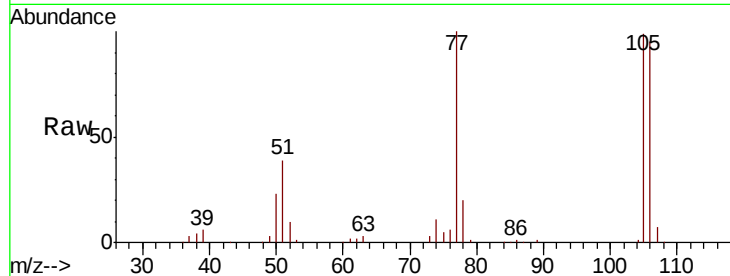




#9
Benzaldehyde
Concen: 42.645 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

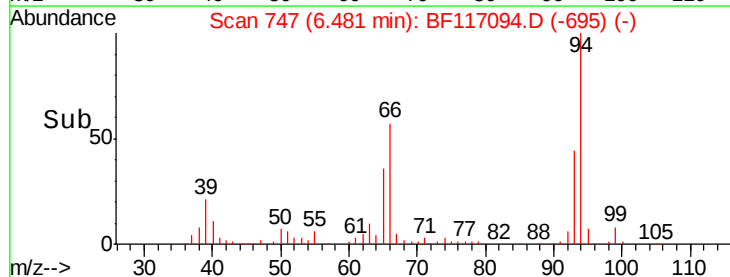
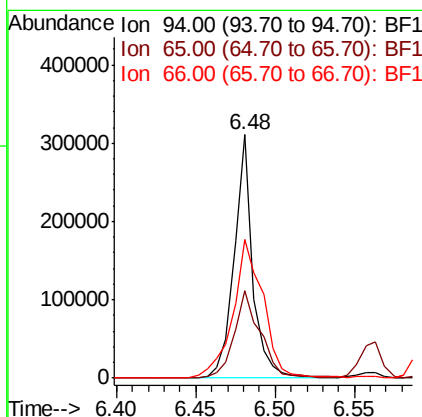
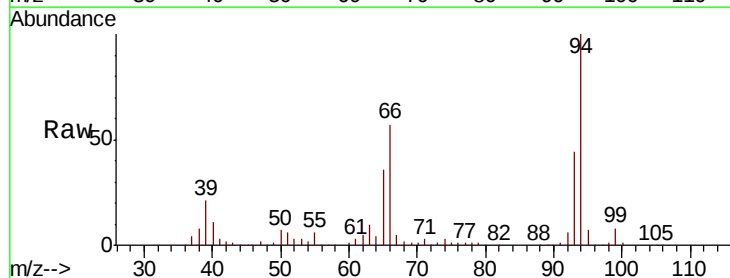
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	81.8	121.8
106	95.5	77.3	117.3



#10
Phenol
Concen: 37.256 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.9	12.5	52.5
66	56.8	28.9	68.9

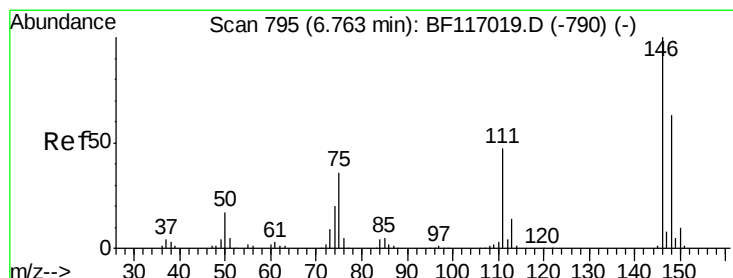
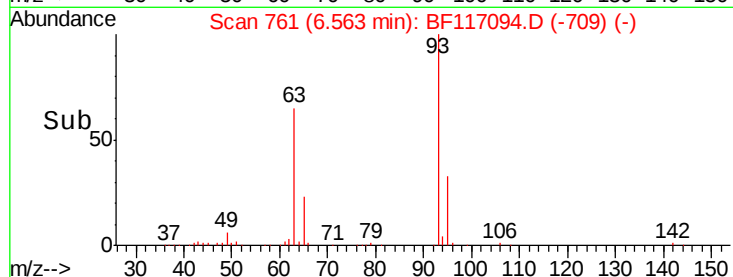
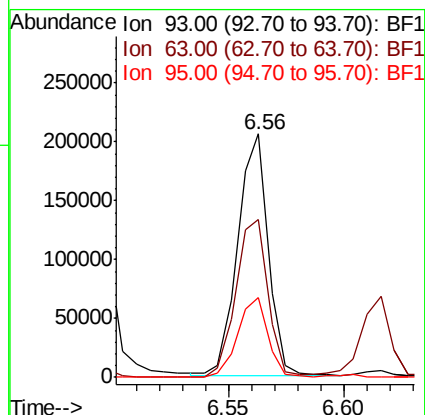
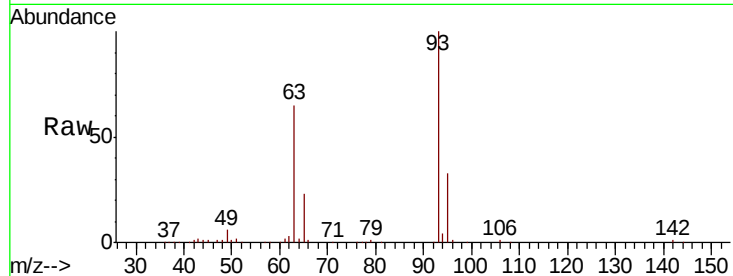




#11
bis(2-Chloroethyl)ether
Concen: 37.606 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

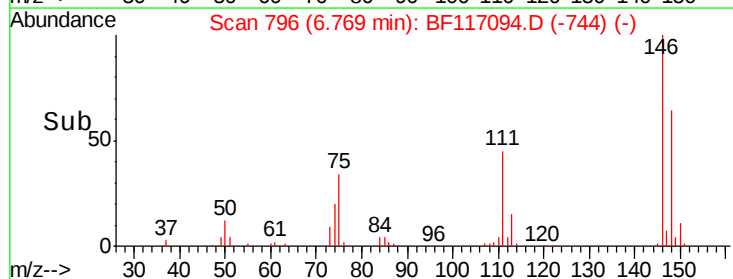
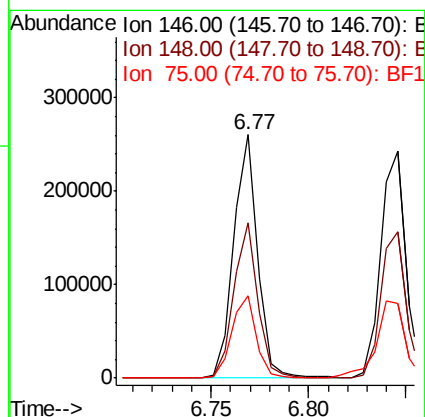
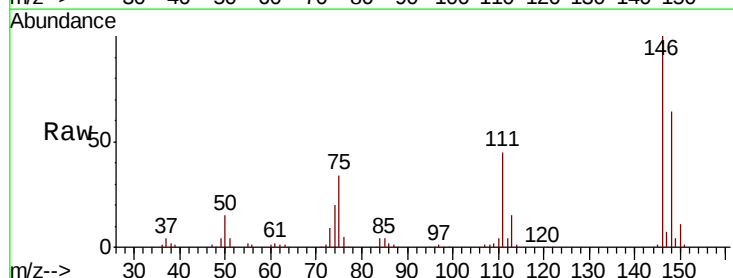
Instrument :
BNA_F
ClientSampled :

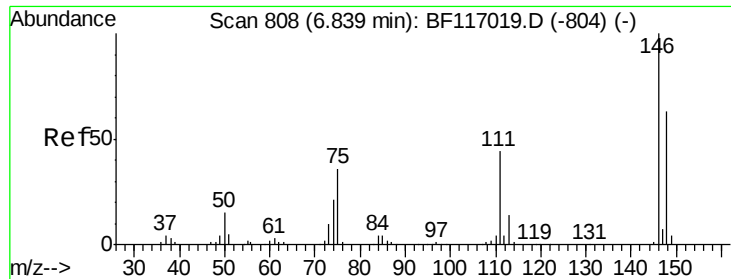
Tot Ion	93	Resp	189234
Ion Ratio	Lower	Upper	
93	100		
63	65.0	49.3	89.3
95	32.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 38.102 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	146	Resp	221656
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.8	76.2
75	34.1	28.7	43.1

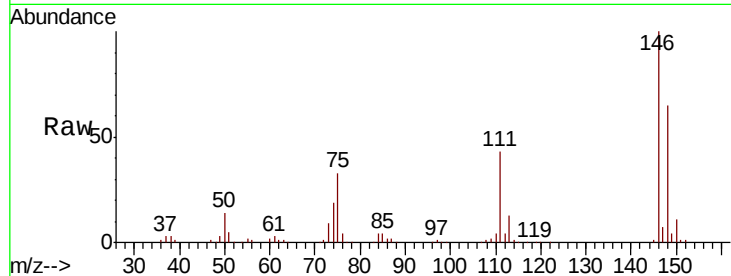




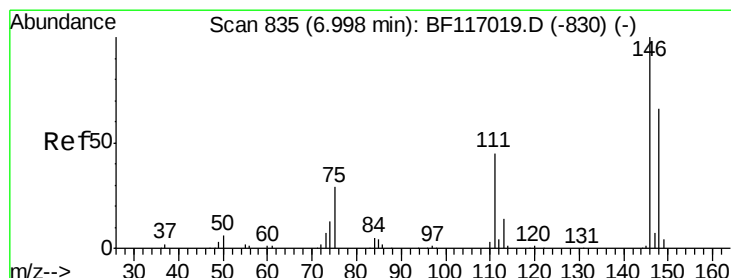
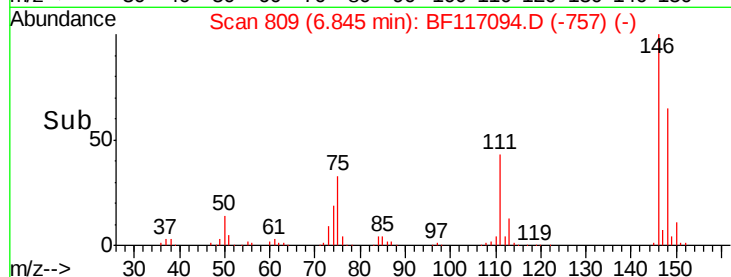
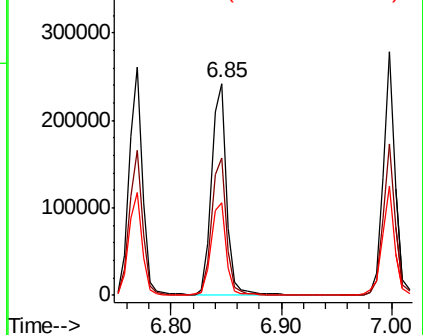
#13
 1,4-Dichlorobenzene
 Concen: 37.671 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	43.5	35.0	52.6

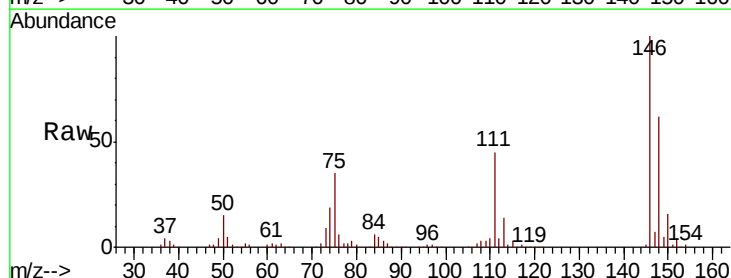


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

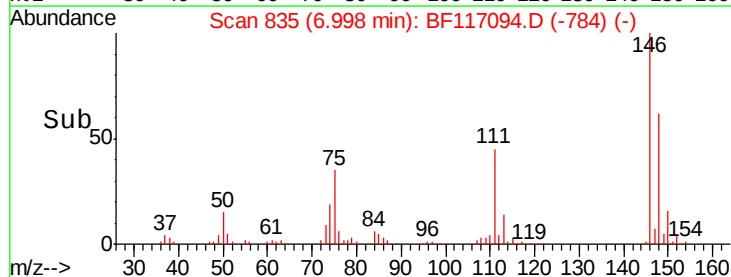
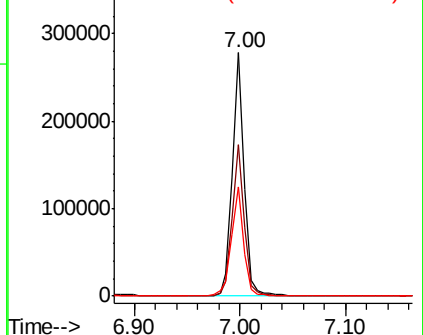


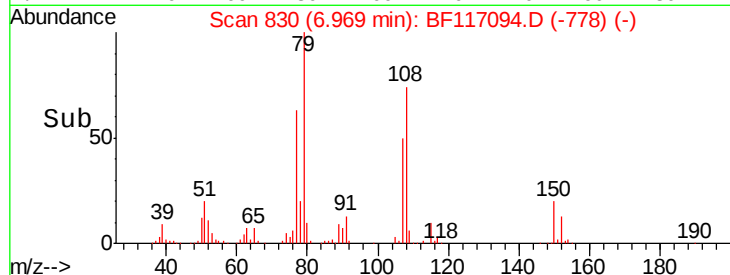
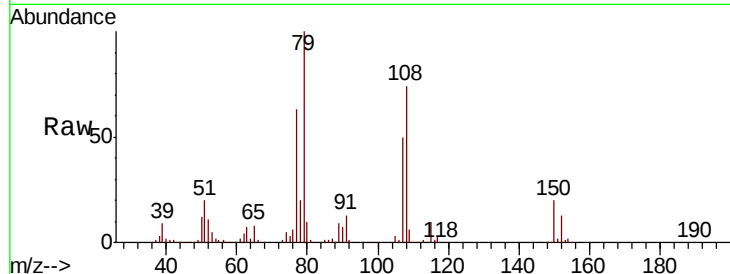
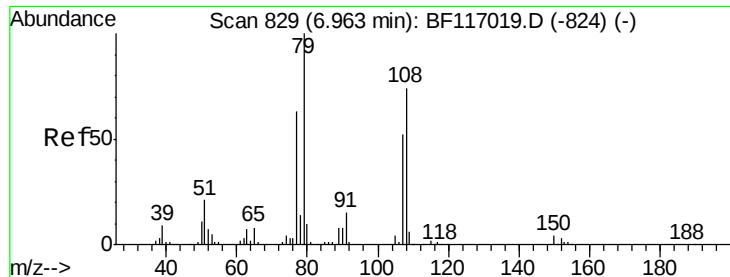
#14
 1,2-Dichlorobenzene
 Concen: 38.274 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.6	78.8
111	44.9	36.2	54.2



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

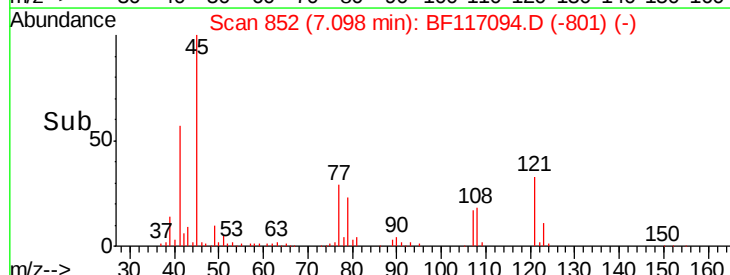
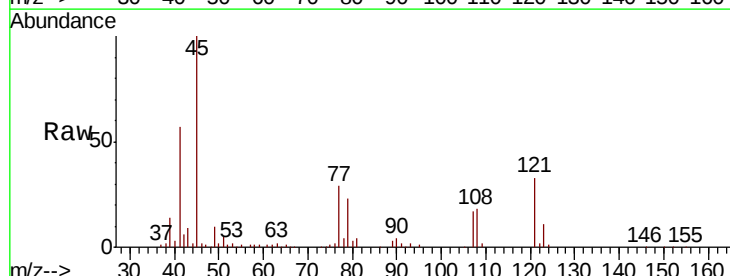
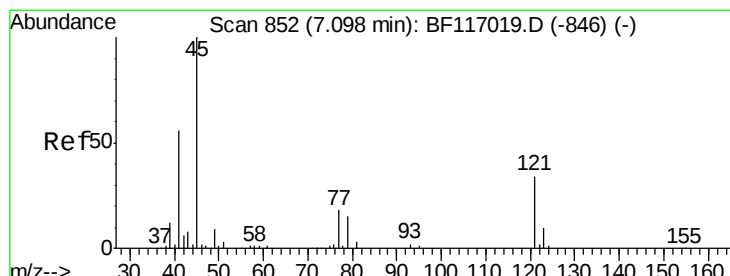
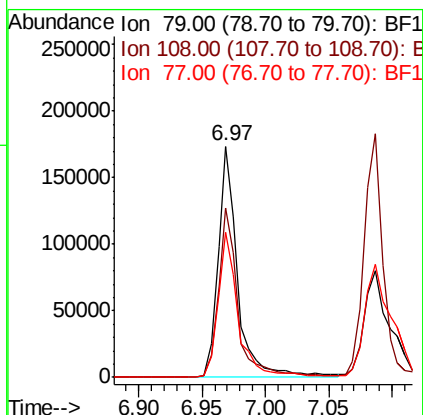




#15
Benzyl Alcohol
Concen: 39.533 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

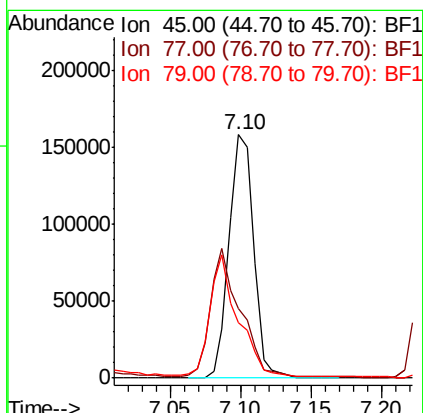
Instrument :
BNA_F
ClientSampled :

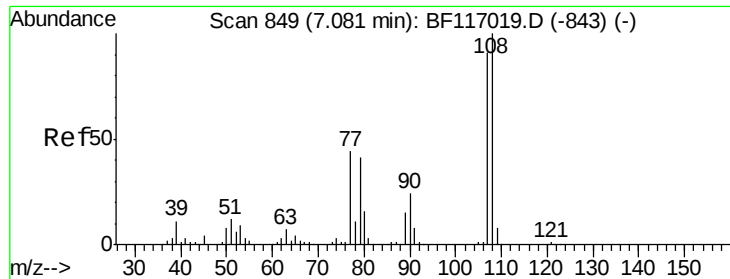
Tot Ion	79	Resp	188277
Ion Ratio	100	Lower	Upper
79	100		
108	73.5	59.4	89.0
77	63.0	50.2	75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.001 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	45	Resp	193893
Ion Ratio	100	Lower	Upper
45	100		
77	28.7	2.7	42.7
79	22.7	0.0	38.9

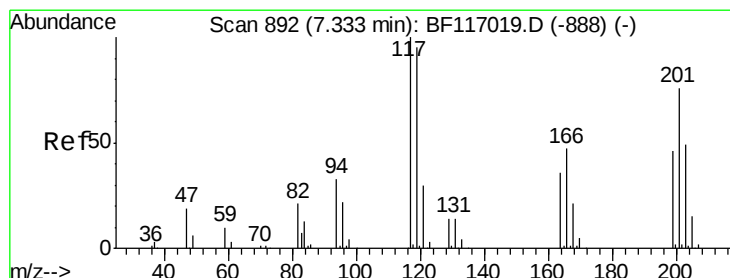
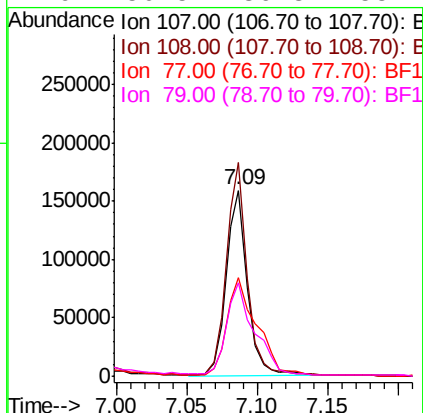
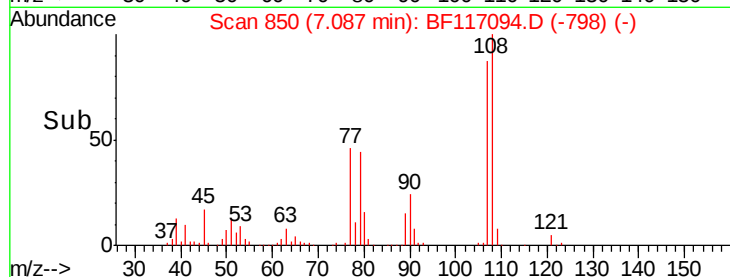
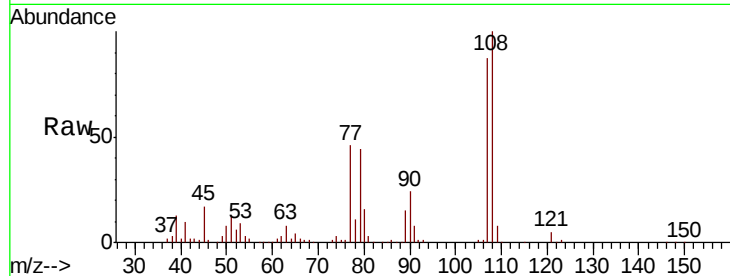




#17
2-Methylphenol
Concen: 38.025 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

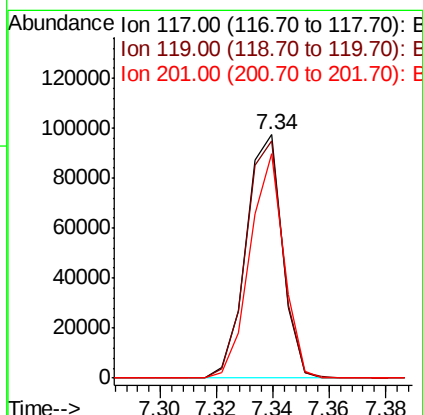
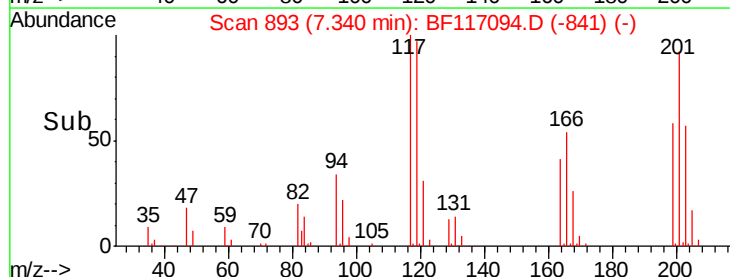
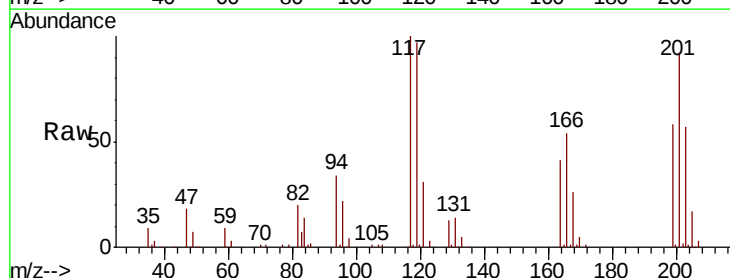
Instrument :
BNA_F
ClientSampleId :

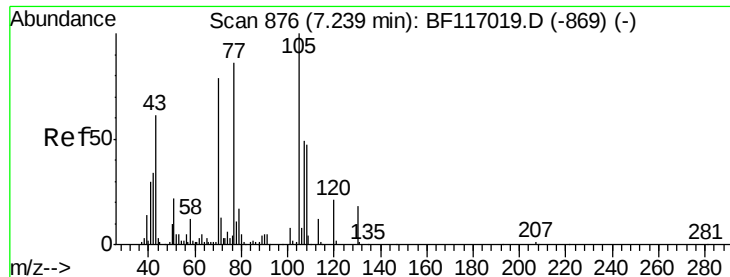
Tot Ion:	107	Resp:	165215
Ion	Ratio	Lower	Upper
107	100		
108	114.9	87.7	131.5
77	53.3	38.6	58.0
79	50.5	36.8	55.2



#18
Hexachloroethane
Concen: 38.087 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:	117	Resp:	86987
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	92.2	60.9	91.3#

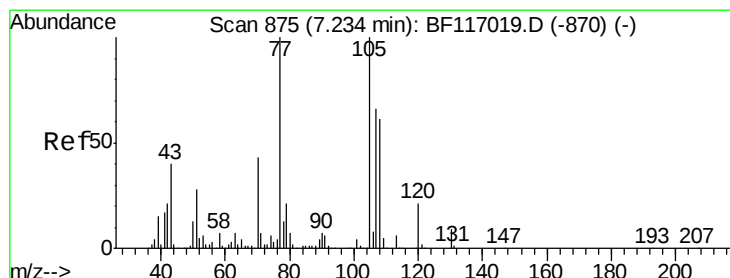
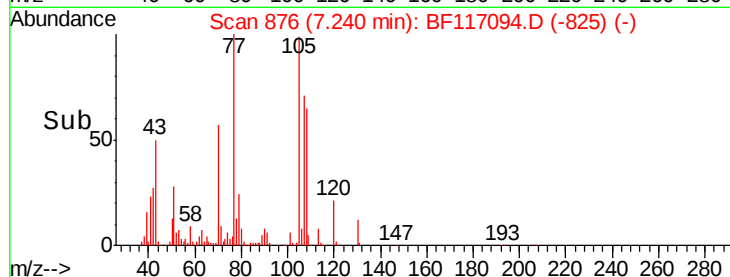
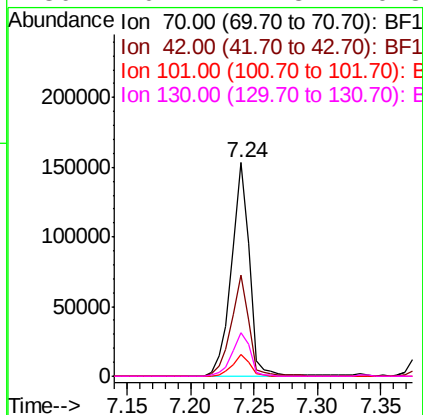
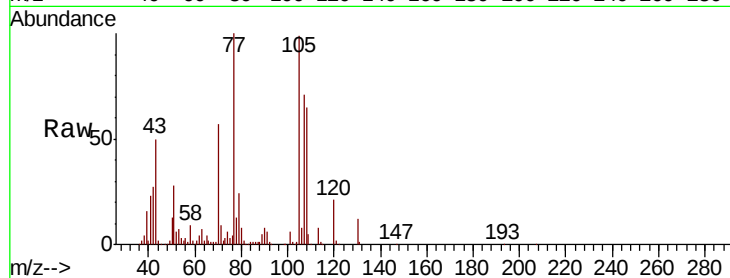




#19
n-Nitroso-di-n-propylamine
Concen: 39.390 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

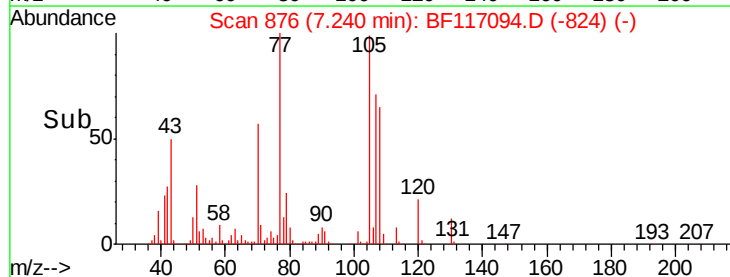
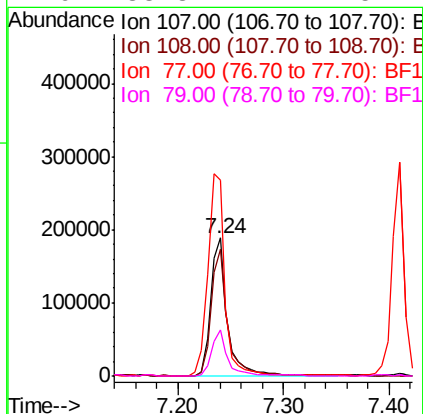
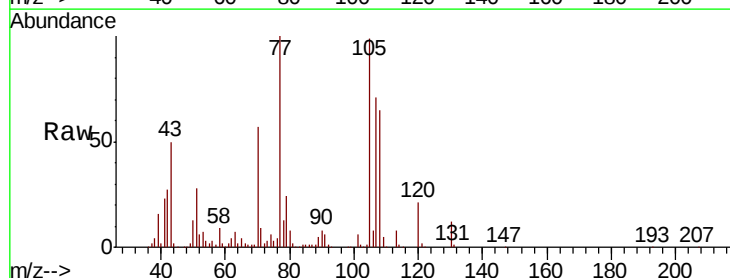
Instrument :
BNA_F
ClientSampleId :

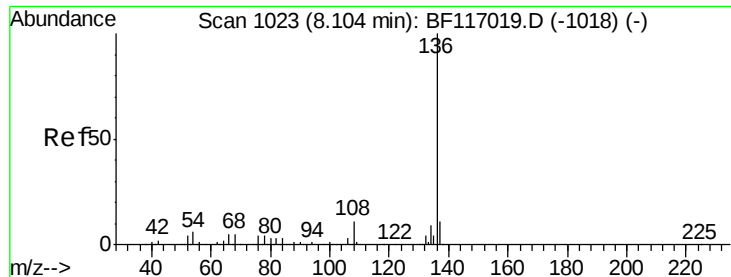
Tot Ion:	70	Resp:	148964
Ion	Ratio	Lower	Upper
70	100		
42	47.1	34.0	51.0
101	10.0	7.8	11.6
130	20.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 38.797 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:	107	Resp:	209968
Ion	Ratio	Lower	Upper
107	100		
108	92.2	72.6	112.6
77	141.8	132.1	172.1
79	33.3	12.1	52.1

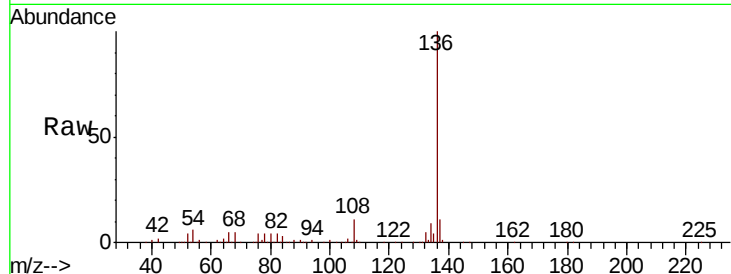




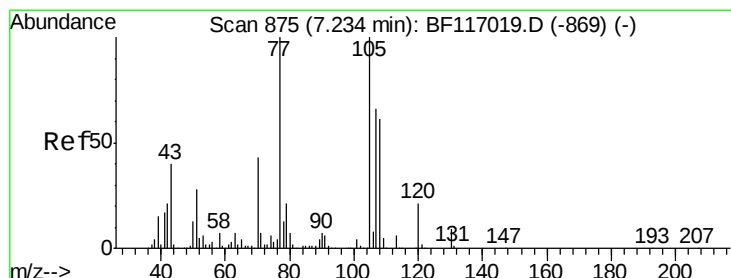
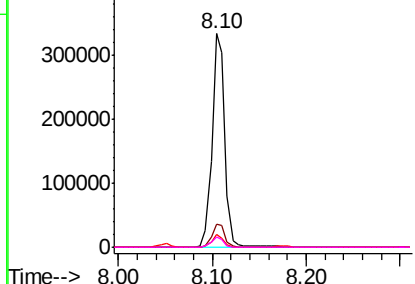
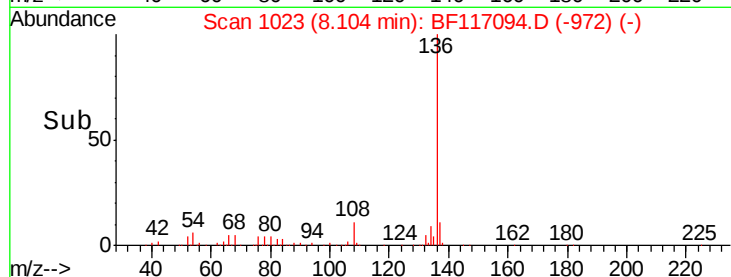
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	321672
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.4
54	6.2	4.5 6.7
68	4.9	4.0 6.0

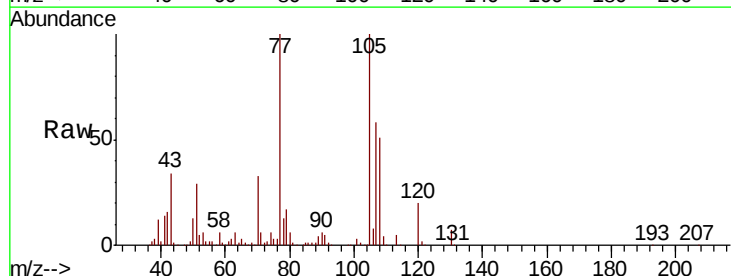


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

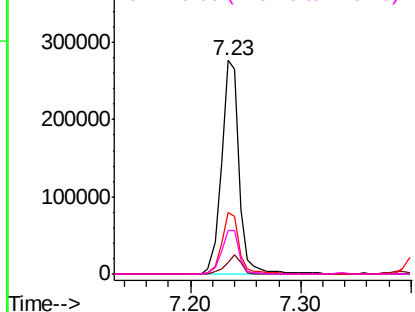
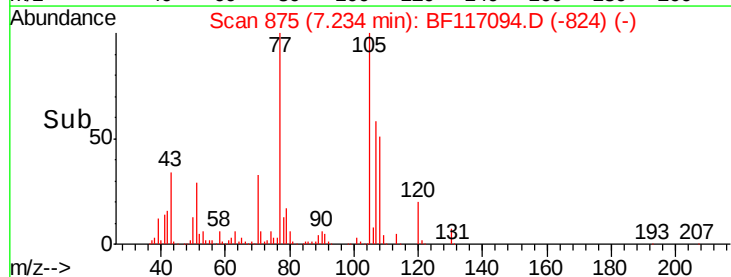


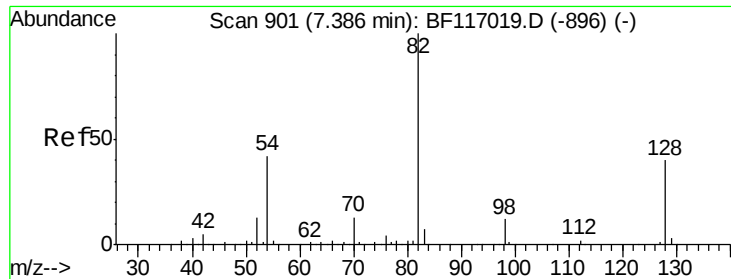
#22
Acetophenone
Concen: 37.657 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:105	Resp:	307760
Ion Ratio	Lower	Upper
105	100	
71	5.6	5.7 8.5#
51	28.5	22.1 33.1
120	20.4	17.1 25.7



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

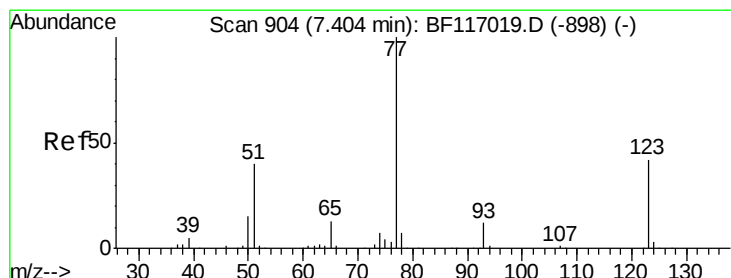
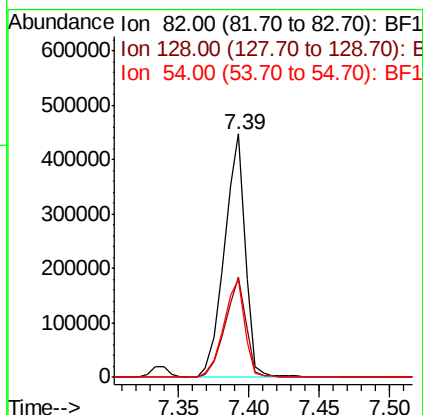
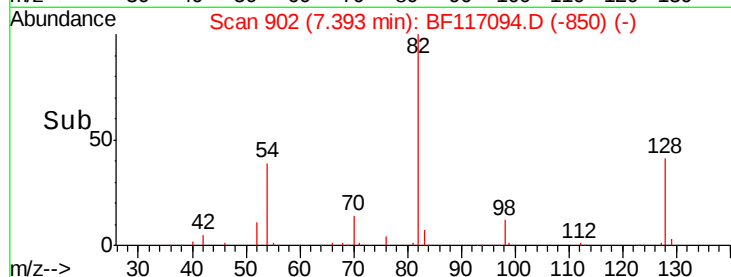
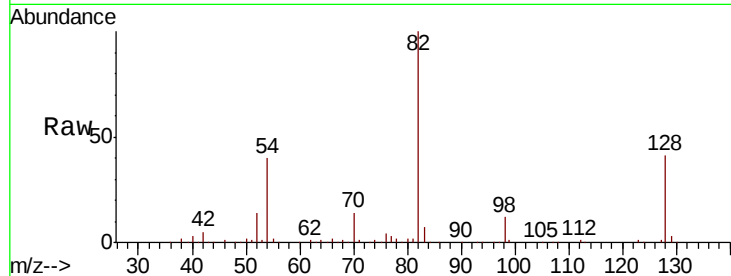




#23
Nitrobenzene-d5
Concen: 75.640 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

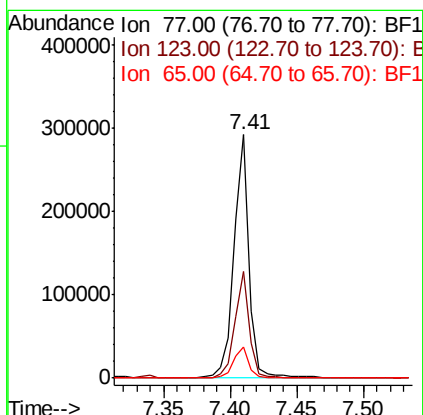
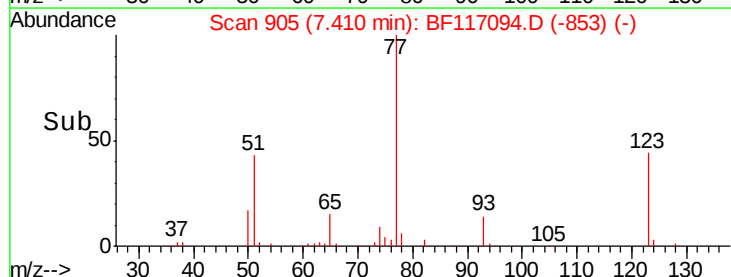
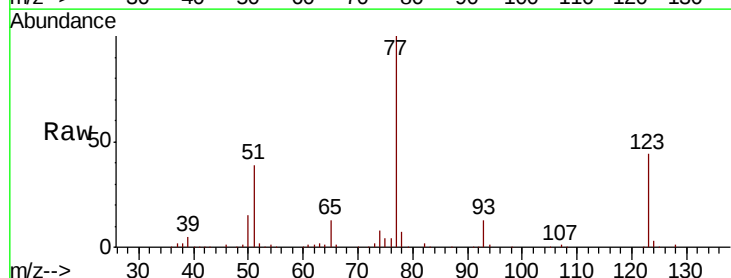
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.3	48.5
54	40.4	33.3	49.9



#24
Nitrobenzene
Concen: 37.955 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.5	50.3
65	12.9	10.5	15.7





#25

Isophorone

Concen: 37.905 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

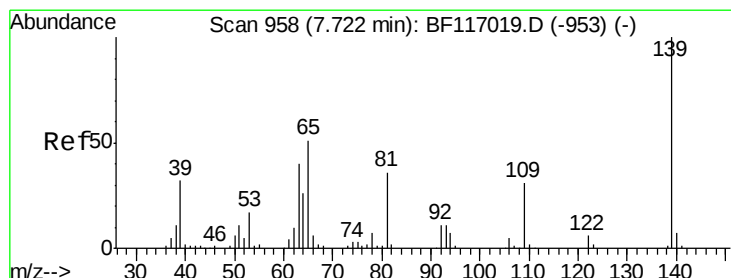
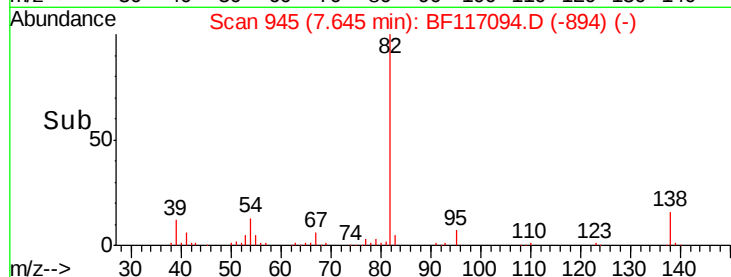
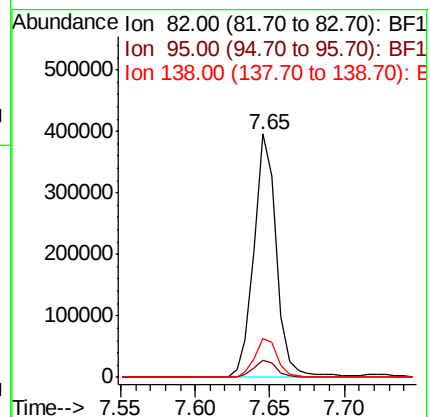
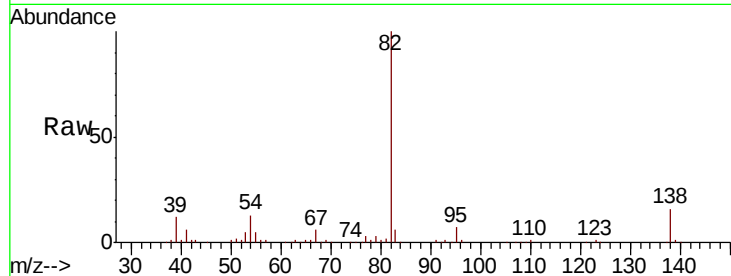
Tot Ion: 82 Resp: 410876

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

138 16.2 13.5 20.3



#26

2-Nitrophenol

Concen: 40.189 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

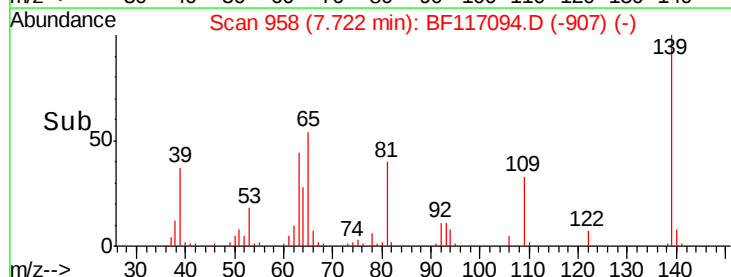
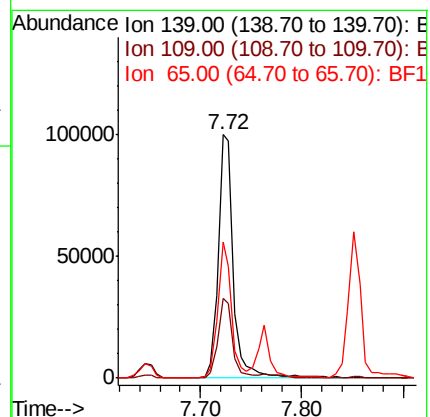
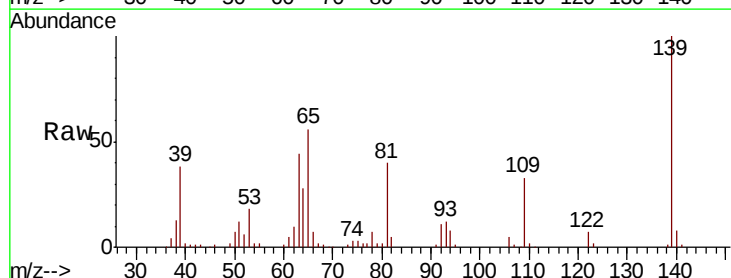
Tgt Ion: 139 Resp: 104368

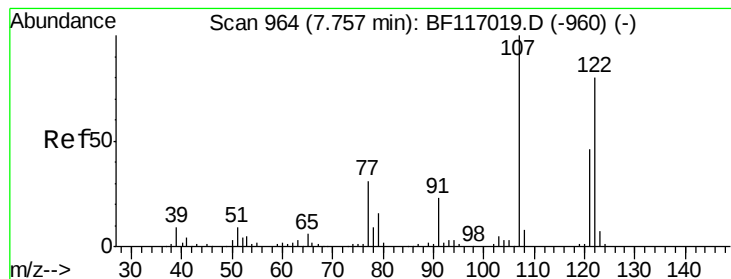
Ion Ratio Lower Upper

139 100

109 32.9 24.6 36.8

65 55.8 40.9 61.3





#27

2,4-Dimethylphenol

Concen: 37.402 ng

RT: 7.76 min Scan# 965

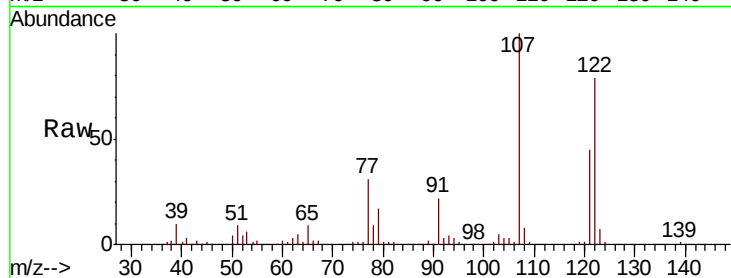
Delta R.T. 0.01 min

Lab File: BF117094.D

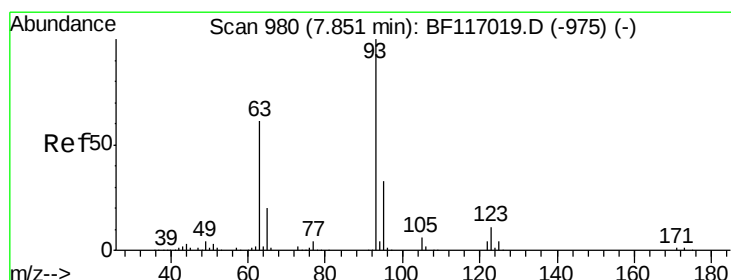
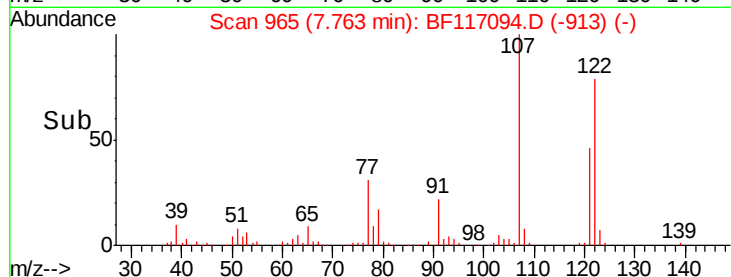
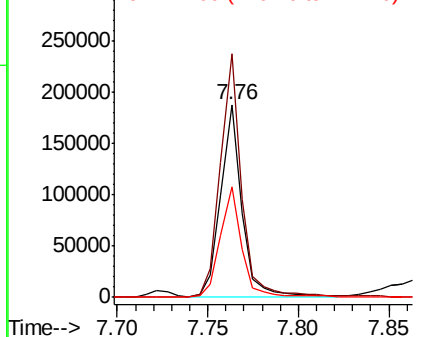
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	122	Resp:	154027
Ion	Ratio	Lower	Upper
122	100		
107	126.1	98.9	148.3
121	57.3	45.3	67.9



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: 38.083 ng

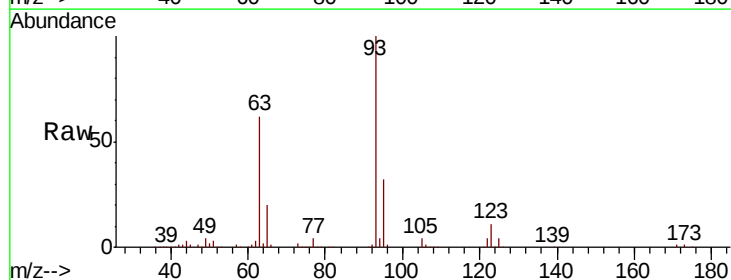
RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

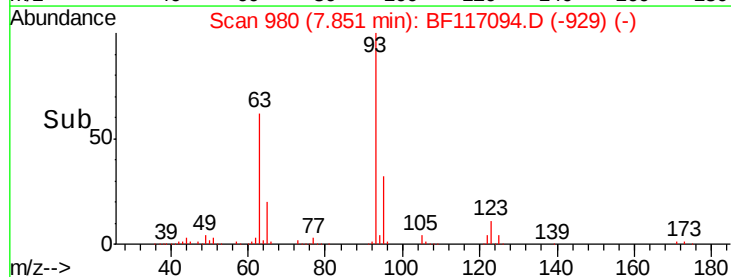
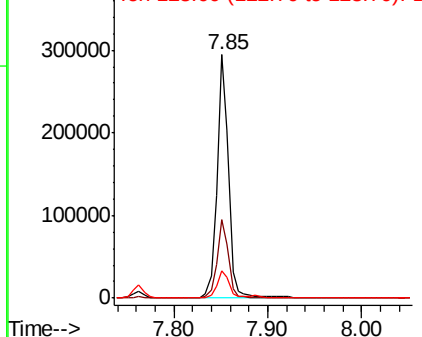
Lab File: BF117094.D

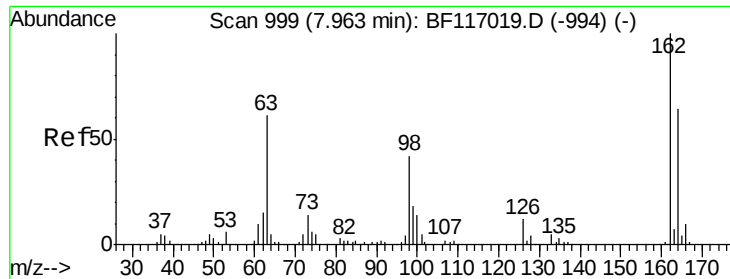
Acq: 17 Sep 2019 9:25

Tgt Ion:	93	Resp:	254335
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.2	39.4
123	11.3	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

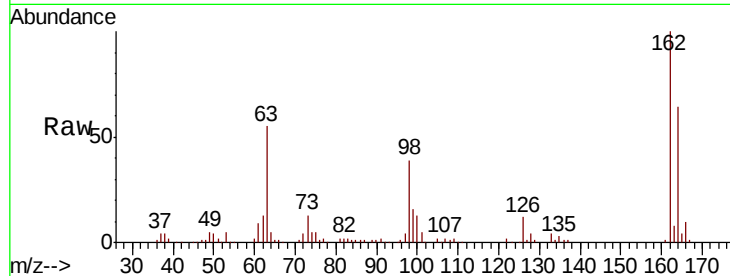




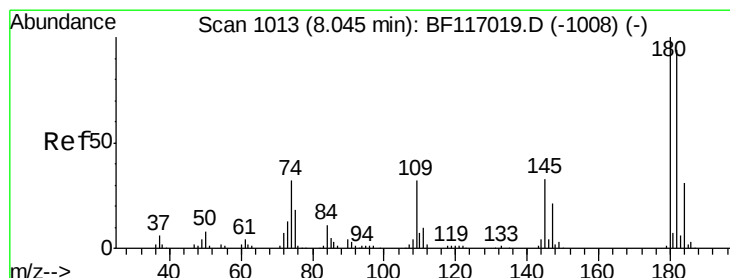
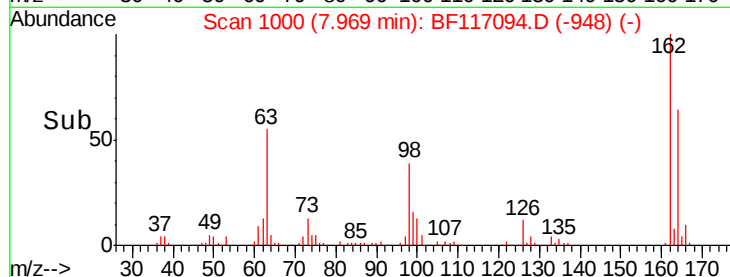
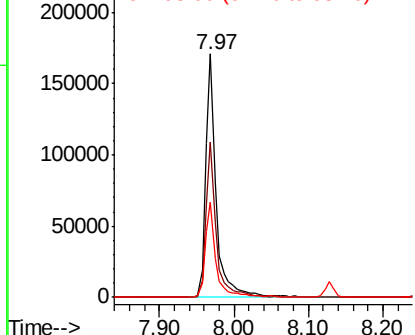
#29
 2,4-Dichlorophenol
 Concen: 39.198 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	39.3	22.1	62.1

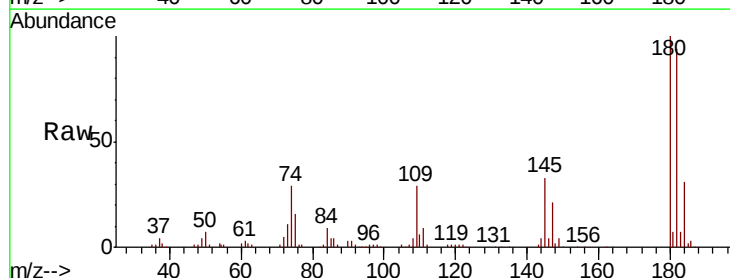


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

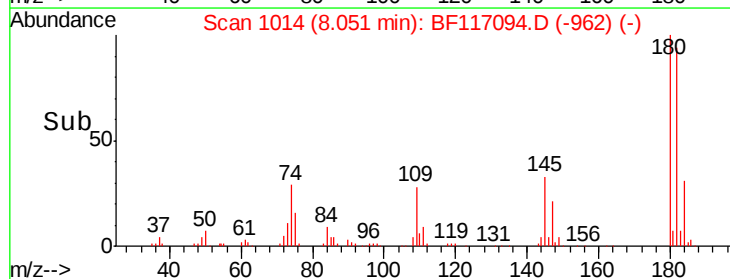
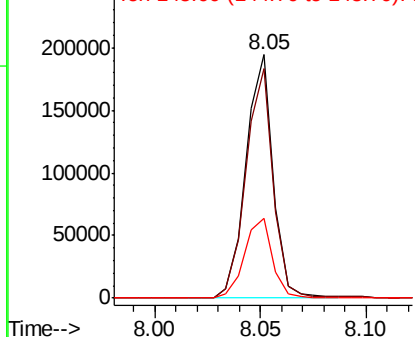


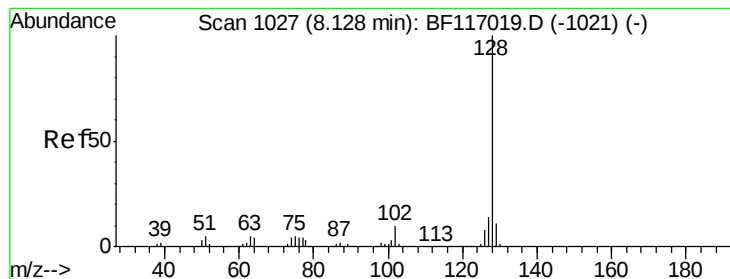
#30
 1,2,4-Trichlorobenzene
 Concen: 37.246 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	32.9	26.7	40.1



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: 37.642 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

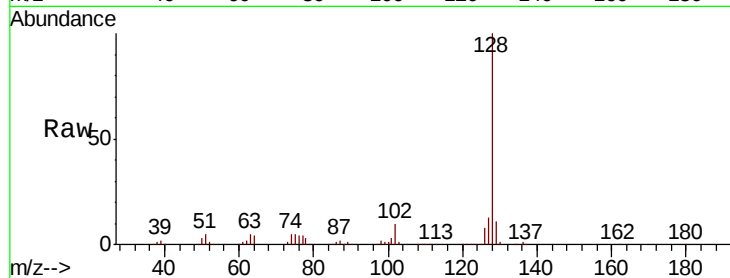
Tot Ion:128 Resp: 582336

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

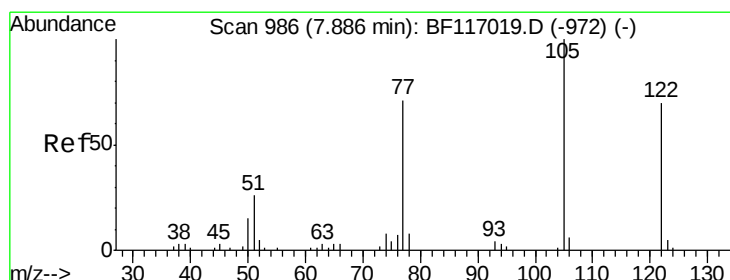
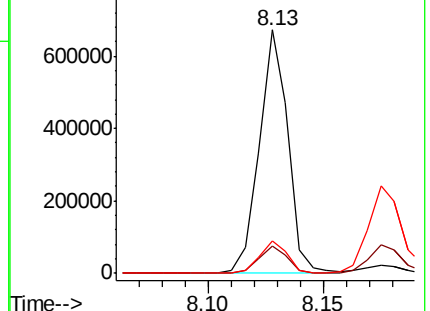
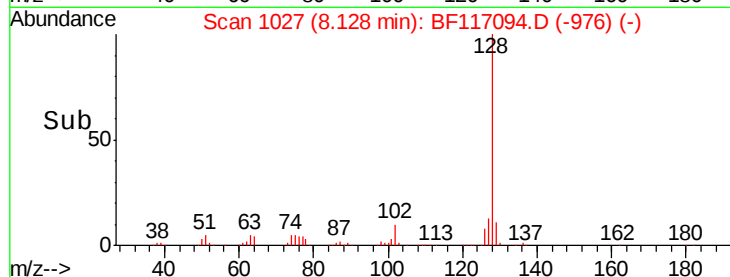
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.532 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

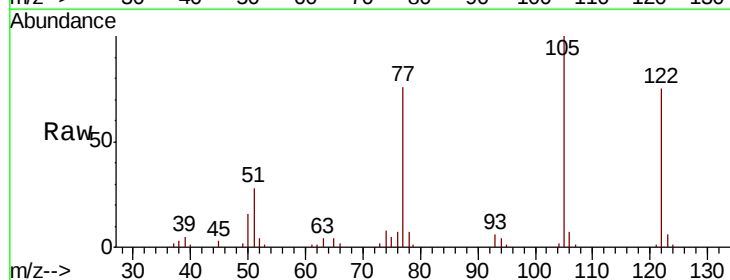
Tgt Ion:122 Resp: 89894

Ion Ratio Lower Upper

122 100

105 134.0 114.8 154.8

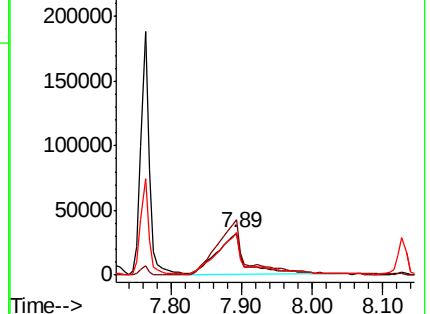
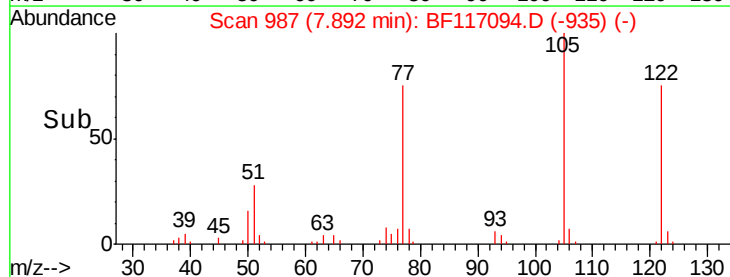
77 101.8 78.7 118.7

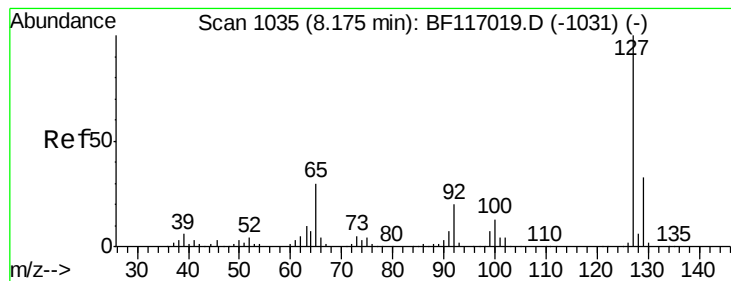


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

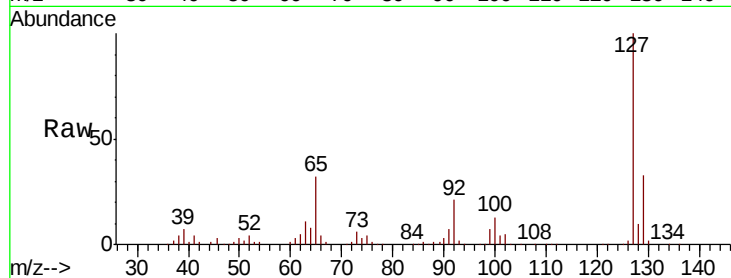




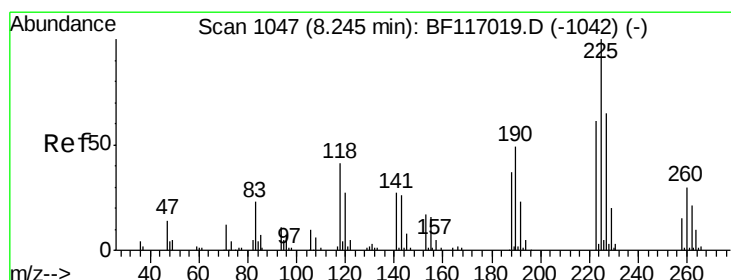
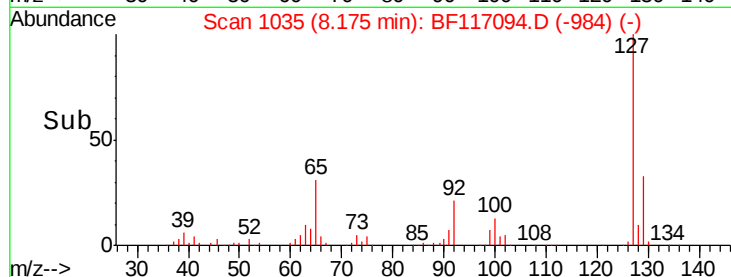
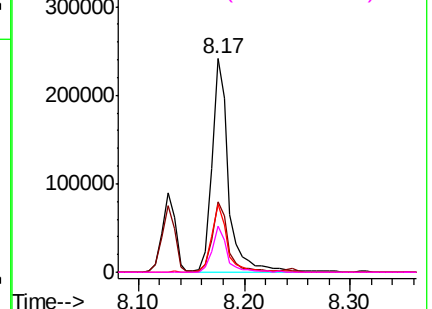
#33
4-Chloroaniline
Concen: 38.138 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	261692
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	31.9	23.5	35.3
92	21.4	15.9	23.9

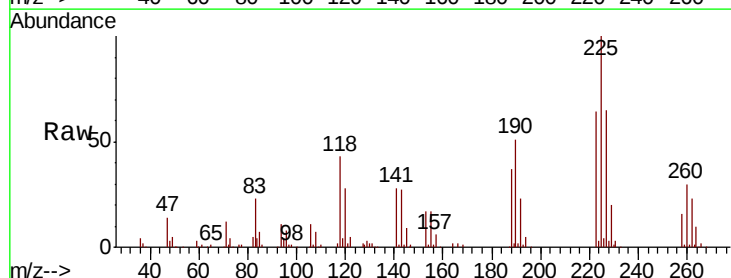


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

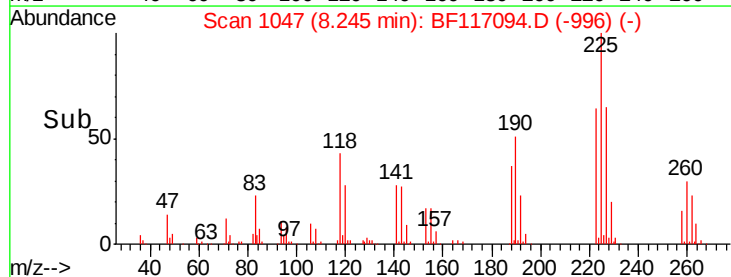
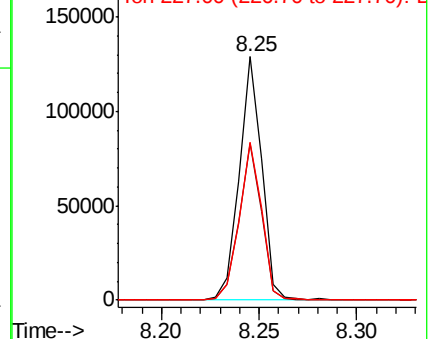


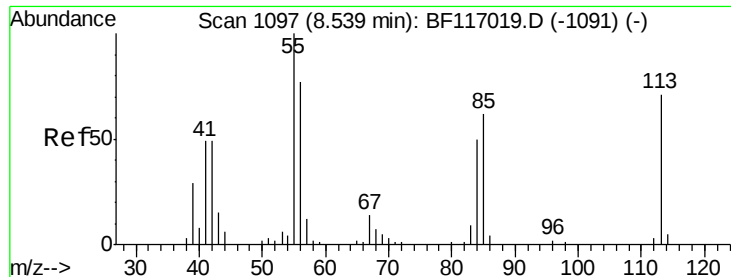
#34
Hexachlorobutadiene
Concen: 38.843 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:	225	Resp:	102737
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.1	73.7
227	64.6	52.2	78.2



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

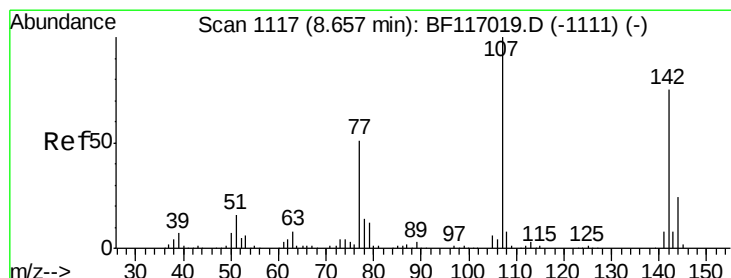
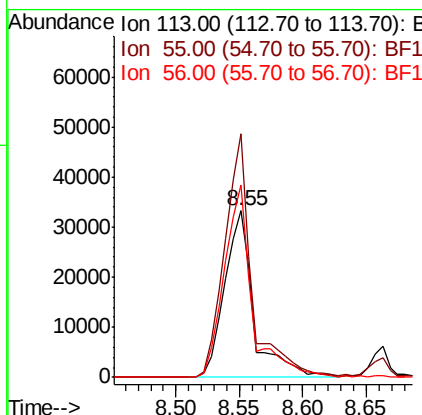
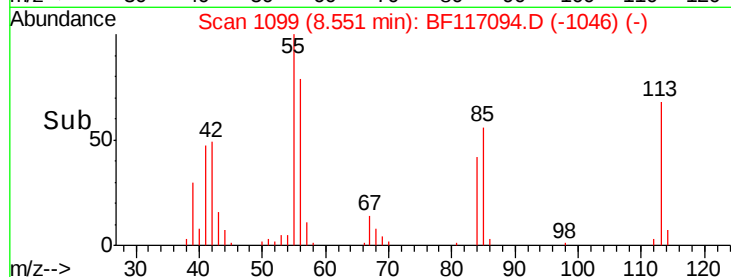
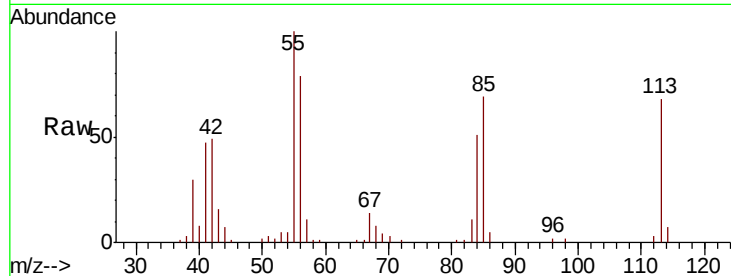




#35
Caprolactam
Concen: 35.916 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

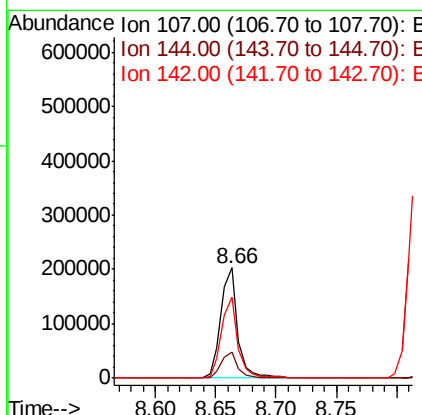
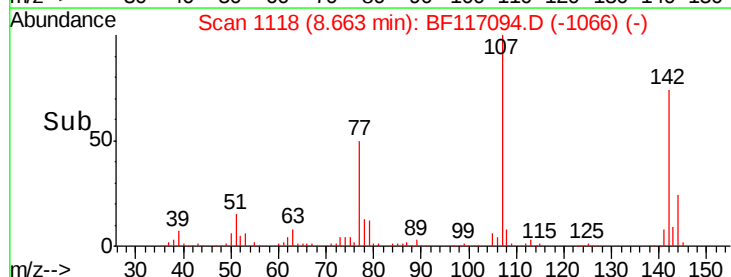
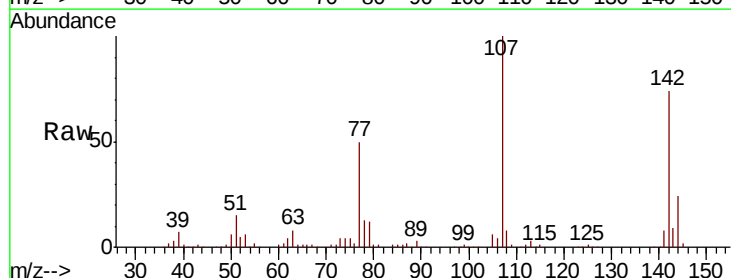
Instrument :
BNA_F
ClientSampled :

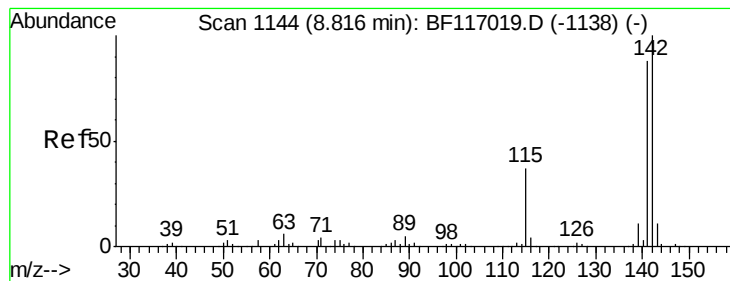
Tot Ion:113 Resp: 52457
Ion Ratio Lower Upper
113 100
55 146.1 120.6 160.6
56 115.5 88.8 128.8



#36
4-Chloro-3-methylphenol
Concen: 38.664 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:107 Resp: 194535
Ion Ratio Lower Upper
107 100
144 23.8 19.2 28.8
142 74.2 59.6 89.4





#37

2-Methylnaphthalene

Concen: 38.284 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

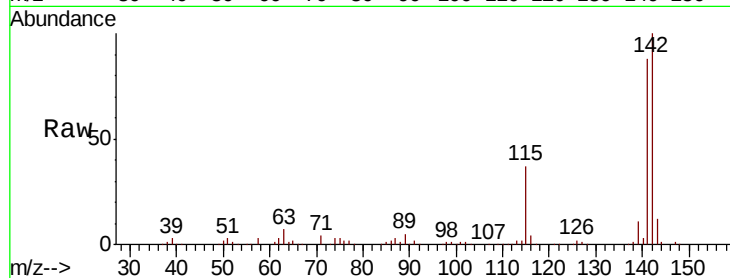
Tot Ion:142 Resp: 398828

Ion Ratio Lower Upper

142 100

141 87.8 70.7 106.1

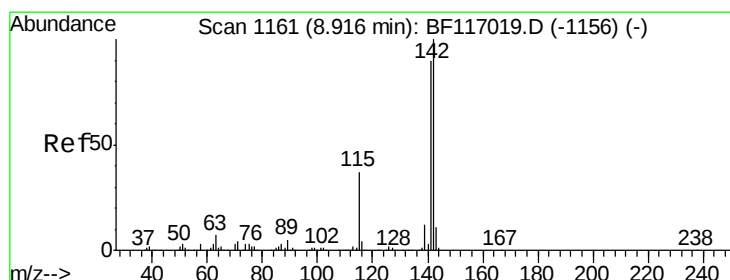
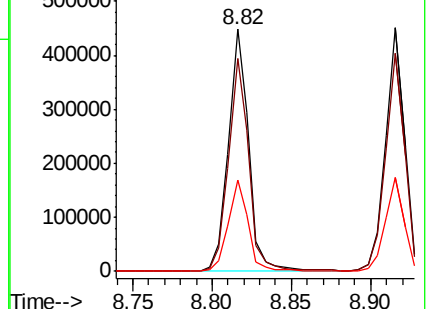
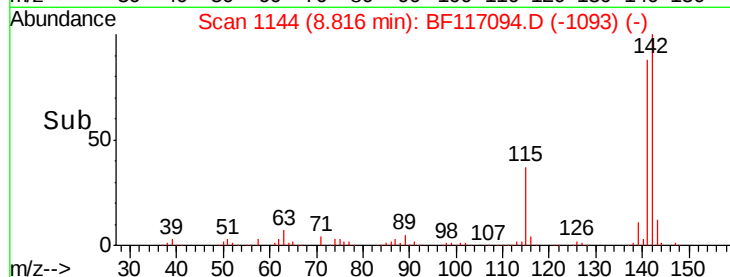
115 37.5 29.4 44.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 38.619 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

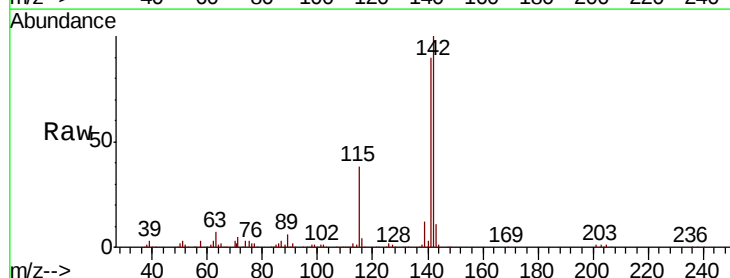
Tgt Ion:142 Resp: 376807

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9

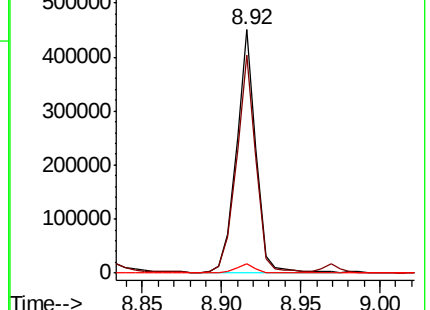
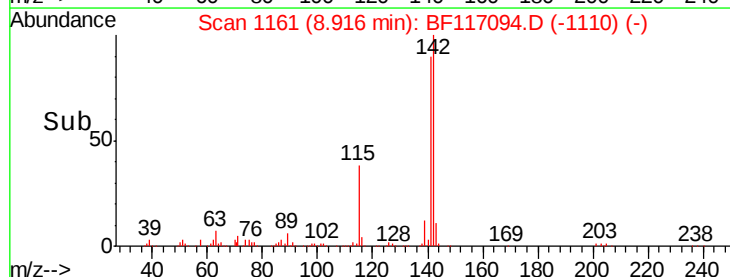
116 3.9 3.2 4.8

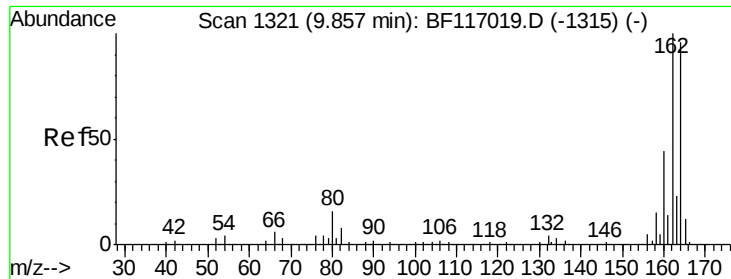


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

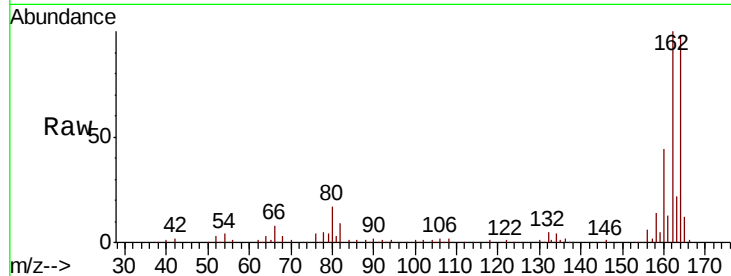




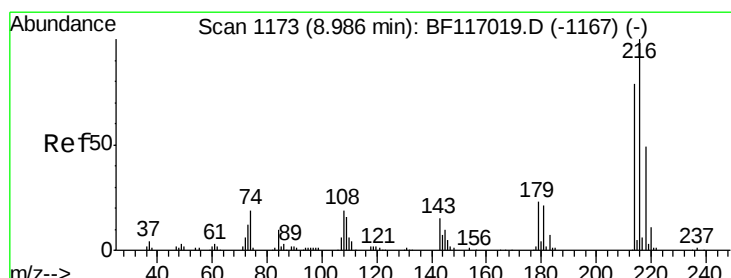
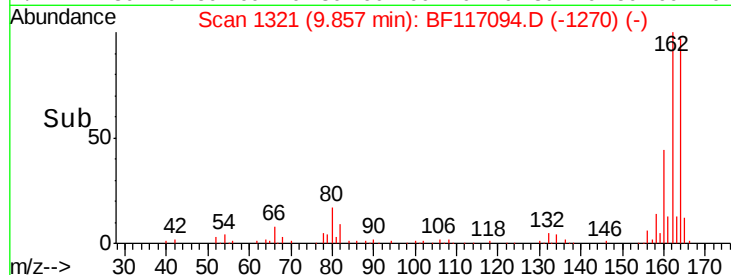
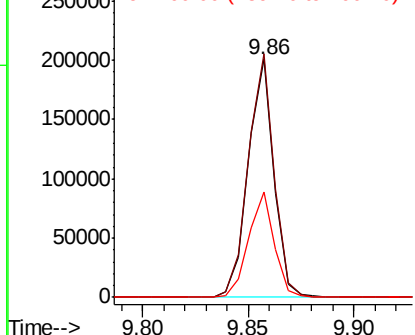
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 170143
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.4 125.2
 160 44.5 36.4 54.6

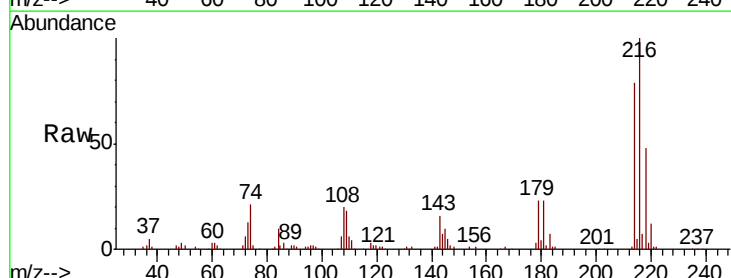


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

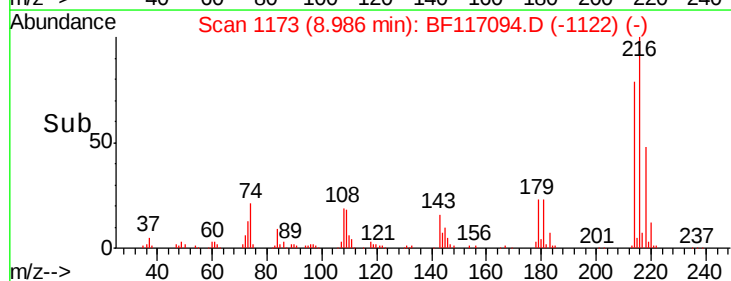
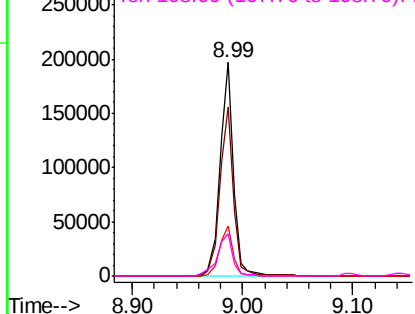


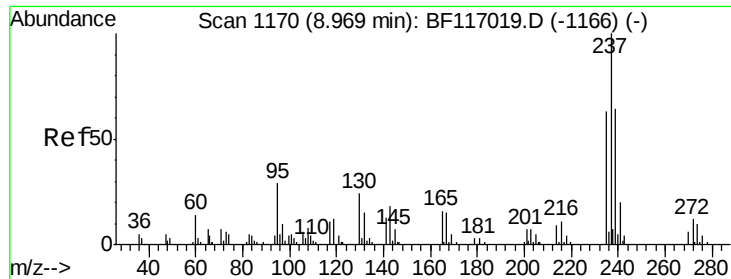
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.825 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion:216 Resp: 166187
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.6 95.4
 179 23.7 18.3 27.5
 108 22.6 17.8 26.6



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





#41

Hexachlorocyclopentadiene

Concen: 42.194 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

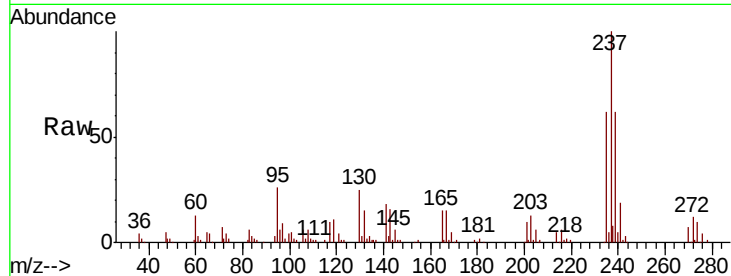
Tot Ion:237 Resp: 73958

Ion Ratio Lower Upper

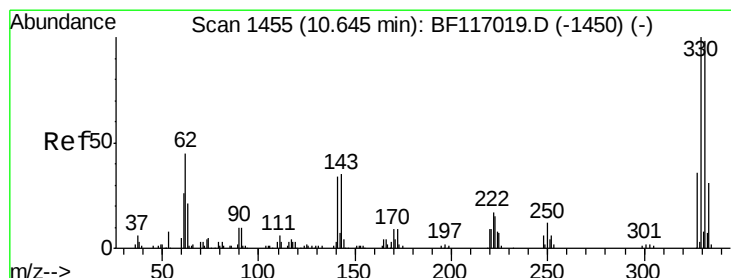
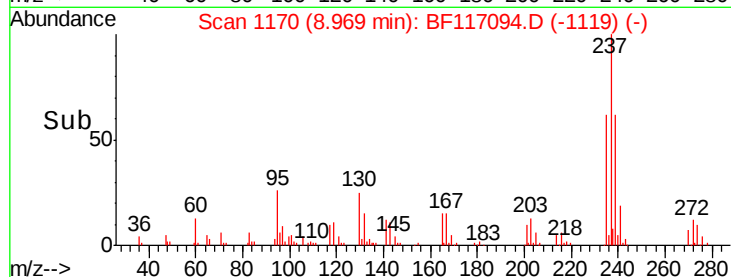
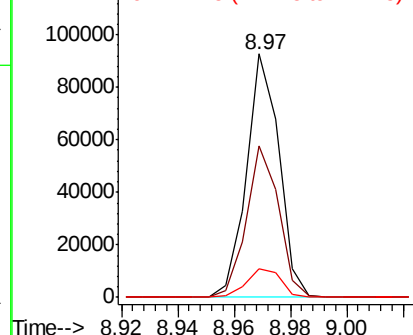
237 100

235 62.2 43.2 83.2

272 11.6 0.0 31.9



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: 80.329 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

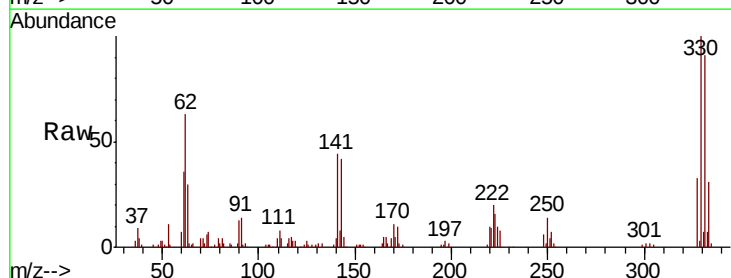
Tgt Ion:330 Resp: 114228

Ion Ratio Lower Upper

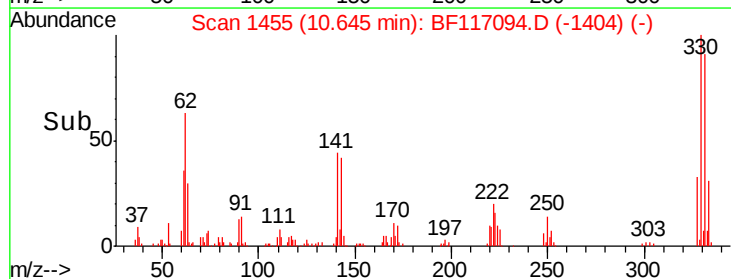
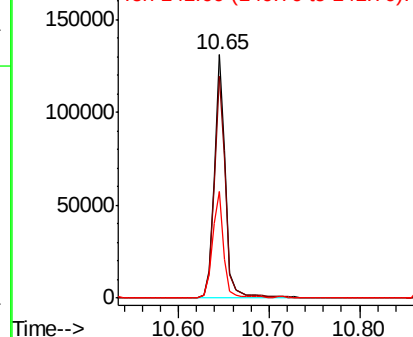
330 100

332 93.1 78.0 117.0

141 44.4 35.8 53.6



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

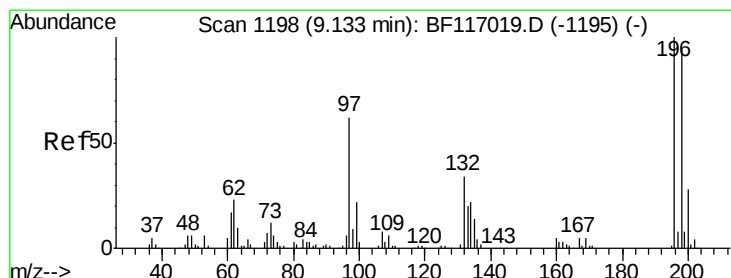
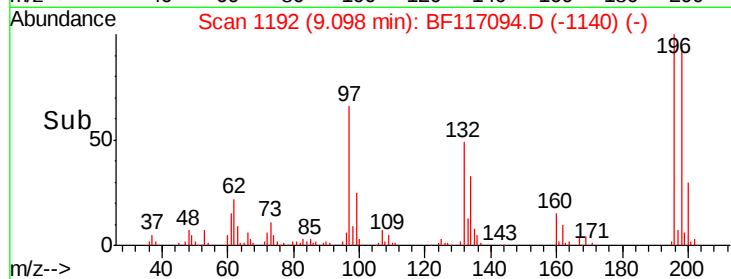
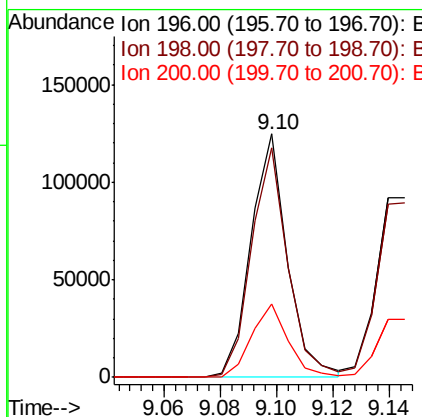
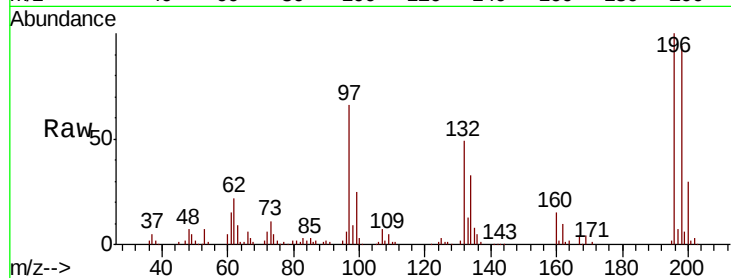




#43
 2,4,6-Trichlorophenol
 Concen: 37.372 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

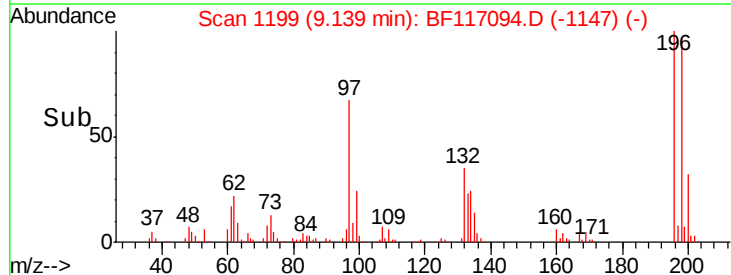
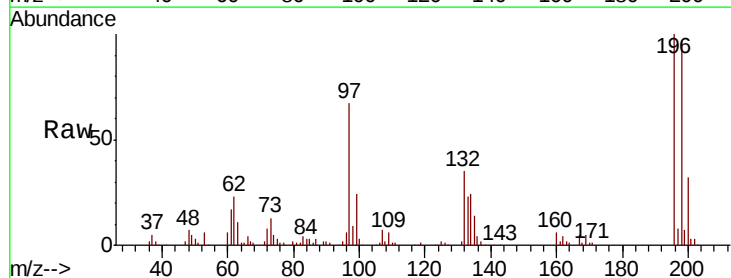
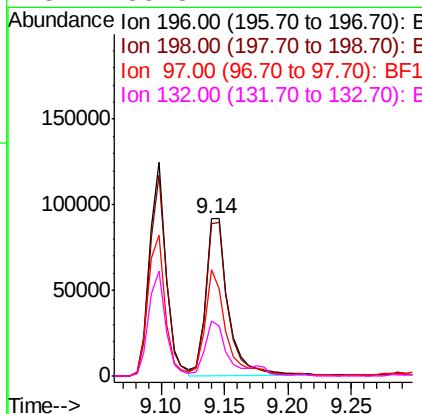
Instrument :
 BNA_F
 ClientSampled :

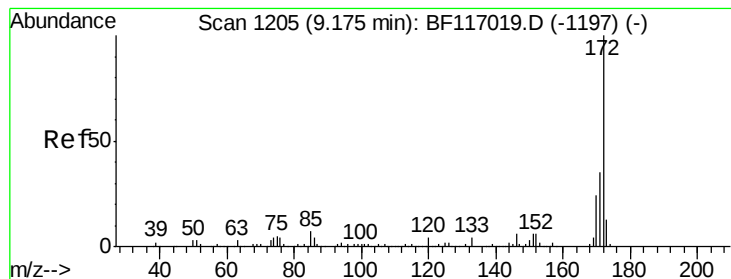
Tot Ion:196 Resp: 111427
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 30.0 23.3 34.9



#44
 2,4,5-Trichlorophenol
 Concen: 35.789 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion:196 Resp: 114007
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.6 112.0
 97 67.5 49.5 74.3
 132 35.3 27.4 41.2





#45

2-Fluorobiphenyl

Concen: 77.162 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

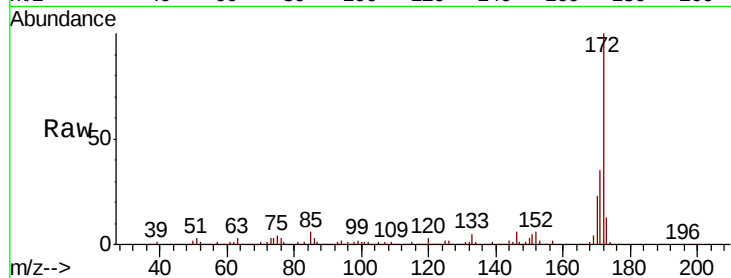
Tot Ion:172 Resp: 839654

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.2

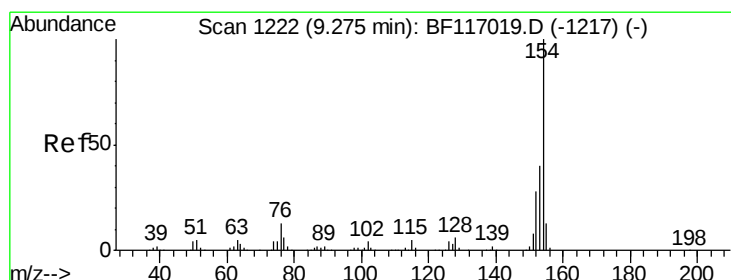
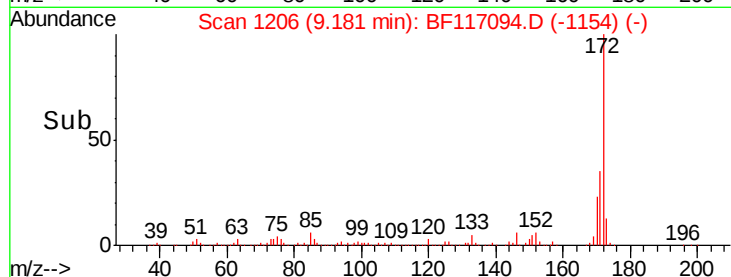
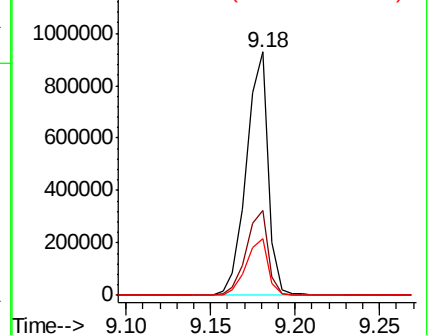
170 23.4 18.9 28.3



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: 37.527 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

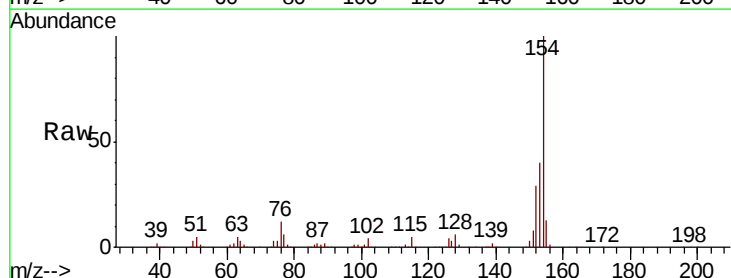
Tgt Ion:154 Resp: 500837

Ion Ratio Lower Upper

154 100

153 40.3 20.0 60.0

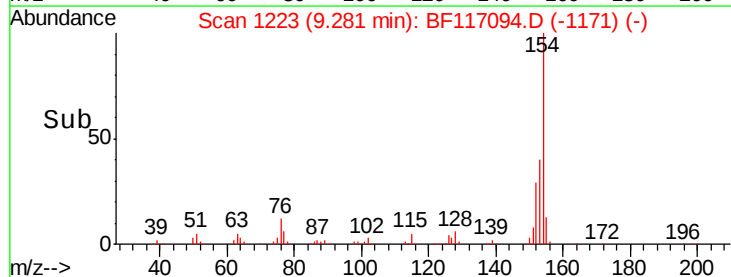
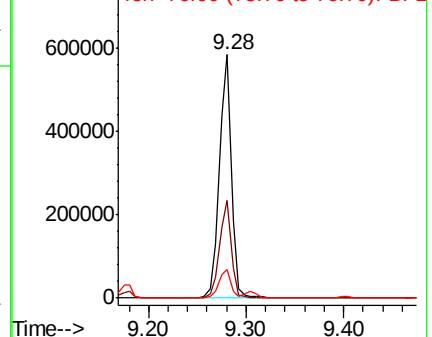
76 11.7 0.0 32.7

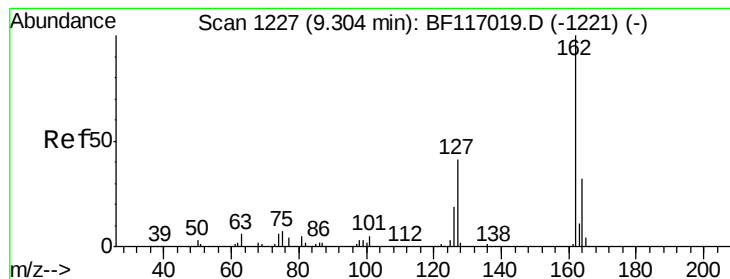


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 37.365 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampled :

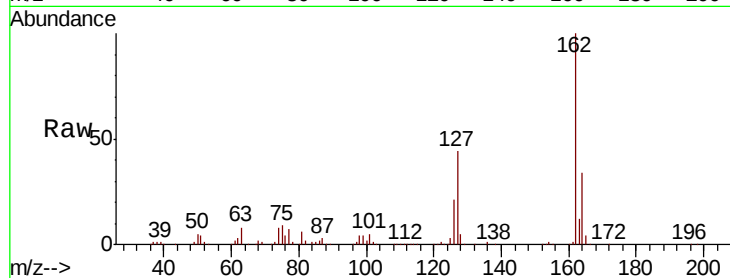
Tot Ion:162 Resp: 393559

Ion Ratio Lower Upper

162 100

127 44.0 34.1 51.1

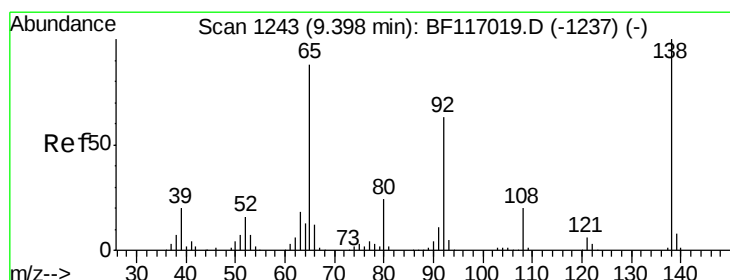
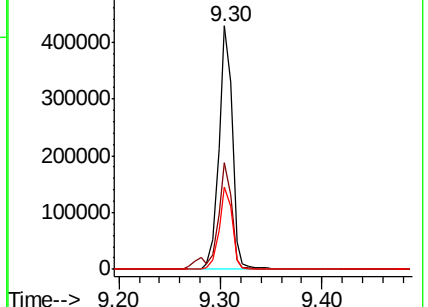
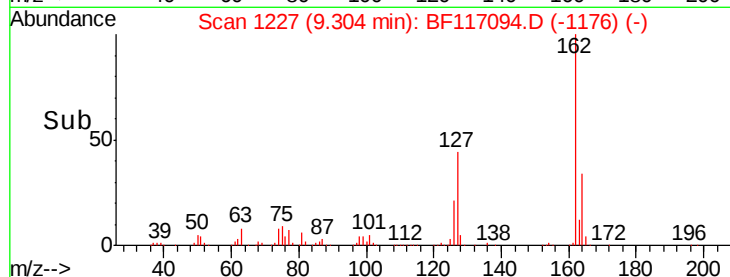
164 33.6 25.9 38.9



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: 37.931 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

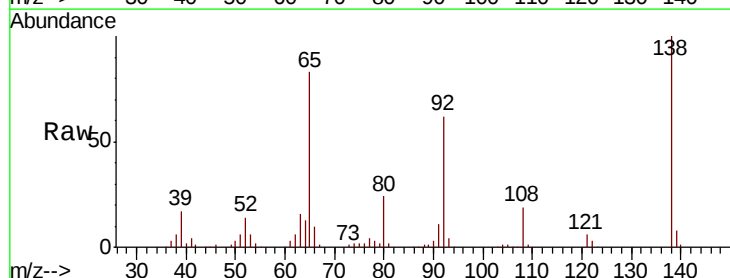
Tgt Ion: 65 Resp: 128147

Ion Ratio Lower Upper

65 100

92 74.7 57.5 86.3

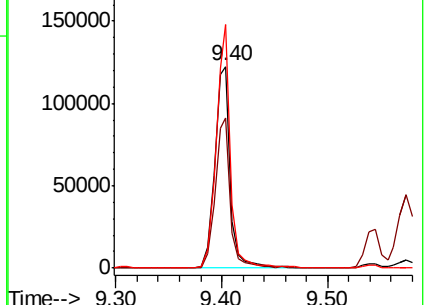
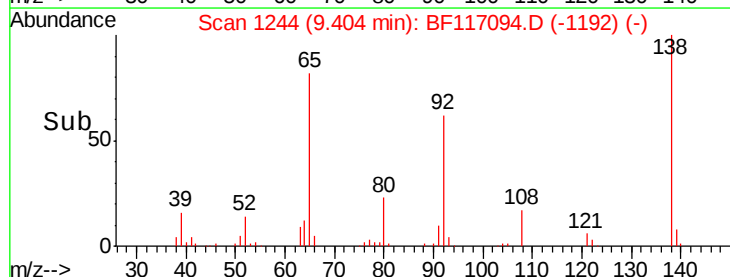
138 120.9 90.6 136.0

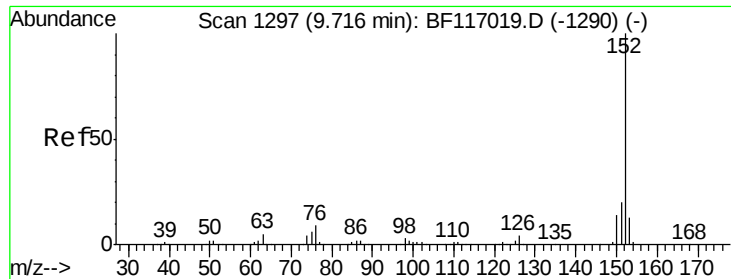


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.510 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

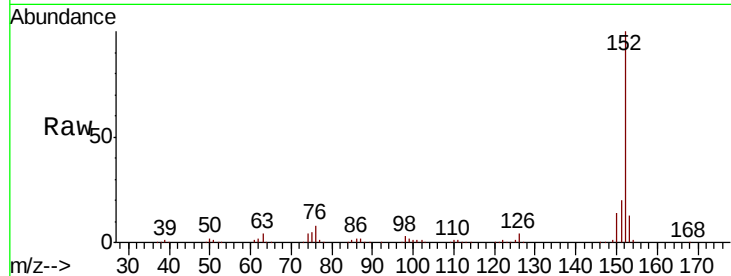
Tot Ion:152 Resp: 591855

Ion Ratio Lower Upper

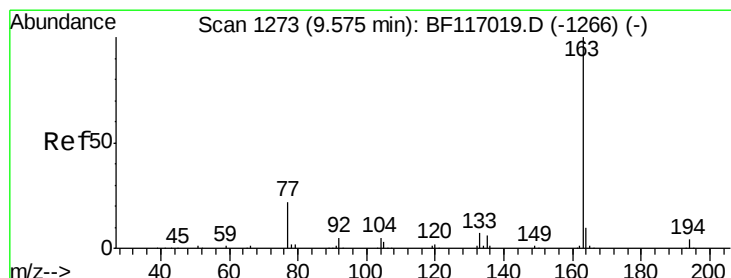
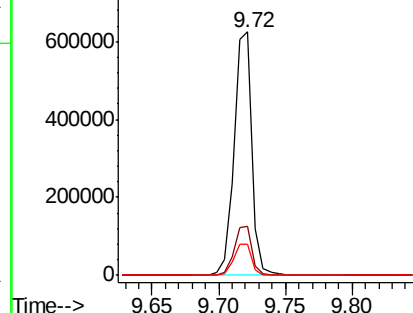
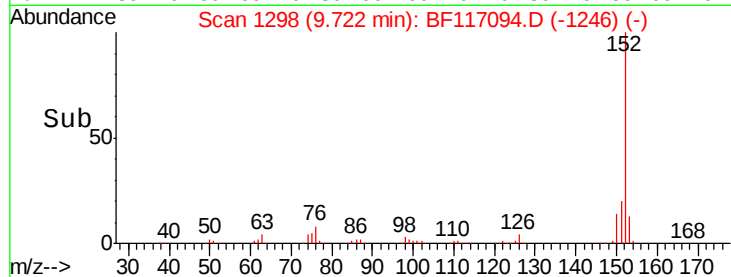
152 100

151 20.0 16.2 24.2

153 12.7 10.2 15.4



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: 38.365 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

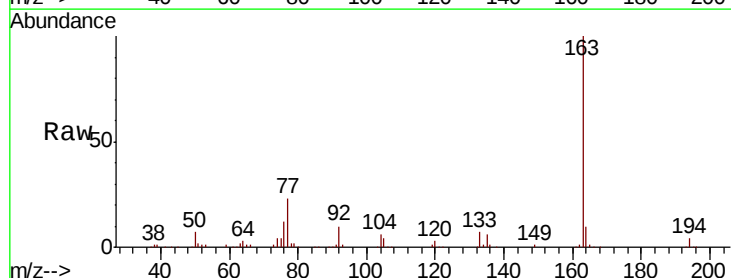
Tgt Ion:163 Resp: 462179

Ion Ratio Lower Upper

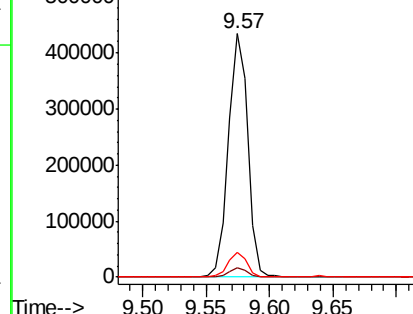
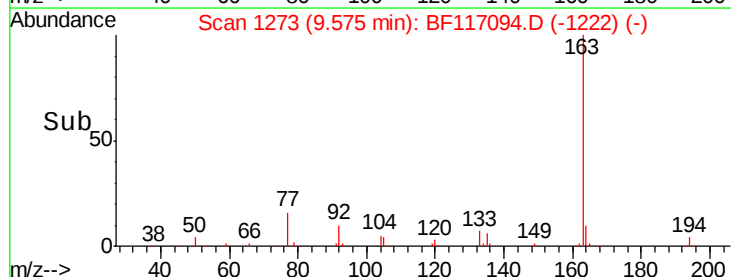
163 100

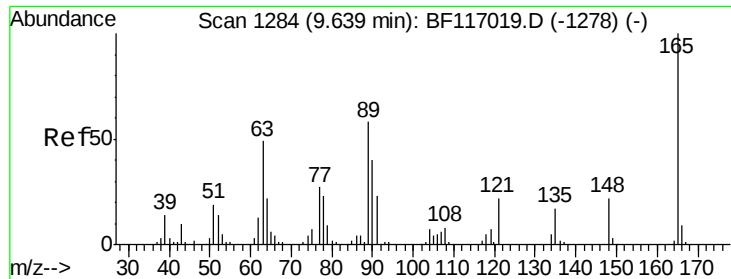
194 3.6 2.9 4.3

164 10.0 8.2 12.4



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

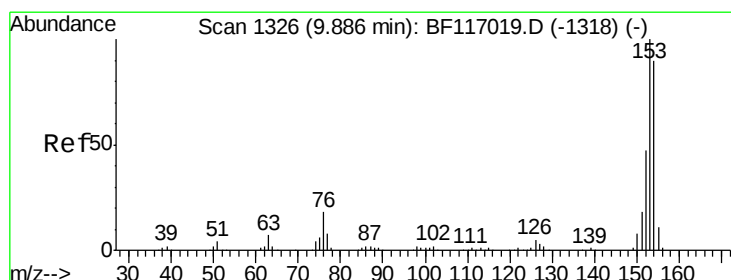
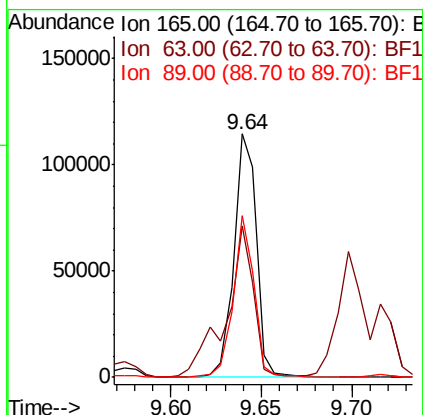
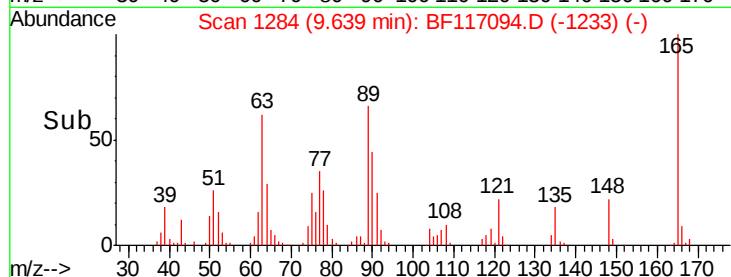
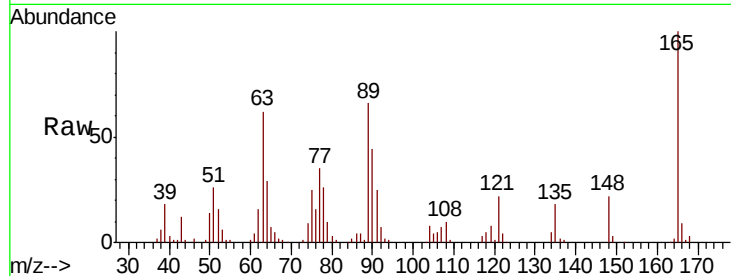




#51
2,6-Dinitrotoluene
Concen: 40.216 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

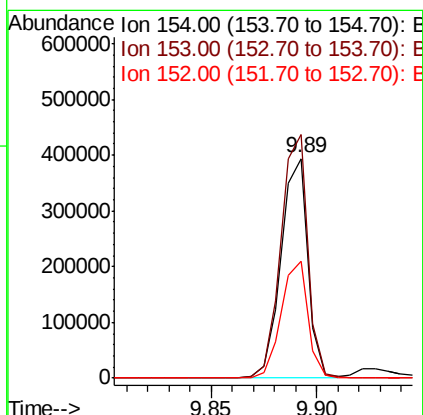
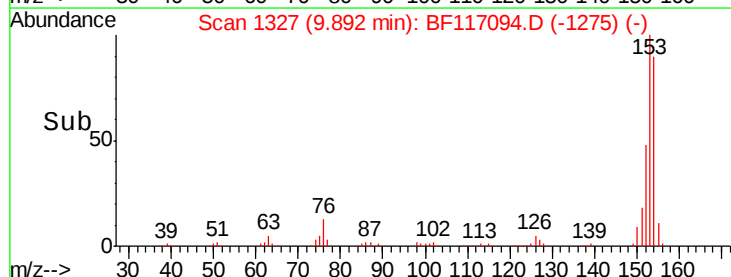
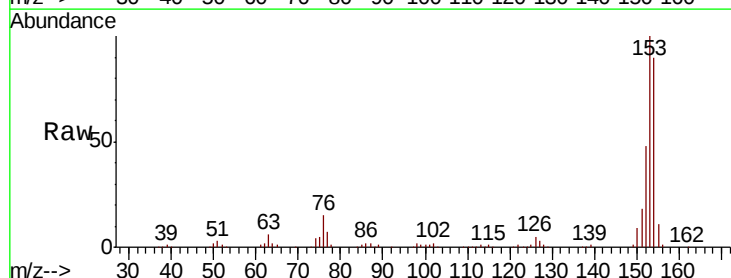
Instrument :
BNA_F
ClientSampled :

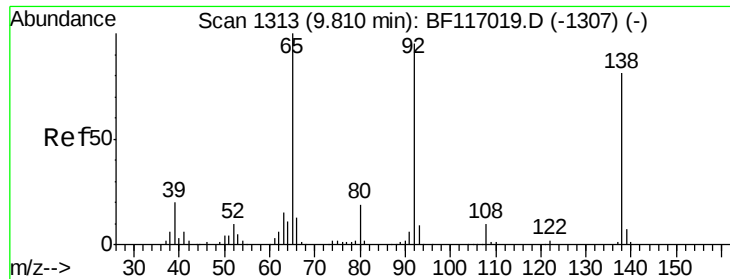
Tot Ion	Ratio	Lower	Upper
165	100		
63	62.3	41.8	62.8
89	66.4	46.5	69.7



#52
Acenaphthene
Concen: 37.430 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.0	133.6
152	53.3	41.9	62.9

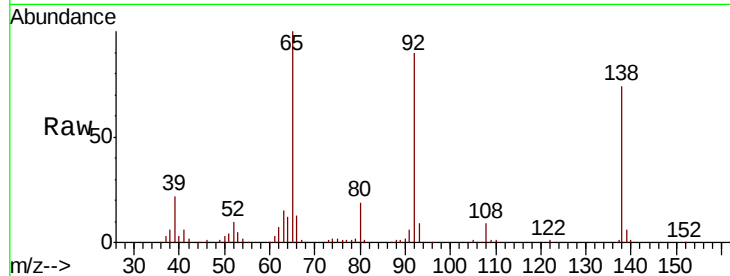




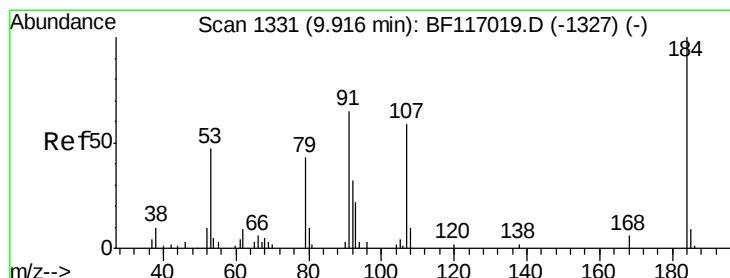
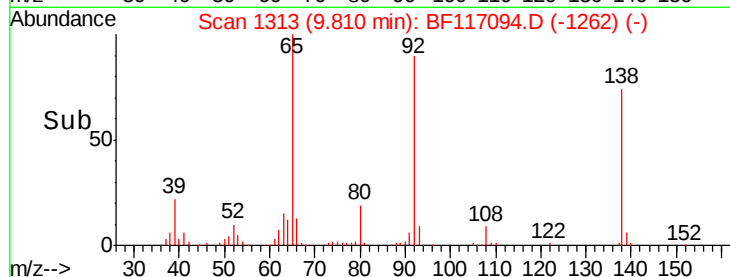
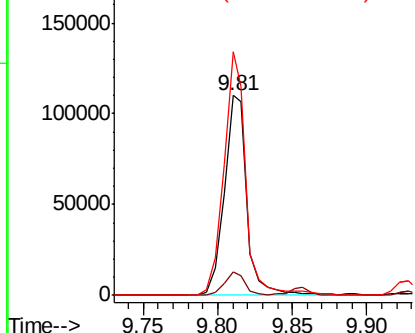
#53
3-Nitroaniline
Concen: 38.046 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 117779
Ion Ratio Lower Upper
138 100
108 11.6 9.5 14.3
92 121.8 94.1 141.1

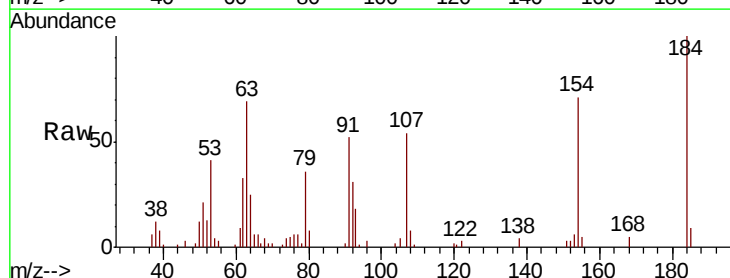


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

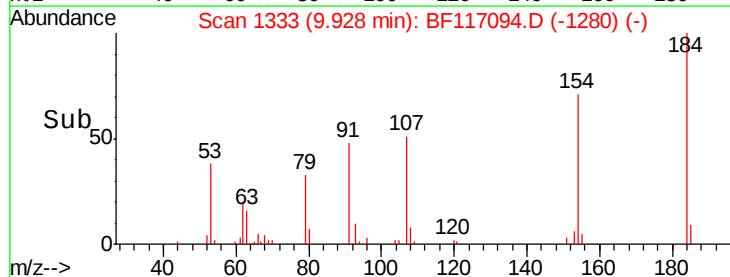
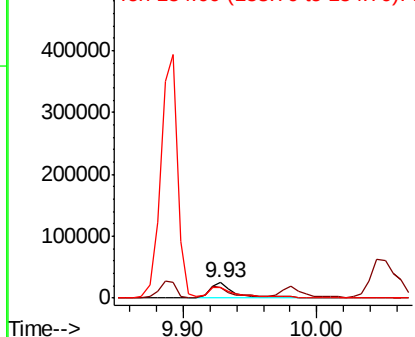


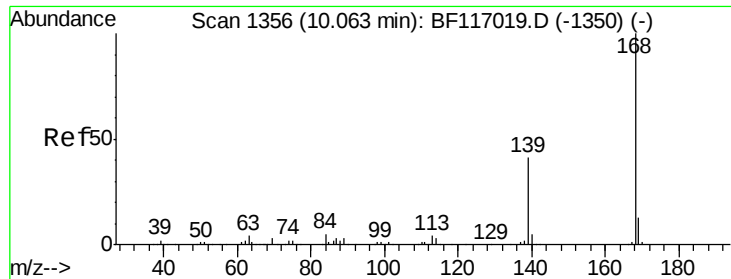
#54
2,4-Dinitrophenol
Concen: 39.103 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:184 Resp: 35820
Ion Ratio Lower Upper
184 100
63 68.7 63.8 95.6
154 71.3 60.4 90.6



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

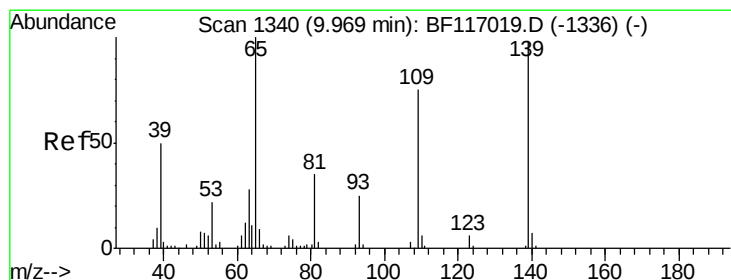
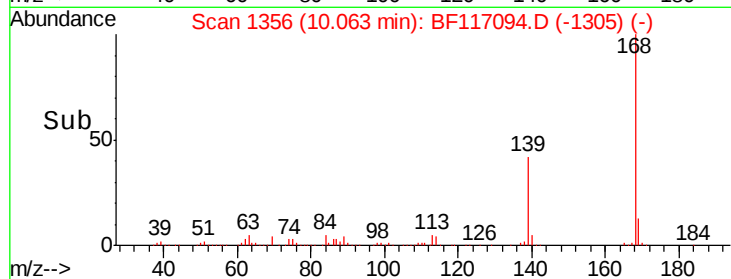
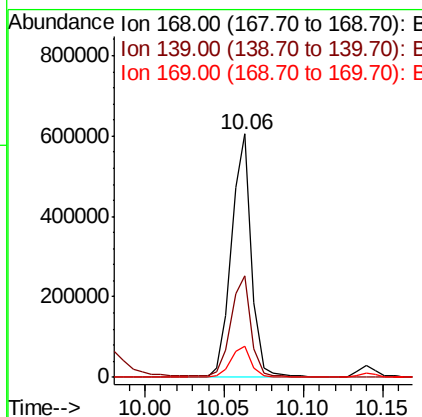
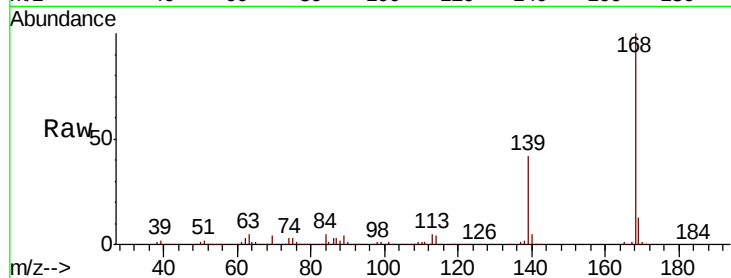




#55
Dibenzenofuran
Concen: 38.164 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

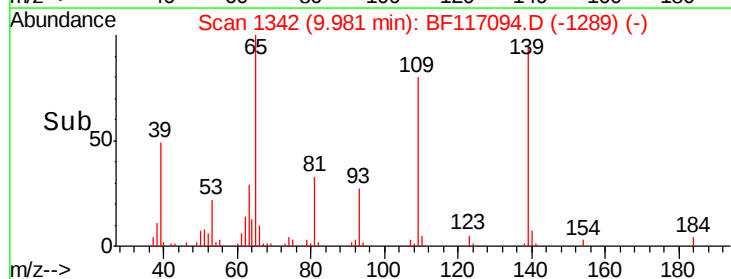
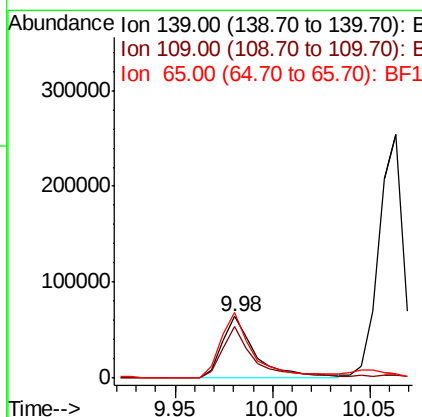
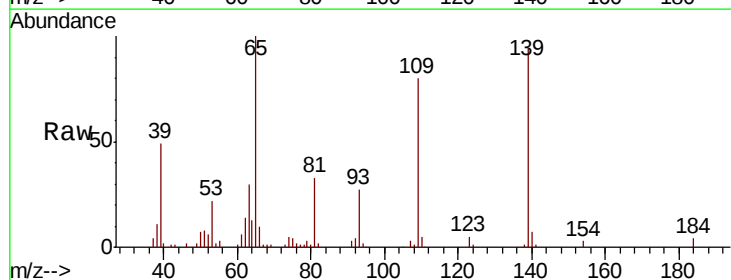
Instrument :
BNA_F
ClientSampleId :

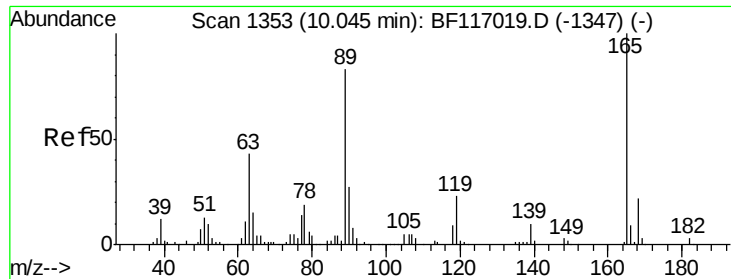
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	12.8	10.5	15.7



#56
4-Nitrophenol
Concen: 38.505 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.6	56.4	96.4
65	106.3	82.5	122.5

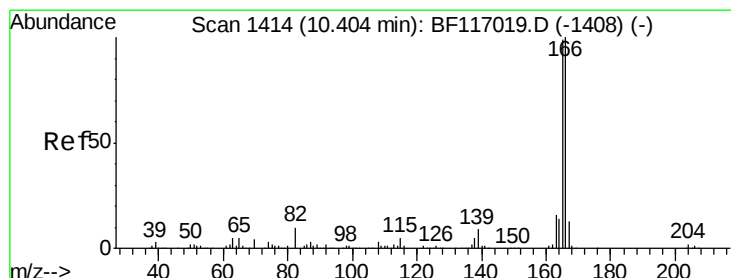
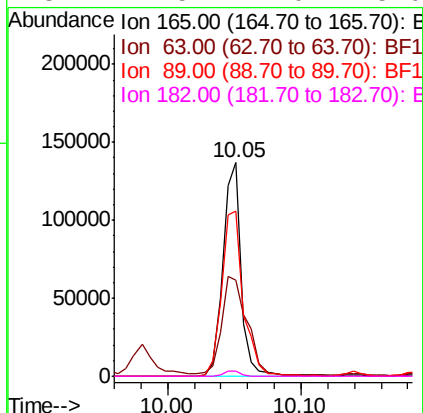
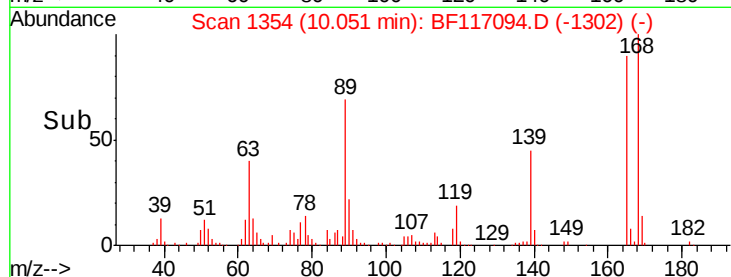
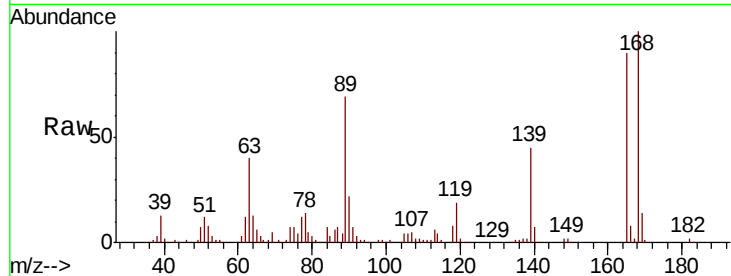




#57
2,4-Dinitrotoluene
Concen: 41.394 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

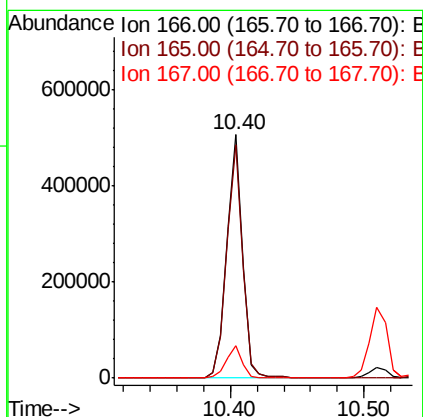
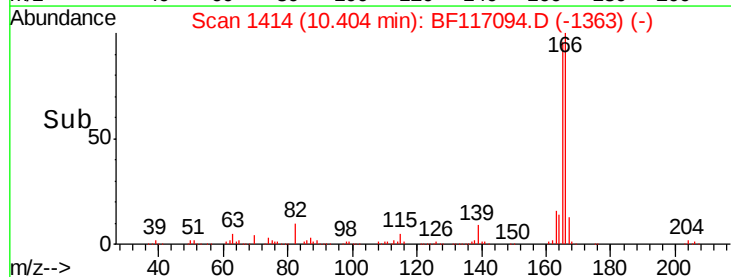
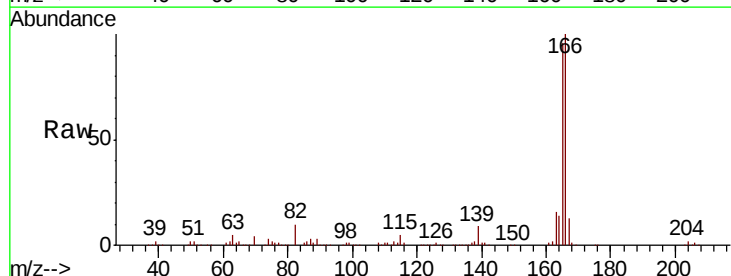
Instrument :
BNA_F
ClientSampleId :

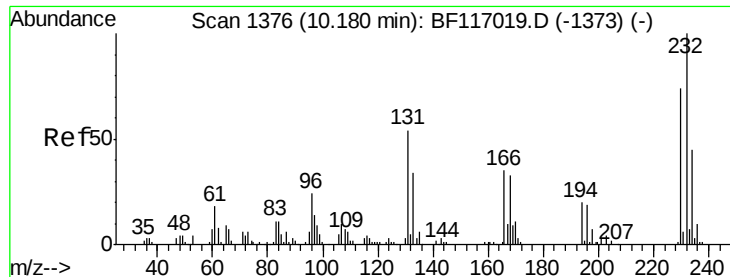
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	45.0	35.0	52.4	
89	77.4	66.1	99.1	
182	2.5	2.0	3.0	



#58
Fluorene
Concen: 38.220 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	95.6	78.9	118.3	
167	13.3	10.6	15.8	

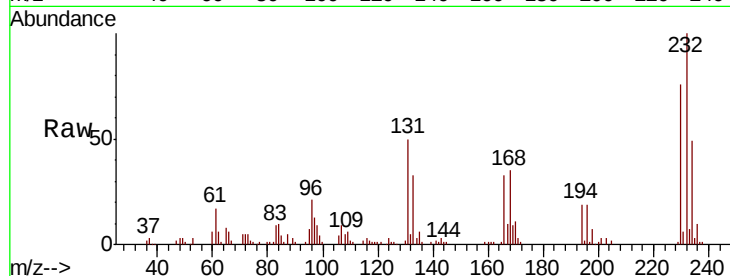




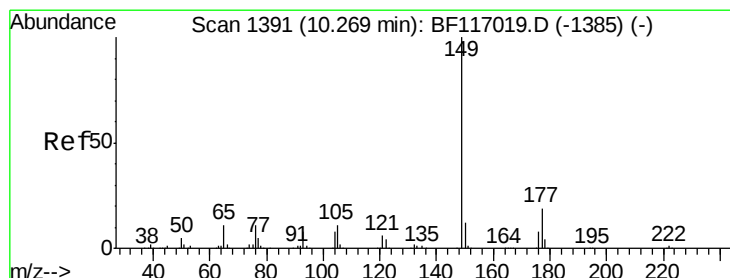
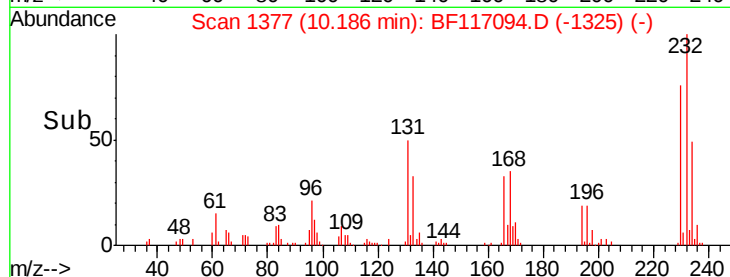
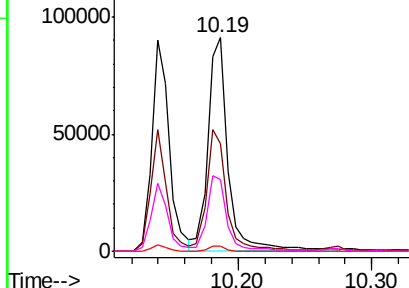
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.513 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	93884
Ion	Ratio	Lower	Upper
232	100		
131	57.8	45.3	67.9
130	2.2	1.8	2.8
166	36.3	29.4	44.2

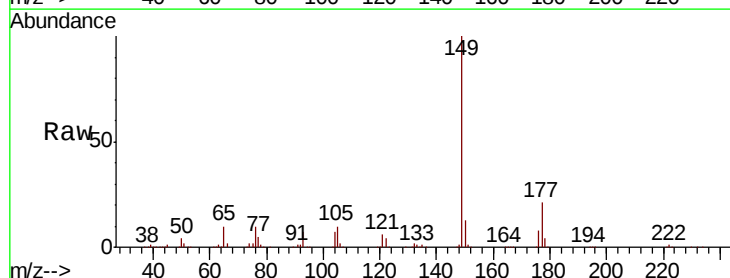


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

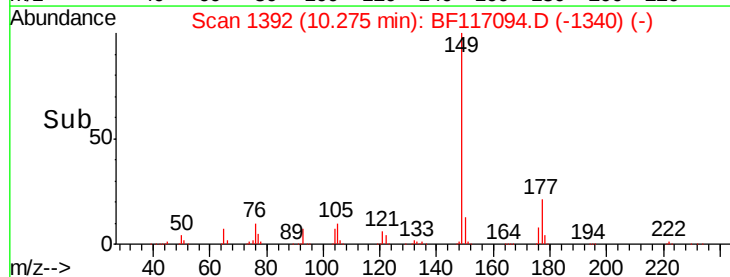
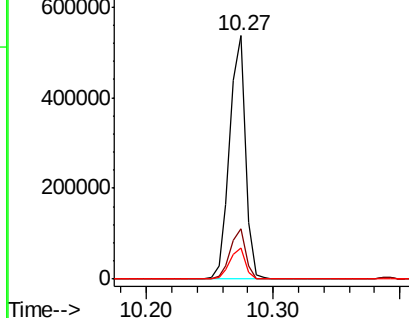


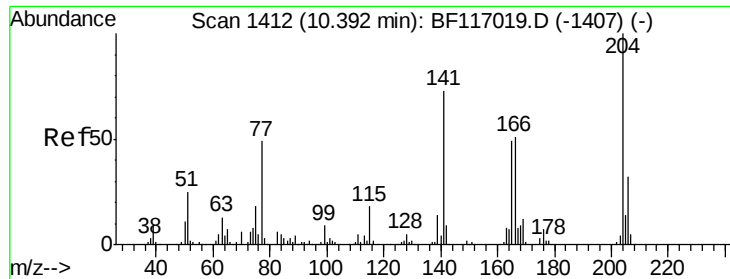
#60
 Diethylphthalate
 Concen: 39.386 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion:	149	Resp:	466807
Ion	Ratio	Lower	Upper
149	100		
177	20.7	15.2	22.8
150	12.8	9.9	14.9



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

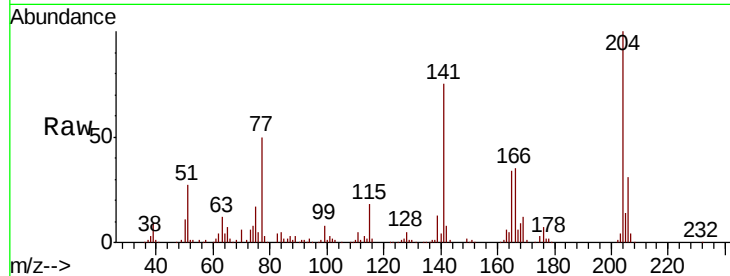




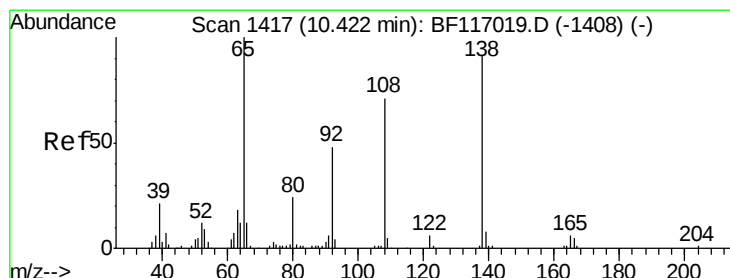
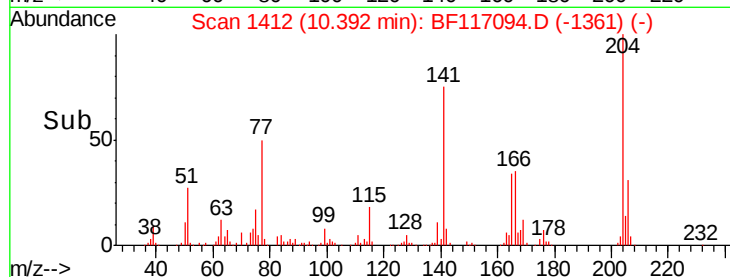
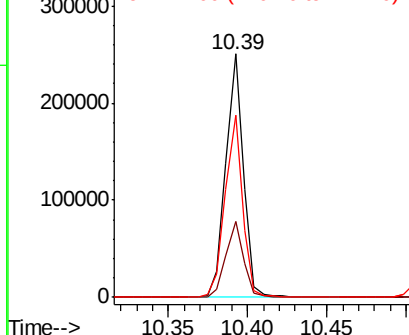
#61
4-Chlorophenyl-phenylether
Concen: 40.162 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 193169
Ion Ratio Lower Upper
204 100
206 31.1 26.0 39.0
141 75.0 58.2 87.2

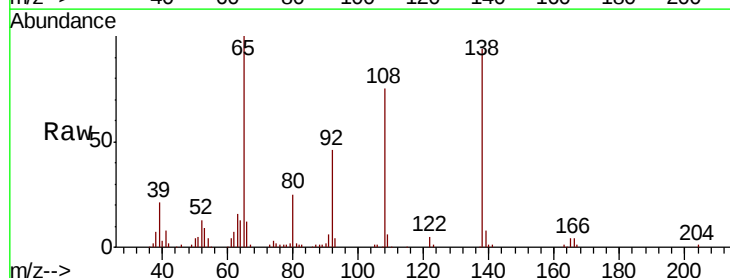


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

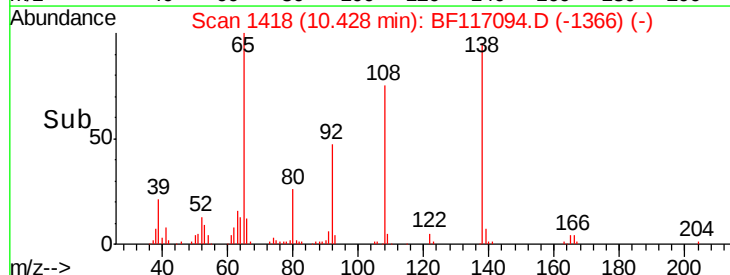
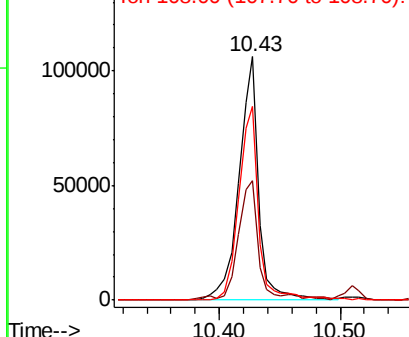


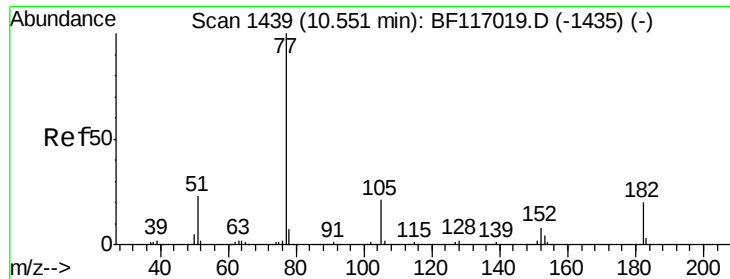
#62
4-Nitroaniline
Concen: 37.838 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:138 Resp: 121814
Ion Ratio Lower Upper
138 100
92 49.3 32.9 72.9
108 79.4 58.3 98.3



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: 38.581 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 467021

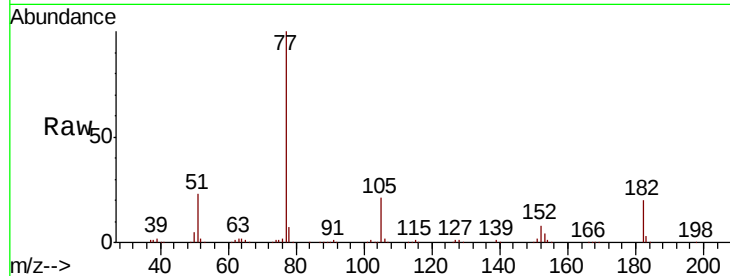
Ion Ratio Lower Upper

77 100

182 20.4 0.4 40.4

105 21.0 0.9 40.9

51 23.3 2.8 42.8

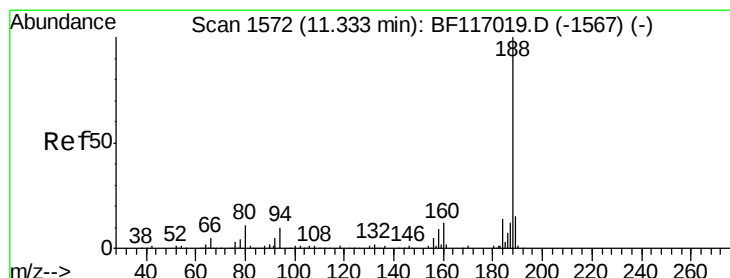
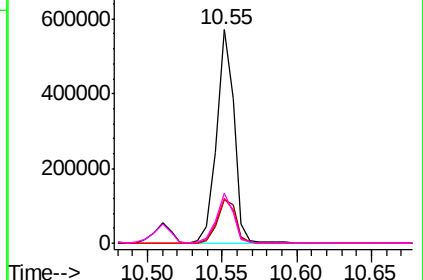
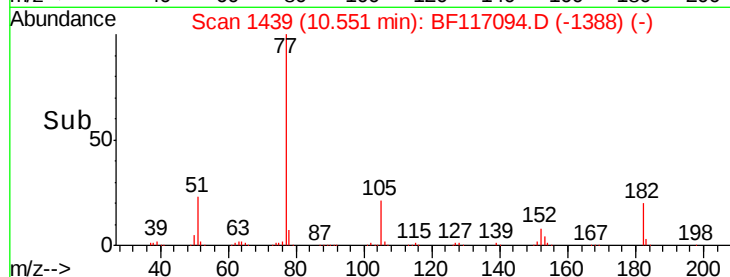


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

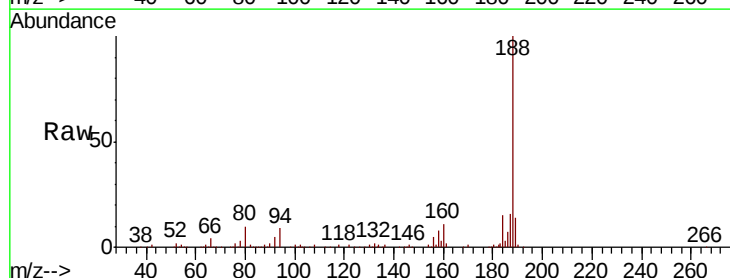
Tgt Ion: 188 Resp: 279685

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

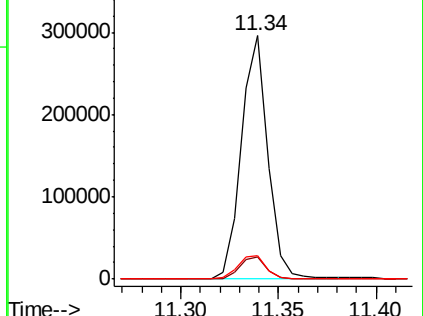
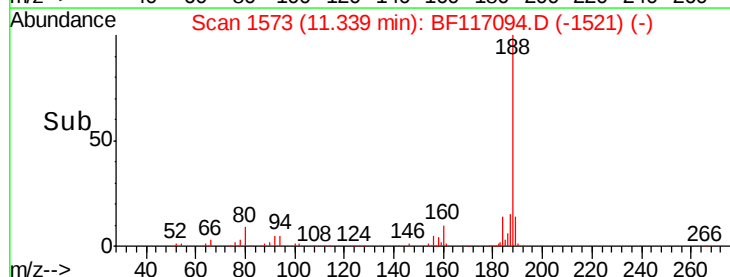
80 9.9 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 39.798 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

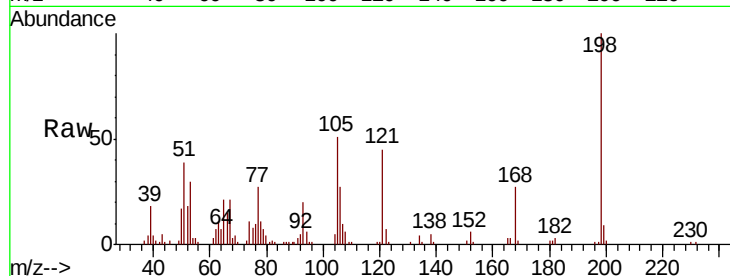
Tot Ion:198 Resp: 48962

Ion Ratio Lower Upper

198 100

51 39.4 18.7 58.7

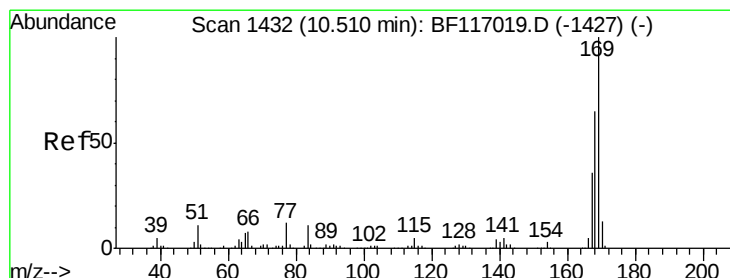
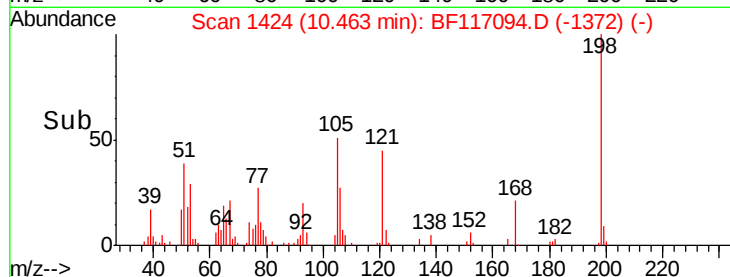
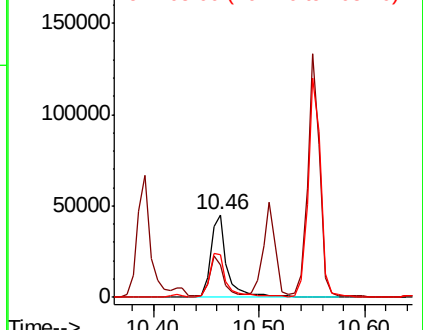
105 51.1 30.2 70.2



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: 38.246 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

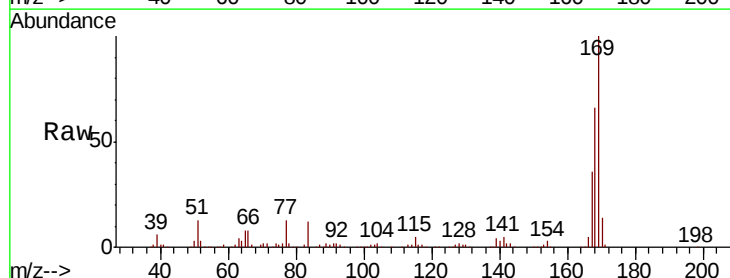
Tgt Ion:169 Resp: 369422

Ion Ratio Lower Upper

169 100

168 66.4 52.2 78.2

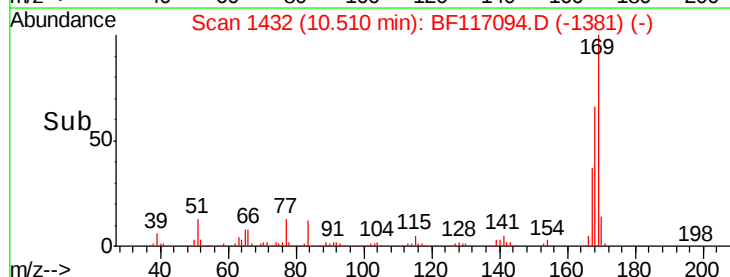
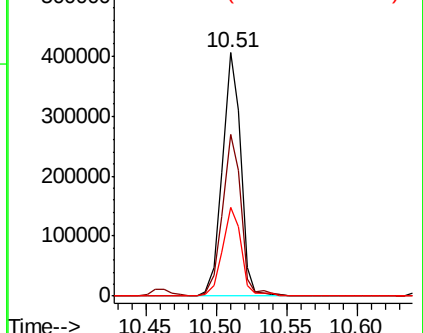
167 36.5 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

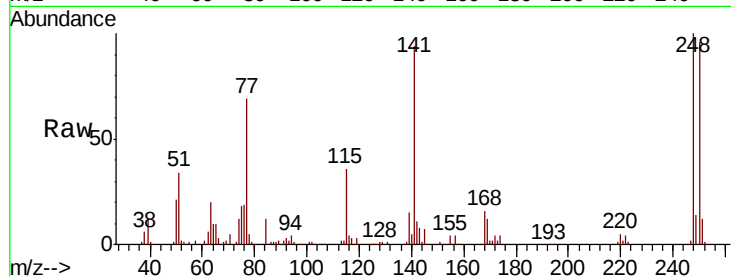




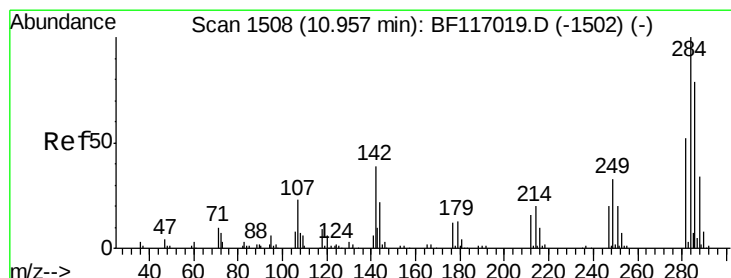
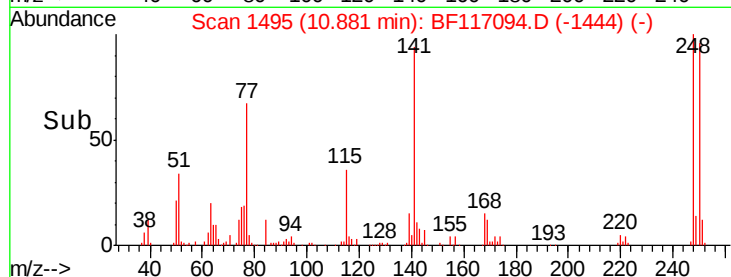
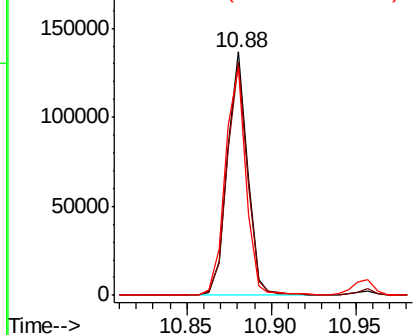
#67
4-Bromophenyl-phenylether
Concen: 39.723 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 113460
Ion Ratio Lower Upper
248 100
250 95.8 76.2 114.4
141 93.8 75.0 112.4

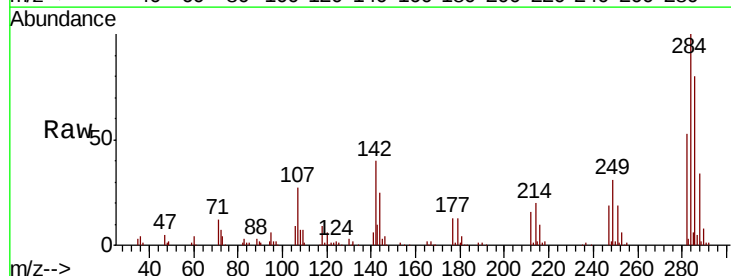


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

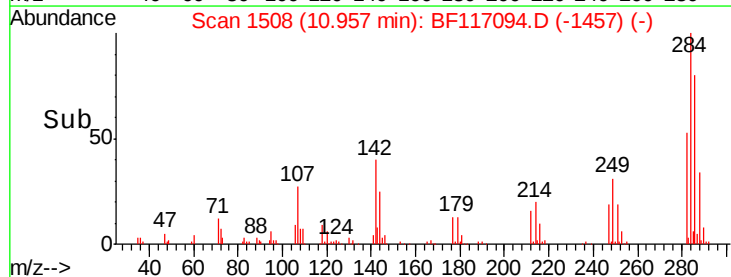
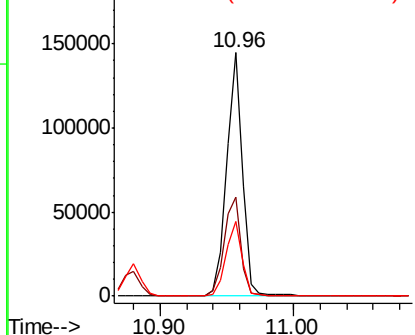


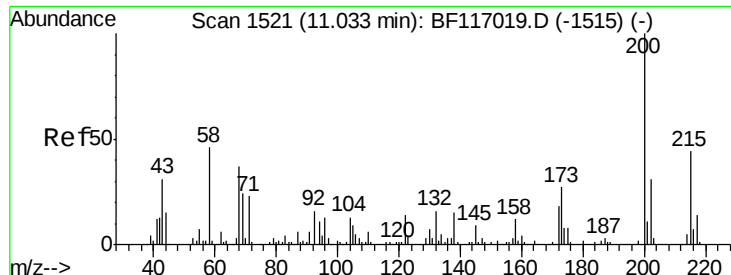
#68
Hexachlorobenzene
Concen: 39.032 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:284 Resp: 121938
Ion Ratio Lower Upper
284 100
142 40.4 31.4 47.2
249 30.8 26.5 39.7



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

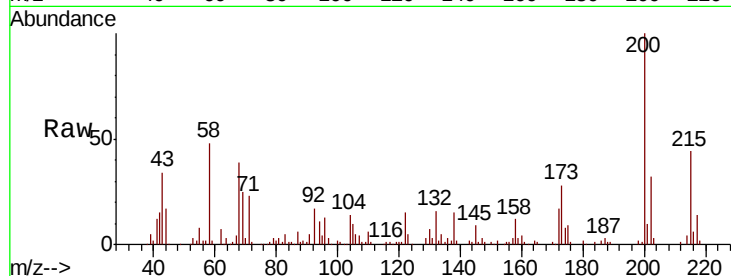




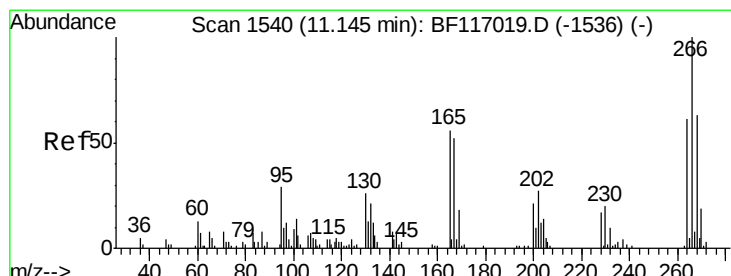
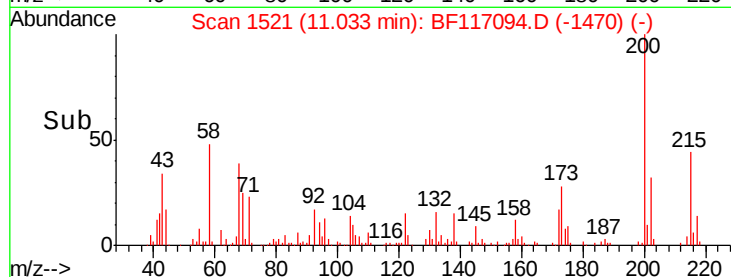
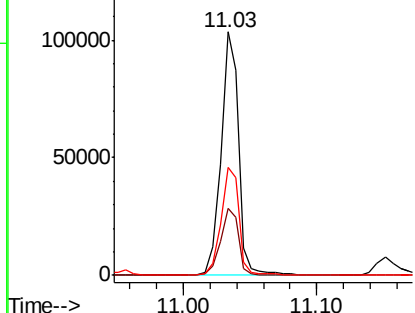
#69
 Atrazine
 Concen: 38.639 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.9	46.9
215	44.3	23.8	63.8

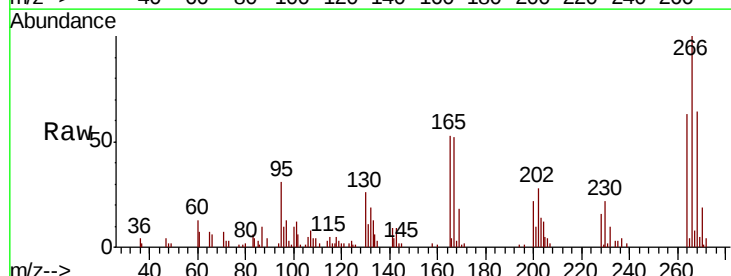


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

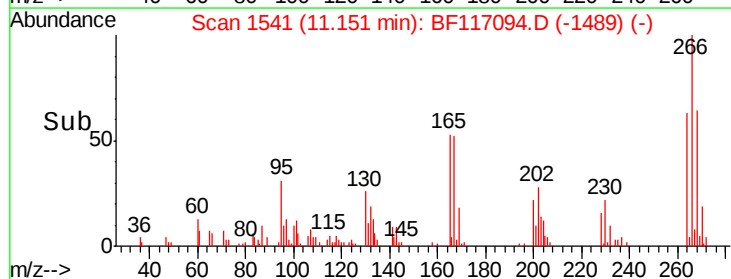
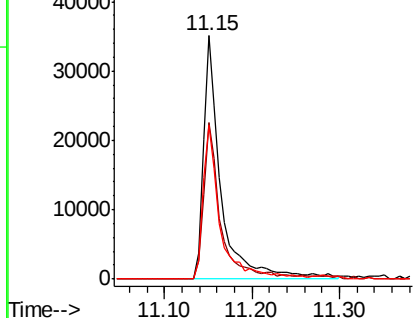


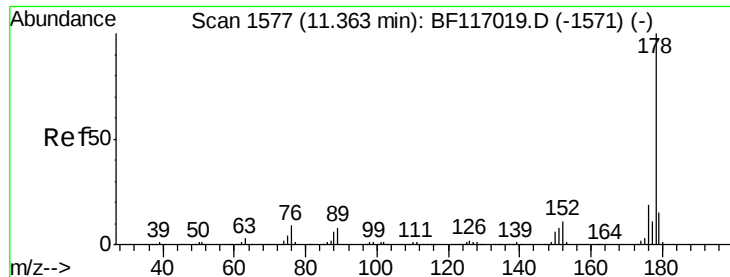
#70
 Pentachlorophenol
 Concen: 33.518 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.5	75.7
264	63.2	48.8	73.2



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





#71

Phenanthrene

Concen: 37.376 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

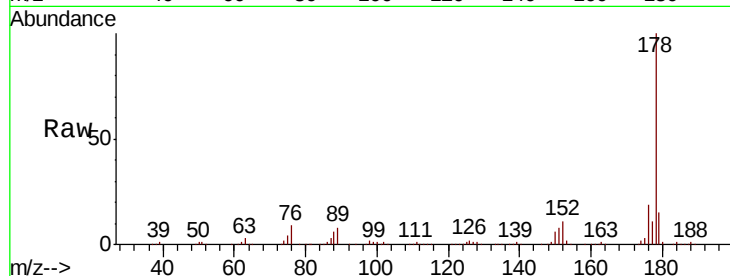
Tot Ion:178 Resp: 593762

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

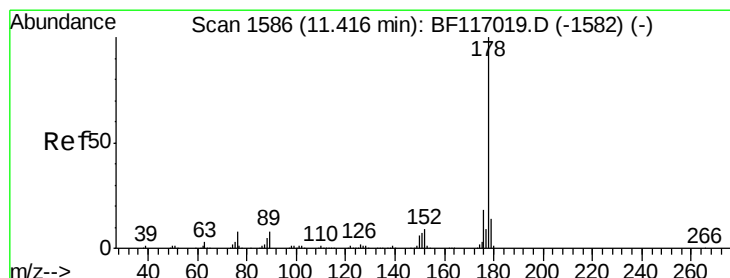
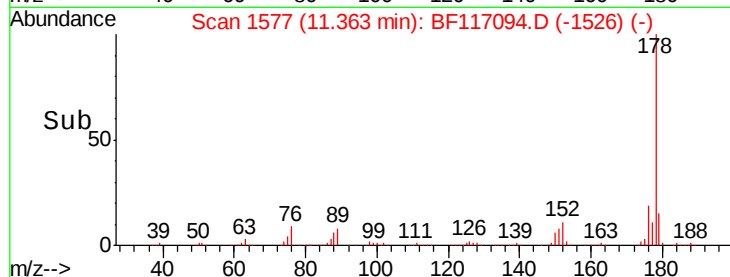
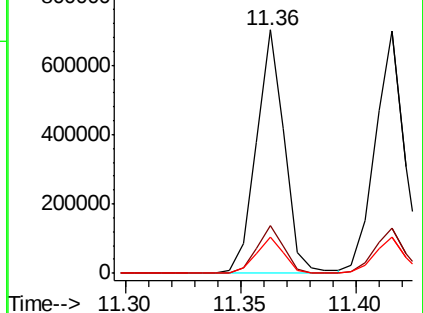
179 15.1 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.690 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

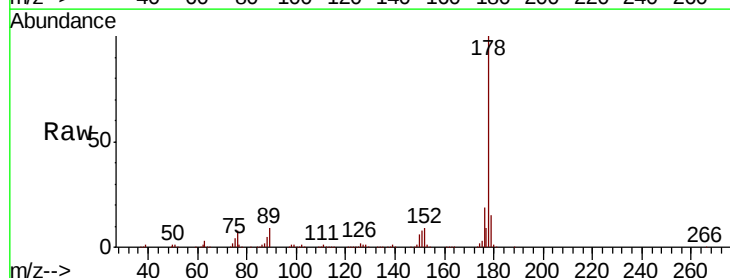
Tgt Ion:178 Resp: 627487

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

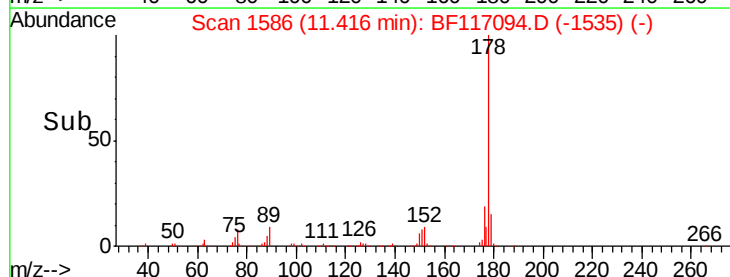
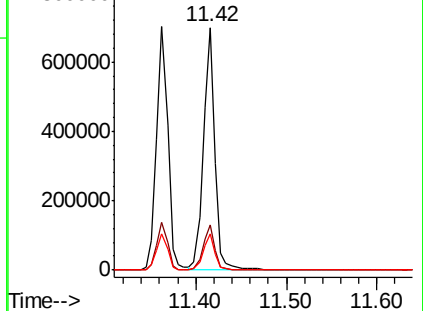
179 15.0 11.6 17.4

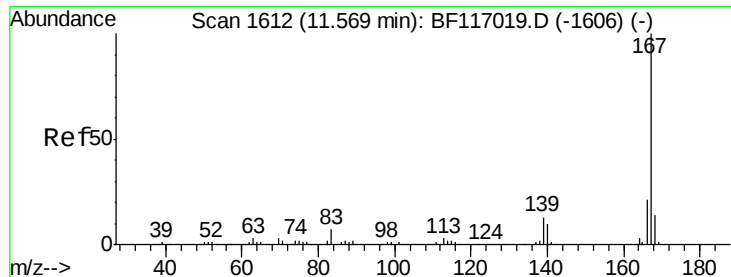


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

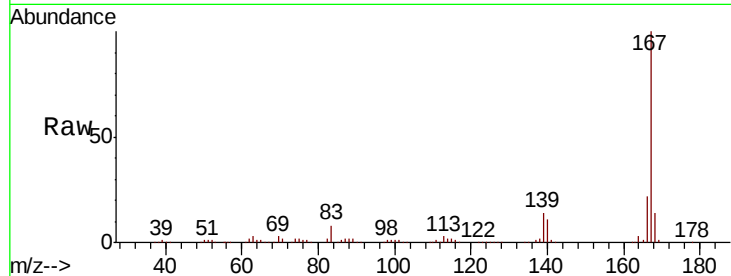




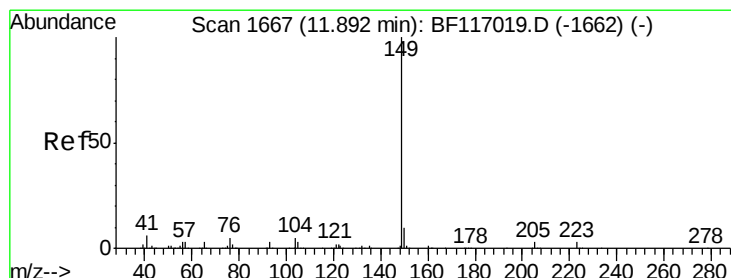
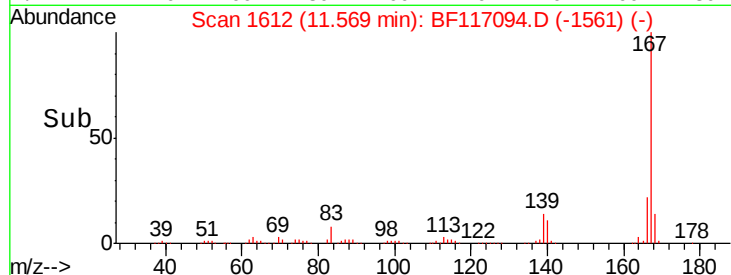
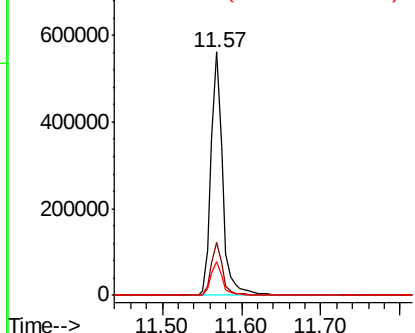
#73
 Carbazole
 Concen: 37.143 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 571805
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.8 10.6 16.0

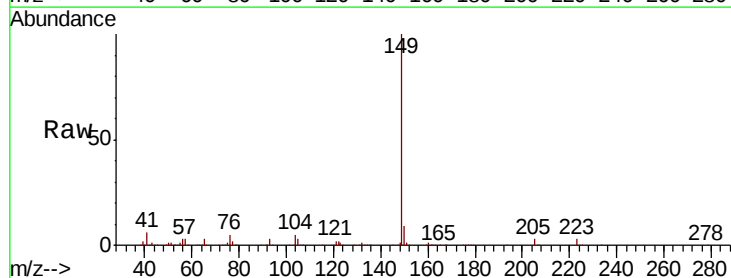


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

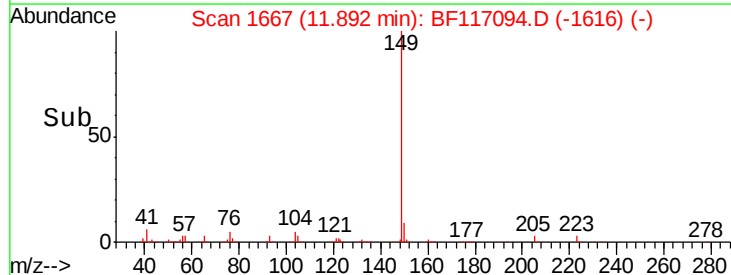
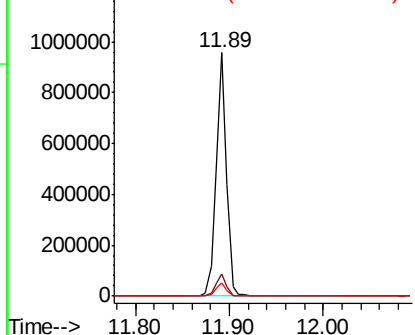


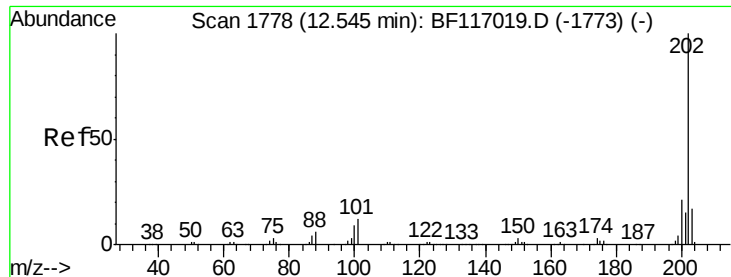
#74
 Di-n-butylphthalate
 Concen: 40.999 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion:149 Resp: 750940
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.3 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

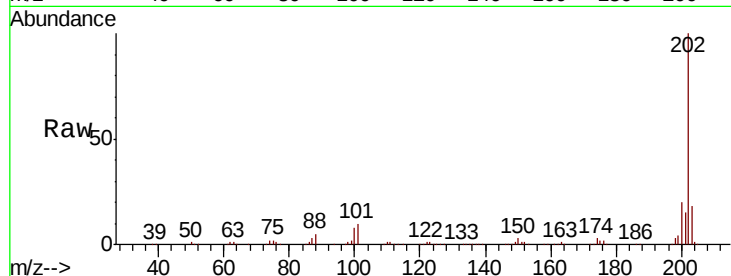




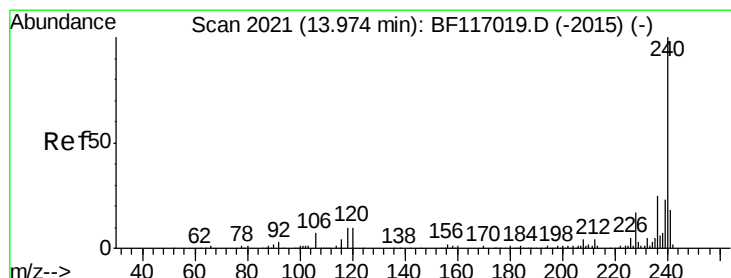
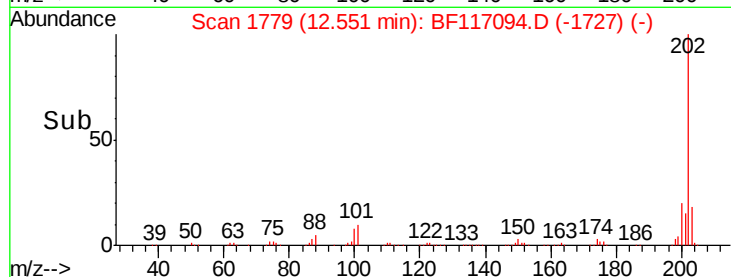
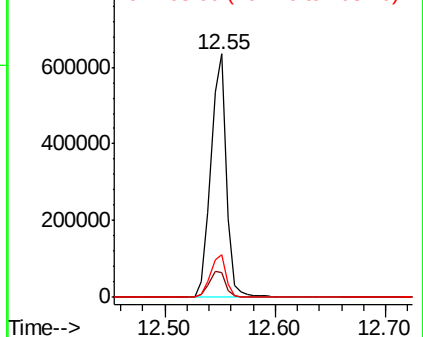
#75
 Fluoranthene
 Concen: 37.200 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	32.3
203	17.7	0.0	37.1

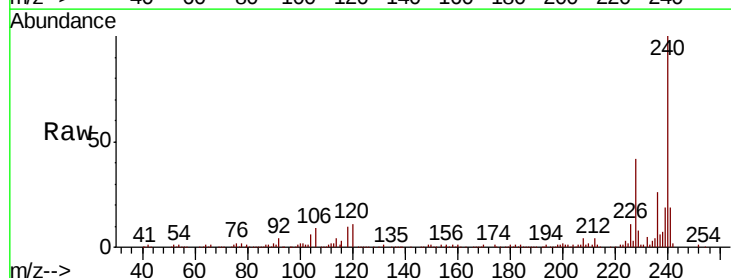


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

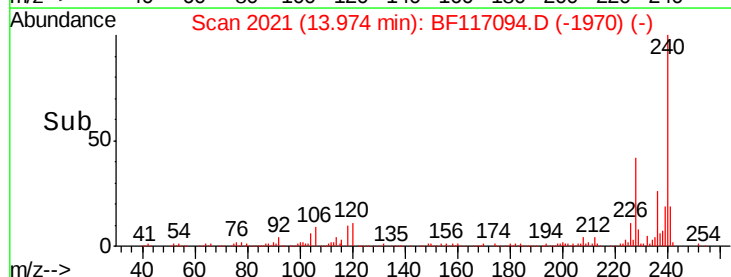
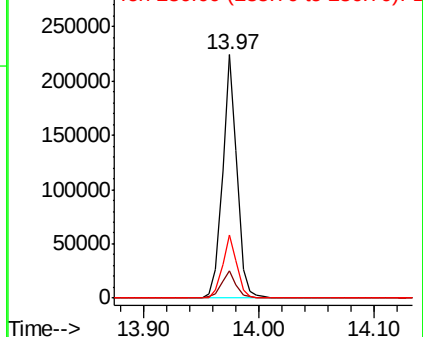


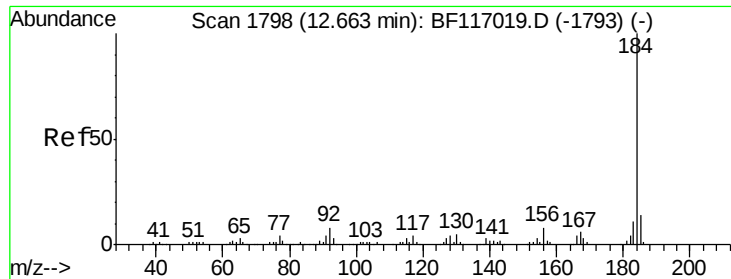
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.8	20.3	30.5



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: 40.109 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

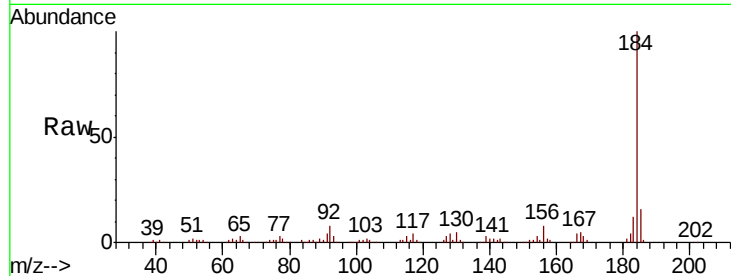
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 250467

Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.6	17.4
183	11.8	9.0	13.4

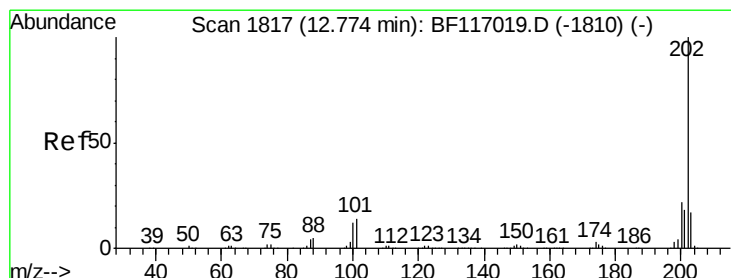
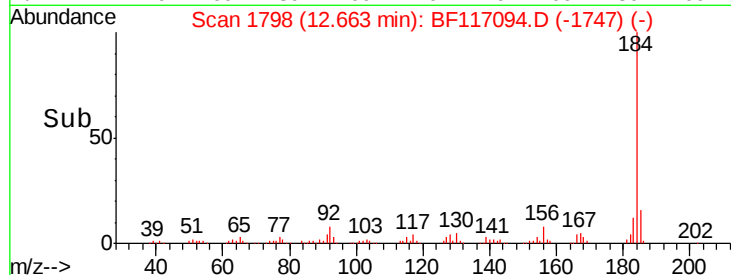
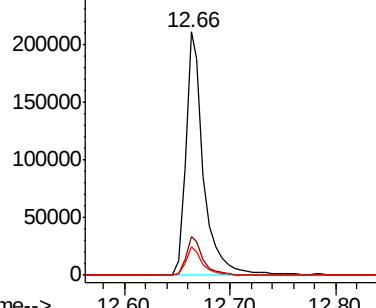


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.372 ng

RT: 12.78 min Scan# 1818

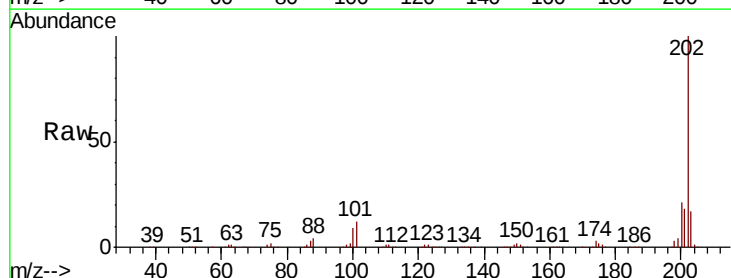
Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Tgt Ion:202 Resp: 607898

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.4	14.0	21.0

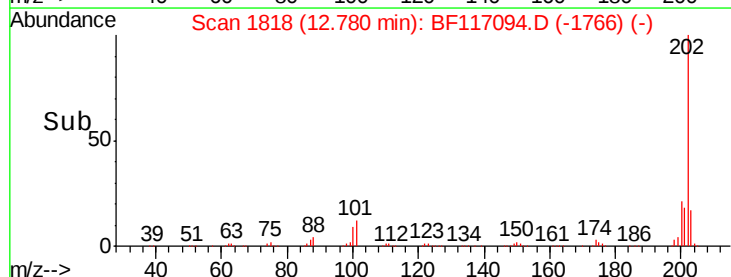
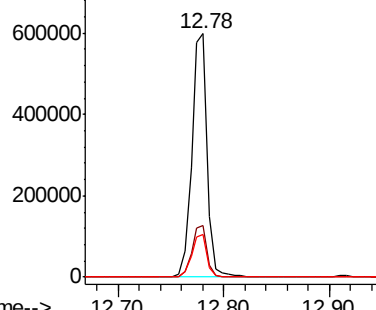


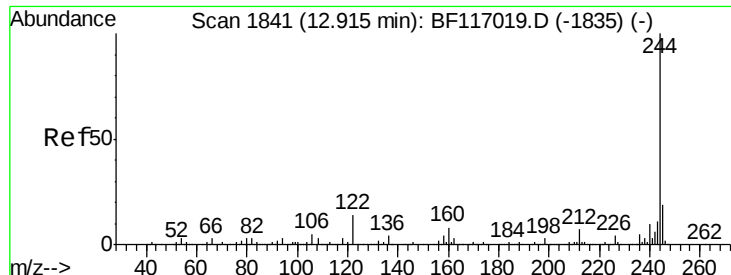
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.202 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

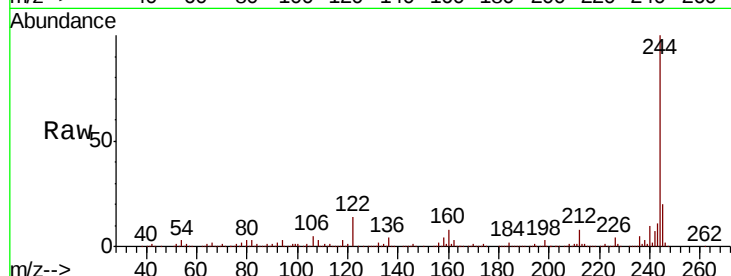
Tot Ion:244 Resp: 821411

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

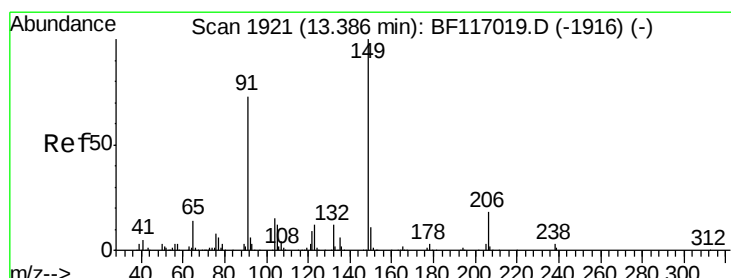
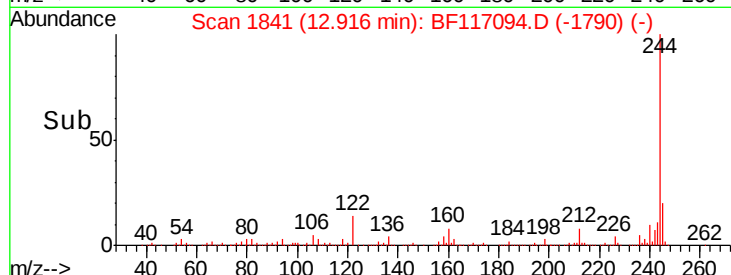
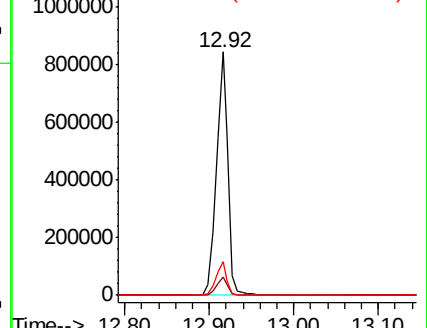
122 13.8 11.3 16.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.939 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

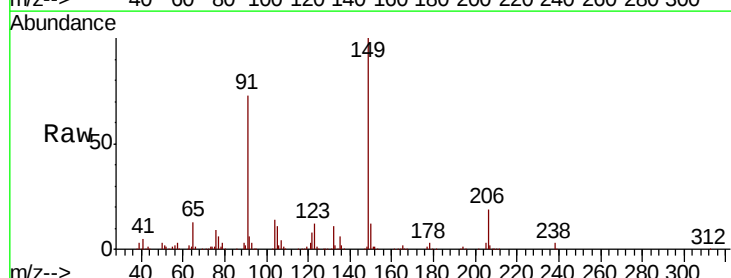
Tgt Ion:149 Resp: 314661

Ion Ratio Lower Upper

149 100

91 72.6 58.8 88.2

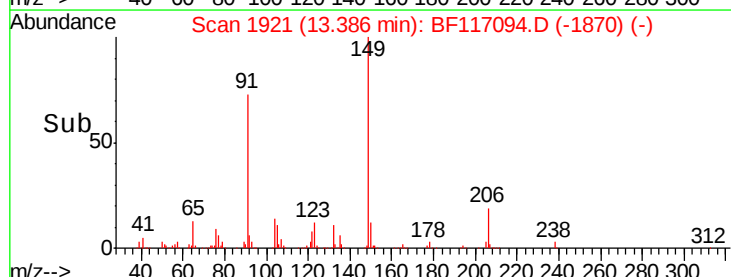
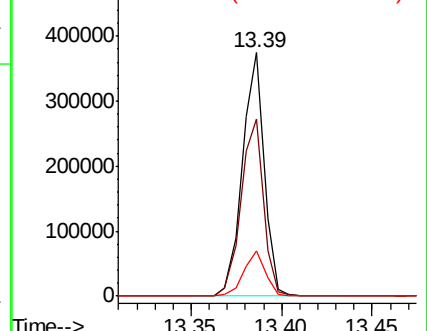
206 18.5 14.1 21.1

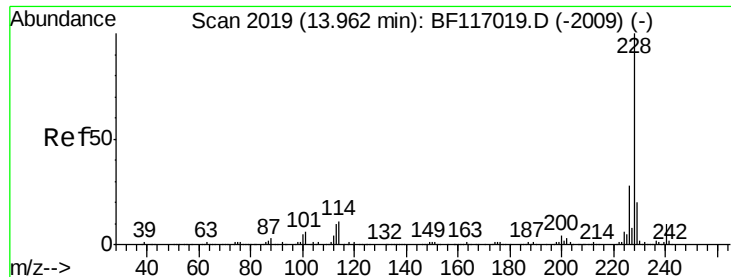


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.580 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

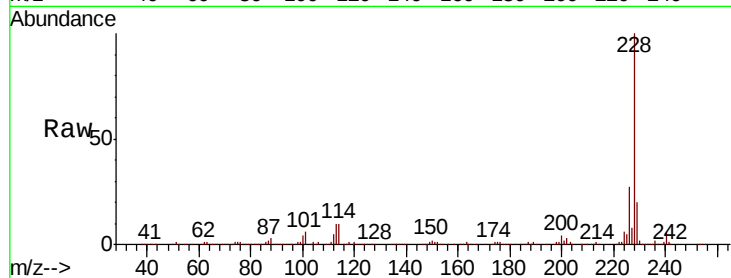
Tot Ion:228 Resp: 486736

Ion Ratio Lower Upper

228 100

226 26.8 22.3 33.5

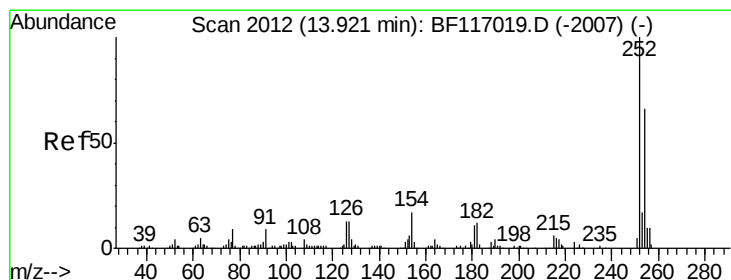
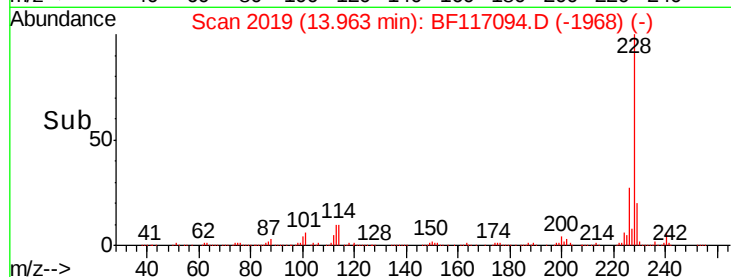
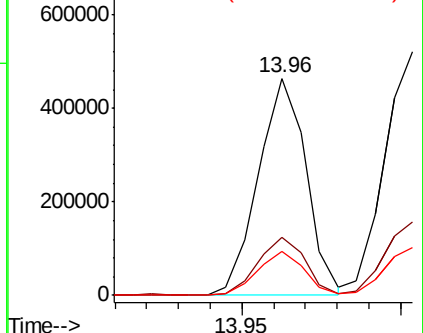
229 20.0 15.9 23.9



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: 38.435 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

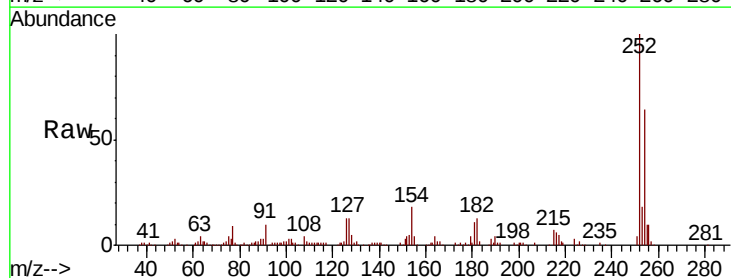
Tgt Ion:252 Resp: 160416

Ion Ratio Lower Upper

252 100

254 64.4 52.6 79.0

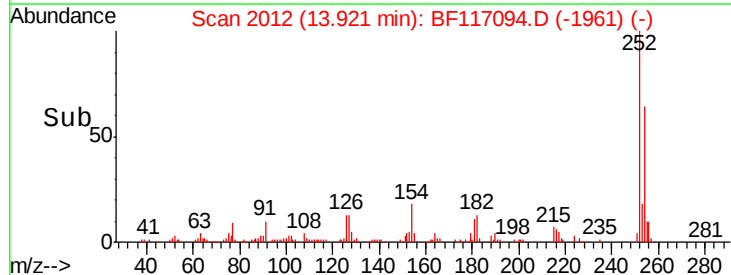
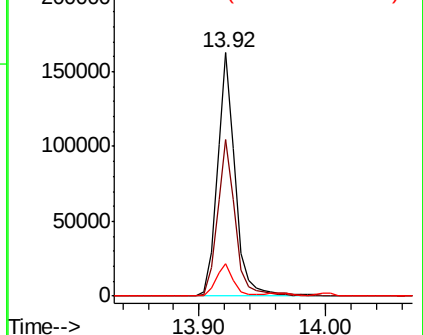
126 13.5 10.4 15.6

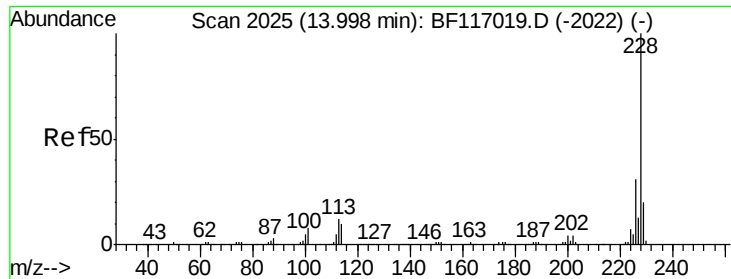


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

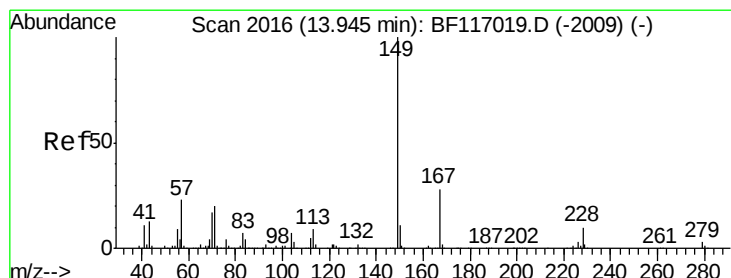
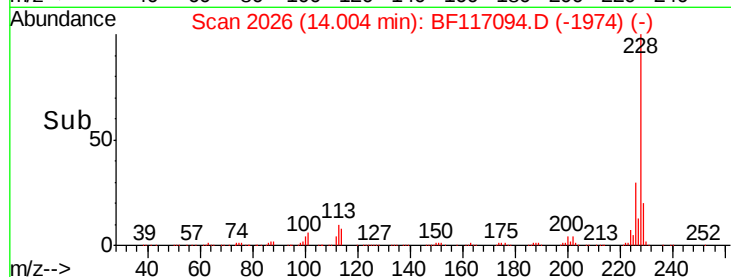
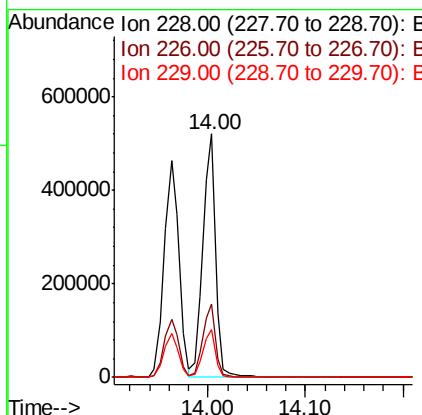
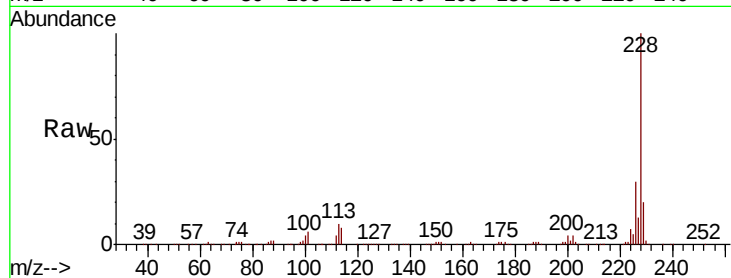




#83
 Chrvsene
 Concen: 37.447 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

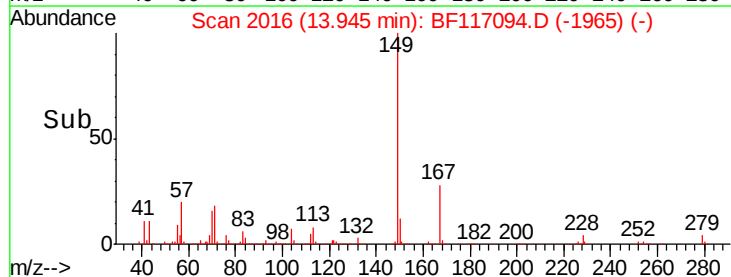
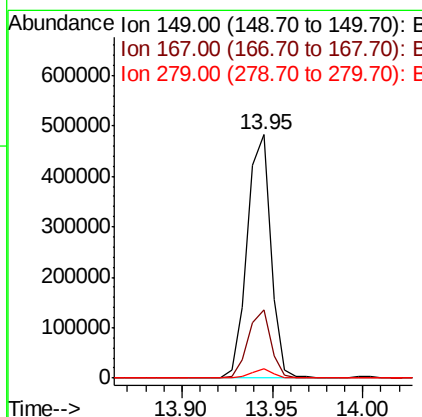
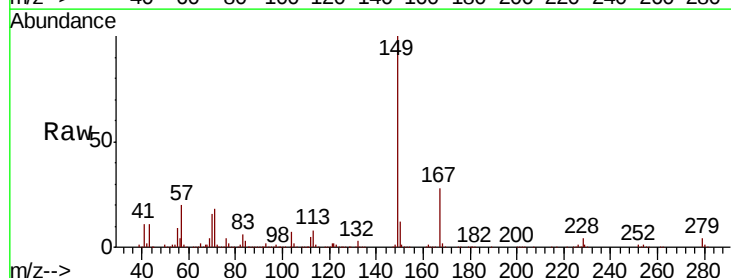
Instrument :
 BNA_F
 ClientSampleId :

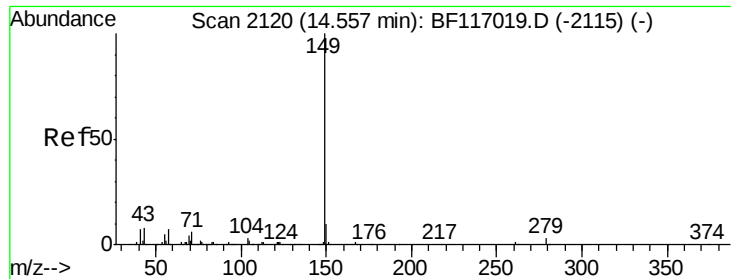
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.8	37.2
229	19.5	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.471 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117094.D
 Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.2
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.920 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

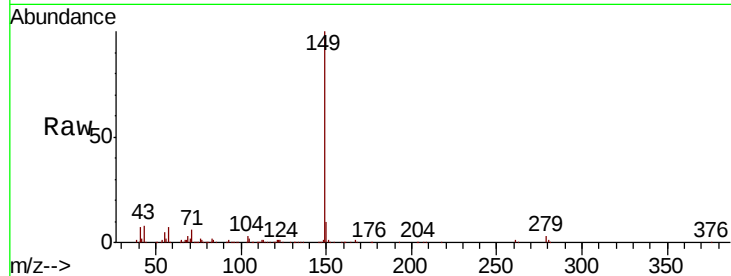
Tot Ion:149 Resp: 700649

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

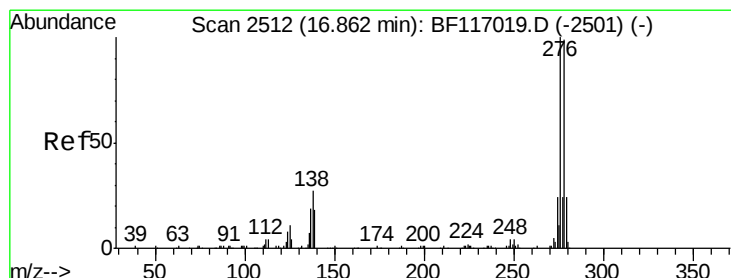
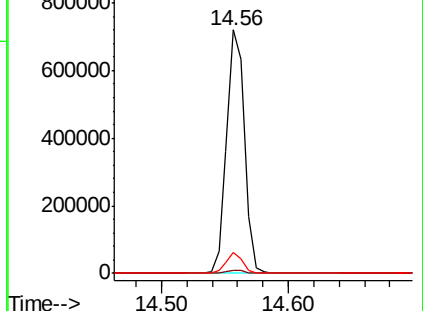
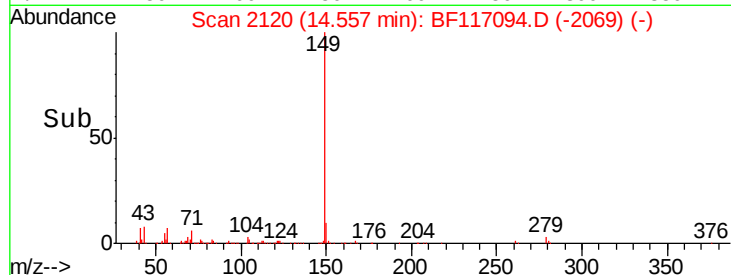
43 7.6 6.2 9.4



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: 33.232 ng

RT: 16.87 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

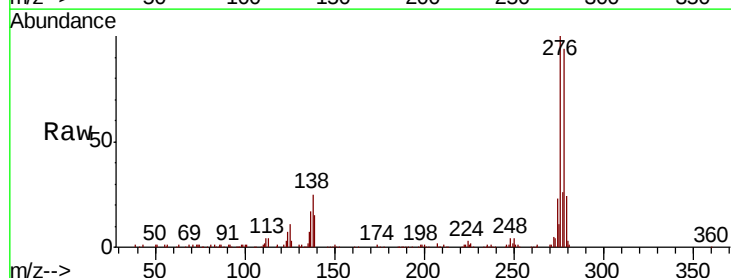
Tgt Ion:276 Resp: 306271

Ion Ratio Lower Upper

276 100

138 24.3 20.7 31.1

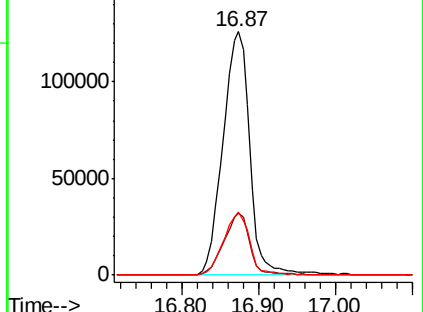
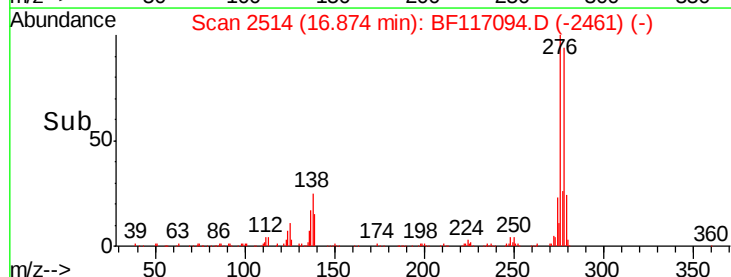
277 24.9 19.8 29.8

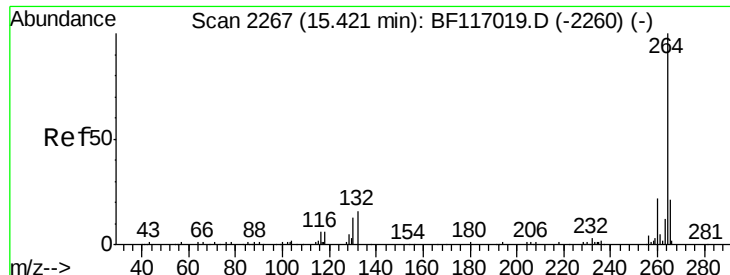


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

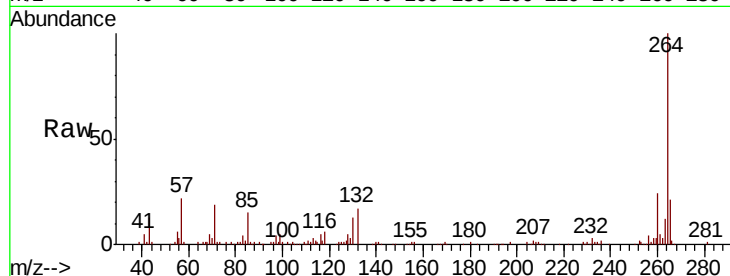




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.6	26.4
265	20.9	16.6	24.8

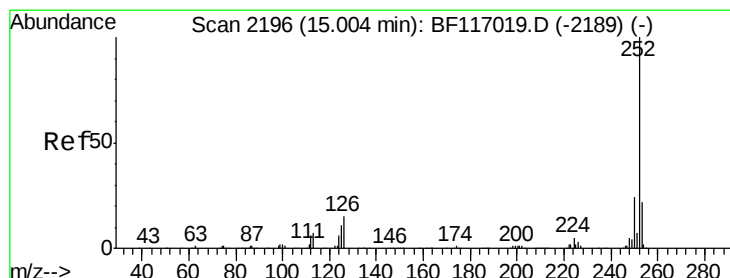
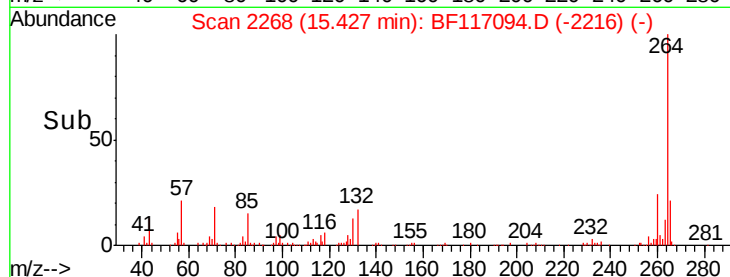
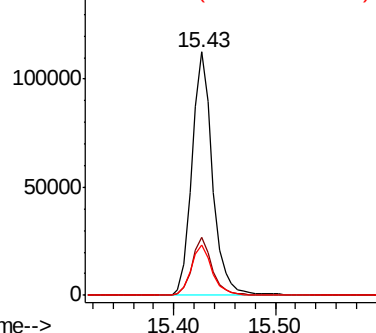


Abundance

Ion 264.00 (263.70 to 264.70): E

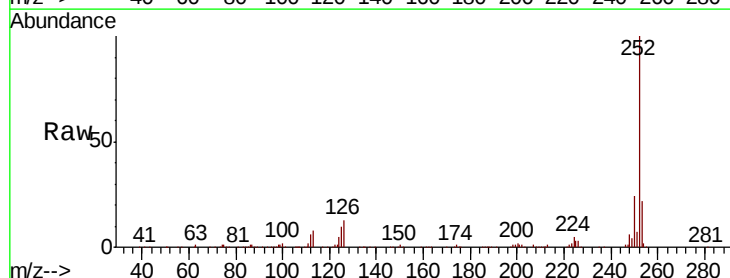
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.485 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.2	8.6	12.8

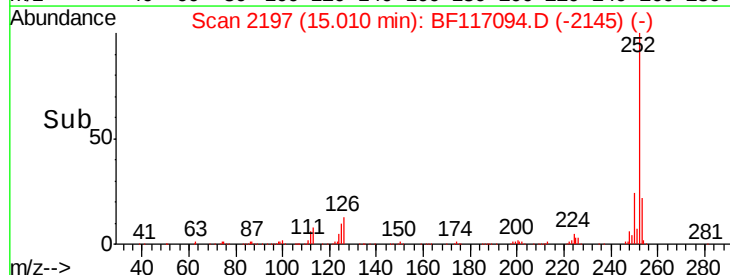
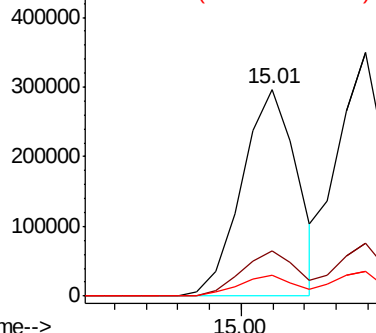


Abundance

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

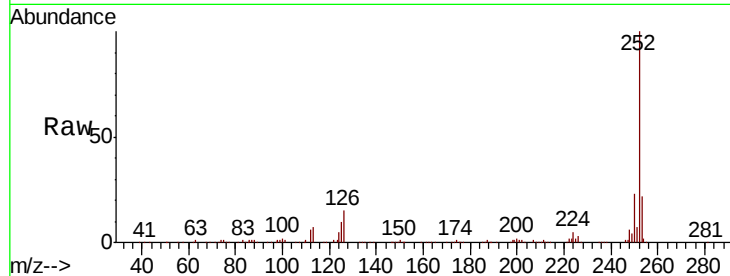




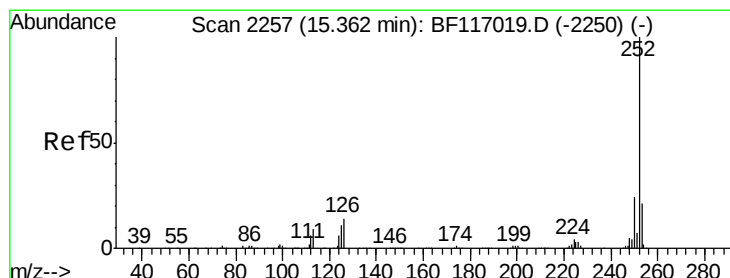
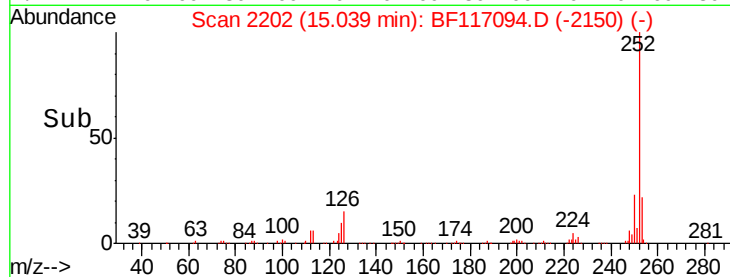
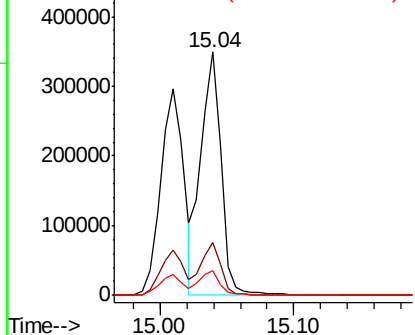
#89
Benzo(k)fluoranthene
Concen: 40.376 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 367406
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 10.0 8.8 13.2

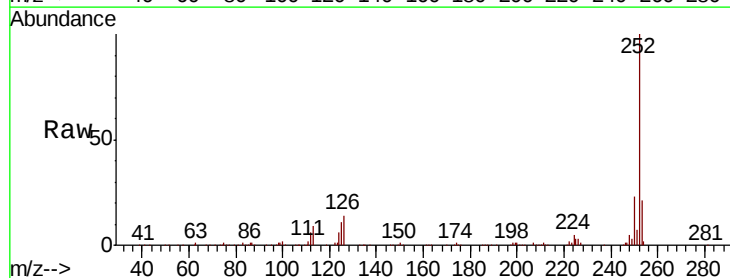


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

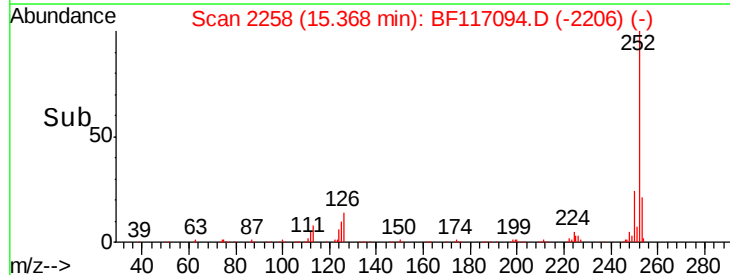
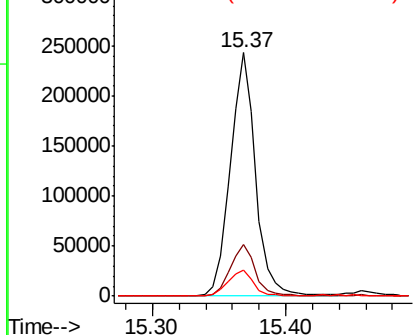


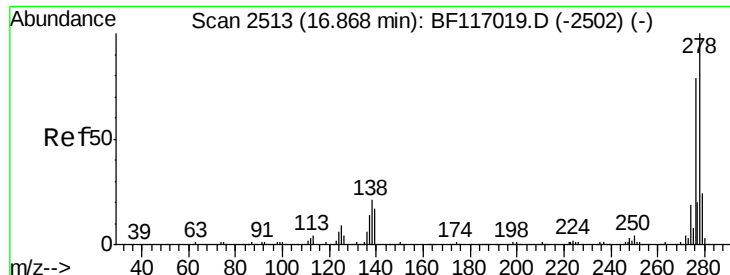
#90
Benzo(a)pyrene
Concen: 38.318 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF117094.D
Acq: 17 Sep 2019 9:25

Tgt Ion:252 Resp: 323000
Ion Ratio Lower Upper
252 100
253 21.1 16.6 25.0
125 10.6 8.9 13.3



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





#91

Dibenzo(a,h)anthracene

Concen: 37.481 ng

RT: 16.88 min Scan# 2515

Delta R.T. 0.01 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

Instrument :

BNA_F

ClientSampleId :

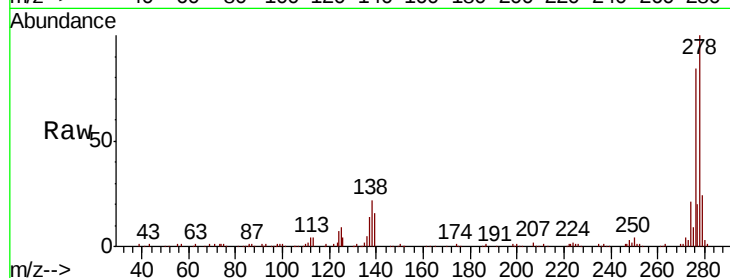
Tot Ion:278 Resp: 251689

Ion Ratio Lower Upper

278 100

139 15.6 13.5 20.3

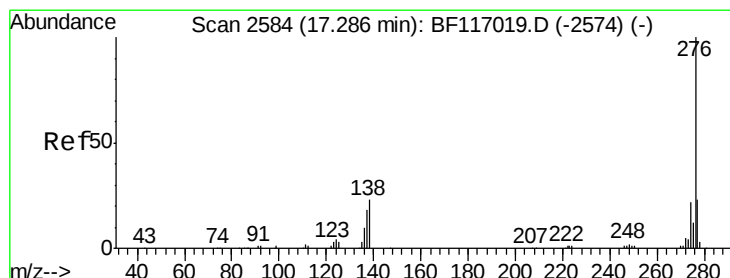
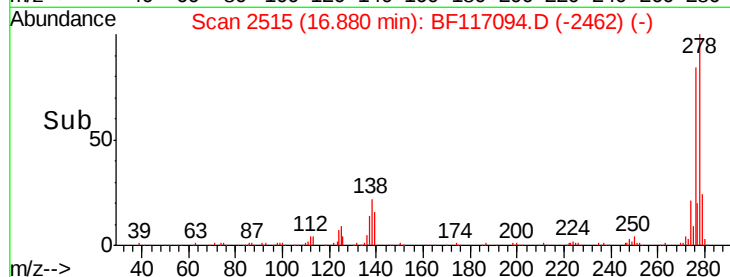
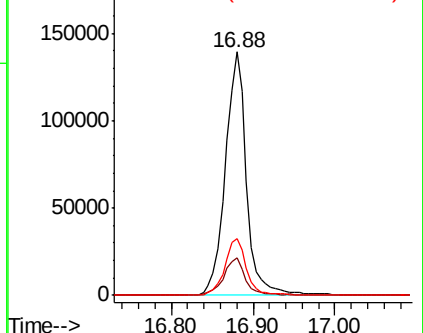
279 23.5 18.8 28.2



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: 35.167 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.02 min

Lab File: BF117094.D

Acq: 17 Sep 2019 9:25

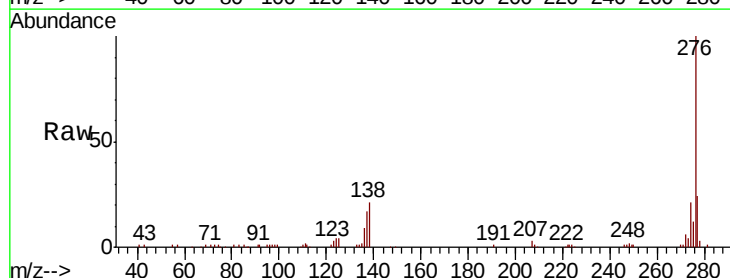
Tgt Ion:276 Resp: 235324

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 20.8 18.0 27.0



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

