

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115894.D
 Acq On : 1 Aug 2019 8:49
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	174861	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	695763	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	370579	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	647215	20.00	ng	0.00
76) Chrysene-d12	14.03	240	449080	20.00	ng	0.00
87) Perylene-d12	15.51	264	426344	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	842633	80.67	ng	0.01
7) Phenol-d6	6.50	99	1063295	80.68	ng	0.01
23) Nitrobenzene-d5	7.42	82	971497	80.60	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	281740	78.42	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1512216	76.43	ng	0.00
79) Terphenyl-d14	12.97	244	1712789	80.37	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	209656	39.731	ng	100
3) Pyridine	3.38	79	589171	39.969	ng	98
4) n-Nitrosodimethylamine	3.33	42	236457	40.648	ng	97
6) Aniline	6.52	93	757894	40.157	ng	99
8) 2-Chlorophenol	6.65	128	466217	40.364	ng	99
9) Benzaldehyde	6.40	77	354773	39.016	ng	98
10) Phenol	6.51	94	615159	39.639	ng	85
11) bis(2-Chloroethyl)ether	6.59	93	454864	39.866	ng	99
12) 1,3-Dichlorobenzene	6.80	146	525879	39.395	ng	98
13) 1,4-Dichlorobenzene	6.87	146	522902	39.123	ng	99
14) 1,2-Dichlorobenzene	7.03	146	490224	39.833	ng	98
15) Benzyl Alcohol	7.00	79	414014	41.396	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	608661	39.110	ng	97
17) 2-Methylphenol	7.12	107	398145	40.709	ng	99
18) Hexachloroethane	7.37	117	194475	39.520	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	311458	38.139	ng	100
20) 3+4-Methylphenols	7.27	107	456135	39.411	ng	# 82
22) Acetophenone	7.27	105	606096	39.720	ng	99
24) Nitrobenzene	7.44	77	520999	40.031	ng	98
25) Isophorone	7.68	82	902175	39.143	ng	99
26) 2-Nitrophenol	7.76	139	251754	41.036	ng	95
27) 2,4-Dimethylphenol	7.79	122	372908	40.402	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	565570	39.590	ng	99
29) 2,4-Dichlorophenol	8.00	162	392737	40.299	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	447710	40.301	ng	98
31) Naphthalene	8.16	128	1305196	39.864	ng	100
32) Benzoic acid	7.93	122	208982	32.114	ng	97
33) 4-Chloroaniline	8.21	127	606269	41.443	ng	99
34) Hexachlorobutadiene	8.28	225	255428	39.918	ng	99
35) Caprolactam	8.60	113	131140	41.605	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	410543	40.493	ng	97
37) 2-Methylnaphthalene	8.86	142	849183	39.382	ng	99
38) 1-Methylnaphthalene	8.96	142	799197	39.178	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	393529	39.722	ng	99

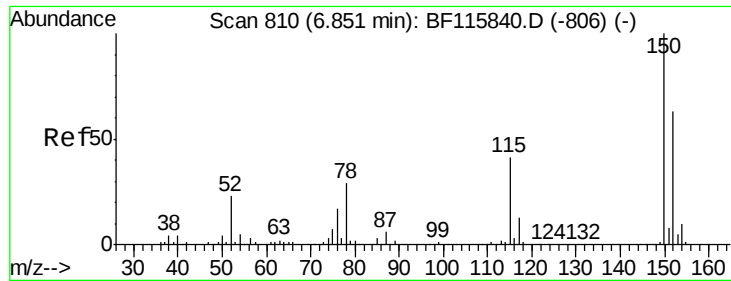
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115894.D
 Acq On : 1 Aug 2019 8:49
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 13:42:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	129693	32.924	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	274578	40.266	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	277532	39.372	ng	95
46) 1,1'-Biphenyl	9.32	154	1017466	38.890	ng	99
47) 2-Chloronaphthalene	9.35	162	855398	39.283	ng	97
48) 2-Nitroaniline	9.45	65	295265	41.023	ng	97
49) Acenaphthylene	9.76	152	1252694	39.433	ng	99
50) Dimethylphthalate	9.62	163	995229	39.443	ng	99
51) 2,6-Dinitrotoluene	9.69	165	218299	39.811	ng	97
52) Acenaphthene	9.93	154	768287	39.421	ng	100
53) 3-Nitroaniline	9.86	138	279521	41.255	ng	93
54) 2,4-Dinitrophenol	9.97	184	89349	36.721	ng	96
55) Dibenzofuran	10.10	168	1106094	39.026	ng	97
56) 4-Nitrophenol	10.02	139	163982	37.781	ng	97
57) 2,4-Dinitrotoluene	10.09	165	292624	40.082	ng	93
58) Fluorene	10.45	166	862366	39.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	231984	39.118	ng	99
60) Diethylphthalate	10.32	149	910787	38.662	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	430781	39.007	ng	99
62) 4-Nitroaniline	10.47	138	286435	40.907	ng	99
63) Azobenzene	10.60	77	952007	39.290	ng	99
65) 4,6-Dinitro-2-methylphenol	10.51	198	136026	39.660	ng	97
66) n-Nitrosodiphenylamine	10.56	169	773364	39.699	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	274066	39.557	ng	96
68) Hexachlorobenzene	11.00	284	314335	39.235	ng	99
69) Atrazine	11.09	200	249140	38.875	ng	99
70) Pentachlorophenol	11.20	266	145721	37.464	ng	98
71) Phenanthrene	11.42	178	1306842	39.497	ng	100
72) Anthracene	11.46	178	1306920	39.029	ng	98
73) Carbazole	11.62	167	1220923	40.189	ng	100
74) Di-n-butylphthalate	11.95	149	1378745	38.904	ng	100
75) Fluoranthene	12.60	202	1362818	39.344	ng	98
77) Benzidine	12.72	184	770813	50.806	ng	98
78) Pyrene	12.83	202	1404351	41.485	ng	99
80) Butylbenzylphthalate	13.44	149	591718	41.322	ng	95
81) Benzo(a)anthracene	14.02	228	1172079	40.834	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	417839	41.901	ng	98
83) Chrysene	14.06	228	1122479	40.280	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	756818	40.671	ng	100
85) Di-n-octyl phthalate	14.62	149	1149062	38.877	ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	1006368	42.998	ng	99
88) Benzo(b)fluoranthene	15.08	252	965951	39.184	ng	98
89) Benzo(k)fluoranthene	15.11	252	938065	39.068	ng	100
90) Benzo(a)pyrene	15.45	252	888821	40.334	ng	99
91) Dibenzo(a,h)anthracene	17.01	278	811218	42.527	ng	100
92) Benzo(g,h,i)perylene	17.44	276	827177	44.155	ng	98

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

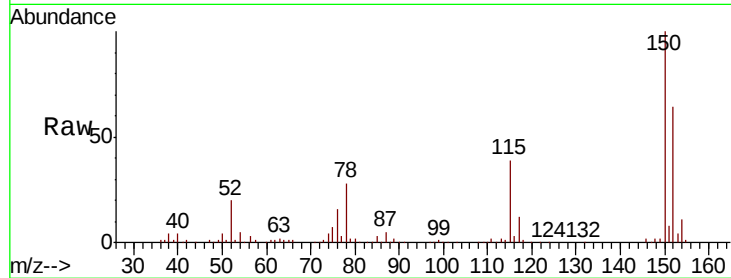


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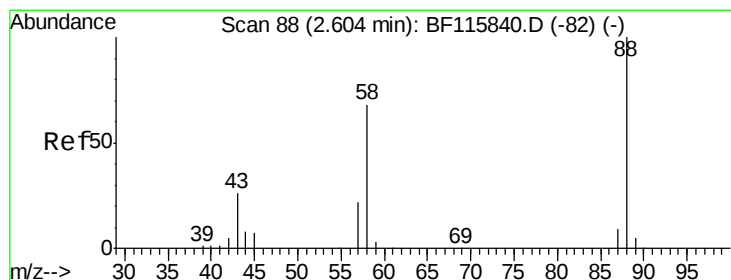
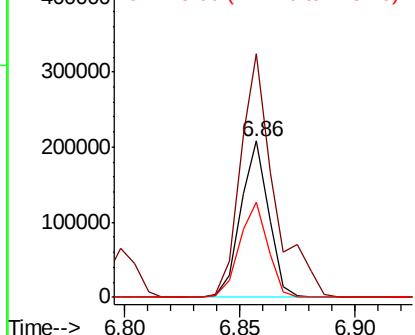
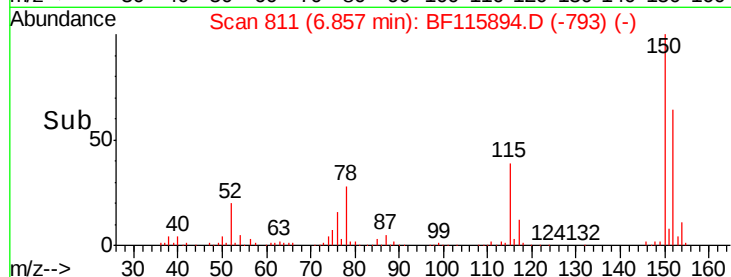
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 174861
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 60.8 51.8 77.8



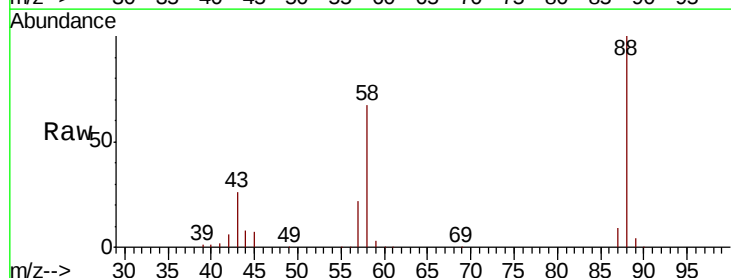
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



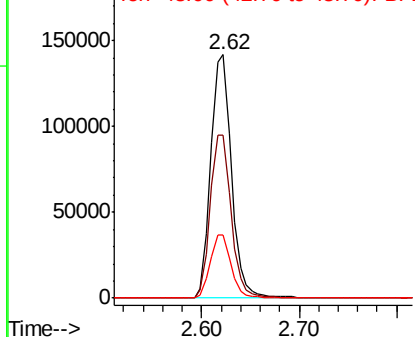
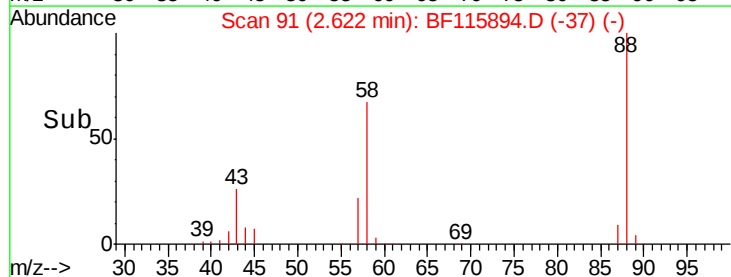
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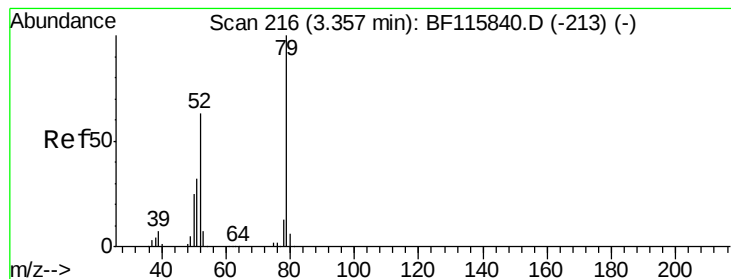
1,4-Dioxane
Concen: 39.731 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.02 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion: 88 Resp: 209656
Ion Ratio Lower Upper
88 100
58 67.5 54.1 81.1
43 26.1 20.7 31.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.969 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

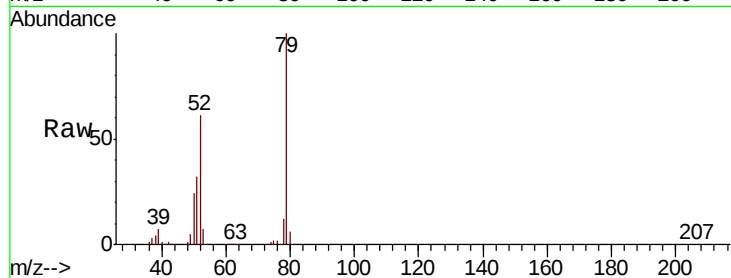
Tot Ion: 79 Resp: 589171

Ion Ratio Lower Upper

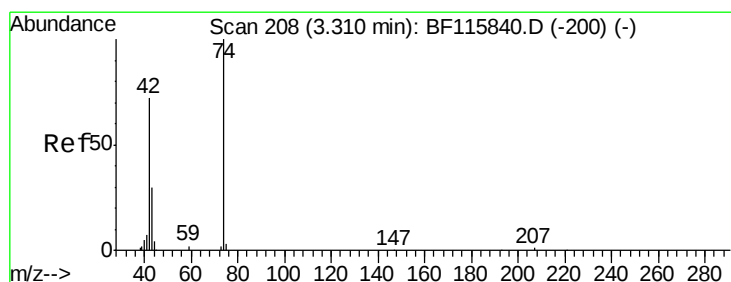
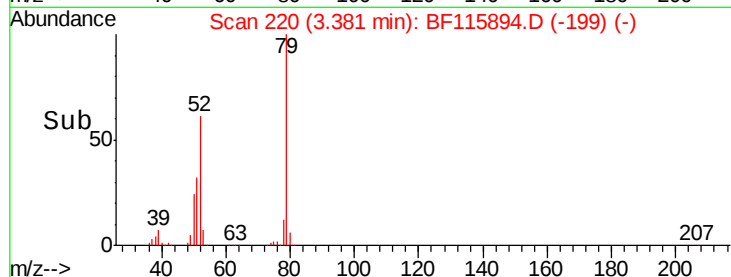
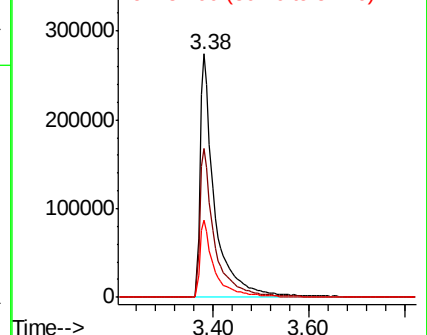
79 100

52 61.0 50.2 75.4

51 31.9 25.8 38.6



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: 40.648 ng

RT: 3.33 min Scan# 212

Delta R.T. 0.02 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

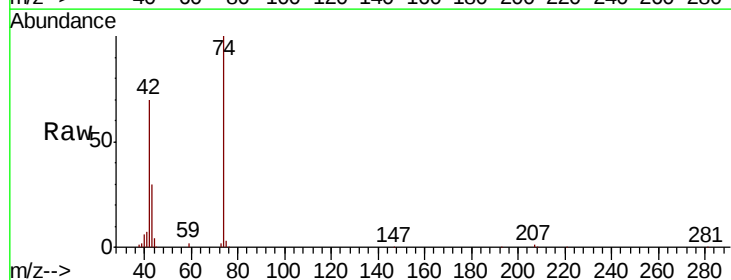
Tgt Ion: 42 Resp: 236457

Ion Ratio Lower Upper

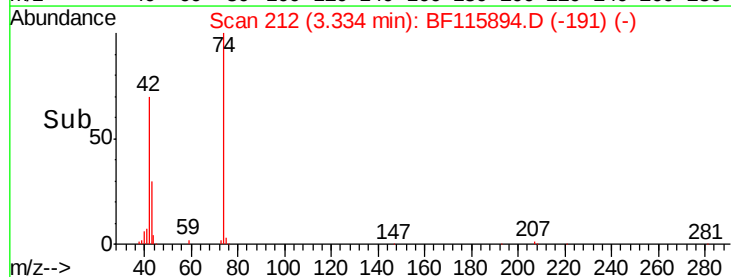
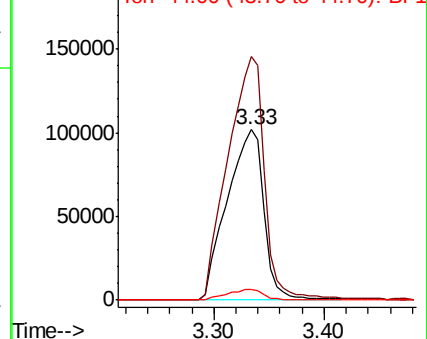
42 100

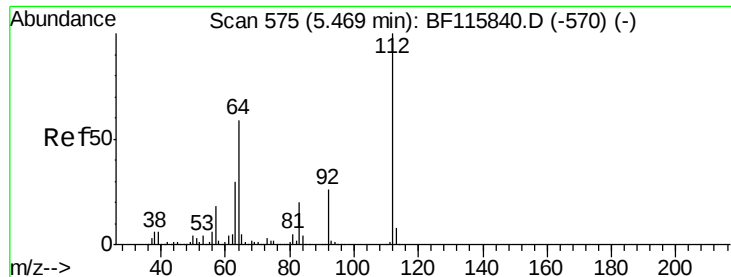
74 143.1 111.0 166.4

44 6.2 4.7 7.1



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: 80.671 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

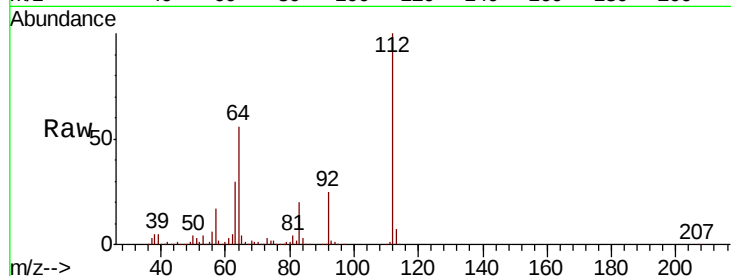
Tot Ion:112 Resp: 842633

Ion Ratio Lower Upper

112 100

64 56.1 46.8 70.2

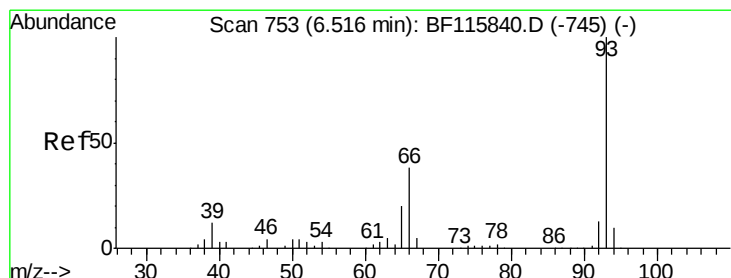
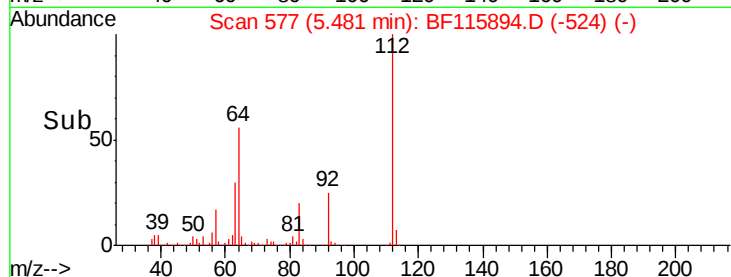
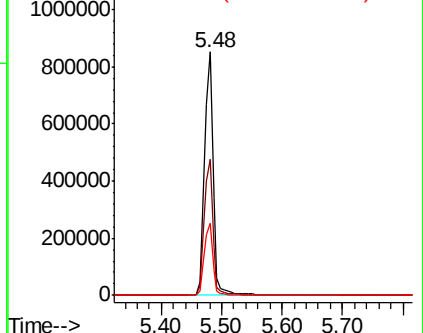
63 29.6 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.157 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

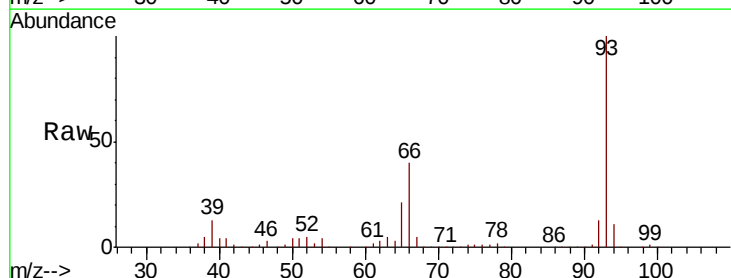
Tgt Ion: 93 Resp: 757894

Ion Ratio Lower Upper

93 100

66 40.1 31.4 47.0

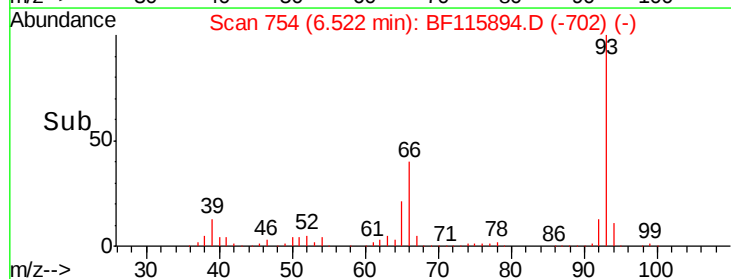
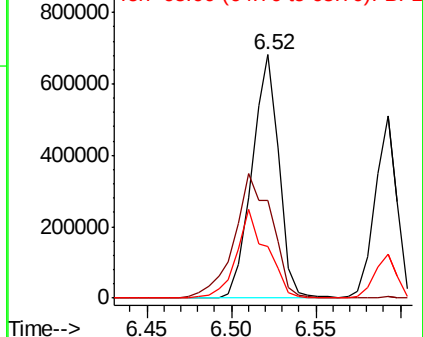
65 21.2 16.5 24.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.683 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

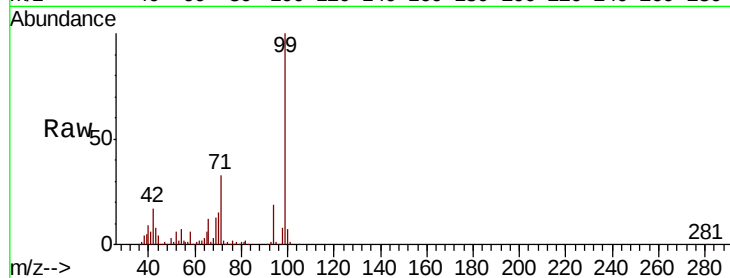
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1063295

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	33.3	27.1	40.7

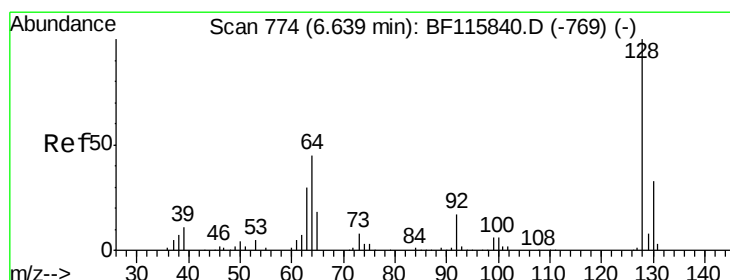
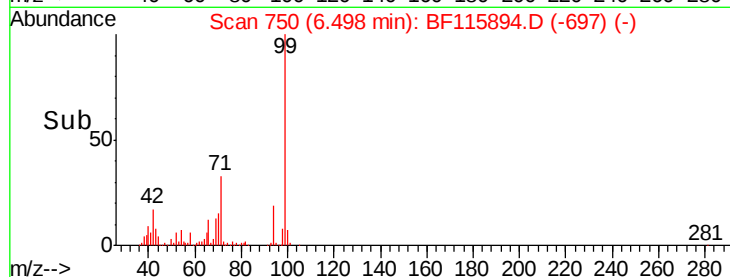
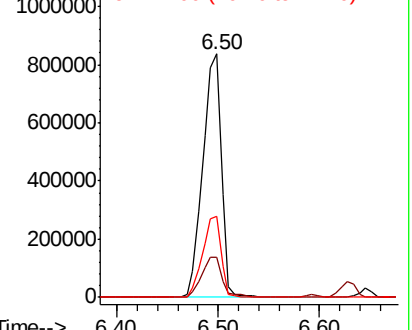


Abundance

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: 40.364 ng

RT: 6.65 min Scan# 775

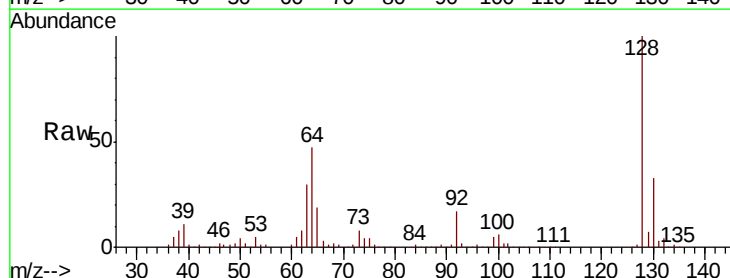
Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Tgt Ion: 128 Resp: 466217

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	46.8	26.1	66.1

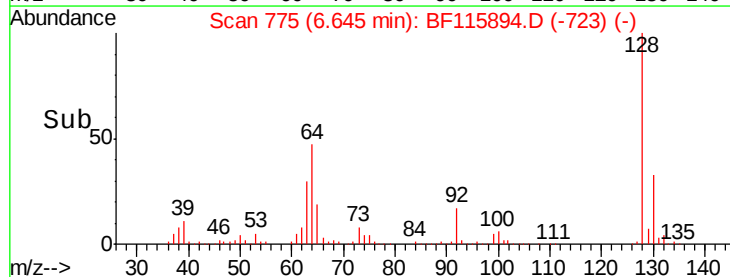
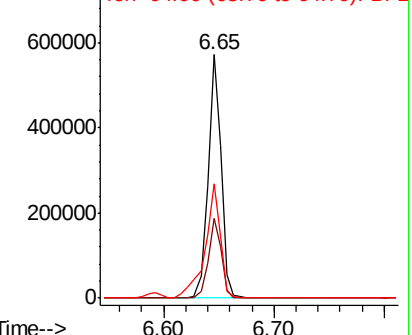


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.016 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

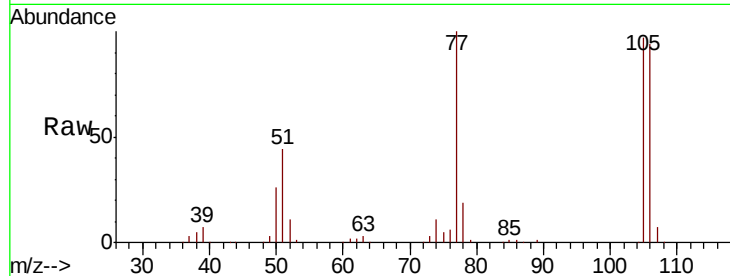
Tot Ion: 77 Resp: 354773

Ion Ratio Lower Upper

77 100

105 97.1 79.0 119.0

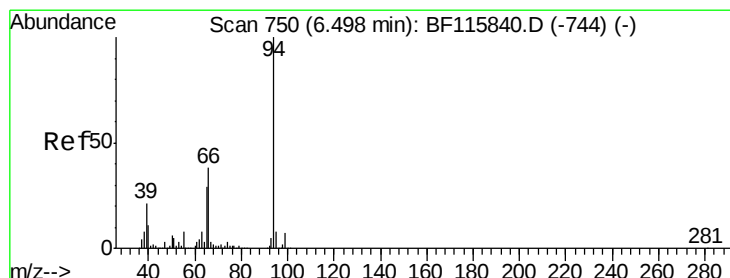
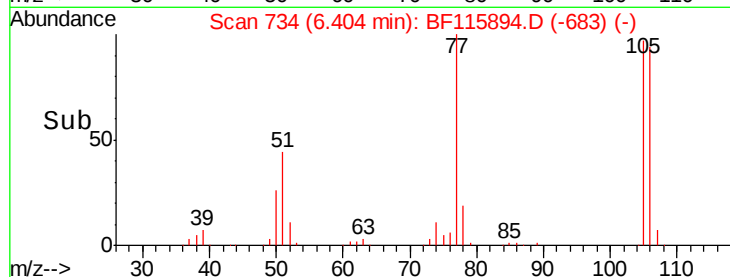
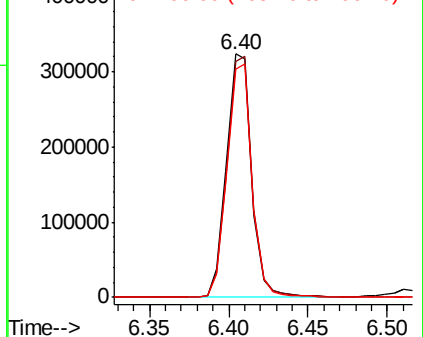
106 93.7 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.639 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

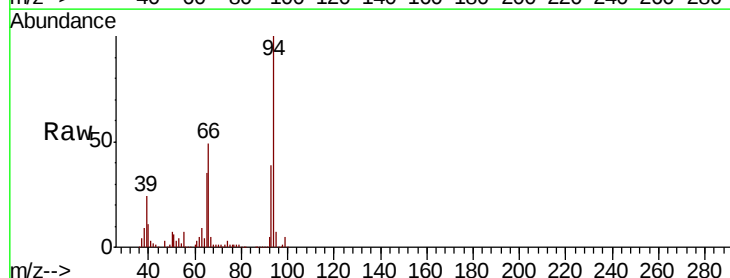
Tgt Ion: 94 Resp: 615159

Ion Ratio Lower Upper

94 100

65 34.7 8.9 48.9

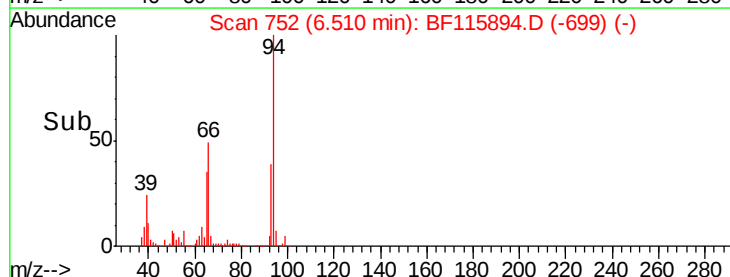
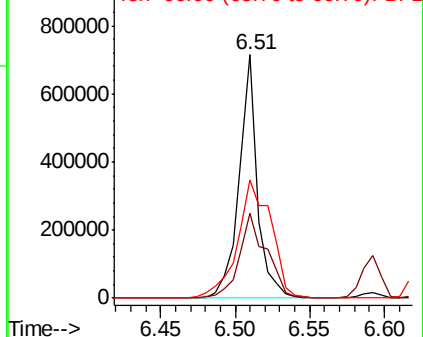
66 48.7 18.0 58.0

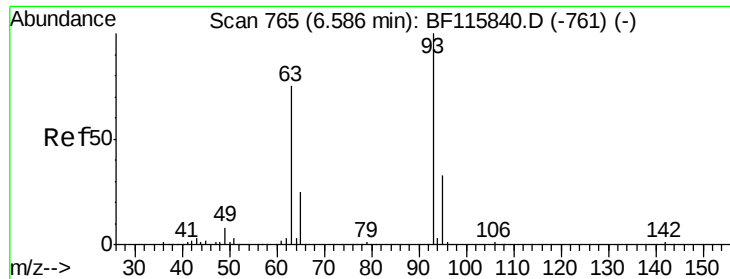


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

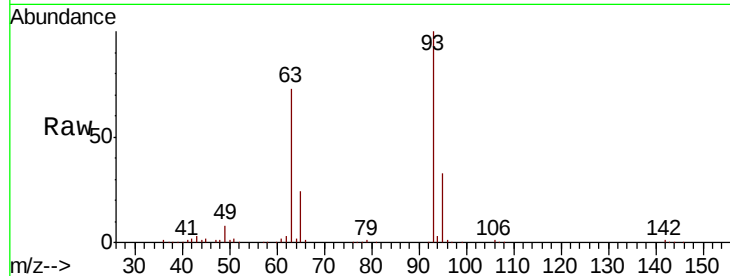




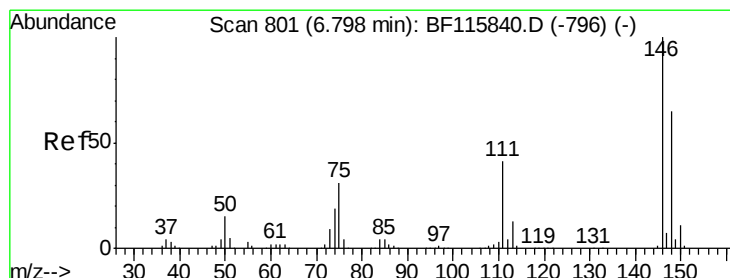
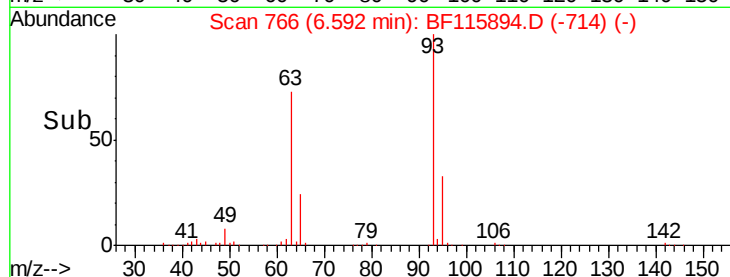
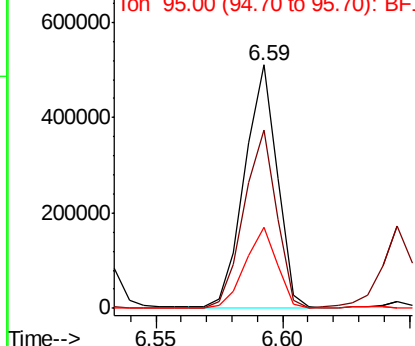
#11
bis(2-Chloroethyl)ether
Concen: 39.866 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.9	94.9
95	33.3	13.3	53.3

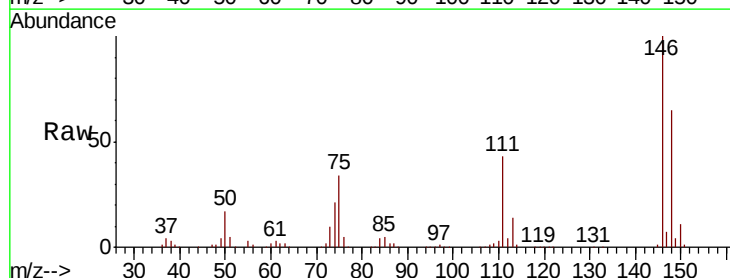


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

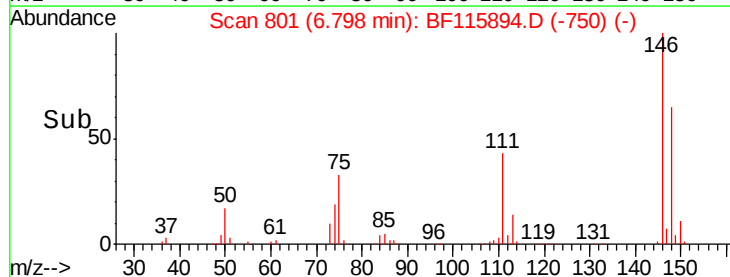
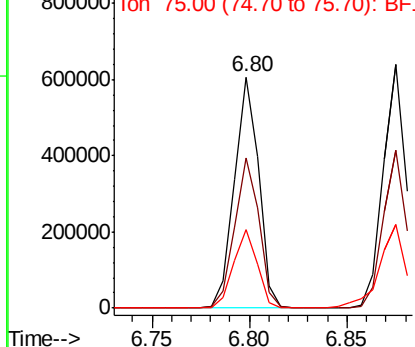


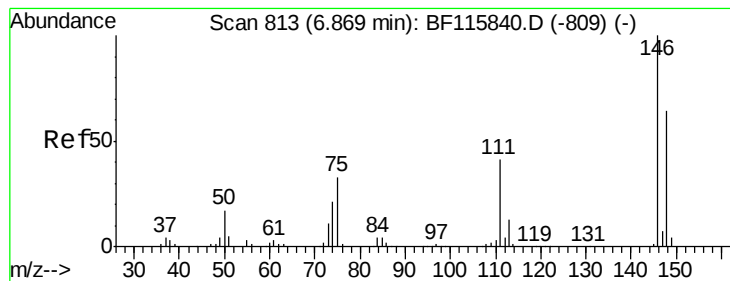
#12
1,3-Dichlorobenzene
Concen: 39.395 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
75	33.9	25.0	37.6



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





#13

1,4-Dichlorobenzene

Concen: 39.123 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

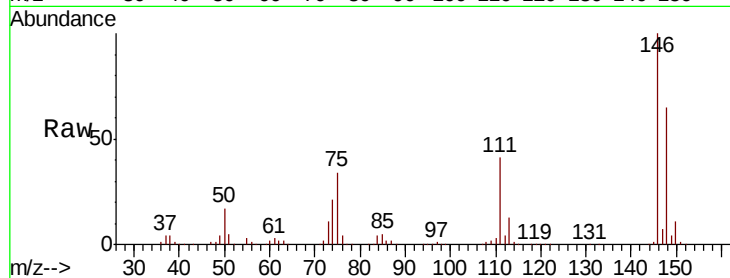
Tot Ion:146 Resp: 522902

Ion Ratio Lower Upper

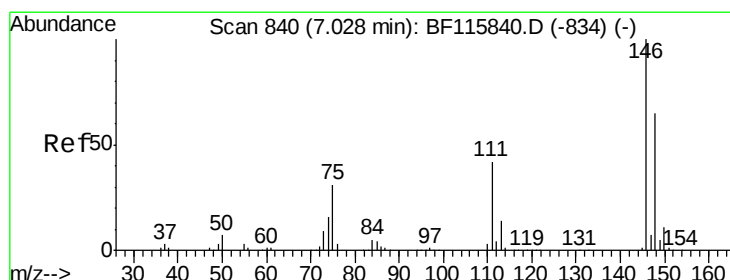
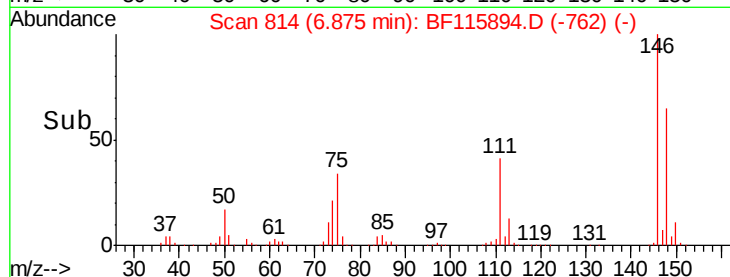
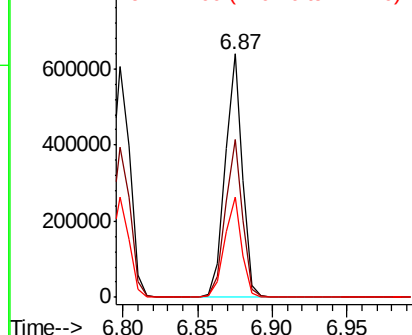
146 100

148 64.9 51.2 76.8

111 41.3 33.2 49.8



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: 39.833 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

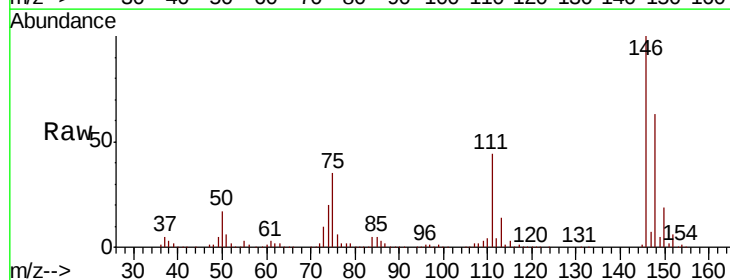
Tgt Ion:146 Resp: 490224

Ion Ratio Lower Upper

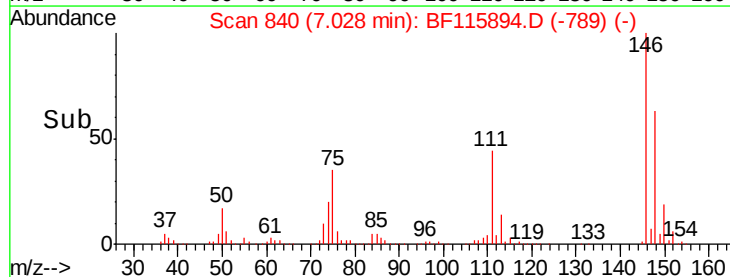
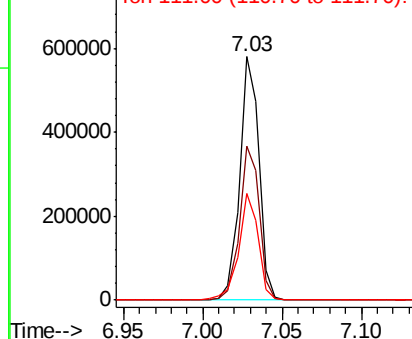
146 100

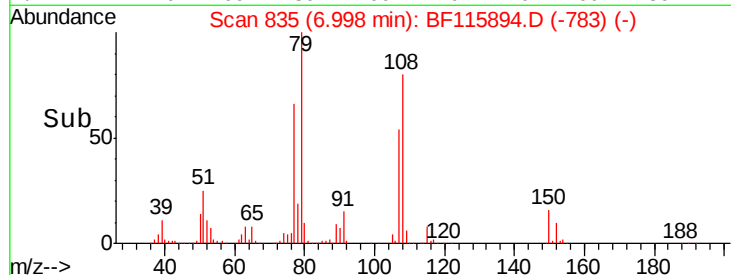
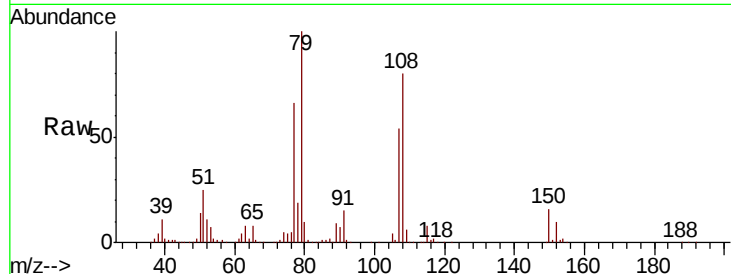
148 63.5 51.6 77.4

111 43.9 33.6 50.4



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

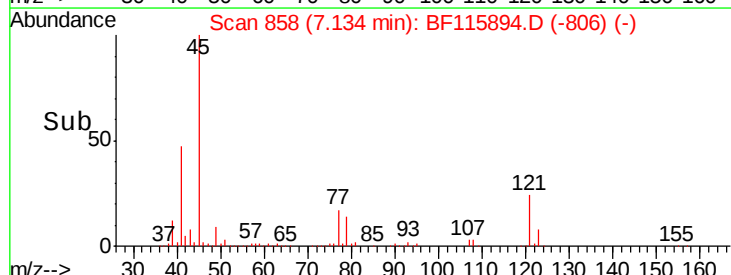
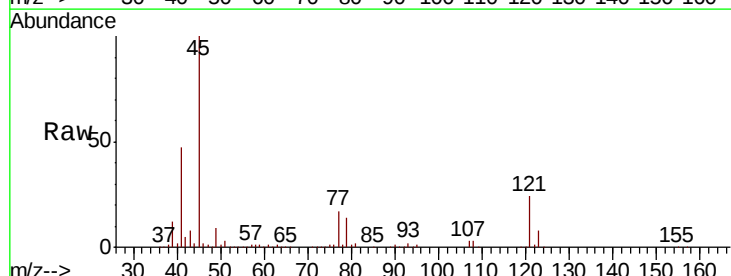
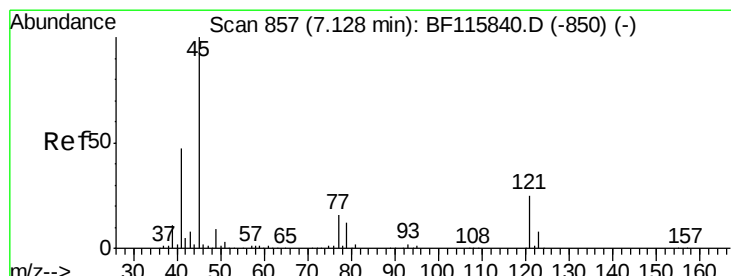
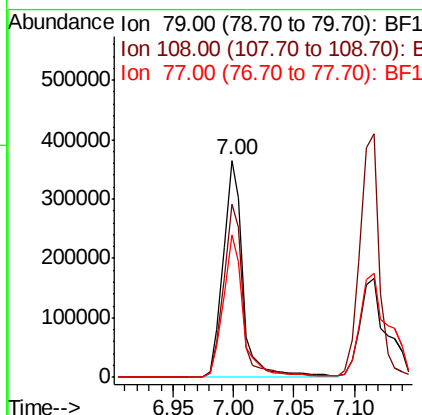




#15
Benzyl Alcohol
Concen: 41.396 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

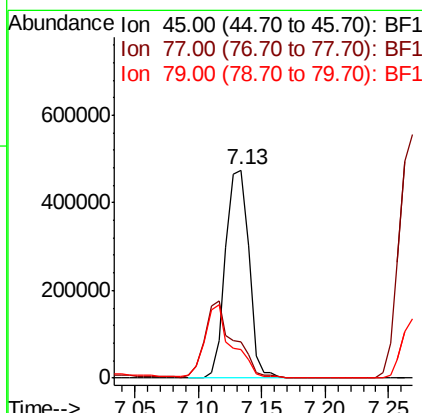
Instrument :
BNA_F
ClientSampled :

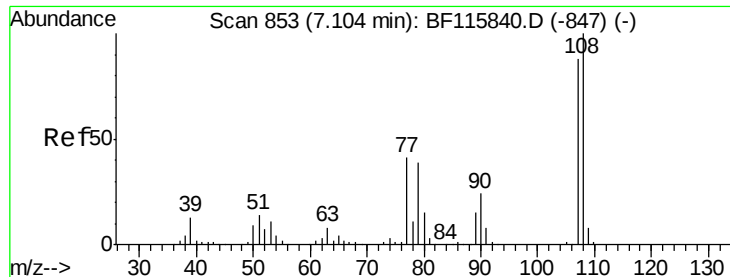
Tot Ion: 79 Resp: 414014
Ion Ratio Lower Upper
79 100
108 79.8 62.8 94.2
77 65.5 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.110 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion: 45 Resp: 608661
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.3
79 13.8 0.0 32.5





#17

2-Methylphenol

Concen: 40.709 ng

RT: 7.12 min Scan# 855

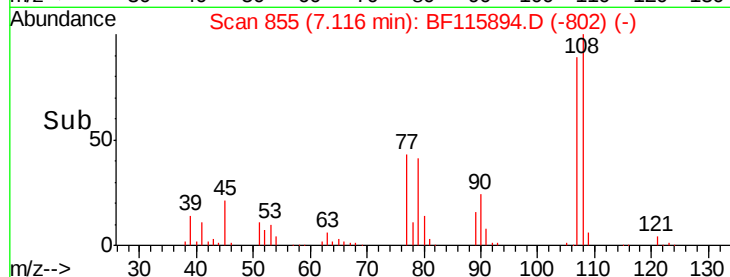
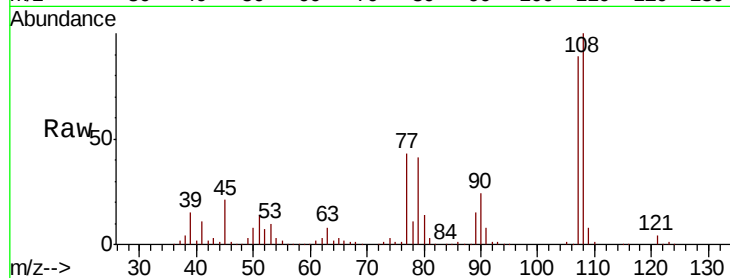
Delta R.T. 0.01 min

Lab File: BF115894.D

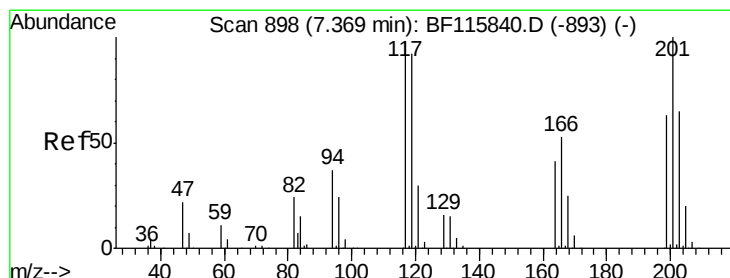
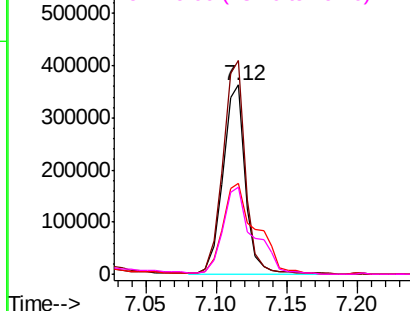
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	398145
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.4	137.0
77	48.4	37.6	56.4
79	45.9	36.2	54.4



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



#18

Hexachloroethane

Concen: 39.520 ng

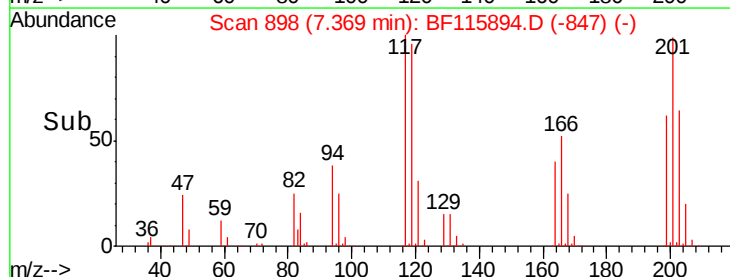
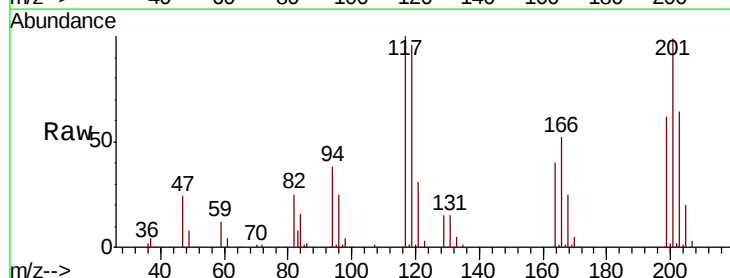
RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

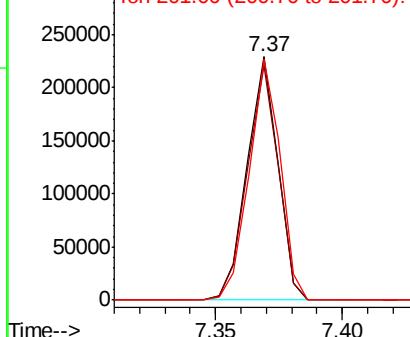
Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Tgt Ion:	117	Resp:	194475
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.8	113.6
201	99.1	82.0	123.0



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

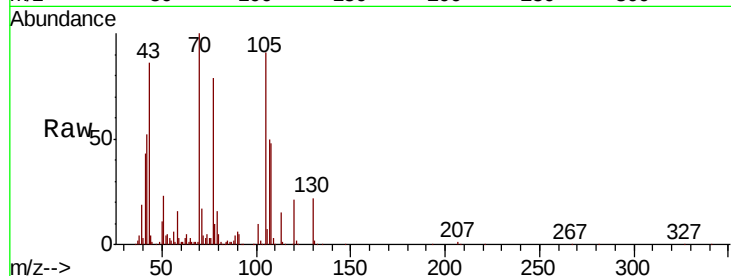




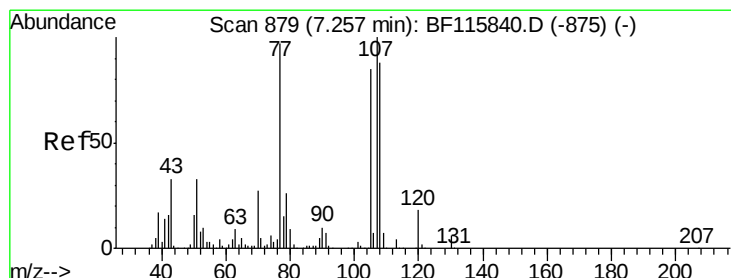
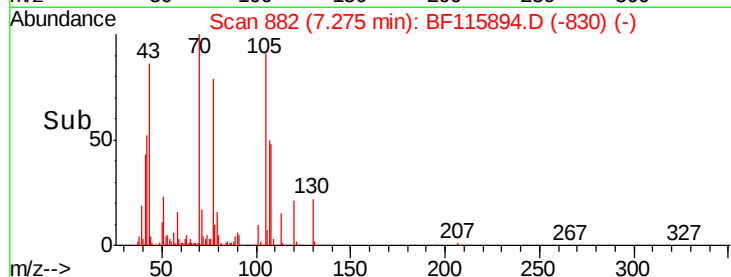
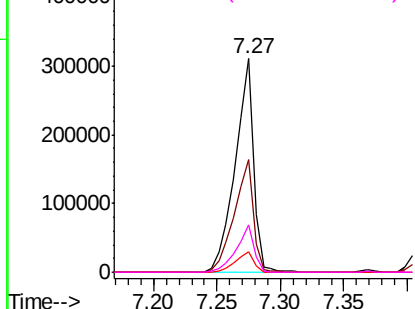
#19
n-Nitroso-di-n-propylamine
Concen: 38.139 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	311458
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.8	62.8
101	9.9	7.7	11.5
130	22.2	17.8	26.6

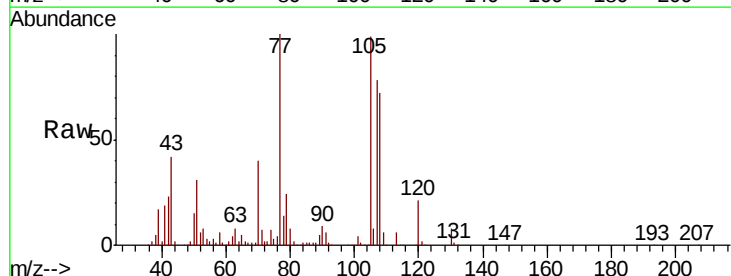


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

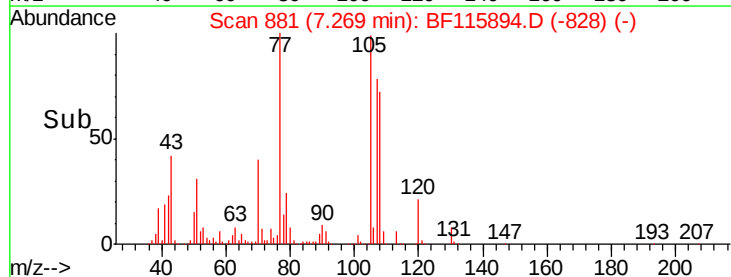
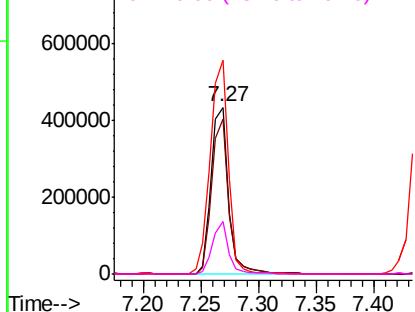


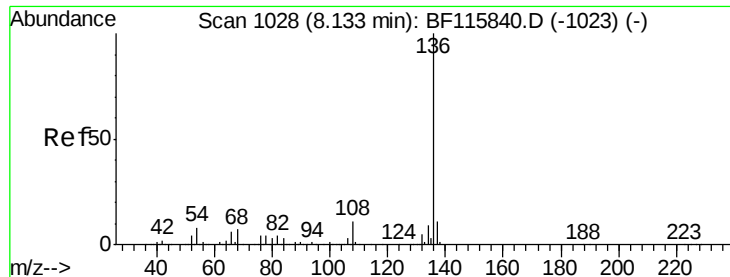
#20
3+4-Methylphenols
Concen: 39.411 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:	107	Resp:	456135
Ion	Ratio	Lower	Upper
107	100		
108	92.7	67.9	107.9
77	128.3	77.3	117.3#
79	31.3	6.6	46.6



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

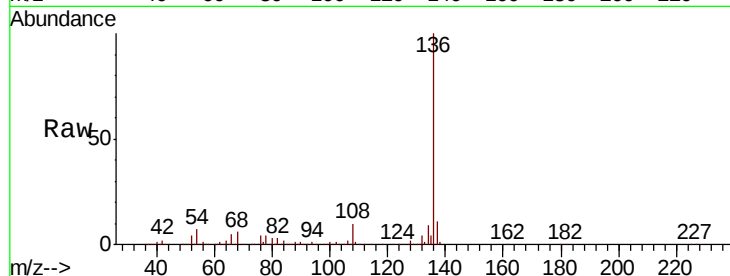




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 695763
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 7.0	6.1 9.1
68 6.2	5.4 8.2



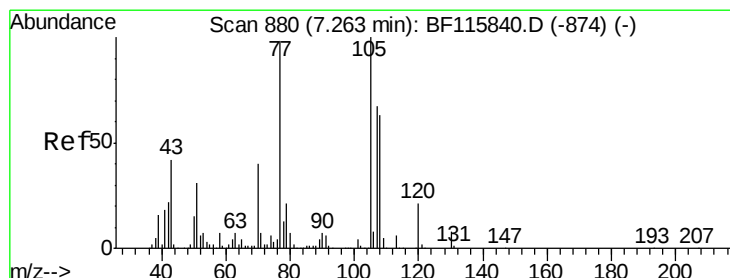
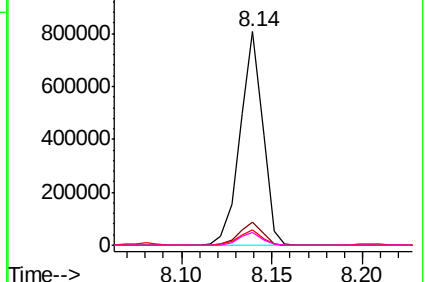
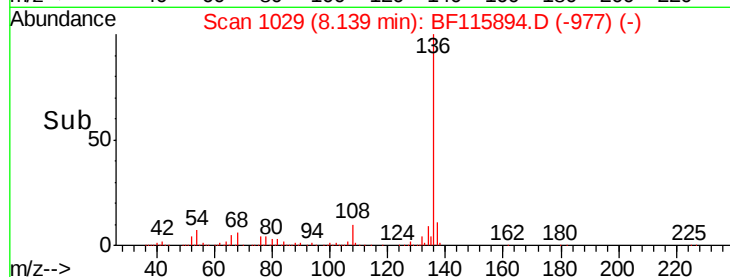
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

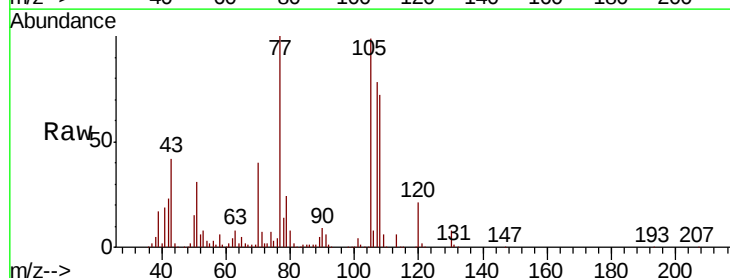
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.720 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion	Ion:105	Resp:	606096
Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.0
51	31.6	24.6	36.8
120	21.7	17.0	25.6



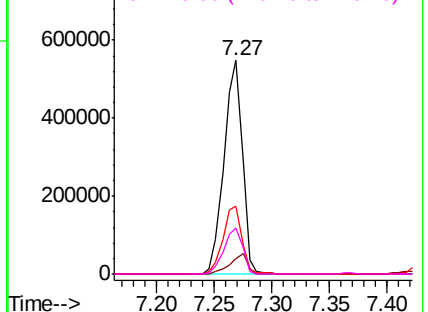
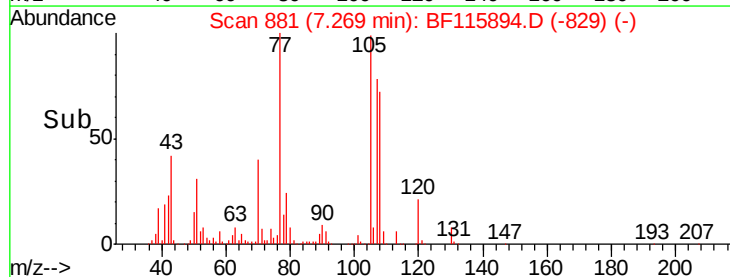
Abundance

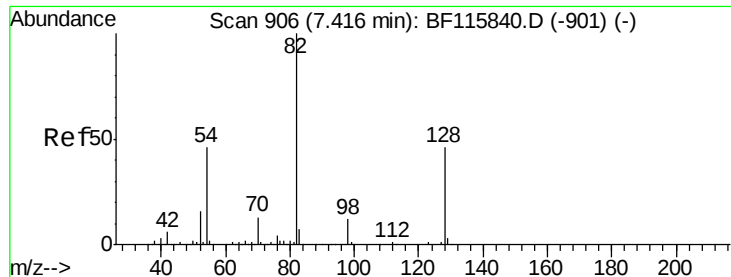
Ion 105.00 (104.70 to 105.70): E

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

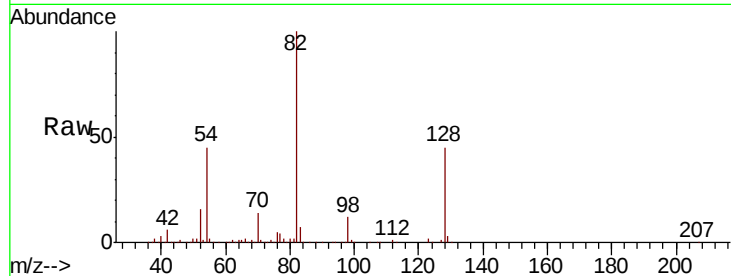




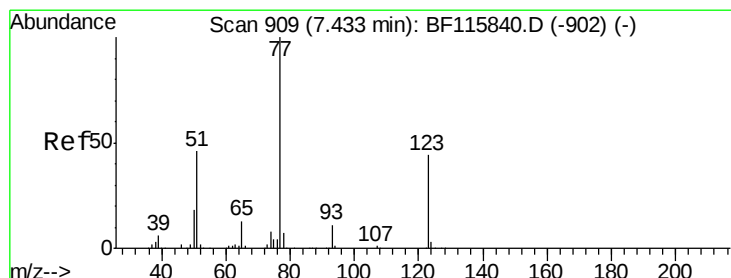
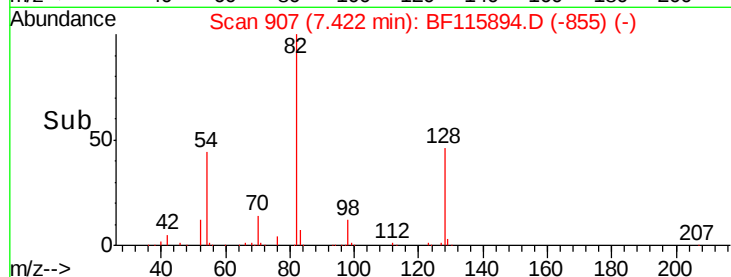
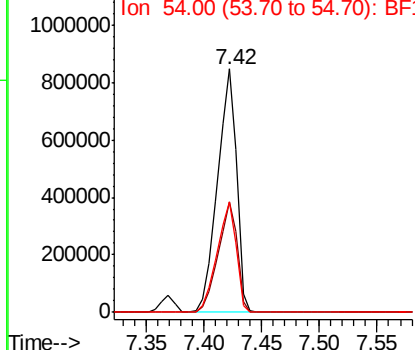
#23
Nitrobenzene-d5
Concen: 80.599 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	971497
Ion Ratio	Lower	Upper	
82	100		
128	45.4	36.6	55.0
54	45.4	36.6	55.0

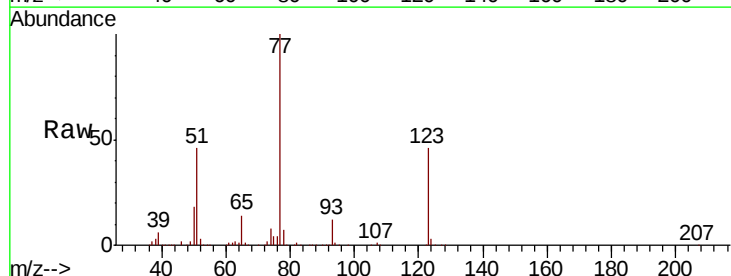


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

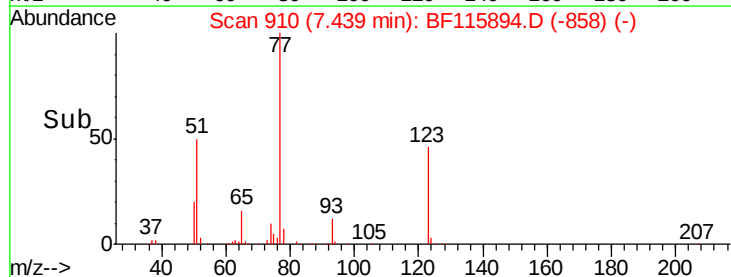
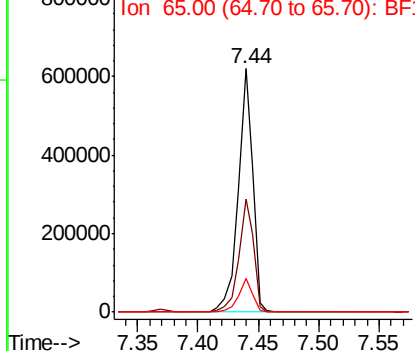


#24
Nitrobenzene
Concen: 40.031 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion	77	Resp	520999
Ion Ratio	Lower	Upper	
77	100		
123	46.2	35.5	53.3
65	13.7	10.6	15.8



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

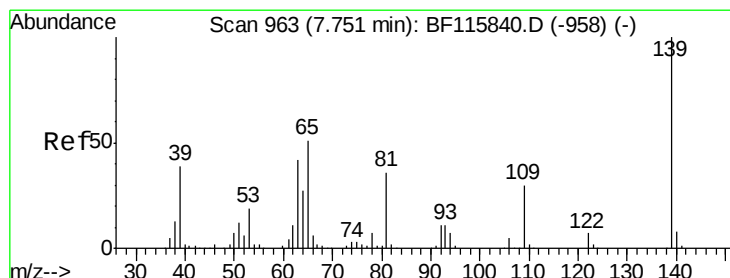
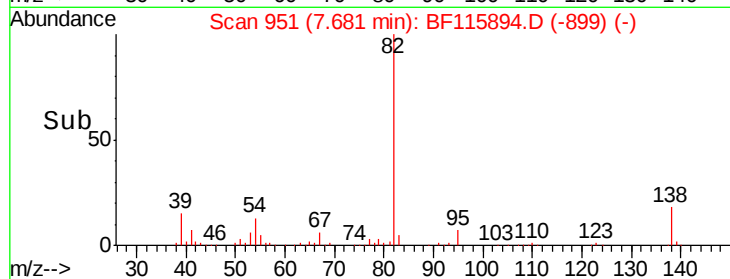
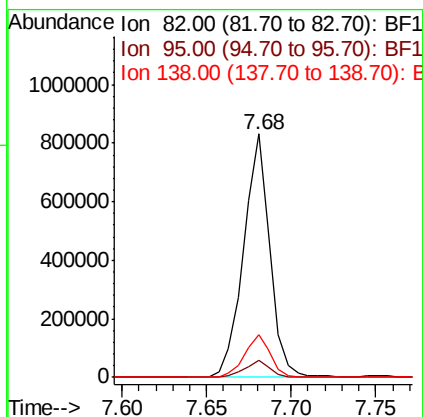
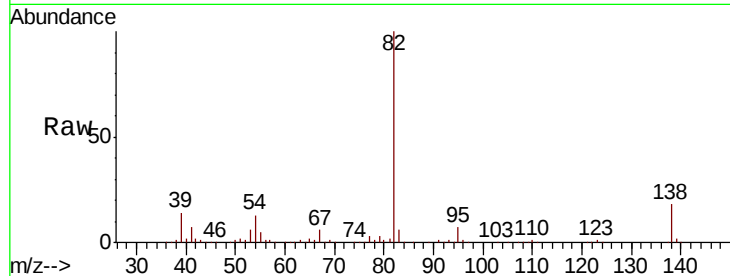




#25
Isophorone
Concen: 39.143 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

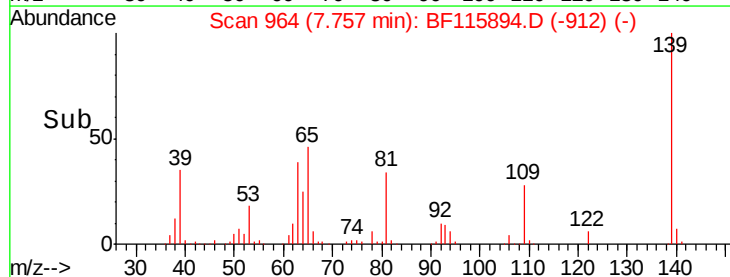
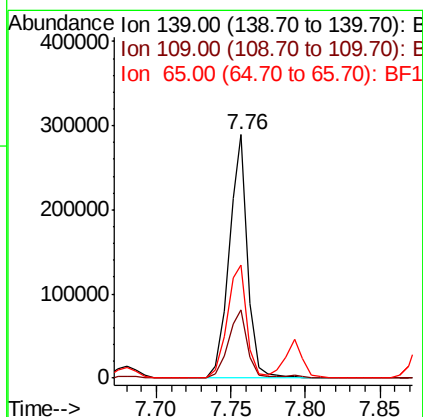
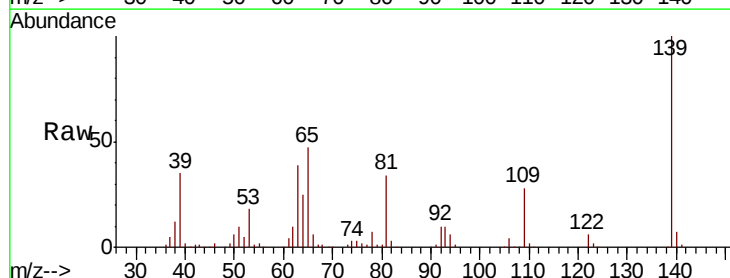
Instrument :
BNA_F
ClientSampleId :

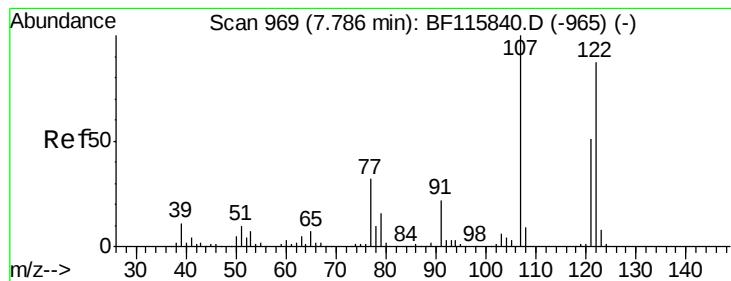
Tot Ion: 82 Resp: 902175
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 13.9 20.9



#26
2-Nitrophenol
Concen: 41.036 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion: 139 Resp: 251754
Ion Ratio Lower Upper
139 100
109 28.2 23.6 35.4
65 46.6 40.6 60.8





#27

2,4-Dimethylphenol

Concen: 40.402 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

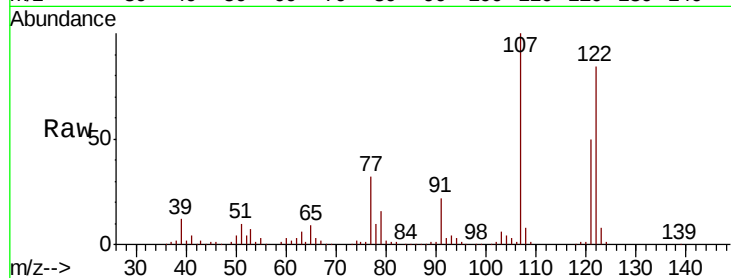
Tot Ion:122 Resp: 372908

Ion Ratio Lower Upper

122 100

107 118.4 91.7 137.5

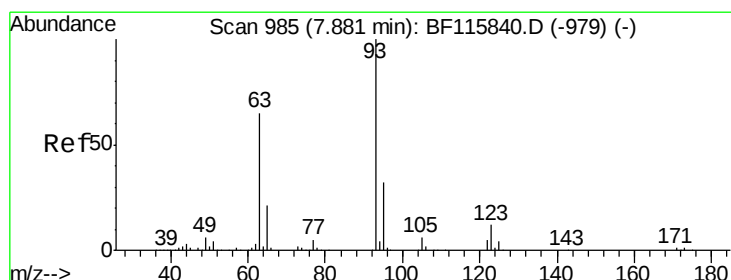
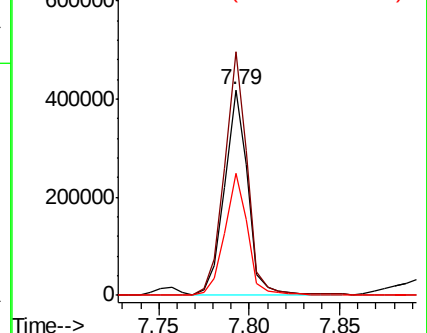
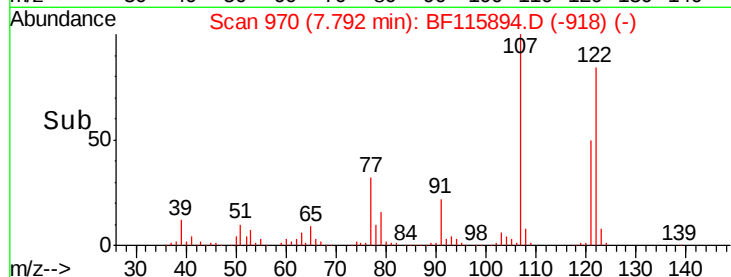
121 59.4 46.6 70.0



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: 39.590 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

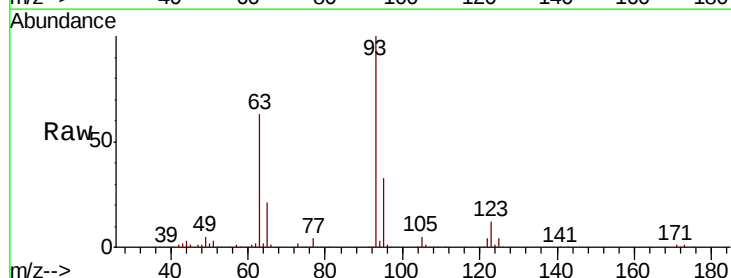
Tgt Ion: 93 Resp: 565570

Ion Ratio Lower Upper

93 100

95 33.2 26.0 39.0

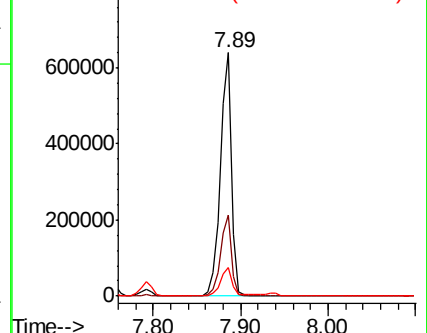
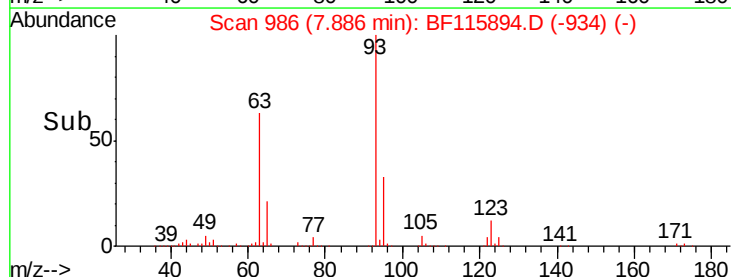
123 12.0 9.5 14.3



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

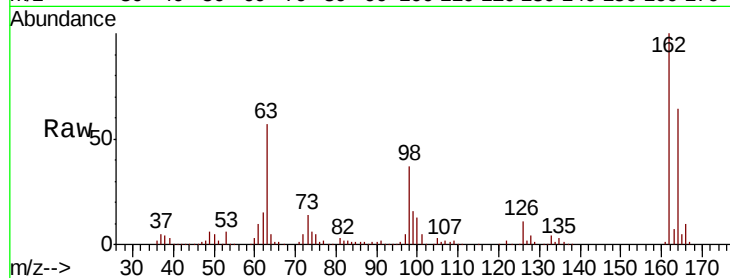




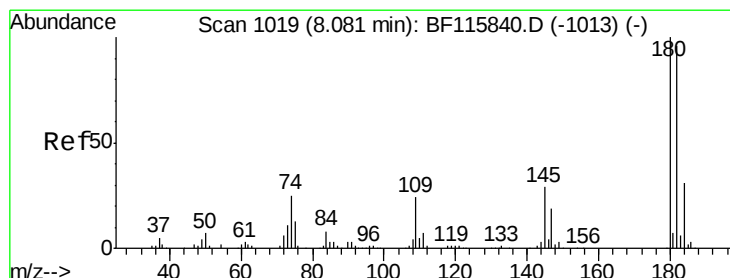
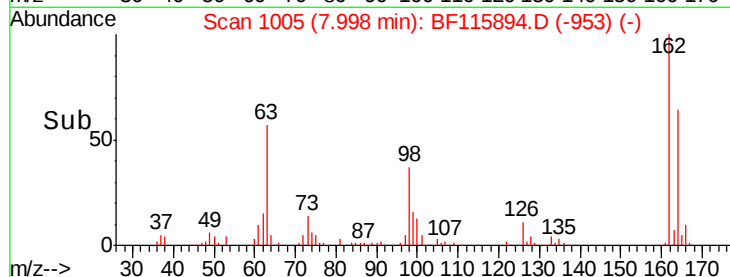
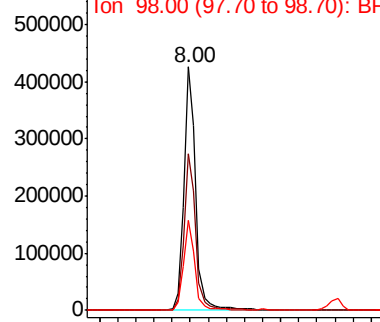
#29
2,4-Dichlorophenol
Concen: 40.299 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 392737
Ion Ratio Lower Upper
162 100
164 64.2 43.2 83.2
98 36.8 17.3 57.3

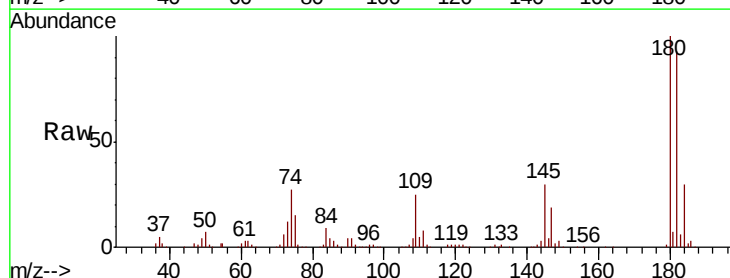


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

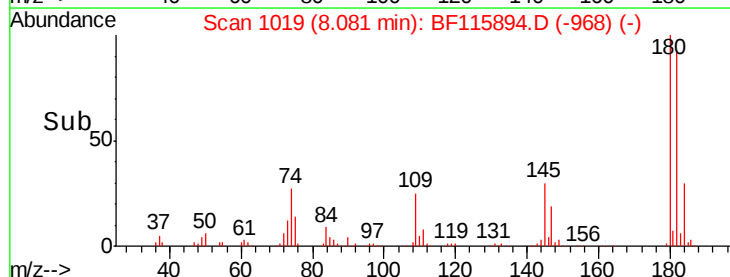
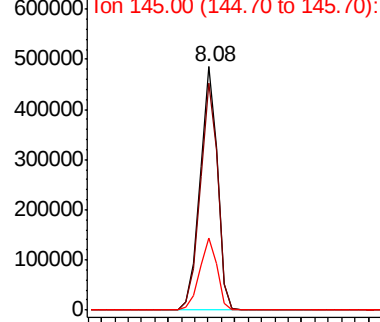


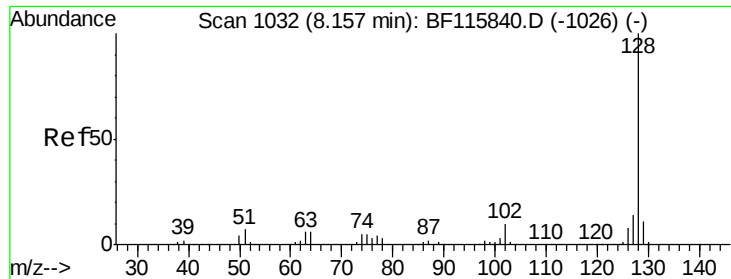
#30
1,2,4-Trichlorobenzene
Concen: 40.301 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:180 Resp: 447710
Ion Ratio Lower Upper
180 100
182 93.2 76.6 114.8
145 29.7 23.2 34.8



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

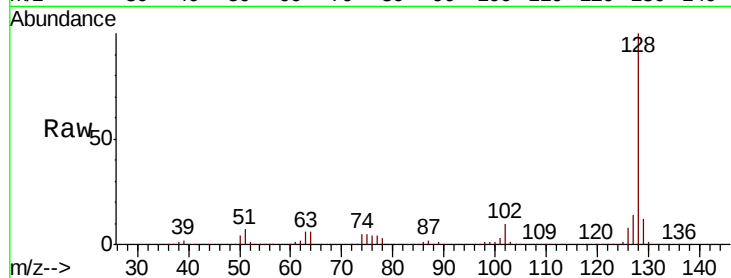




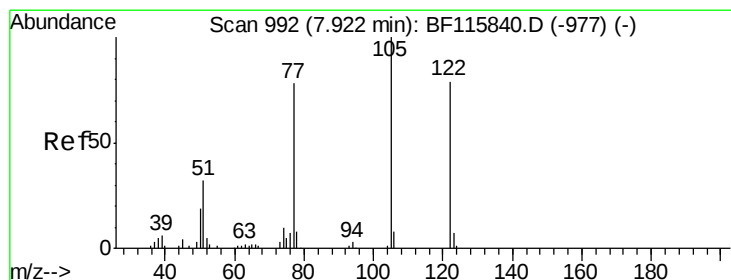
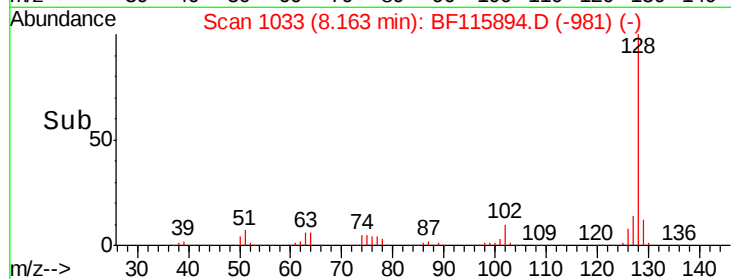
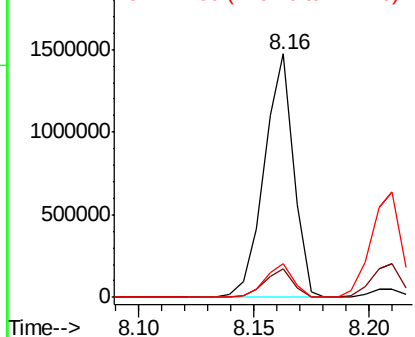
#31
Naphthalene
Concen: 39.864 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1305196
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 14.0 11.0 16.4

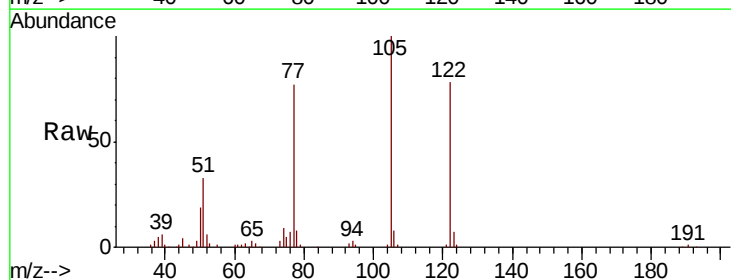


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

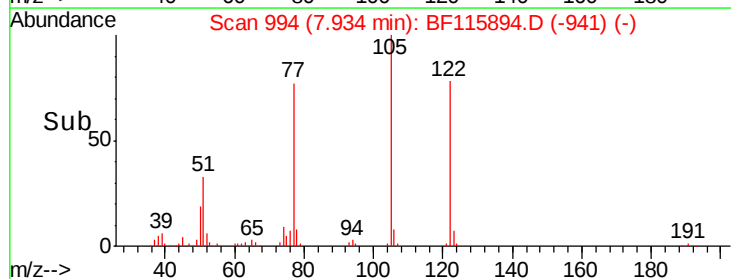
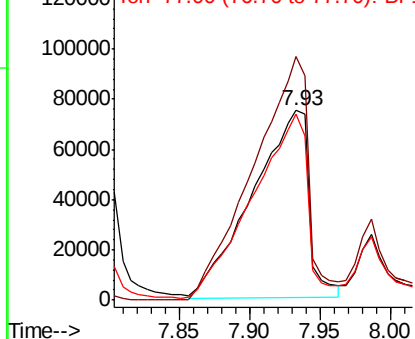


#32
Benzoic acid
Concen: 32.114 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:122 Resp: 208982
Ion Ratio Lower Upper
122 100
105 128.5 103.1 143.1
77 98.4 76.8 116.8



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

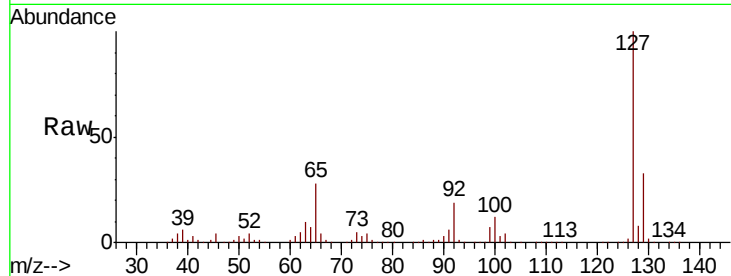




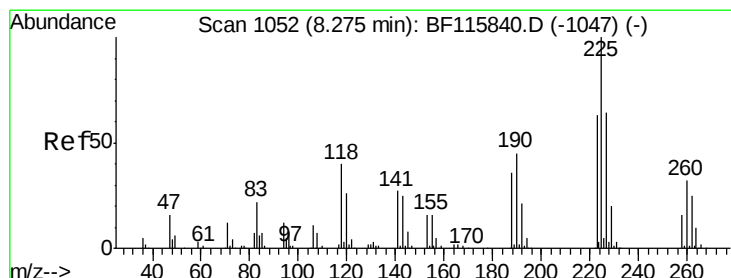
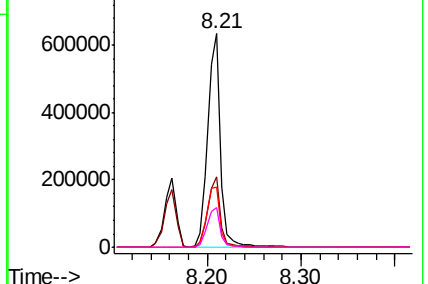
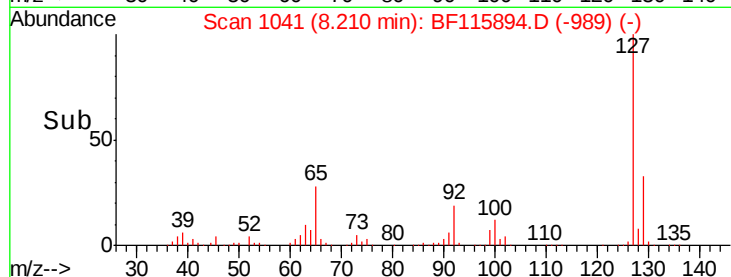
#33
4-Chloroaniline
Concen: 41.443 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	606269
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.0	39.0
65	28.3	23.9	35.9
92	18.8	14.9	22.3

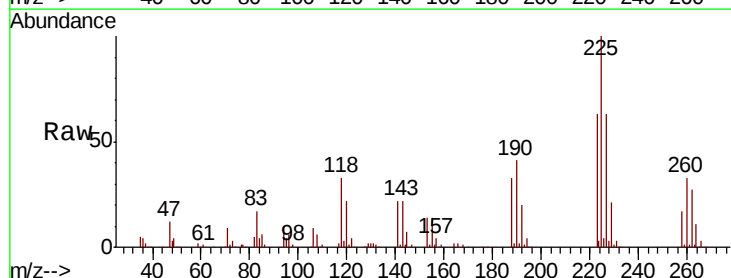


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

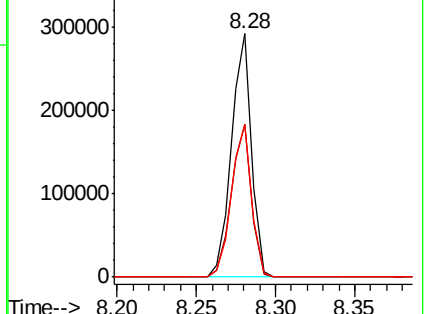
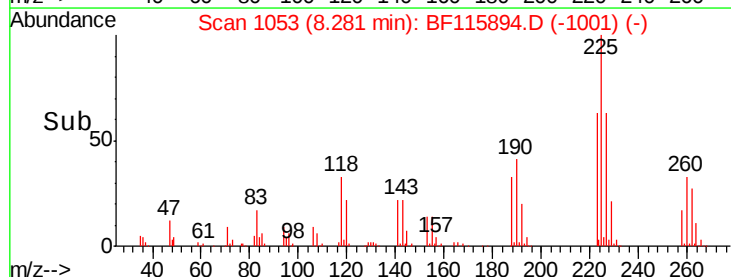


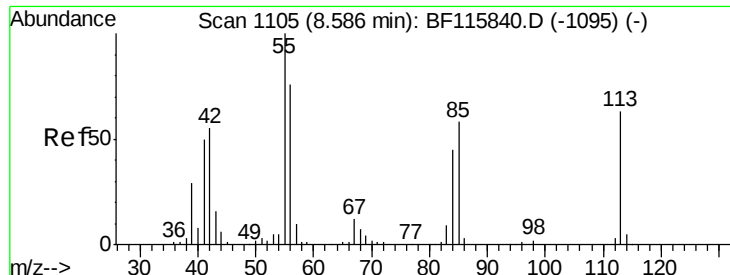
#34
Hexachlorobutadiene
Concen: 39.918 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:	225	Resp:	255428
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.4	75.6
227	62.7	51.6	77.4



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

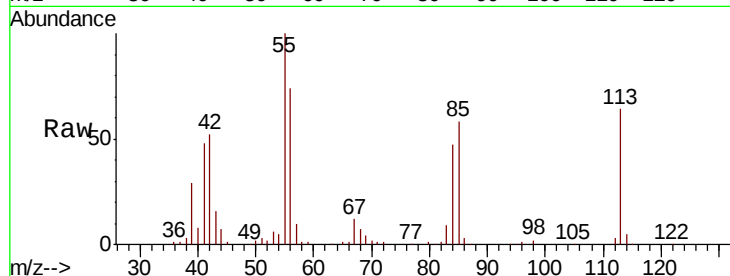




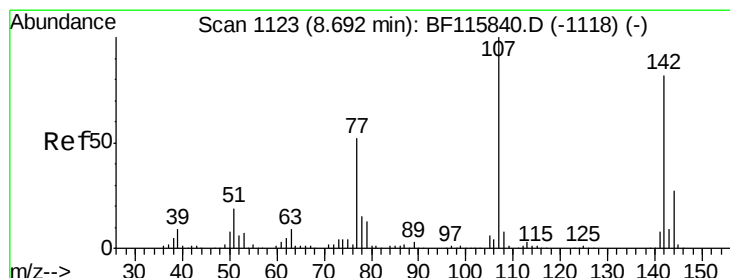
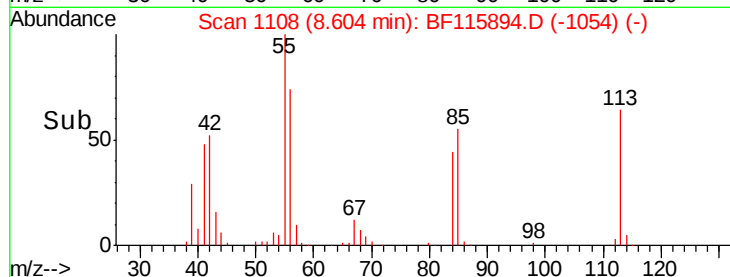
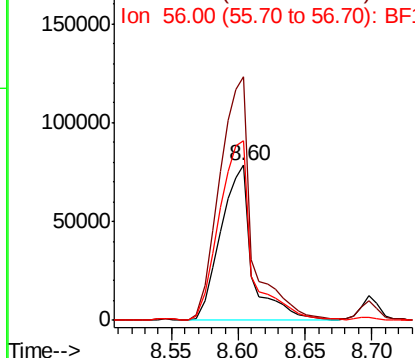
#35
Caprolactam
Concen: 41.605 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 131140
Ion Ratio Lower Upper
113 100
55 157.0 138.1 178.1
56 115.9 100.6 140.6

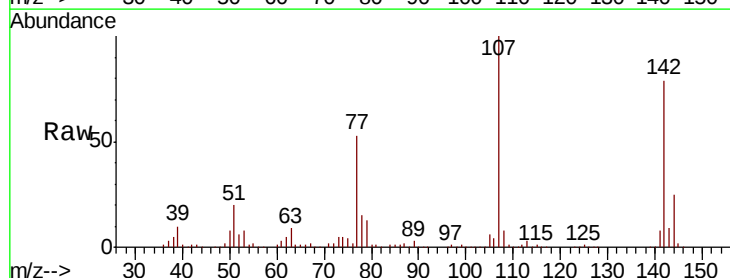


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

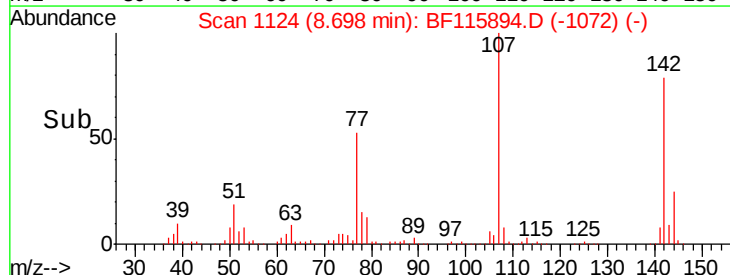
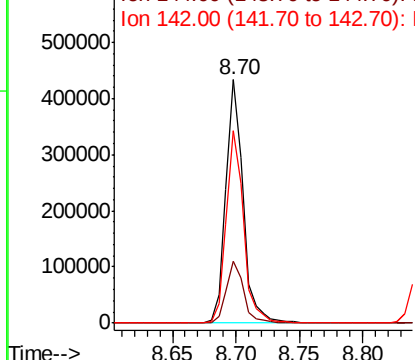


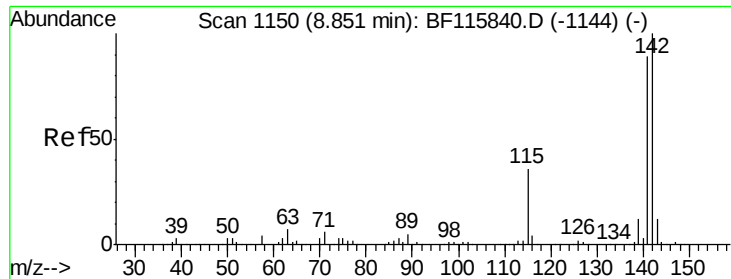
#36
4-Chloro-3-methylphenol
Concen: 40.493 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:107 Resp: 410543
Ion Ratio Lower Upper
107 100
144 25.2 21.4 32.0
142 78.8 65.5 98.3



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

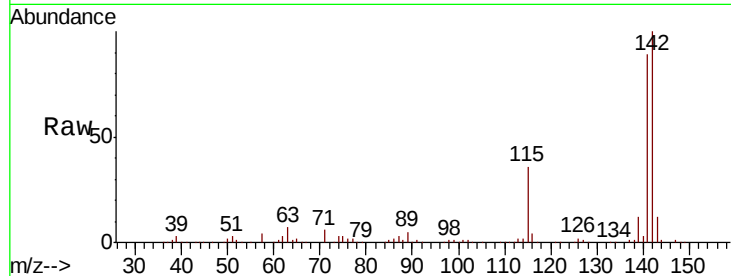




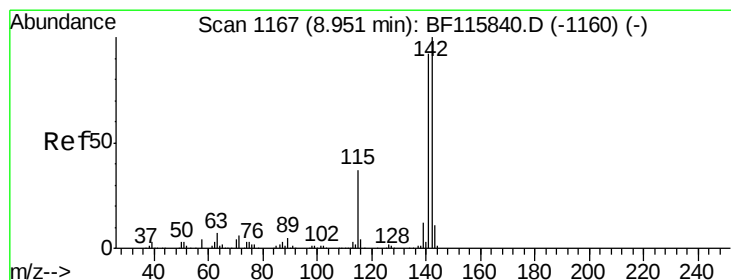
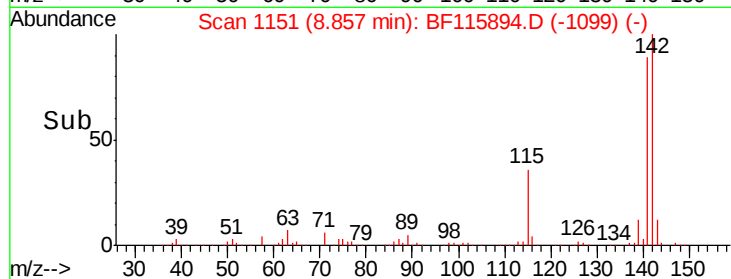
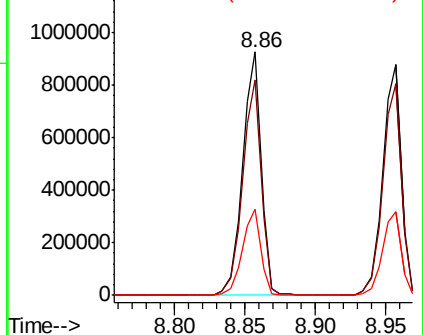
#37
2-Methylnaphthalene
Concen: 39.382 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 849183
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 35.6 28.9 43.3

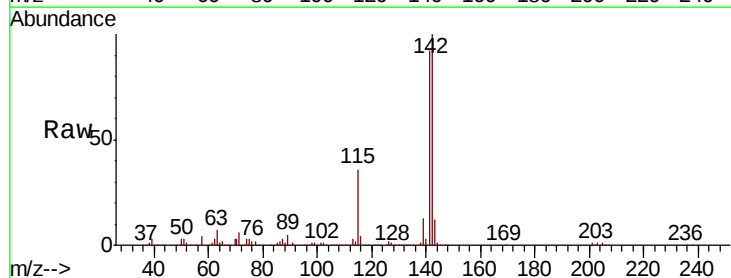


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

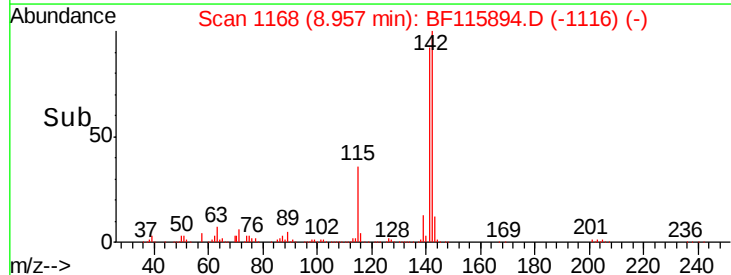
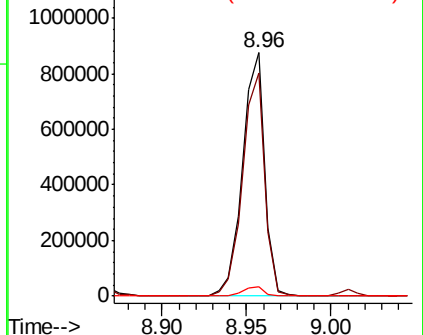


#38
1-Methylnaphthalene
Concen: 39.178 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:142 Resp: 799197
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

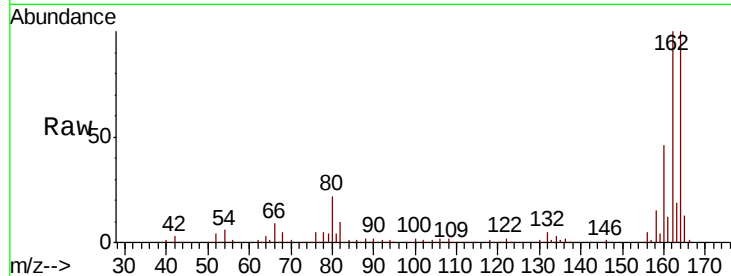




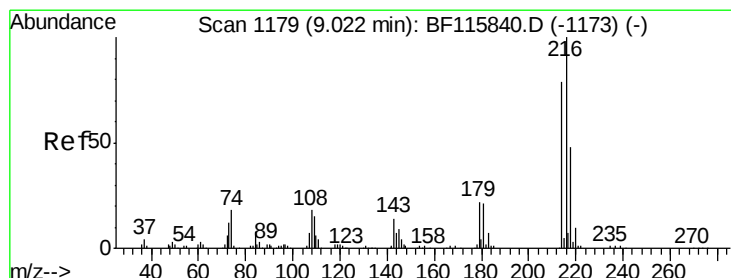
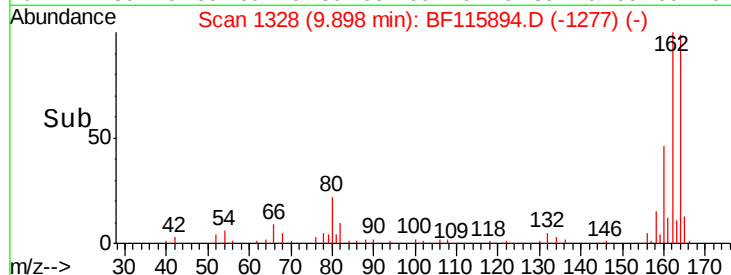
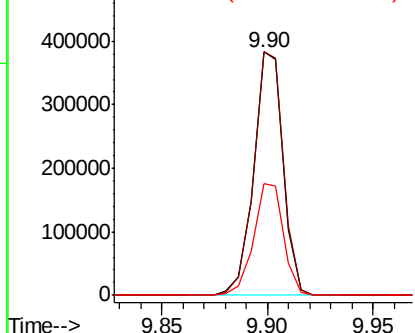
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 370579
Ion Ratio Lower Upper
164 100
162 100.1 80.8 121.2
160 46.2 36.2 54.4

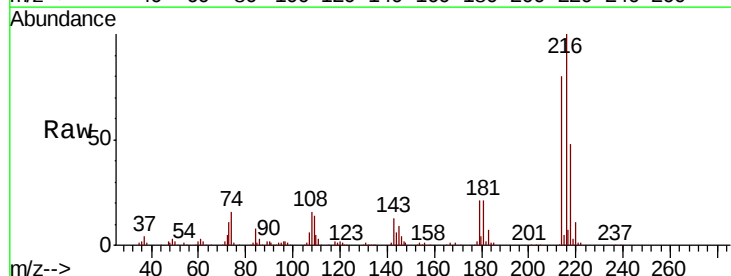


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

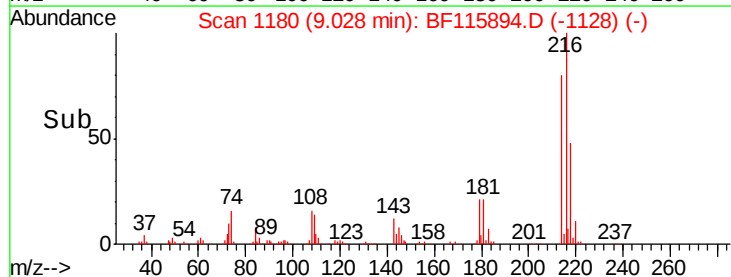
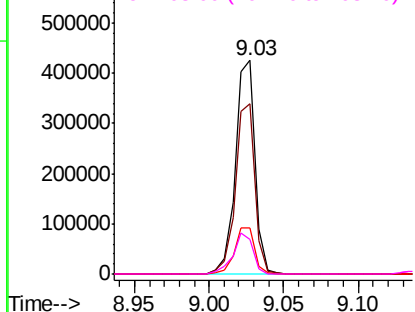


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.722 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:216 Resp: 393529
Ion Ratio Lower Upper
216 100
214 79.6 62.8 94.2
179 22.1 17.6 26.4
108 20.0 16.1 24.1



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: 32.924 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

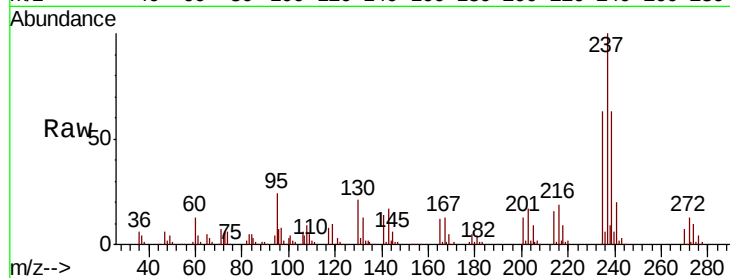
Tot Ion:237 Resp: 129693

Ion Ratio Lower Upper

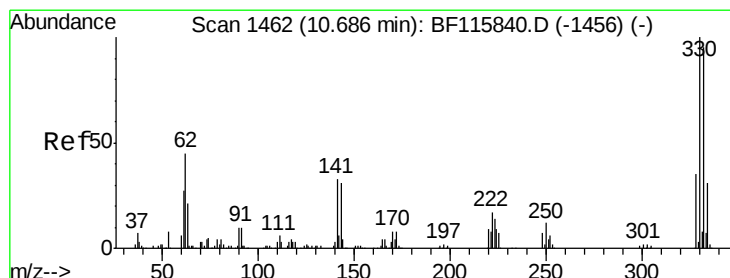
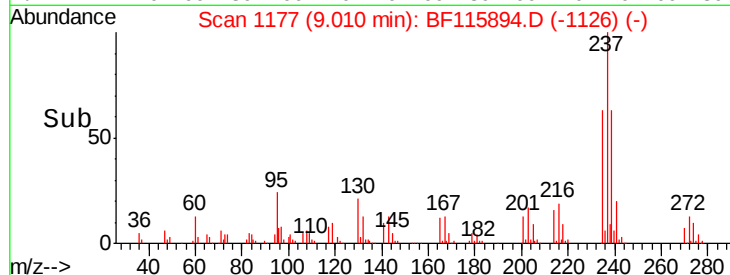
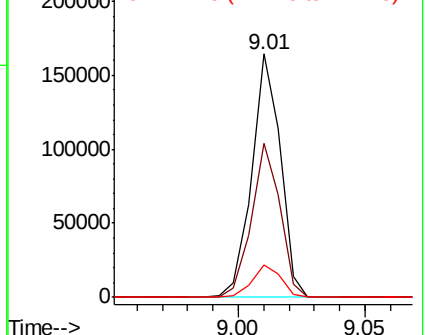
237 100

235 63.2 42.5 82.5

272 13.3 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 78.416 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

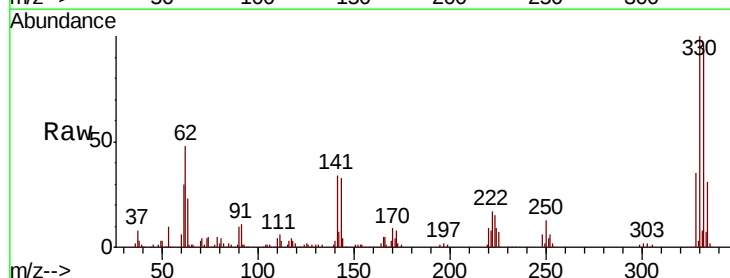
Tgt Ion:330 Resp: 281740

Ion Ratio Lower Upper

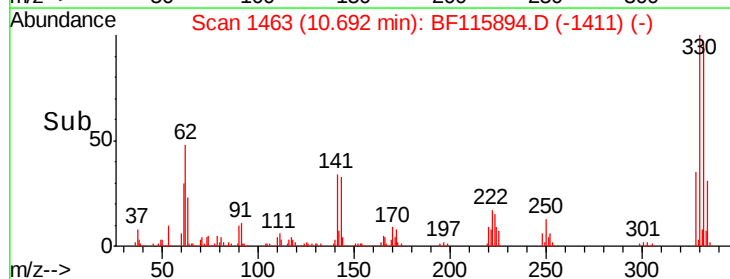
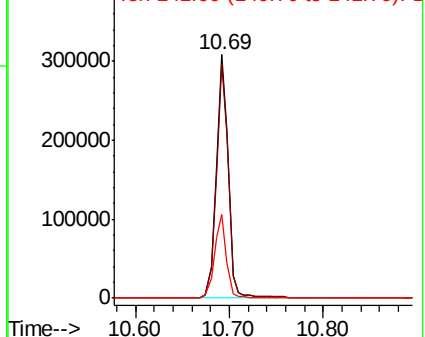
330 100

332 96.7 77.7 116.5

141 33.6 28.1 42.1



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

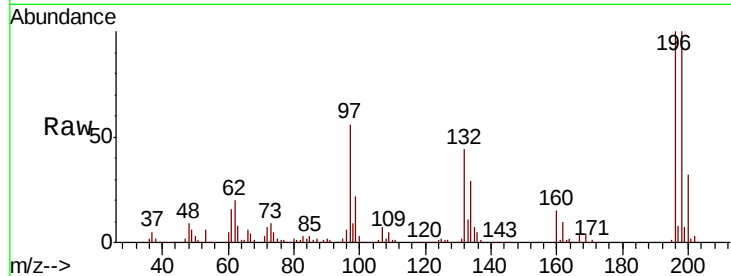




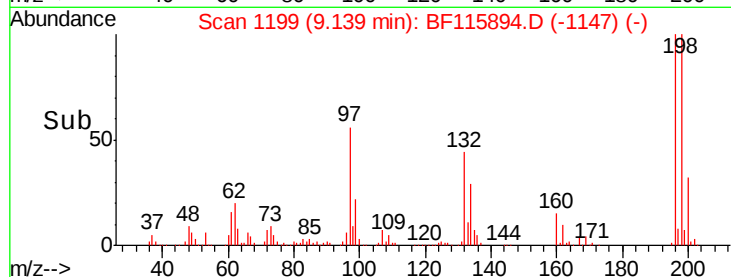
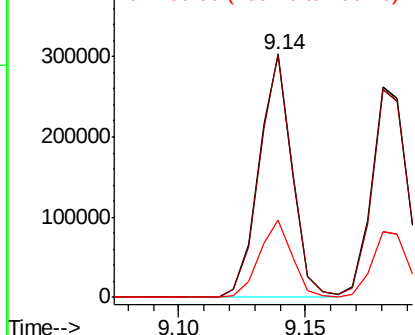
#43
 2,4,6-Trichlorophenol
 Concen: 40.266 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 274578
 Ion Ratio Lower Upper
 196 100
 198 100.3 79.1 118.7
 200 31.8 26.0 39.0

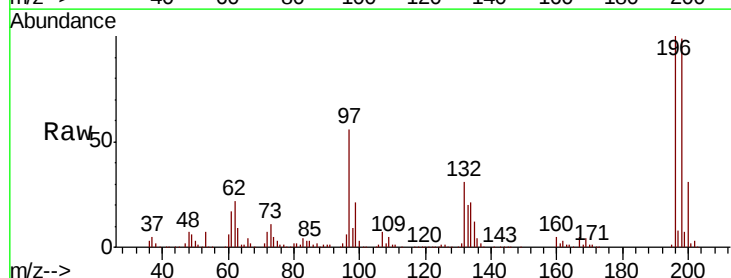


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

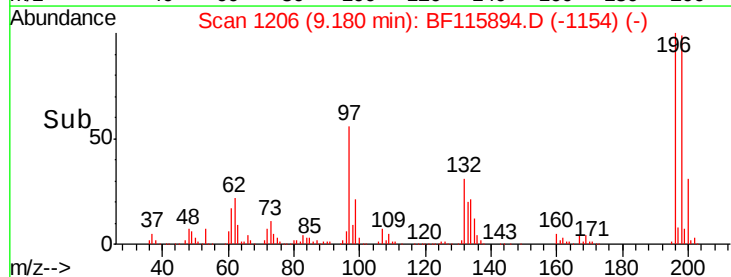
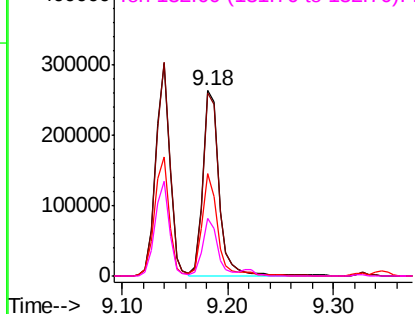


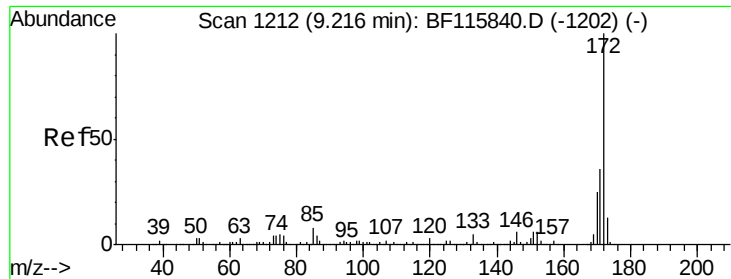
#44
 2,4,5-Trichlorophenol
 Concen: 39.372 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion:196 Resp: 277532
 Ion Ratio Lower Upper
 196 100
 198 98.6 80.1 120.1
 97 55.6 38.9 58.3
 132 30.9 22.6 33.8



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

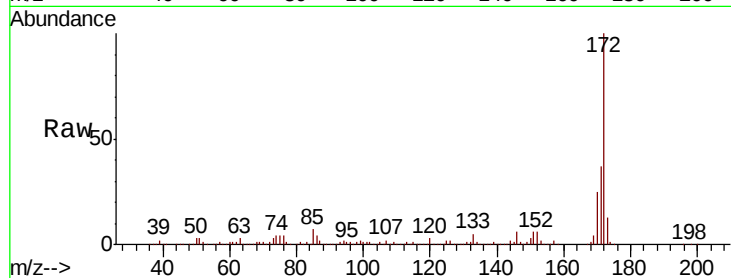




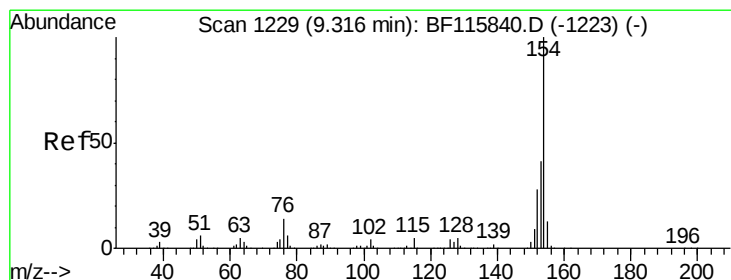
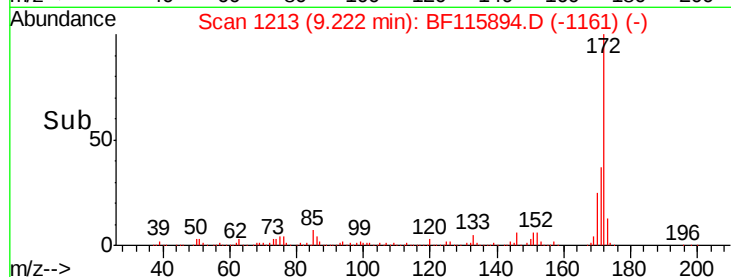
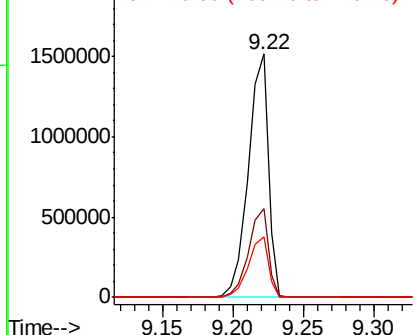
#45
2-Fluorobiphenyl
Concen: 76.434 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1512216
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 25.1 20.1 30.1

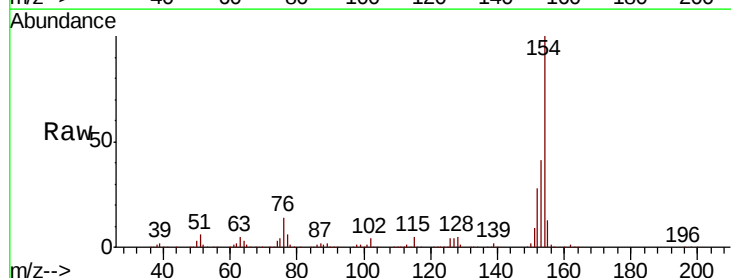


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

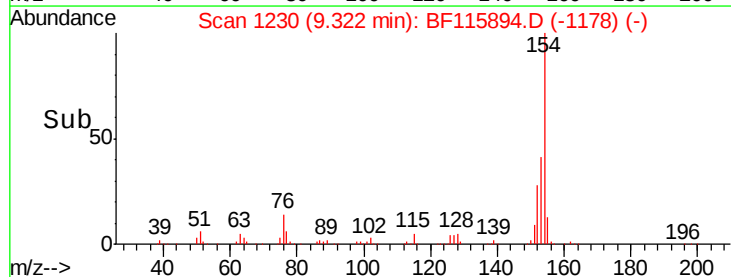
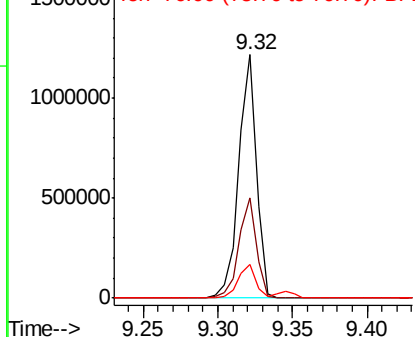


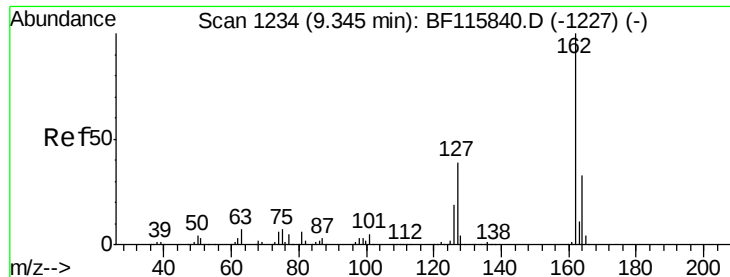
#46
1,1'-Biphenyl
Concen: 38.890 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:154 Resp: 1017466
Ion Ratio Lower Upper
154 100
153 41.2 20.9 60.9
76 13.8 0.0 34.3



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

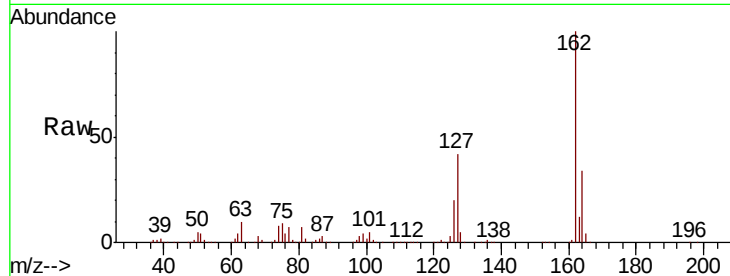




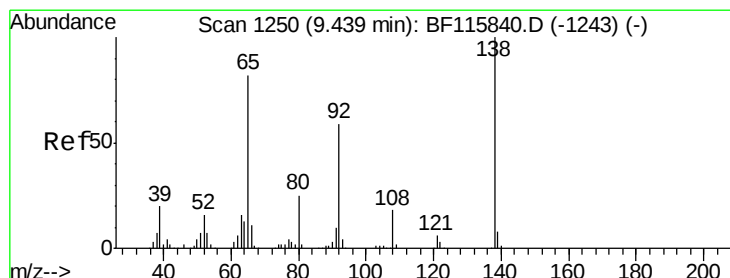
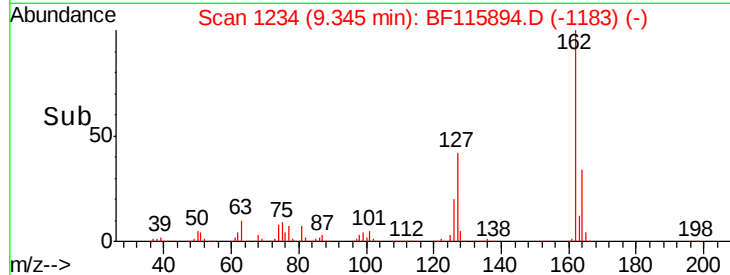
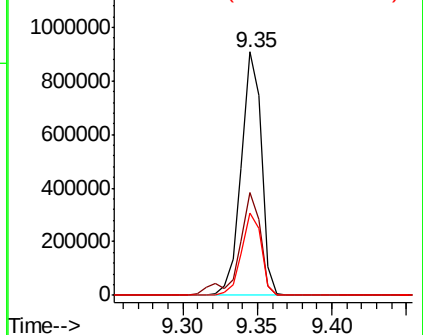
#47
 2-Chloronaphthalene
 Concen: 39.283 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	31.3	46.9
164	33.9	26.6	40.0

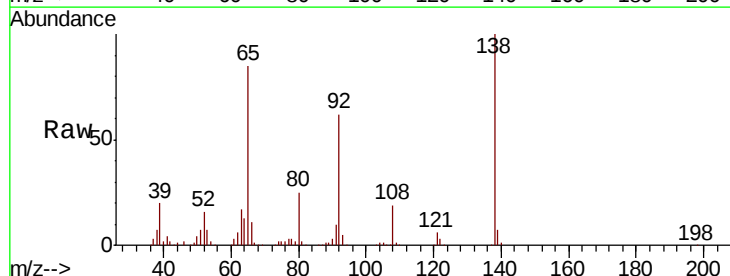


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

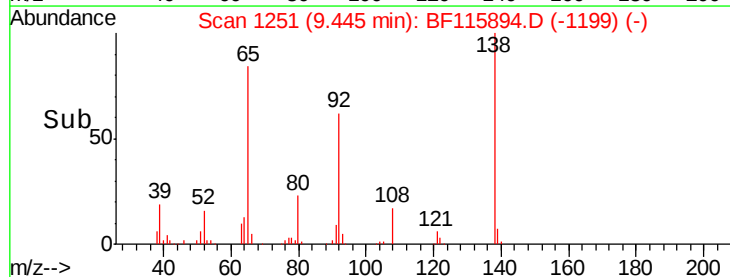
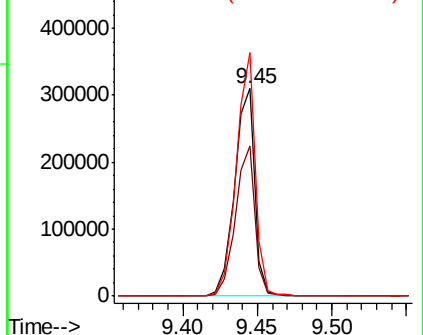


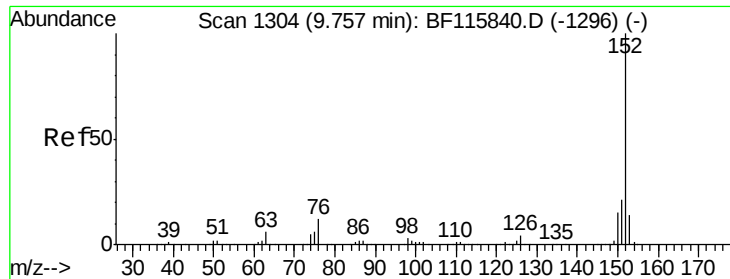
#48
 2-Nitroaniline
 Concen: 41.023 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.1	85.7
138	117.4	97.1	145.7



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





#49

Acenaphthylene

Concen: 39.433 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

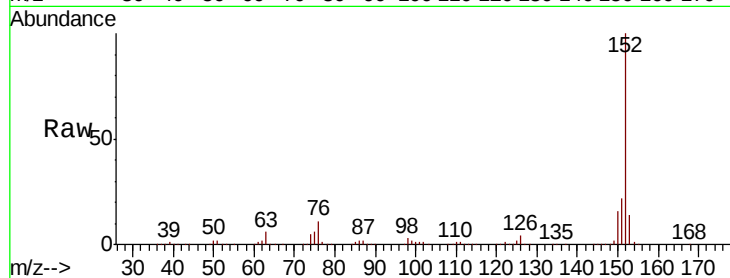
Tot Ion:152 Resp: 1252694

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

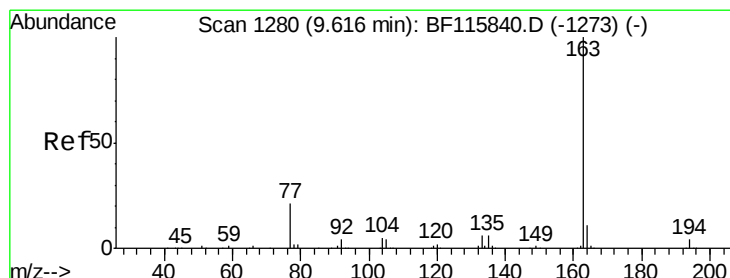
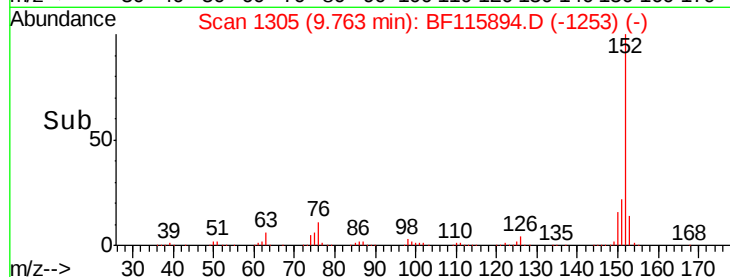
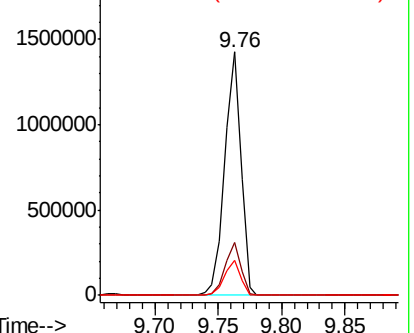
153 14.5 11.6 17.4



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: 39.443 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

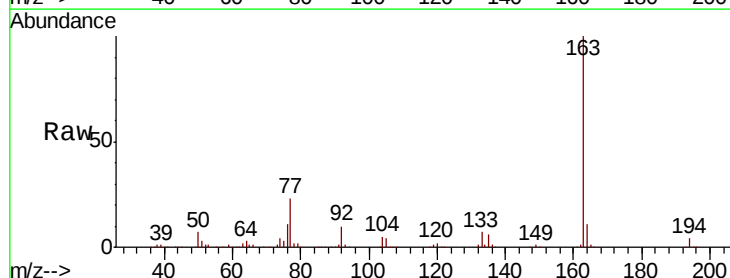
Tgt Ion:163 Resp: 995229

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

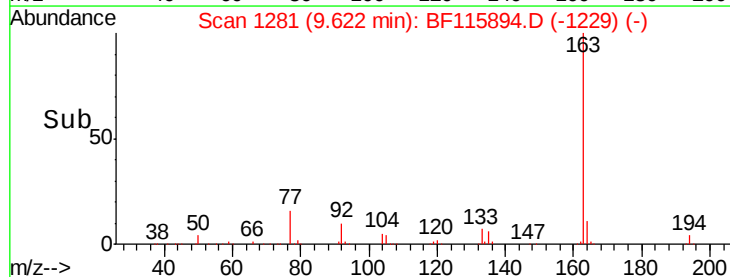
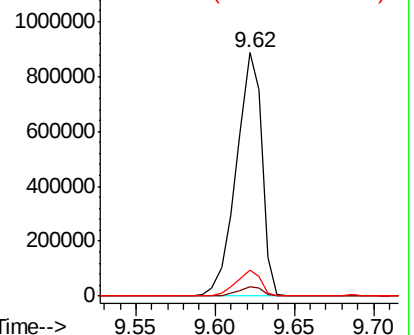
164 10.8 8.4 12.6

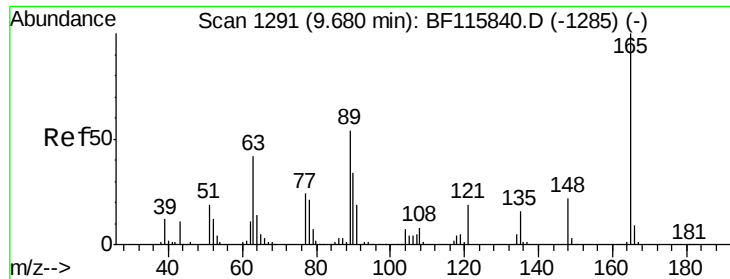


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

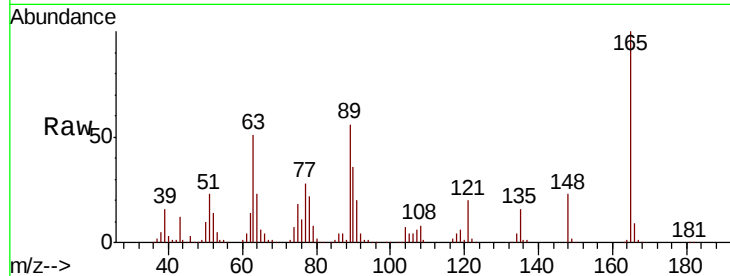




#51
2,6-Dinitrotoluene
Concen: 39.811 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.3	39.4	59.2
89	55.9	43.0	64.6

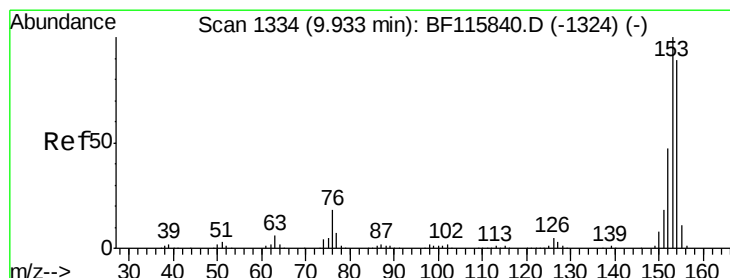
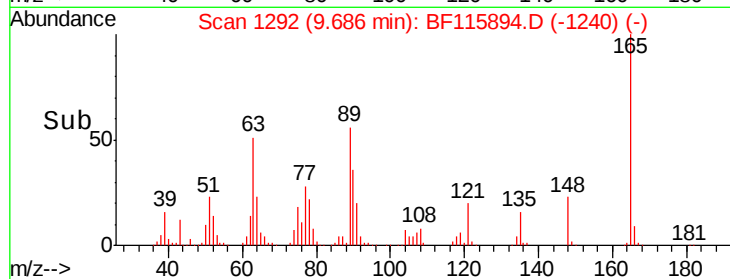
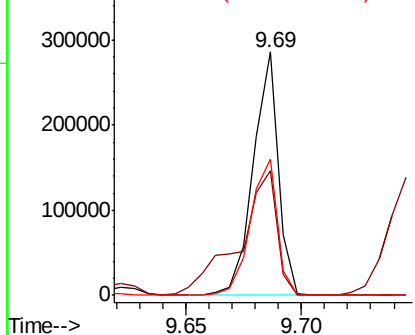


Abundance

Ion 165.00 (164.70 to 165.70): E

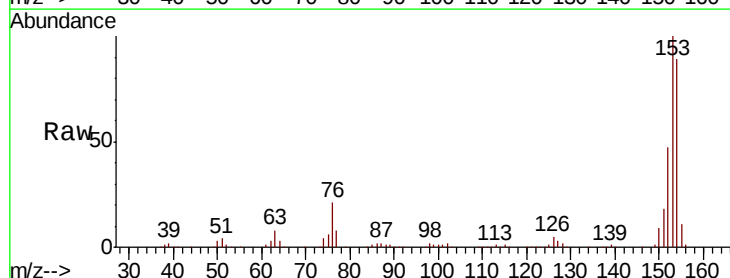
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 39.421 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.1	135.1
152	53.2	42.6	63.8

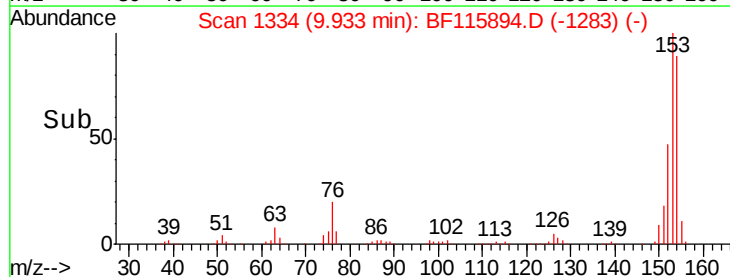
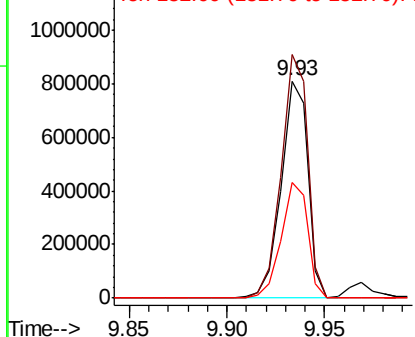


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

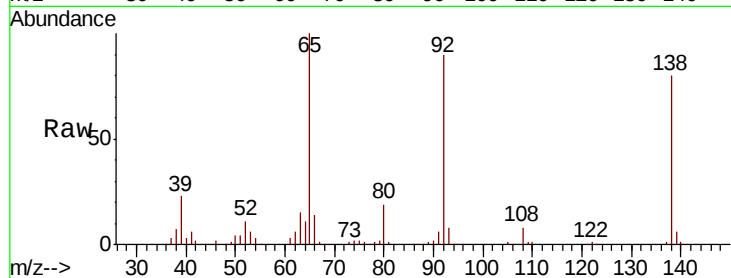




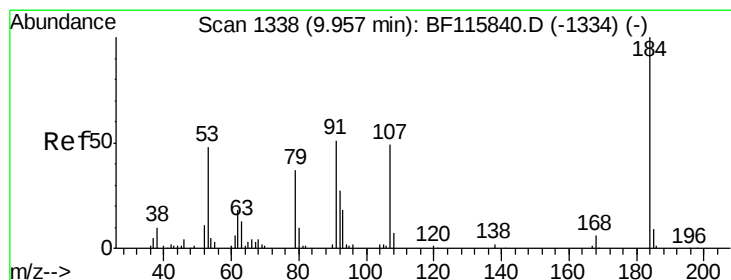
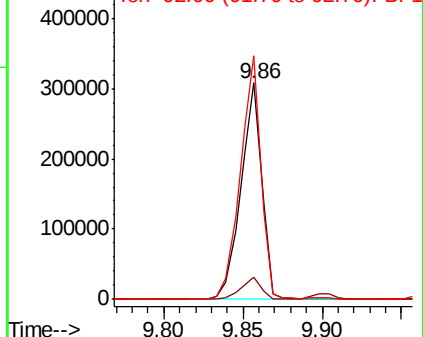
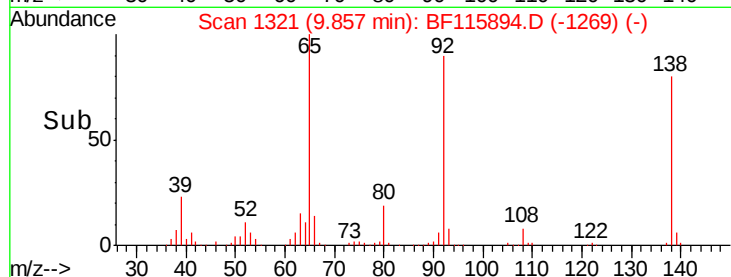
#53
3-Nitroaniline
Concen: 41.255 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 279521
Ion Ratio Lower Upper
138 100
108 10.0 7.4 11.2
92 112.4 83.9 125.9

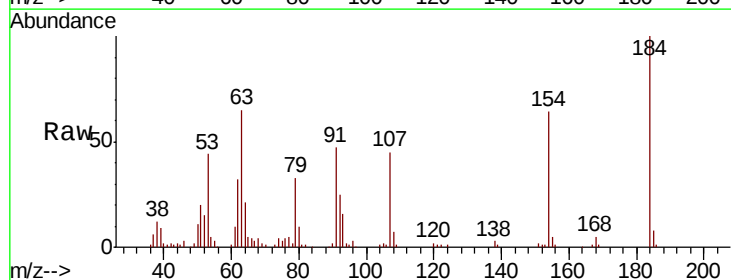


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

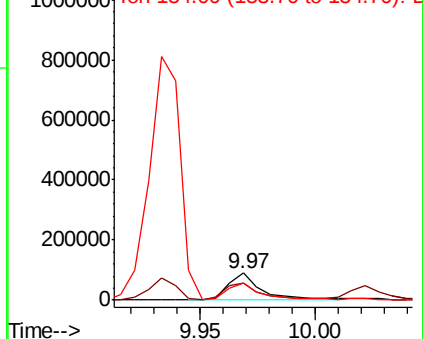
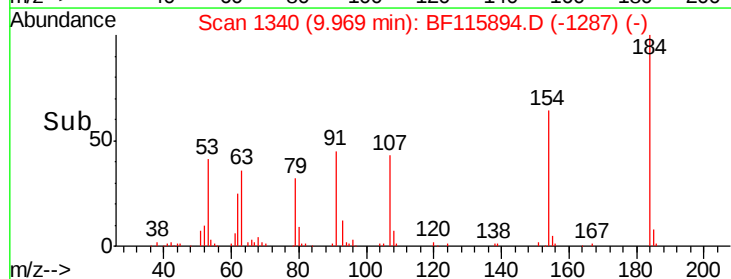


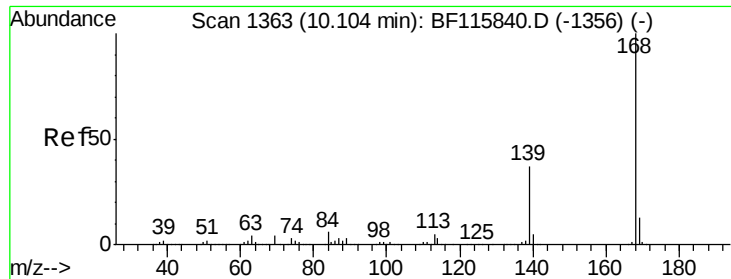
#54
2,4-Dinitrophenol
Concen: 36.721 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:184 Resp: 89349
Ion Ratio Lower Upper
184 100
63 64.7 56.7 85.1
154 64.4 51.9 77.9



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

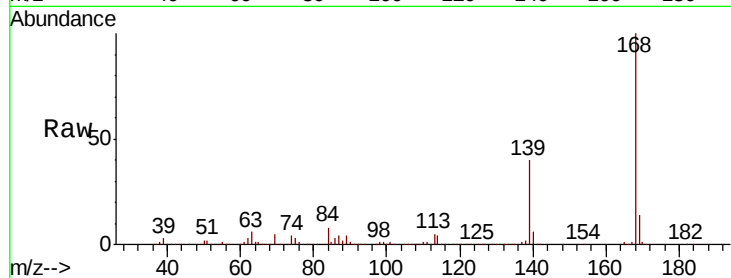




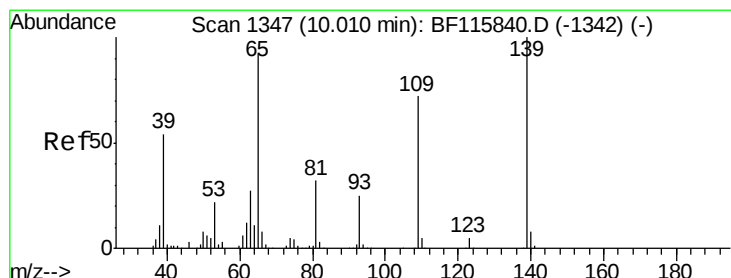
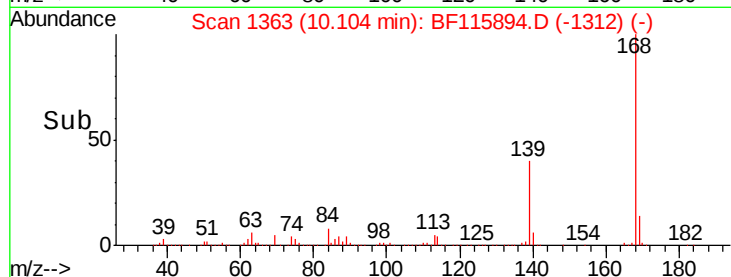
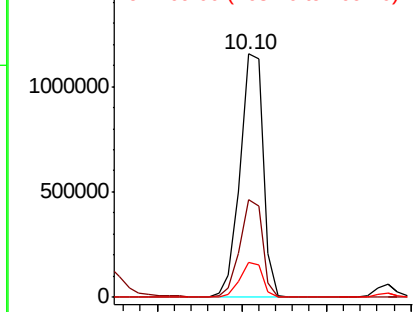
#55
Dibenzofuran
Concen: 39.026 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1106094
Ion Ratio Lower Upper
168 100
139 40.1 30.2 45.2
169 14.2 10.8 16.2

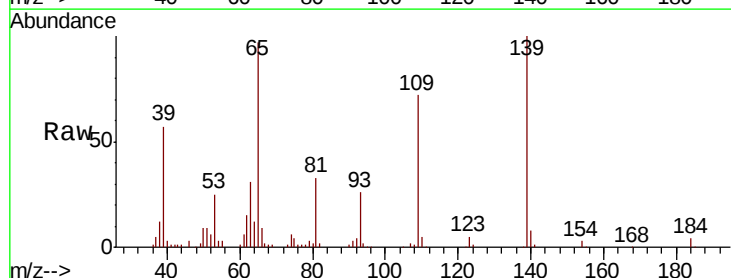


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

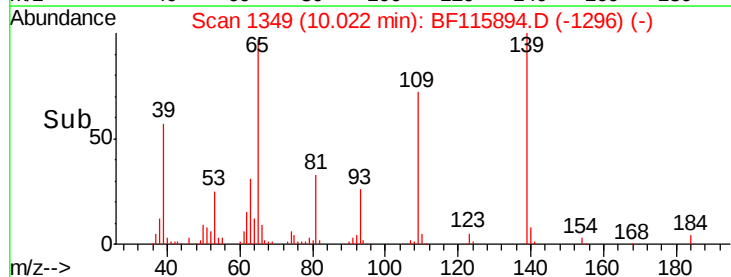
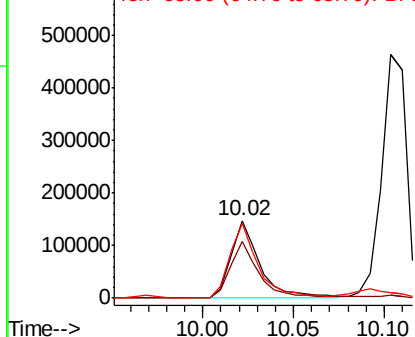


#56
4-Nitrophenol
Concen: 37.781 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:139 Resp: 163982
Ion Ratio Lower Upper
139 100
109 72.4 52.0 92.0
65 96.6 72.6 112.6



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

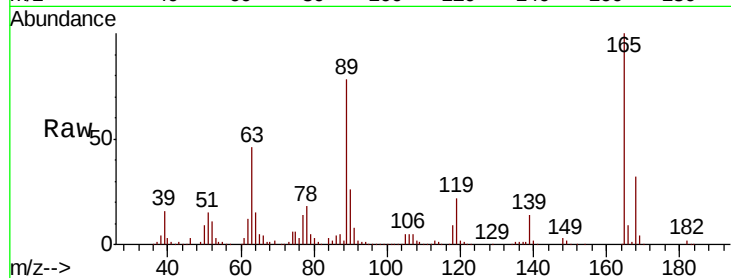




#57
2,4-Dinitrotoluene
Concen: 40.082 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.2	49.8
89	77.6	57.3	85.9
182	2.4	2.1	3.1



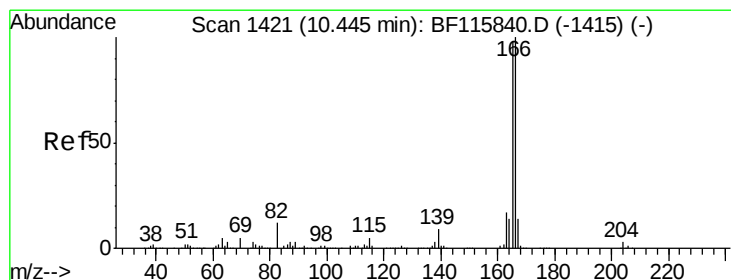
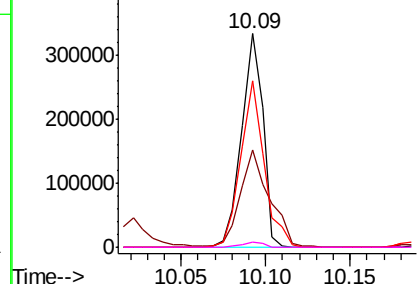
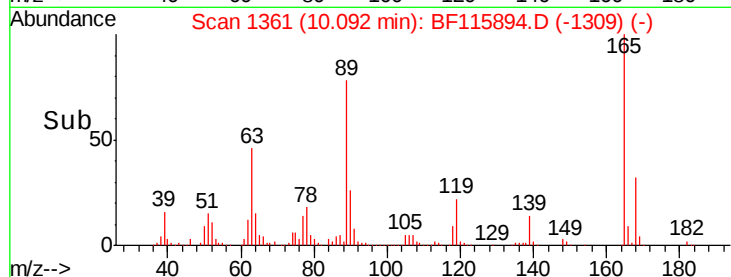
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

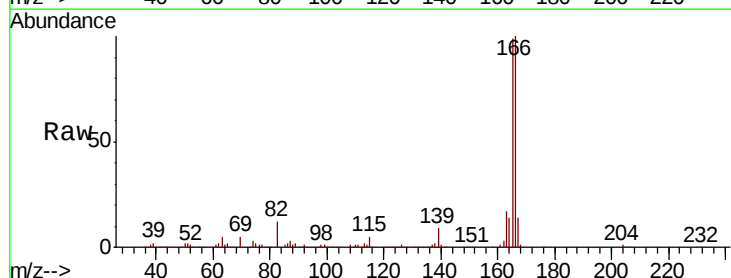
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.548 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	118.0
167	13.6	10.9	16.3

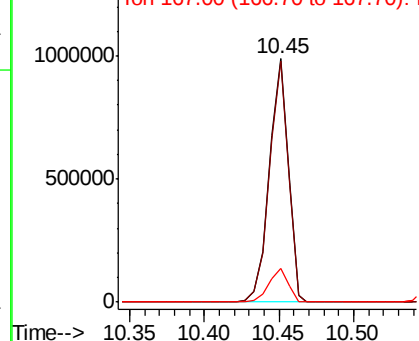
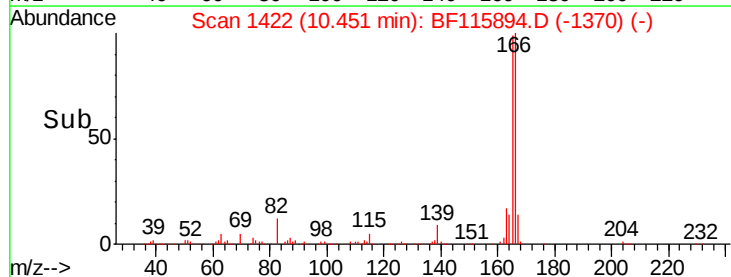


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

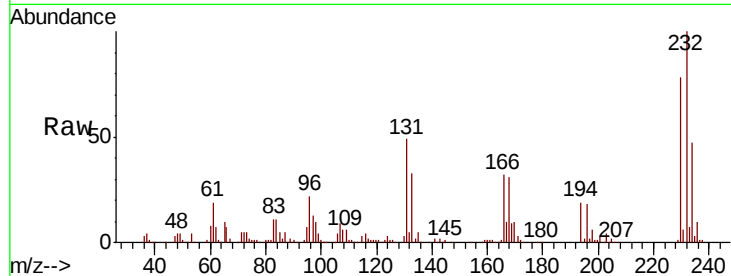




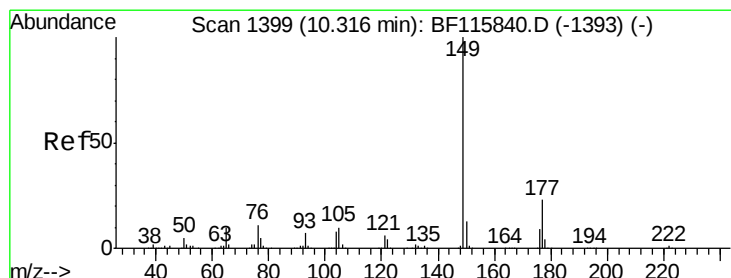
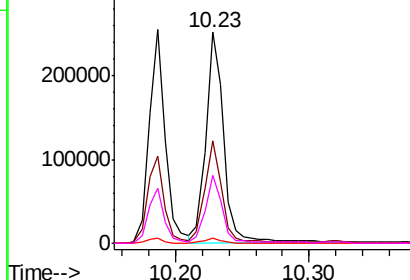
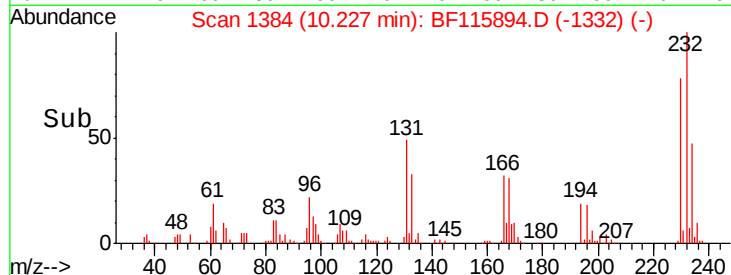
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.118 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	231984
Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.6	56.4
130	2.3	1.8	2.8
166	30.3	24.6	37.0

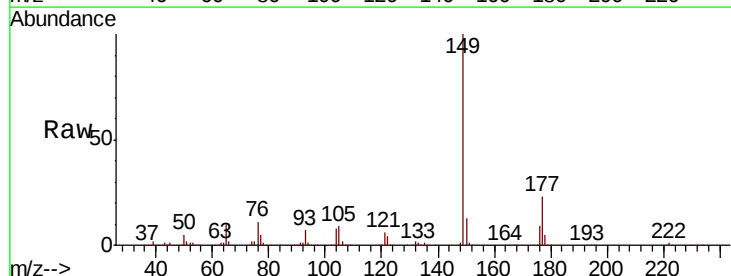


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

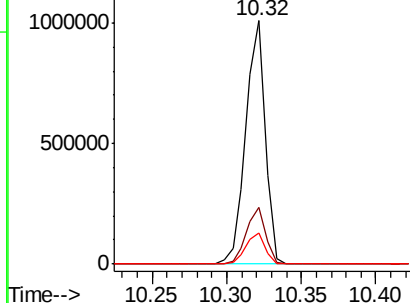
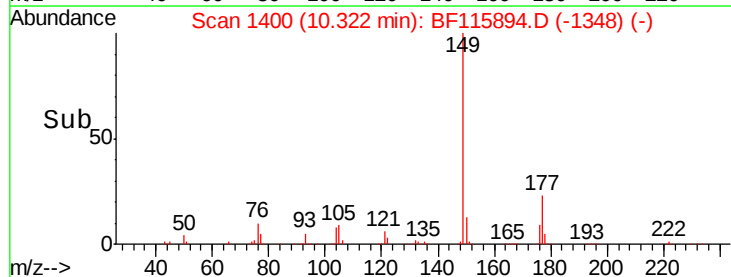


#60
 Diethylphthalate
 Concen: 38.662 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion:	149	Resp:	910787
Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	12.7	10.1	15.1



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

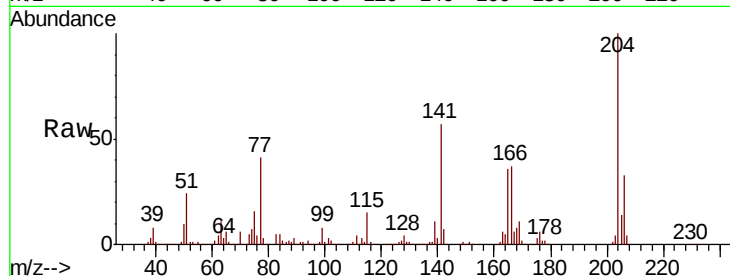




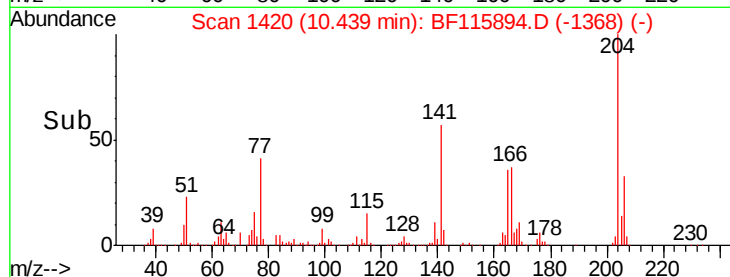
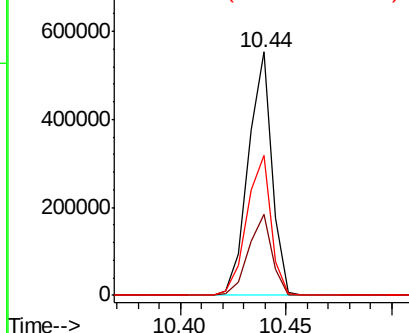
#61
4-Chlorophenyl-phenylether
Concen: 39.007 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 430781
Ion Ratio Lower Upper
204 100
206 33.4 26.4 39.6
141 57.5 47.0 70.4

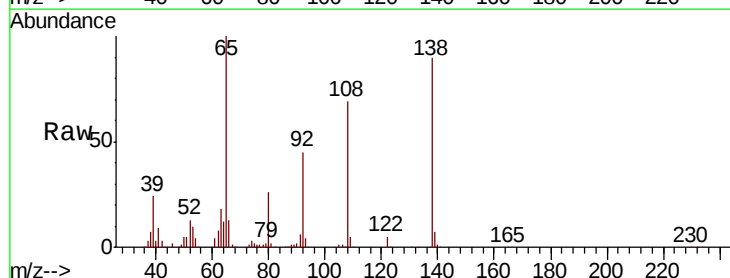


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

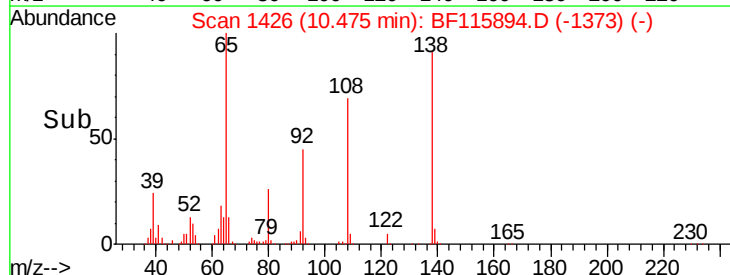
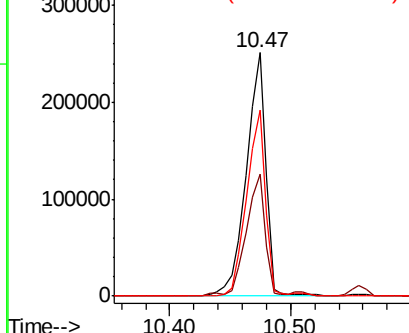


#62
4-Nitroaniline
Concen: 40.907 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:138 Resp: 286435
Ion Ratio Lower Upper
138 100
92 50.1 31.0 71.0
108 76.2 56.7 96.7



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: 39.290 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 952007

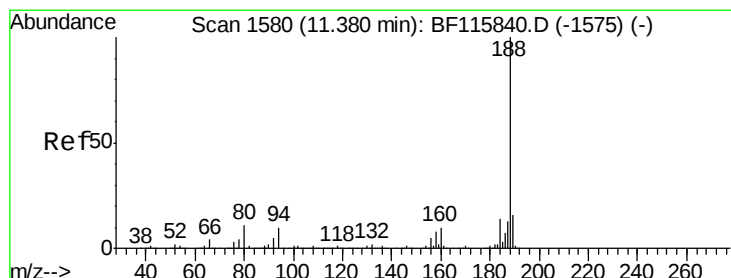
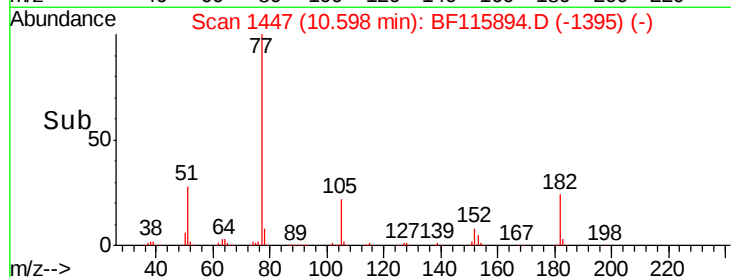
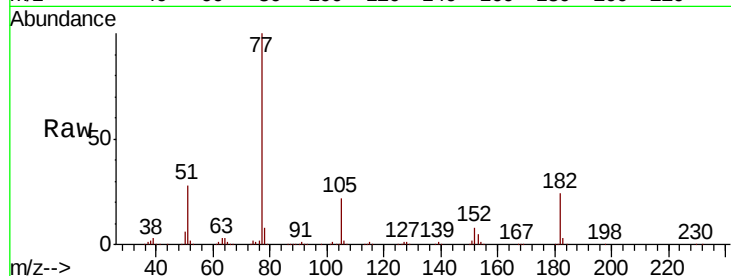
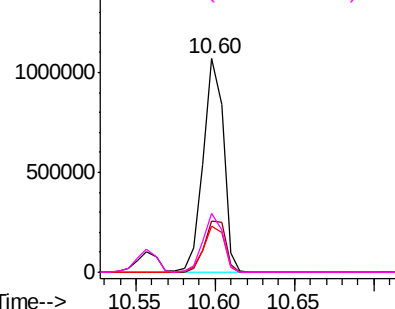
Ion	Ratio	Lower	Upper
77	100		
182	23.7	2.6	42.6
105	21.8	1.6	41.6
51	27.7	7.4	47.4

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

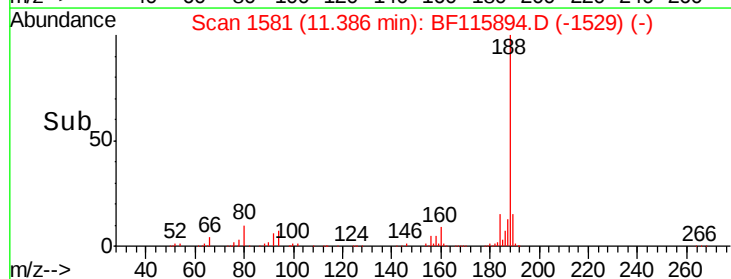
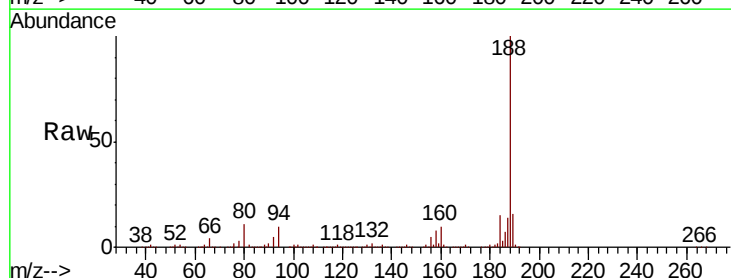
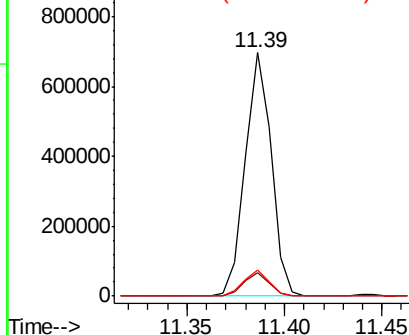
Tgt Ion: 188 Resp: 647215

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	10.7	8.6	12.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

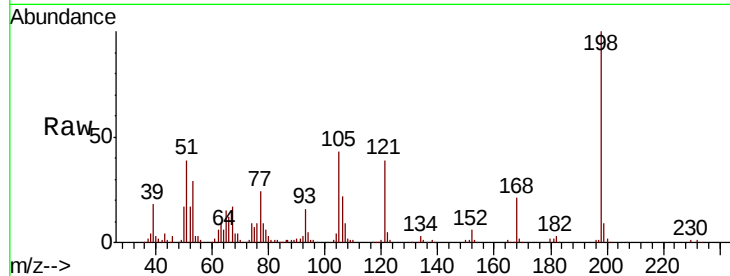




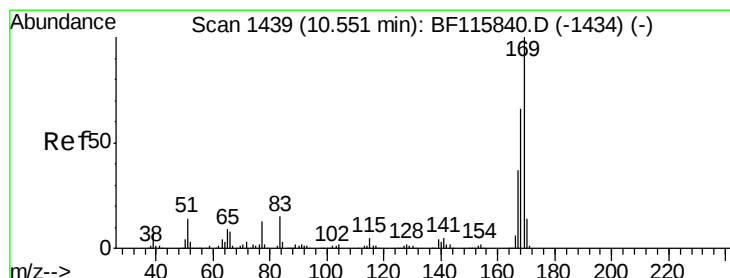
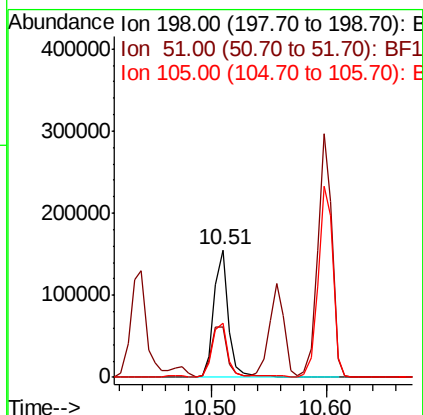
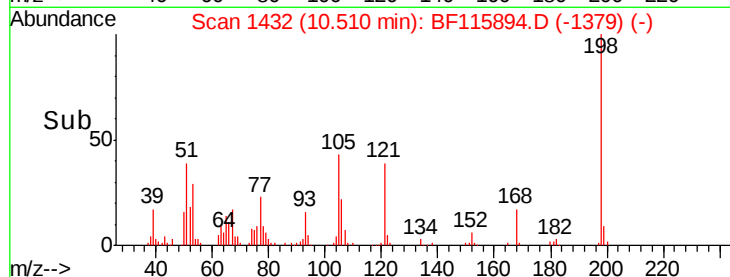
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.660 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 136026
 Ion Ratio Lower Upper
 198 100
 51 39.2 21.1 61.1
 105 42.8 24.5 64.5

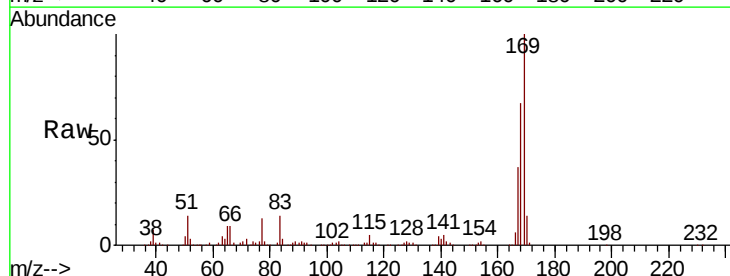


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

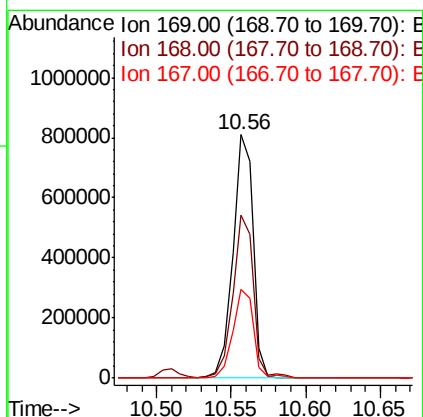
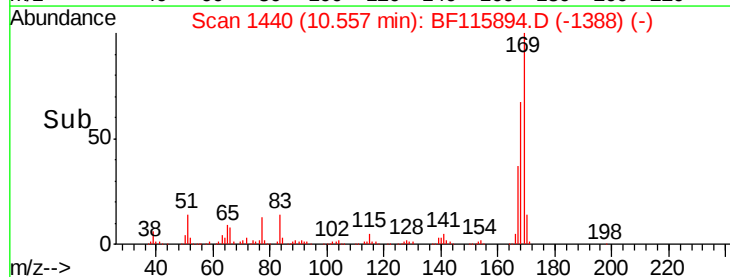


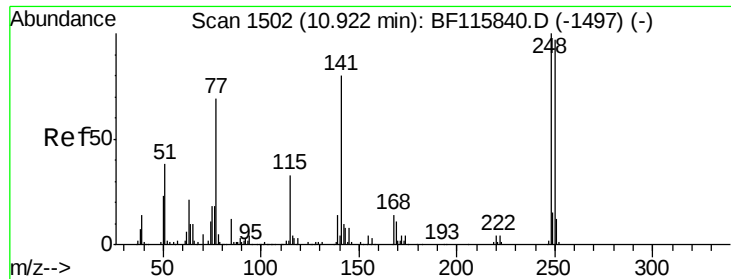
#66
 n-Nitrosodiphenylamine
 Concen: 39.699 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion:169 Resp: 773364
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.0 79.6
 167 36.7 29.9 44.9



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

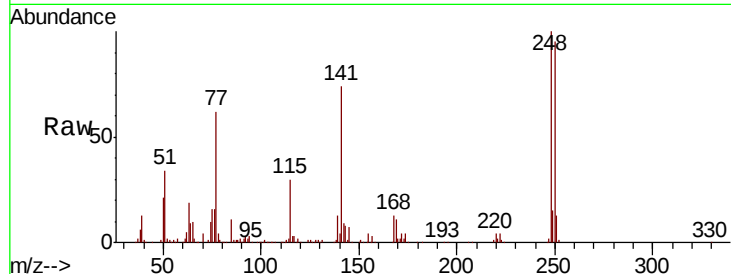




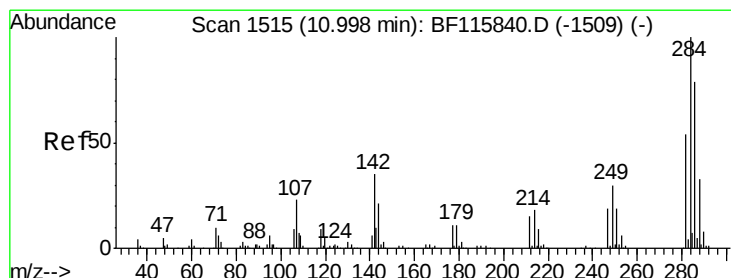
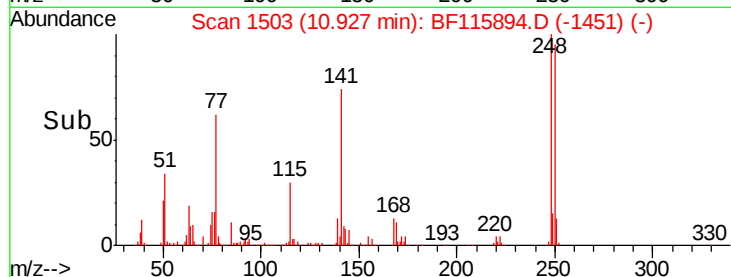
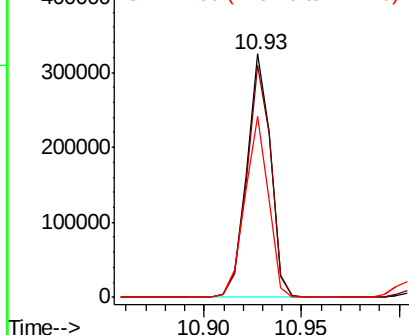
#67
4-Bromophenyl-phenylether
Concen: 39.557 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 274066
Ion Ratio Lower Upper
248 100
250 95.3 77.8 116.6
141 74.1 64.3 96.5

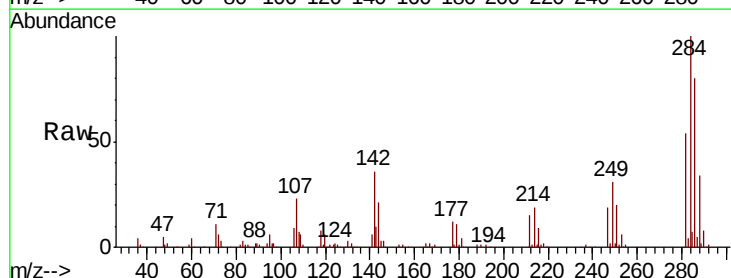


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

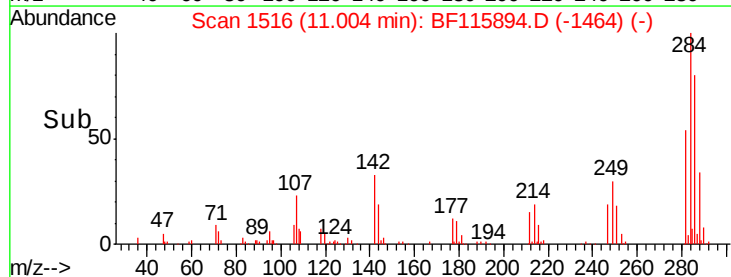
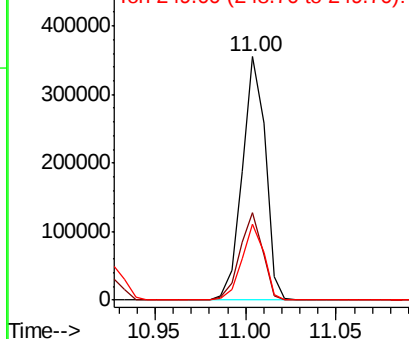


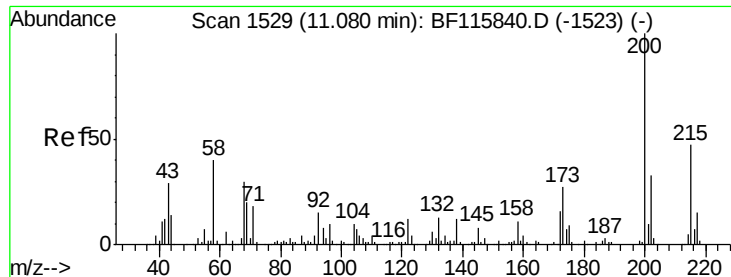
#68
Hexachlorobenzene
Concen: 39.235 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:284 Resp: 314335
Ion Ratio Lower Upper
284 100
142 35.8 28.2 42.2
249 30.9 24.0 36.0



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

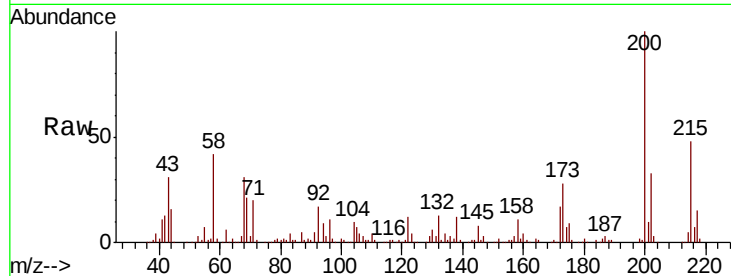




#69
 Atrazine
 Concen: 38.875 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.3	47.3
215	47.9	26.9	66.9

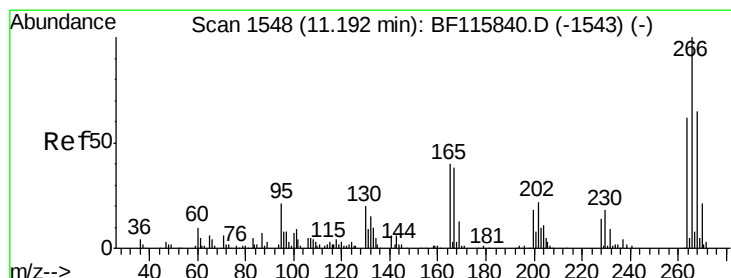
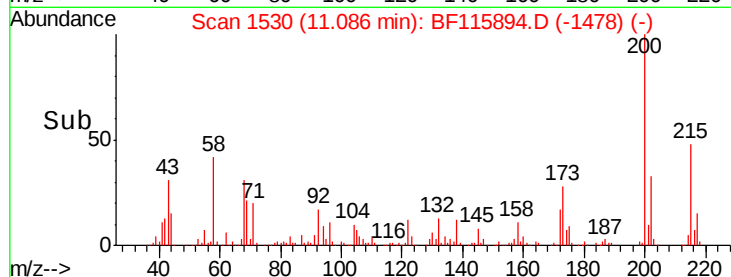
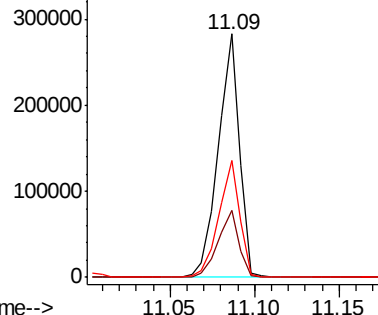


Abundance

Ion 200.00 (199.70 to 200.70): E

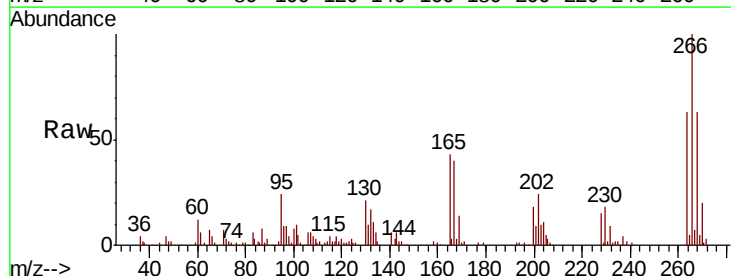
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 37.464 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.6	77.4
264	63.2	49.4	74.0

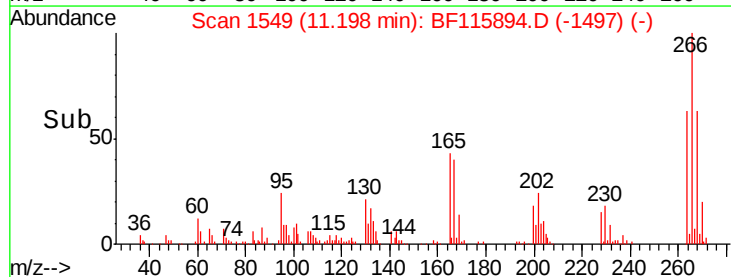
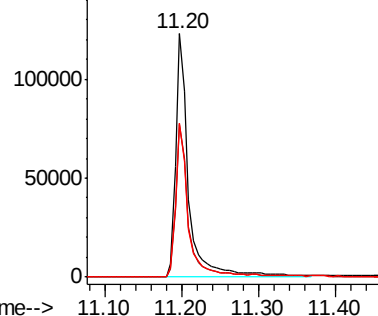


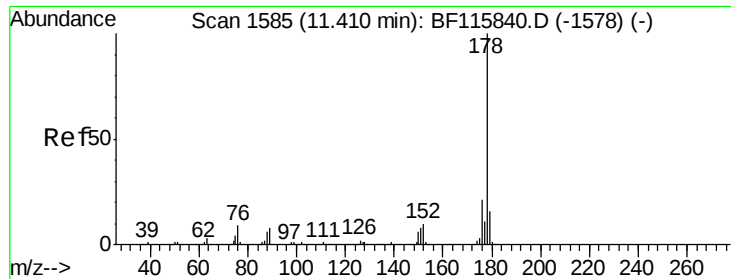
Abundance

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

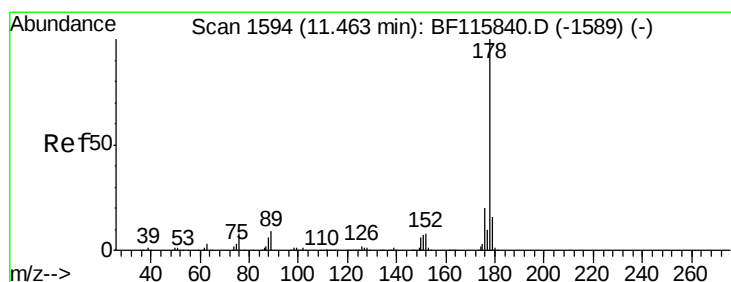
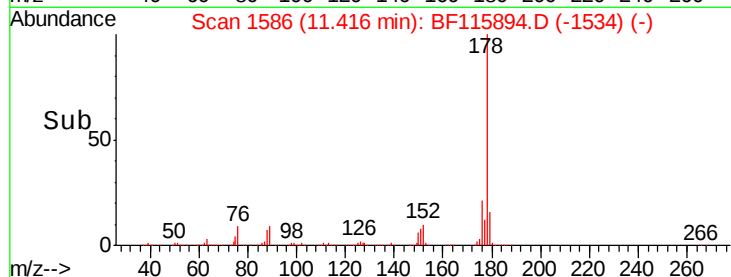
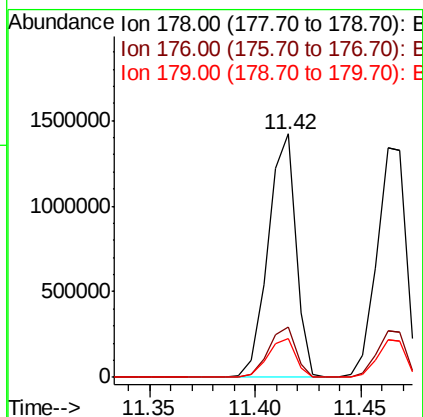
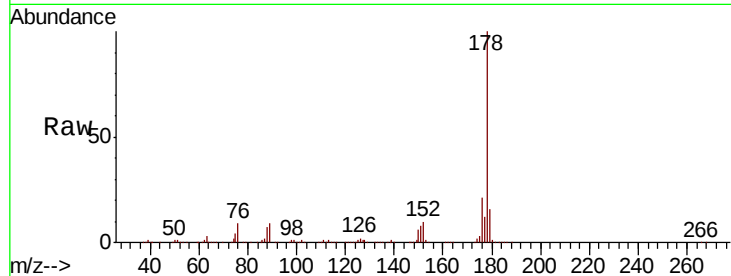




#71
Phenanthrene
Concen: 39.497 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

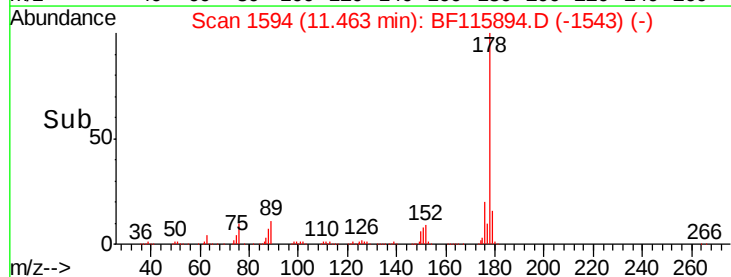
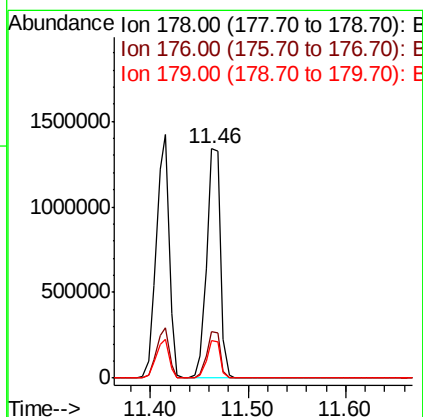
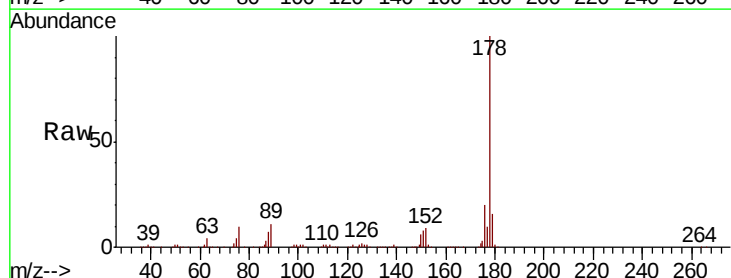
Instrument :
BNA_F
ClientSampleId :

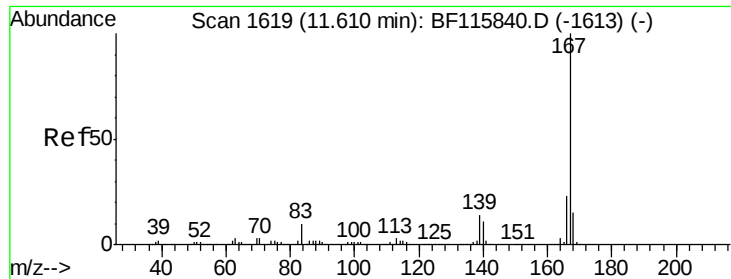
Tot Ion:178 Resp: 1306842
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 15.8 12.6 18.8



#72
Anthracene
Concen: 39.029 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:178 Resp: 1306920
Ion Ratio Lower Upper
178 100
176 20.3 15.7 23.5
179 16.3 12.4 18.6

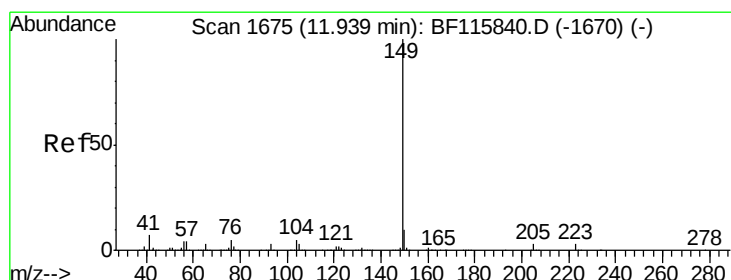
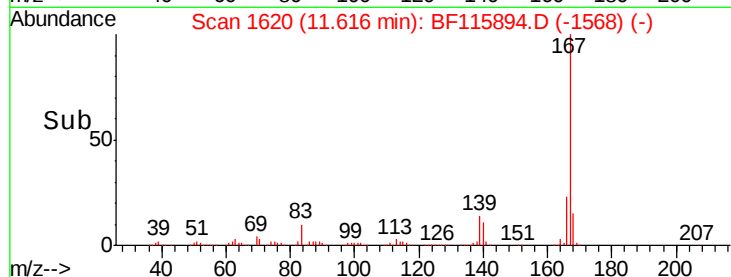
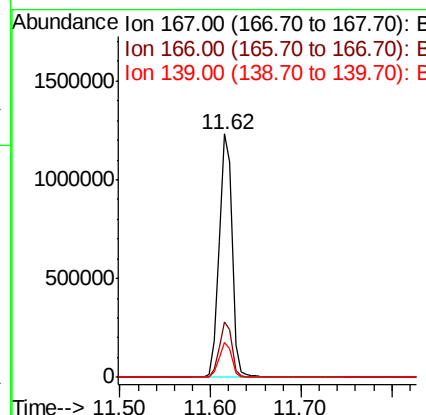
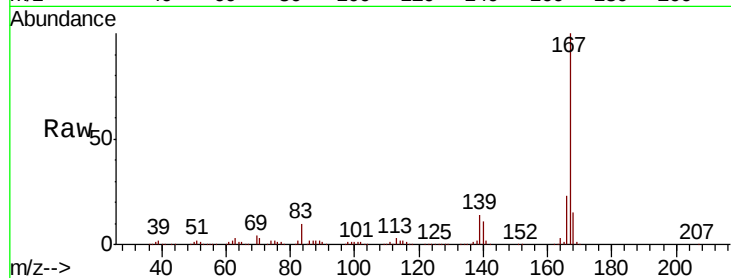




#73
 Carbazole
 Concen: 40.189 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

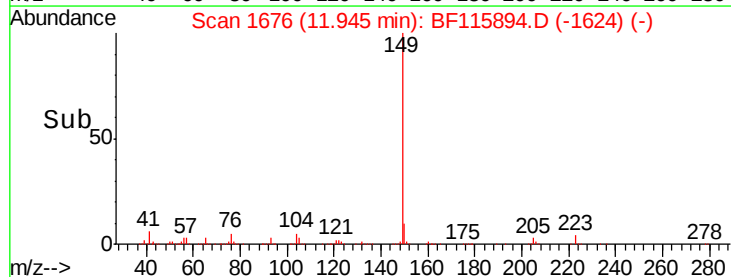
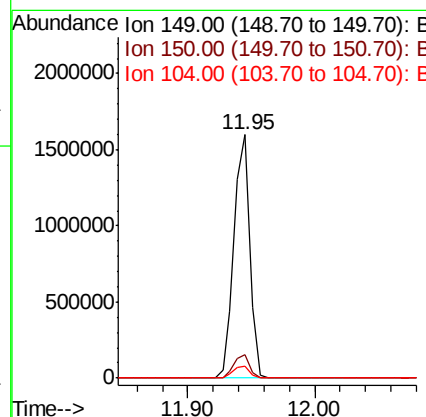
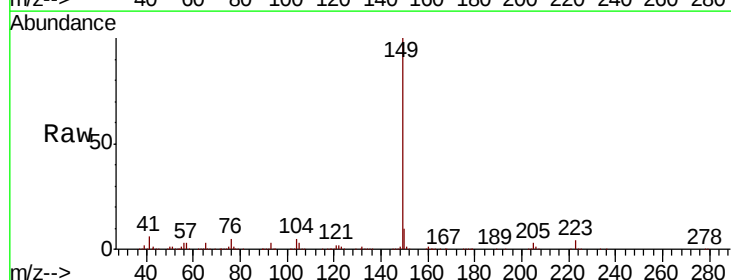
Instrument :
 BNA_F
 ClientSampleId :

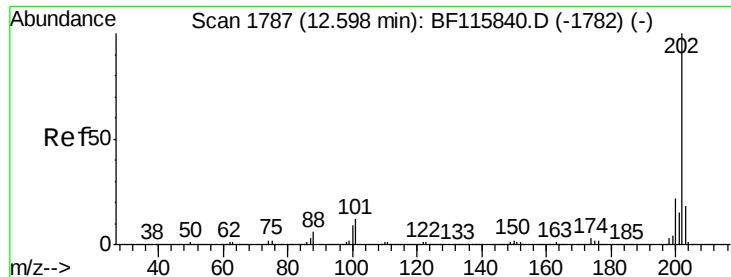
Tot Ion:167 Resp: 1220923
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.2 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 38.904 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion:149 Resp: 1378745
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.1 4.3 6.5

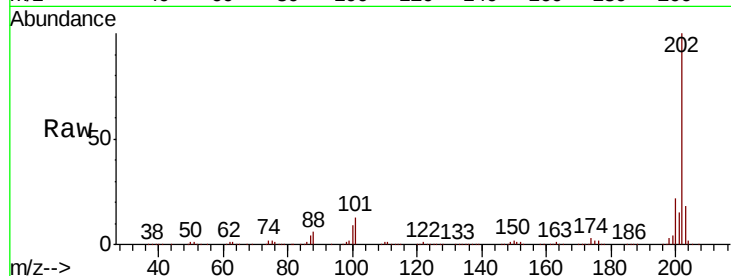




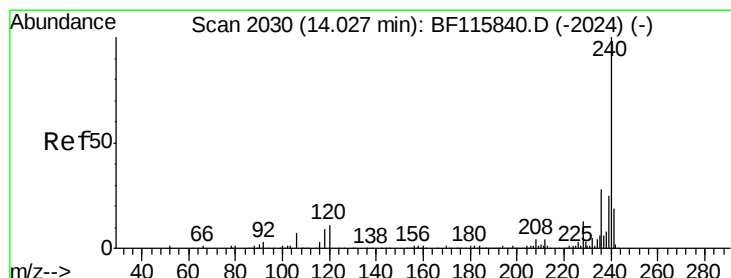
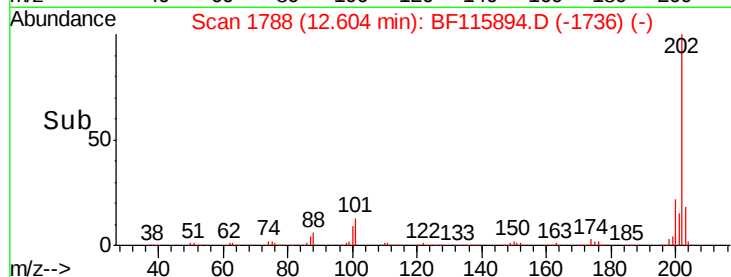
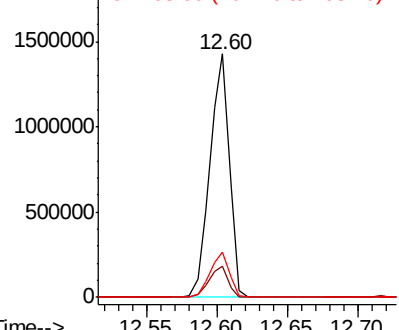
#75
 Fluoranthene
 Concen: 39.344 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1362818
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 31.5
 203 18.3 0.0 37.9

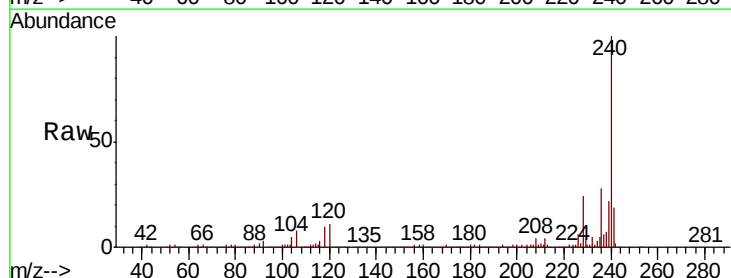


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

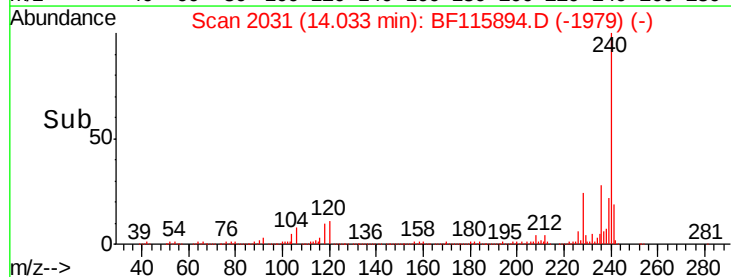
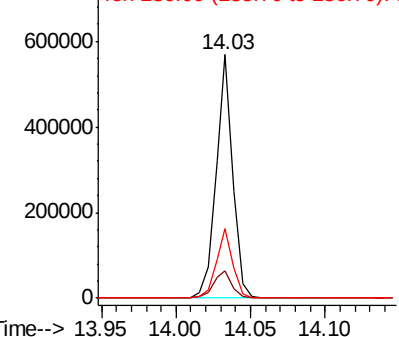


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF115894.D
 Acq: 1 Aug 2019 8:49

Tgt Ion:240 Resp: 449080
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.5 12.7
 236 28.3 22.2 33.2



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: 50.806 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampled :

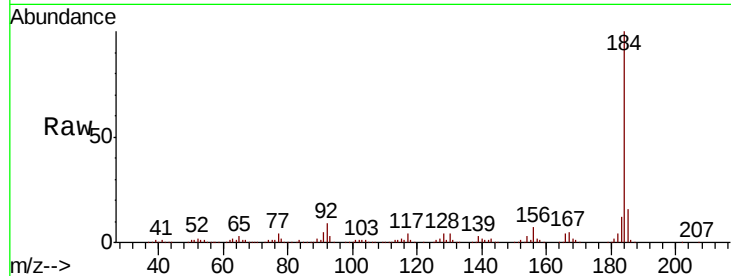
Tot Ion:184 Resp: 770813

Ion	Ratio	Lower	Upper
184	100		
185	15.6	13.4	20.2
183	11.8	9.1	13.7

184 100

185 15.6 13.4 20.2

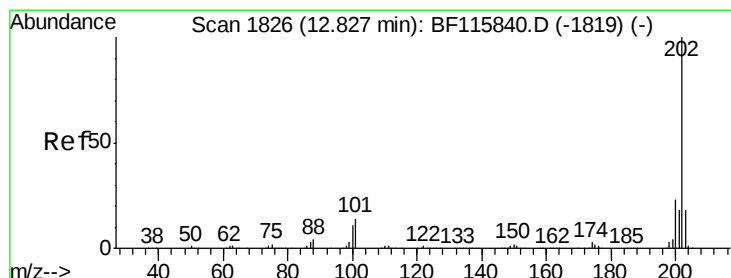
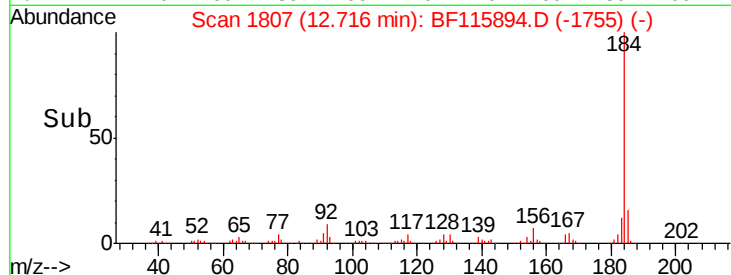
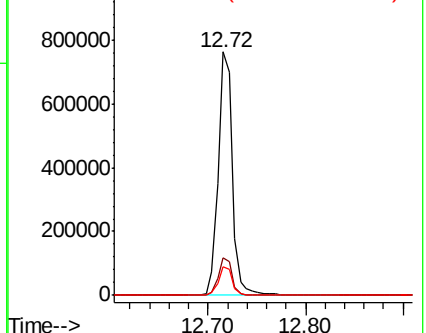
183 11.8 9.1 13.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.485 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

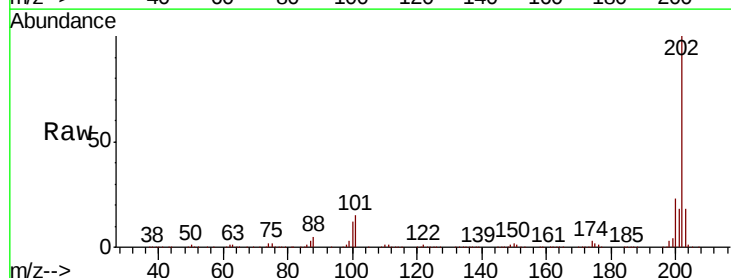
Tgt Ion:202 Resp: 1404351

Ion	Ratio	Lower	Upper
202	100		
200	22.9	18.2	27.2
203	18.3	14.3	21.5

202 100

200 22.9 18.2 27.2

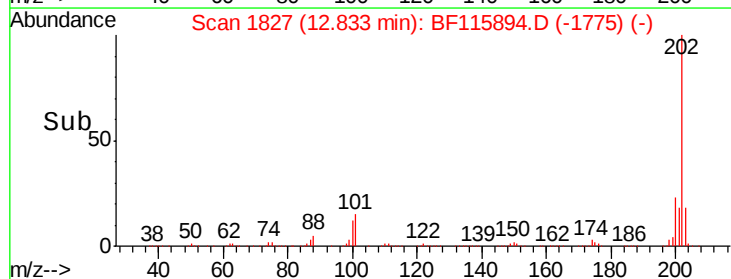
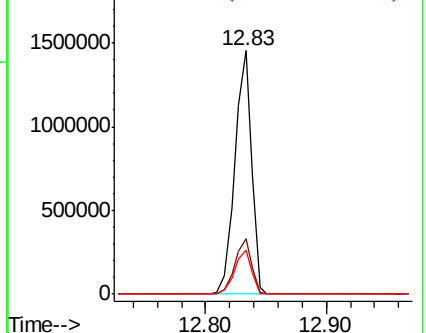
203 18.3 14.3 21.5



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: 80.367 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

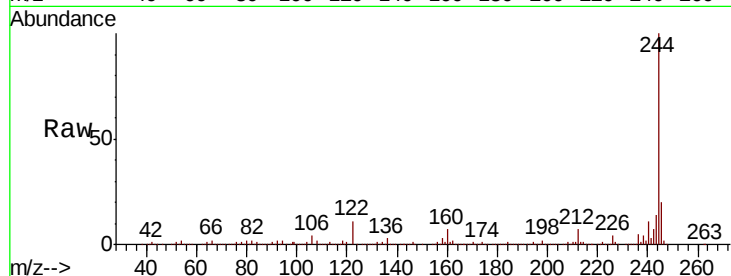
Tot Ion:244 Resp: 1712789

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

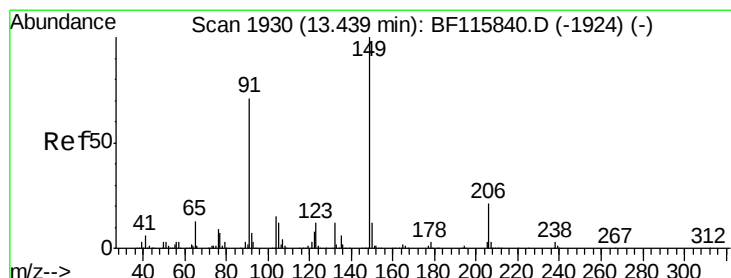
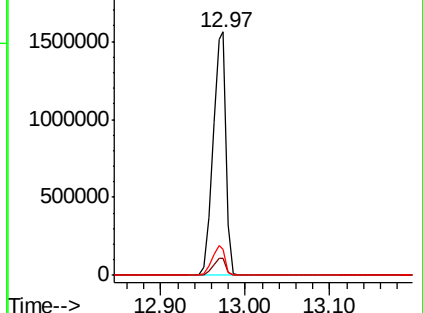
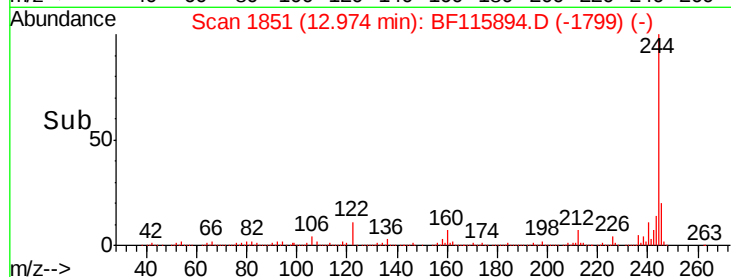
122 10.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.322 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

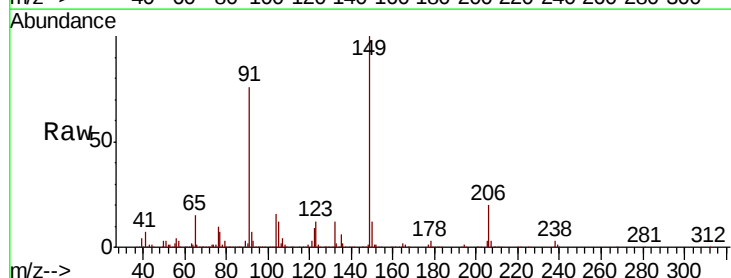
Tgt Ion:149 Resp: 591718

Ion Ratio Lower Upper

149 100

91 76.0 57.0 85.6

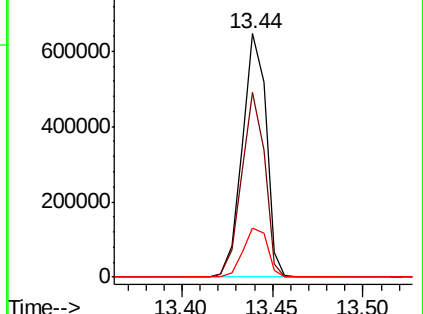
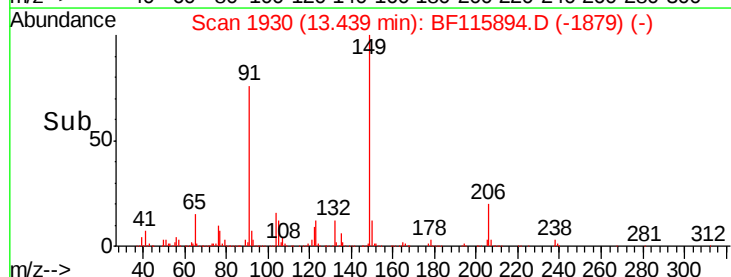
206 20.4 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.834 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

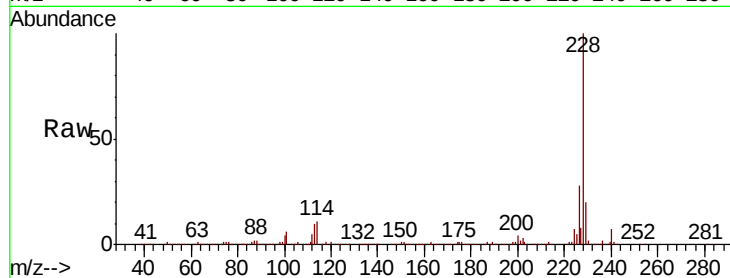
Tot Ion:228 Resp: 1172079

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

229 20.2 16.1 24.1

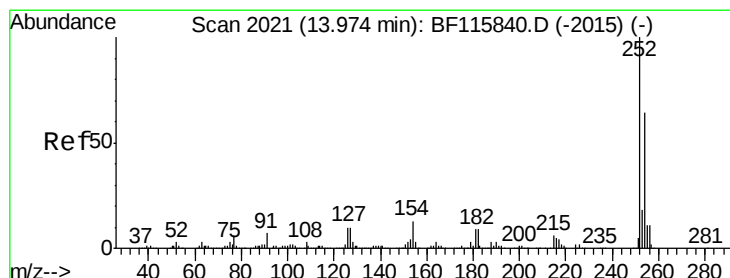
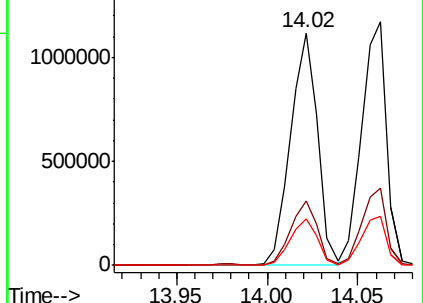
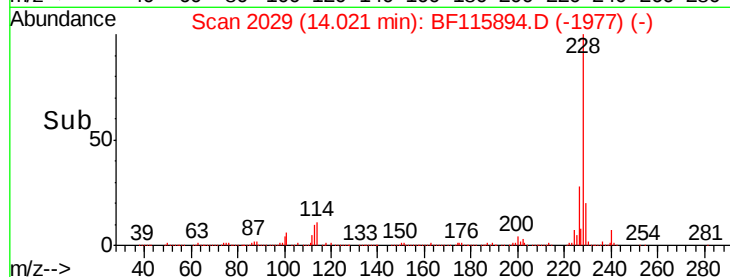


Abundance

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: 41.901 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

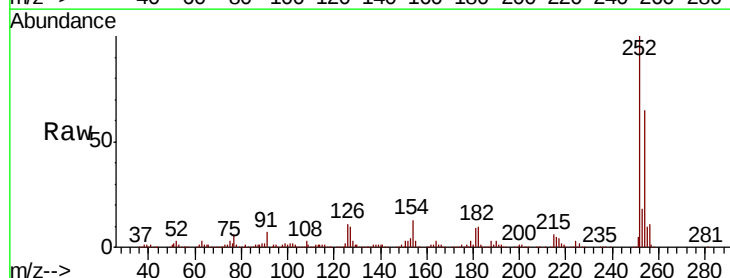
Tgt Ion:252 Resp: 417839

Ion Ratio Lower Upper

252 100

254 65.4 51.2 76.8

126 10.8 8.1 12.1

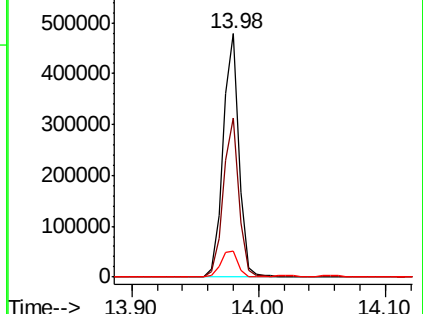
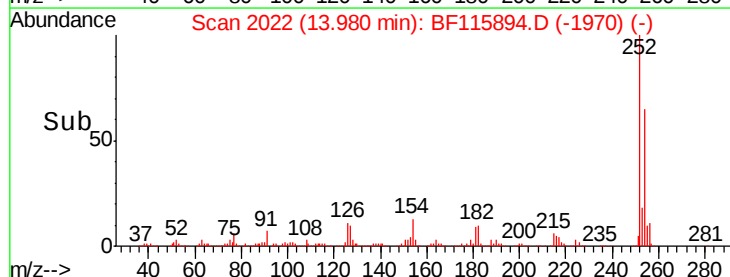


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

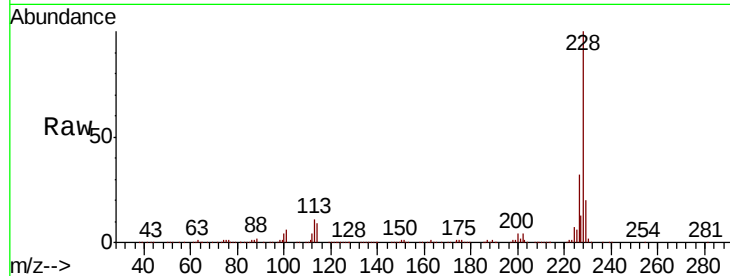




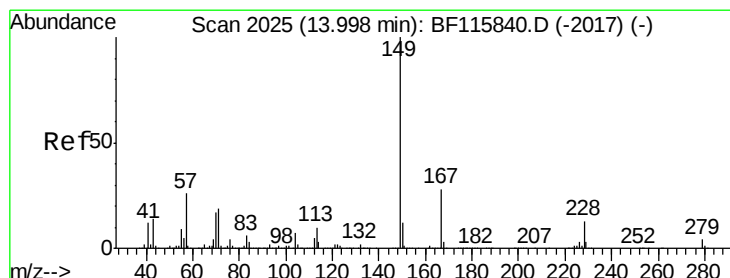
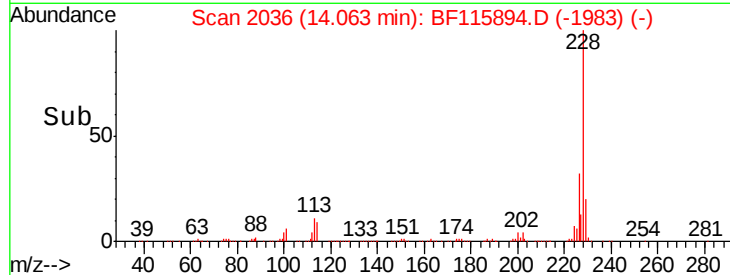
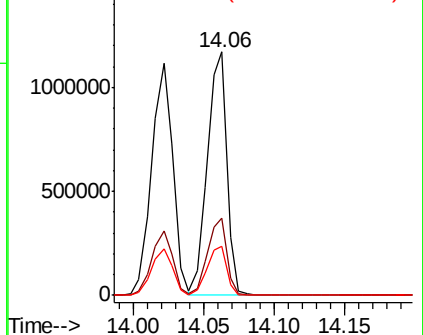
#83
Chrysene
Concen: 40.280 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1122479
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 20.0 16.4 24.6

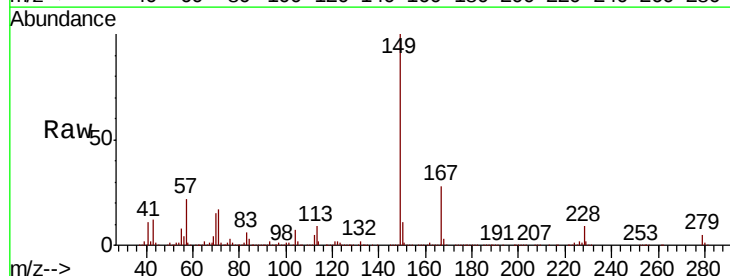


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

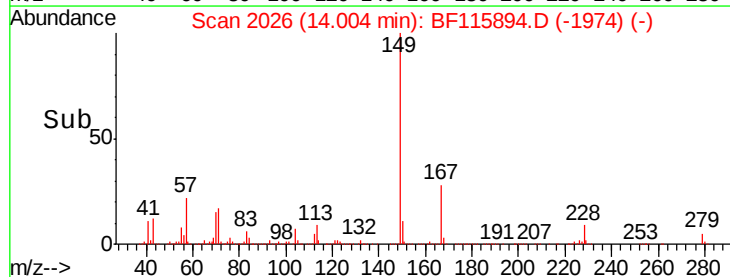
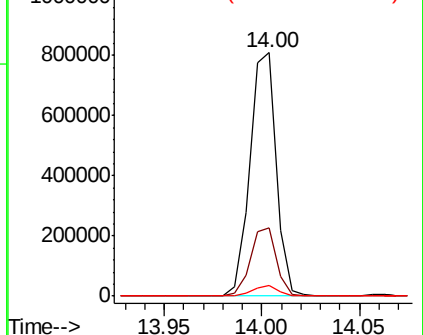


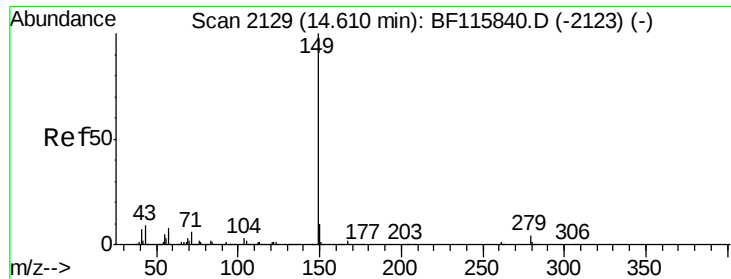
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.671 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:149 Resp: 756818
Ion Ratio Lower Upper
149 100
167 28.0 22.4 33.6
279 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.877 ng

RT: 14.62 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

Instrument :

BNA_F

ClientSampleId :

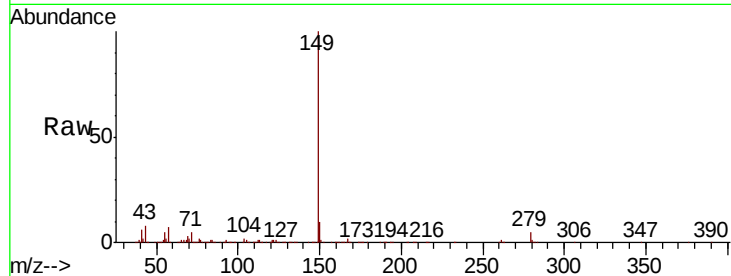
Tot Ion:149 Resp: 1149062

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

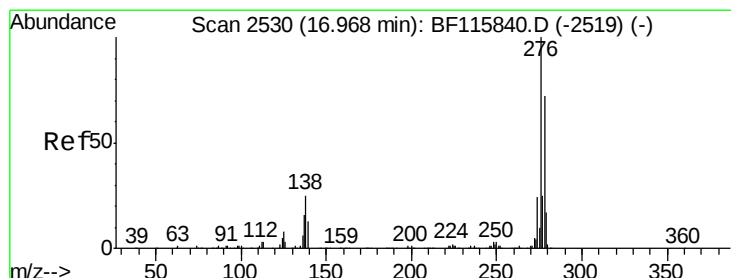
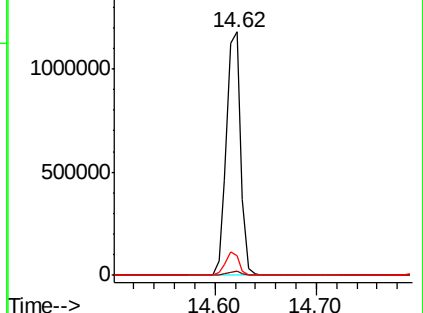
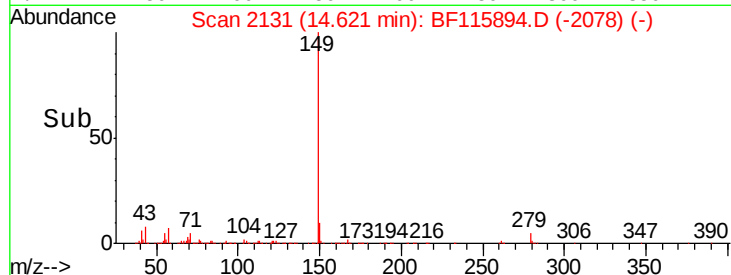
43 9.1 7.4 11.0



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: 42.998 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.04 min

Lab File: BF115894.D

Acq: 1 Aug 2019 8:49

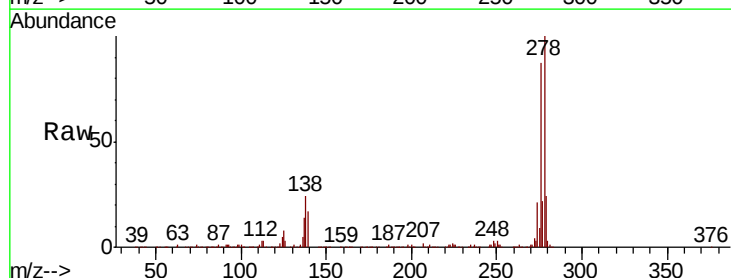
Tgt Ion:276 Resp: 1006368

Ion Ratio Lower Upper

276 100

138 25.2 19.6 29.4

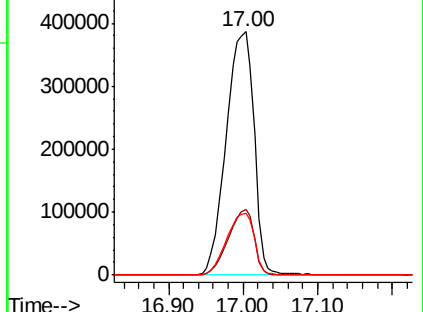
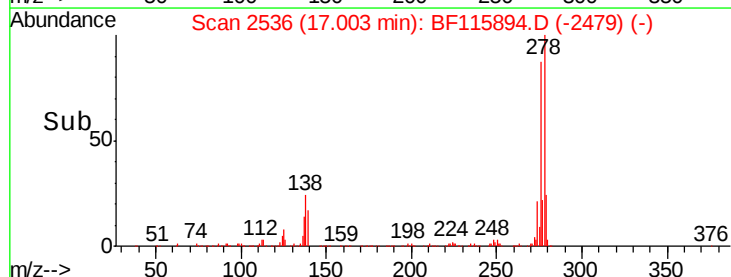
277 25.3 20.1 30.1

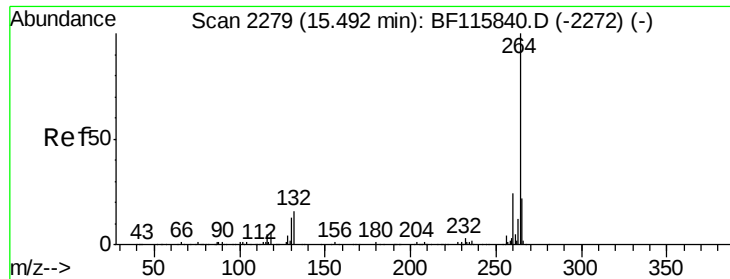


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

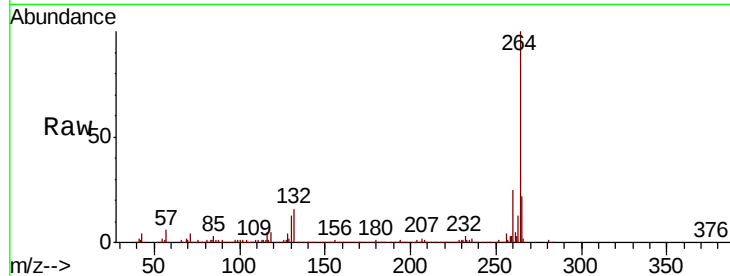




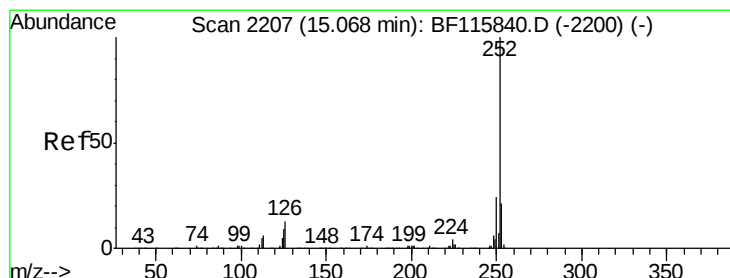
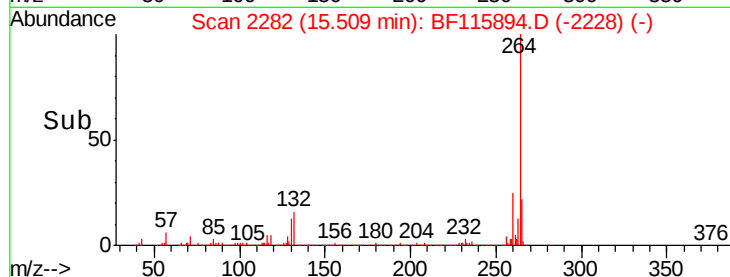
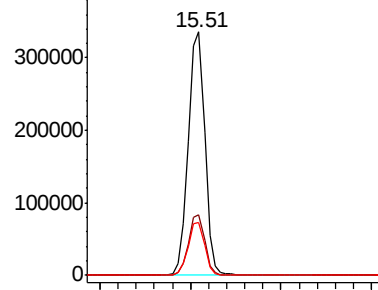
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.02 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 426344
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.8 17.5 26.3

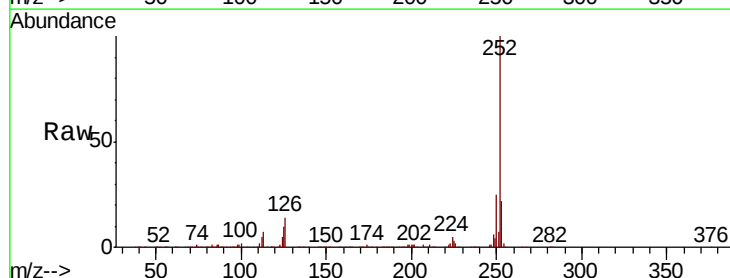


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

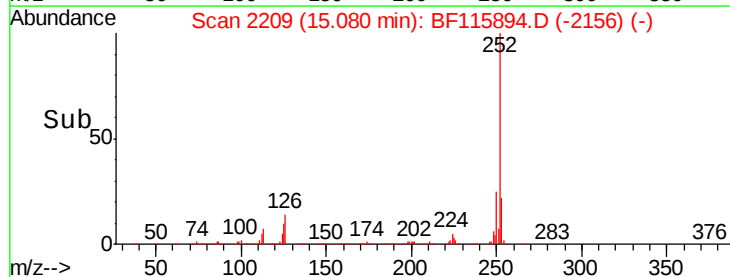
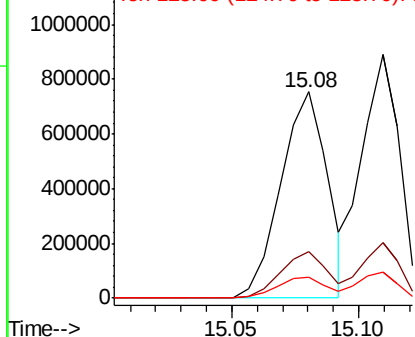


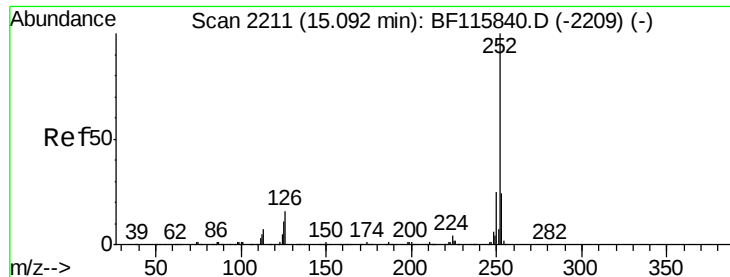
#88
Benzo(b)fluoranthene
Concen: 39.184 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:252 Resp: 965951
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.4 7.4 11.0



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

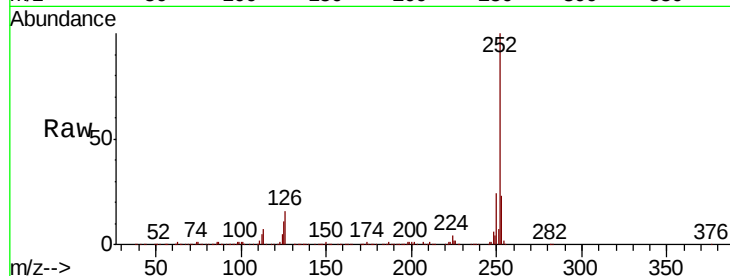




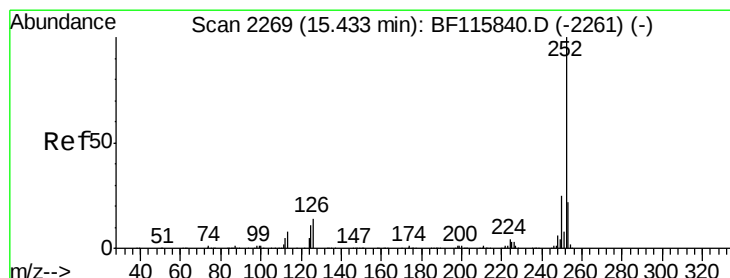
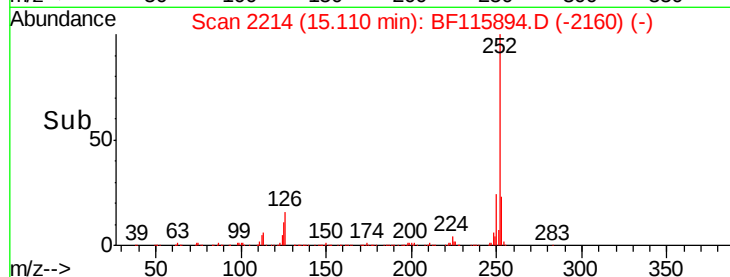
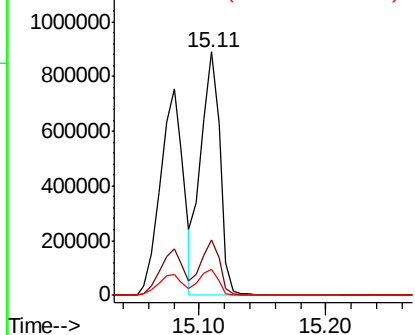
#89
Benzo(k)fluoranthene
Concen: 39.068 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 938065
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.9 8.9 13.3

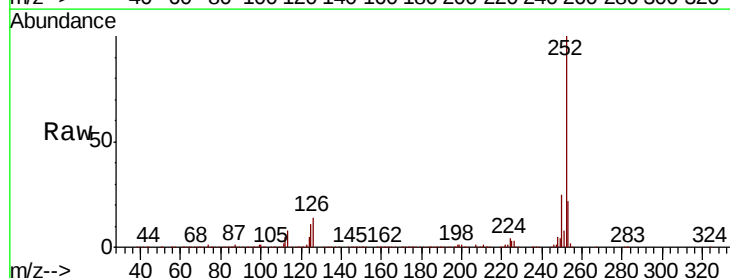


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

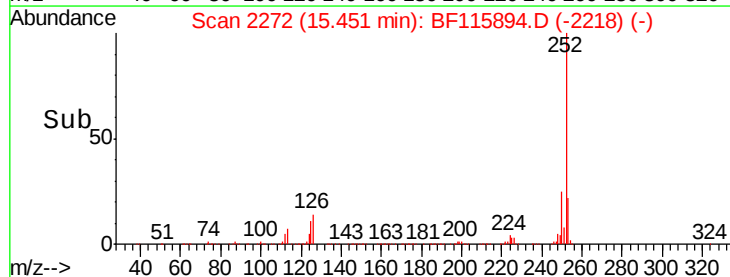
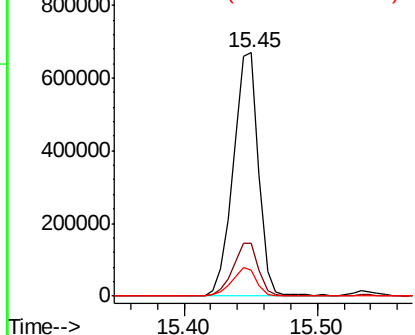


#90
Benzo(a)pyrene
Concen: 40.334 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:252 Resp: 888821
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 10.7 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



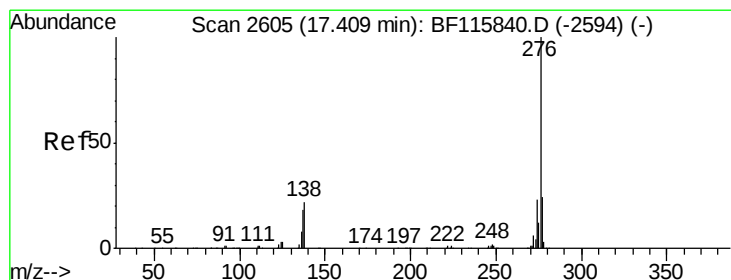
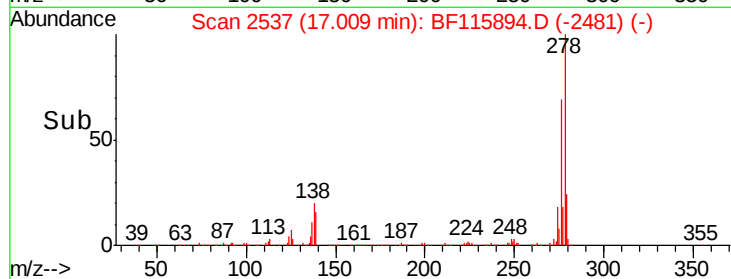
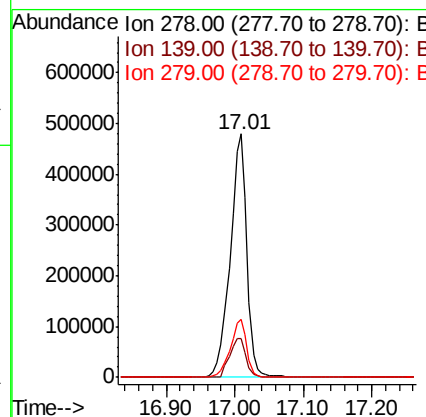
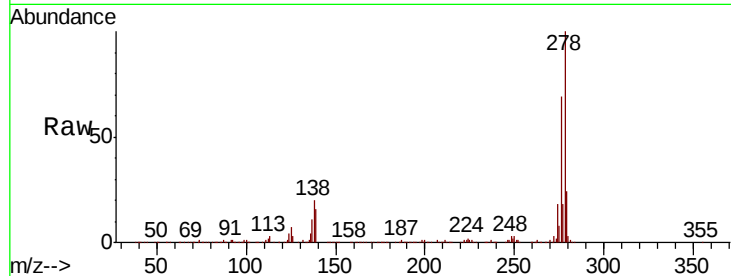


#91
Dibenzo(a,h)anthracene
Concen: 42.527 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.03 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 811218

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.6	19.0
279	23.6	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 44.155 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.04 min
Lab File: BF115894.D
Acq: 1 Aug 2019 8:49

Tgt Ion:276 Resp: 827177

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	21.4	17.8	26.8

