

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115594.D
 Acq On : 16 Jul 2019 13:48
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:30:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166510	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	701683	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	347252	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	710909	20.00	ng	0.00
76) Chrysene-d12	14.04	240	464733	20.00	ng	0.00
87) Perylene-d12	15.51	264	416628	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	962659	94.57	ng	0.00
7) Phenol-d6	6.51	99	1060762	82.12	ng	0.00
23) Nitrobenzene-d5	7.45	82	997008	82.62	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	362719	89.49	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1765245	88.98	ng	0.00
79) Terphenyl-d14	12.99	244	1997381	79.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	247396	48.721	ng	99
3) Pyridine	3.45	79	679850	49.348	ng	99
4) n-Nitrosodimethylamine	3.40	42	242586	48.538	ng	97
6) Aniline	6.55	93	741431	41.247	ng	99
8) 2-Chlorophenol	6.67	128	485089	41.447	ng	94
9) Benzaldehyde	6.43	77	322170	39.913	ng	99
10) Phenol	6.53	94	620096	41.354	ng	84
11) bis(2-Chloroethyl)ether	6.62	93	467012	40.908	ng	96
12) 1,3-Dichlorobenzene	6.83	146	547023	41.571	ng	99
13) 1,4-Dichlorobenzene	6.90	146	553506	42.158	ng	97
14) 1,2-Dichlorobenzene	7.06	146	511307	42.602	ng	98
15) Benzyl Alcohol	7.02	79	424660	41.444	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	628213	41.798	ng	98
17) 2-Methylphenol	7.13	107	419012	41.543	ng	99
18) Hexachloroethane	7.40	117	201914	41.434	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	349674	41.508	ng	98
20) 3+4-Methylphenols	7.29	107	490987	40.982	ng	94
22) Acetophenone	7.29	105	650980	41.066	ng	# 96
24) Nitrobenzene	7.46	77	539688	41.464	ng	96
25) Isophorone	7.70	82	985414	40.809	ng	99
26) 2-Nitrophenol	7.78	139	281759	42.057	ng	97
27) 2,4-Dimethylphenol	7.82	122	381567	38.065	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	619889	41.845	ng	99
29) 2,4-Dichlorophenol	8.02	162	433540	41.587	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	487622	41.380	ng	97
31) Naphthalene	8.19	128	1420995	41.815	ng	97
32) Benzoic acid	7.95	122	259435	31.537	ng	100
33) 4-Chloroaniline	8.23	127	627637	41.696	ng	97
34) Hexachlorobutadiene	8.31	225	282186	41.758	ng	99
35) Caprolactam	8.62	113	134436	41.732	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	458877	42.434	ng	99
37) 2-Methylnaphthalene	8.88	142	951815	42.254	ng	98
38) 1-Methylnaphthalene	8.98	142	906324	42.359	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	439348	42.015	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115594.D
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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:30:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	246232	41.279	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	314233	41.092	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	329749	42.106	ng	99
46) 1,1'-Biphenyl	9.35	154	1148041	42.289	ng	98
47) 2-Chloronaphthalene	9.37	162	953860	42.197	ng	99
48) 2-Nitroaniline	9.46	65	299787	42.848	ng	91
49) Acenaphthylene	9.79	152	1418554	42.352	ng	98
50) Dimethylphthalate	9.65	163	1105712	42.322	ng	99
51) 2,6-Dinitrotoluene	9.70	165	251114	42.294	ng	95
52) Acenaphthene	9.96	154	935290	43.251	ng	99
53) 3-Nitroaniline	9.87	138	278722	41.079	ng	94
54) 2,4-Dinitrophenol	9.97	184	138645	45.482	ng	98
55) Dibenzofuran	10.13	168	1269554	41.341	ng	100
56) 4-Nitrophenol	10.02	139	215691	41.689	ng	95
57) 2,4-Dinitrotoluene	10.10	165	337811	43.916	ng	96
58) Fluorene	10.47	166	935451	42.610	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	283389	43.288	ng	98
60) Diethylphthalate	10.35	149	1060589	43.326	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	494732	40.636	ng	98
62) 4-Nitroaniline	10.49	138	277822	42.688	ng	98
63) Azobenzene	10.62	77	1067573	44.962	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	176673	40.676	ng	99
66) n-Nitrosodiphenylamine	10.58	169	870331	39.357	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	335807	41.335	ng	98
68) Hexachlorobenzene	11.02	284	380300	40.991	ng	# 92
69) Atrazine	11.10	200	283745	39.113	ng	99
70) Pentachlorophenol	11.21	266	238120	41.964	ng	99
71) Phenanthrene	11.43	178	1504124	41.276	ng	98
72) Anthracene	11.49	178	1514154	40.206	ng	100
73) Carbazole	11.63	167	1371813	41.539	ng	100
74) Di-n-butylphthalate	11.97	149	1671473	41.089	ng	100
75) Fluoranthene	12.62	202	1570368	40.780	ng	100
77) Benzidine	12.73	184	693210	42.106	ng	99
78) Pyrene	12.85	202	1558081	39.571	ng	98
80) Butylbenzylphthalate	13.46	149	695463	41.434	ng	98
81) Benzo(a)anthracene	14.03	228	1260142	41.159	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	481046	44.197	ng	98
83) Chrysene	14.07	228	1280414	41.660	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	878146	42.237	ng	99
85) Di-n-octyl phthalate	14.63	149	1446068	43.713	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	981618	37.593	ng	99
88) Benzo(b)fluoranthene	15.09	252	1124557	41.918	ng	99
89) Benzo(k)fluoranthene	15.12	252	1054192	44.075	ng	98
90) Benzo(a)pyrene	15.45	252	967681	41.967	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	825865	40.798	ng	99
92) Benzo(g,h,i)perylene	17.43	276	799837	39.619	ng	99

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

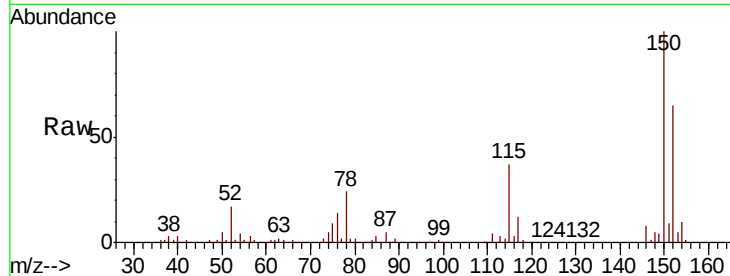


#1

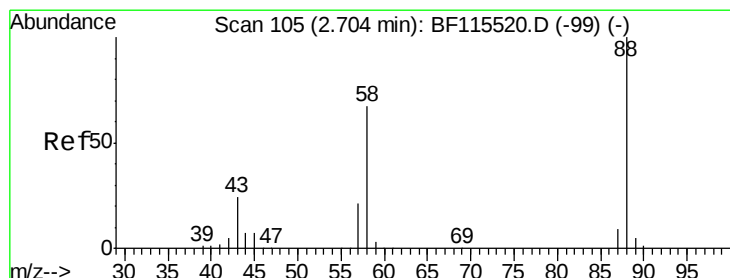
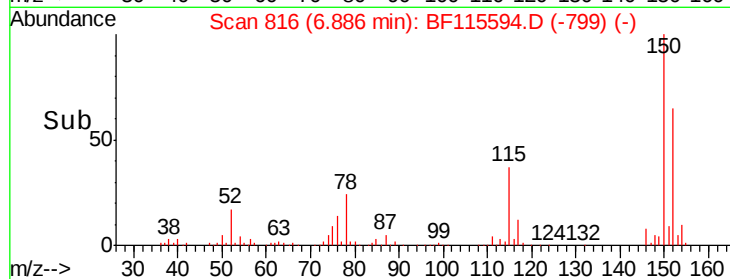
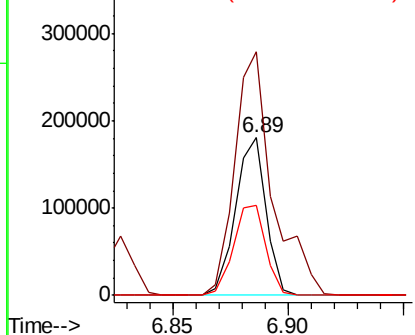
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166510
Ion Ratio Lower Upper
152 100
150 154.6 129.7 194.5
115 57.3 48.2 72.4



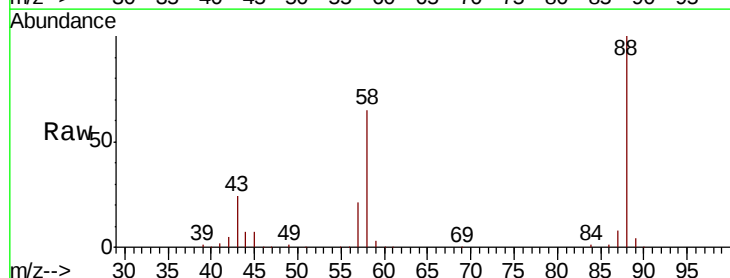
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



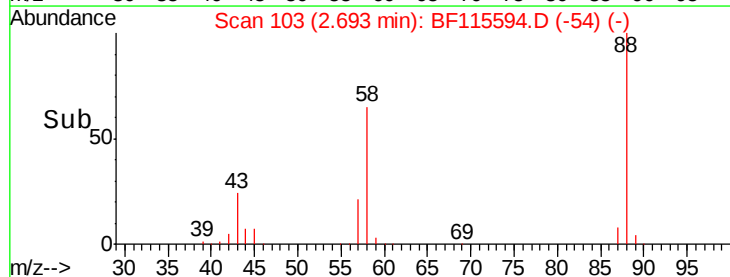
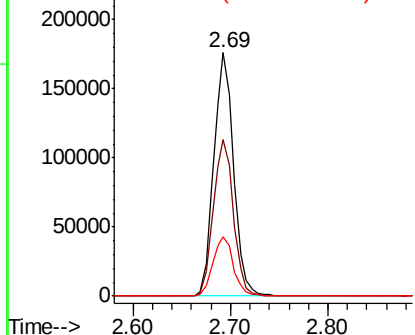
#2

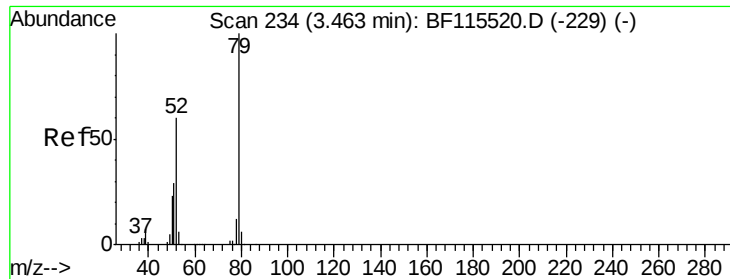
1,4-Dioxane
Concen: 48.721 ng
RT: 2.69 min Scan# 103
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 88 Resp: 247396
Ion Ratio Lower Upper
88 100
58 65.0 52.6 79.0
43 24.9 19.1 28.7



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





#3

Pvridine

Concen: 49.348 ng

RT: 3.45 min Scan# 232

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

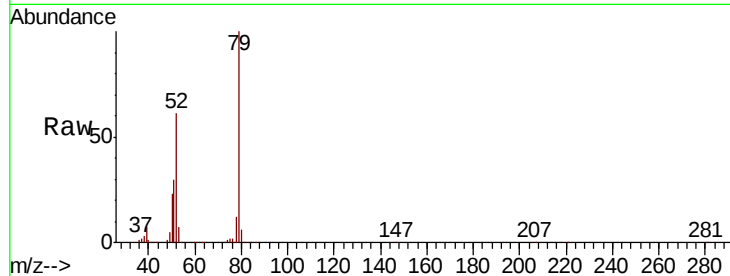
Tot Ion: 79 Resp: 679850

Ion Ratio Lower Upper

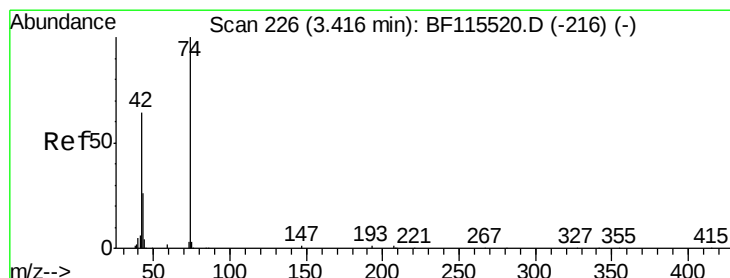
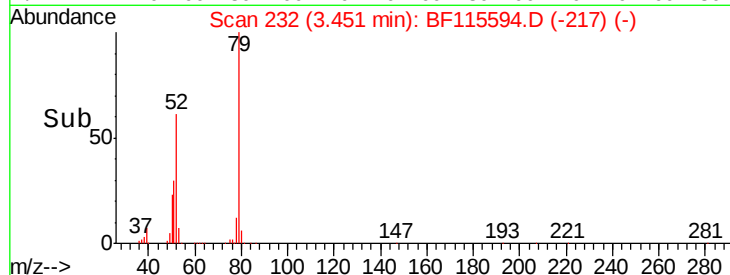
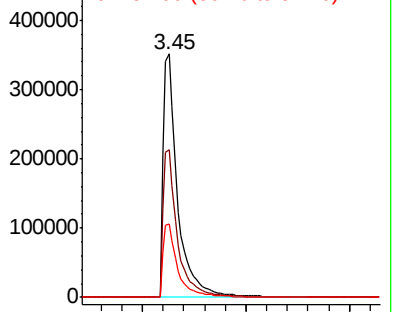
79 100

52 60.6 47.8 71.6

51 30.0 23.8 35.8



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



#4

n-Nitrosodimethylamine

Concen: 48.538 ng

RT: 3.40 min Scan# 223

Delta R.T. -0.02 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

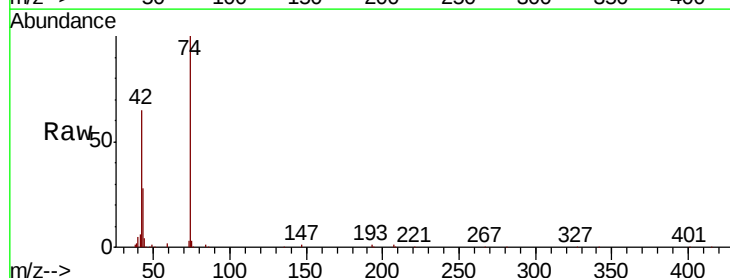
Tgt Ion: 42 Resp: 242586

Ion Ratio Lower Upper

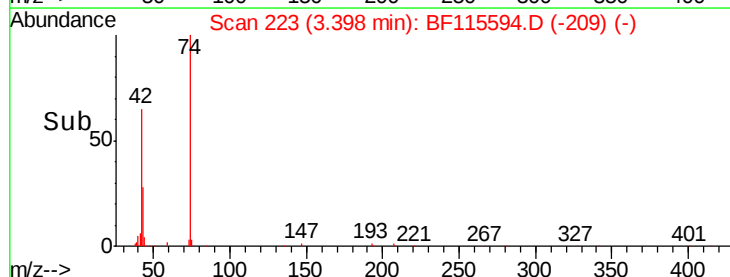
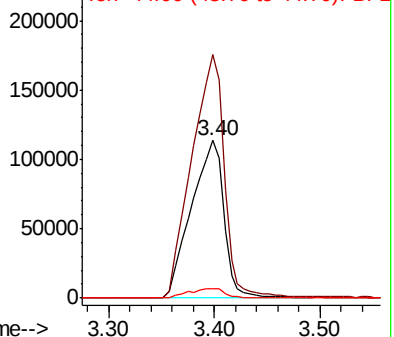
42 100

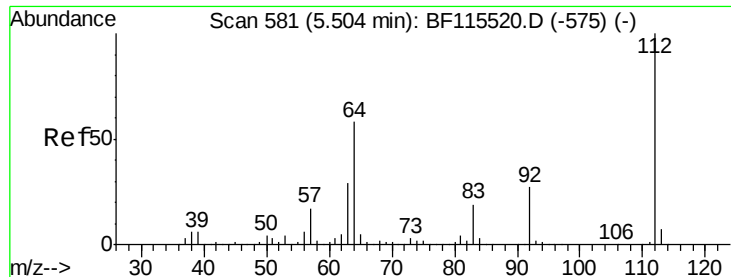
74 154.7 127.5 191.3

44 6.4 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 94.567 ng

RT: 5.50 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

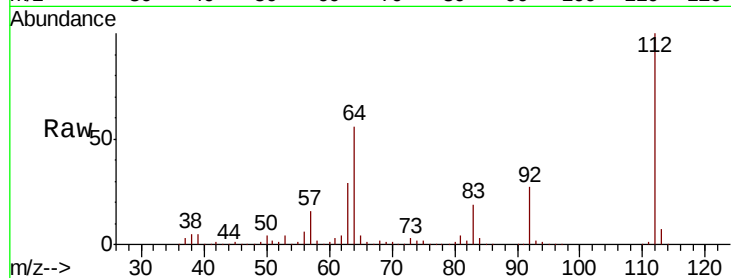
Tot Ion: 112 Resp: 962659

Ion Ratio Lower Upper

112 100

64 56.4 46.8 70.2

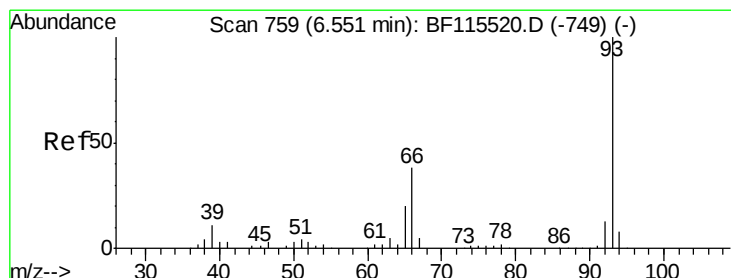
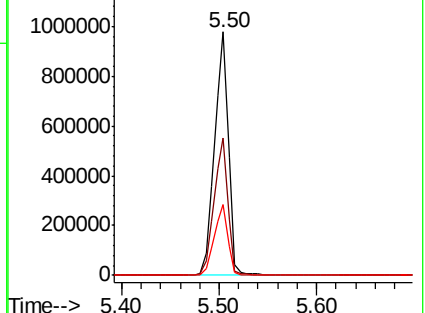
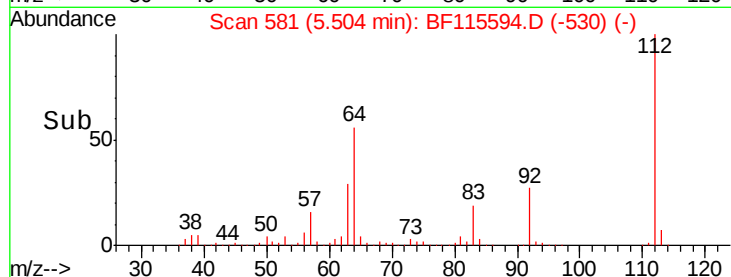
63 29.2 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF115594.D (-530) (-)

Ion 64.00 (63.70 to 64.70): BF115594.D (-530) (-)

Ion 63.00 (62.70 to 63.70): BF115594.D (-530) (-)



#6

Aniline

Concen: 41.247 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

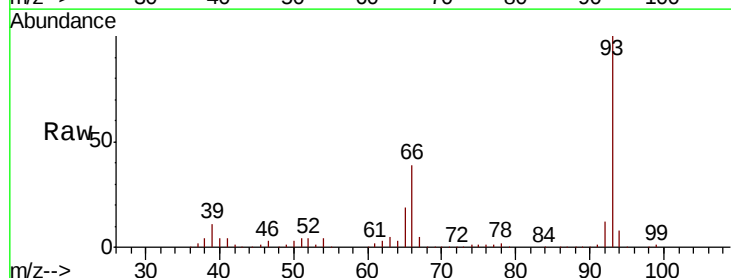
Tgt Ion: 93 Resp: 741431

Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

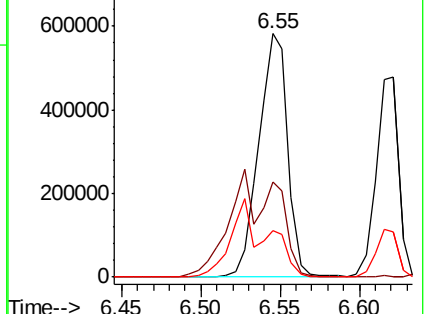
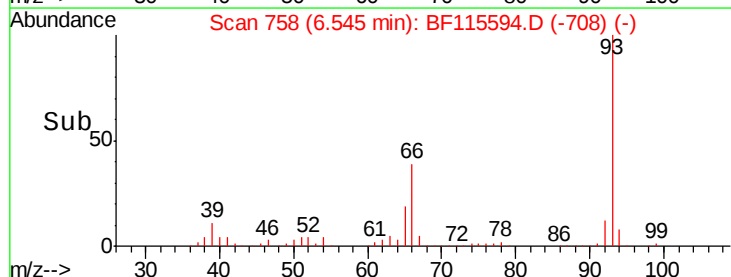
65 19.3 16.2 24.2

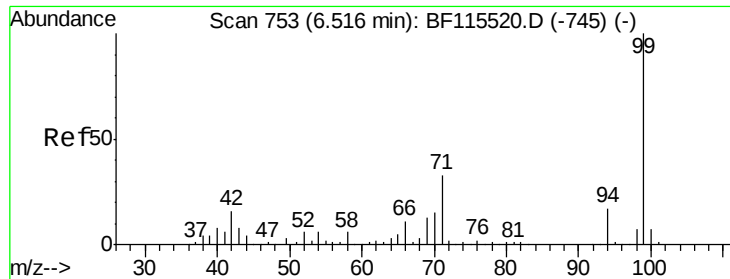


Abundance Ion 93.00 (92.70 to 93.70): BF115594.D (-708) (-)

Ion 66.00 (65.70 to 66.70): BF115594.D (-708) (-)

Ion 65.00 (64.70 to 65.70): BF115594.D (-708) (-)





#7

Phenol-d6

Concen: 82.122 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

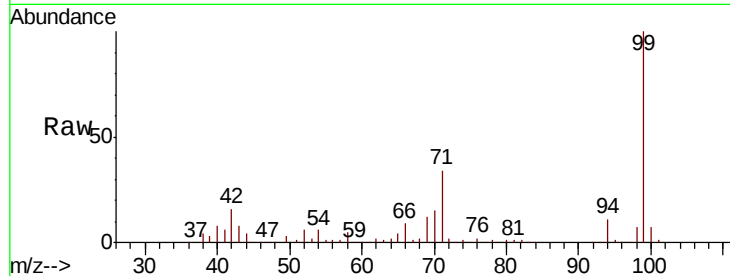
Tot Ion: 99 Resp: 1060762

Ion Ratio Lower Upper

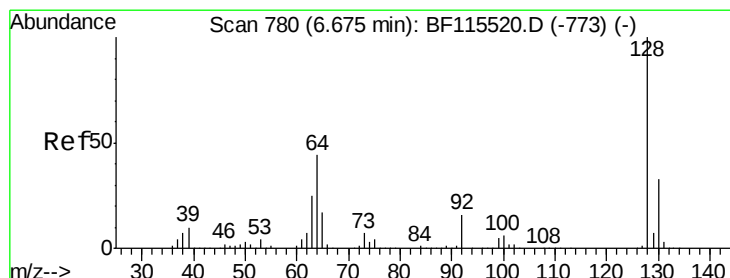
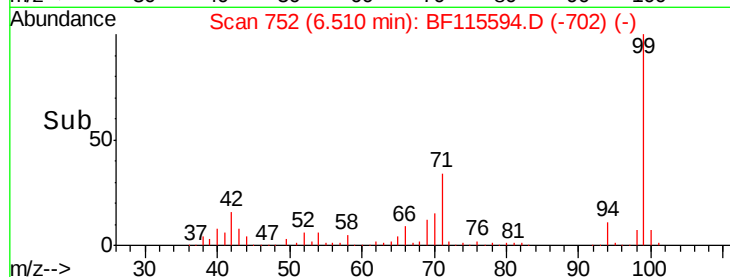
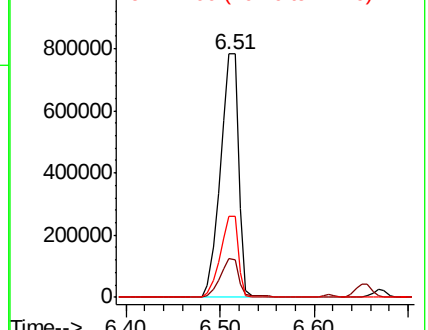
99 100

42 15.8 13.6 20.4

71 33.5 28.5 42.7



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: 41.447 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

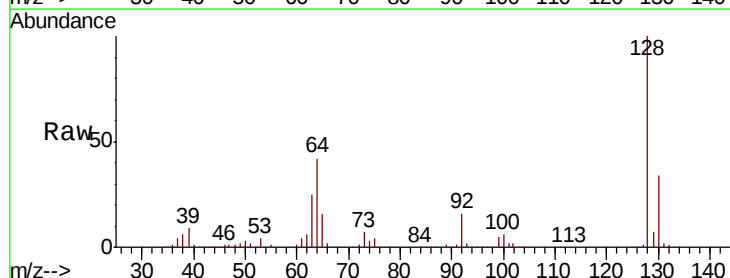
Tgt Ion: 128 Resp: 485089

Ion Ratio Lower Upper

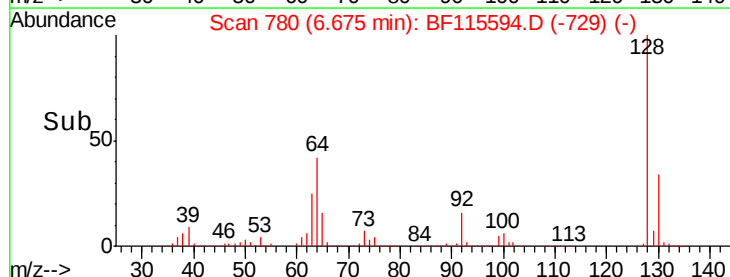
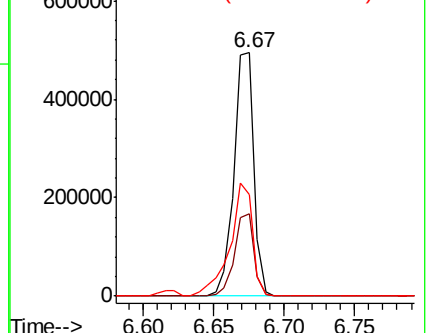
128 100

130 34.0 12.8 52.8

64 41.5 26.8 66.8



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: 39.913 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

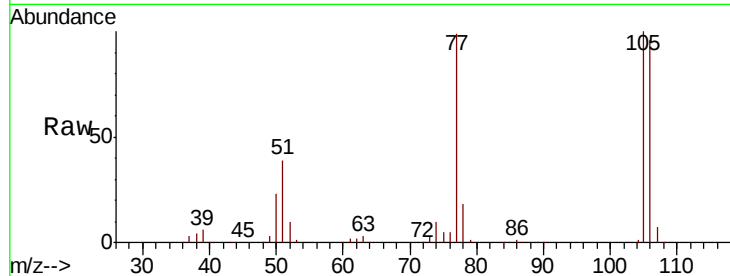
Tot Ion: 77 Resp: 322170

Ion Ratio Lower Upper

77 100

105 100.5 78.8 118.8

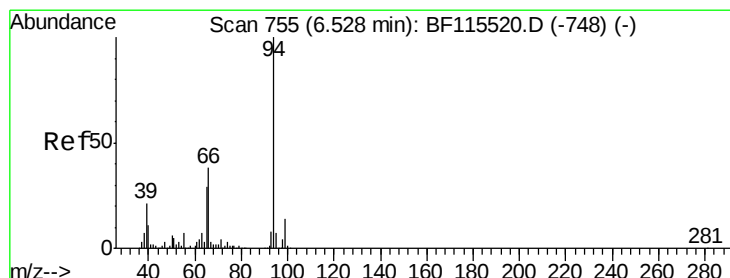
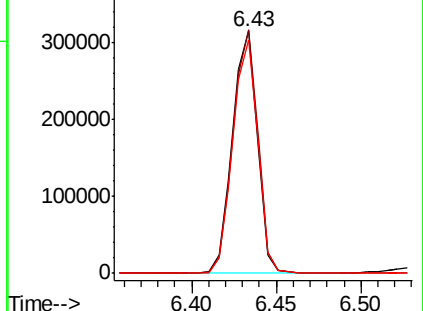
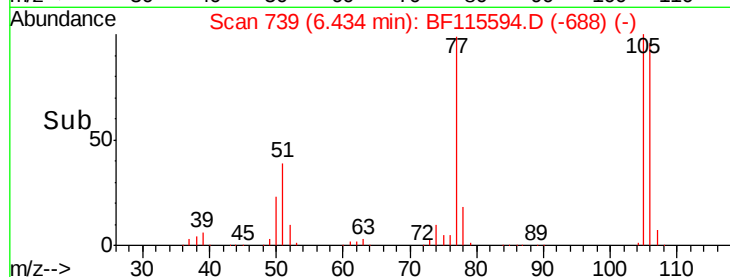
106 96.2 75.6 115.6



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: 41.354 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

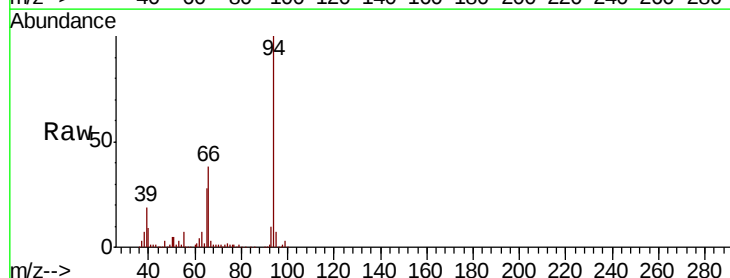
Tgt Ion: 94 Resp: 620096

Ion Ratio Lower Upper

94 100

65 27.9 14.5 54.5

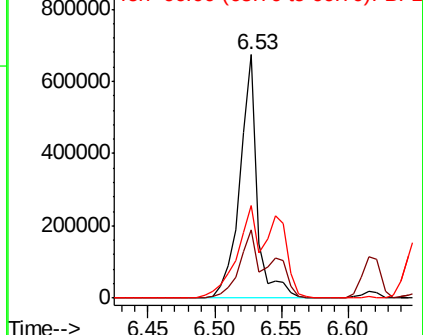
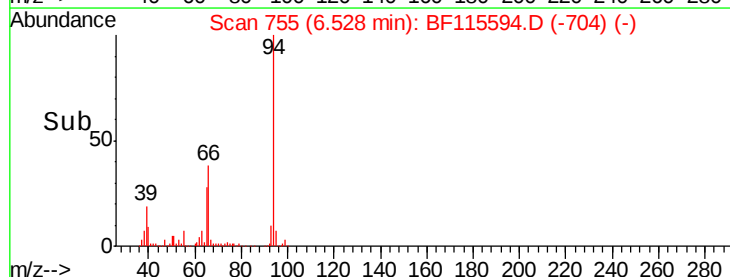
66 38.1 31.3 71.3

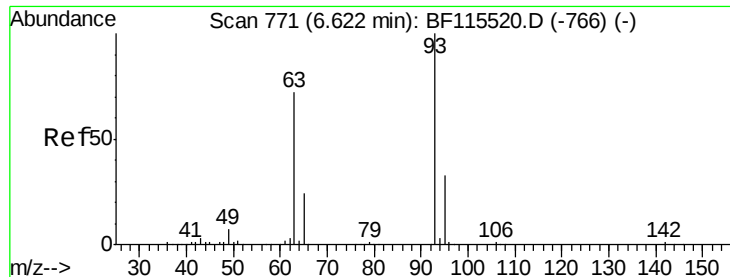


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

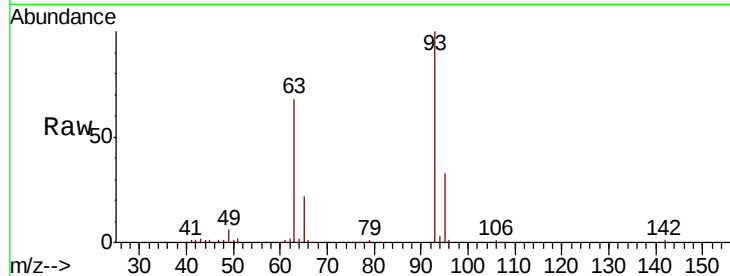




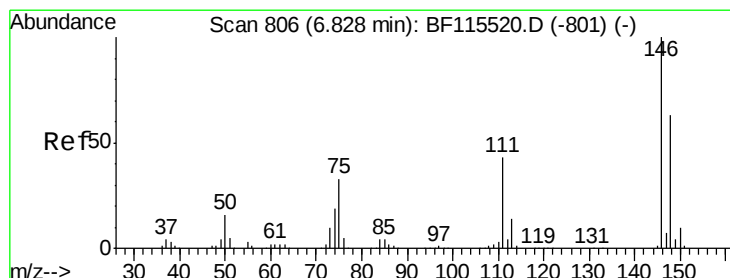
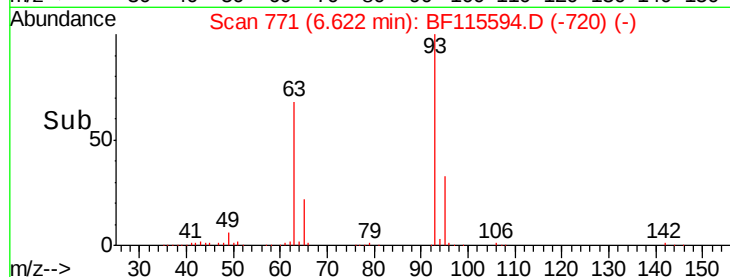
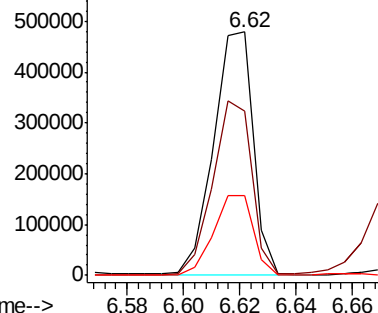
#11
bis(2-Chloroethyl)ether
Concen: 40.908 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 467012
Ion Ratio Lower Upper
93 100
63 67.6 52.2 92.2
95 32.6 12.9 52.9

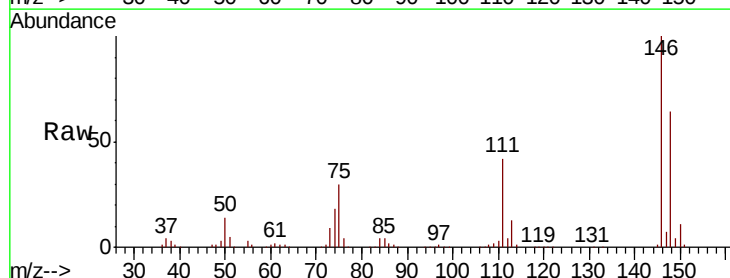


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

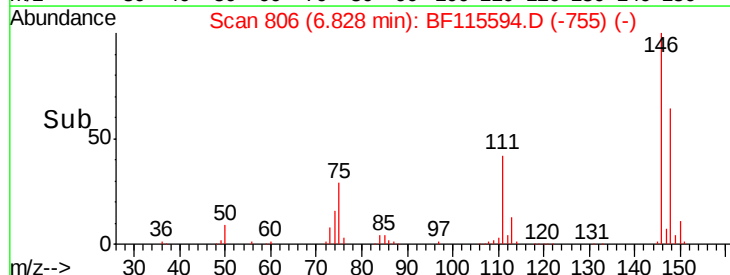
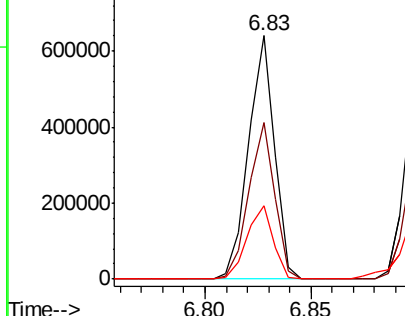


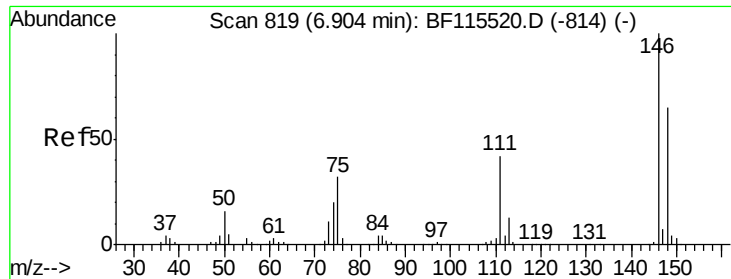
#12
1,3-Dichlorobenzene
Concen: 41.571 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 146 Resp: 547023
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 30.3 24.9 37.3



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

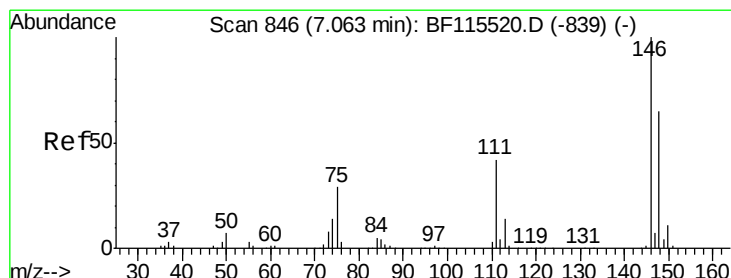
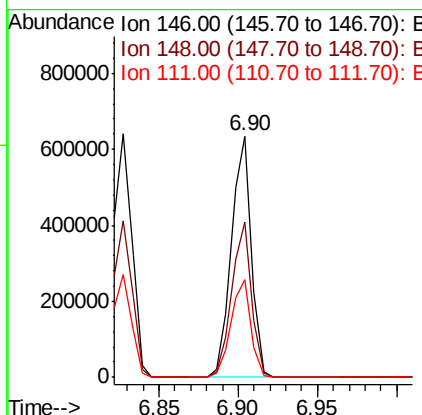
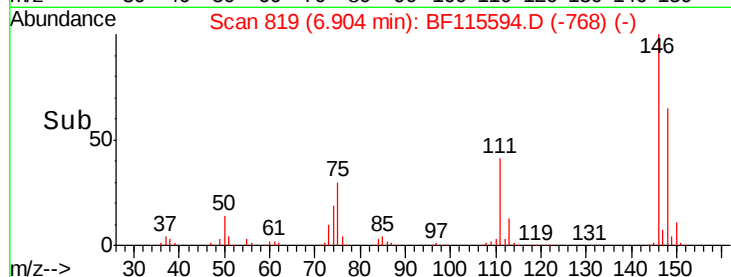
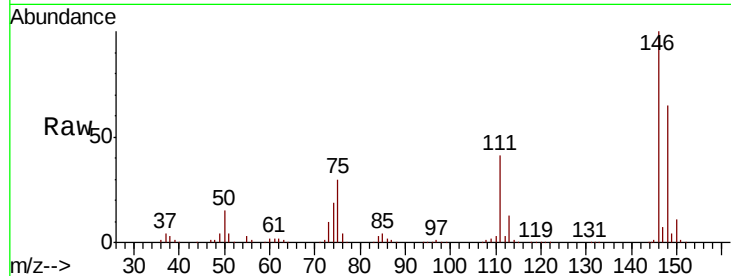




#13
 1,4-Dichlorobenzene
 Concen: 42.158 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

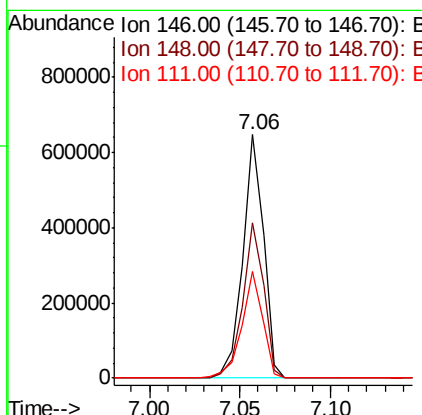
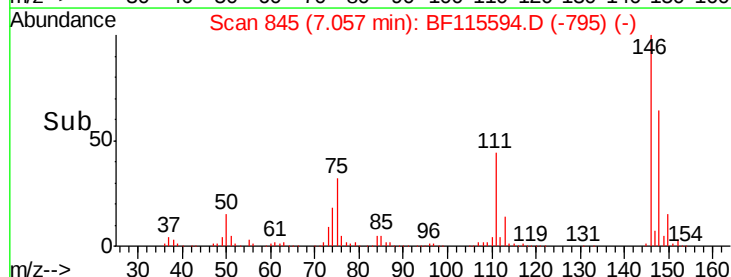
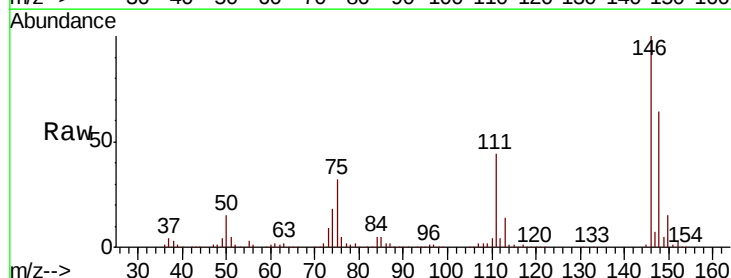
Instrument :
 BNA_F
 ClientSampleId :

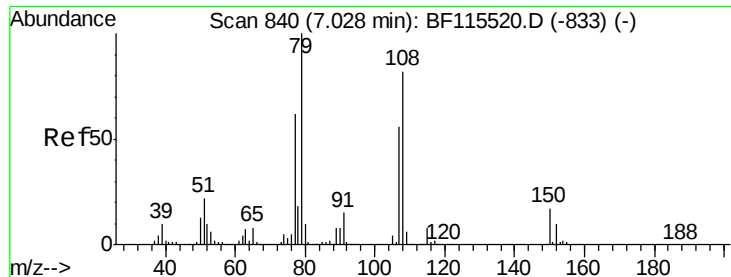
Tot Ion:146 Resp: 553506
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 40.6 35.5 53.3



#14
 1,2-Dichlorobenzene
 Concen: 42.602 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion:146 Resp: 511307
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.8 37.6 56.4





#15

Benzyl Alcohol

Concen: 41.444 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampled :

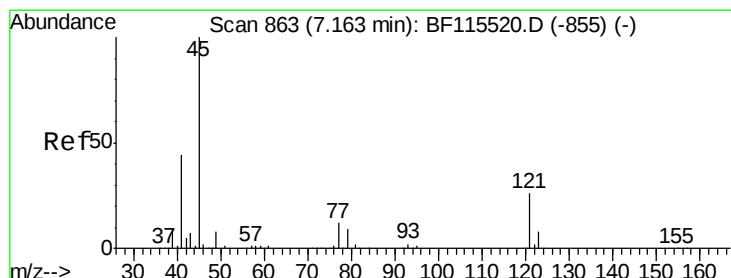
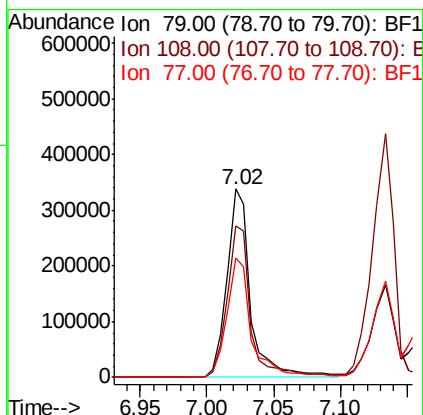
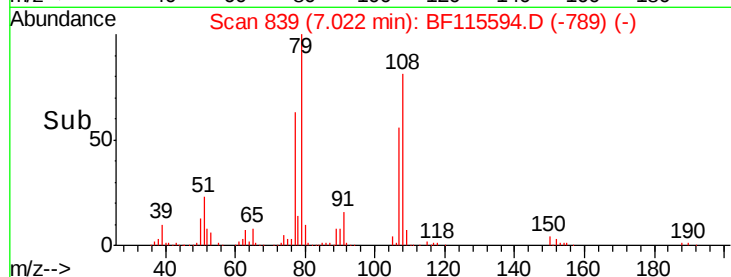
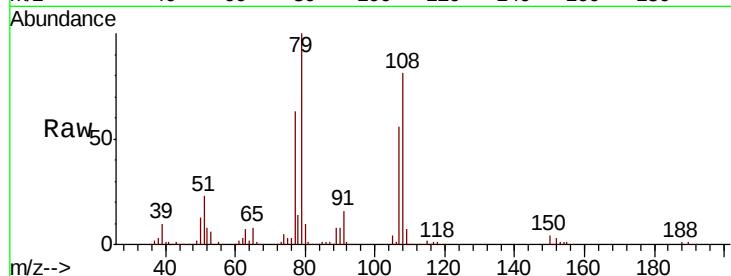
Tot Ion: 79 Resp: 424660

Ion Ratio Lower Upper

79 100

108 80.7 64.2 96.4

77 63.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.798 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

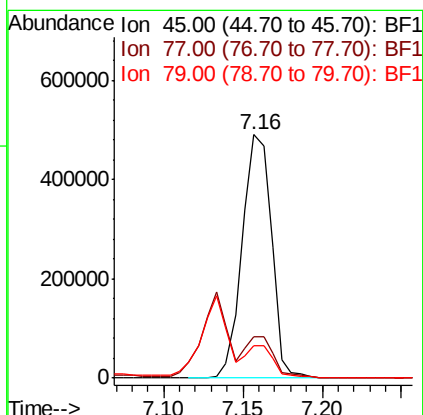
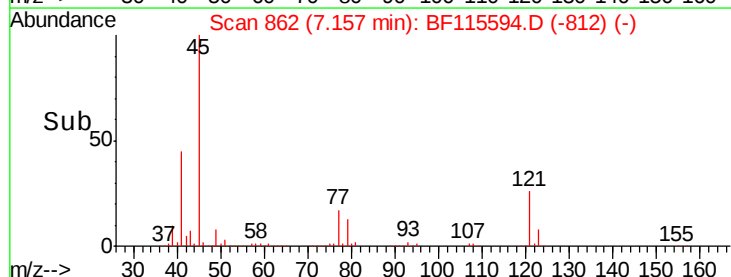
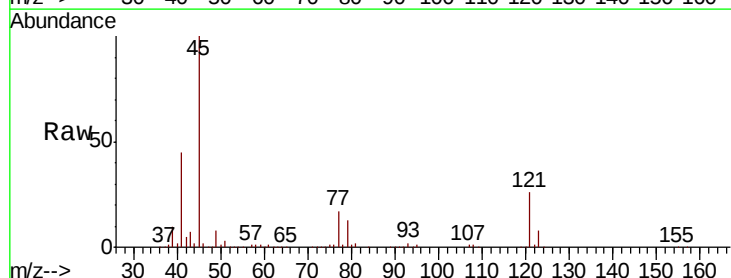
Tgt Ion: 45 Resp: 628213

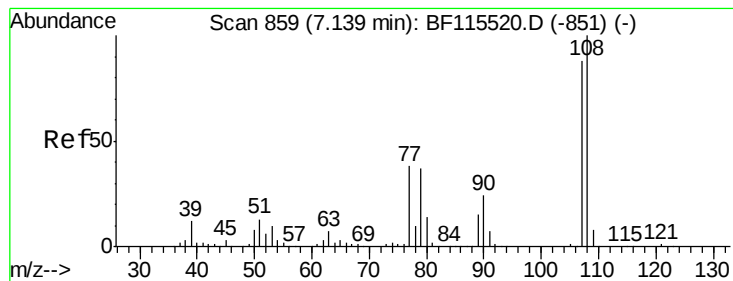
Ion Ratio Lower Upper

45 100

77 17.1 0.0 38.1

79 13.1 0.0 34.1





#17

2-Methylphenol

Concen: 41.543 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 419012

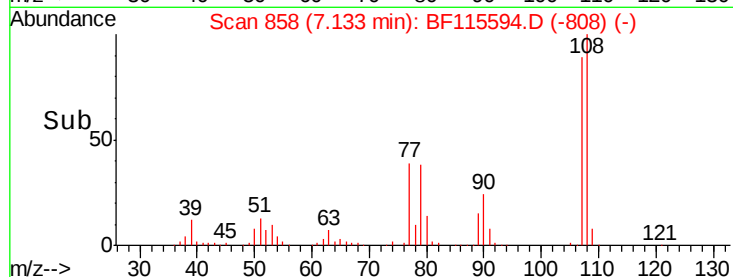
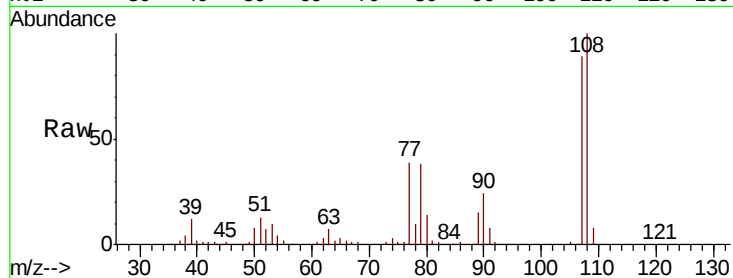
Ion Ratio Lower Upper

107 100

108 112.4 89.4 134.2

77 44.3 35.7 53.5

79 42.6 35.0 52.4



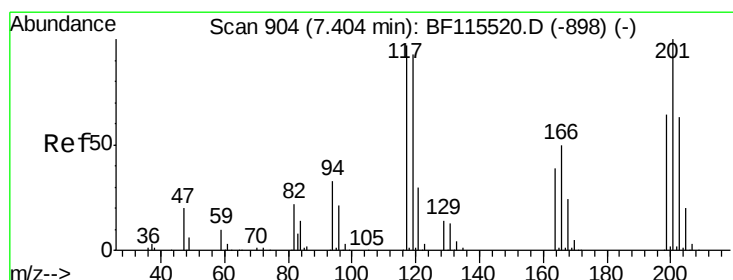
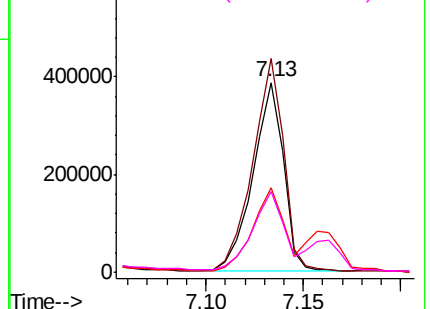
Abundance

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: 41.434 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

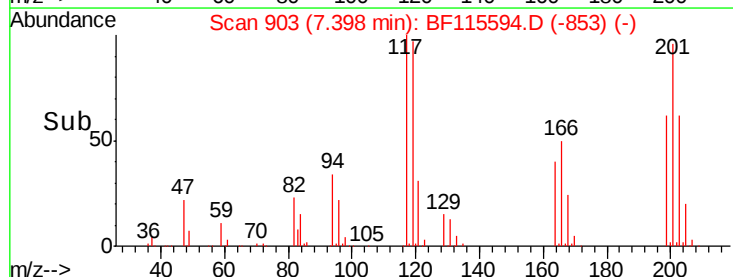
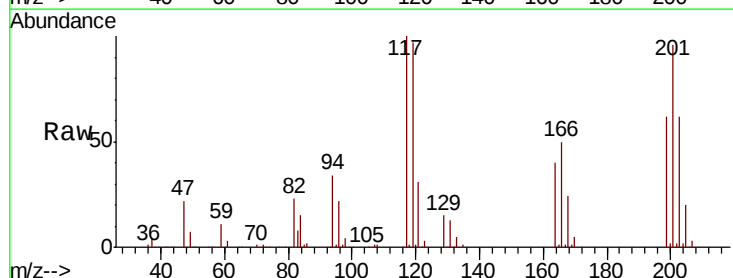
Tgt Ion:117 Resp: 201914

Ion Ratio Lower Upper

117 100

119 96.6 77.7 116.5

201 96.2 86.0 129.0

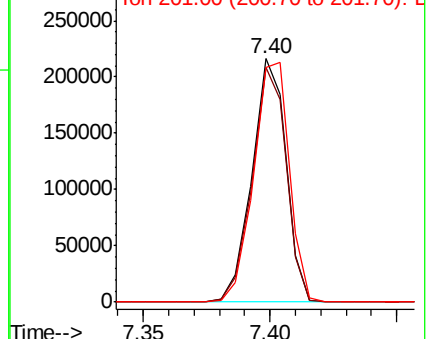


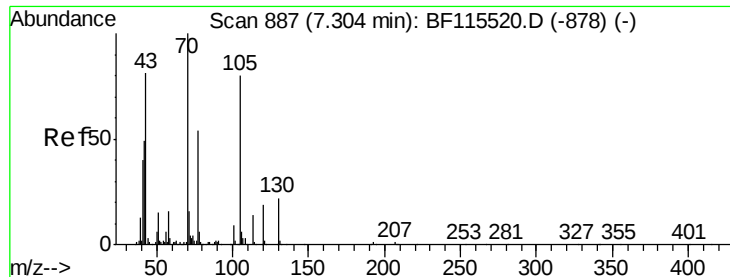
Abundance

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

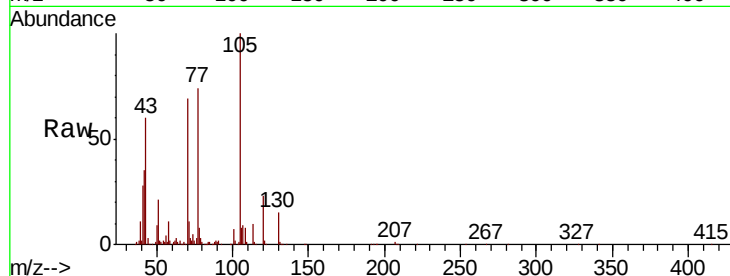




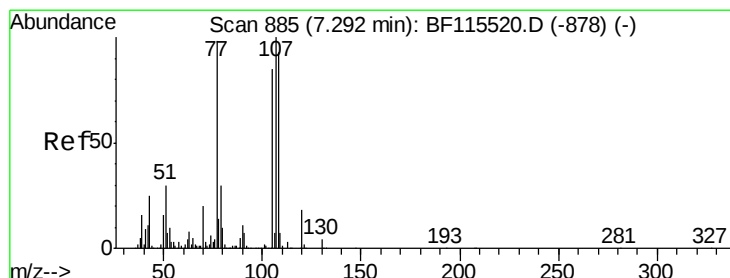
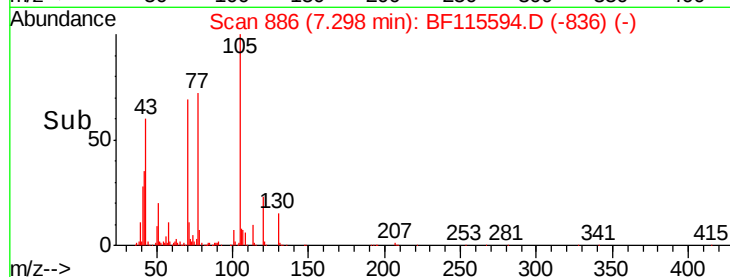
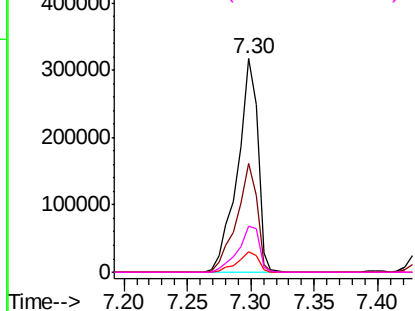
#19
n-Nitroso-di-n-propylamine
Concen: 41.508 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 349674
Ion Ratio Lower Upper
70 100
42 50.7 39.6 59.4
101 9.5 8.1 12.1
130 21.8 18.2 27.2



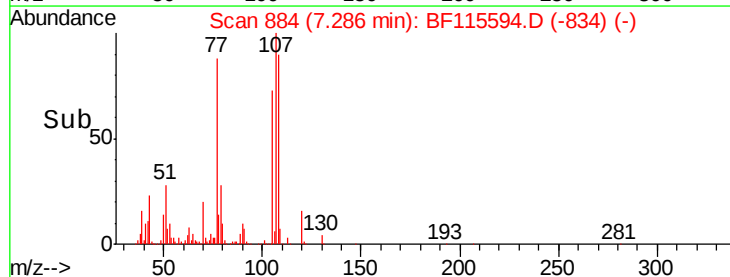
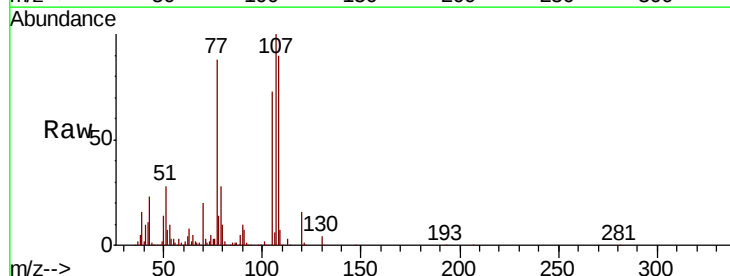
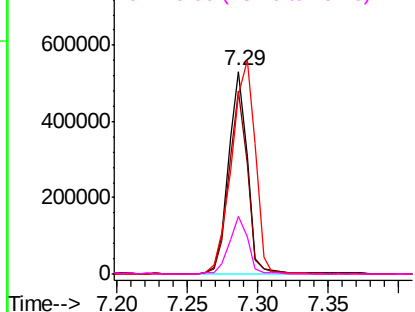
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.982 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 107 Resp: 490987
Ion Ratio Lower Upper
107 100
108 90.5 72.9 112.9
77 88.2 77.6 117.6
79 28.3 10.5 50.5

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

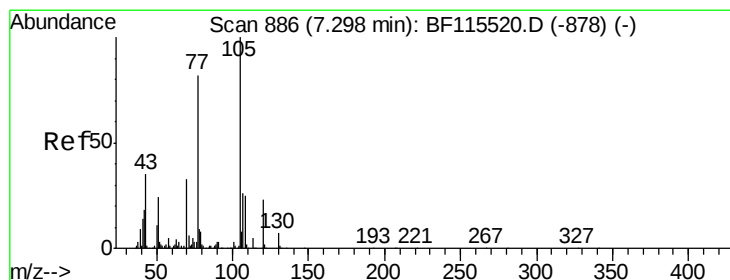
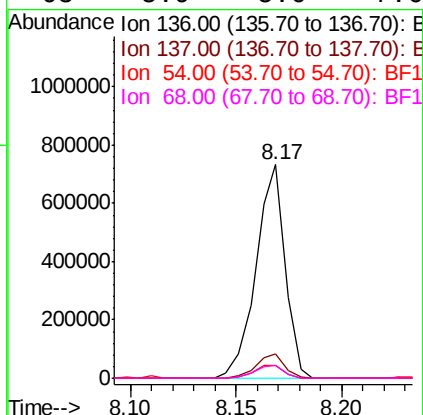
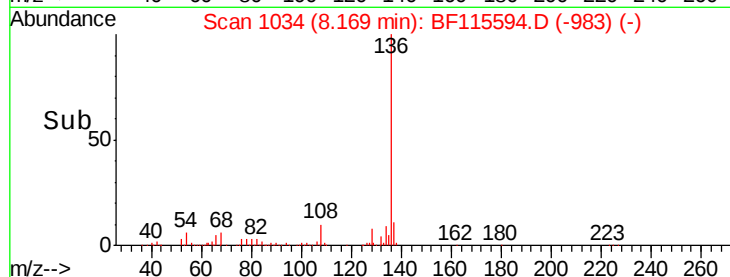
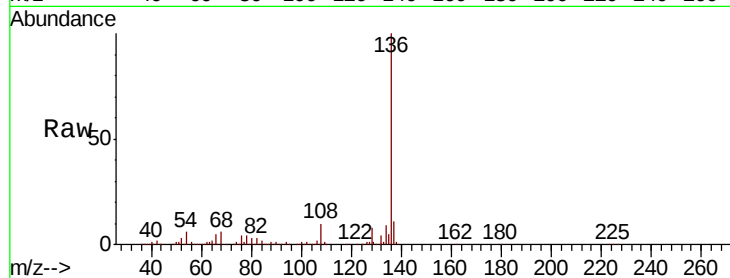




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

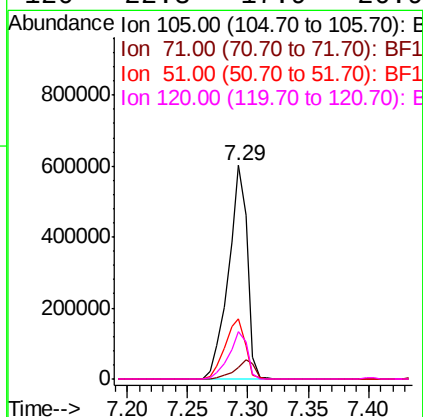
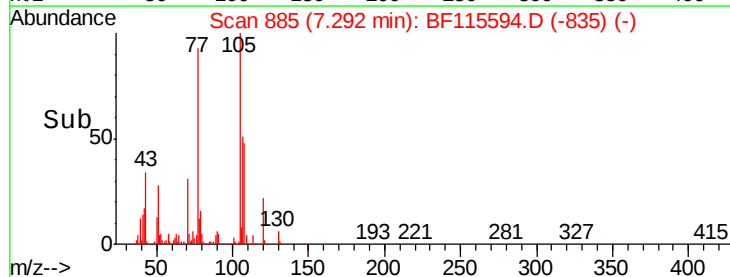
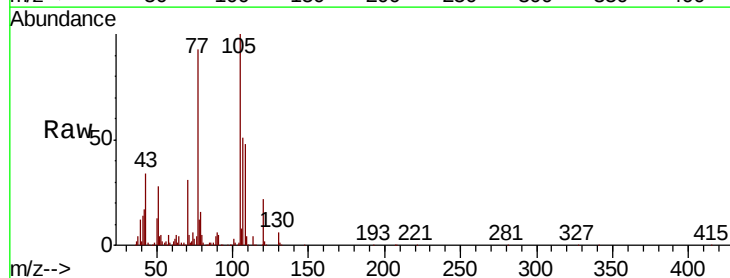
Instrument :
BNA_F
ClientSampleId :

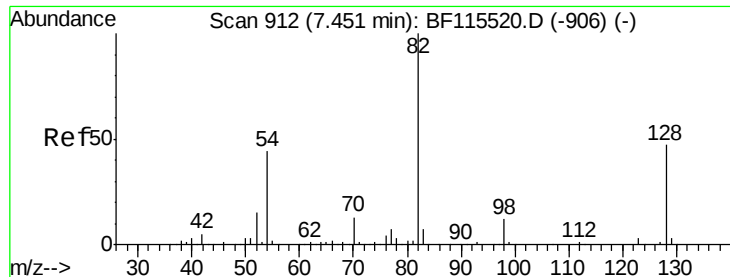
Tot Ion:136	Resp: 701683
Ion Ratio	Lower Upper
136 100	
137 11.1	9.0 13.4
54 6.3	5.6 8.4
68 5.9	5.0 7.6



#22
Acetophenone
Concen: 41.066 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt	Ion:105	Resp:	650980
Ion	Ratio	Lower	Upper
105	100		
71	5.4	3.5	5.3#
51	28.0	25.6	38.4
120	22.3	17.9	26.9

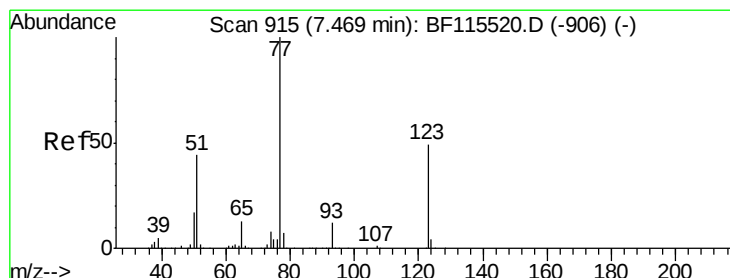
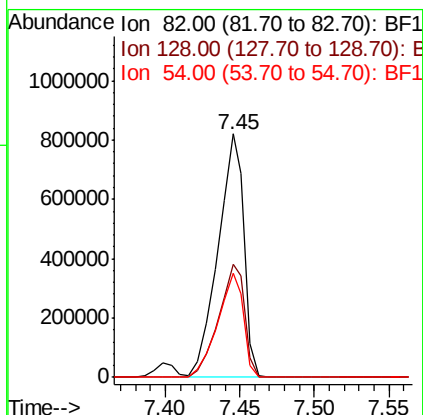
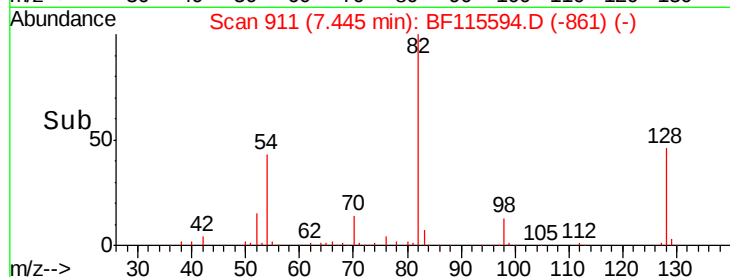
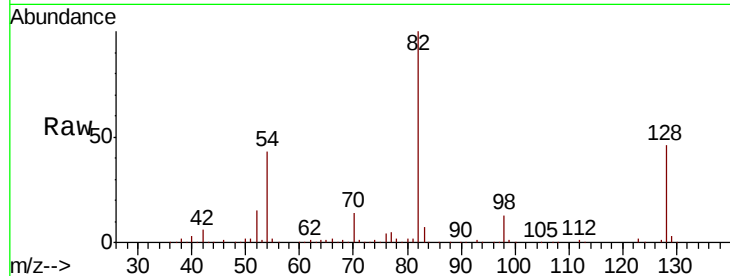




#23
 Nitrobenzene-d5
 Concen: 82.619 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

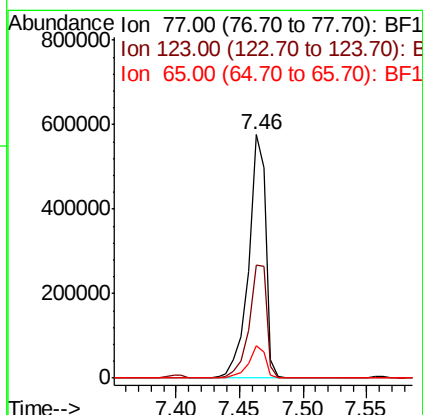
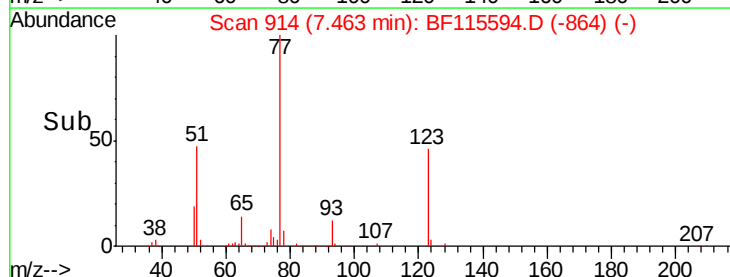
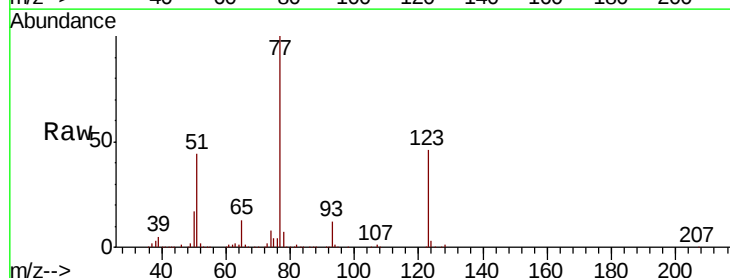
Instrument :
 BNA_F
 ClientSampled :

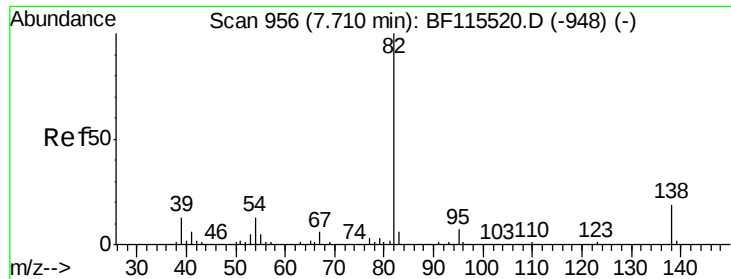
Tot Ion: 82 Resp: 997008
 Ion Ratio Lower Upper
 82 100
 128 46.5 38.6 57.8
 54 43.0 35.6 53.4



#24
 Nitrobenzene
 Concen: 41.464 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion: 77 Resp: 539688
 Ion Ratio Lower Upper
 77 100
 123 46.3 40.0 60.0
 65 13.3 11.0 16.4

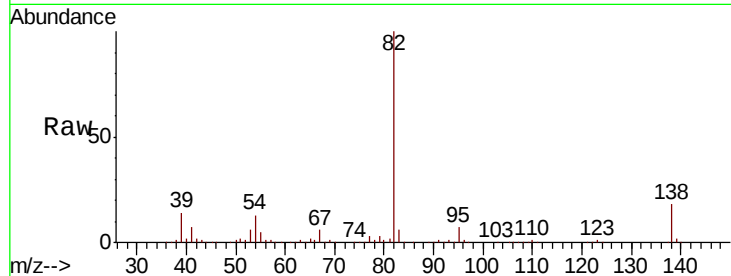




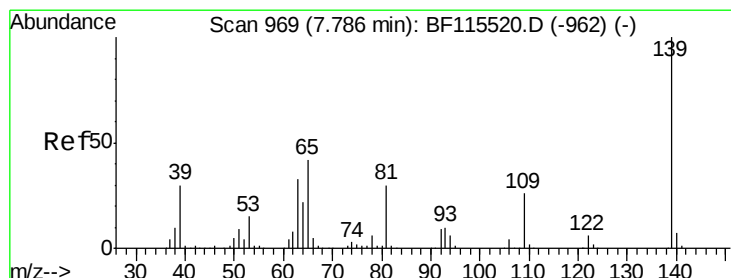
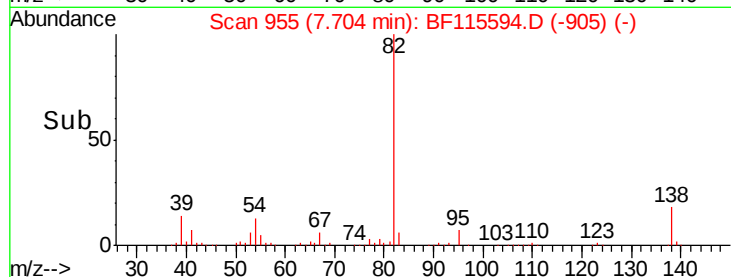
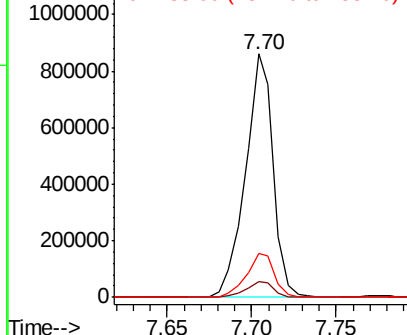
#25
Isophorone
Concen: 40.809 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 985414
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.9 14.9 22.3

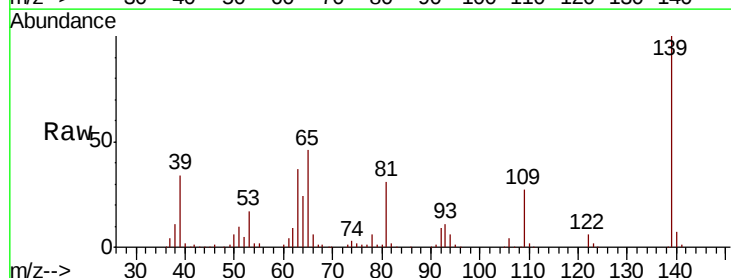


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

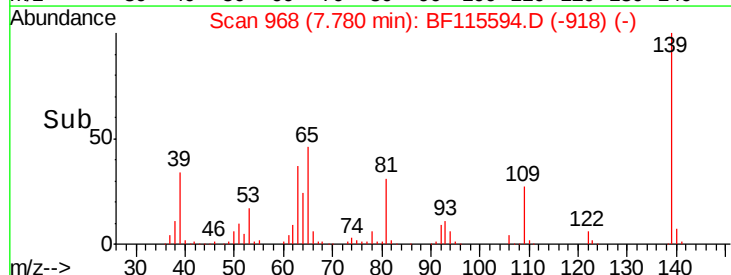
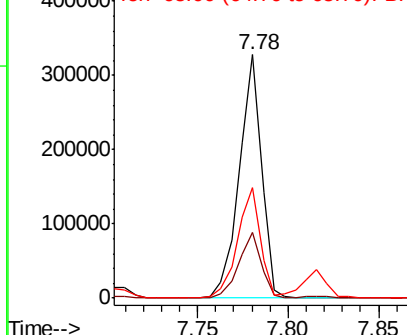


#26
2-Nitrophenol
Concen: 42.057 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 139 Resp: 281759
Ion Ratio Lower Upper
139 100
109 27.1 23.3 34.9
65 45.6 37.9 56.9



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

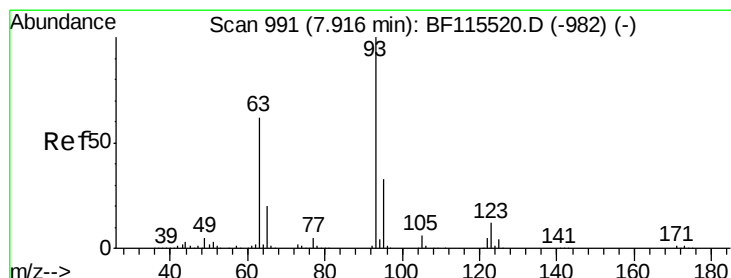
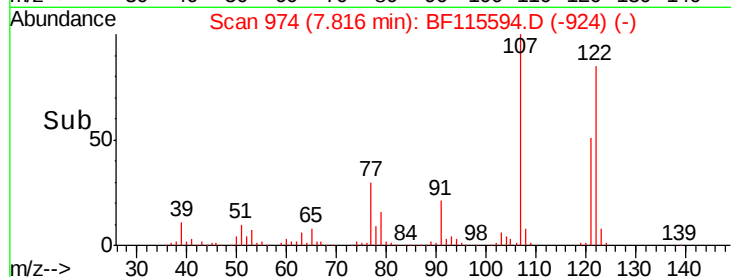
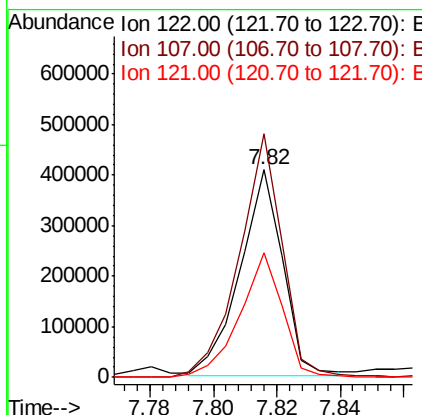
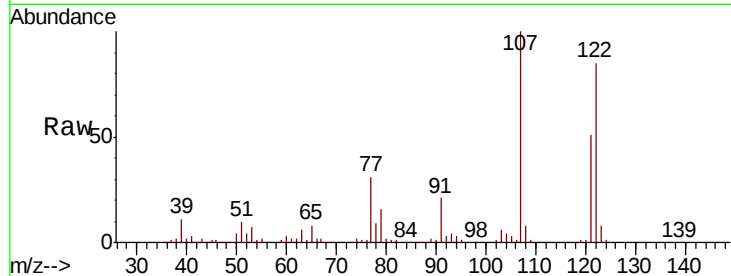




#27
2,4-Dimethylphenol
Concen: 38.065 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

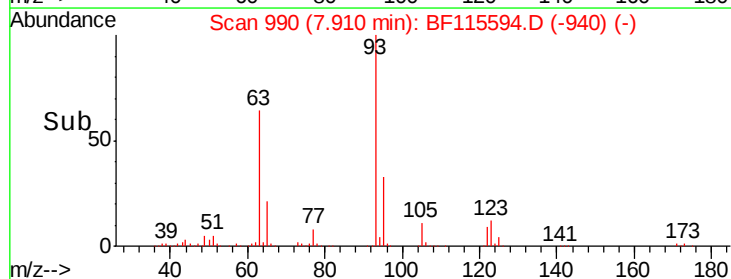
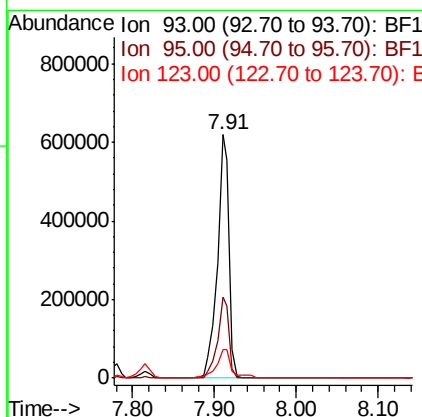
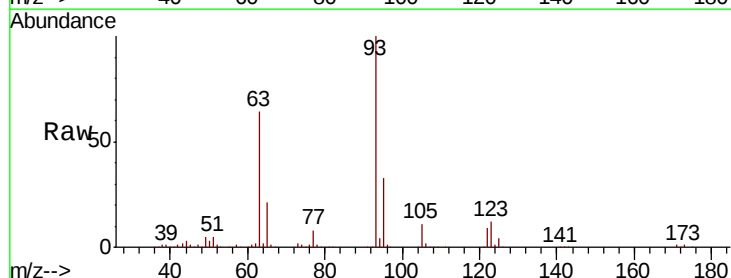
Instrument :
BNA_F
ClientSampleId :

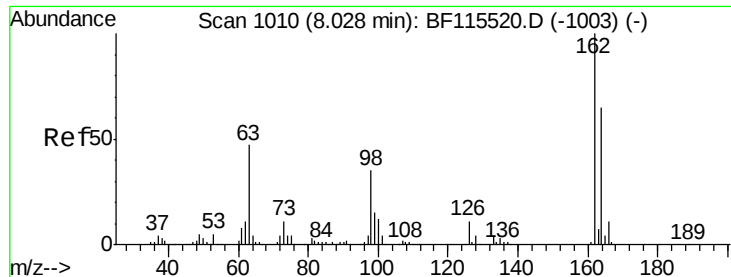
Tot Ion:122 Resp: 381567
Ion Ratio Lower Upper
122 100
107 117.2 92.9 139.3
121 60.3 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.845 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 93 Resp: 619889
Ion Ratio Lower Upper
93 100
95 33.2 27.0 40.4
123 12.0 9.9 14.9

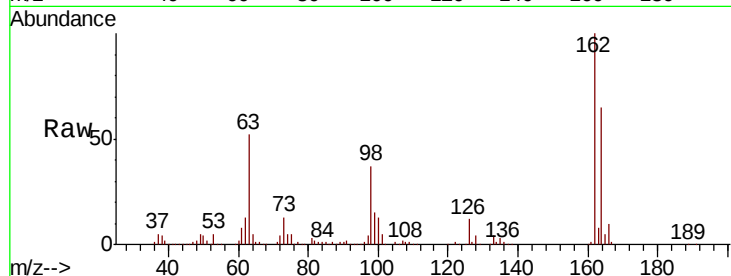




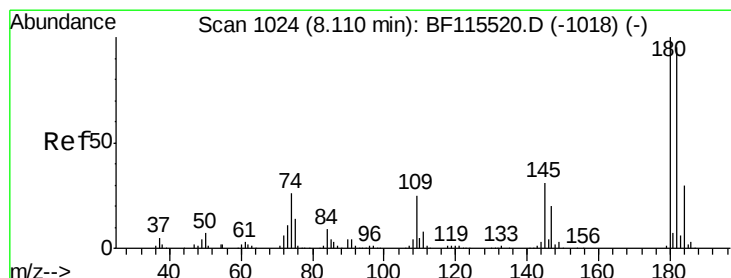
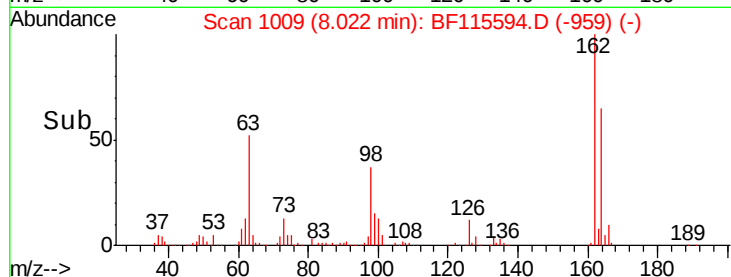
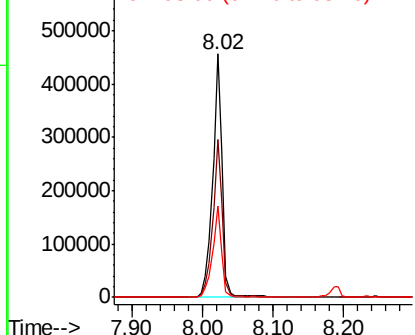
#29
2,4-Dichlorophenol
Concen: 41.587 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 433540
Ion Ratio Lower Upper
162 100
164 64.7 44.9 84.9
98 37.3 17.7 57.7

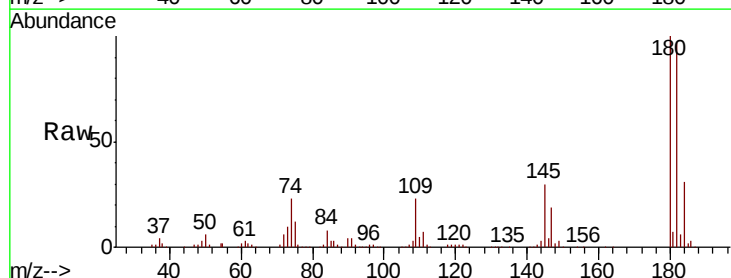


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

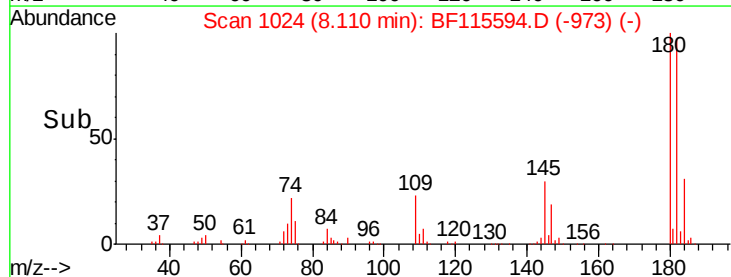
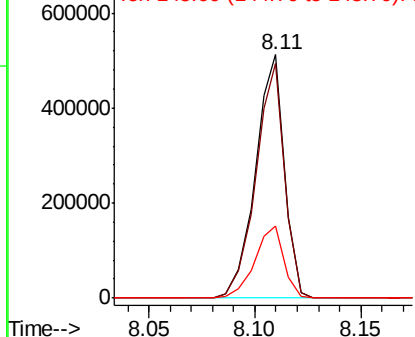


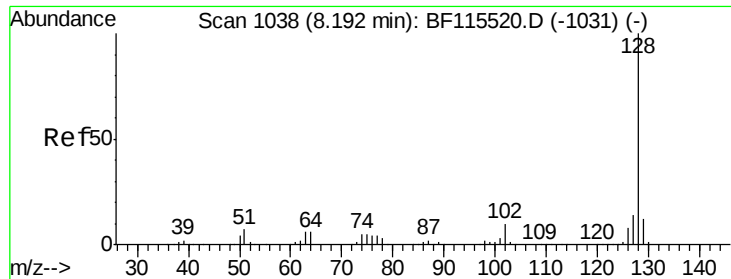
#30
1,2,4-Trichlorobenzene
Concen: 41.380 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:180 Resp: 487622
Ion Ratio Lower Upper
180 100
182 96.5 75.0 112.6
145 29.7 25.1 37.7



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

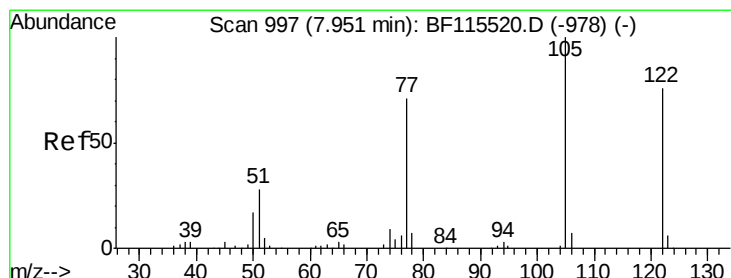
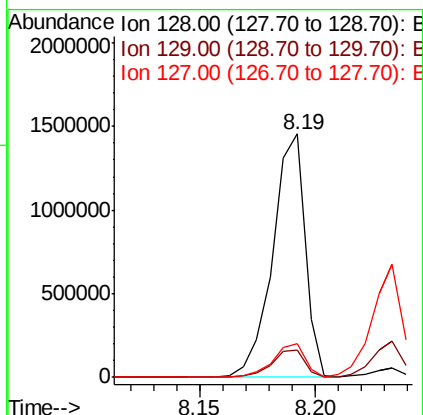
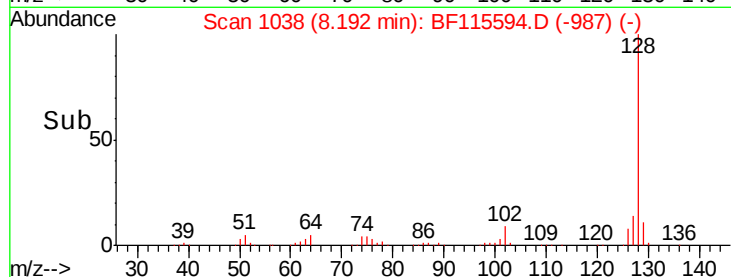
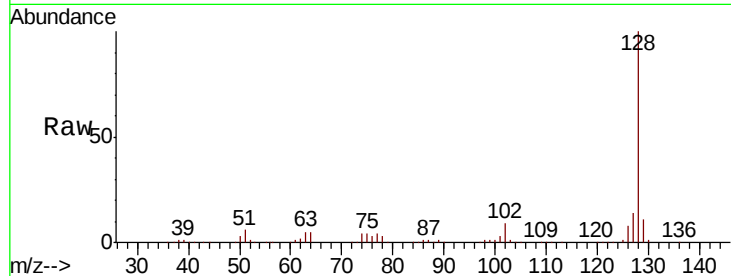




#31
Naphthalene
Concen: 41.815 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

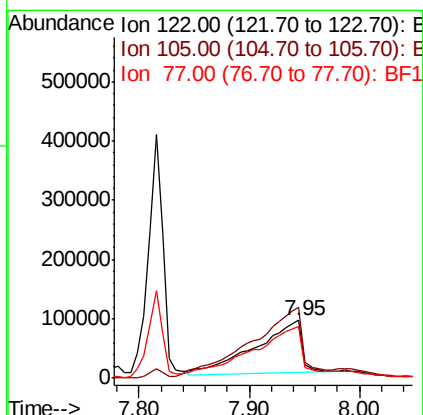
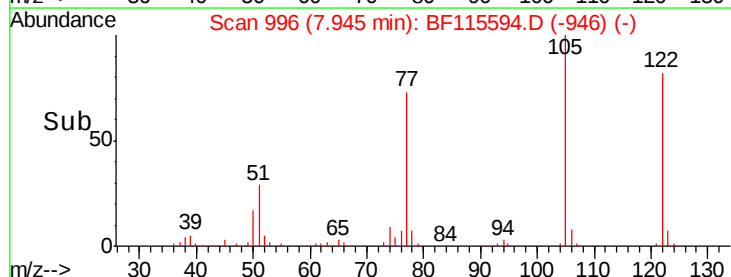
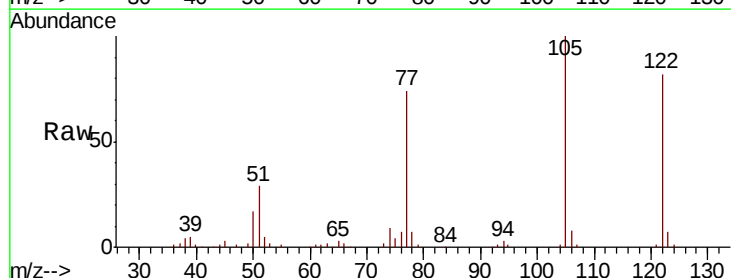
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1420995
Ion Ratio Lower Upper
128 100
129 11.4 9.9 14.9
127 13.7 12.1 18.1



#32
Benzoic acid
Concen: 31.537 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:122 Resp: 259435
Ion Ratio Lower Upper
122 100
105 122.0 102.5 142.5
77 90.1 70.2 110.2

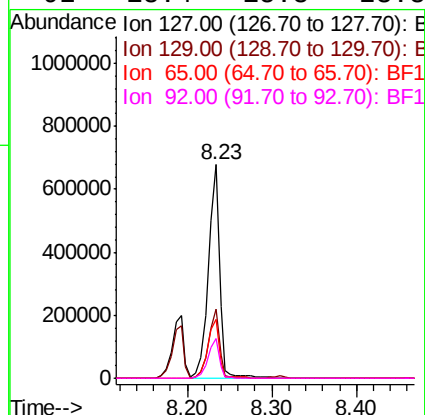
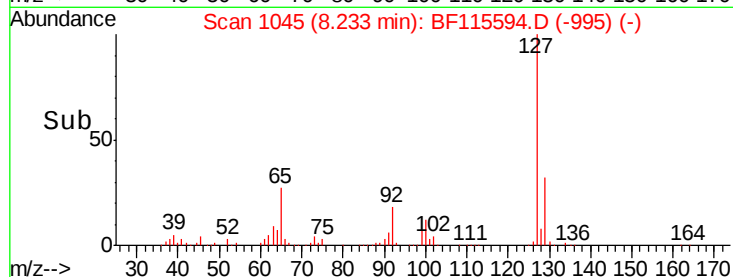
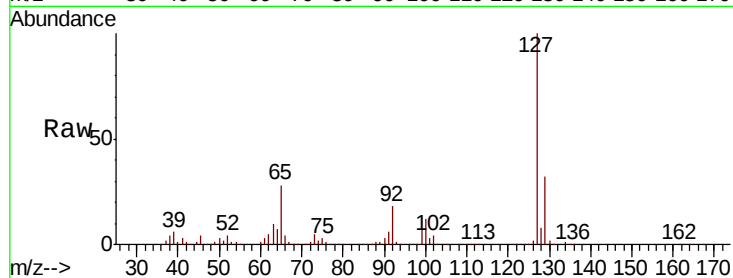




#33
4-Chloroaniline
Concen: 41.696 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

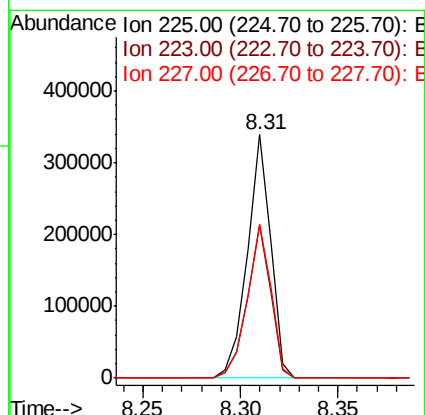
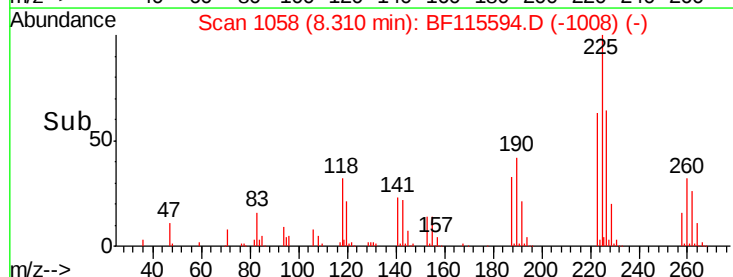
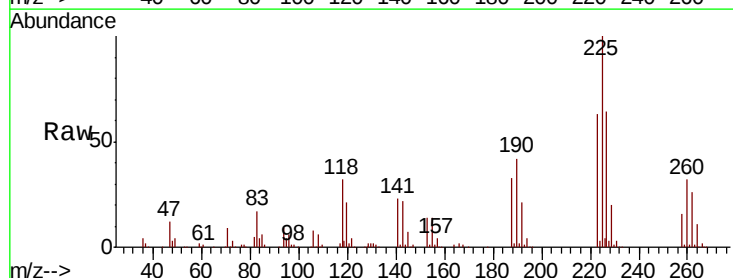
Instrument :
BNA_F
ClientSampleId :

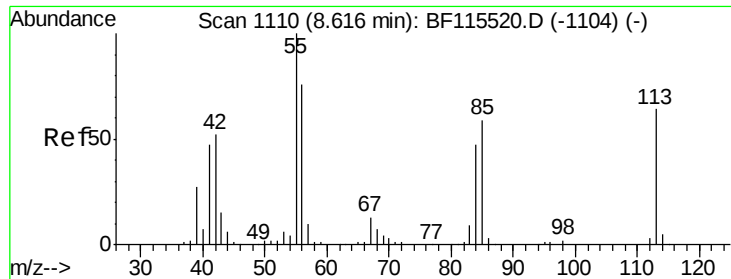
Tot Ion:	127	Resp:	627637
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	27.7	23.7	35.5
92	18.4	15.8	23.8



#34
Hexachlorobutadiene
Concen: 41.758 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:	225	Resp:	282186
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	63.5	50.7	76.1

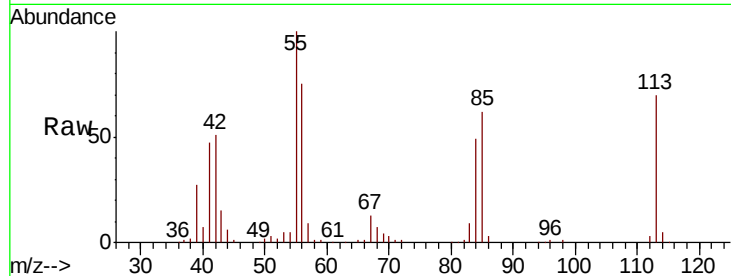




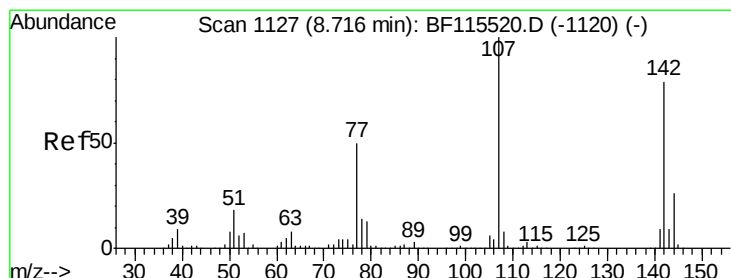
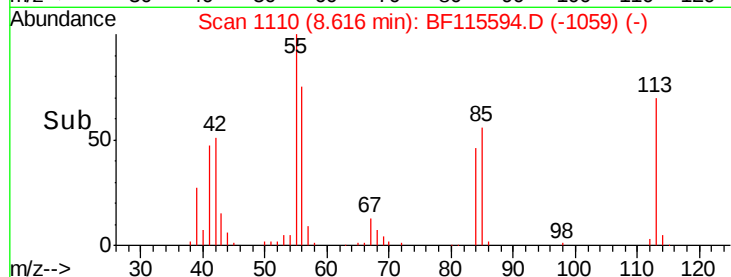
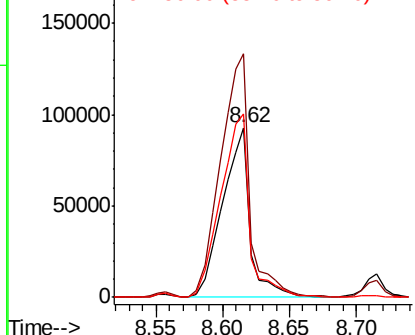
#35
 Caprolactam
 Concen: 41.732 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 134436
 Ion Ratio Lower Upper
 113 100
 55 143.3 126.9 166.9
 56 108.1 90.3 130.3

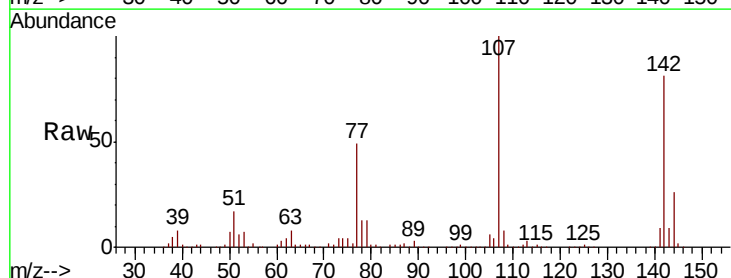


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

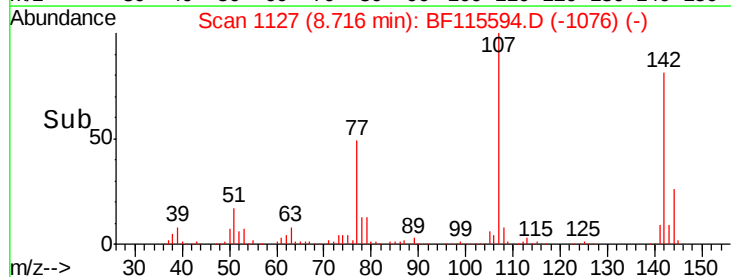
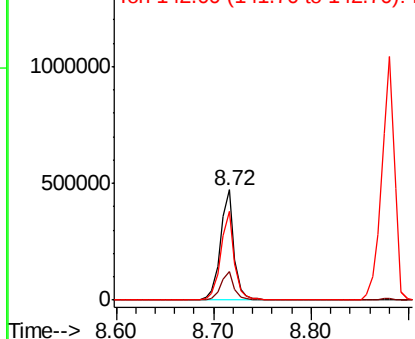


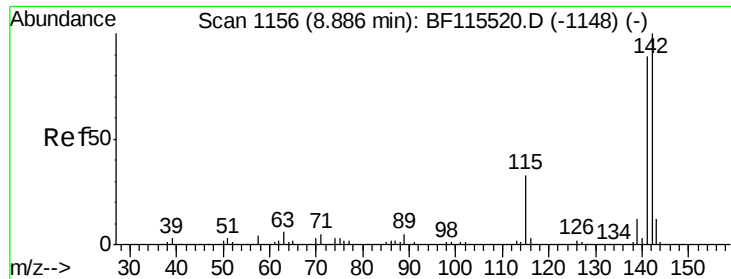
#36
 4-Chloro-3-methylphenol
 Concen: 42.434 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion:107 Resp: 458877
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.6 30.8
 142 80.6 63.1 94.7



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

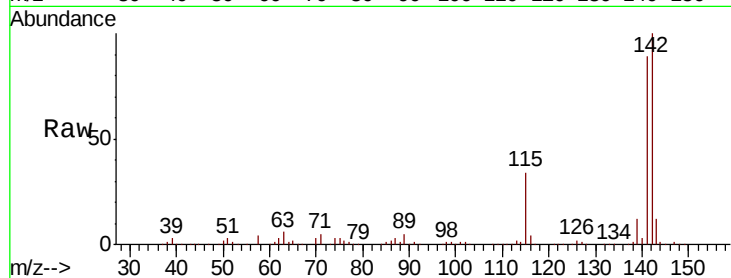




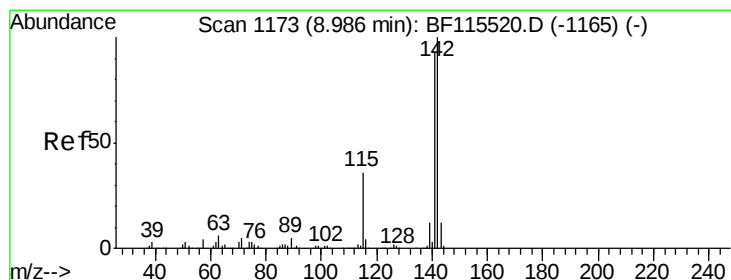
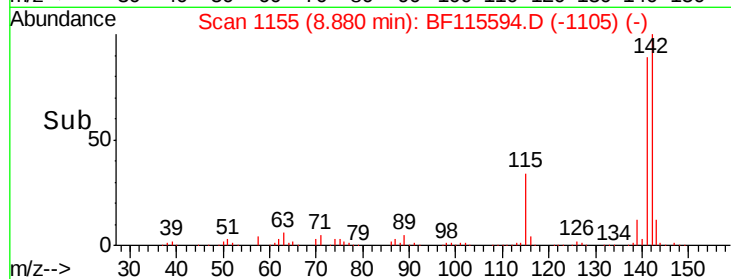
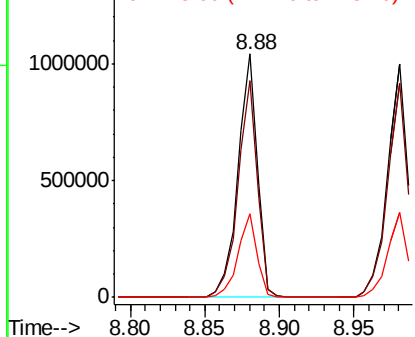
#37
2-Methylnaphthalene
Concen: 42.254 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.0	108.0
115	34.2	29.9	44.9

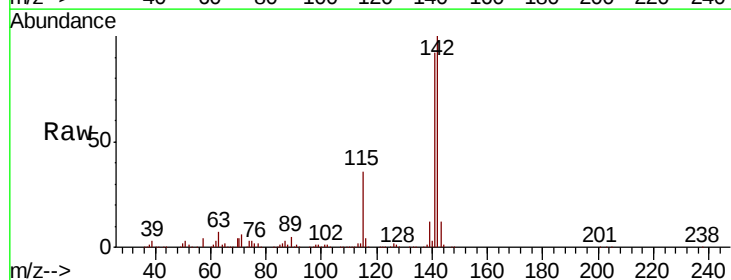


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

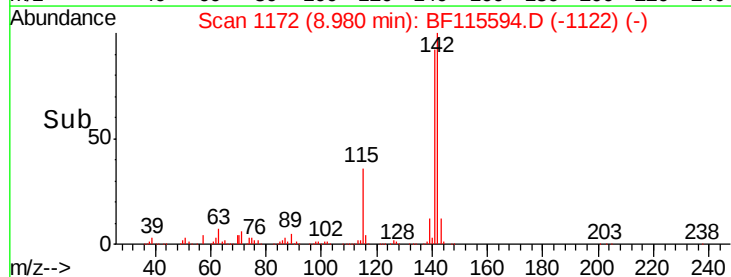
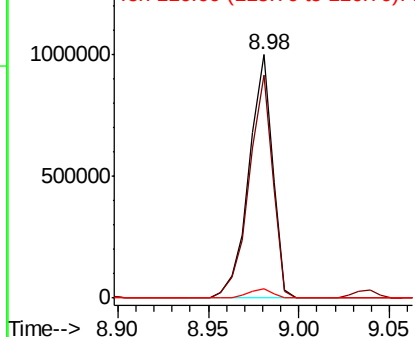


#38
1-Methylnaphthalene
Concen: 42.359 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.3	112.9
116	3.9	3.3	4.9



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

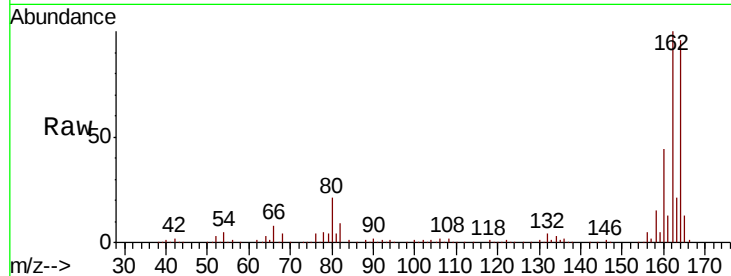




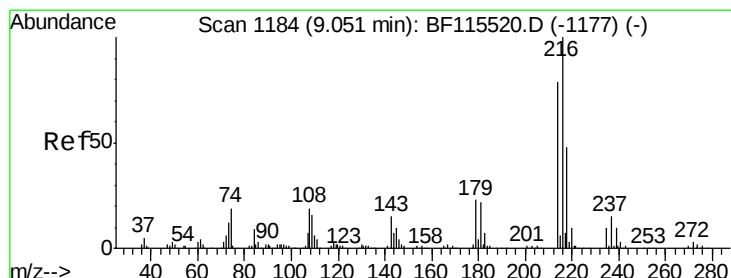
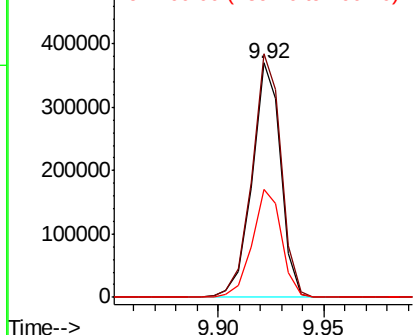
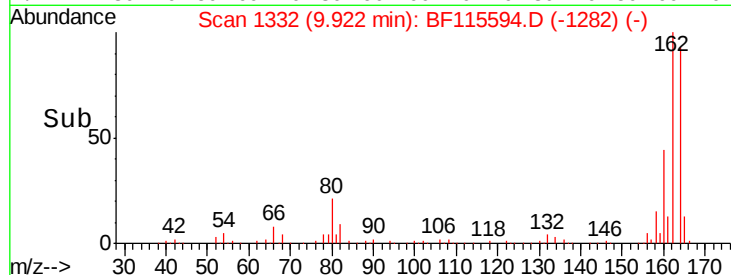
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 347252
Ion Ratio Lower Upper
164 100
162 104.0 82.9 124.3
160 46.0 36.8 55.2

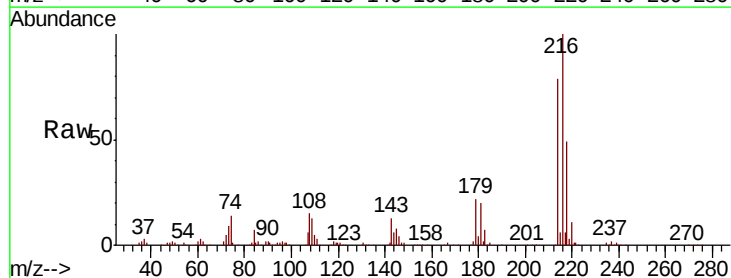


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

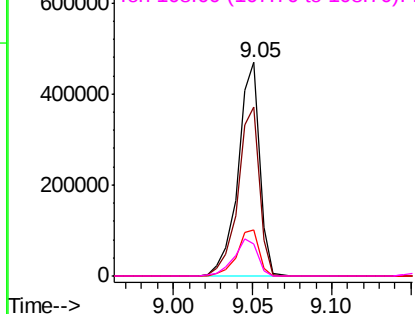
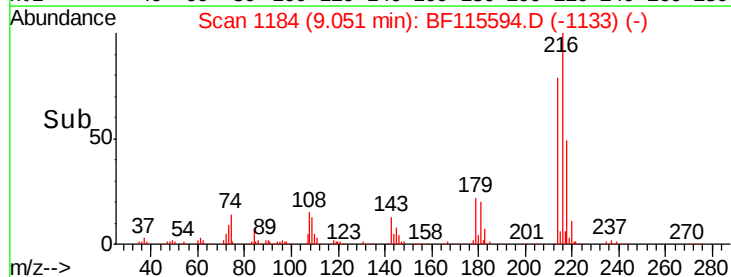


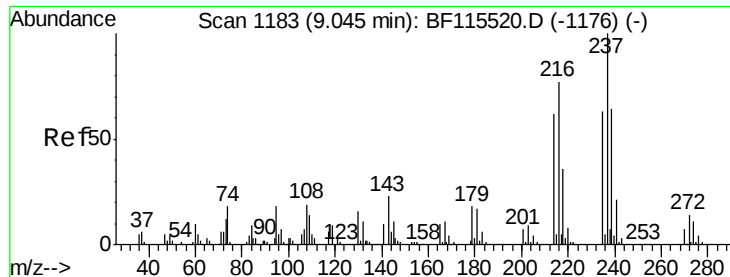
#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.015 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:216 Resp: 439348
Ion Ratio Lower Upper
216 100
214 79.4 65.1 97.7
179 22.1 18.3 27.5
108 19.1 15.7 23.5



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: 41.279 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

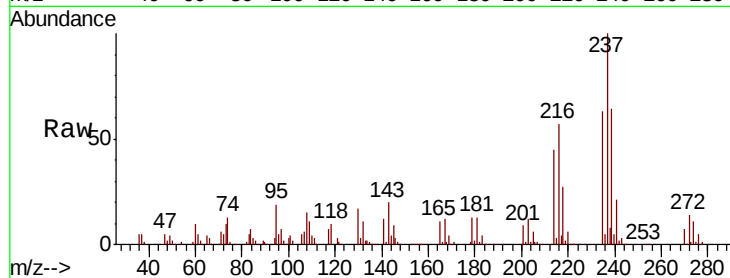
Tot Ion:237 Resp: 246232

Ion Ratio Lower Upper

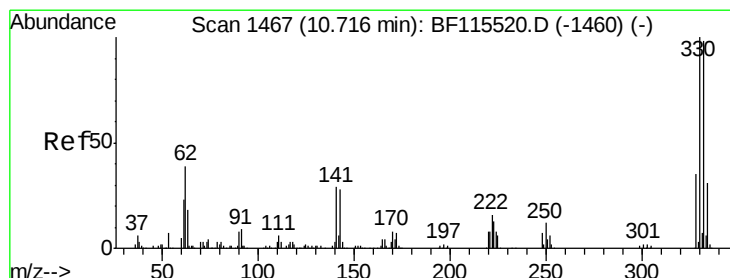
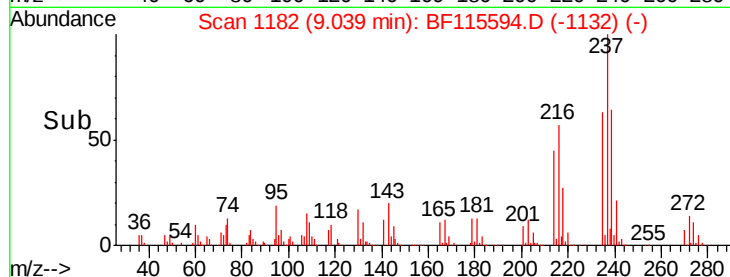
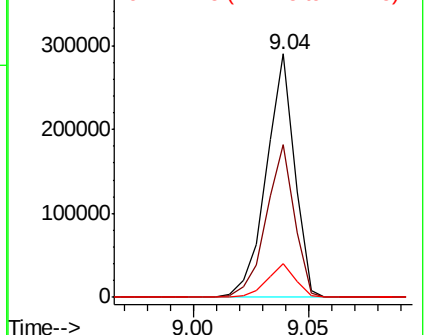
237 100

235 62.9 43.6 83.6

272 13.6 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 89.488 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

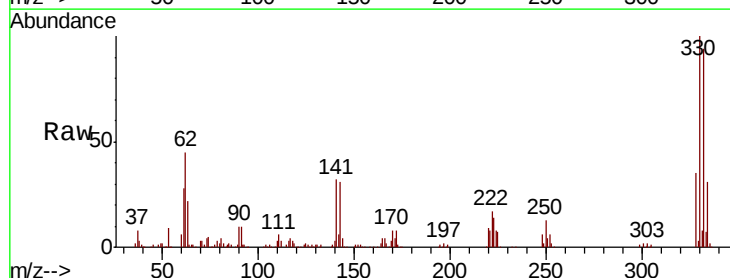
Tgt Ion:330 Resp: 362719

Ion Ratio Lower Upper

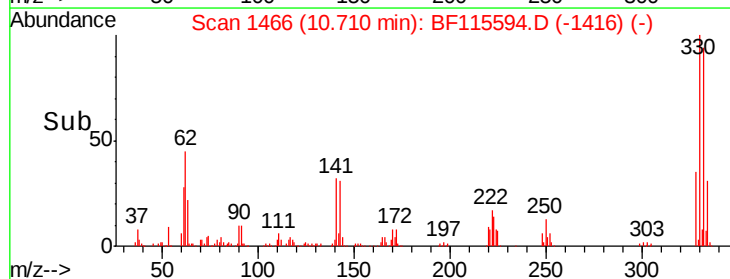
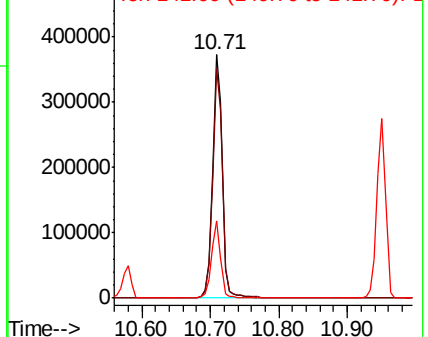
330 100

332 95.4 77.4 116.2

141 30.7 22.4 33.6



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

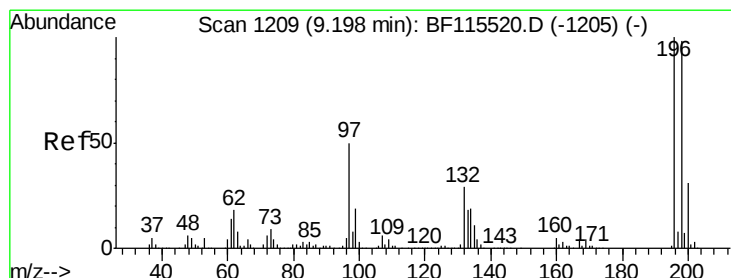
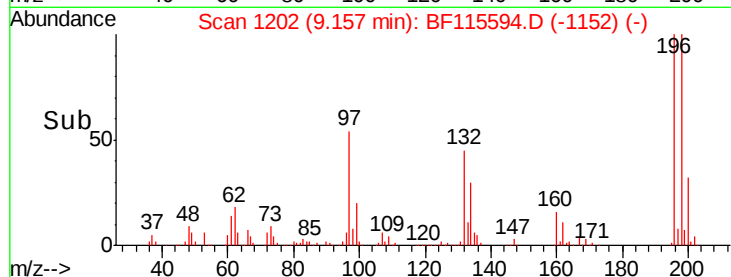
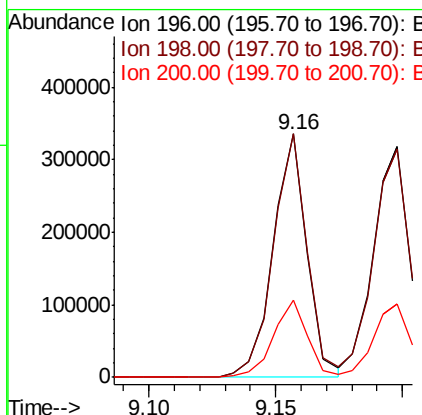
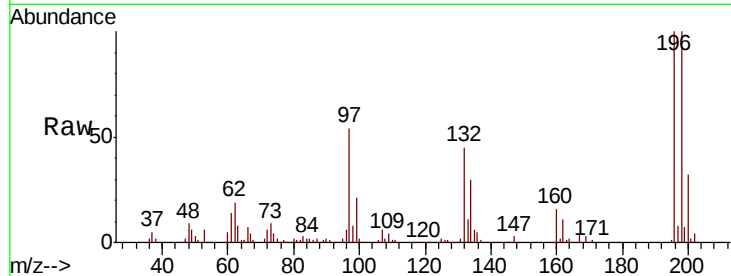




#43
 2,4,6-Trichlorophenol
 Concen: 41.092 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

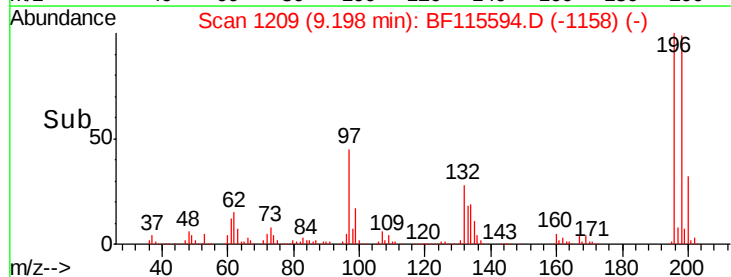
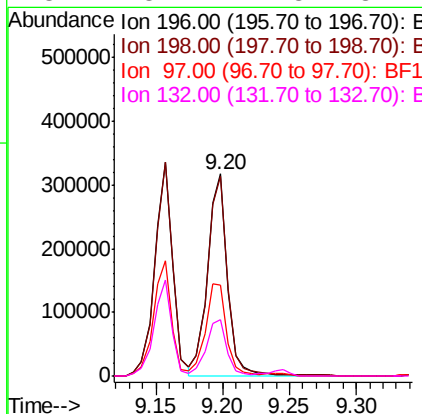
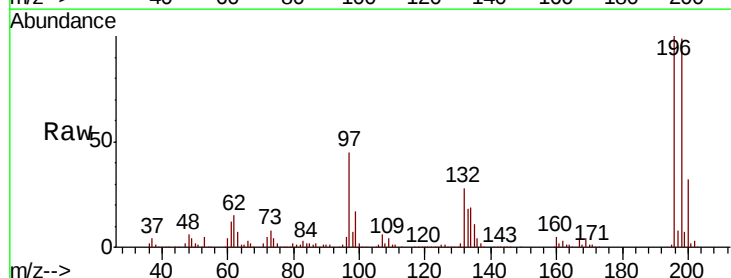
Instrument :
 BNA_F
 ClientSampled :

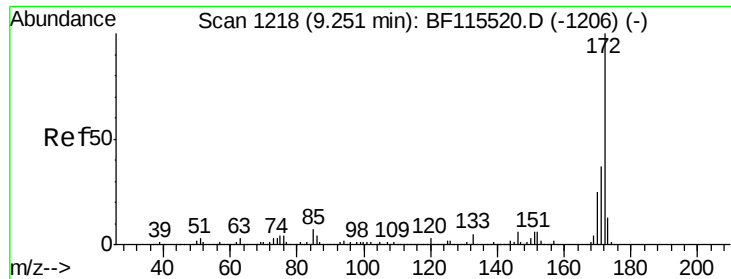
Tot Ion	196	Resp	314233
Ion Ratio	Lower	Upper	
196	100		
198	100.0	80.6	121.0
200	32.0	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.106 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion	196	Resp	329749
Ion Ratio	Lower	Upper	
196	100		
198	98.9	79.6	119.4
97	45.1	37.8	56.6
132	28.1	22.8	34.2

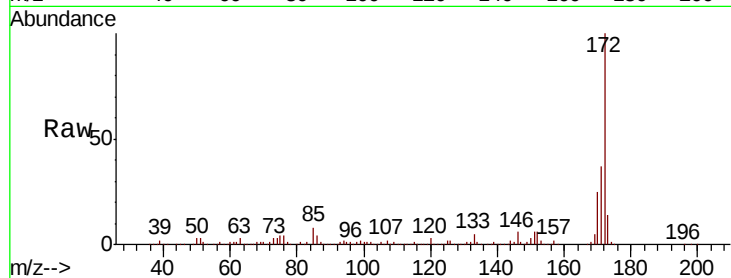




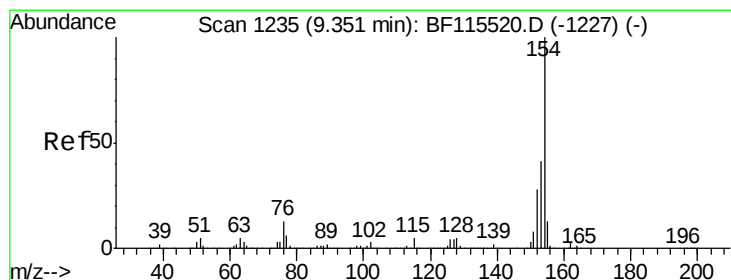
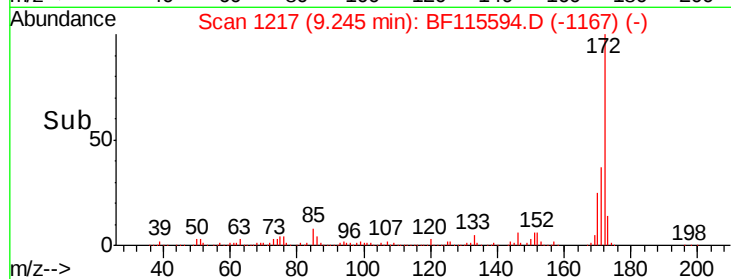
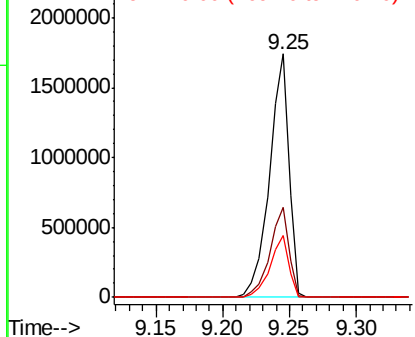
#45
2-Fluorobiphenyl
Concen: 88.975 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1765245
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.3 20.5 30.7

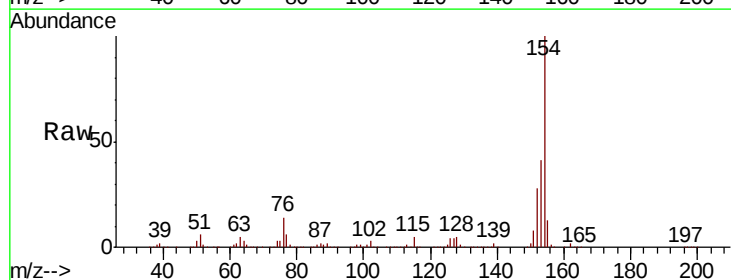


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

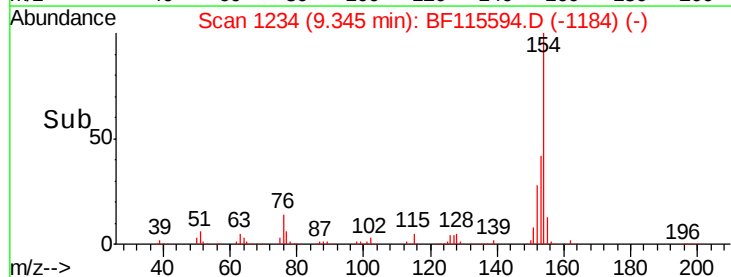
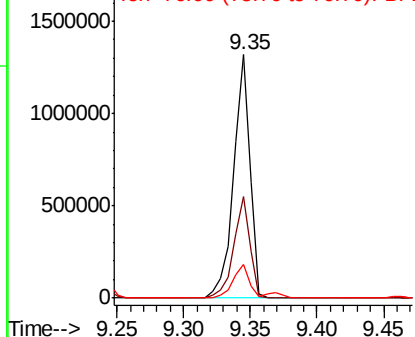


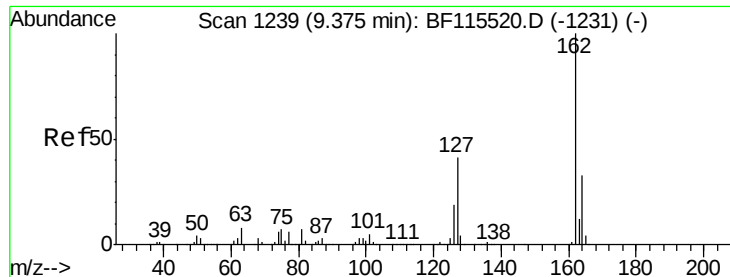
#46
1,1'-Biphenyl
Concen: 42.289 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:154 Resp: 1148041
Ion Ratio Lower Upper
154 100
153 41.5 22.6 62.6
76 13.8 0.0 33.4



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

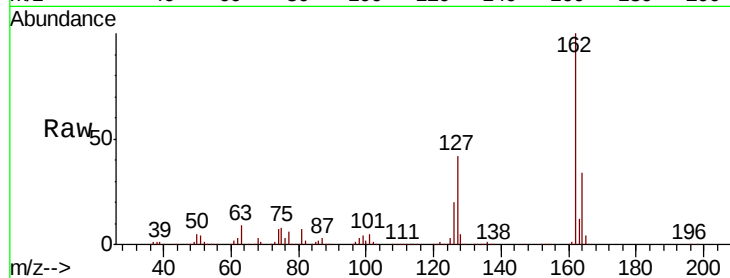




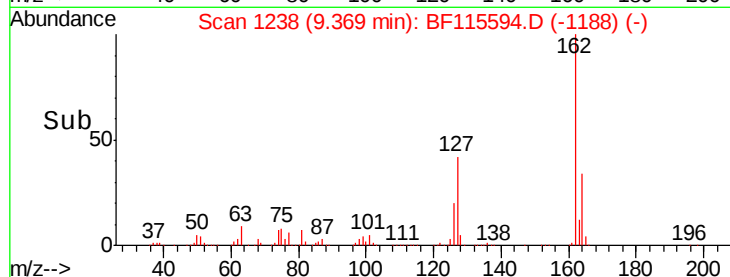
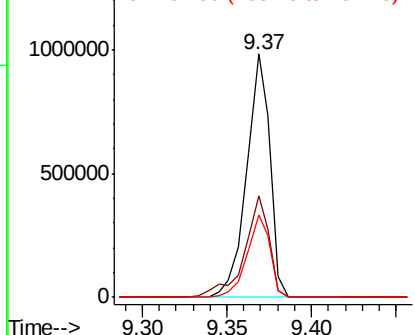
#47
2-Chloronaphthalene
Concen: 42.197 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 953860
Ion Ratio Lower Upper
162 100
127 41.7 34.1 51.1
164 33.8 27.4 41.2

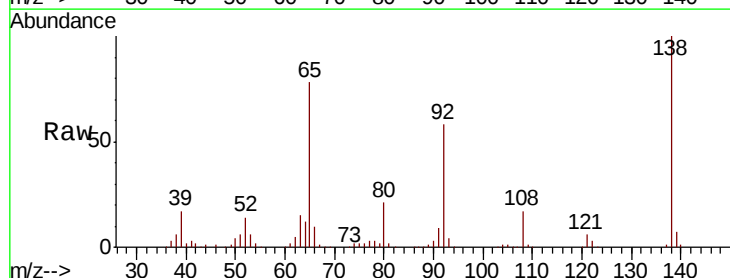


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

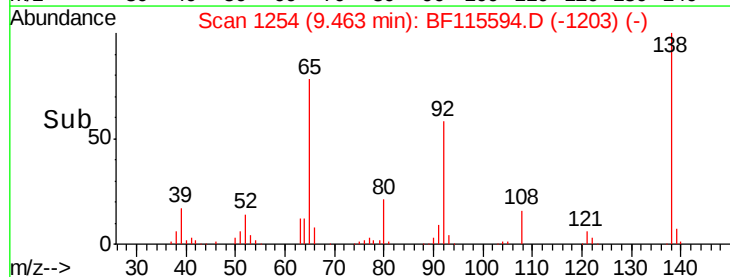
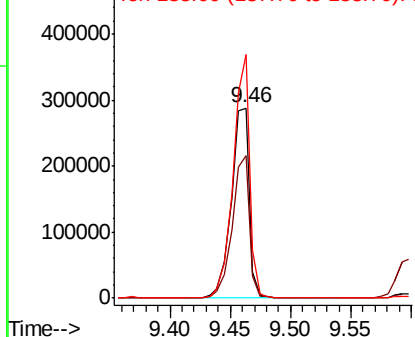


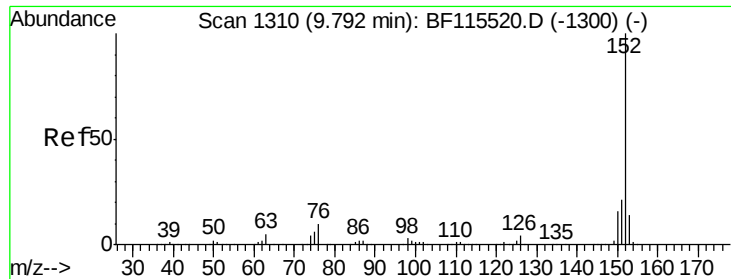
#48
2-Nitroaniline
Concen: 42.848 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 65 Resp: 299787
Ion Ratio Lower Upper
65 100
92 74.8 57.8 86.6
138 128.0 91.2 136.8



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: 42.352 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

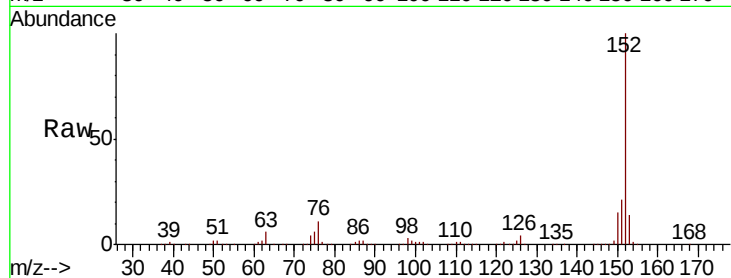
Tot Ion:152 Resp: 1418554

Ion Ratio Lower Upper

152 100

151 21.0 17.7 26.5

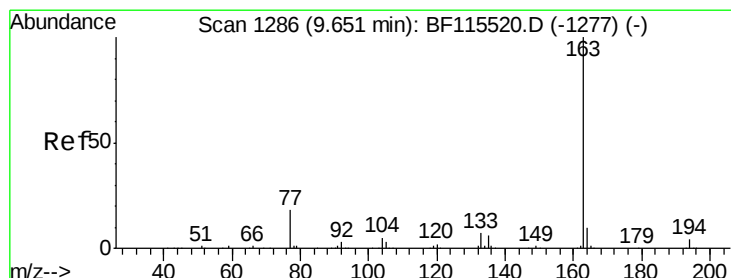
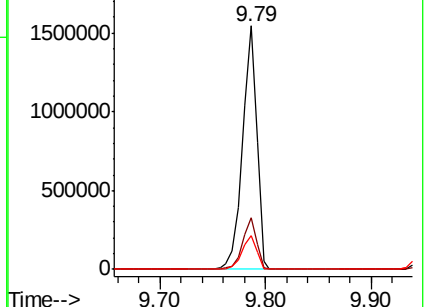
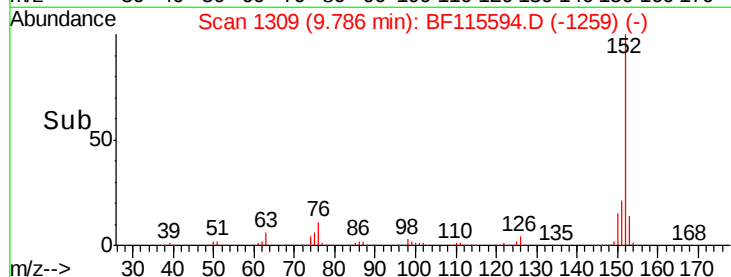
153 14.1 12.0 18.0



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: 42.322 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

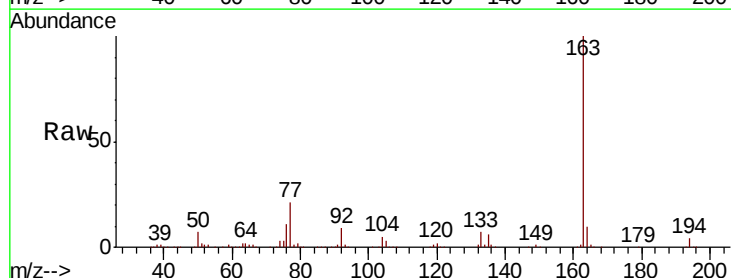
Tgt Ion:163 Resp: 1105712

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

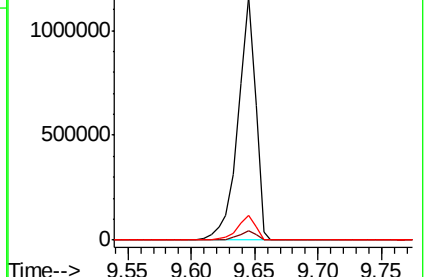
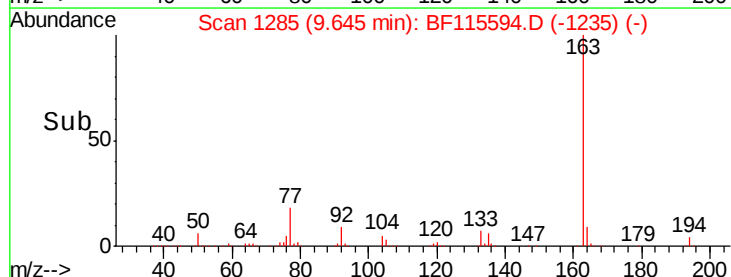
164 10.4 8.7 13.1

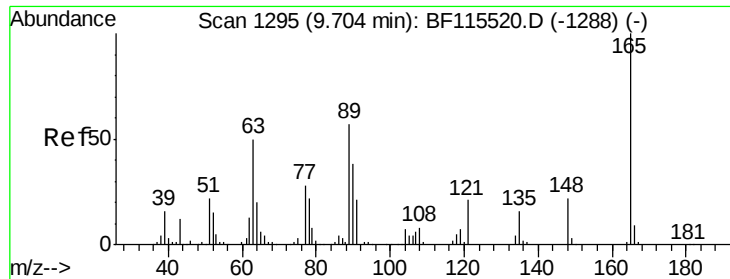


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

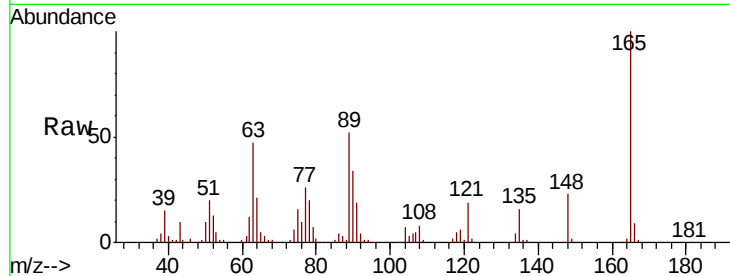




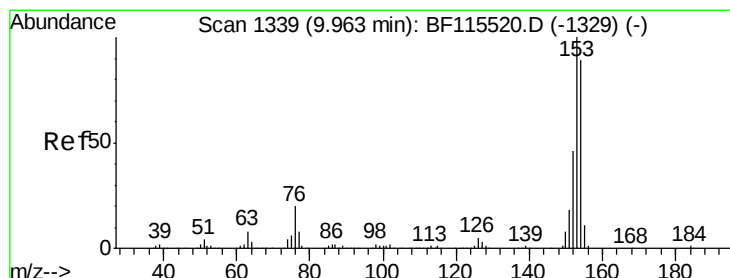
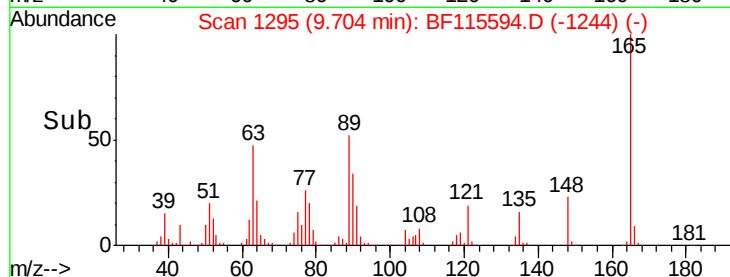
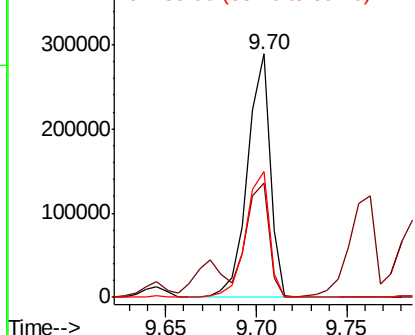
#51
 2,6-Dinitrotoluene
 Concen: 42.294 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	40.6	61.0
89	51.8	43.9	65.9

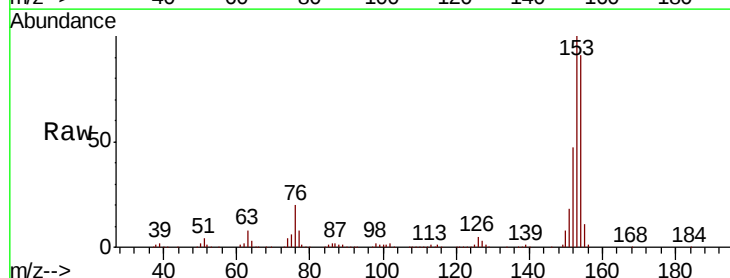


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

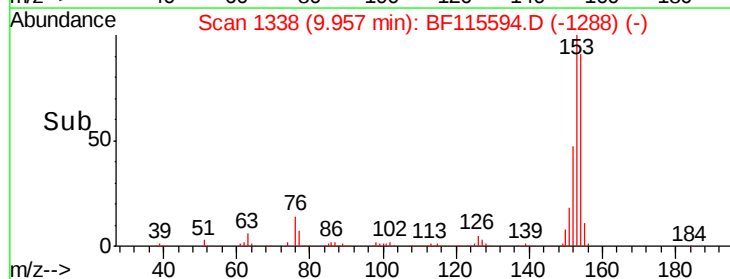
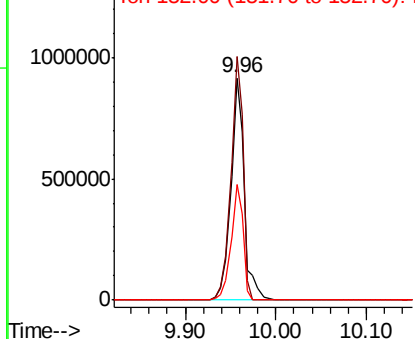


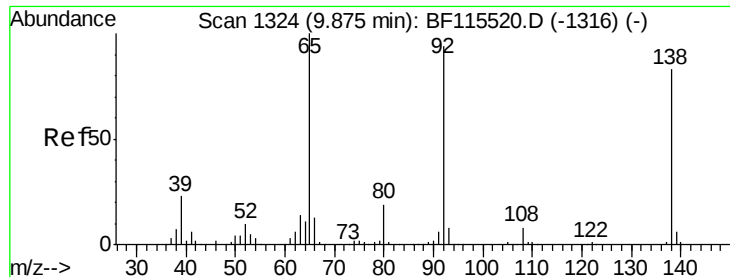
#52
 Acenaphthene
 Concen: 43.251 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	88.6	133.0
152	51.8	42.3	63.5



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

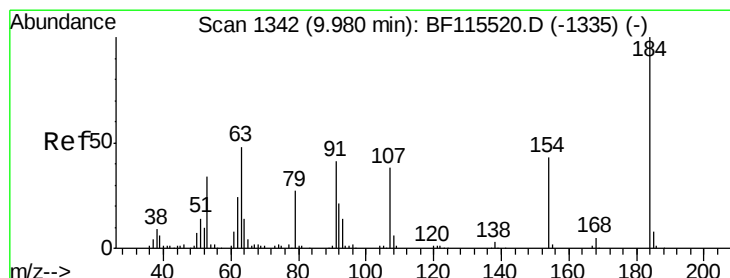
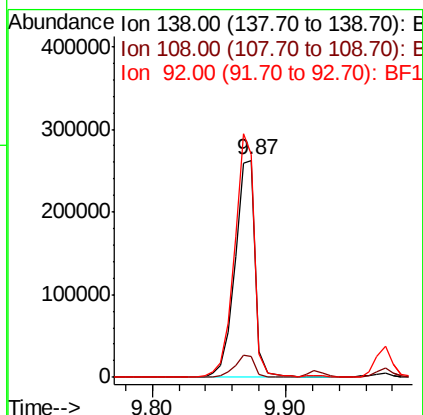
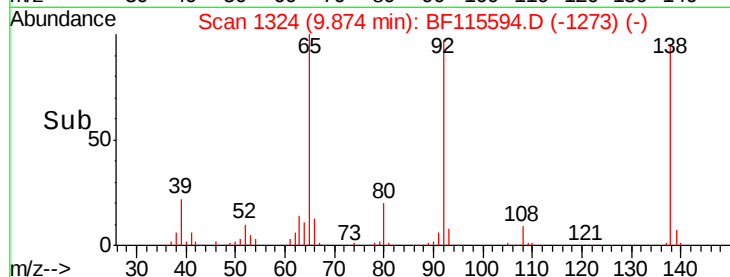
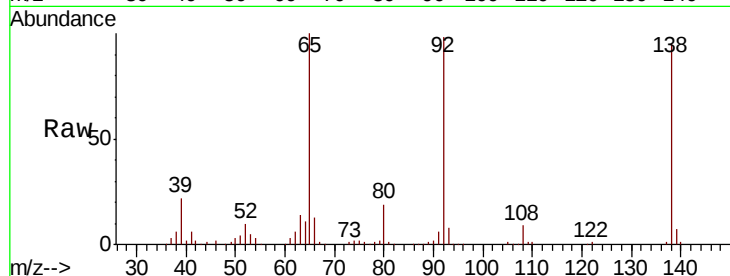




#53
 3-Nitroaniline
 Concen: 41.079 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

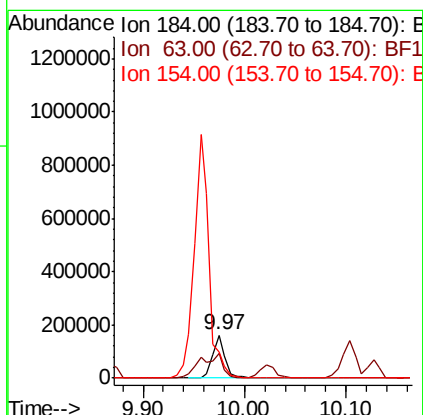
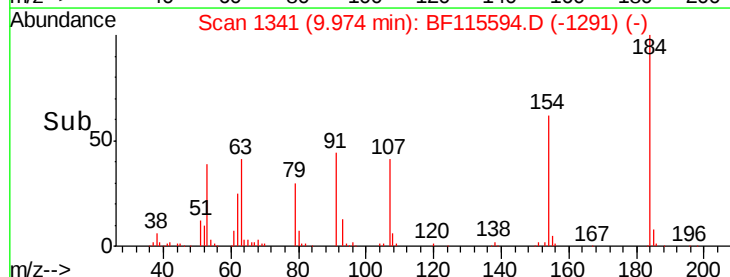
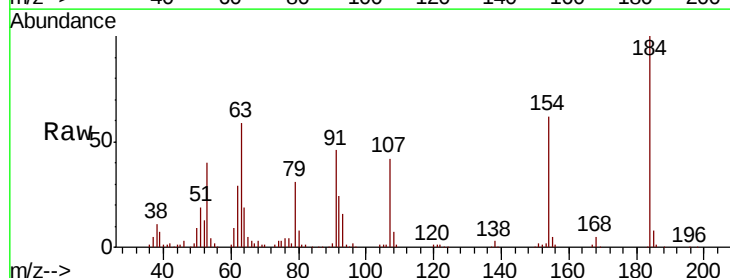
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 278722
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.4 12.6
 92 102.9 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 45.482 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion:184 Resp: 138645
 Ion Ratio Lower Upper
 184 100
 63 58.5 48.7 73.1
 154 62.1 48.6 73.0





#55

Dibenzenofuran

Concen: 41.341 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

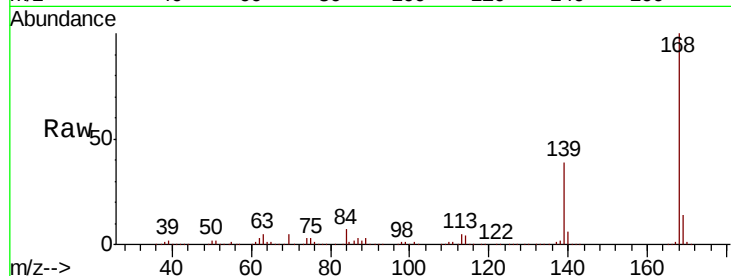
Tot Ion:168 Resp: 1269554

Ion Ratio Lower Upper

168 100

139 39.2 31.1 46.7

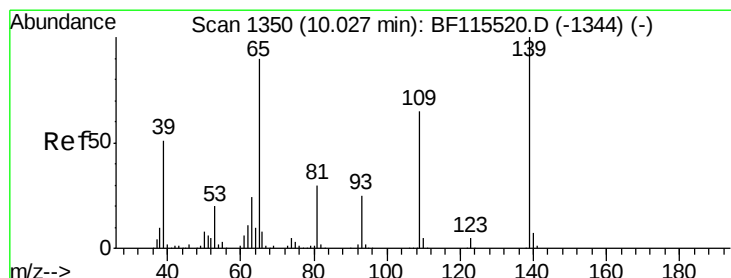
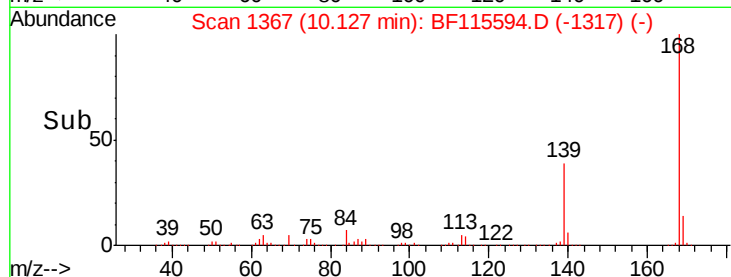
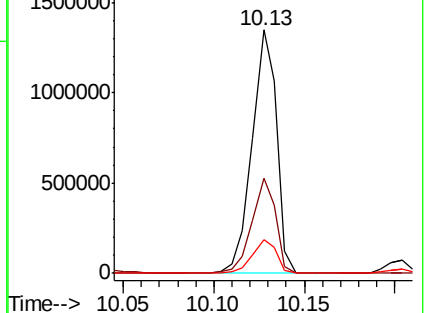
169 14.1 11.1 16.7



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: 41.689 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

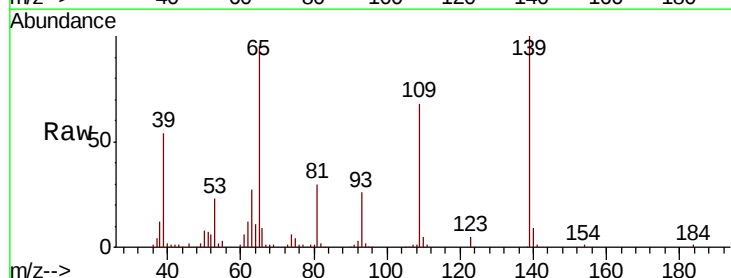
Tgt Ion:139 Resp: 215691

Ion Ratio Lower Upper

139 100

109 68.5 46.4 86.4

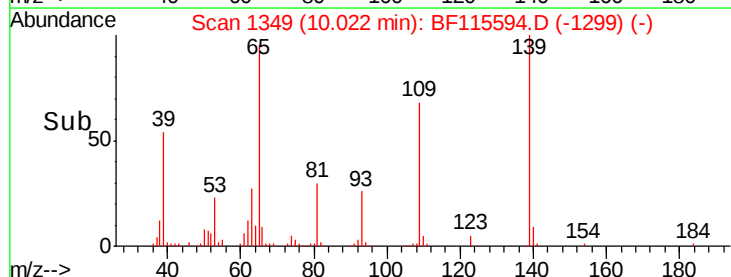
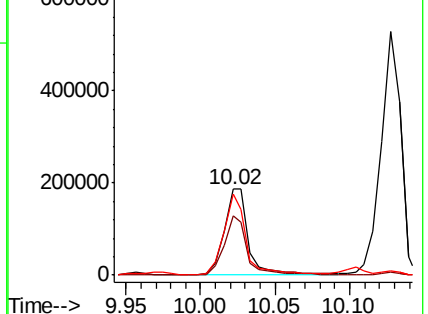
65 95.2 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

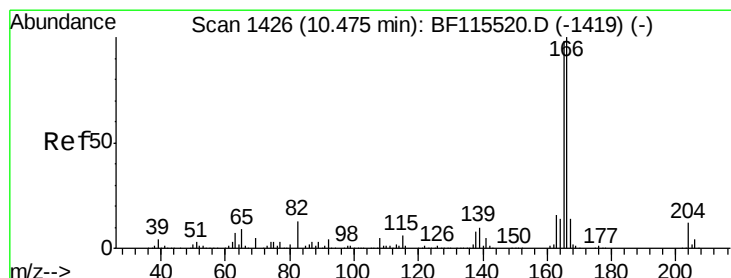
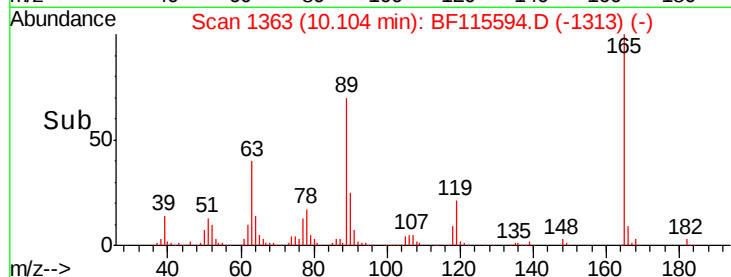
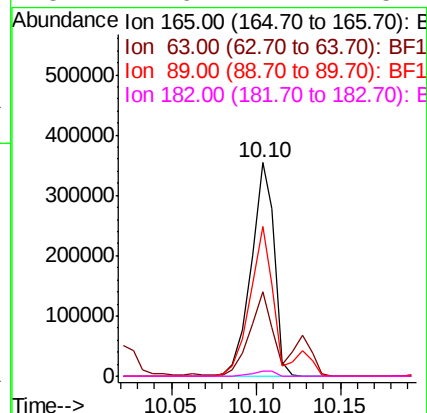
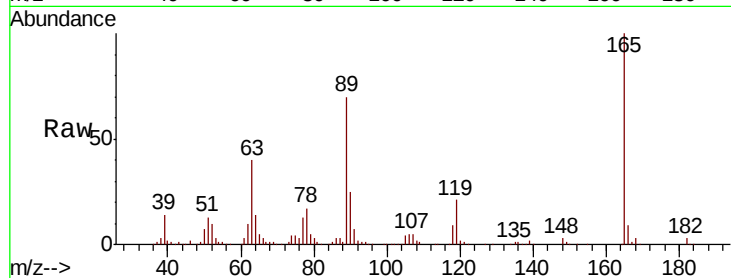




#57
2,4-Dinitrotoluene
Concen: 43.916 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

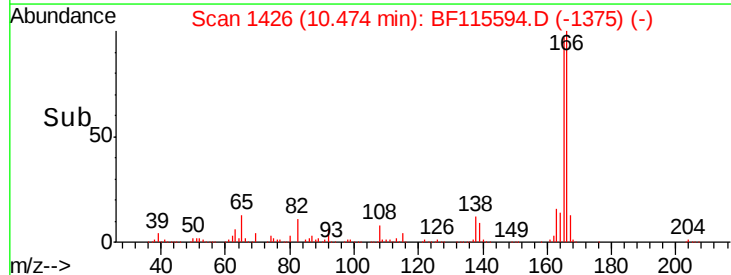
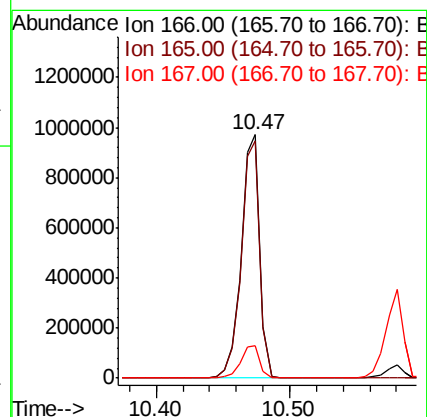
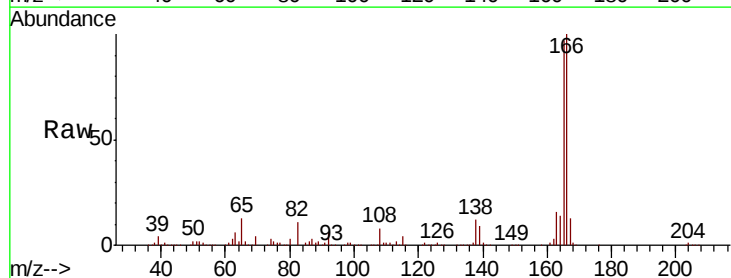
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.8	34.9	52.3
89	69.9	57.5	86.3
182	2.6	2.2	3.4



#58
Fluorene
Concen: 42.610 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.6
167	13.3	11.2	16.8

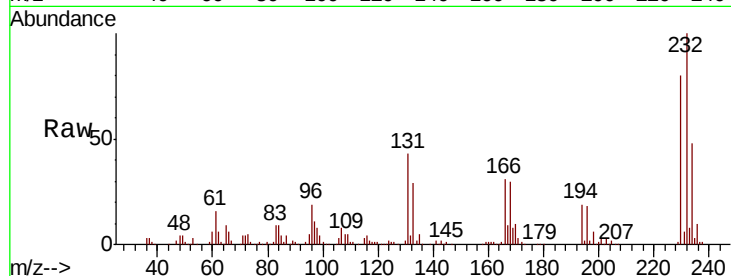




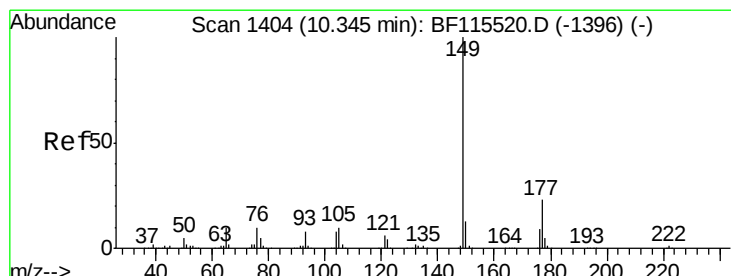
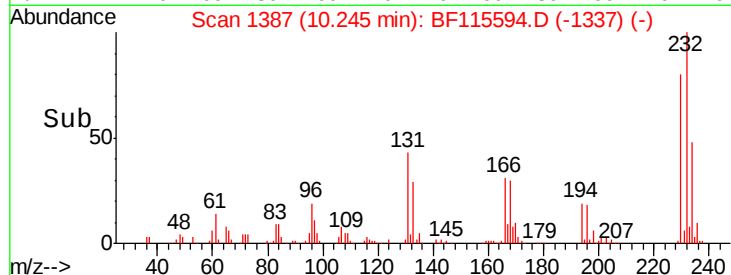
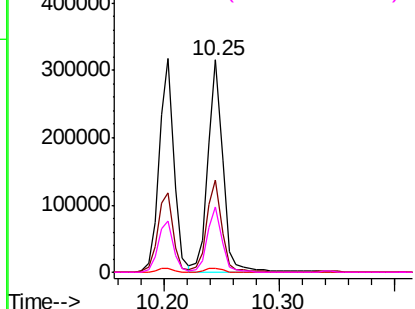
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.288 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	283389
Ion	Ratio	Lower	Upper
232	100		
131	43.5	35.9	53.9
130	2.1	1.8	2.6
166	30.4	24.8	37.2

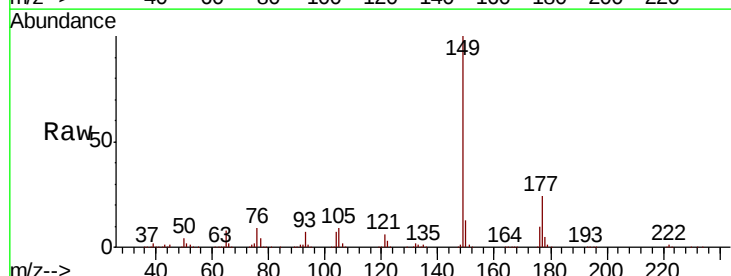


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

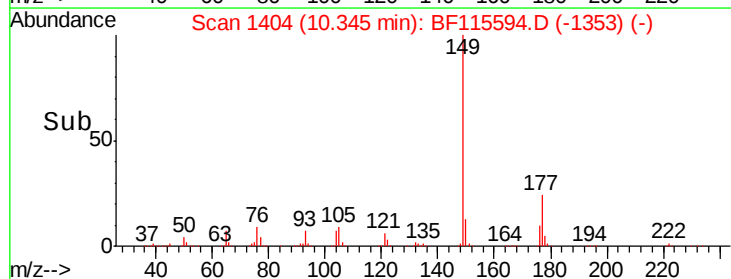
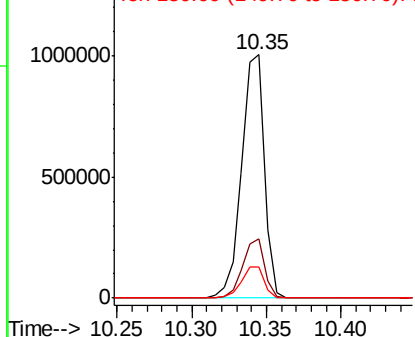


#60
 Diethylphthalate
 Concen: 43.326 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion:	149	Resp:	1060589
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.5	29.3
150	12.9	10.4	15.6



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

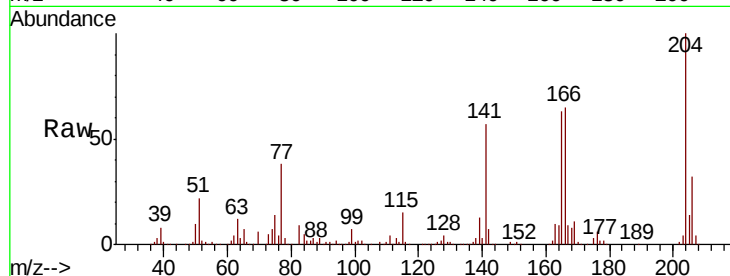




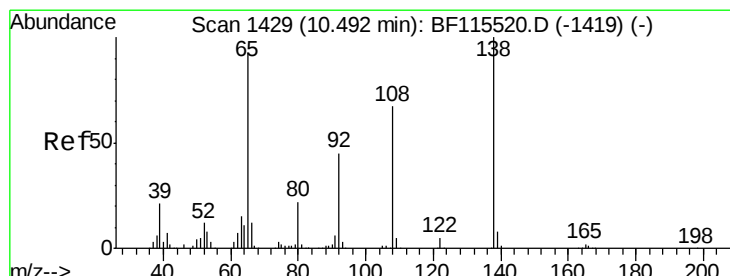
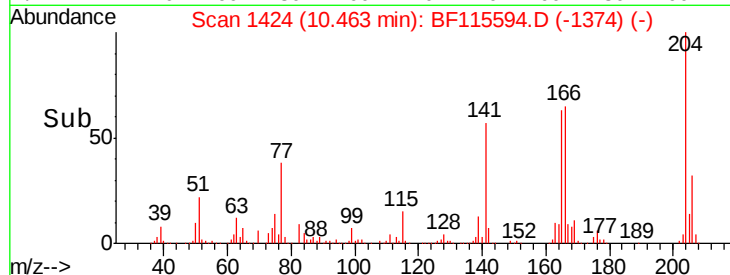
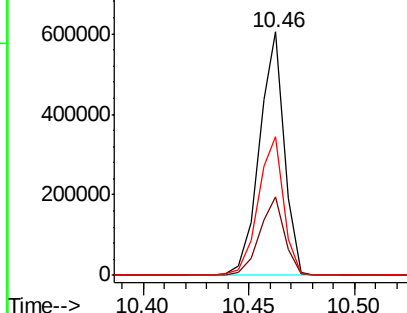
#61
 4-Chlorophenyl-phenylether
 Concen: 40.636 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	56.9	44.2	66.2

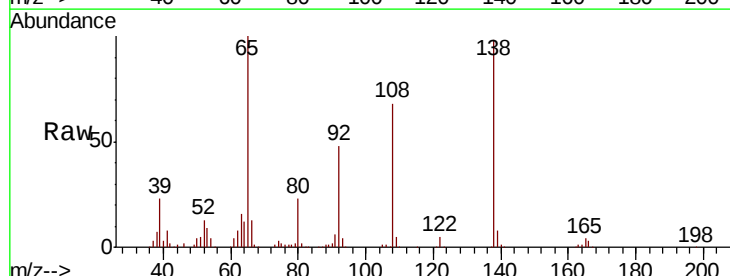


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

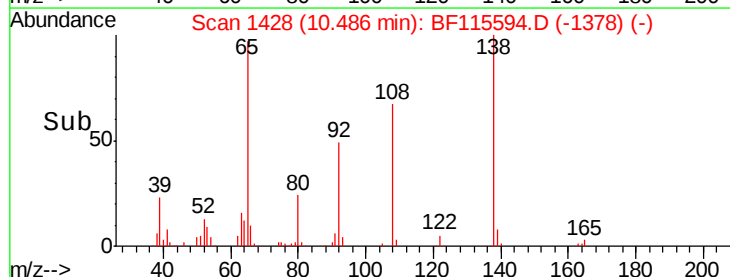
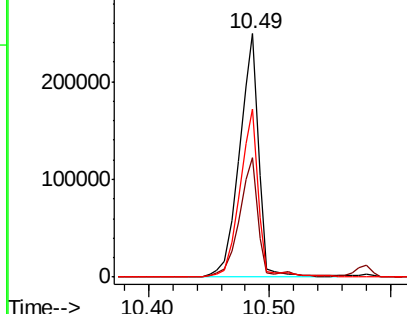


#62
 4-Nitroaniline
 Concen: 42.688 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	27.1	67.1
108	69.0	48.0	88.0



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

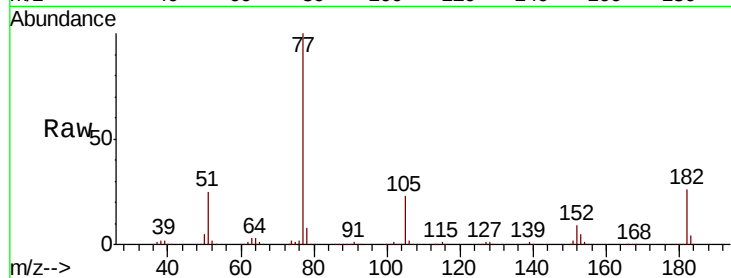




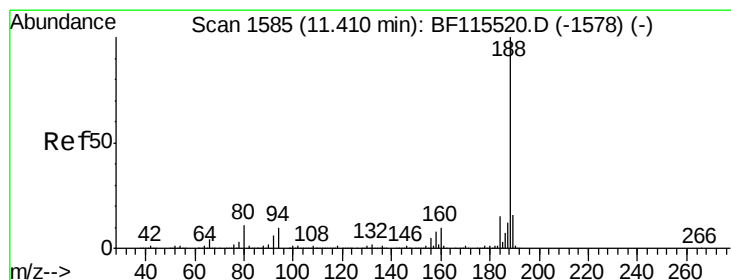
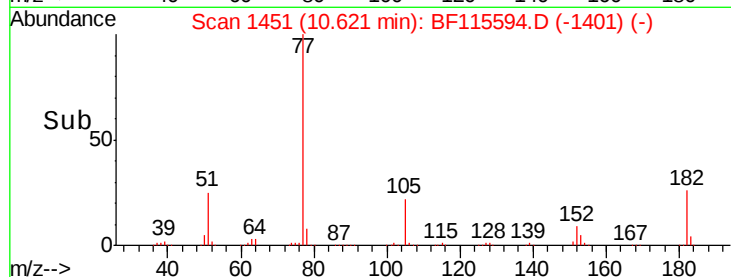
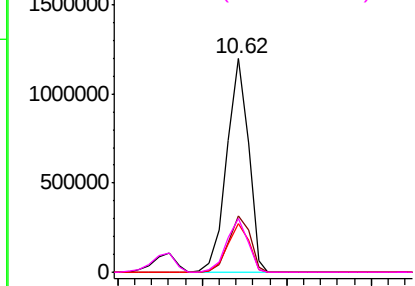
#63
Azobenzene
Concen: 44.962 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1067573
Ion Ratio Lower Upper
77 100
182 26.1 6.9 46.9
105 22.8 3.9 43.9
51 25.5 7.3 47.3

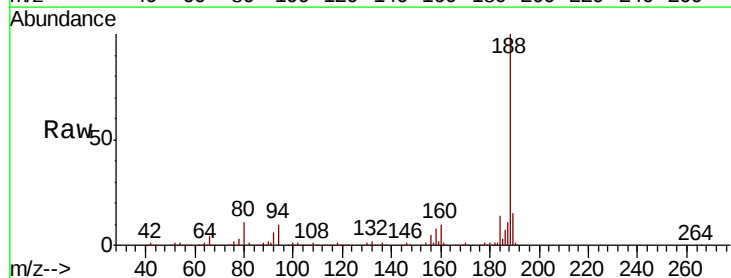


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

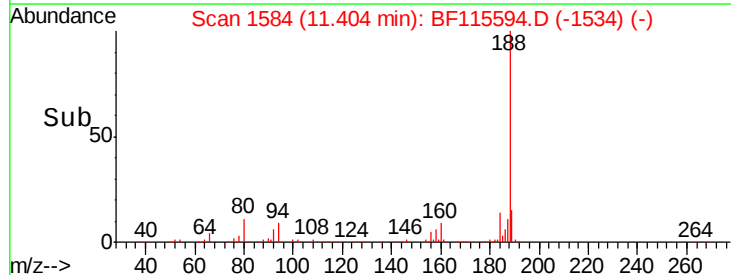
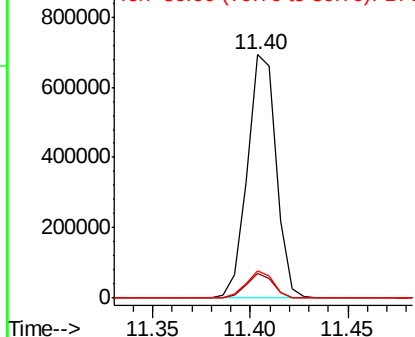


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion: 188 Resp: 710909
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 11.4 8.6 13.0



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

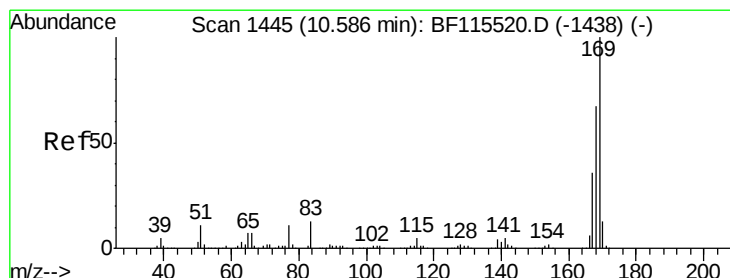
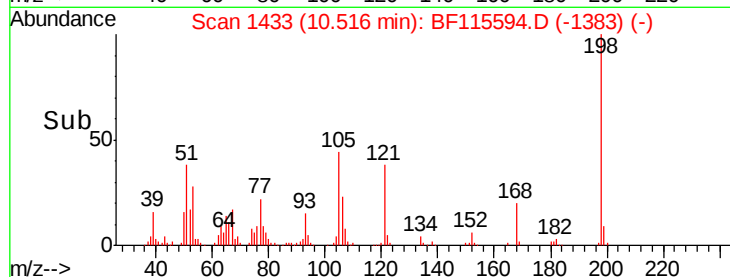
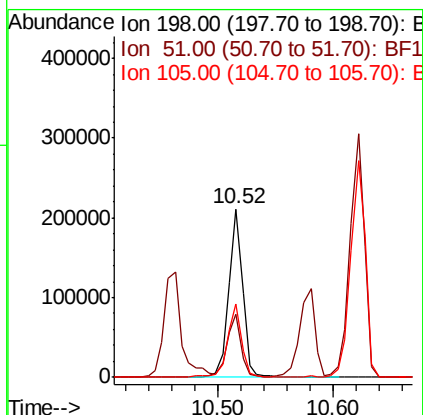
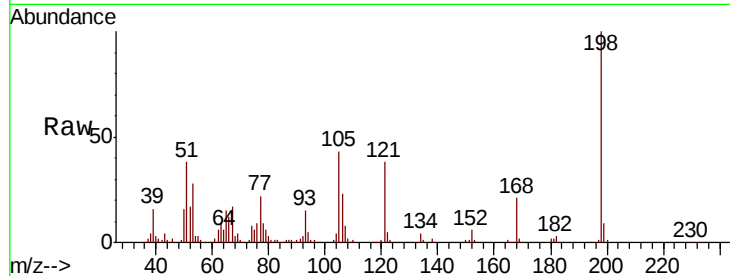




#65
4,6-Dinitro-2-methylphenol
Concen: 40.676 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

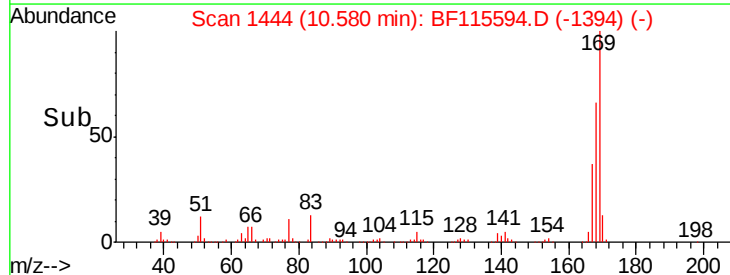
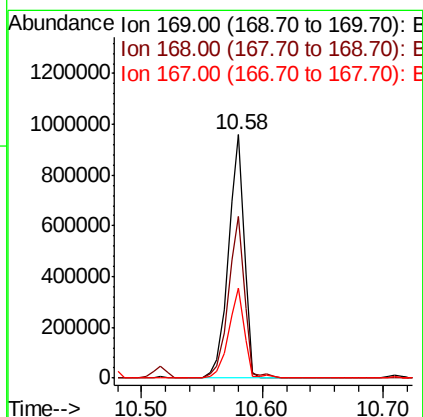
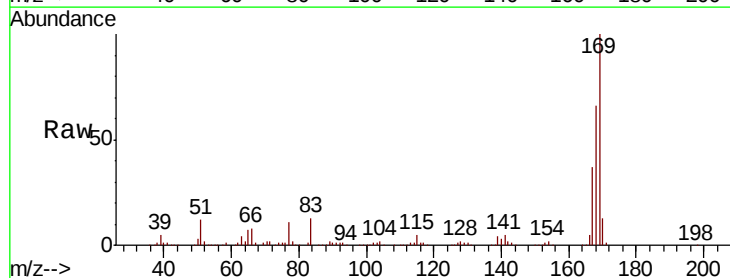
Instrument :
BNA_F
ClientSampleId :

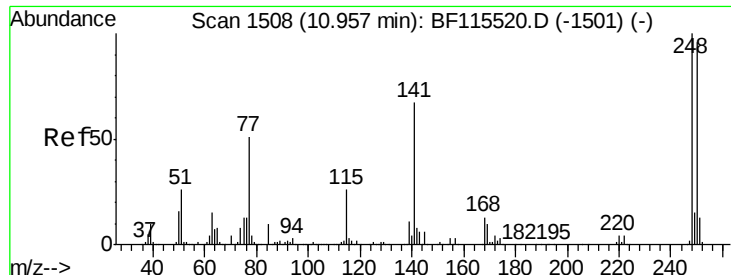
Tot Ion:198 Resp: 176673
Ion Ratio Lower Upper
198 100
51 37.7 19.1 59.1
105 43.5 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.357 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:169 Resp: 870331
Ion Ratio Lower Upper
169 100
168 66.5 54.3 81.5
167 36.8 30.2 45.2

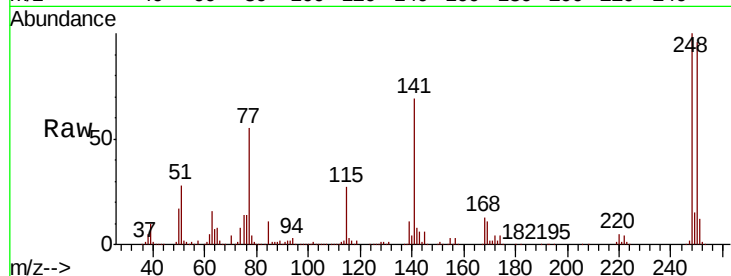




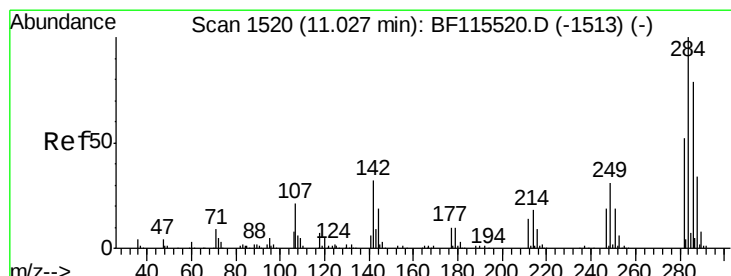
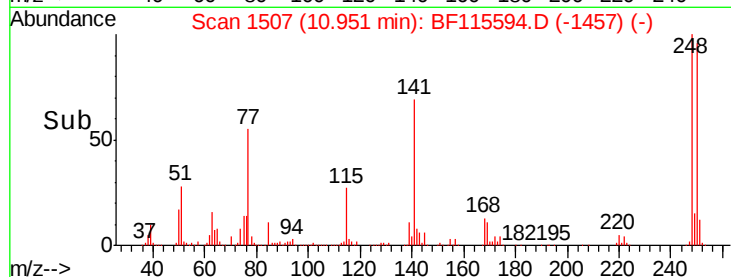
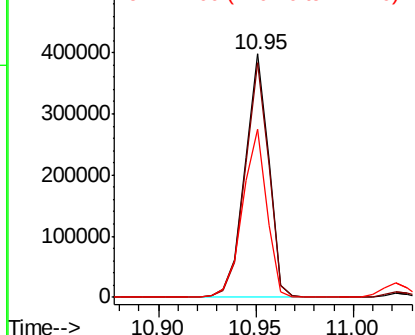
#67
 4-Bromophenyl-phenylether
 Concen: 41.335 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 335807
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.0 117.0
 141 69.1 57.7 86.5

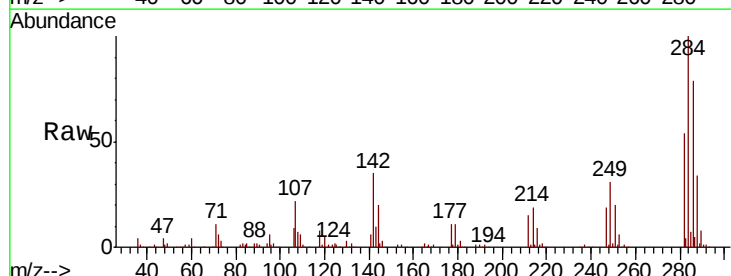


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

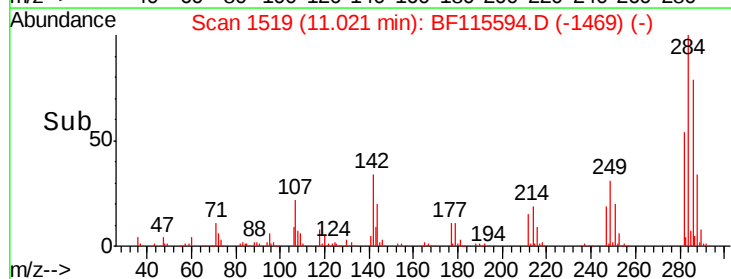
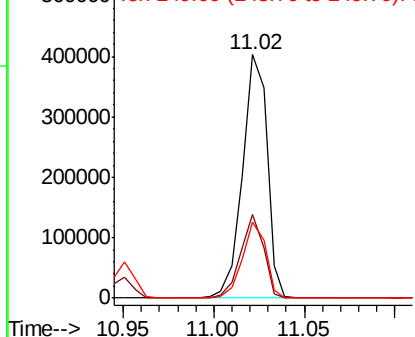


#68
 Hexachlorobenzene
 Concen: 40.991 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115594.D
 Acq: 16 Jul 2019 13:48

Tgt Ion:284 Resp: 380300
 Ion Ratio Lower Upper
 284 100
 142 34.6 22.2 33.2#
 249 31.0 23.4 35.2



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

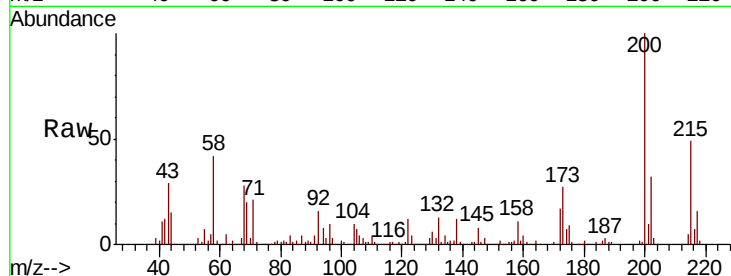




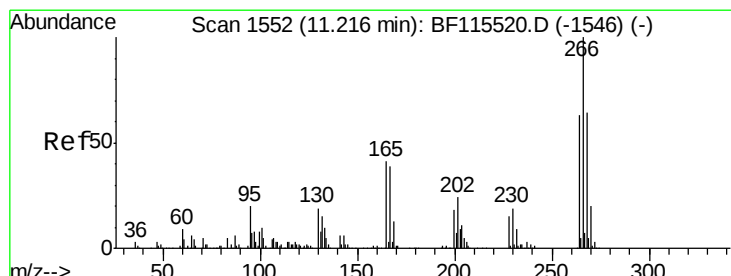
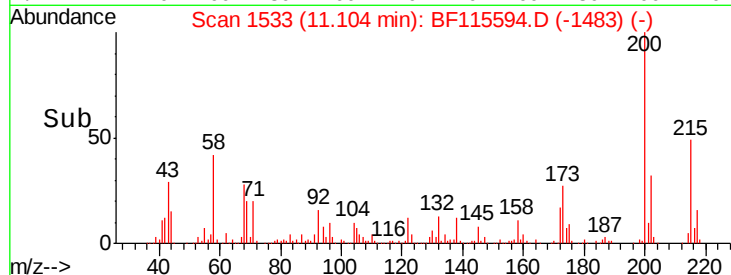
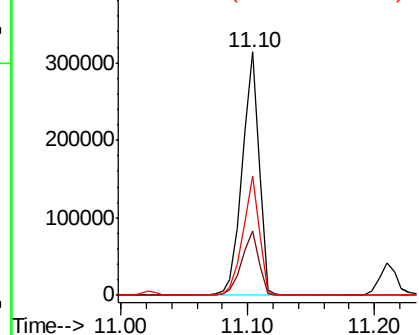
#69
Atrazine
Concen: 39.113 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 283745
Ion Ratio Lower Upper
200 100
173 26.7 6.9 46.9
215 48.9 27.9 67.9

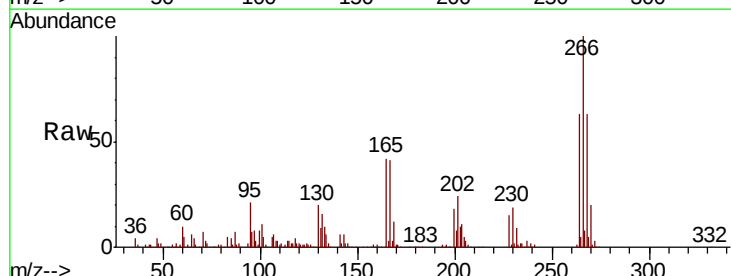


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

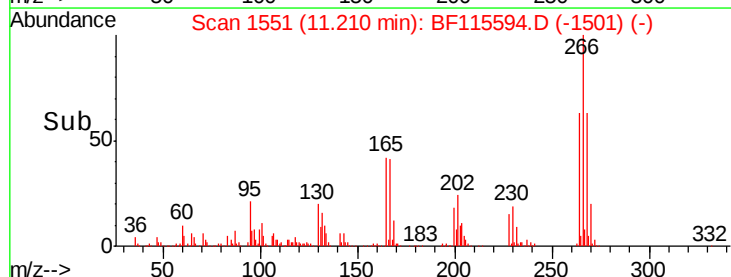
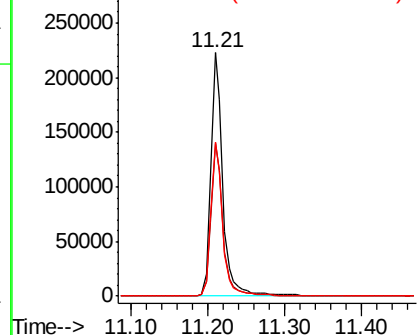


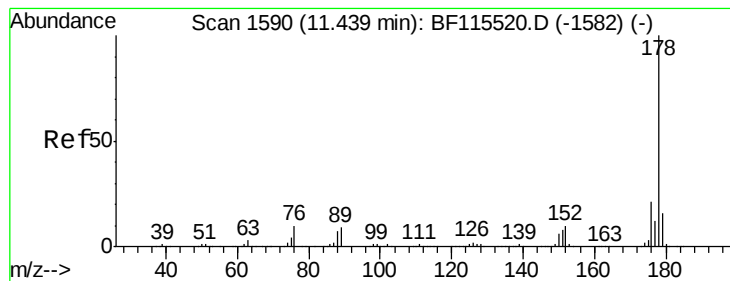
#70
Pentachlorophenol
Concen: 41.964 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:266 Resp: 238120
Ion Ratio Lower Upper
266 100
268 62.6 51.6 77.4
264 63.2 50.6 76.0



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: 41.276 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

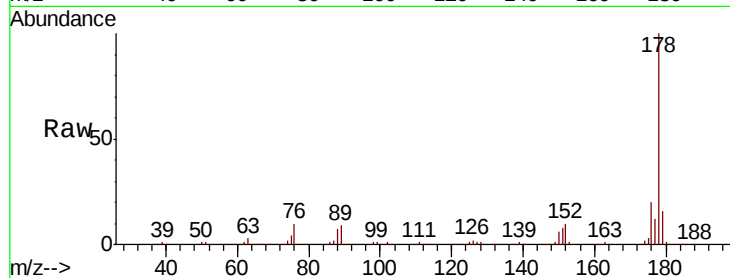
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1504124

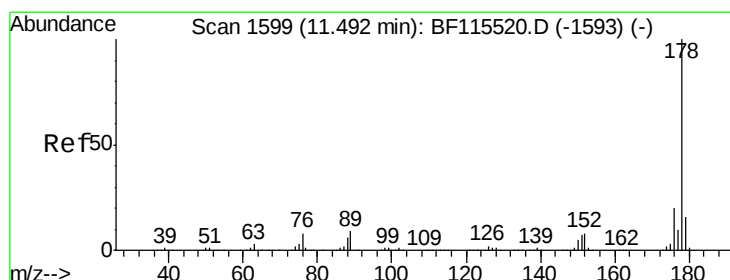
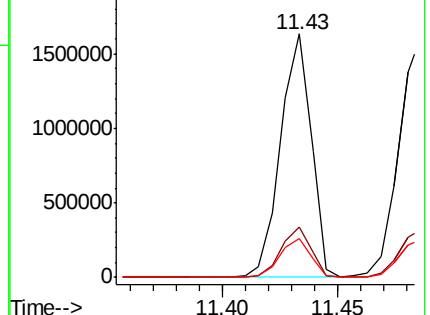
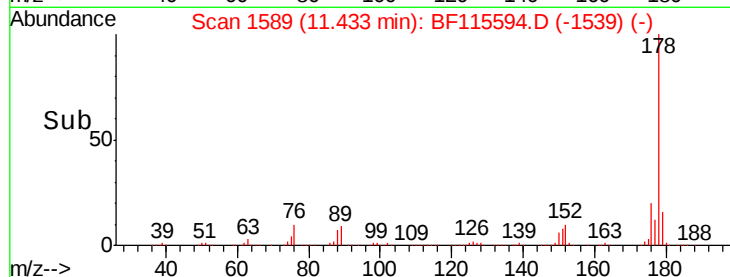
Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.2	25.8
179	16.1	13.5	20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.206 ng

RT: 11.49 min Scan# 1598

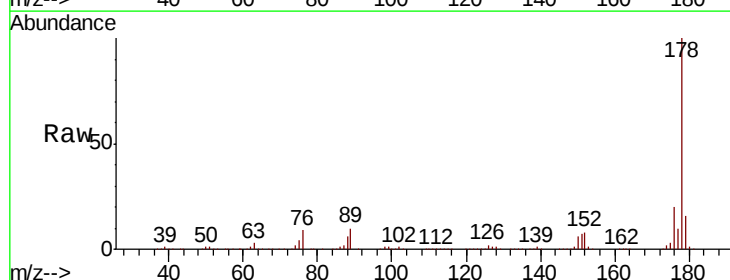
Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Tgt Ion:178 Resp: 1514154

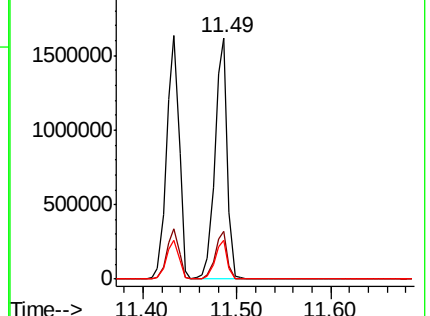
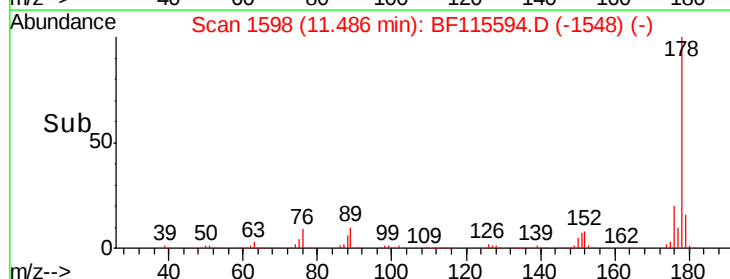
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.9	12.7	19.1

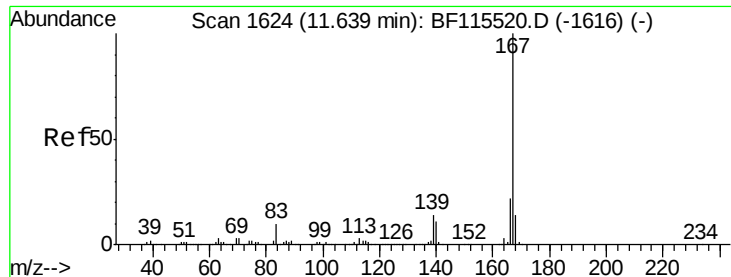


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.539 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

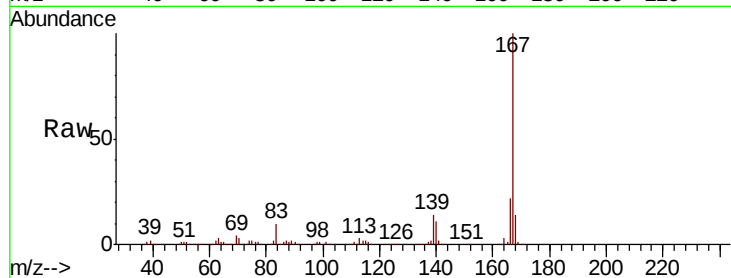
Tot Ion:167 Resp: 1371813

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

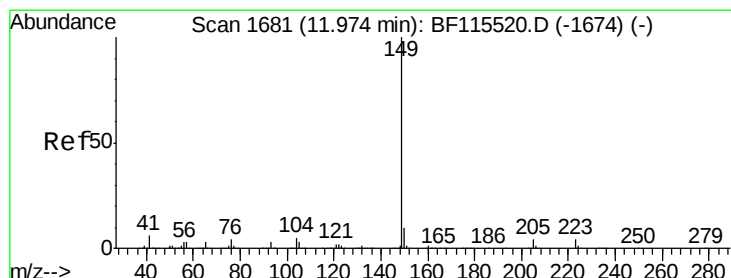
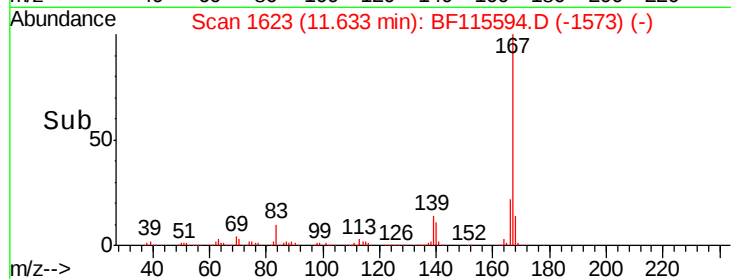
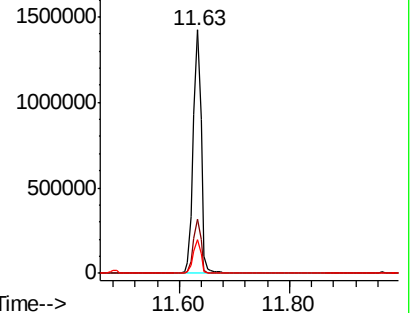
139 13.8 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.089 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

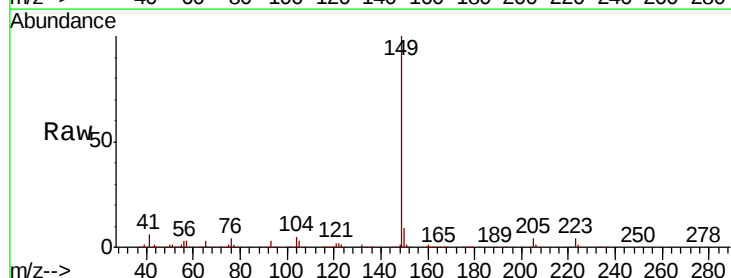
Tgt Ion:149 Resp: 1671473

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

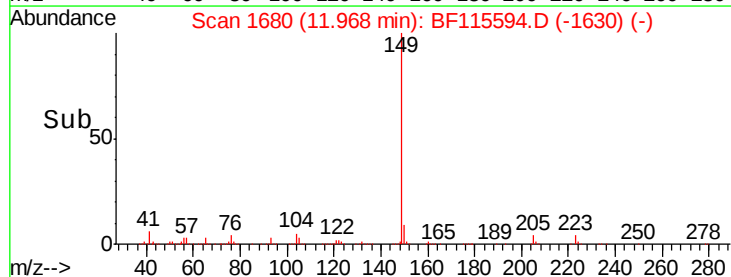
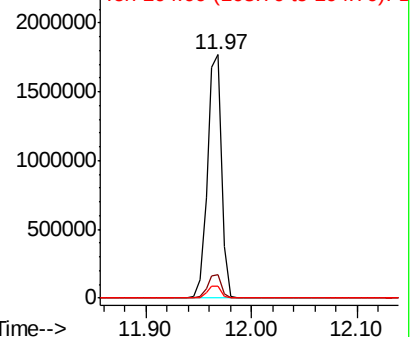
104 4.8 3.8 5.8

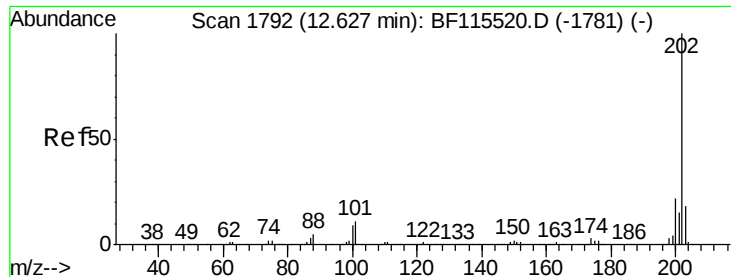


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

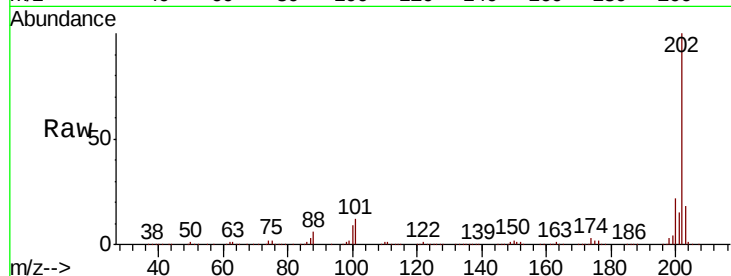




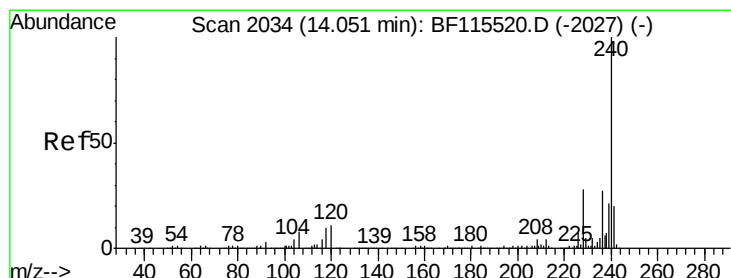
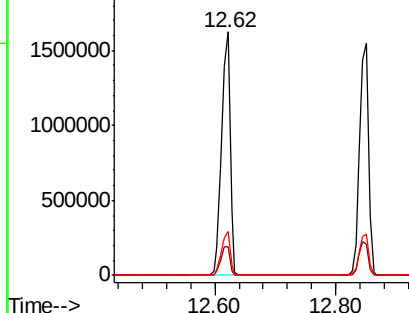
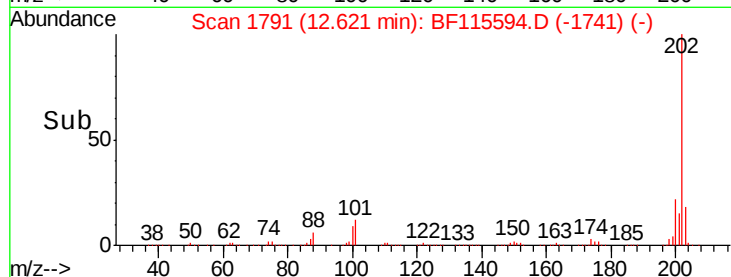
#75
Fluoranthene
Concen: 40.780 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1570368
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 18.2 0.0 38.1

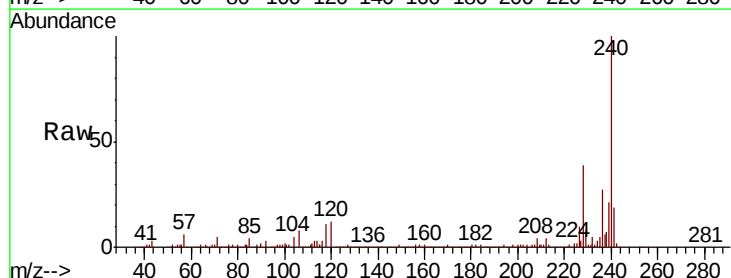


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

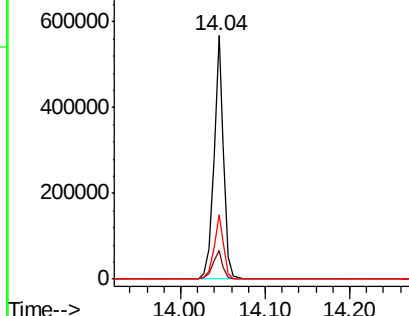
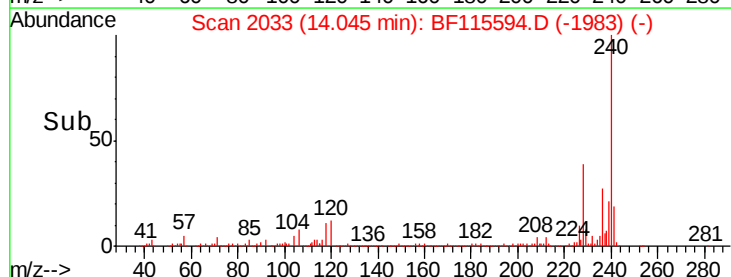


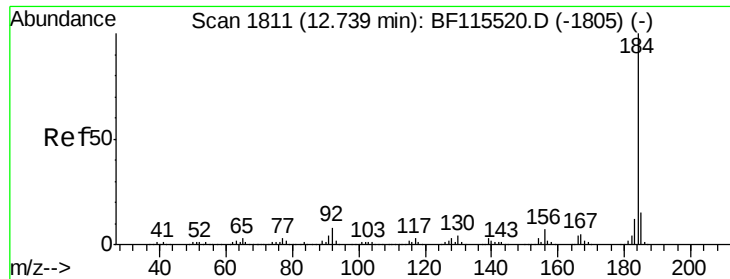
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:240 Resp: 464733
Ion Ratio Lower Upper
240 100
120 11.6 8.6 13.0
236 26.6 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.106 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

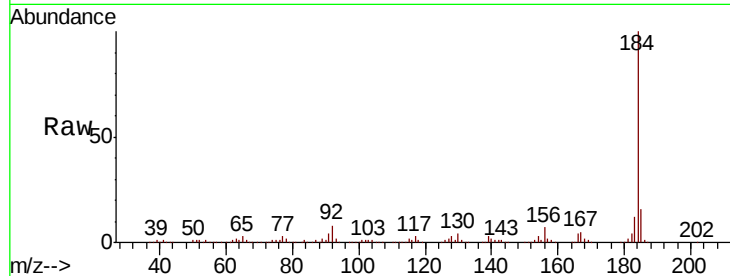
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 693210

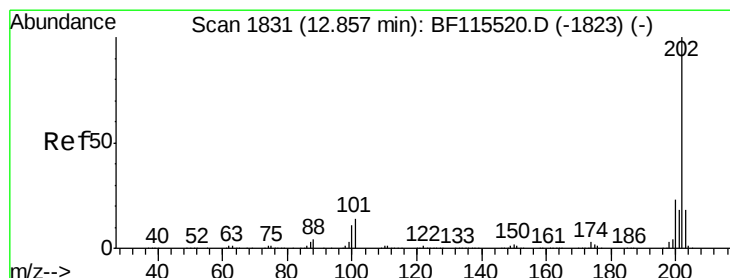
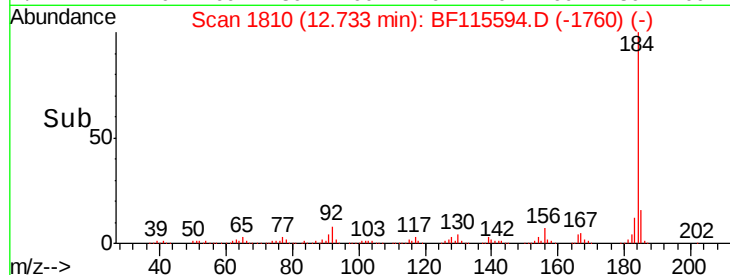
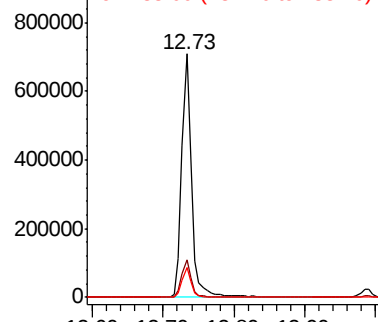
Ion	Ratio	Lower	Upper
184	100		
185	15.6	12.0	18.0
183	12.2	9.3	13.9



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: 39.571 ng

RT: 12.85 min Scan# 1830

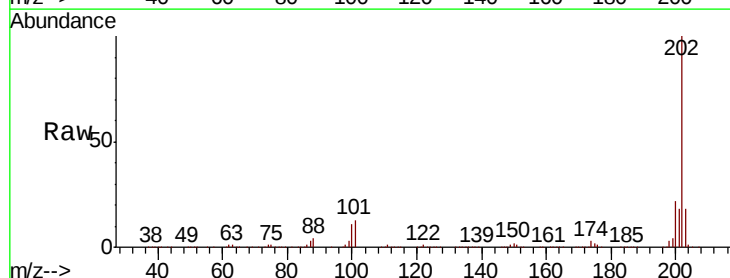
Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Tgt Ion:202 Resp: 1558081

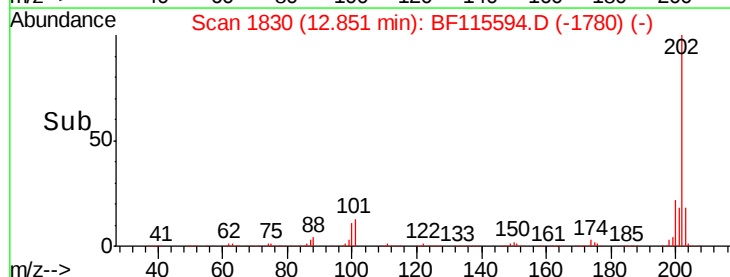
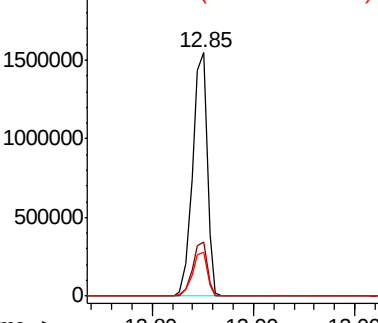
Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	18.0	15.2	22.8

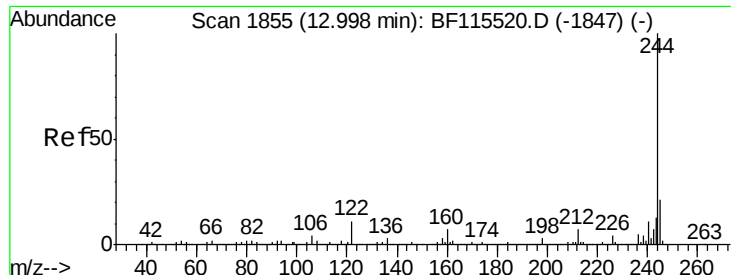


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.304 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

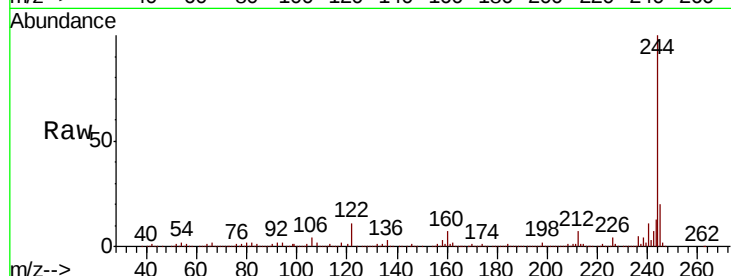
Tot Ion:244 Resp: 1997381

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

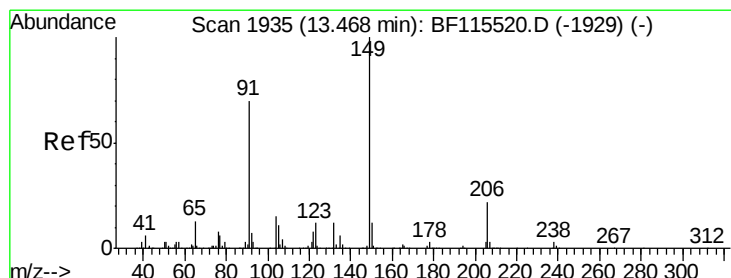
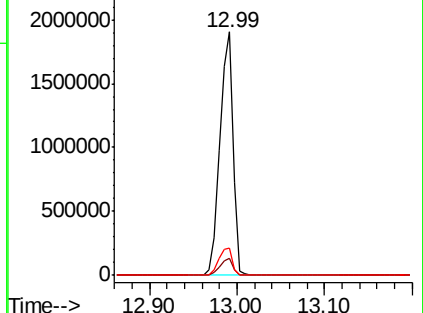
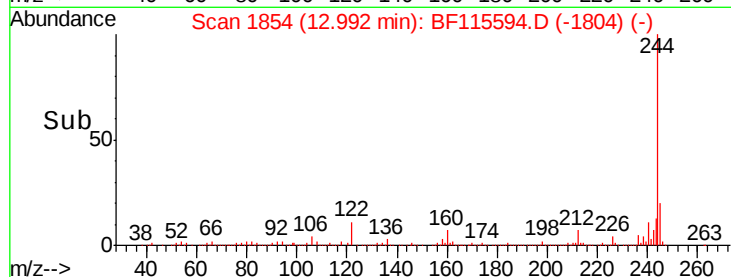
122 11.1 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.434 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

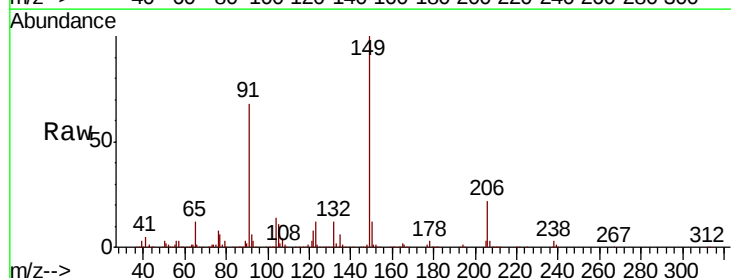
Tgt Ion:149 Resp: 695463

Ion Ratio Lower Upper

149 100

91 67.8 55.8 83.8

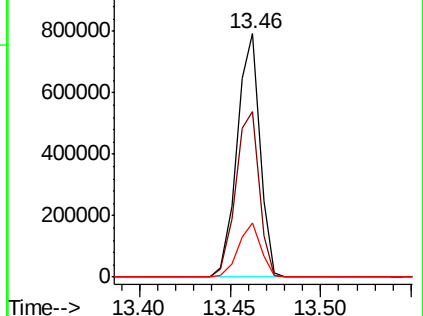
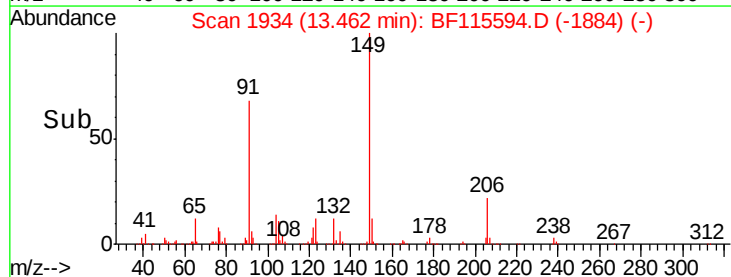
206 22.1 18.2 27.2

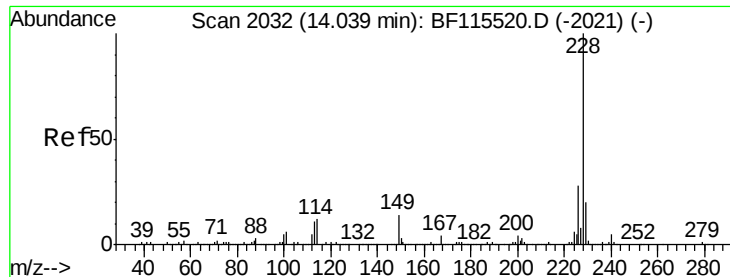


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

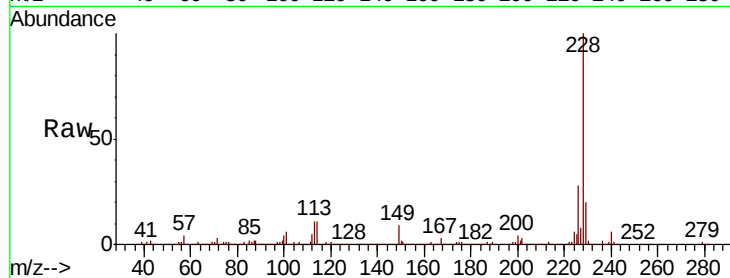




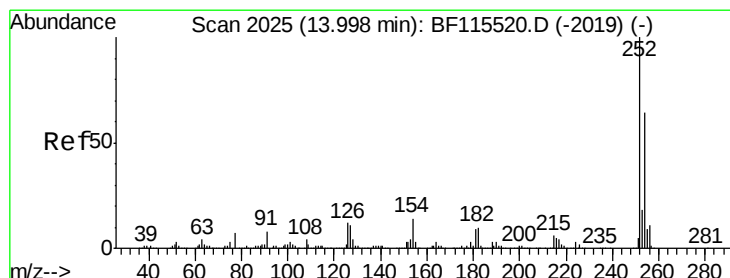
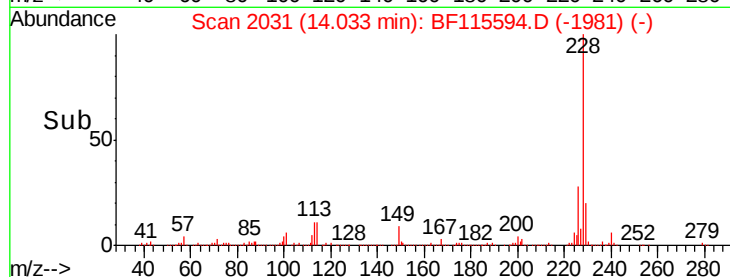
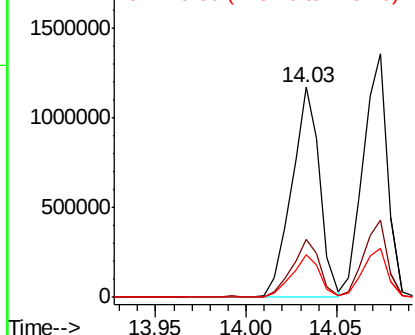
#81
Benzo(a)anthracene
Concen: 41.159 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1260142
Ion Ratio Lower Upper
228 100
226 27.8 23.4 35.0
229 20.2 17.2 25.8

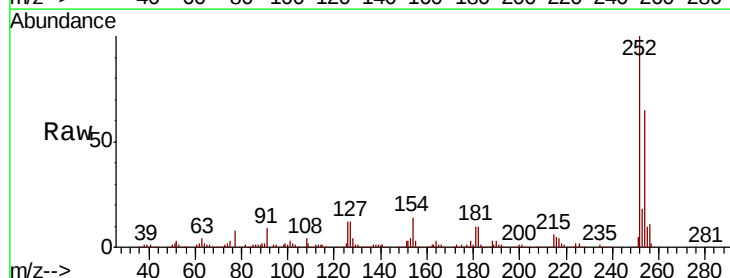


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

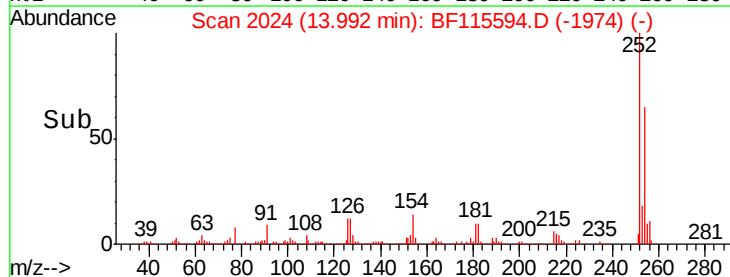
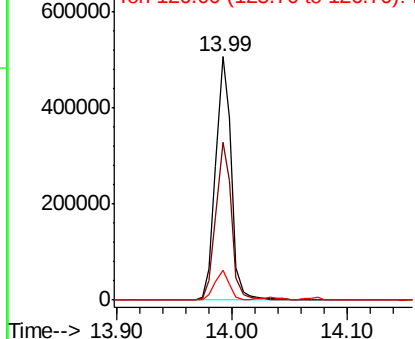


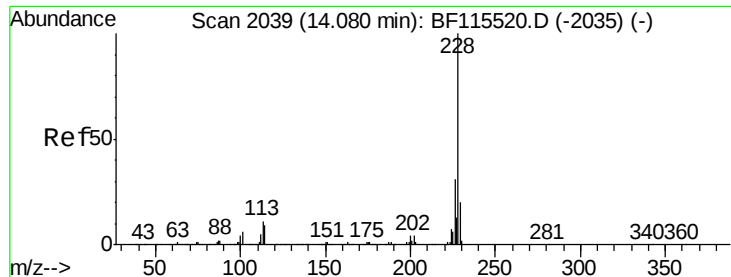
#82
3,3'-Dichlorobenzidine
Concen: 44.197 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:252 Resp: 481046
Ion Ratio Lower Upper
252 100
254 64.7 52.9 79.3
126 12.3 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.660 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

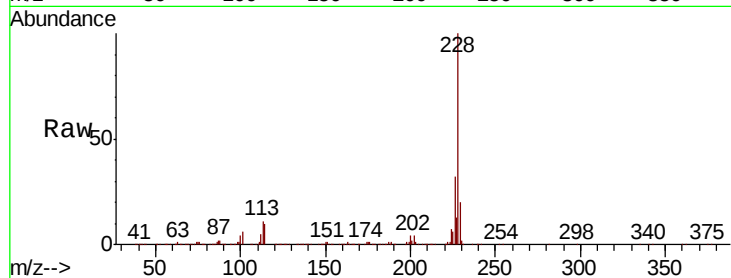
Tot Ion:228 Resp: 1280414

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

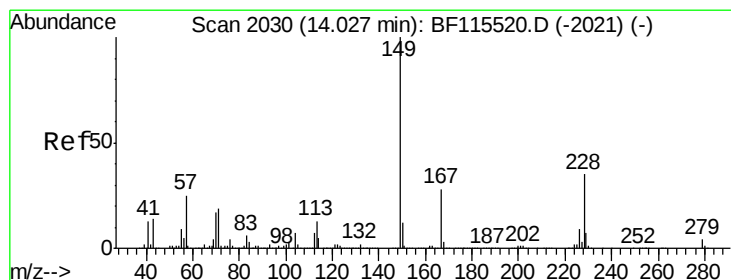
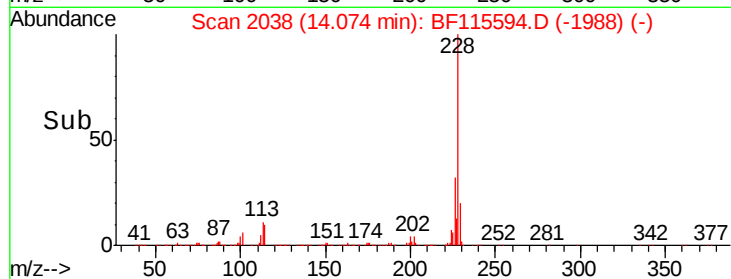
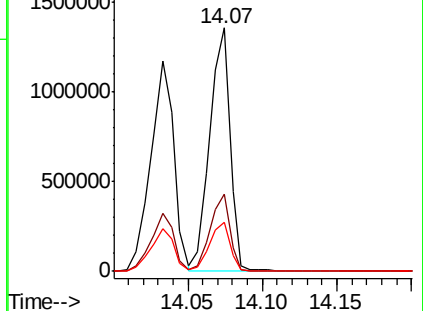
229 20.1 16.6 25.0



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: 42.237 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

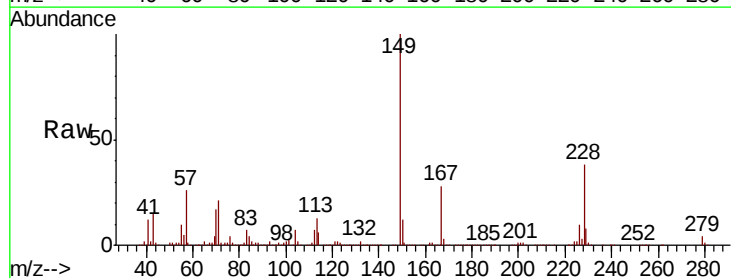
Tgt Ion:149 Resp: 878146

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

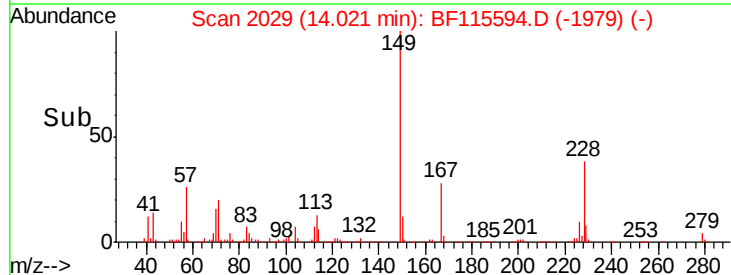
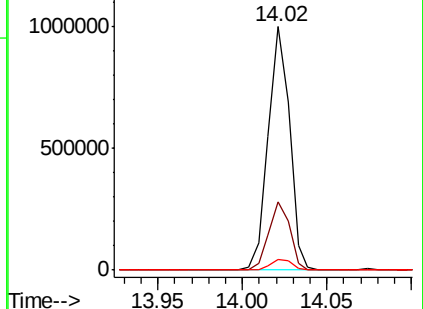
279 4.3 4.2 6.2

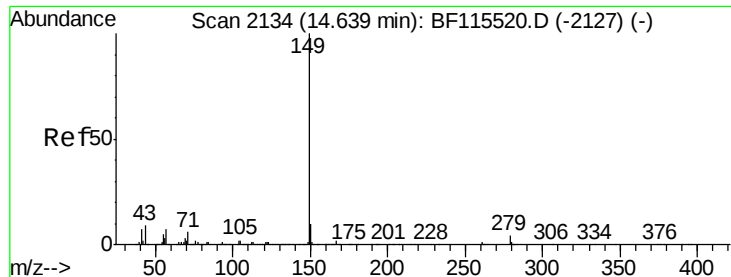


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.713 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampleId :

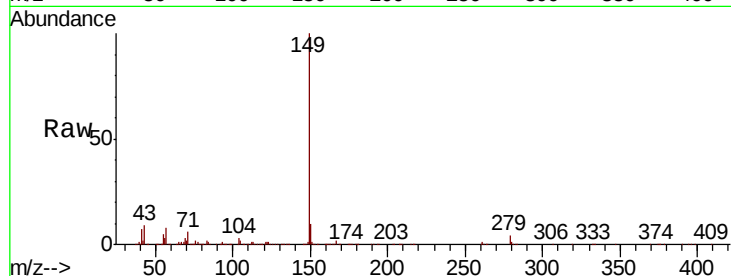
Tot Ion:149 Resp: 1446068

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

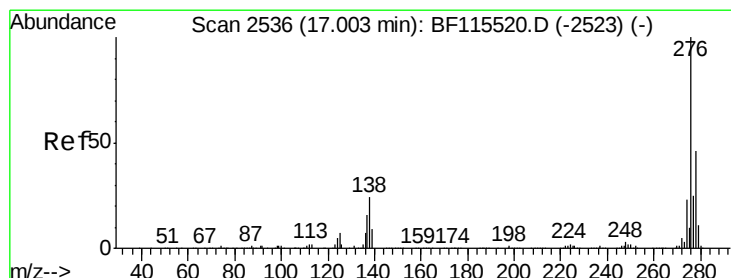
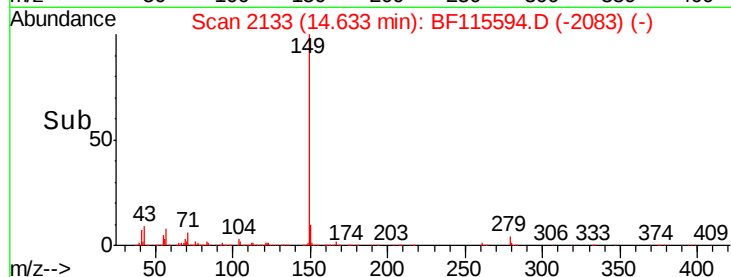
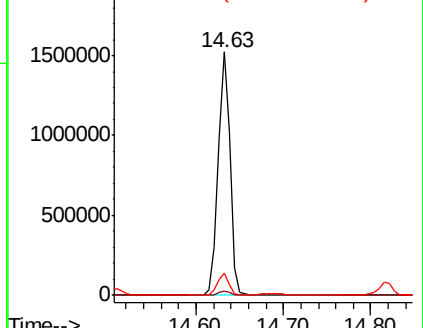
43 8.5 7.2 10.8



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: 37.593 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

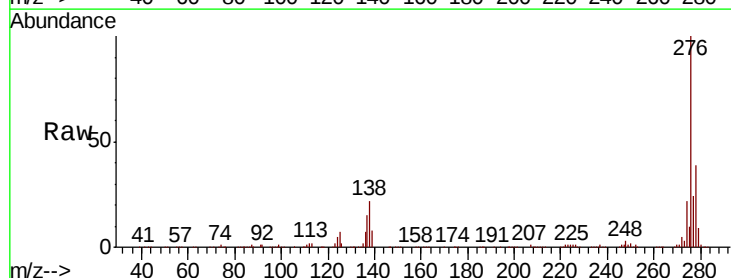
Tgt Ion:276 Resp: 981618

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

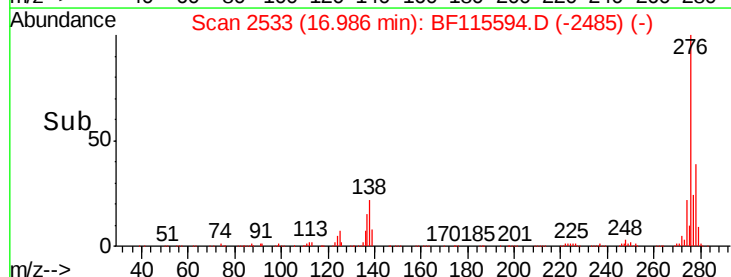
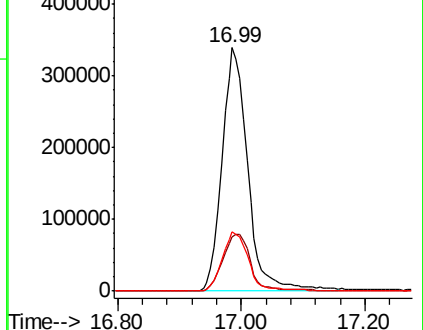
277 25.2 20.4 30.6

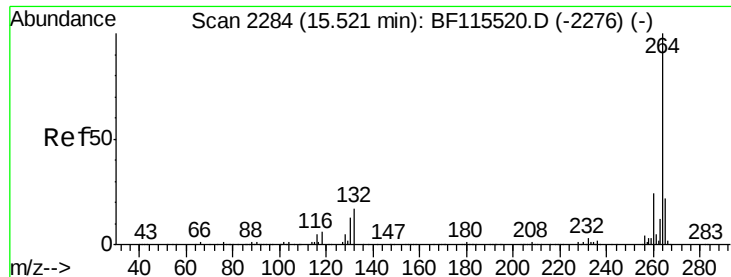


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



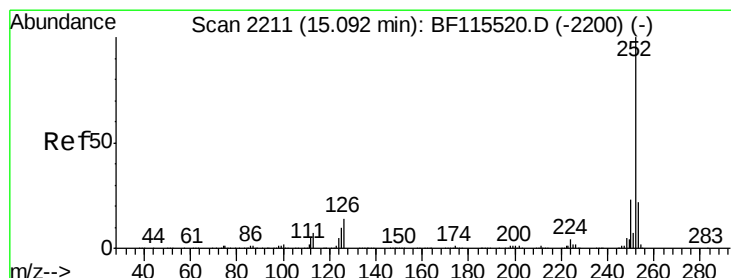
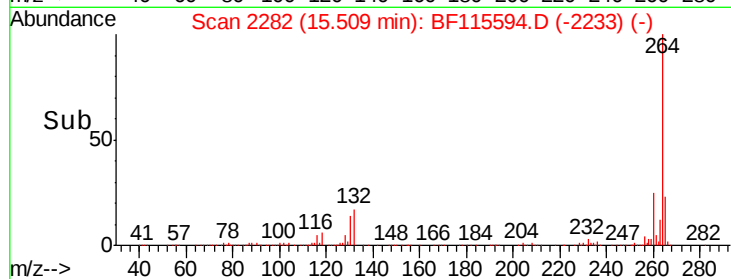
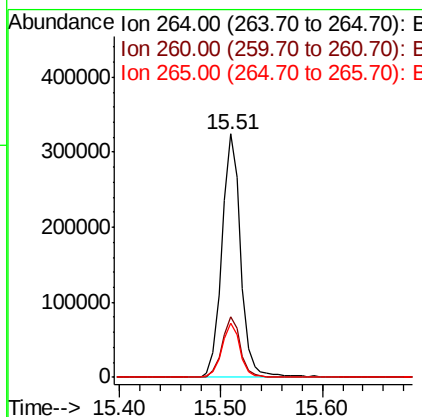
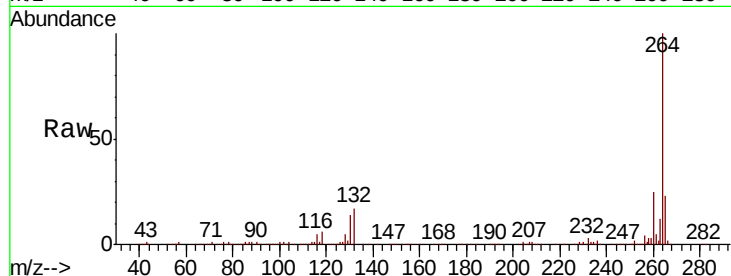


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 416628

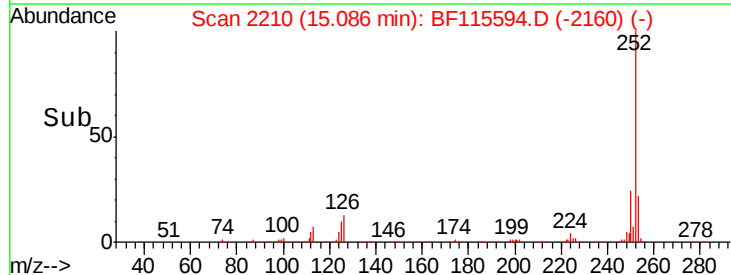
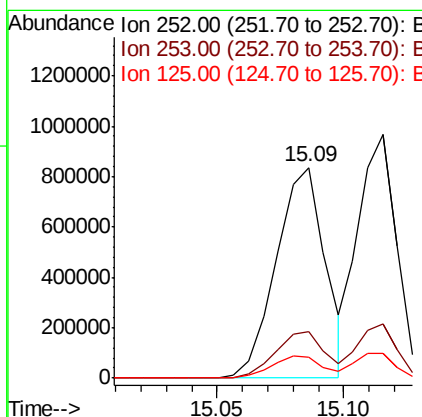
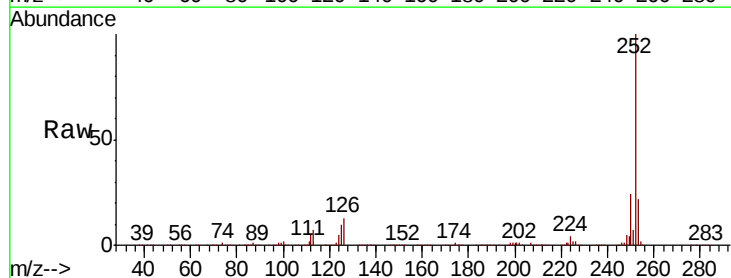
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	22.5	17.7	26.5

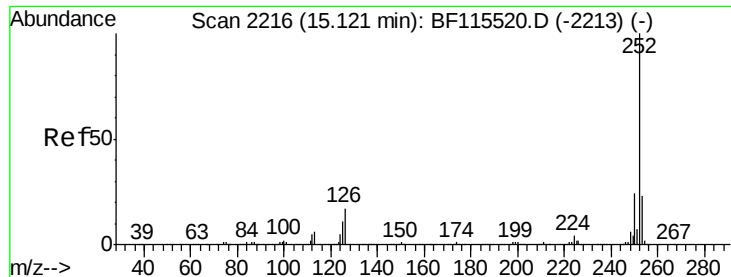


#88
Benzo(b)fluoranthene
Concen: 41.918 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:252 Resp: 1124557

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.0	9.0	13.4

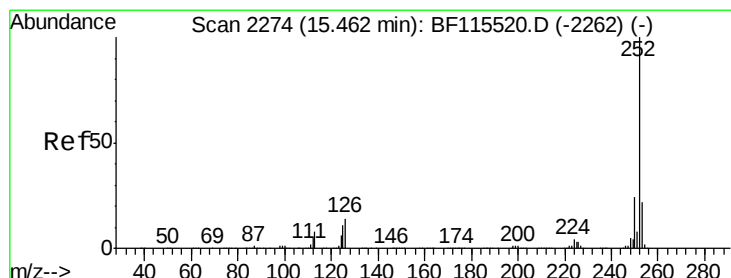
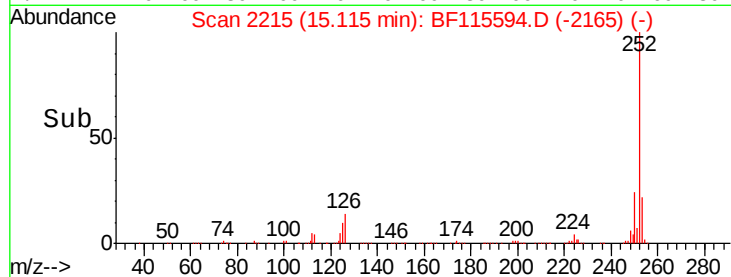
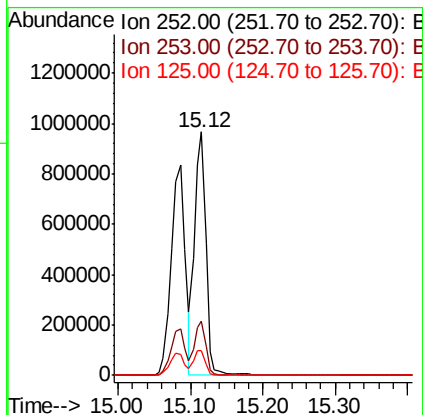
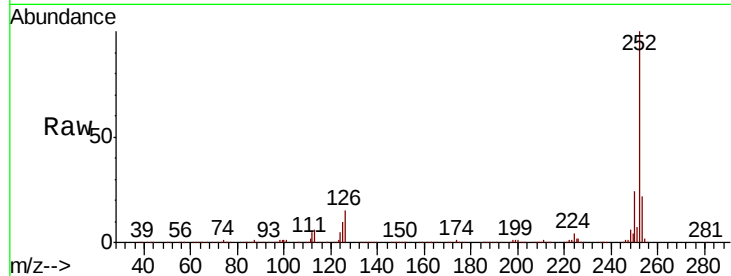




#89
Benzo(k)fluoranthene
Concen: 44.075 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

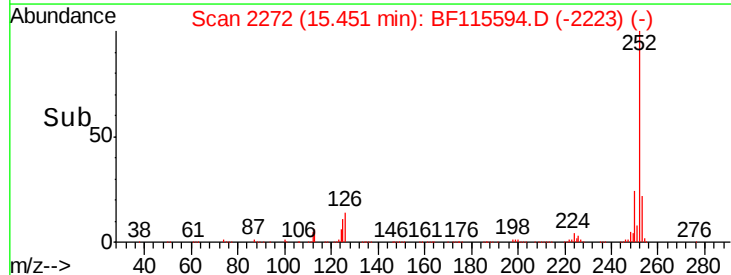
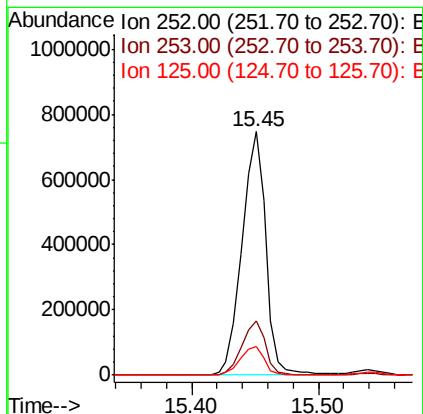
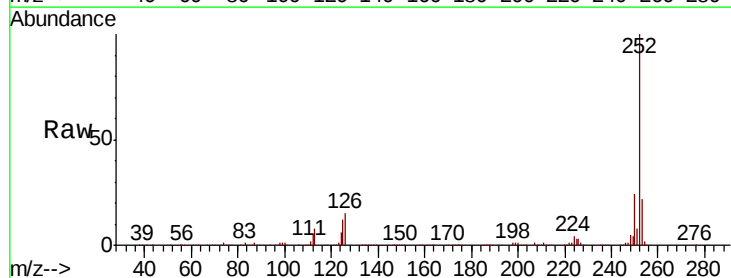
Instrument :
BNA_F
ClientSampleId :

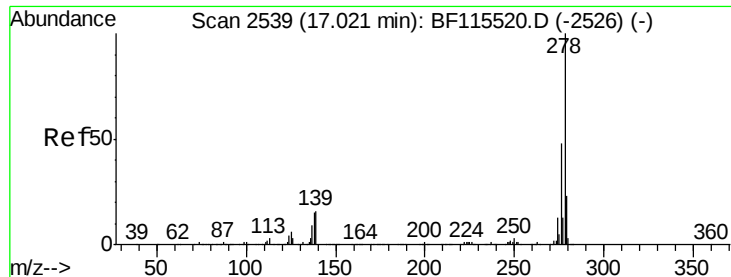
Tot Ion:252 Resp: 1054192
Ion Ratio Lower Upper
252 100
253 22.3 18.6 28.0
125 10.1 9.0 13.6



#90
Benzo(a)pyrene
Concen: 41.967 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115594.D
Acq: 16 Jul 2019 13:48

Tgt Ion:252 Resp: 967681
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 40.798 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

Instrument :

BNA_F

ClientSampled :

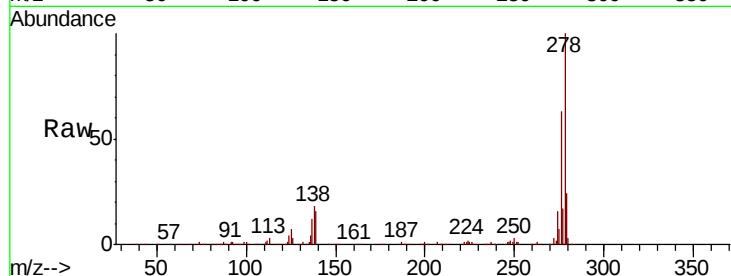
Tot Ion:278 Resp: 825865

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

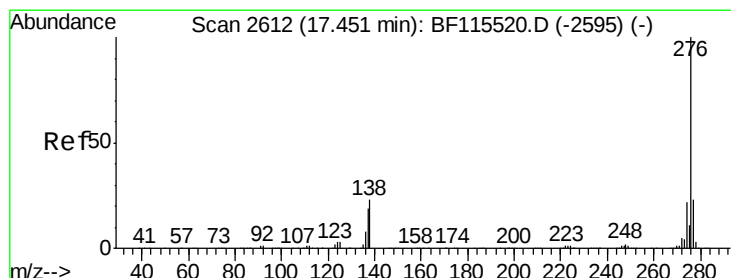
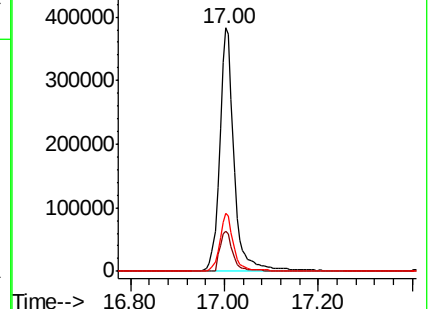
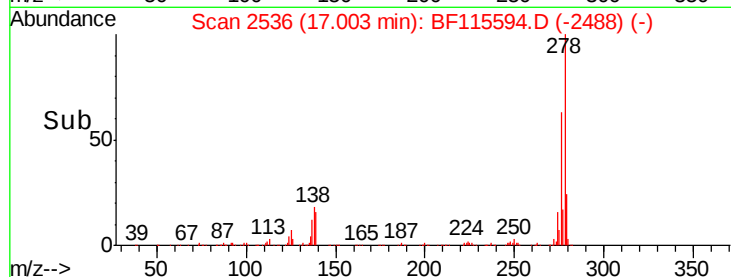
279 23.9 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.619 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115594.D

Acq: 16 Jul 2019 13:48

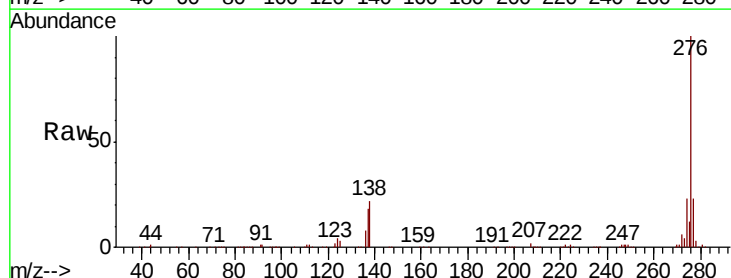
Tgt Ion:276 Resp: 799837

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 21.8 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

