

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115642.D
 Acq On : 18 Jul 2019 9:03
 Operator : HP/JU
 Sample : PB121459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:39:45 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	192464	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	799506	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	425425	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	788719	20.00	ng	0.00
76) Chrysene-d12	14.04	240	451661	20.00	ng	0.00
87) Perylene-d12	15.50	264	340993	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1207876	102.65	ng	0.02
7) Phenol-d6	6.52	99	1615356	108.19	ng	0.00
23) Nitrobenzene-d5	7.45	82	989422	71.96	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	485657	97.80	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1826326	75.14	ng	0.00
79) Terphenyl-d14	12.99	244	1912666	78.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	174766	29.776	ng	98
3) Pyridine	3.54	79	442661	27.798	ng	99
4) n-Nitrosodimethylamine	3.48	42	199191	34.481	ng	98
6) Aniline	6.55	93	499492	24.040	ng	98
8) 2-Chlorophenol	6.67	128	501656	37.083	ng	100
9) Benzaldehyde	6.43	77	46749	5.011	ng	98
10) Phenol	6.53	94	622717	35.929	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	489635	37.106	ng	99
12) 1,3-Dichlorobenzene	6.83	146	500990	32.938	ng	99
13) 1,4-Dichlorobenzene	6.90	146	492105	32.427	ng	97
14) 1,2-Dichlorobenzene	7.06	146	486377	35.060	ng	98
15) Benzyl Alcohol	7.03	79	446643	37.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	636418	36.633	ng	98
17) 2-Methylphenol	7.14	107	440998	37.827	ng	99
18) Hexachloroethane	7.40	117	189499	33.642	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	352477	36.199	ng	96
20) 3+4-Methylphenols	7.29	107	507085	36.618	ng	# 90
22) Acetophenone	7.29	105	687650	38.072	ng	# 99
24) Nitrobenzene	7.46	77	542284	36.566	ng	95
25) Isophorone	7.70	82	959236	34.864	ng	99
26) 2-Nitrophenol	7.78	139	284419	37.260	ng	98
27) 2,4-Dimethylphenol	7.82	122	498054	43.607	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	625899	37.081	ng	99
29) 2,4-Dichlorophenol	8.03	162	447206	37.649	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	472019	35.155	ng	98
31) Naphthalene	8.19	128	1429877	36.928	ng	97
32) Benzoic acid	7.95	122	330743	35.286	ng	99
33) 4-Chloroaniline	8.23	127	420016	24.489	ng	97
34) Hexachlorobutadiene	8.31	225	267145	34.695	ng	100
35) Caprolactam	8.60	113	92537	25.211	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	474638	38.521	ng	99
37) 2-Methylnaphthalene	8.88	142	975139	37.993	ng	97
38) 1-Methylnaphthalene	8.98	142	909376	37.302	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	459524	35.869	ng	97

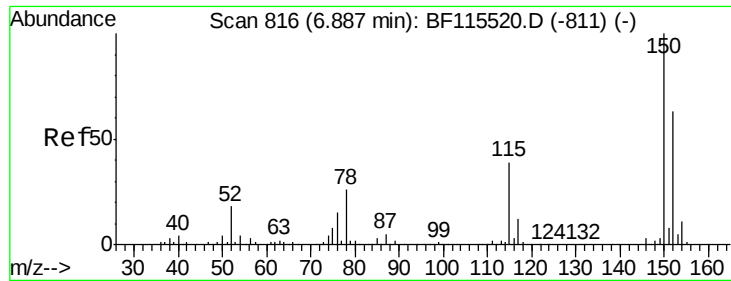
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115642.D
 Acq On : 18 Jul 2019 9:03
 Operator : HP/JU
 Sample : PB121459BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 18 16:39:45 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	9.03	237	347690	47.577	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	313705	33.485	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	338468	35.277	ng	98
46) 1,1'-Biphenyl	9.35	154	1205936	36.259	ng	98
47) 2-Chloronaphthalene	9.37	162	940930	33.977	ng	98
48) 2-Nitroaniline	9.46	65	289466	33.771	ng	99
49) Acenaphthylene	9.79	152	1430200	34.853	ng	98
50) Dimethylphthalate	9.64	163	1120262	35.000	ng	99
51) 2,6-Dinitrotoluene	9.70	165	261193	35.908	ng	96
52) Acenaphthene	9.96	154	1038745	39.209	ng	99
53) 3-Nitroaniline	9.87	138	208206	25.048	ng	100
54) 2,4-Dinitrophenol	9.98	184	270794	72.510	ng	97
55) Dibenzofuran	10.13	168	1313721	34.918	ng	100
56) 4-Nitrophenol	10.03	139	407612	64.306	ng	96
57) 2,4-Dinitrotoluene	10.10	165	347618	36.887	ng	98
58) Fluorene	10.47	166	939463	34.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	290479	36.217	ng	99
60) Diethylphthalate	10.34	149	1051136	35.050	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	501001	33.590	ng	96
62) 4-Nitroaniline	10.49	138	244574	30.674	ng	96
63) Azobenzene	10.62	77	996852	34.269	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	172537	35.805	ng	96
66) n-Nitrosodiphenylamine	10.57	169	847026	34.524	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	316368	35.101	ng	96
68) Hexachlorobenzene	11.02	284	333155	32.367	ng	95
69) Atrazine	11.10	200	250221	31.089	ng	99
70) Pentachlorophenol	11.22	266	387649	61.576	ng	99
71) Phenanthrene	11.43	178	1430365	35.380	ng	98
72) Anthracene	11.48	178	1448588	34.670	ng	99
73) Carbazole	11.63	167	1281061	34.964	ng	99
74) Di-n-butylphthalate	11.96	149	1549653	34.336	ng	100
75) Fluoranthene	12.62	202	1501218	35.139	ng	97
77) Benzidine	12.73	184	285902	17.869	ng	99
78) Pyrene	12.84	202	1515184	39.596	ng	99
80) Butylbenzylphthalate	13.46	149	686833	42.104	ng	100
81) Benzo(a)anthracene	14.03	228	1065846	35.820	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	325175	30.741	ng	99
83) Chrysene	14.07	228	1083243	36.265	ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	818444	40.504	ng	98
85) Di-n-octyl phthalate	14.63	149	1311215	40.784	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	941059	37.083	ng	99
88) Benzo(b)fluoranthene	15.08	252	975108	44.410	ng	99
89) Benzo(k)fluoranthene	15.11	252	954618	48.765	ng	99
90) Benzo(a)pyrene	15.44	252	896168	47.487	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	789326	47.642	ng	99
92) Benzo(g,h,i)perylene	17.43	276	831995	50.353	ng	99

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

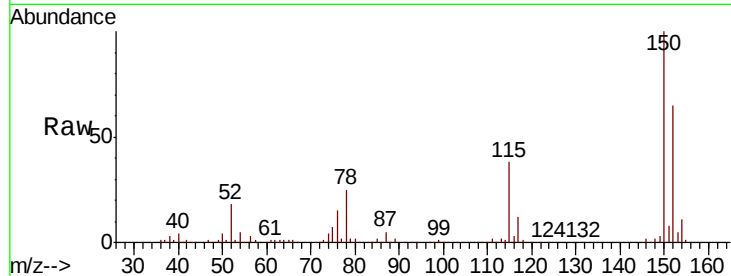


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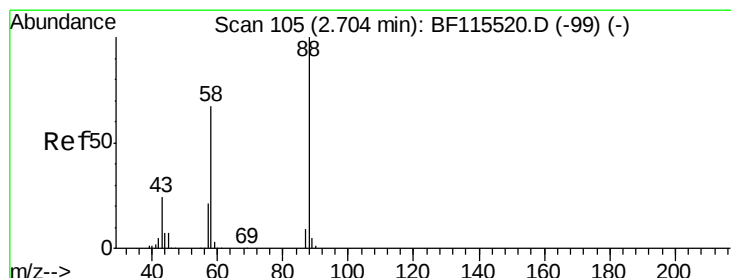
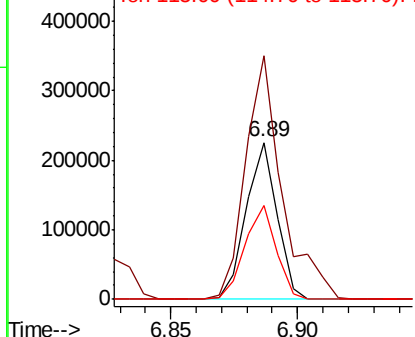
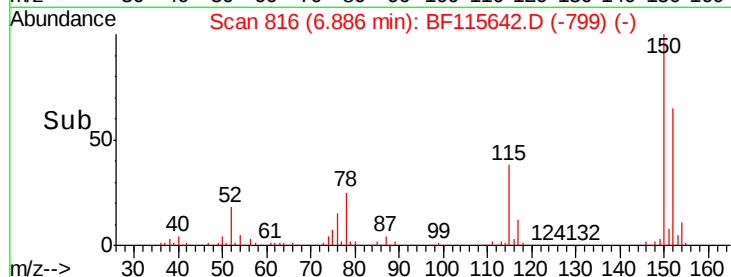
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192464
Ion Ratio Lower Upper
152 100
150 155.0 129.7 194.5
115 59.5 48.2 72.4



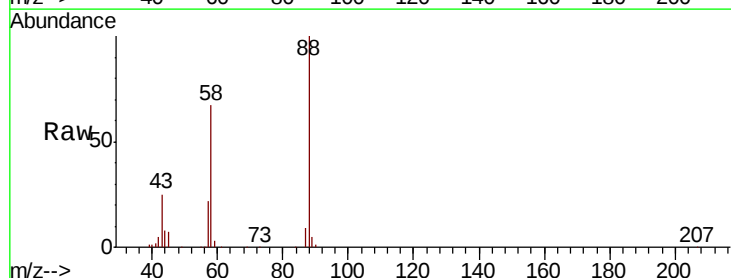
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



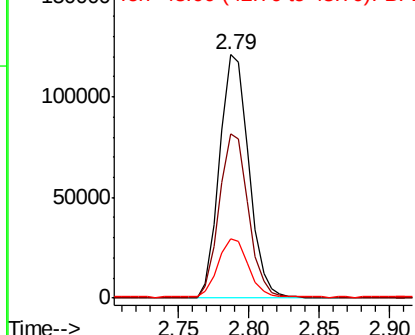
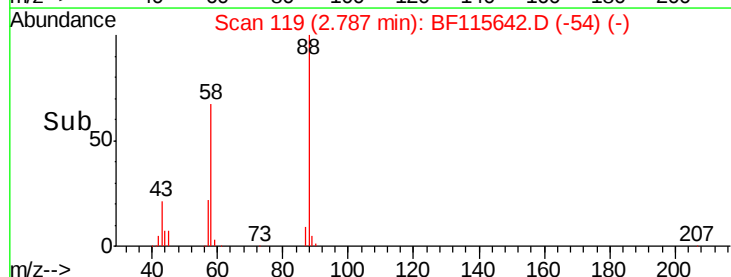
#2

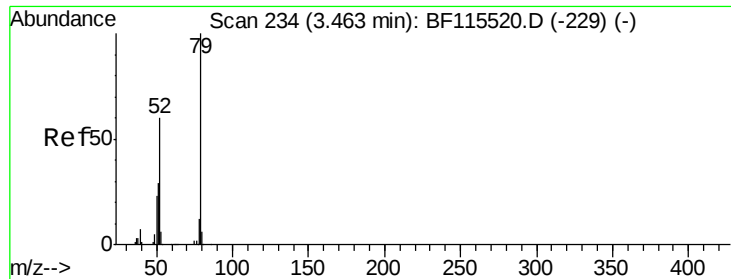
1,4-Dioxane
Concen: 29.776 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion: 88 Resp: 174766
Ion Ratio Lower Upper
88 100
58 67.1 52.6 79.0
43 24.5 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: 27.798 ng

RT: 3.54 min Scan# 247

Delta R.T. 0.08 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

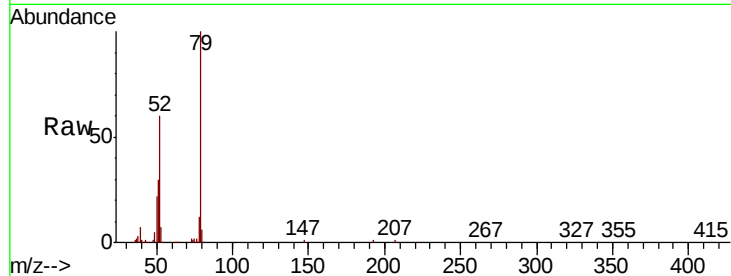
Tot Ion: 79 Resp: 442661

Ion Ratio Lower Upper

79 100

52 60.4 47.8 71.6

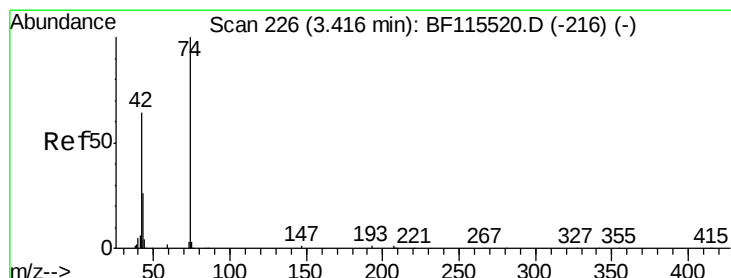
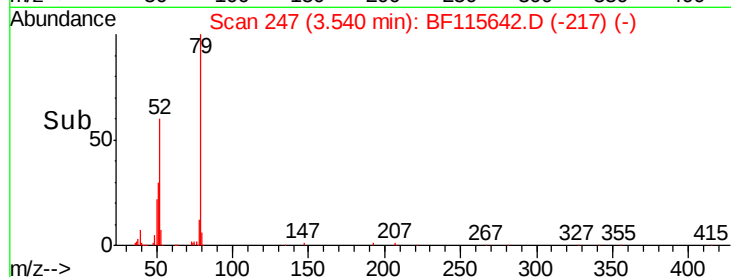
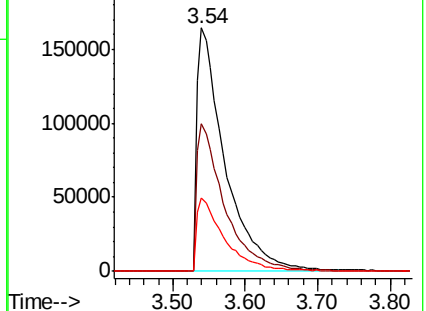
51 29.9 23.8 35.8



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: 34.481 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

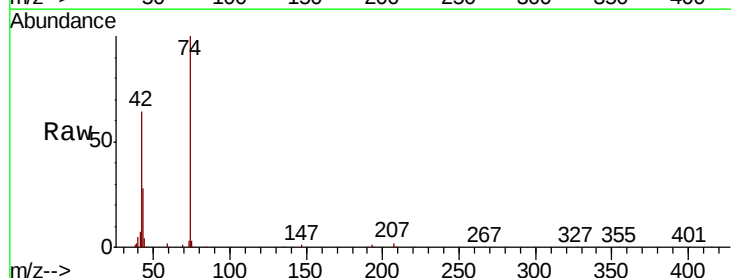
Tgt Ion: 42 Resp: 199191

Ion Ratio Lower Upper

42 100

74 156.9 127.5 191.3

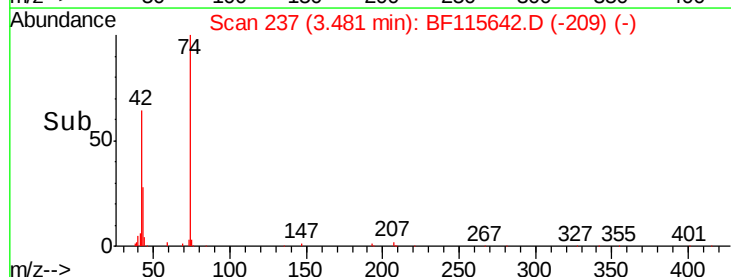
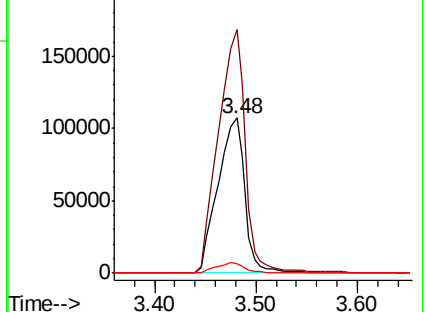
44 6.3 5.0 7.6

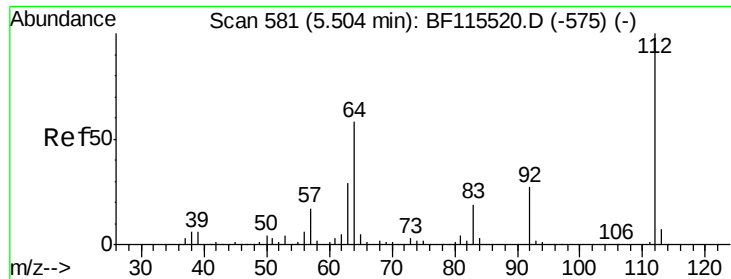


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 102.655 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

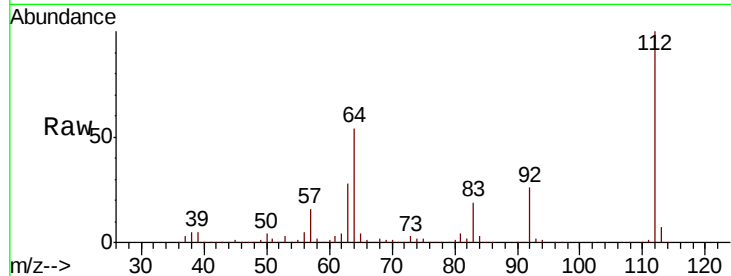
Tot Ion:112 Resp: 1207876

Ion Ratio Lower Upper

112 100

64 54.1 46.8 70.2

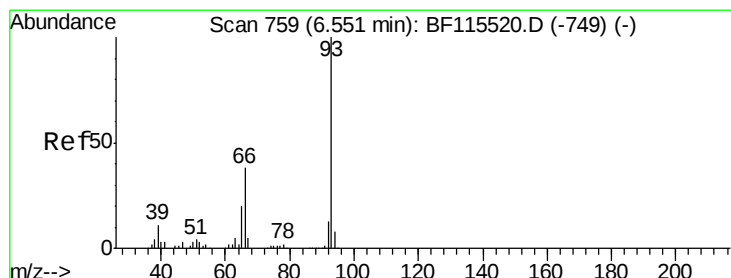
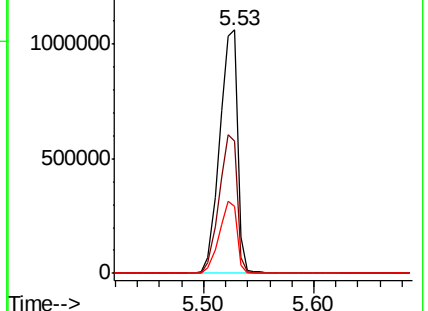
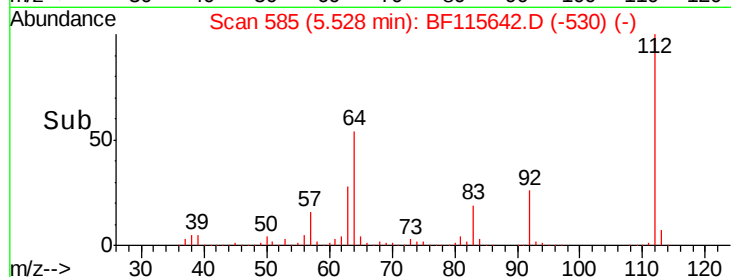
63 27.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.040 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

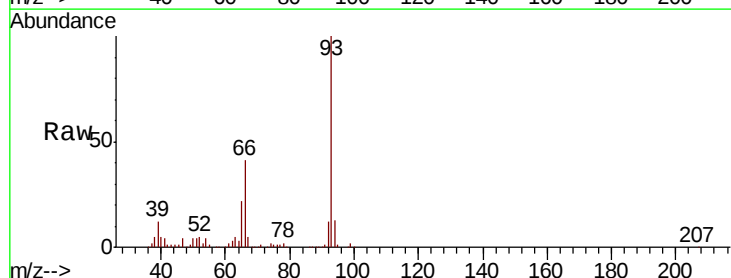
Tgt Ion: 93 Resp: 499492

Ion Ratio Lower Upper

93 100

66 40.6 31.7 47.5

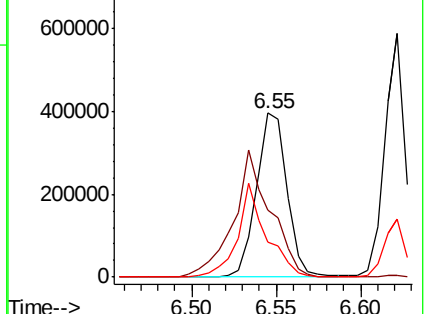
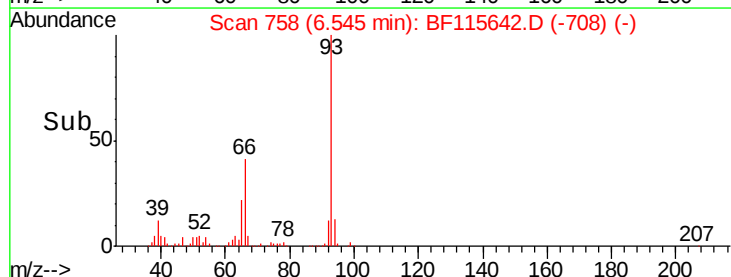
65 21.5 16.2 24.2

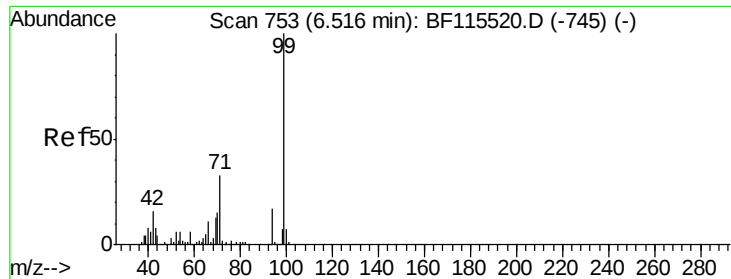


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.194 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

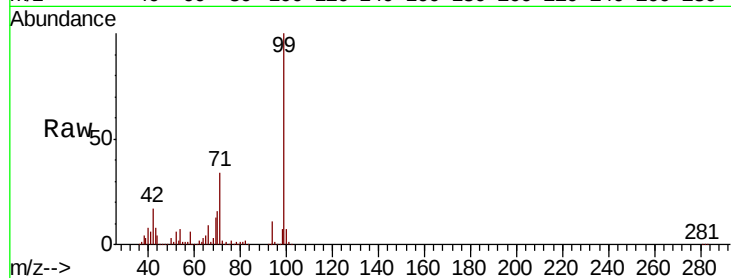
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1615356

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	34.2	28.5	42.7

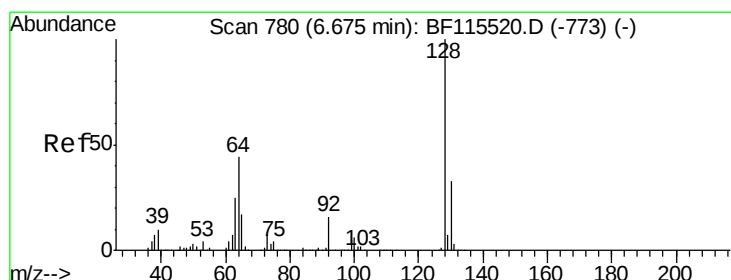
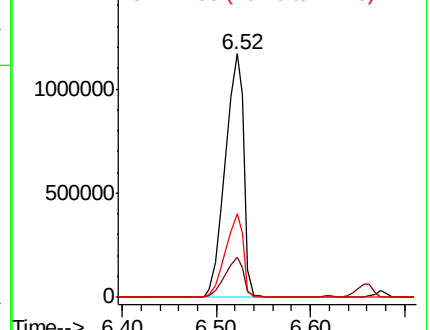
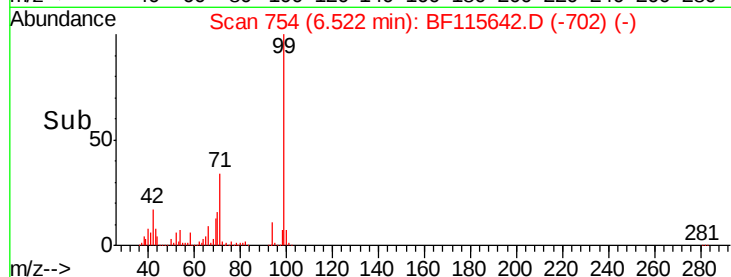


Abundance

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: 37.083 ng

RT: 6.67 min Scan# 780

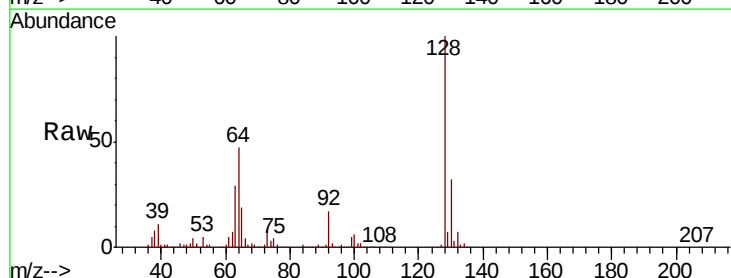
Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion: 128 Resp: 501656

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	46.9	26.8	66.8

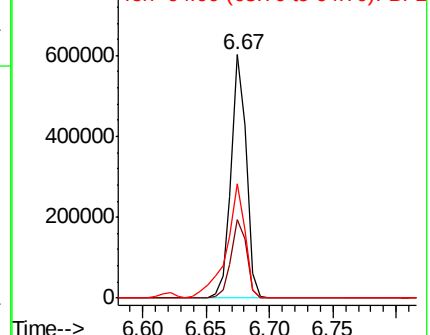
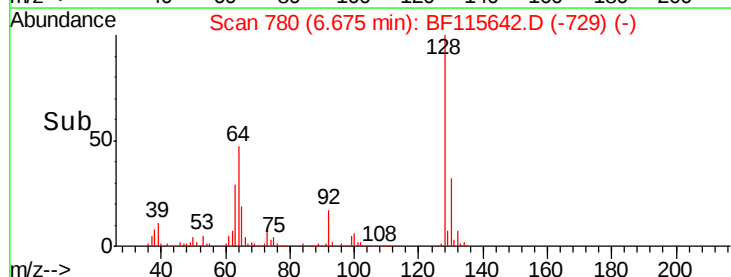


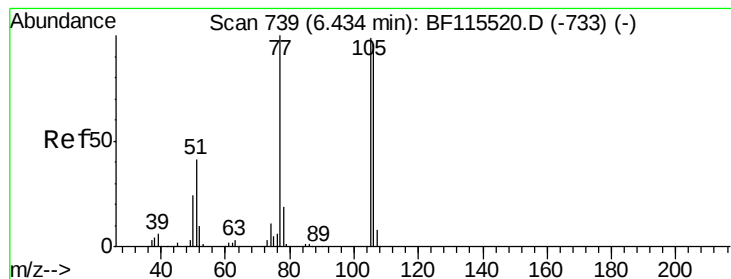
Abundance

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: 5.011 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

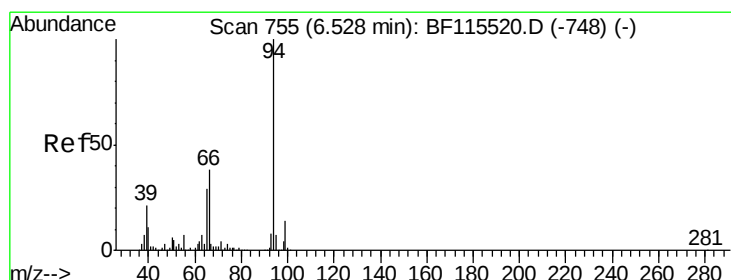
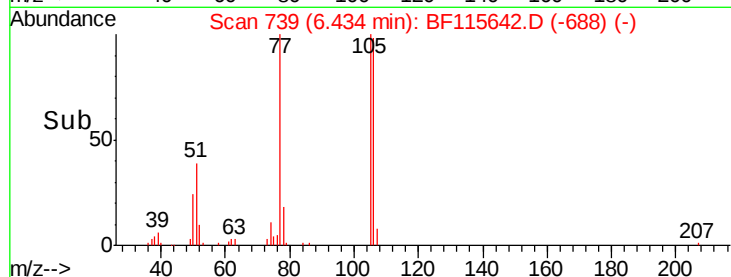
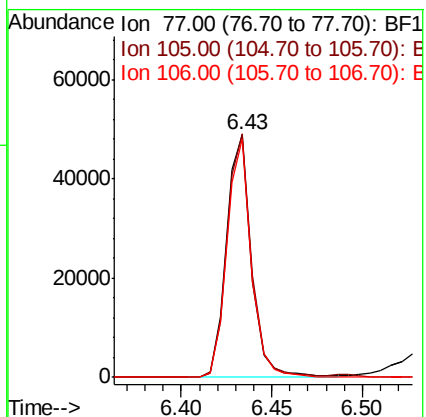
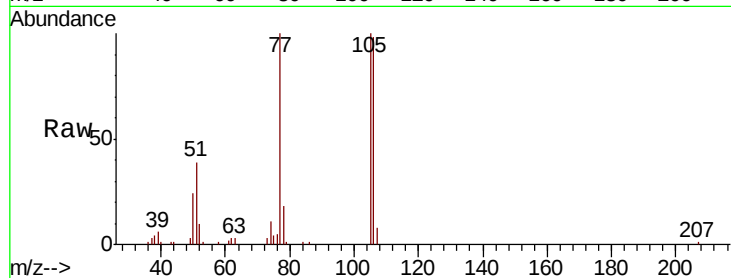
Tot Ion: 77 Resp: 46749

Ion Ratio Lower Upper

77 100

105 100.4 78.8 118.8

106 98.3 75.6 115.6



#10

Phenol

Concen: 35.929 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

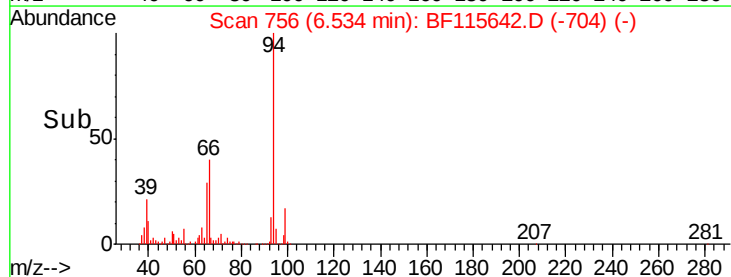
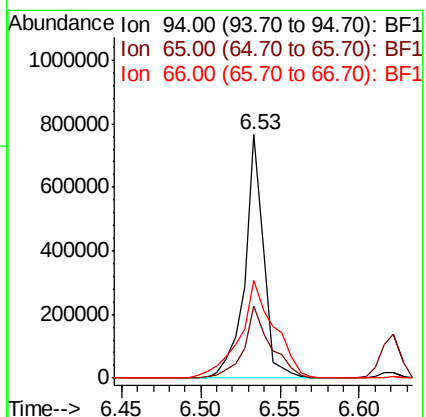
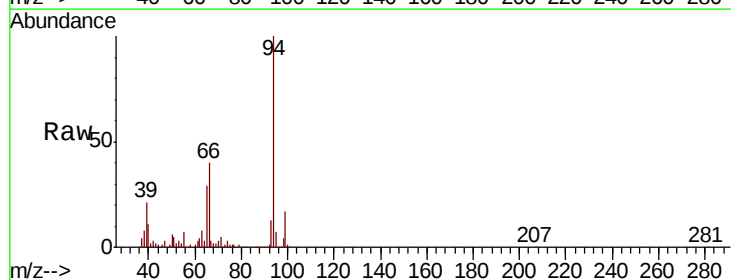
Tgt Ion: 94 Resp: 622717

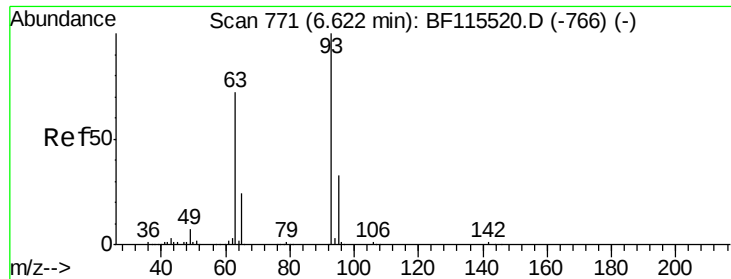
Ion Ratio Lower Upper

94 100

65 29.5 14.5 54.5

66 40.1 31.3 71.3

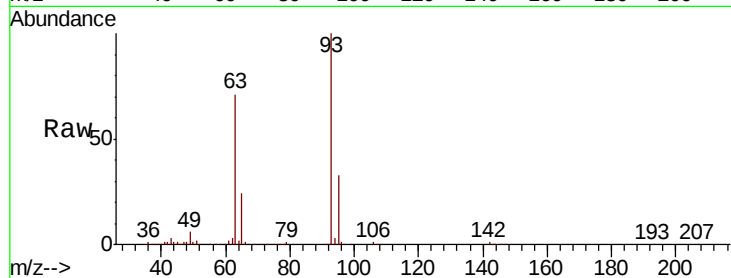




#11
bis(2-Chloroethyl)ether
Concen: 37.106 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.1	52.2	92.2
95	33.0	12.9	52.9

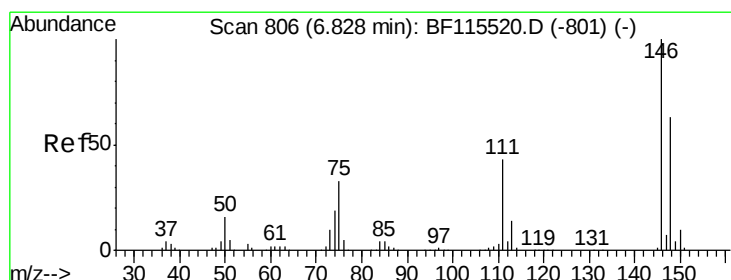
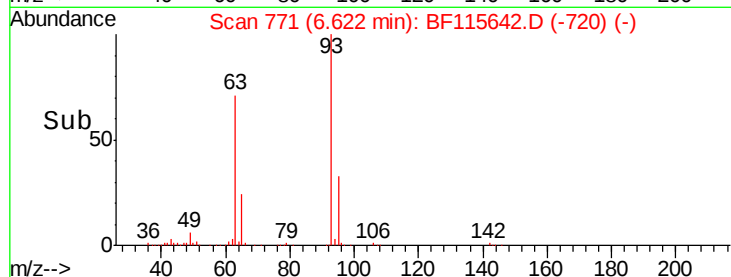
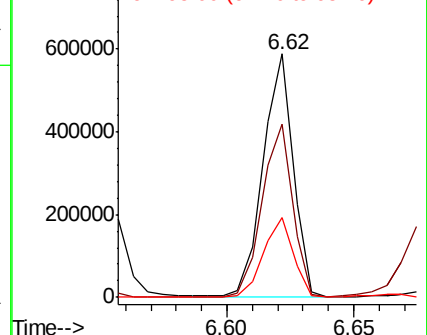


Abundance

Ion 93.00 (92.70 to 93.70): BF1

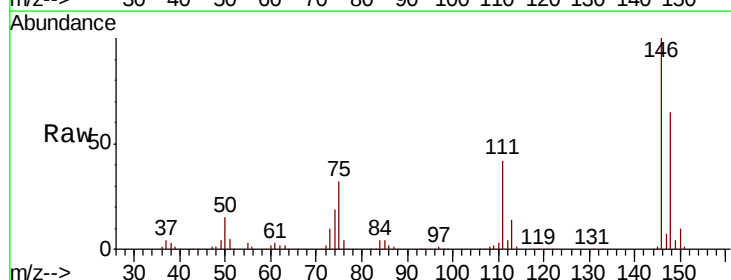
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 32.938 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	31.7	24.9	37.3

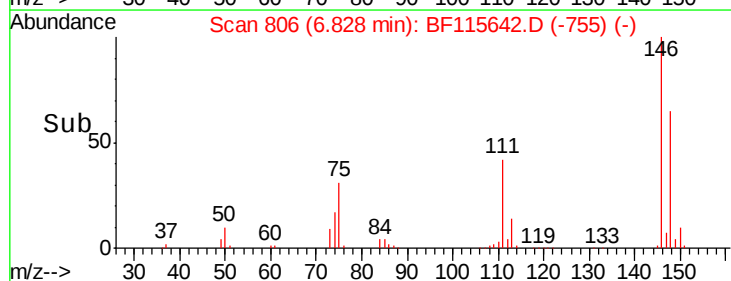
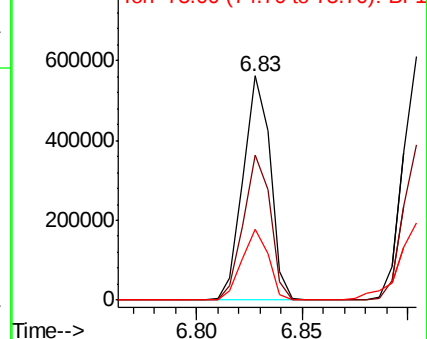


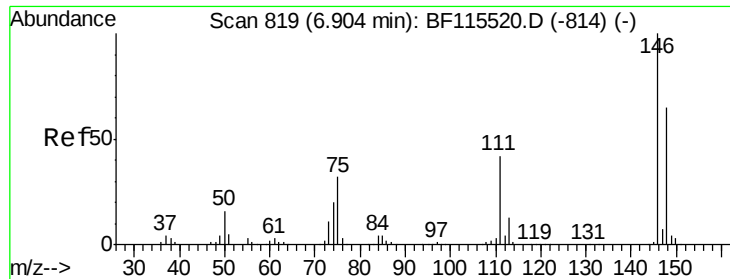
Abundance

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

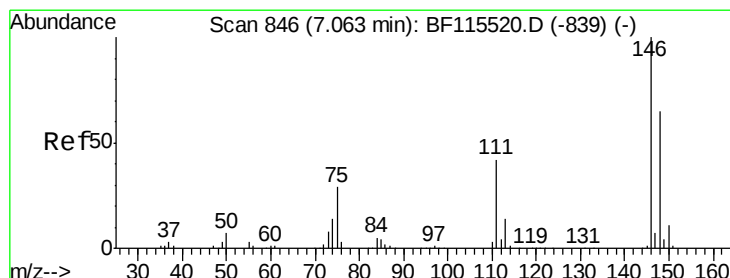
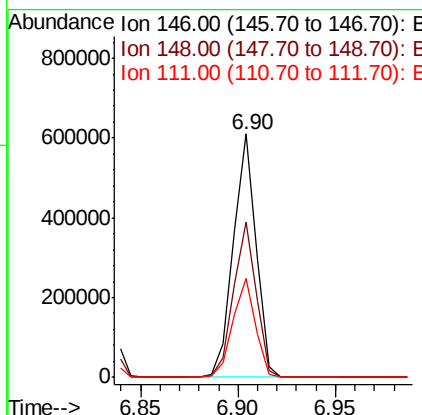
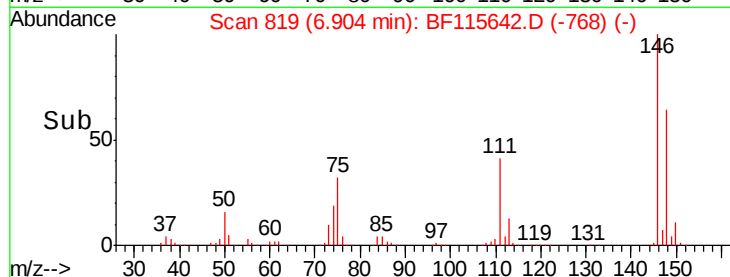
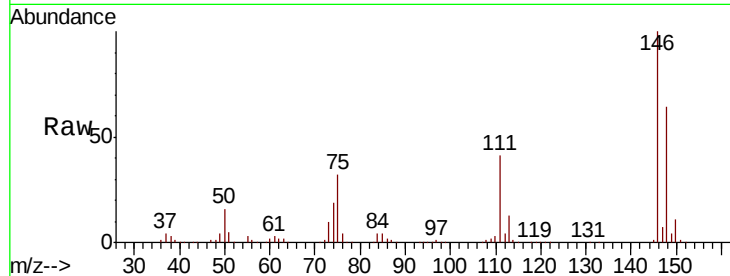




#13
 1,4-Dichlorobenzene
 Concen: 32.427 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

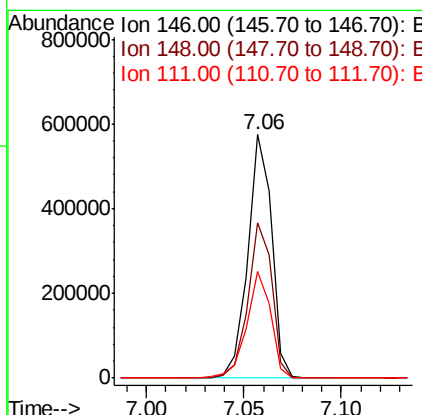
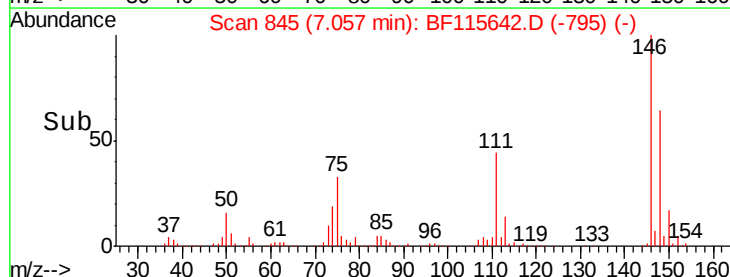
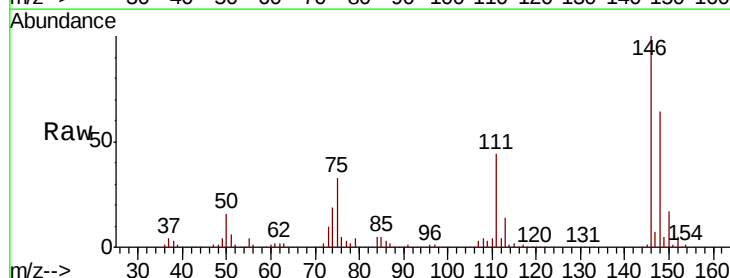
Instrument :
 BNA_F
 ClientSampleId :

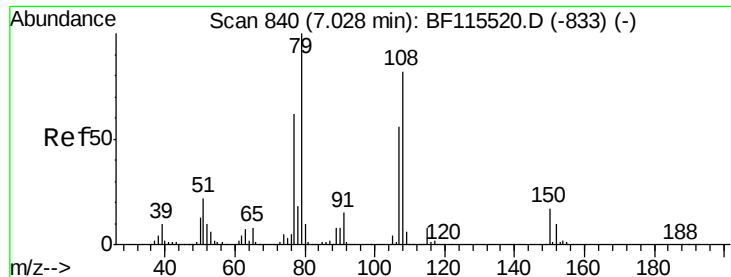
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	40.8	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 35.060 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

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





#15

Benzyl Alcohol

Concen: 37.711 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

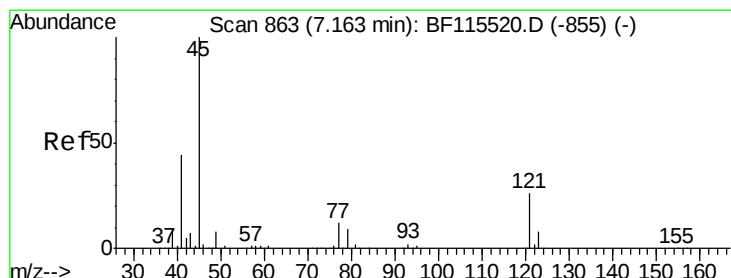
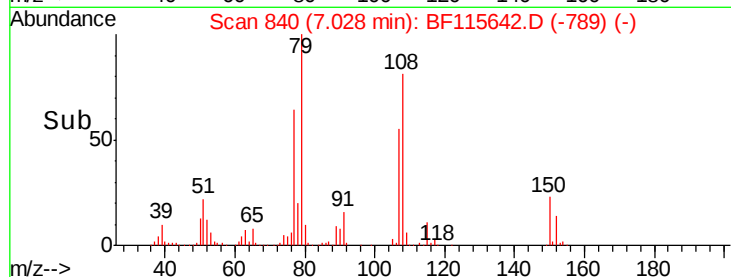
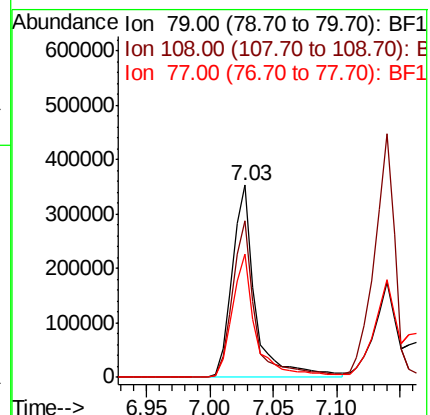
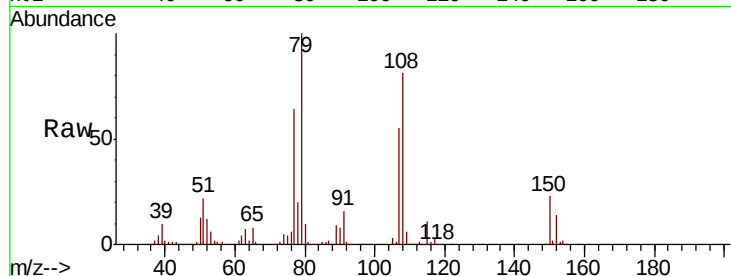
Tot Ion: 79 Resp: 446643

Ion Ratio Lower Upper

79 100

108 81.2 64.2 96.4

77 64.2 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.633 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

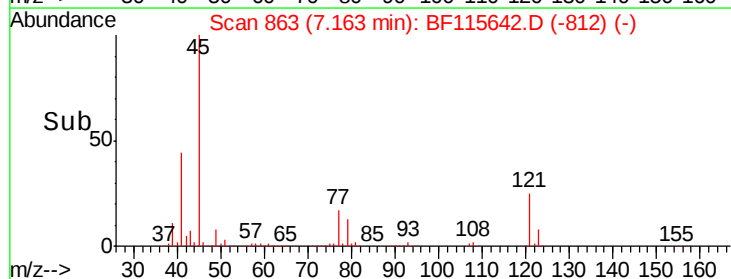
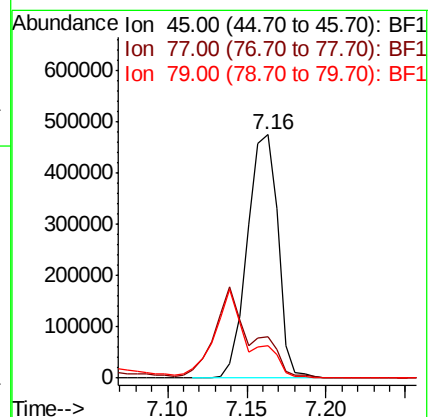
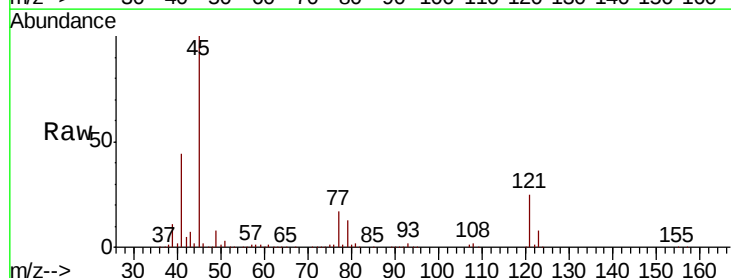
Tgt Ion: 45 Resp: 636418

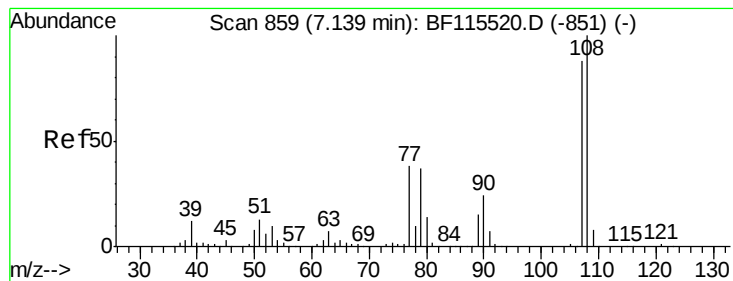
Ion Ratio Lower Upper

45 100

77 16.9 0.0 38.1

79 13.3 0.0 34.1

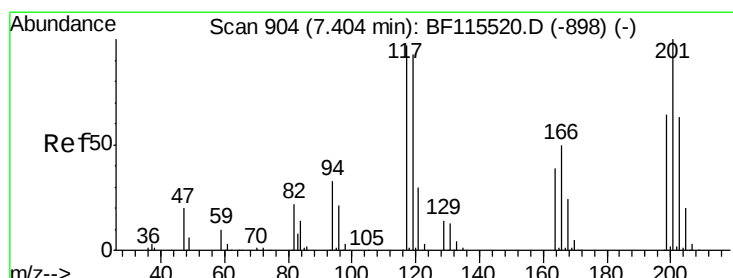
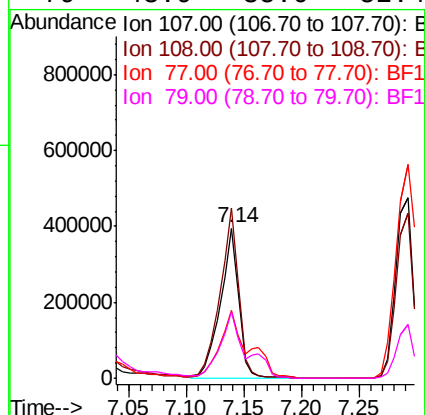
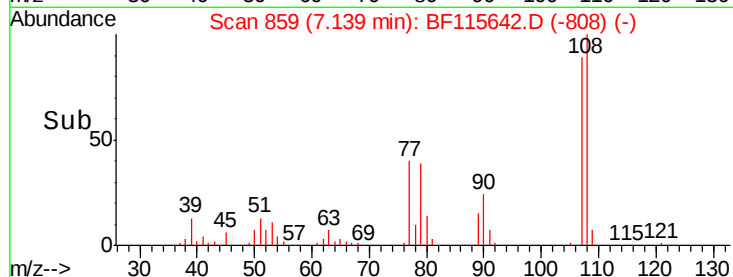
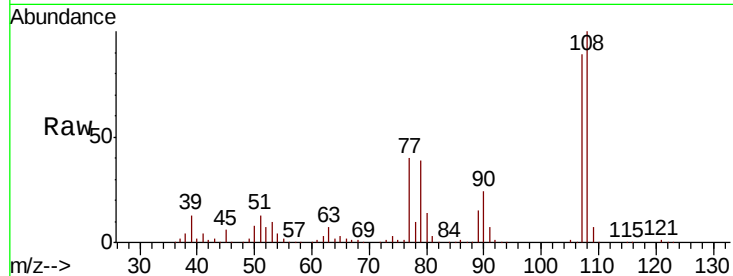




#17
2-Methylphenol
Concen: 37.827 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

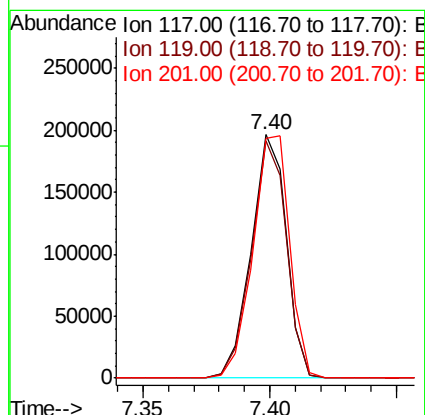
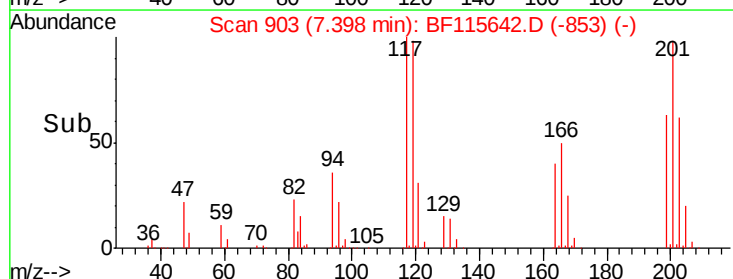
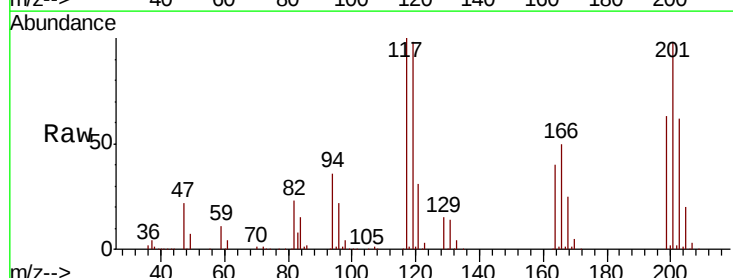
Instrument :
BNA_F
ClientSampleId :

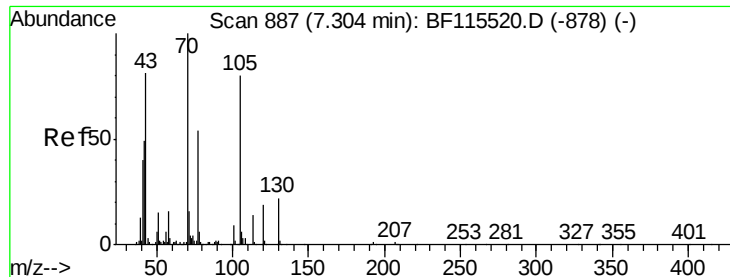
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.4	134.2
77	45.1	35.7	53.5
79	43.9	35.0	52.4



#18
Hexachloroethane
Concen: 33.642 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.7	116.5
201	98.3	86.0	129.0

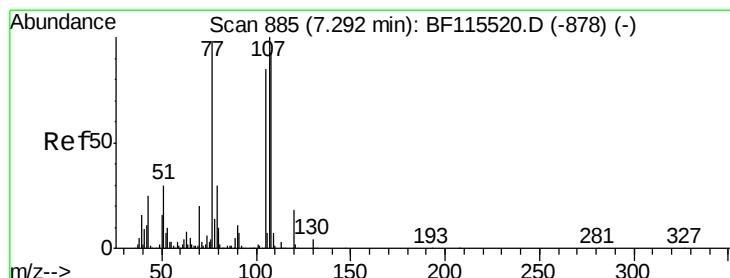
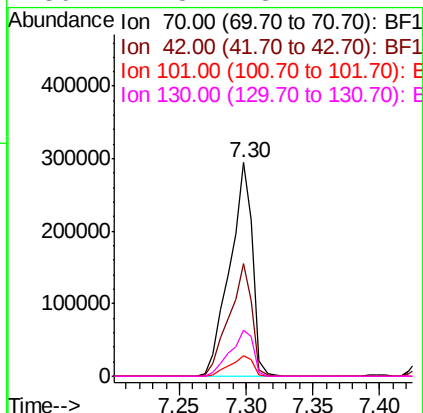
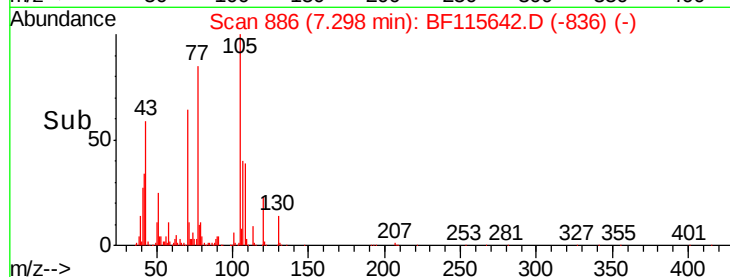
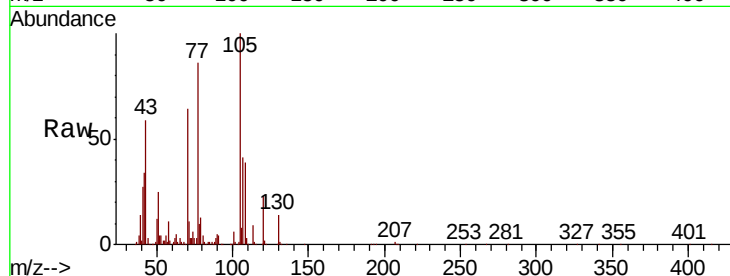




#19
n-Nitroso-di-n-propylamine
Concen: 36.199 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

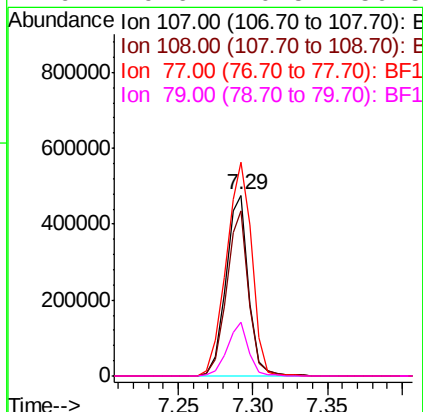
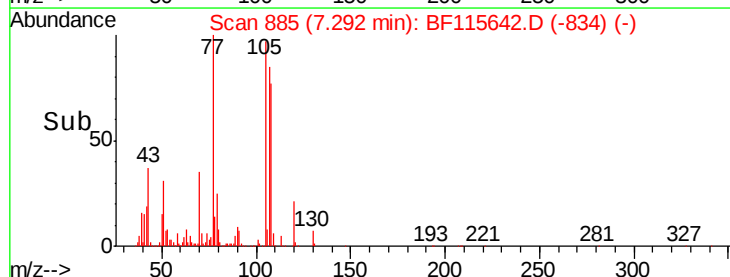
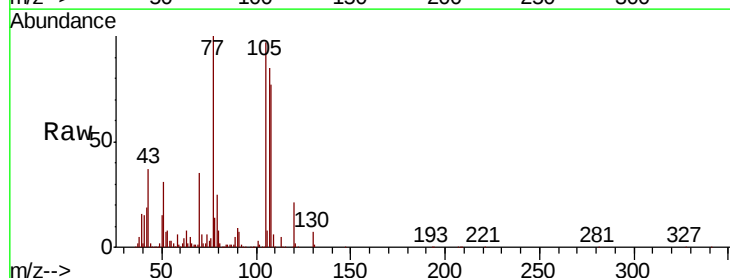
Instrument :
BNA_F
ClientSampleId :

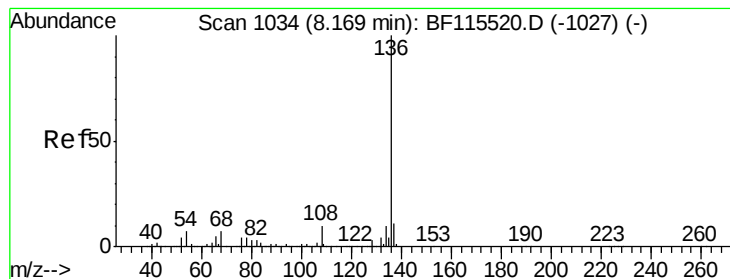
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	39.6	59.4
101	9.5	8.1	12.1
130	21.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 36.618 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.9	112.9
77	118.1	77.6	117.6#
79	29.6	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 799506

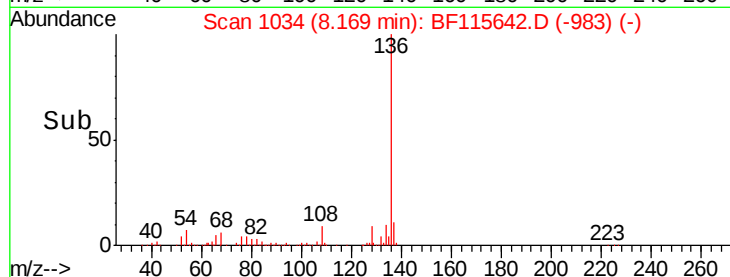
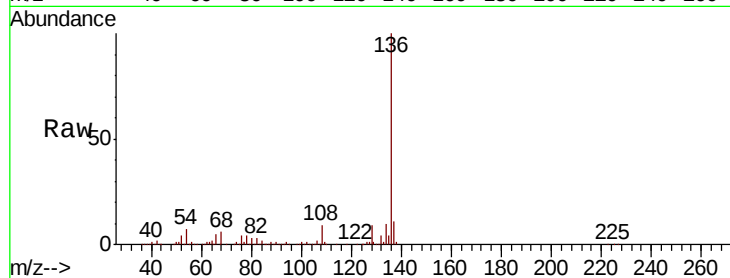
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.6 5.6 8.4

68 6.2 5.0 7.6



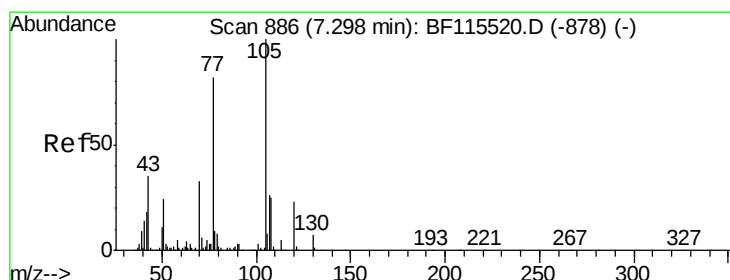
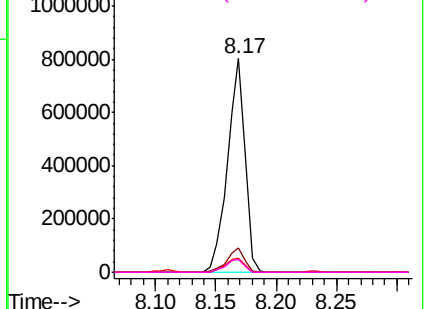
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.072 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:105 Resp: 687650

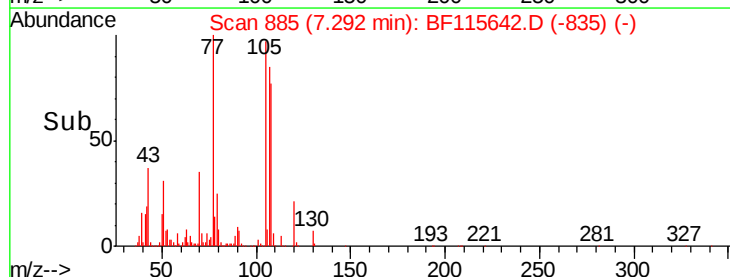
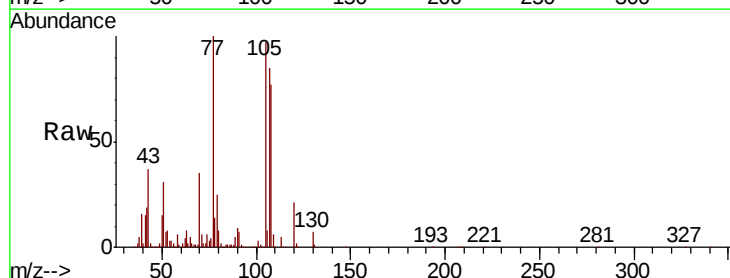
Ion Ratio Lower Upper

105 100

71 5.8 3.5 5.3#

51 32.2 25.6 38.4

120 22.1 17.9 26.9



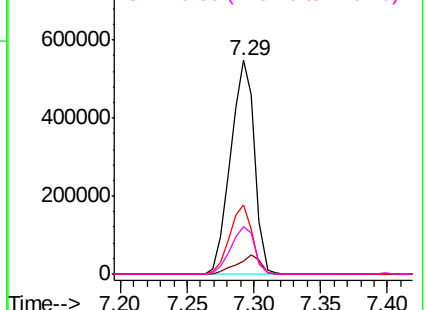
Abundance

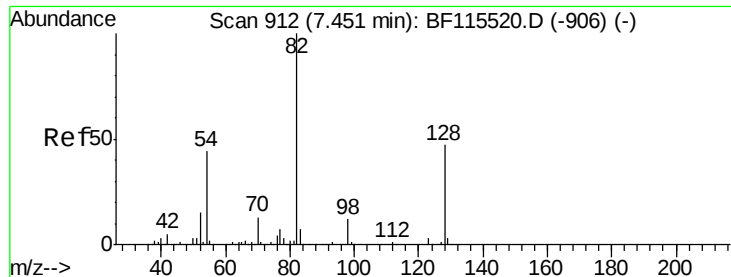
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.959 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

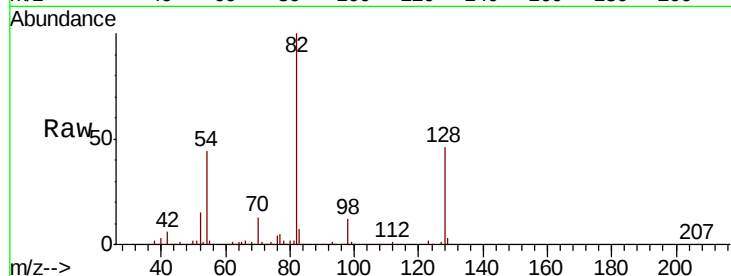
Tot Ion: 82 Resp: 989422

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

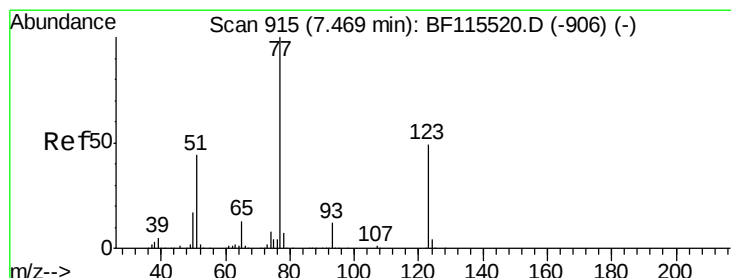
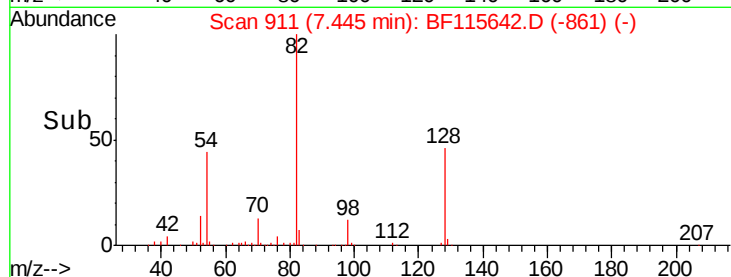
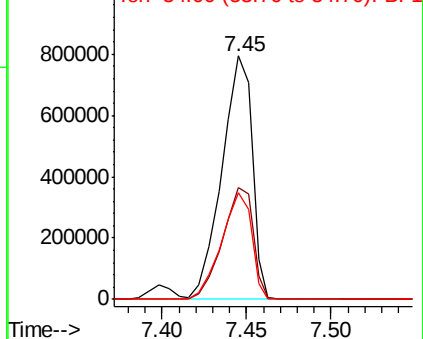
54 44.0 35.6 53.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.566 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

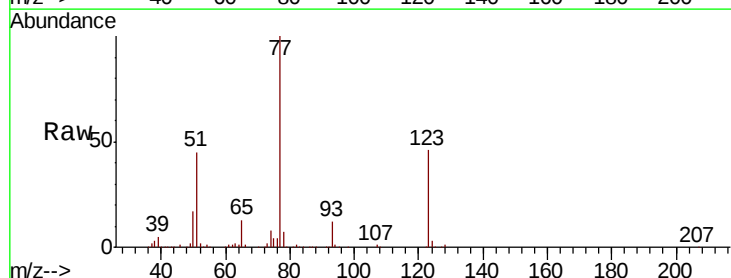
Tgt Ion: 77 Resp: 542284

Ion Ratio Lower Upper

77 100

123 45.9 40.0 60.0

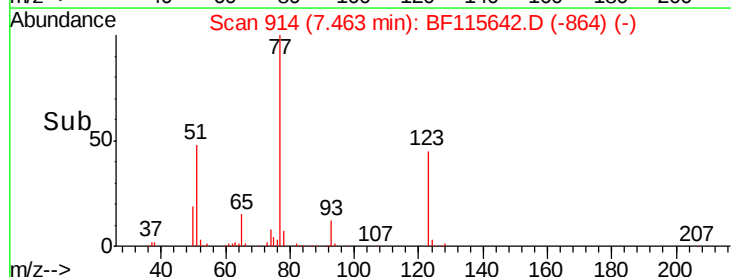
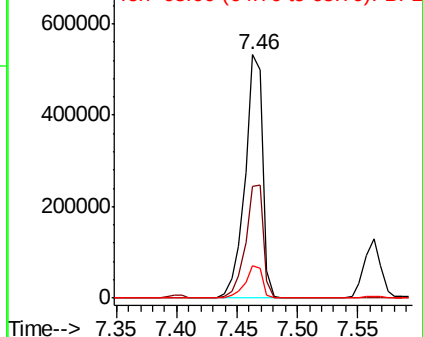
65 13.2 11.0 16.4

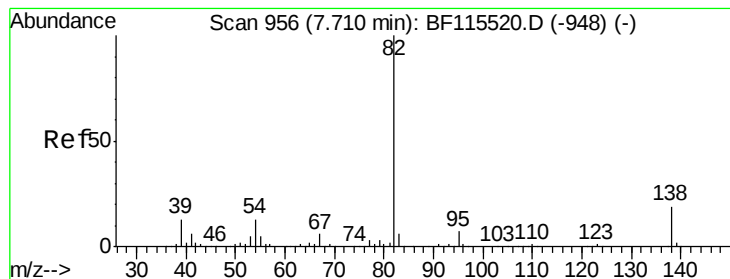


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 34.864 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

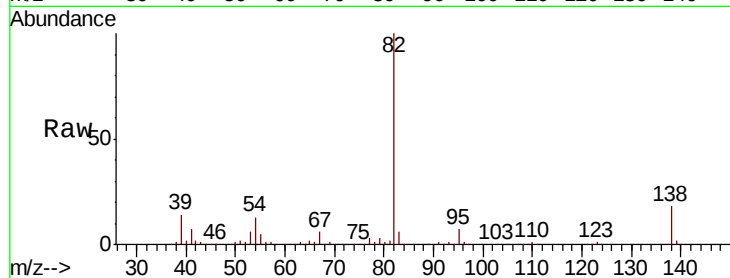
Tot Ion: 82 Resp: 959236

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

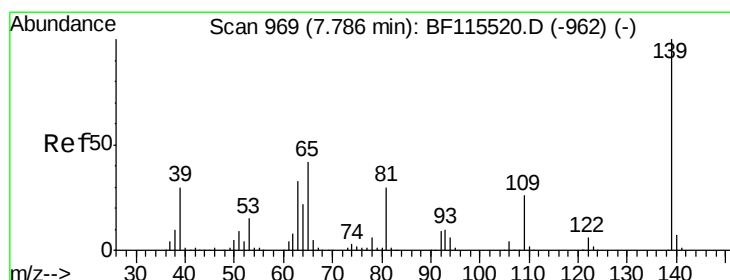
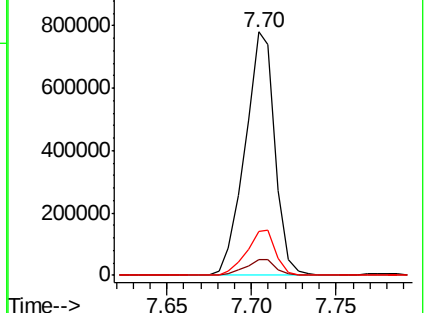
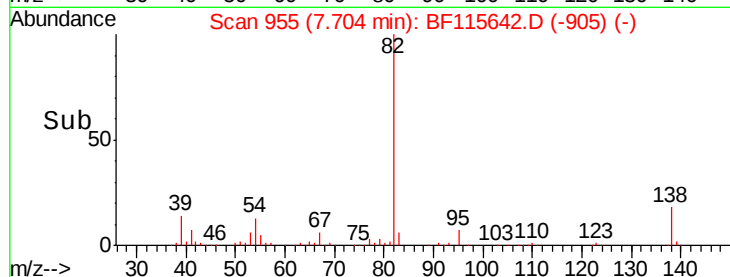
138 18.0 14.9 22.3



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: 37.260 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

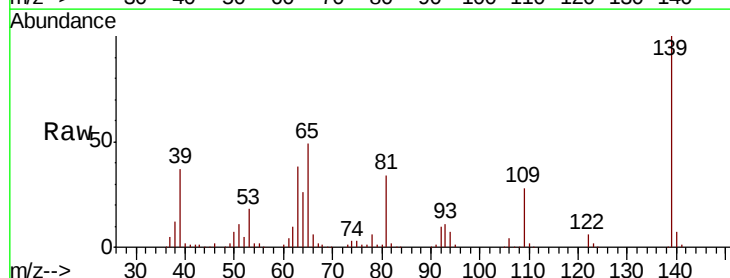
Tgt Ion: 139 Resp: 284419

Ion Ratio Lower Upper

139 100

109 27.6 23.3 34.9

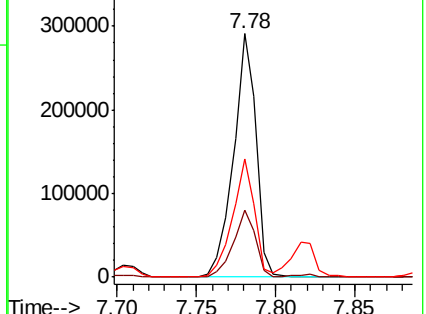
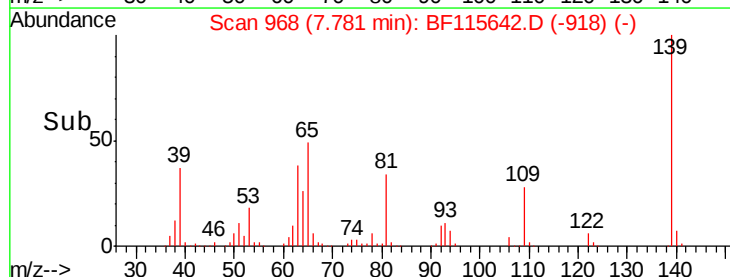
65 48.8 37.9 56.9



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

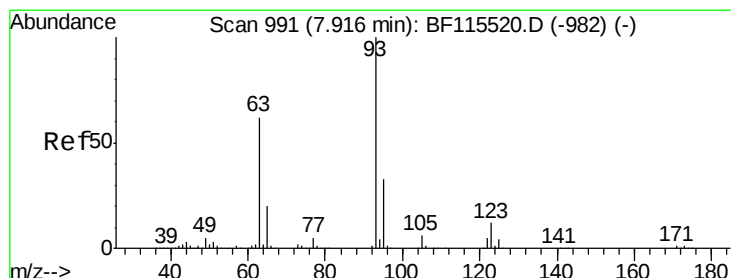
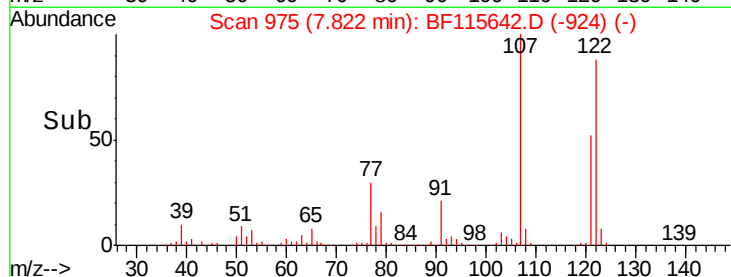
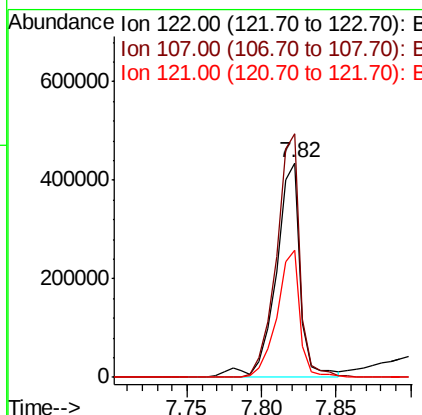
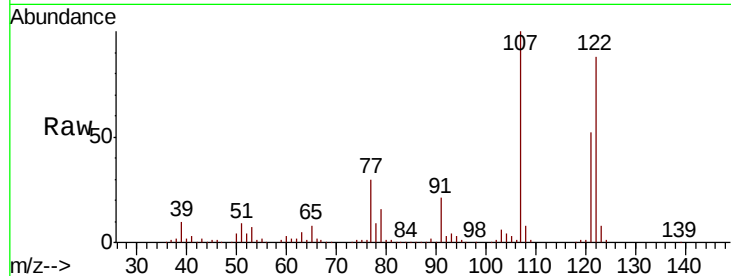




#27
 2,4-Dimethylphenol
 Concen: 43.607 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

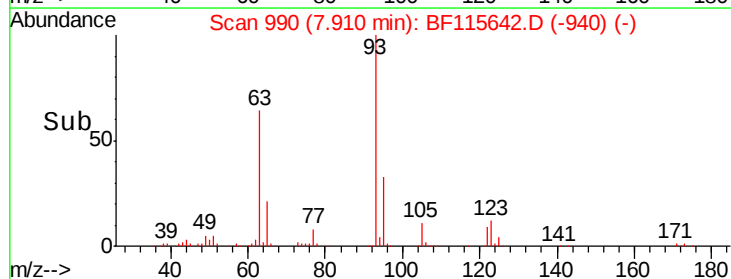
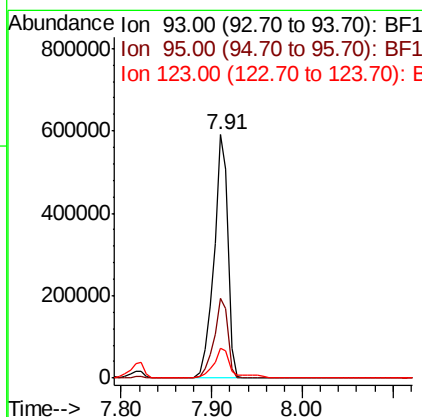
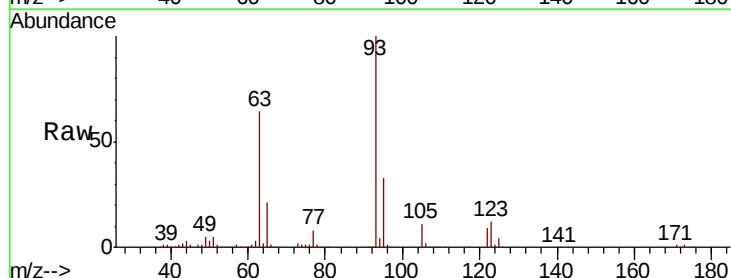
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.4	92.9	139.3
121	58.9	46.9	70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.081 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	27.0	40.4
123	12.0	9.9	14.9





#29

2,4-Dichlorophenol

Concen: 37.649 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampled :

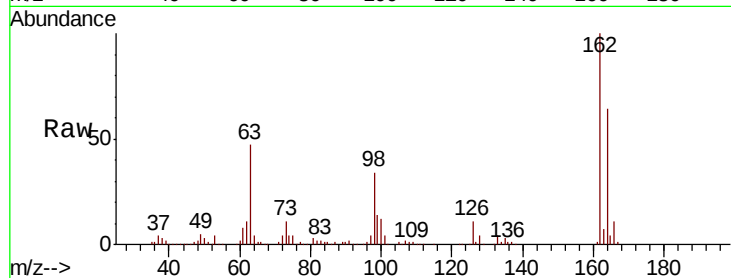
Tot Ion:162 Resp: 447206

Ion Ratio Lower Upper

162 100

164 64.3 44.9 84.9

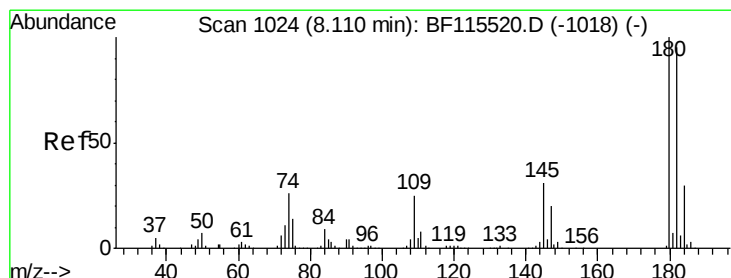
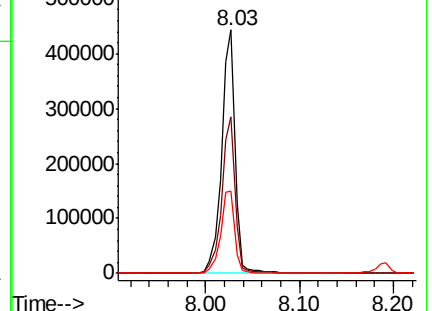
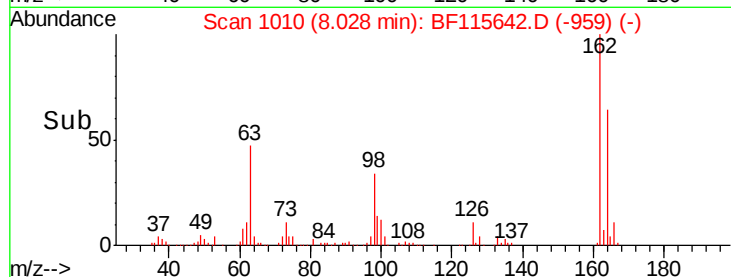
98 34.0 17.7 57.7



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: 35.155 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

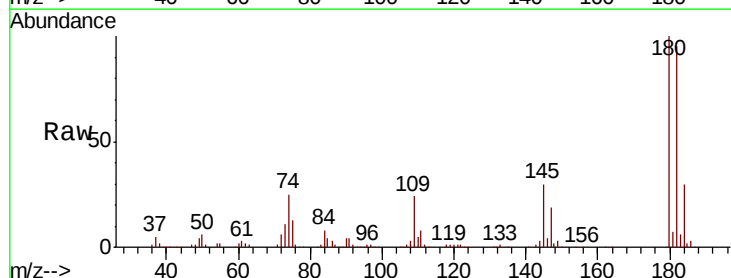
Tgt Ion:180 Resp: 472019

Ion Ratio Lower Upper

180 100

182 95.2 75.0 112.6

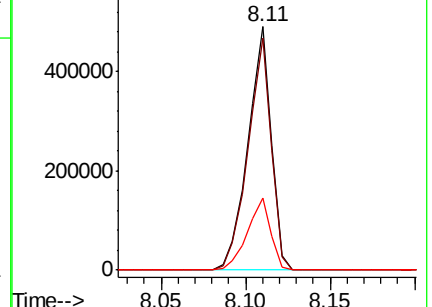
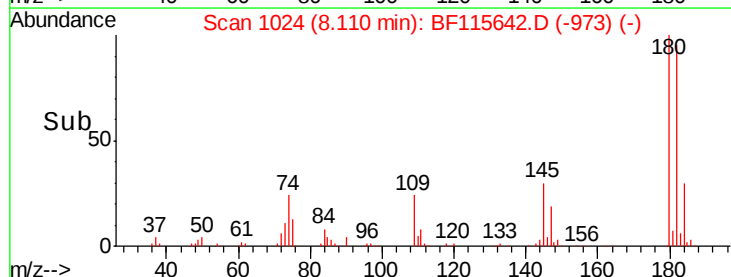
145 29.6 25.1 37.7

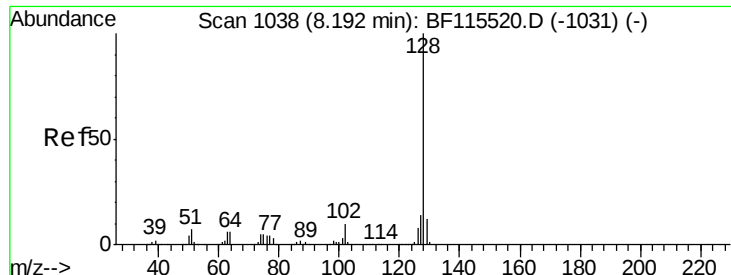


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

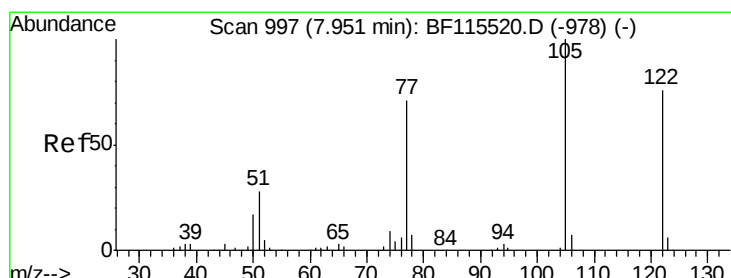
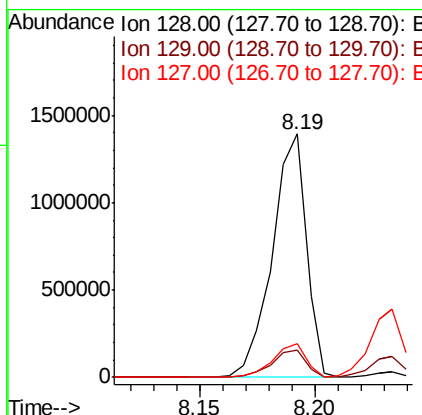
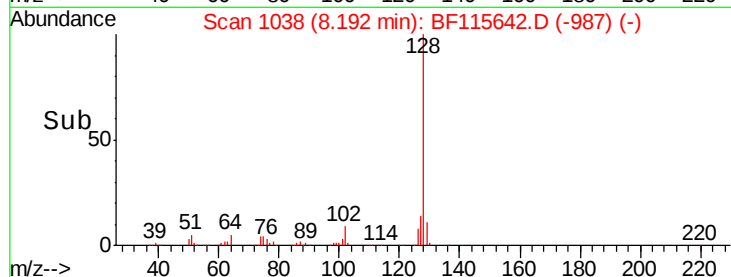
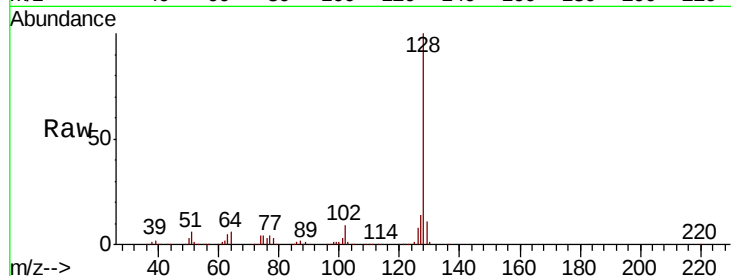




#31
Naphthalene
Concen: 36.928 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

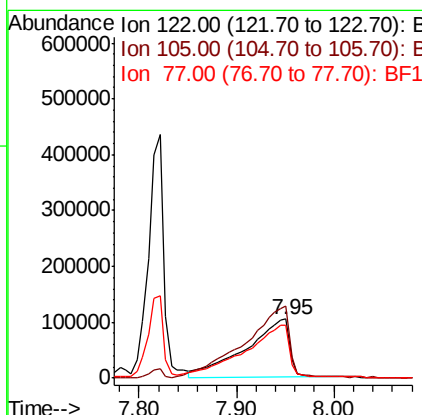
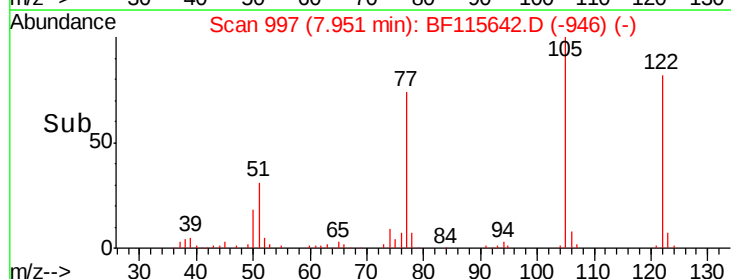
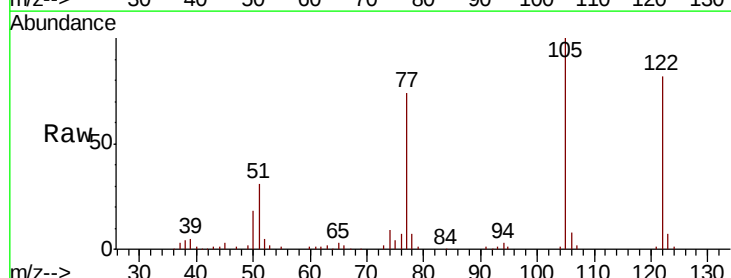
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1429877
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.7 12.1 18.1



#32
Benzoic acid
Concen: 35.286 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:122 Resp: 330743
Ion Ratio Lower Upper
122 100
105 121.3 102.5 142.5
77 90.1 70.2 110.2

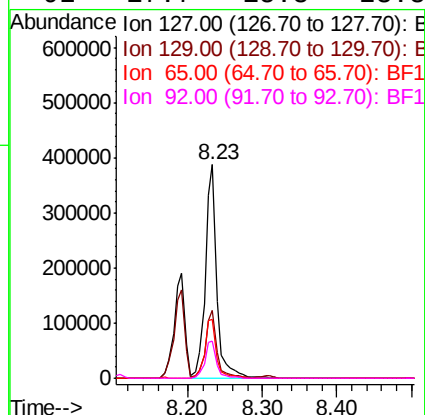
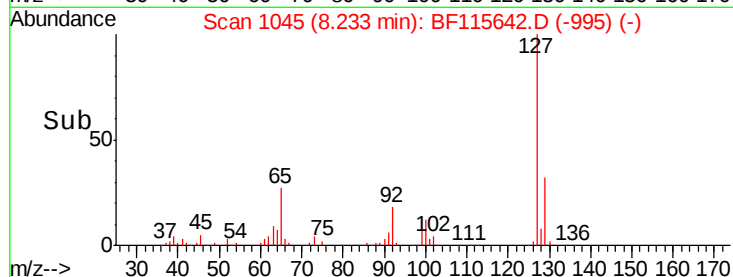
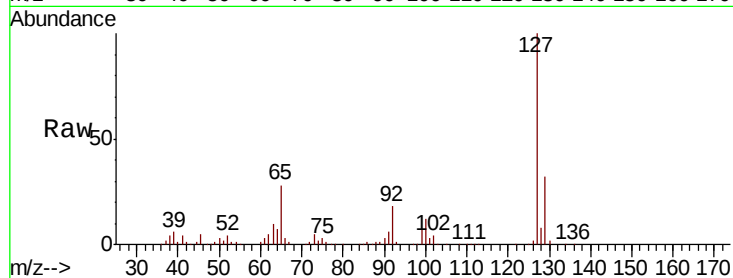




#33
 4-Chloroaniline
 Concen: 24.489 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

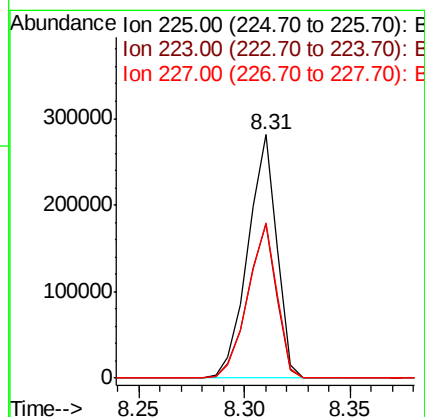
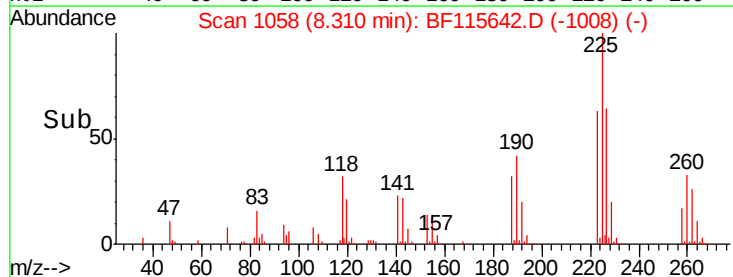
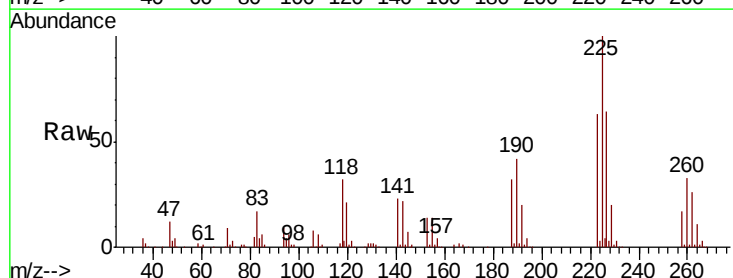
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	420016
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.6	39.8
65	27.5	23.7	35.5
92	17.7	15.8	23.8



#34
 Hexachlorobutadiene
 Concen: 34.695 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:	225	Resp:	267145
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	63.8	50.7	76.1

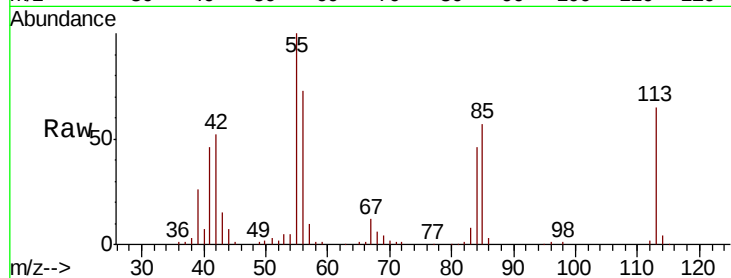




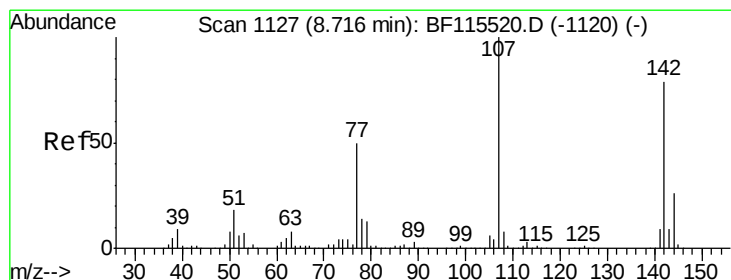
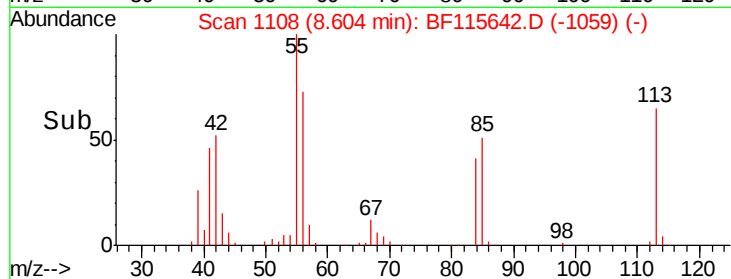
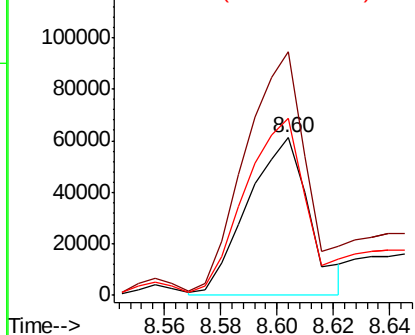
#35
 Caprolactam
 Concen: 25.211 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:113 Resp: 92537
 Ion Ratio Lower Upper
 113 100
 55 154.8 126.9 166.9
 56 112.9 90.3 130.3

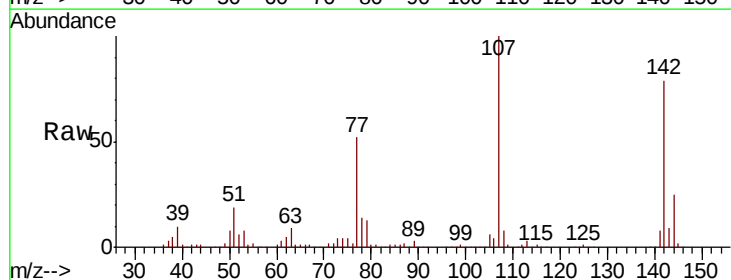


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

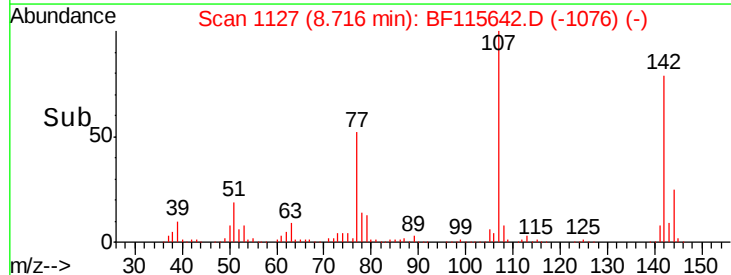
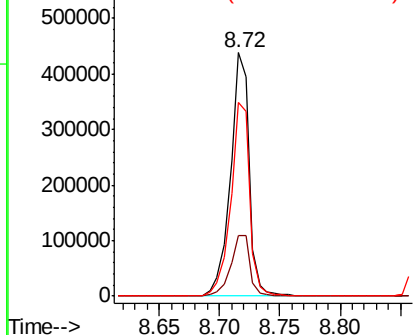


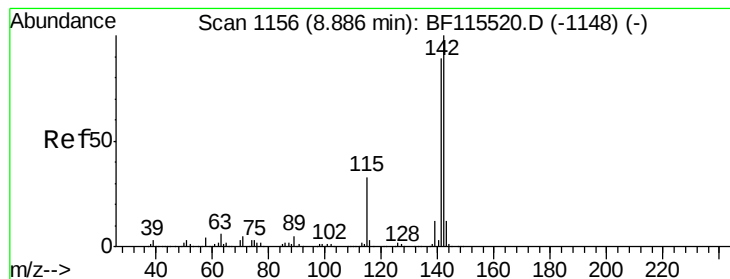
#36
 4-Chloro-3-methylphenol
 Concen: 38.521 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:107 Resp: 474638
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 30.8
 142 79.4 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: 37.993 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

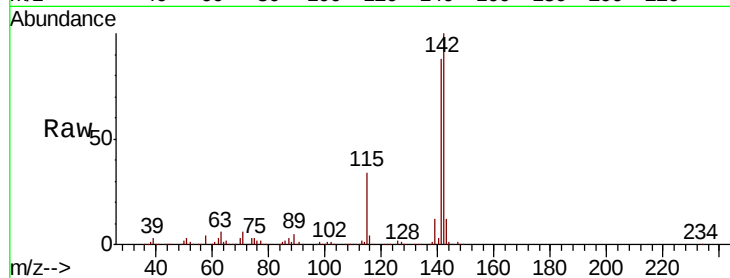
Tot Ion:142 Resp: 975139

Ion Ratio Lower Upper

142 100

141 87.9 72.0 108.0

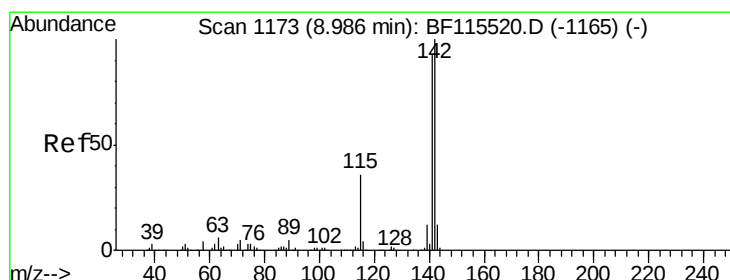
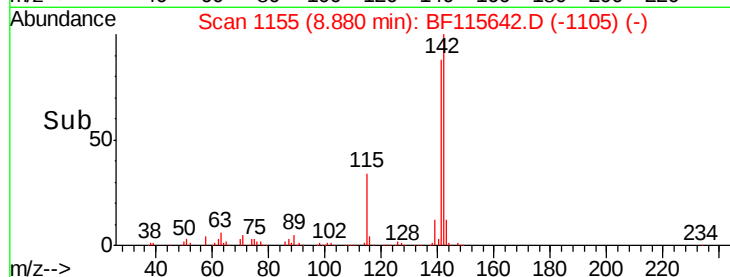
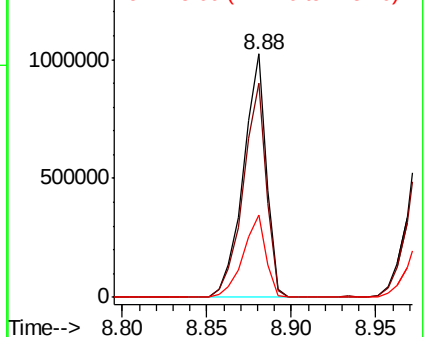
115 33.8 29.9 44.9



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: 37.302 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

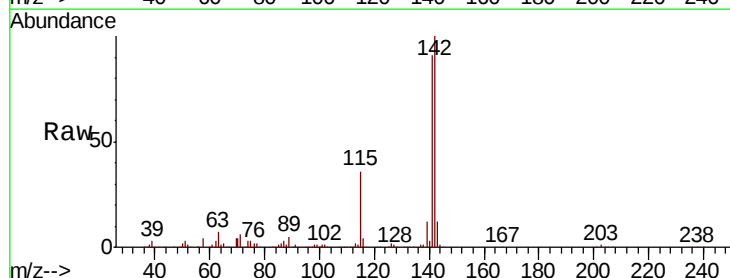
Tgt Ion:142 Resp: 909376

Ion Ratio Lower Upper

142 100

141 91.3 75.3 112.9

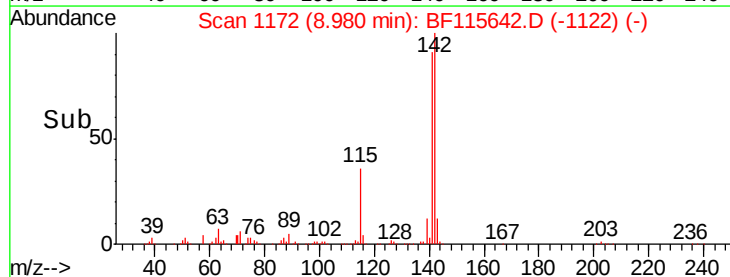
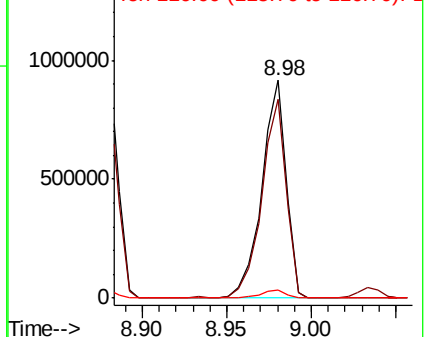
116 3.6 3.3 4.9



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

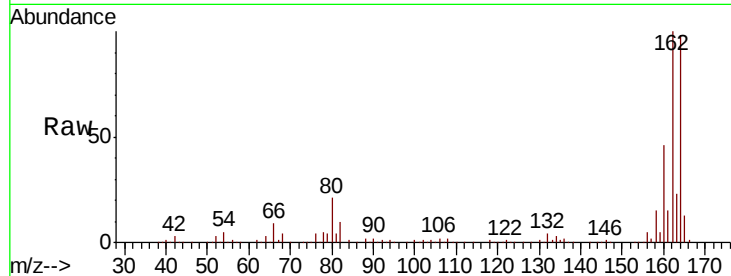




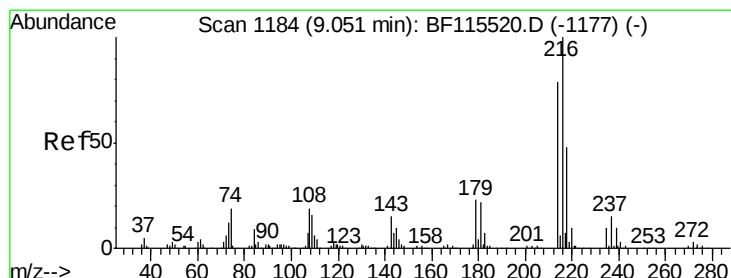
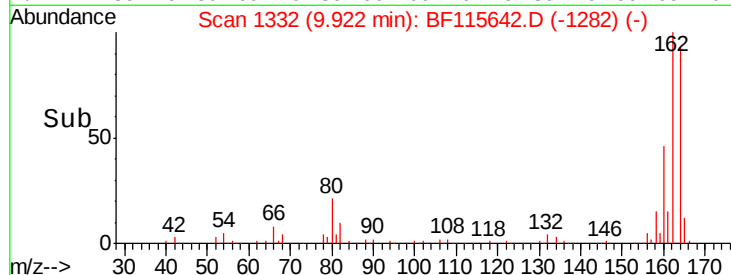
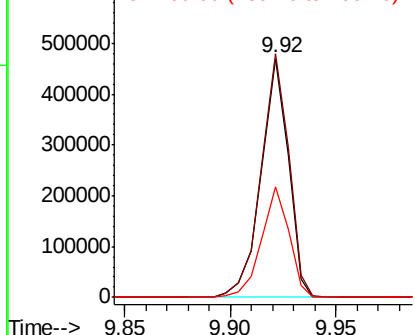
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 425425
Ion Ratio Lower Upper
164 100
162 102.0 82.9 124.3
160 46.5 36.8 55.2

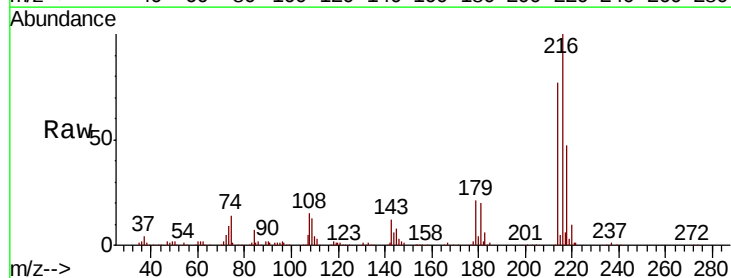


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

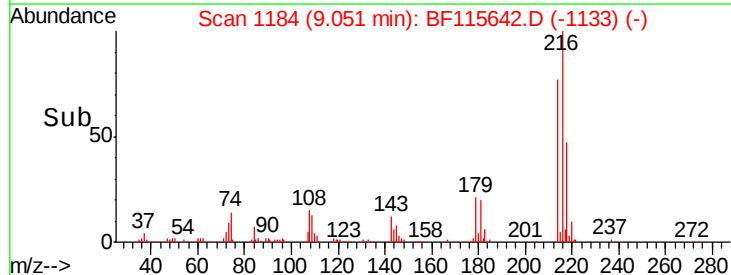
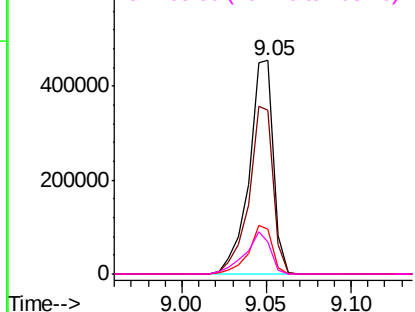


#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.869 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:216 Resp: 459524
Ion Ratio Lower Upper
216 100
214 77.9 65.1 97.7
179 22.0 18.3 27.5
108 20.4 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: 47.577 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

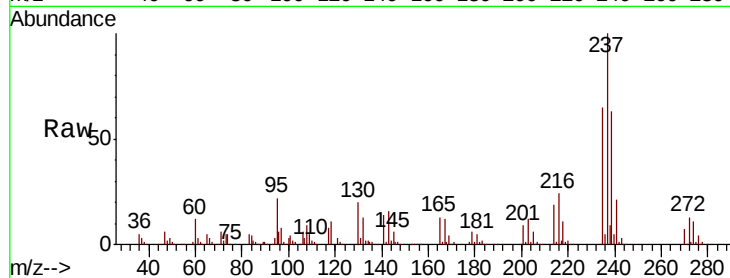
Tot Ion:237 Resp: 347690

Ion Ratio Lower Upper

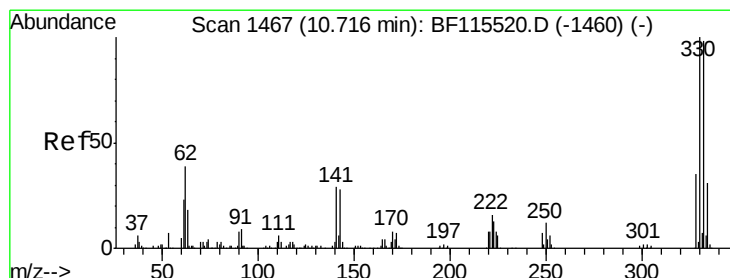
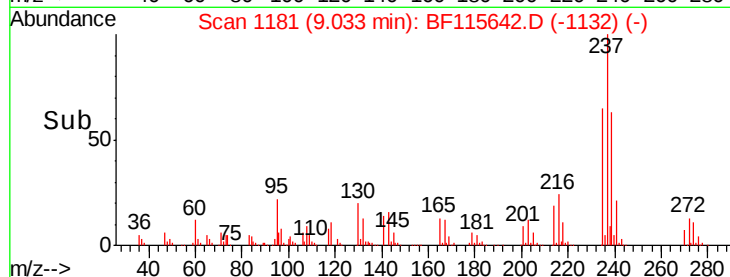
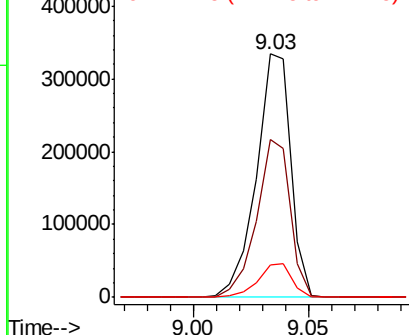
237 100

235 64.7 43.6 83.6

272 13.2 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: 97.802 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

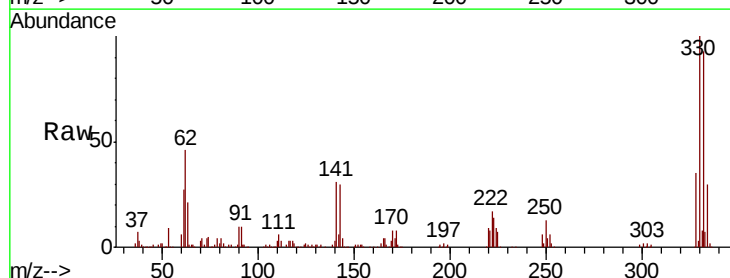
Tgt Ion:330 Resp: 485657

Ion Ratio Lower Upper

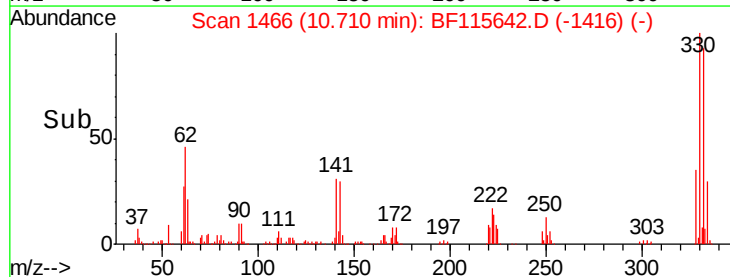
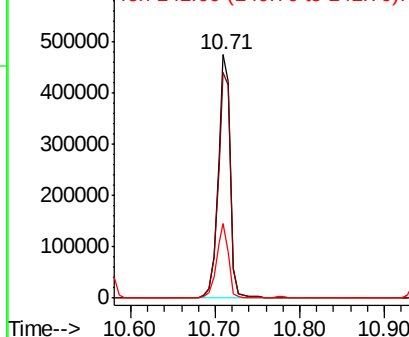
330 100

332 95.4 77.4 116.2

141 30.4 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

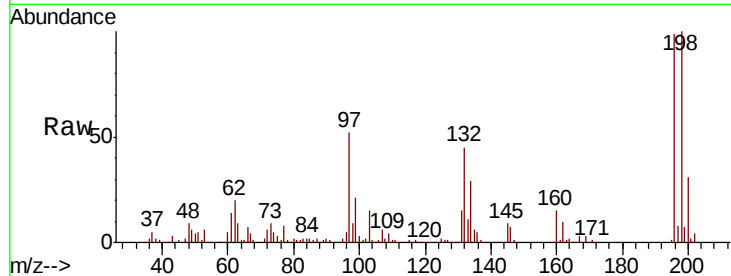




#43
 2,4,6-Trichlorophenol
 Concen: 33.485 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	198	200	Resp	313705
Ion Ratio	100	100.5	31.3	Lower	Upper
		80.6	25.8		
		121.0	38.6		

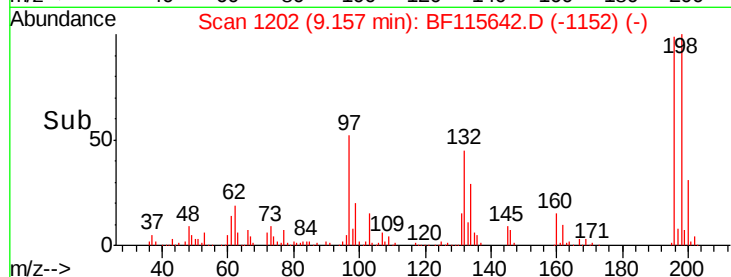
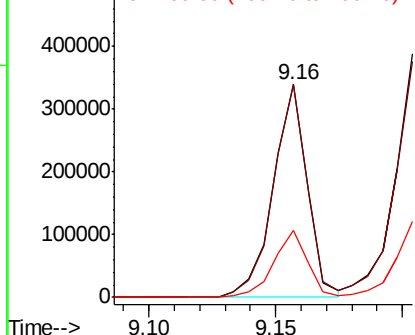


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 35.277 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion	196	198	97	132	Resp	338468
Ion Ratio	100	97.2	48.3	28.9	Lower	Upper
		79.6	37.8	22.8		
		119.4	56.6	34.2		

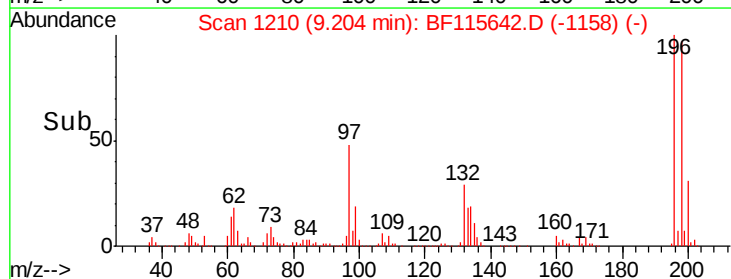
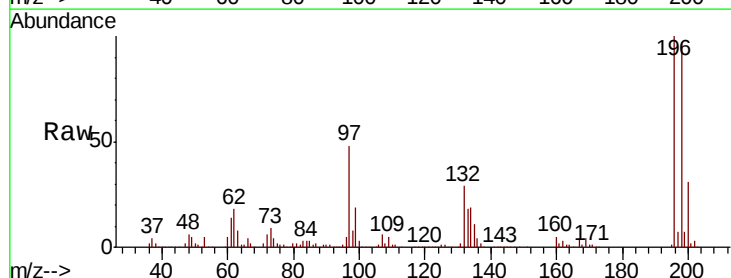
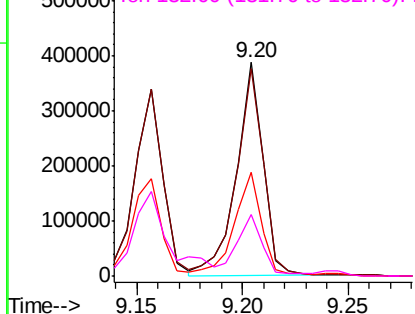
Abundance

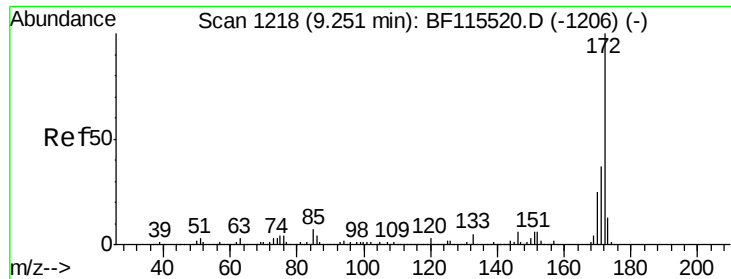
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

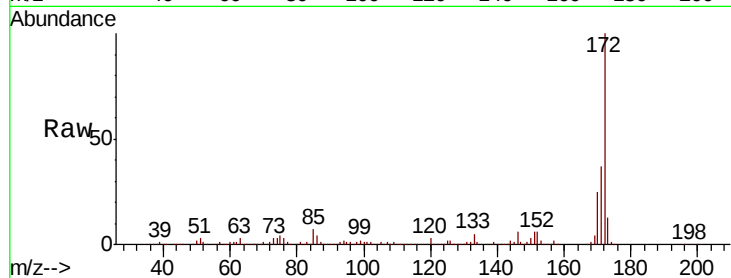




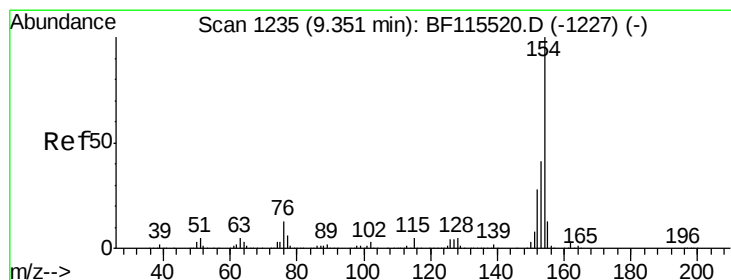
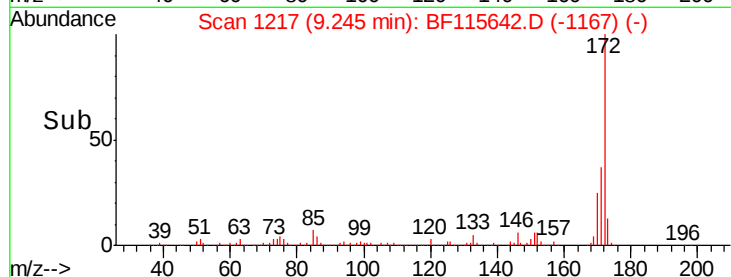
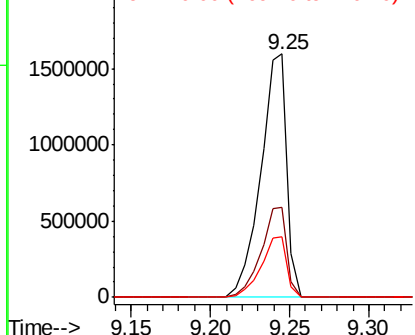
#45
2-Fluorobiphenyl
Concen: 75.139 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1826326
Ion Ratio Lower Upper
172 100
171 37.0 30.6 46.0
170 25.1 20.5 30.7

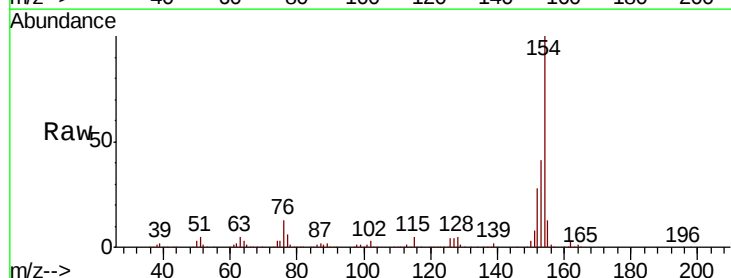


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

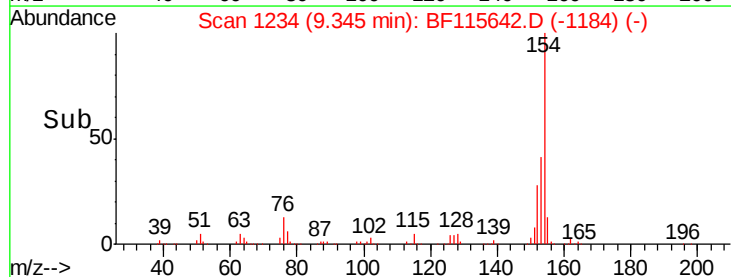
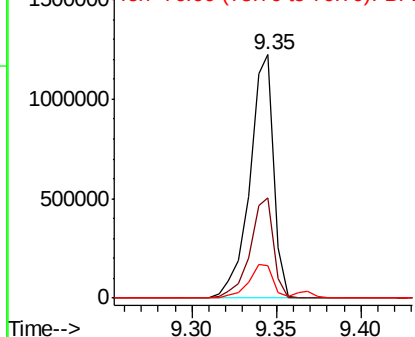


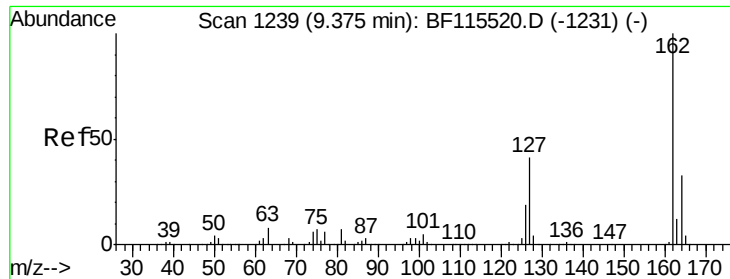
#46
1,1'-Biphenyl
Concen: 36.259 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:154 Resp: 1205936
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.1 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

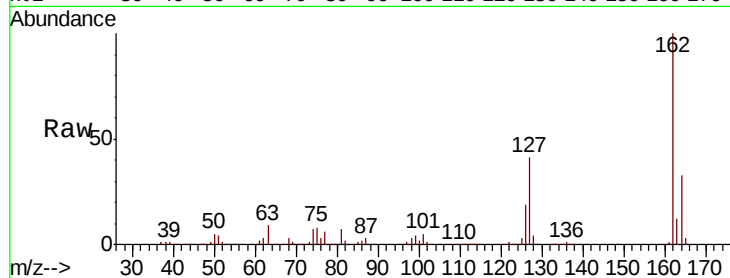




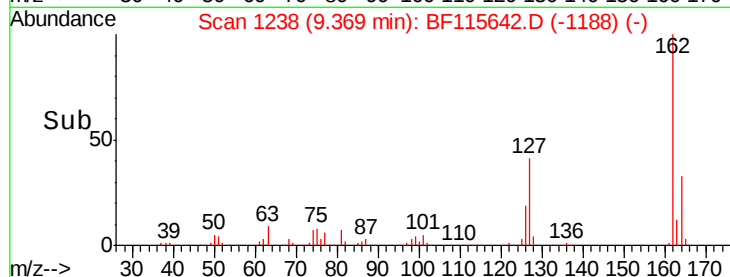
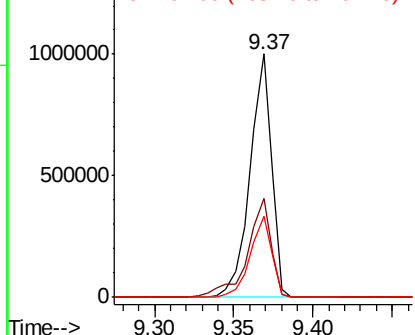
#47
 2-Chloronaphthalene
 Concen: 33.977 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 940930
 Ion Ratio Lower Upper
 162 100
 127 40.6 34.1 51.1
 164 33.5 27.4 41.2

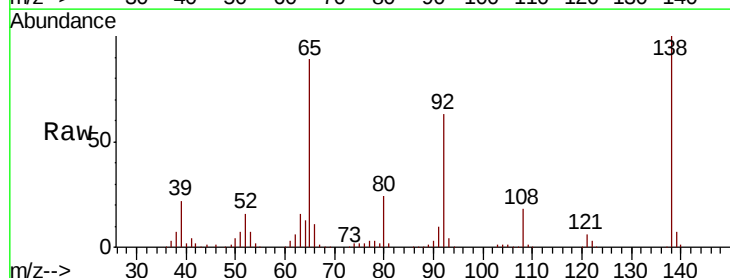


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

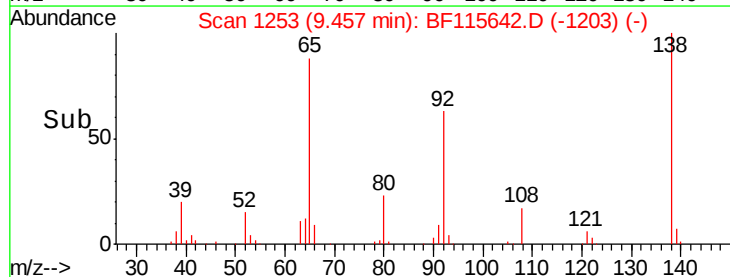
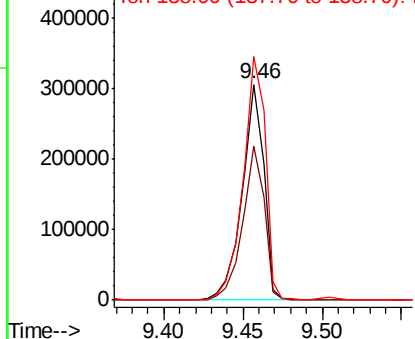


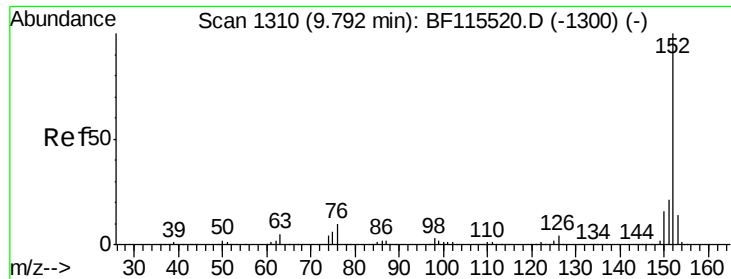
#48
 2-Nitroaniline
 Concen: 33.771 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion: 65 Resp: 289466
 Ion Ratio Lower Upper
 65 100
 92 71.2 57.8 86.6
 138 112.9 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: 34.853 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

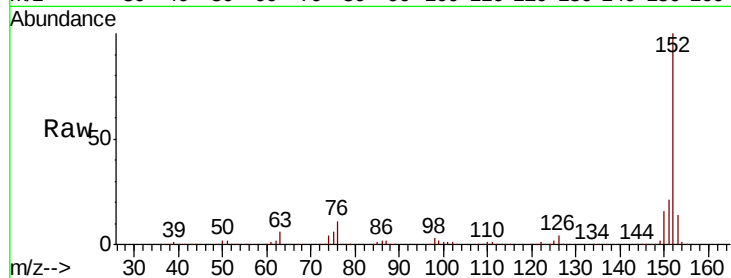
Tot Ion:152 Resp: 1430200

Ion Ratio Lower Upper

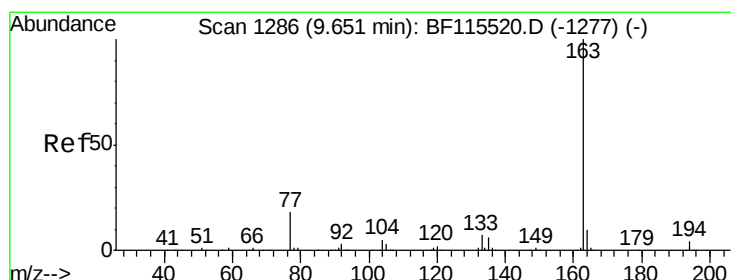
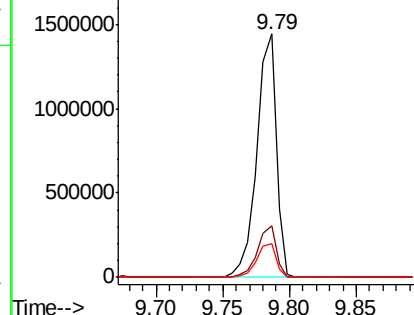
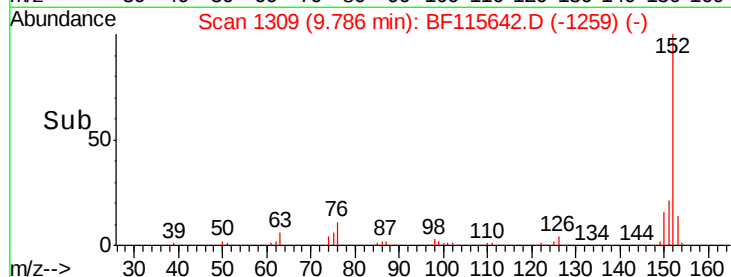
152 100

151 21.1 17.7 26.5

153 14.0 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.000 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

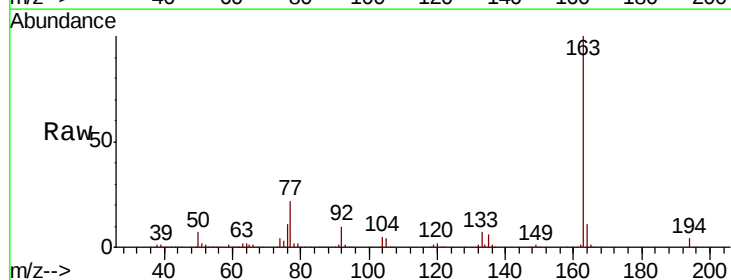
Tgt Ion:163 Resp: 1120262

Ion Ratio Lower Upper

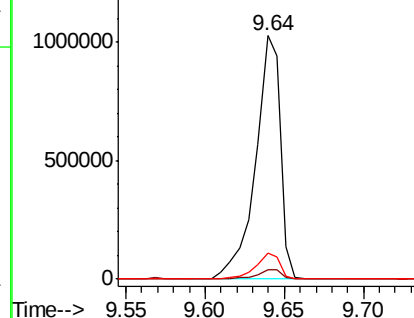
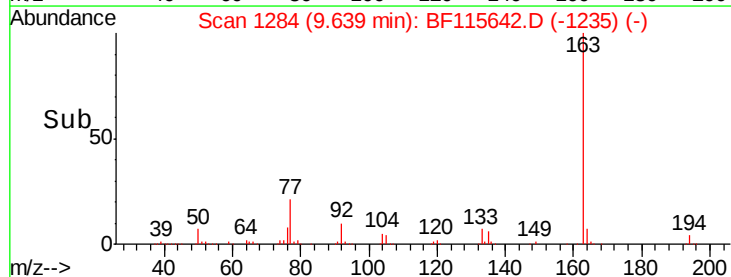
163 100

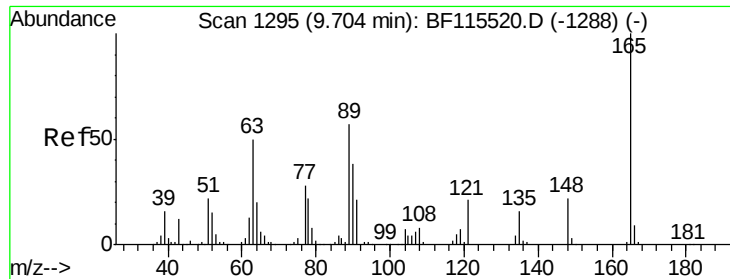
194 3.8 3.3 4.9

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
1000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.908 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

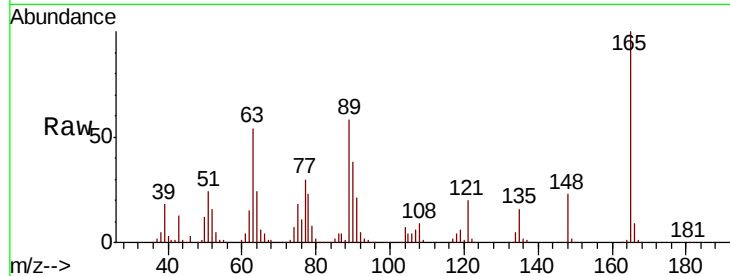
Tot Ion:165 Resp: 261193

Ion Ratio Lower Upper

165 100

63 54.3 40.6 61.0

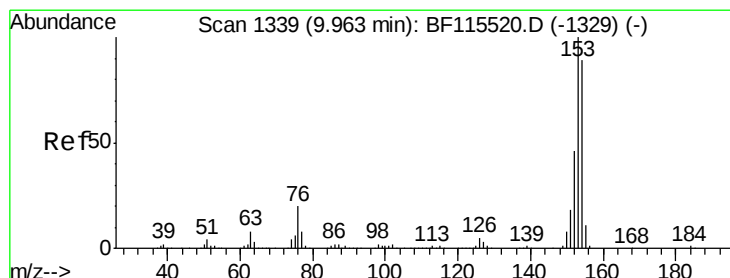
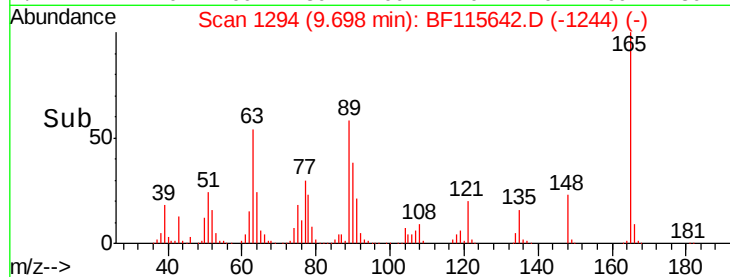
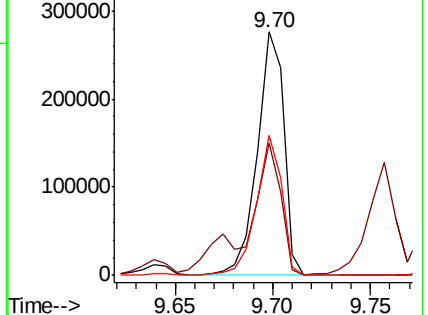
89 57.7 43.9 65.9



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: 39.209 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

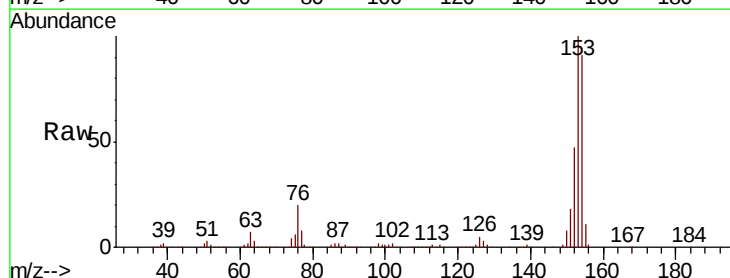
Tgt Ion:154 Resp: 1038745

Ion Ratio Lower Upper

154 100

153 110.2 88.6 133.0

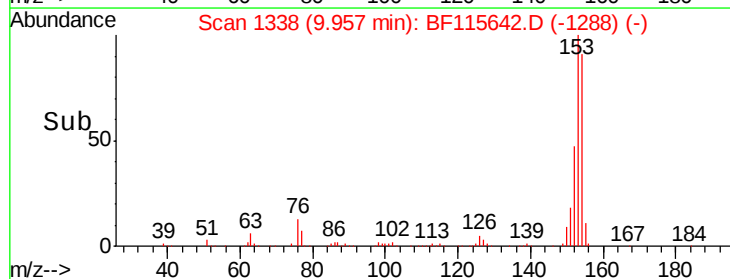
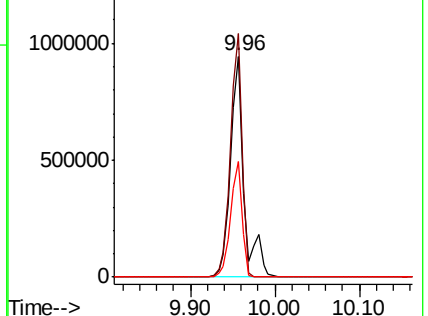
152 52.3 42.3 63.5

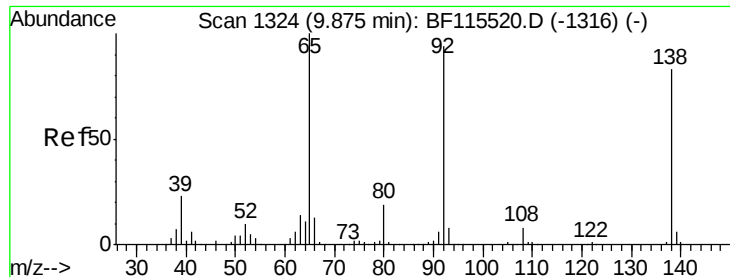


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

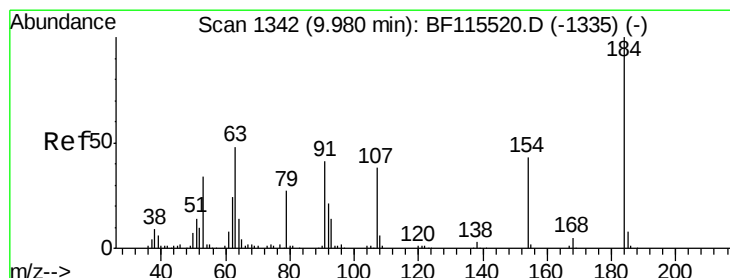
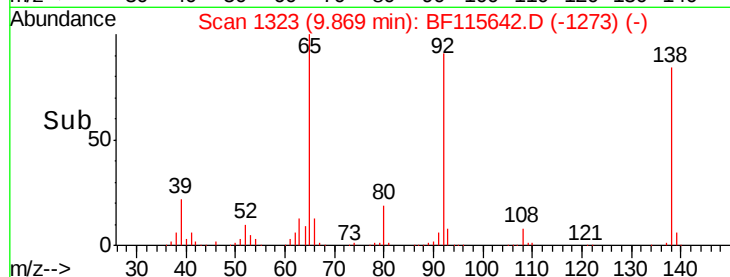
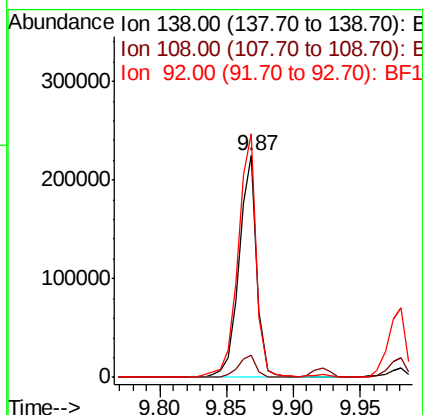
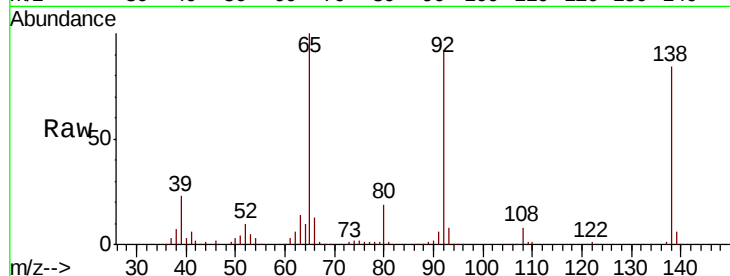




#53
 3-Nitroaniline
 Concen: 25.048 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

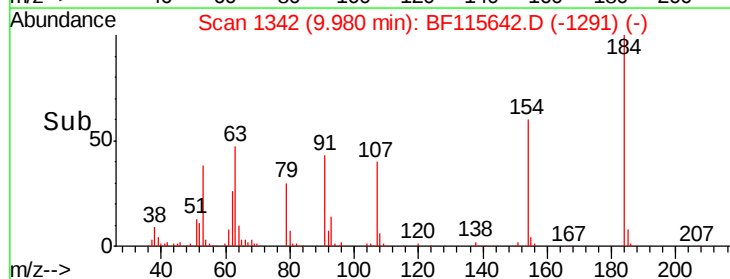
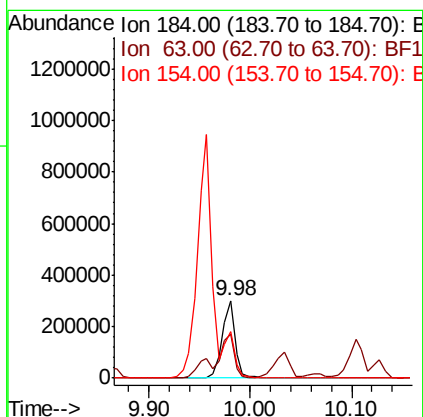
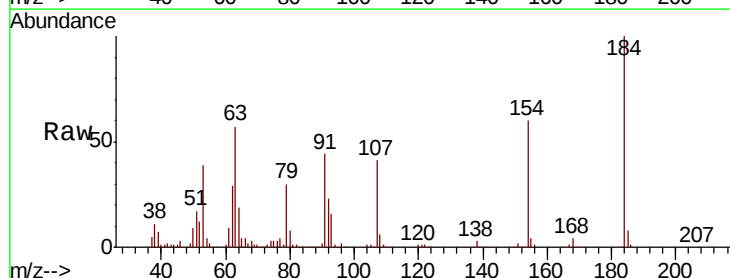
Instrument :
 BNA_F
 ClientSampleId :

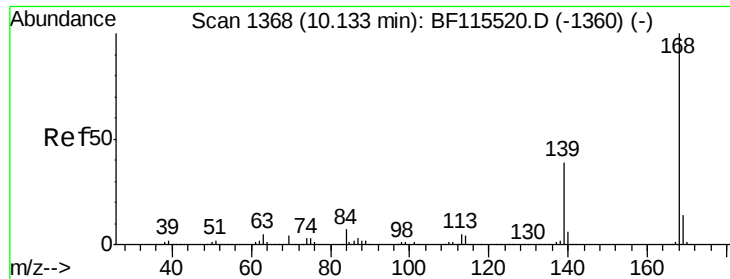
Tot Ion:138 Resp: 208206
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.4 12.6
 92 110.0 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 72.510 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:184 Resp: 270794
 Ion Ratio Lower Upper
 184 100
 63 56.7 48.7 73.1
 154 59.7 48.6 73.0

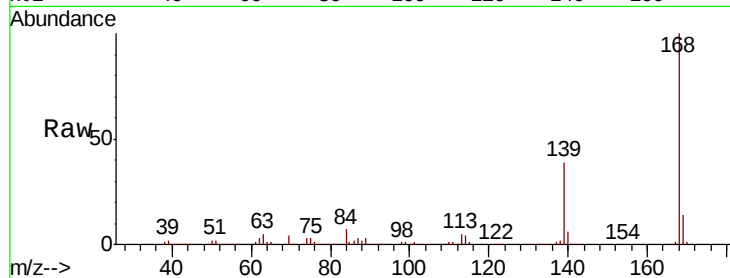




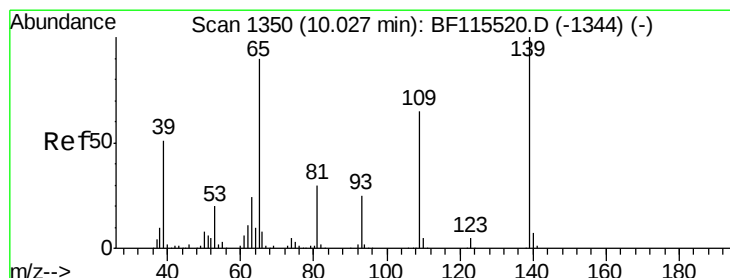
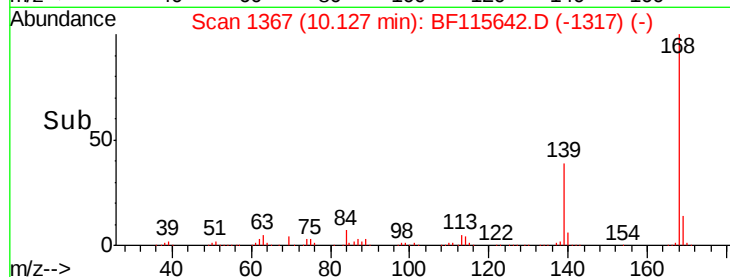
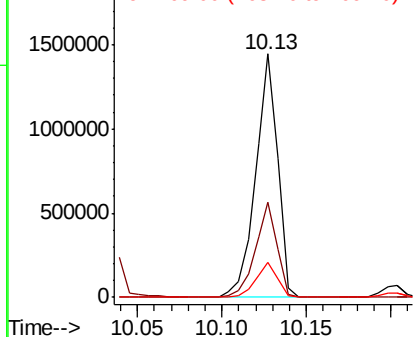
#55
Dibenzenofuran
Concen: 34.918 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1313721
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 14.1 11.1 16.7

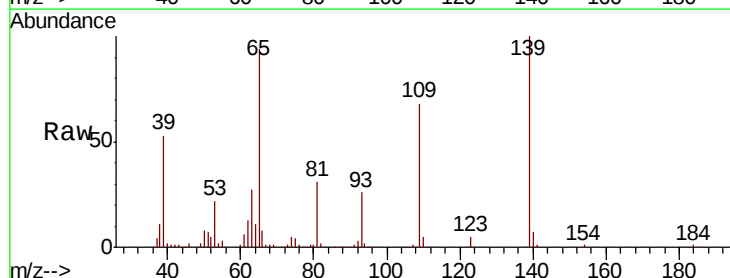


Abundance Ion 168.00 (167.70 to 168.70): E
2000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

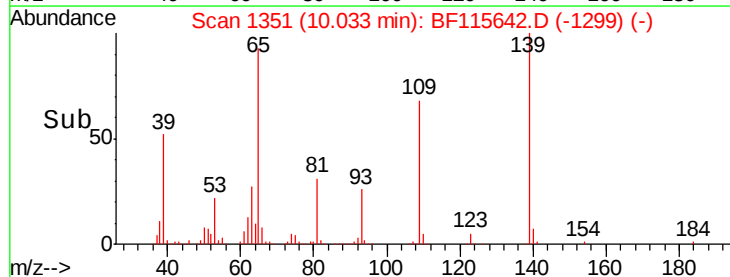
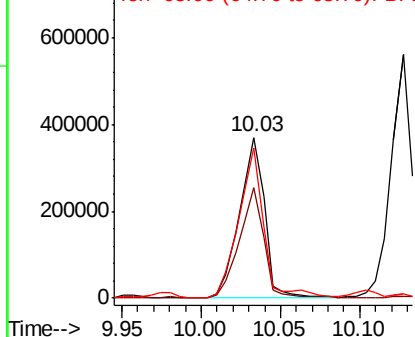


#56
4-Nitrophenol
Concen: 64.306 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:139 Resp: 407612
Ion Ratio Lower Upper
139 100
109 68.4 46.4 86.4
65 93.6 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

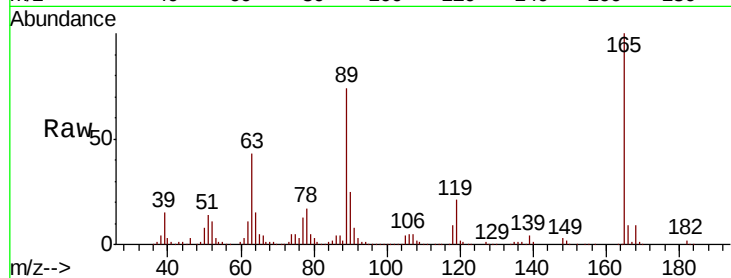




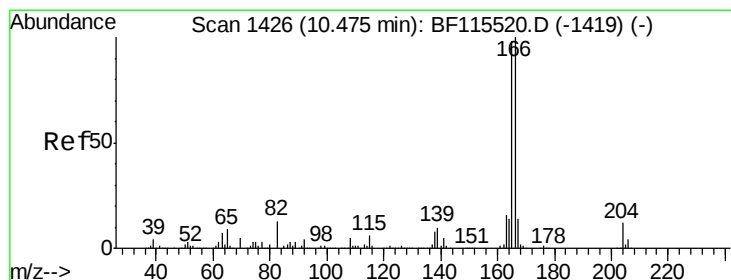
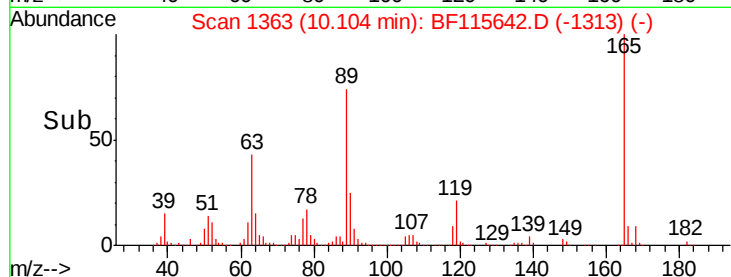
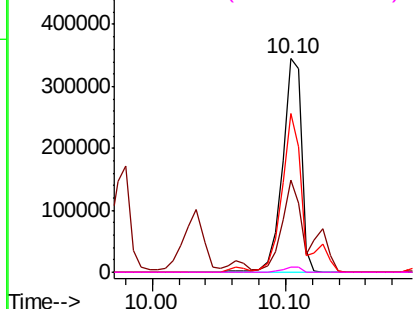
#57
2,4-Dinitrotoluene
Concen: 36.887 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	34.9	52.3
89	74.2	57.5	86.3
182	2.4	2.2	3.4

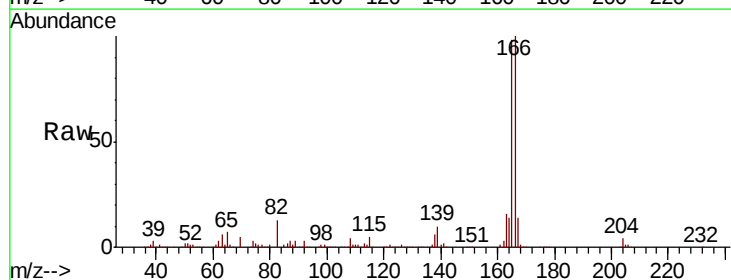


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

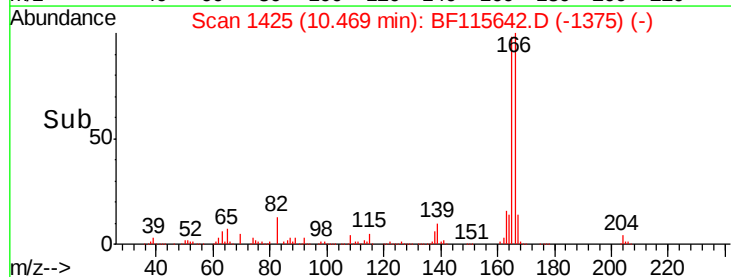
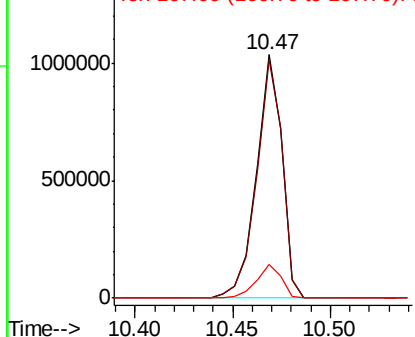


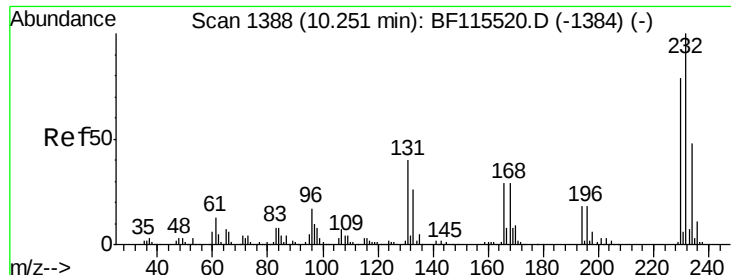
#58
Fluorene
Concen: 34.929 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.6
167	13.8	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

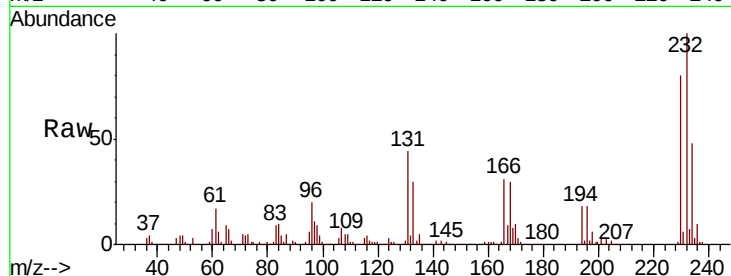




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.217 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.0	35.9	53.9
130	2.2	1.8	2.6
166	30.3	24.8	37.2



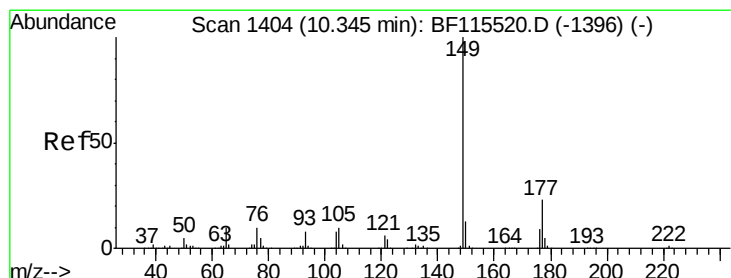
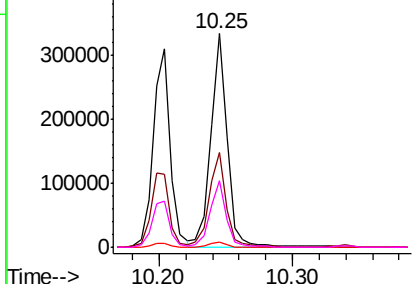
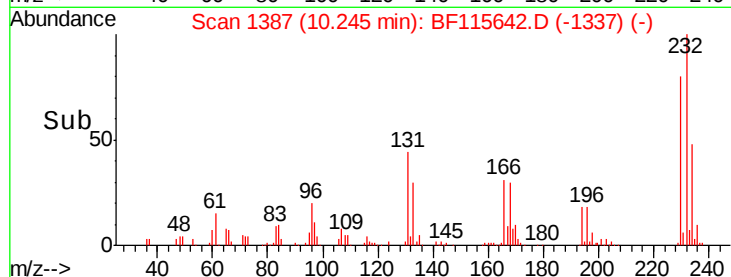
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

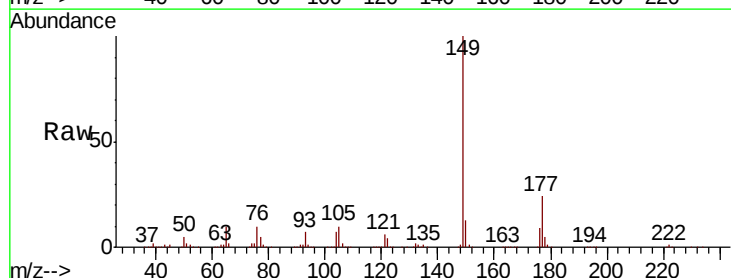
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 35.050 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.5	29.3
150	13.1	10.4	15.6

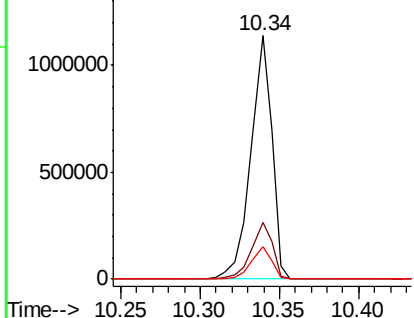
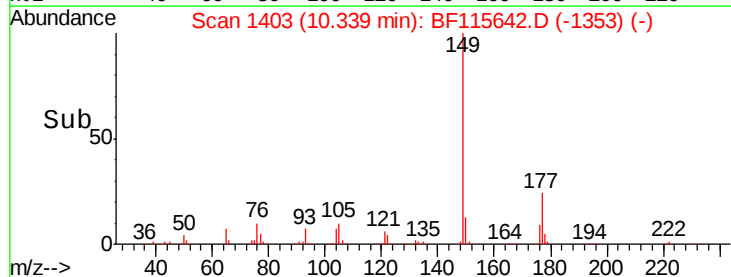


Abundance

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

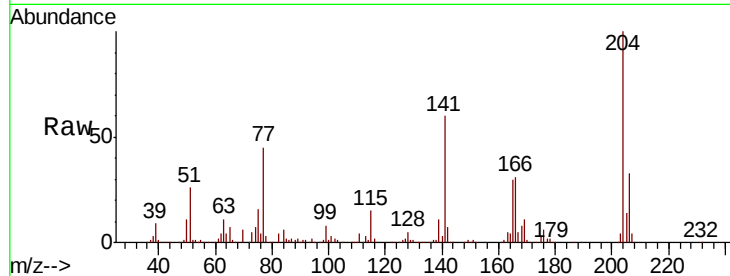




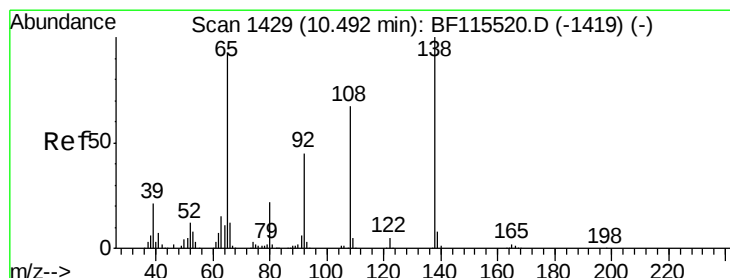
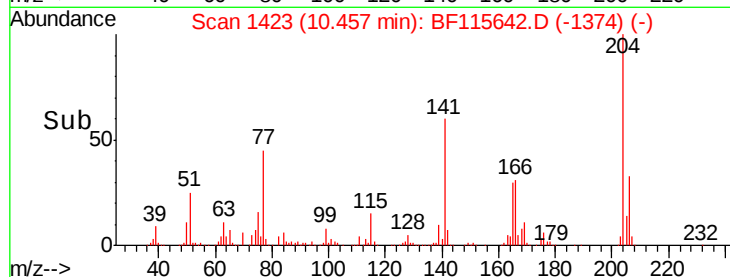
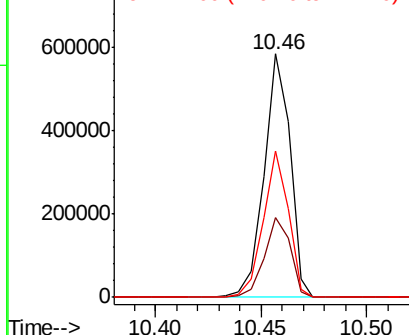
#61
 4-Chlorophenyl-phenylether
 Concen: 33.590 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 501001
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 60.0 44.2 66.2

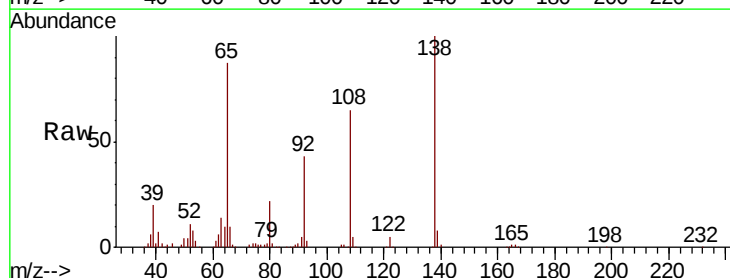


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

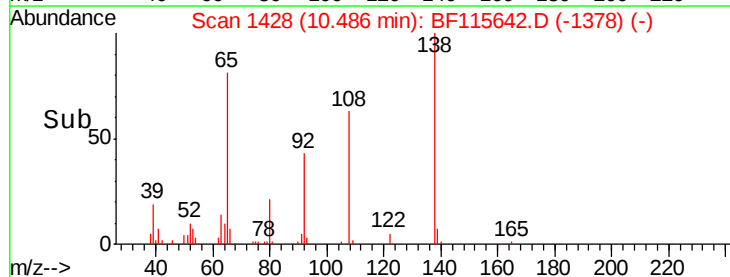
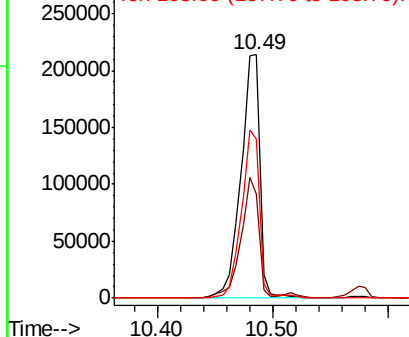


#62
 4-Nitroaniline
 Concen: 30.674 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:138 Resp: 244574
 Ion Ratio Lower Upper
 138 100
 92 42.9 27.1 67.1
 108 65.3 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: 34.269 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 996852

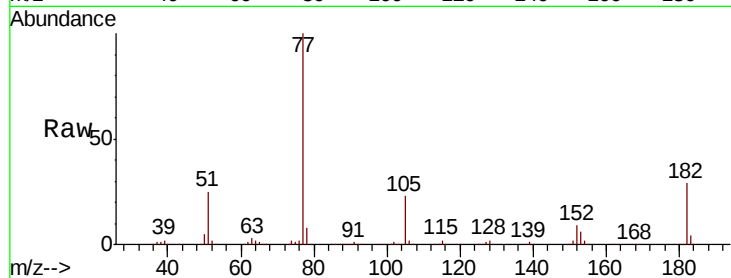
Ion Ratio Lower Upper

77 100

182 28.8 6.9 46.9

105 23.3 3.9 43.9

51 24.9 7.3 47.3

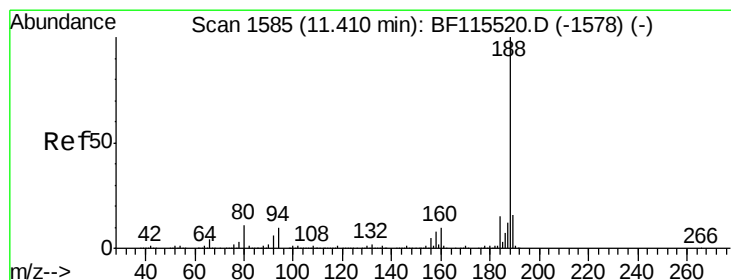
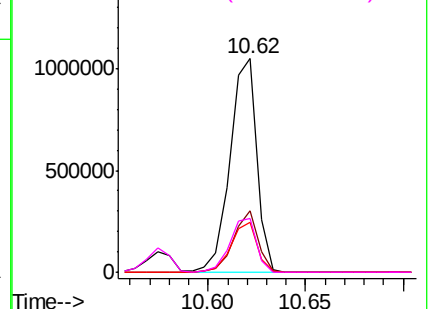
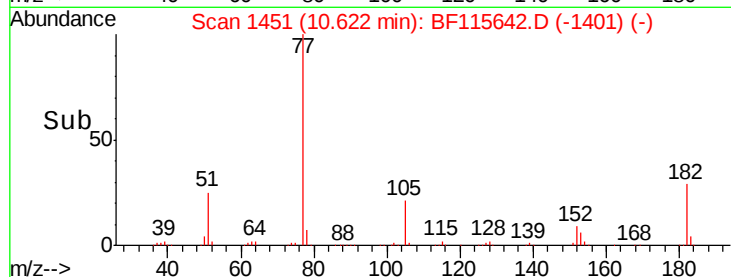


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

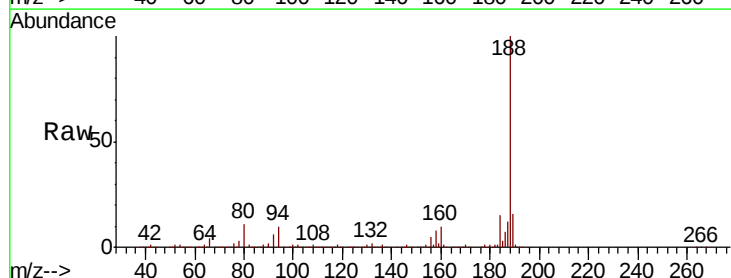
Tgt Ion: 188 Resp: 788719

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

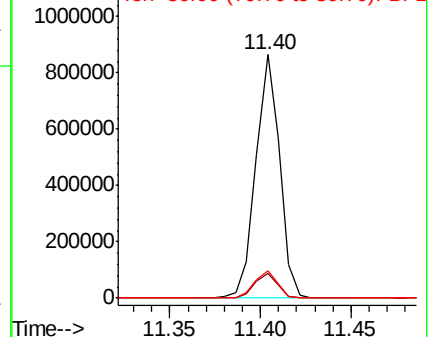
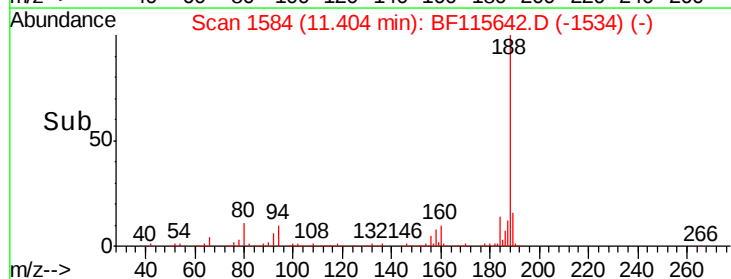
80 11.0 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.805 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

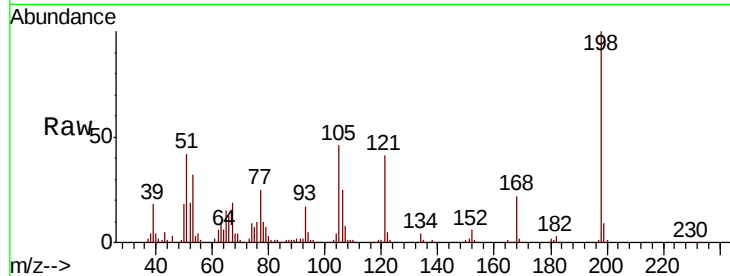
Tot Ion:198 Resp: 172537

Ion Ratio Lower Upper

198 100

51 41.8 19.1 59.1

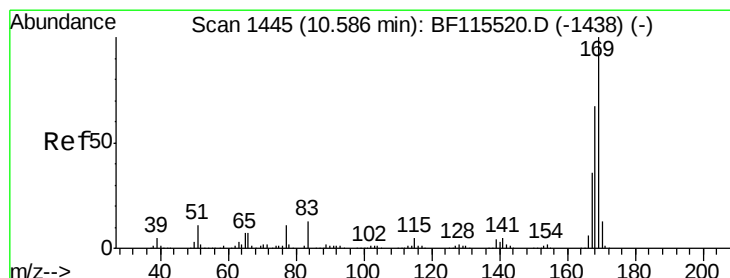
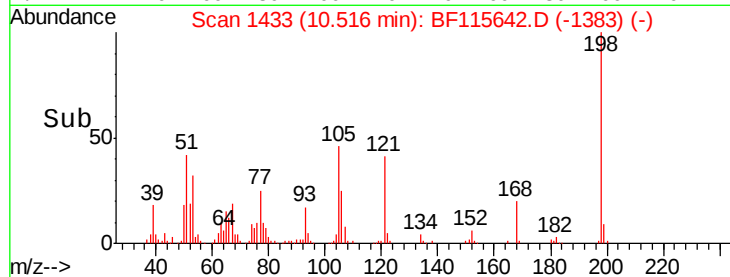
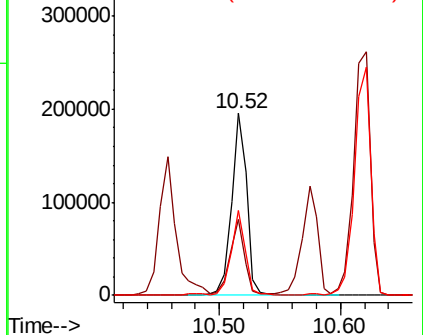
105 46.4 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 34.524 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

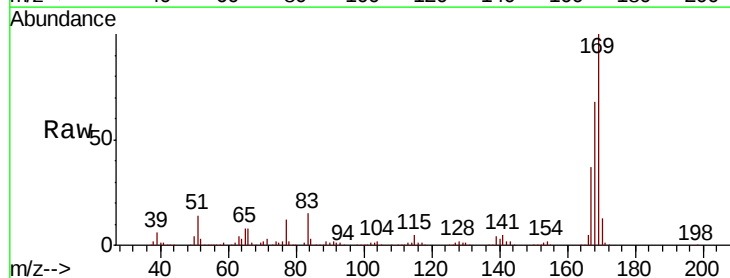
Tgt Ion:169 Resp: 847026

Ion Ratio Lower Upper

169 100

168 67.7 54.3 81.5

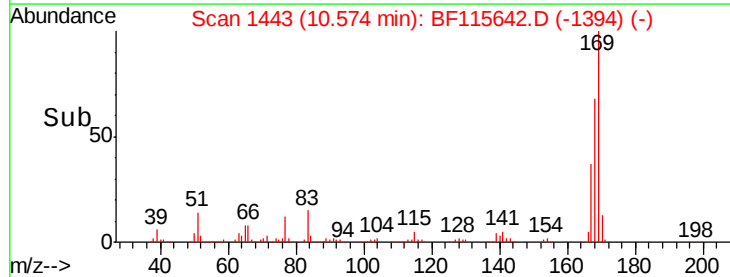
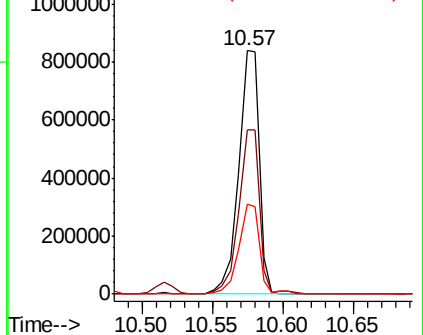
167 36.7 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

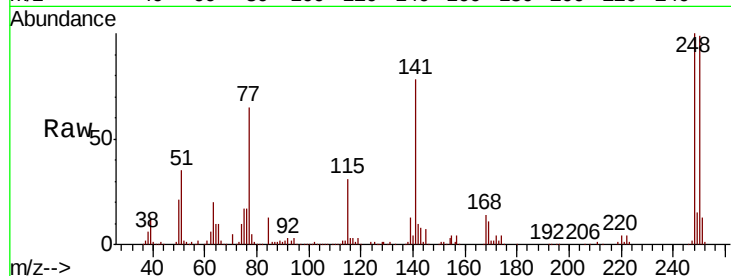




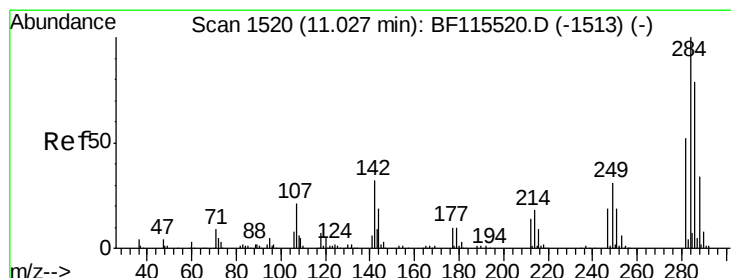
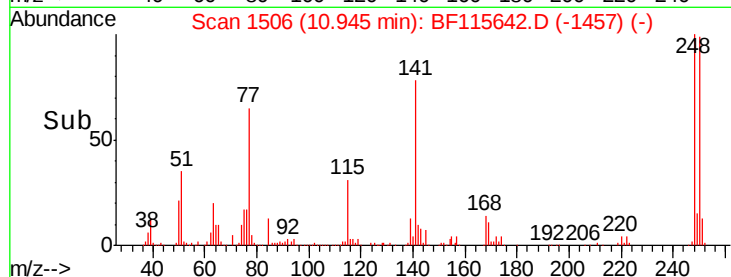
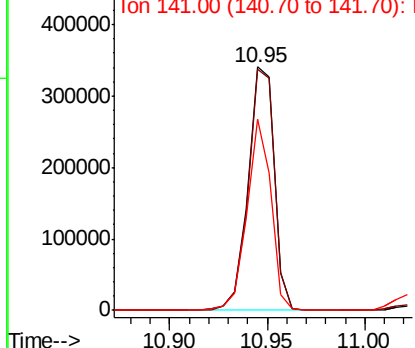
#67
 4-Bromophenyl-phenylether
 Concen: 35.101 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 316368
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.0 117.0
 141 78.3 57.7 86.5

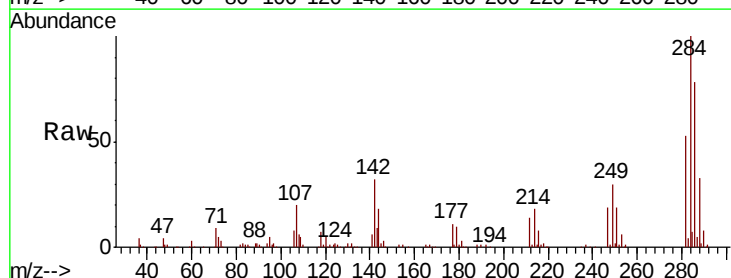


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

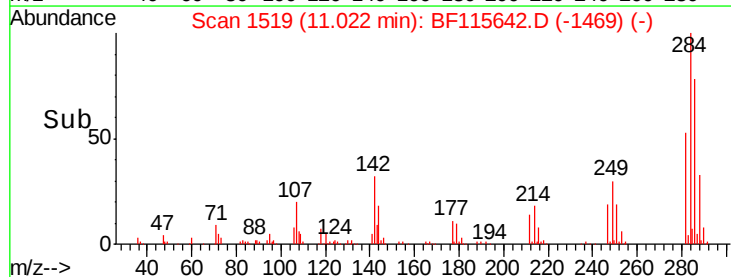
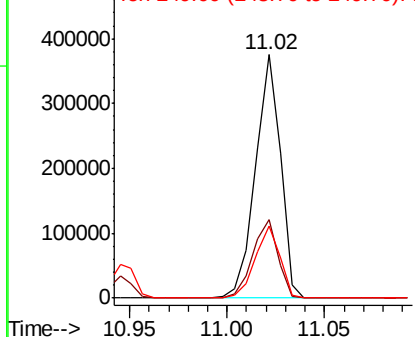


#68
 Hexachlorobenzene
 Concen: 32.367 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:284 Resp: 333155
 Ion Ratio Lower Upper
 284 100
 142 32.2 22.2 33.2
 249 29.7 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

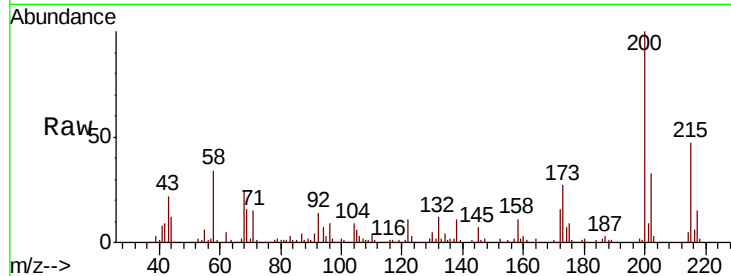




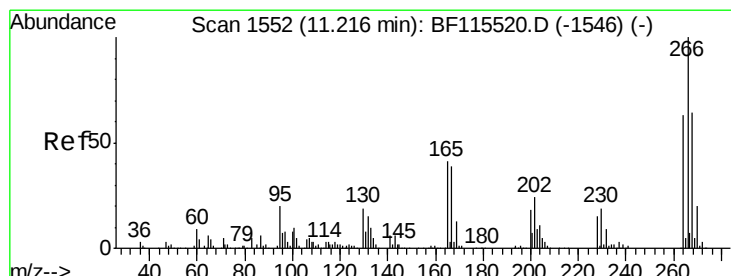
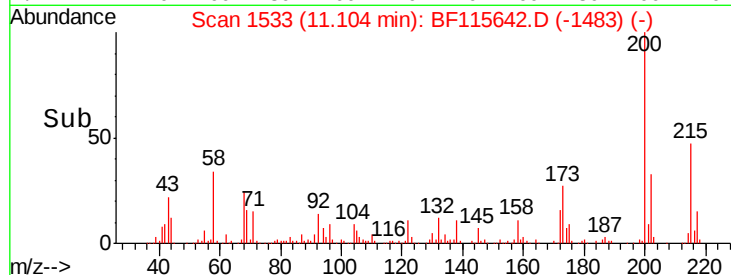
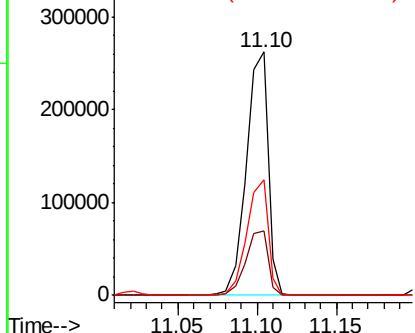
#69
 Atrazine
 Concen: 31.089 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 250221
 Ion Ratio Lower Upper
 200 100
 173 26.5 6.9 46.9
 215 47.5 27.9 67.9

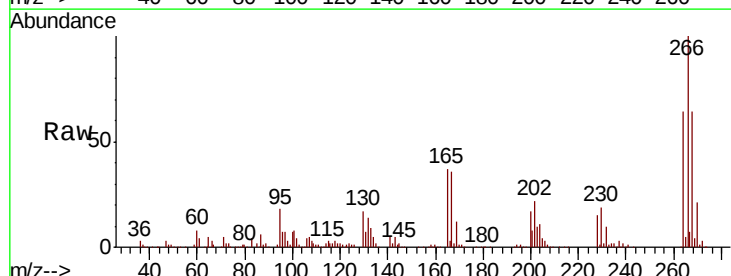


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

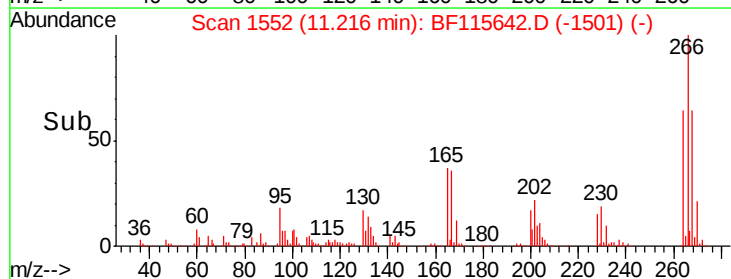
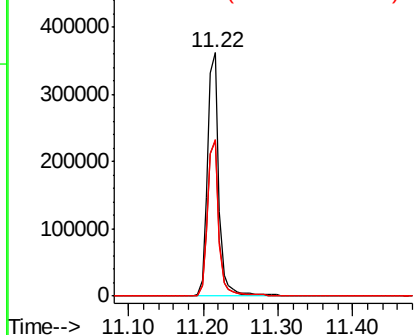


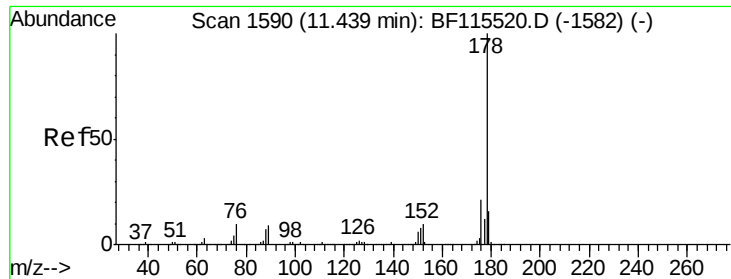
#70
 Pentachlorophenol
 Concen: 61.576 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:266 Resp: 387649
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.6 77.4
 264 64.3 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

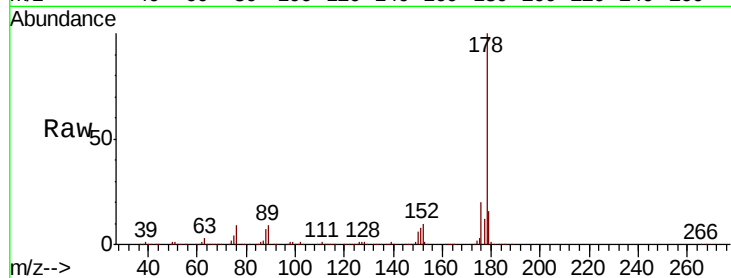




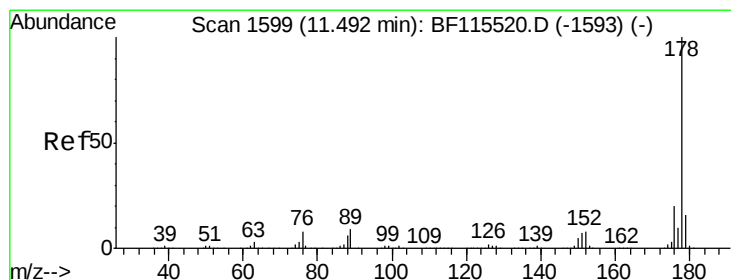
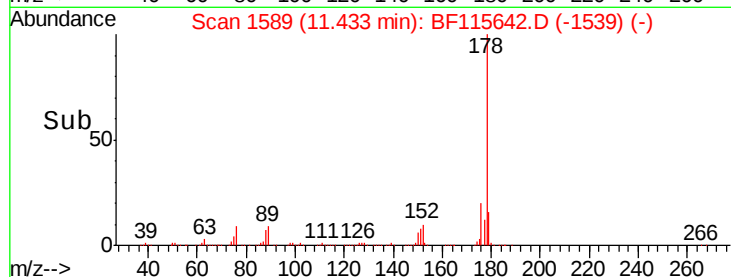
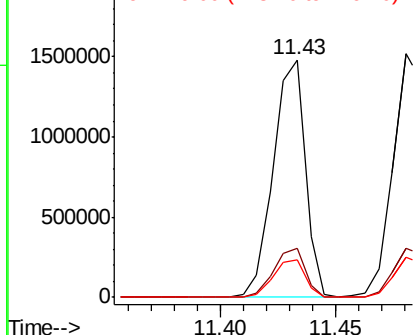
#71
Phenanthrene
Concen: 35.380 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1430365
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 15.8 13.5 20.3

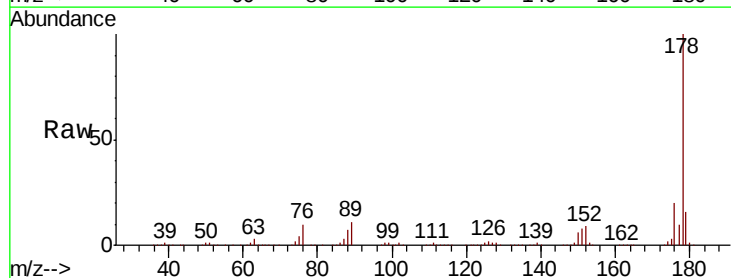


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

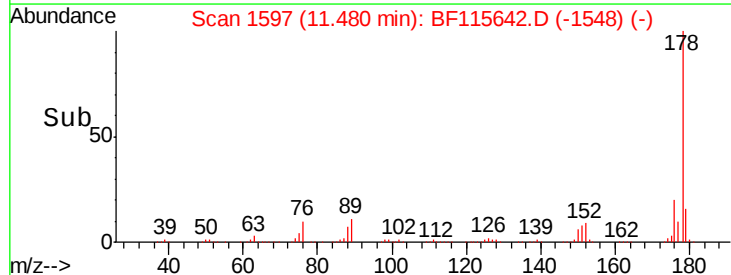
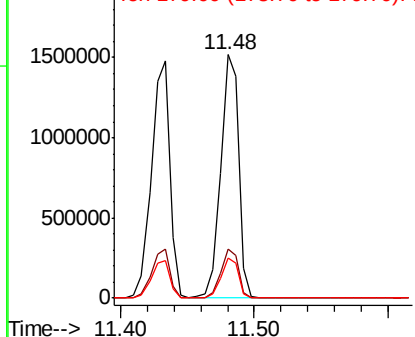


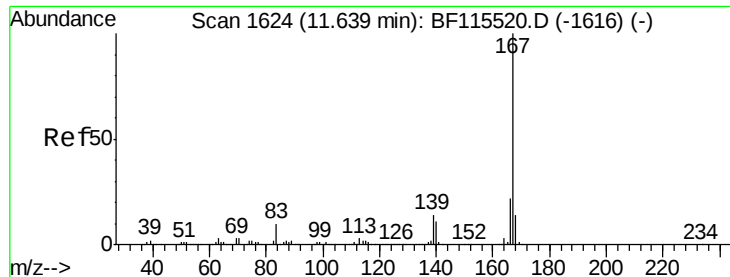
#72
Anthracene
Concen: 34.670 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:178 Resp: 1448588
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.5 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

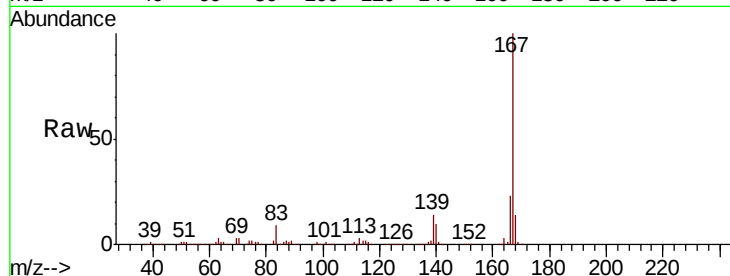




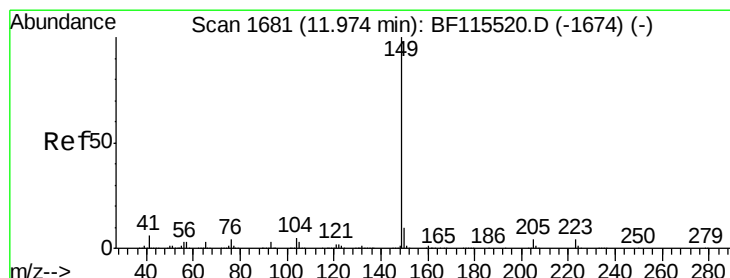
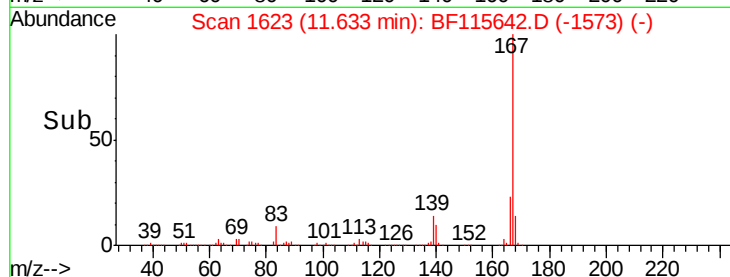
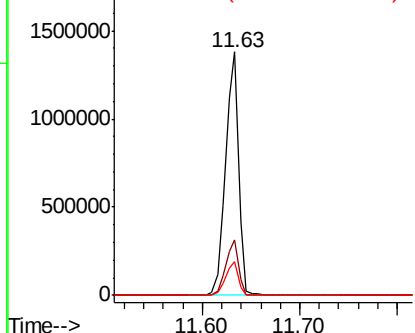
#73
 Carbazole
 Concen: 34.964 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1281061
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.1 27.1
 139 13.8 11.3 16.9

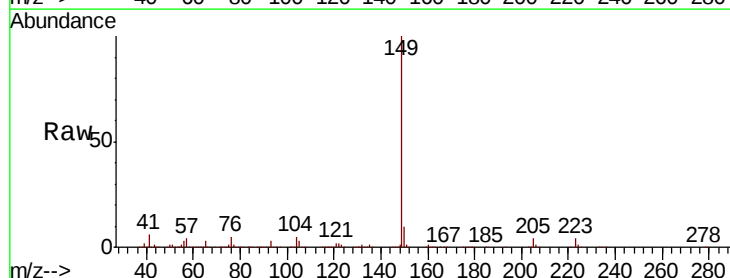


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

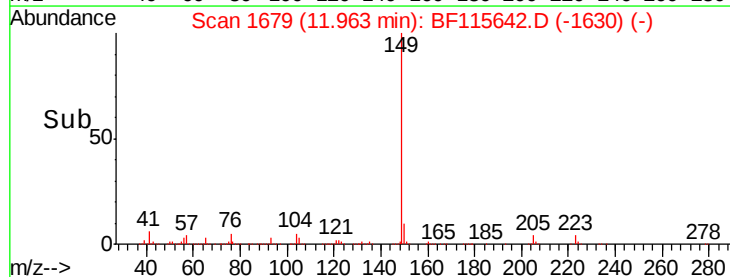
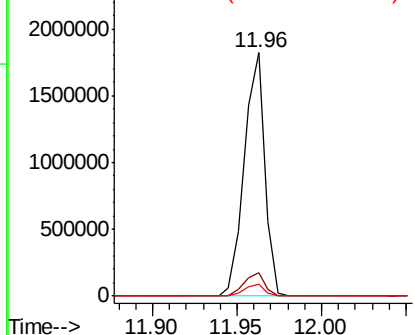


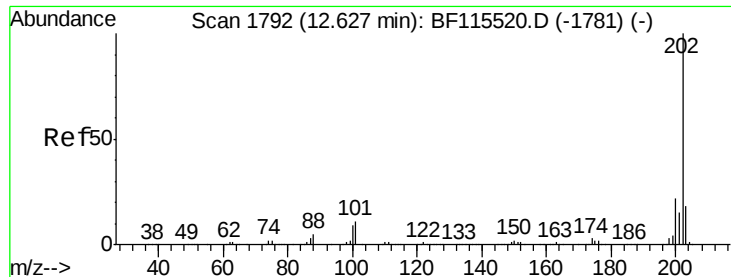
#74
 Di-n-butylphthalate
 Concen: 34.336 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:149 Resp: 1549653
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 5.0 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



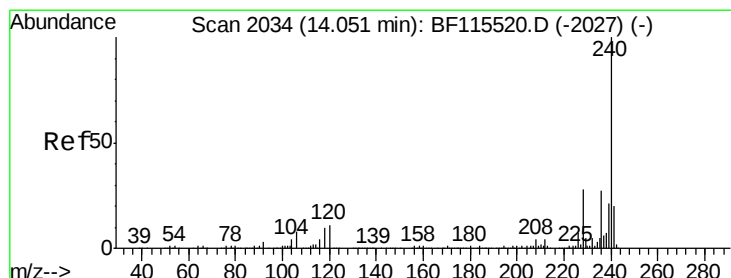
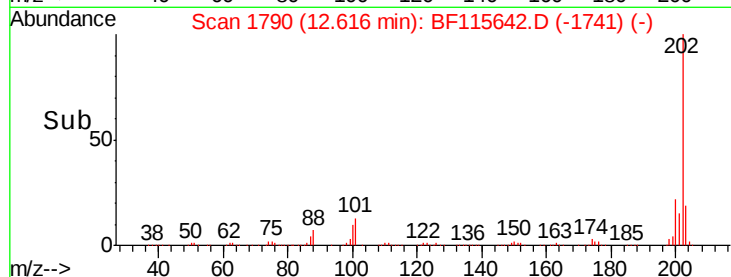
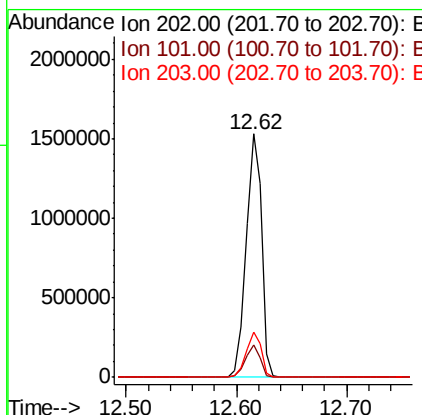
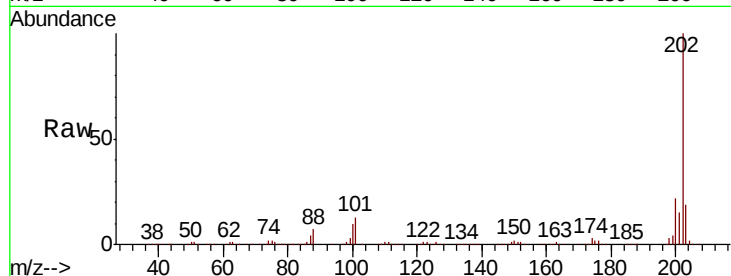


#75
 Fluoranthene
 Concen: 35.139 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1501218

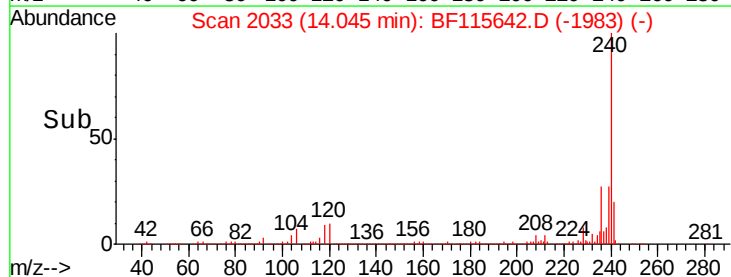
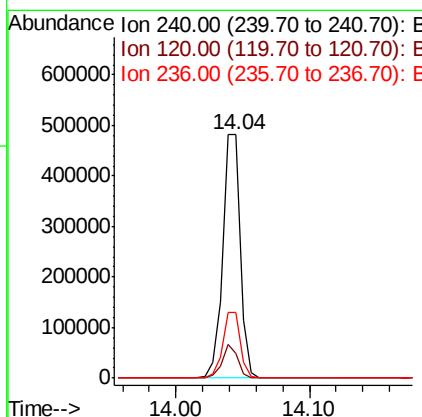
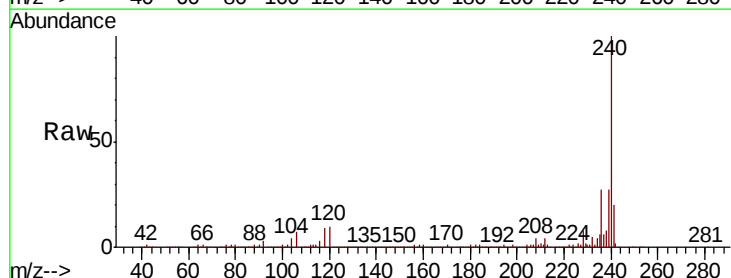
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.4
203	18.7	0.0	38.1

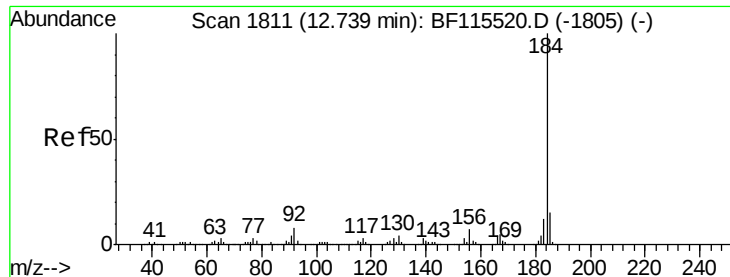


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115642.D
 Acq: 18 Jul 2019 9:03

Tgt Ion:240 Resp: 451661

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	27.2	21.3	31.9





#77

Benzidine

Concen: 17.869 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

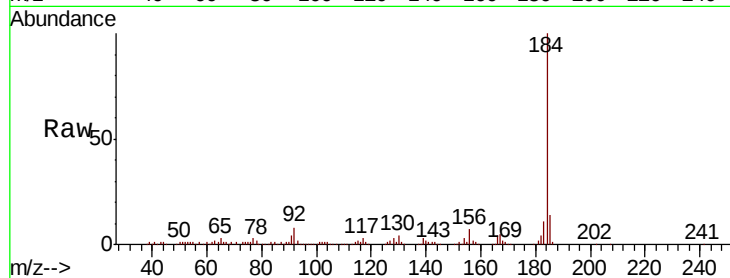
Tot Ion:184 Resp: 285902

Ion Ratio Lower Upper

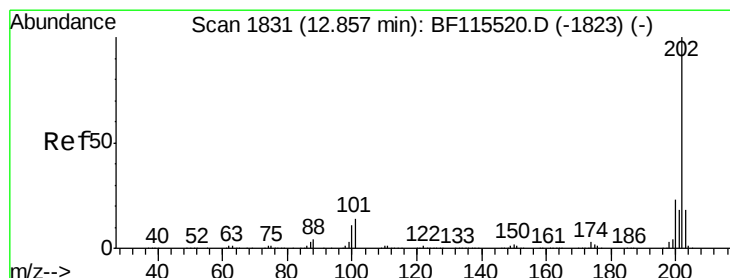
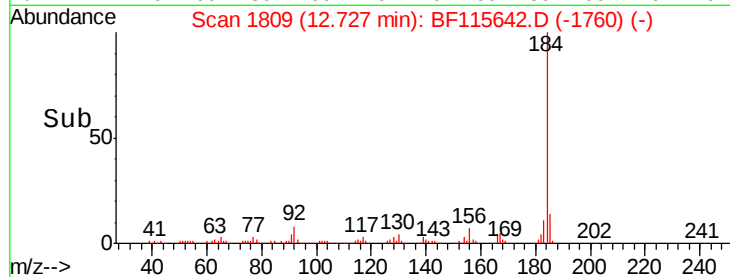
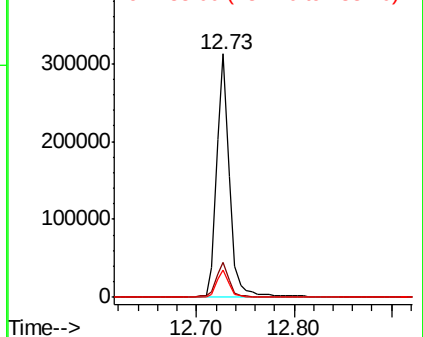
184 100

185 14.4 12.0 18.0

183 11.5 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: 39.596 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

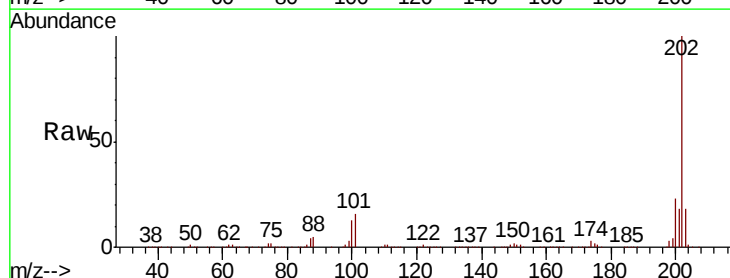
Tgt Ion:202 Resp: 1515184

Ion Ratio Lower Upper

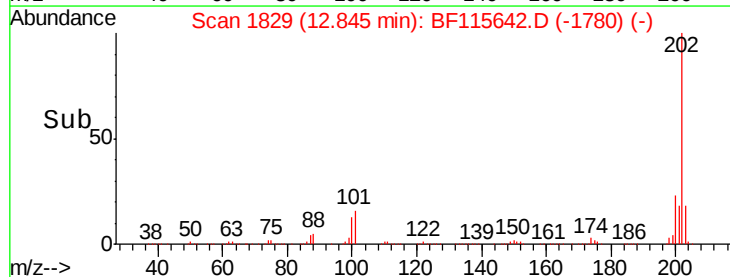
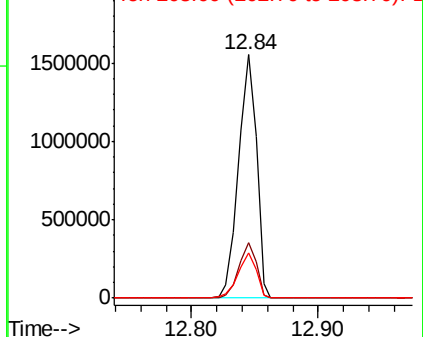
202 100

200 22.8 18.7 28.1

203 18.4 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: 78.138 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

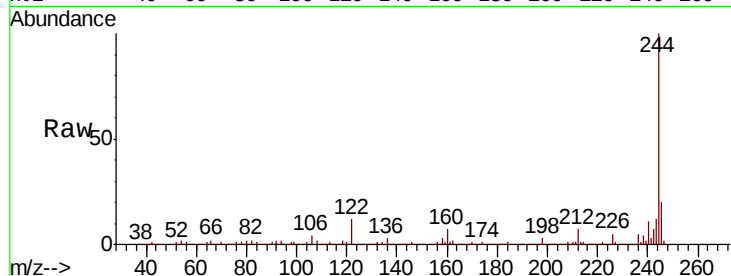
Tot Ion:244 Resp: 1912666

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

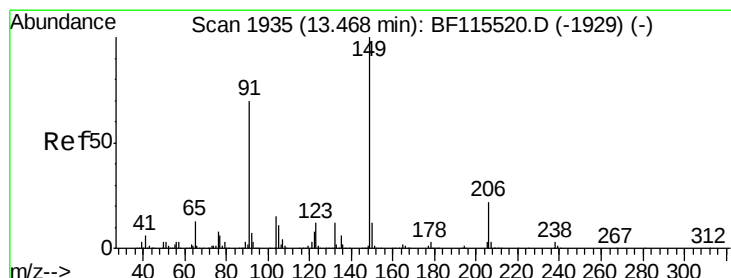
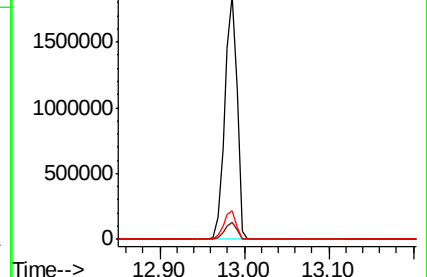
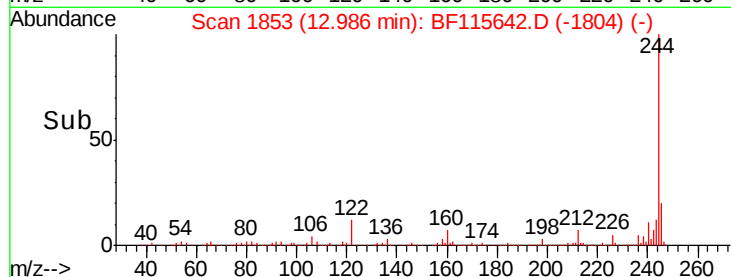
122 11.8 8.6 12.8



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: 42.104 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

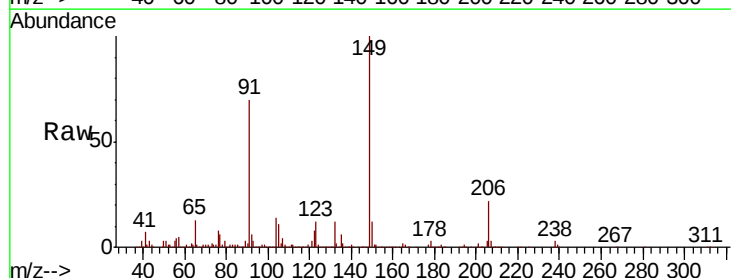
Tgt Ion:149 Resp: 686833

Ion Ratio Lower Upper

149 100

91 69.6 55.8 83.8

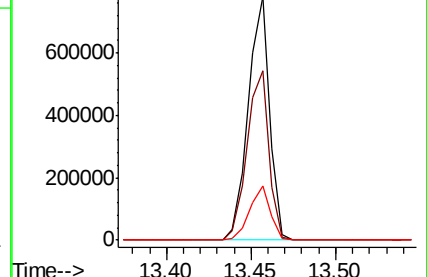
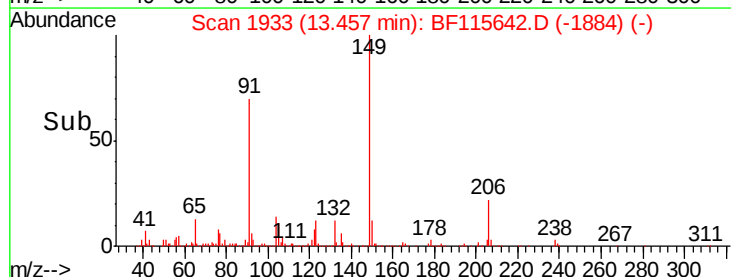
206 22.1 18.2 27.2



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: 35.820 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

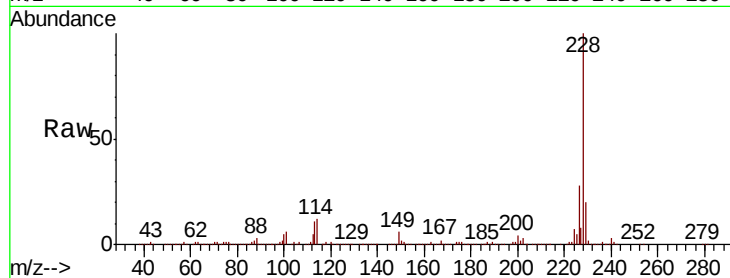
Tot Ion:228 Resp: 1065846

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	20.3	17.2	25.8

228 100

226 27.5 23.4 35.0

229 20.3 17.2 25.8

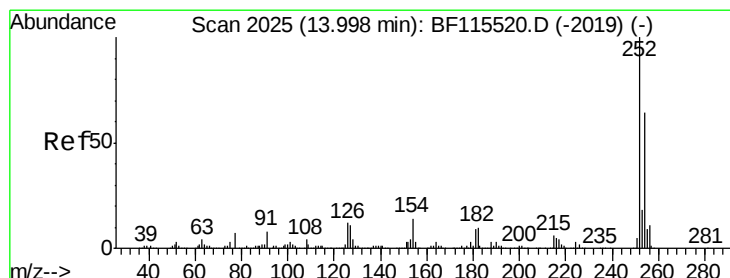
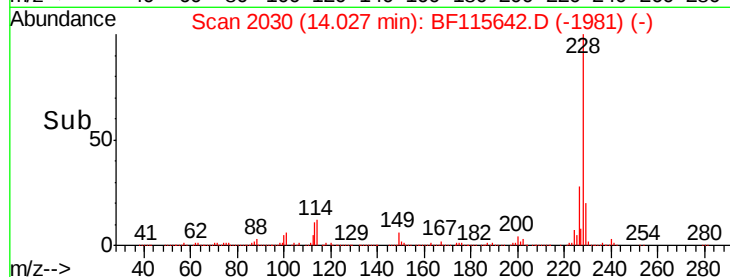
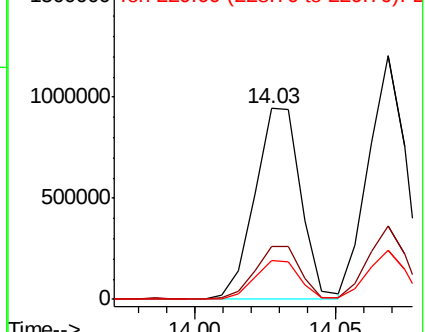


Abundance

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: 30.741 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

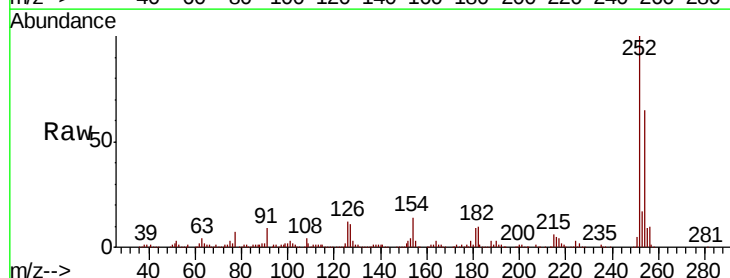
Tgt Ion:252 Resp: 325175

Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.9	79.3
126	11.9	9.9	14.9

252 100

254 65.5 52.9 79.3

126 11.9 9.9 14.9

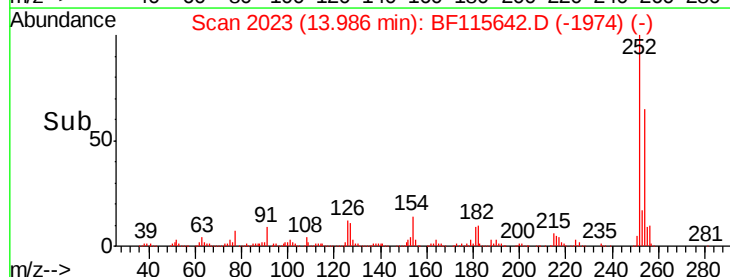
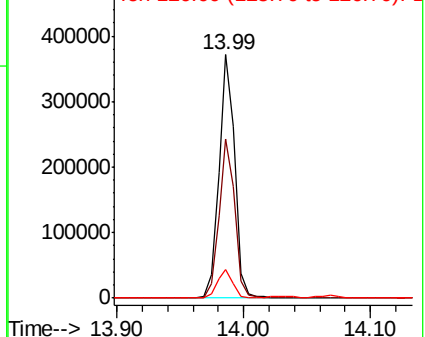


Abundance

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: 36.265 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

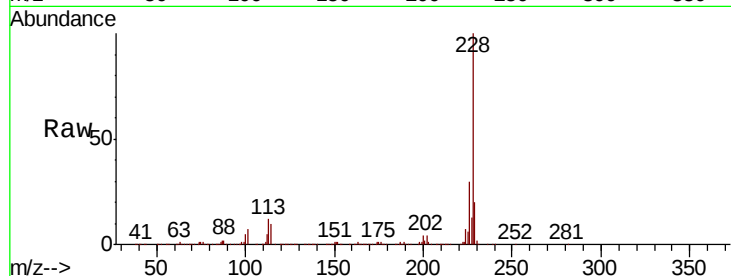
Tot Ion:228 Resp: 1083243

Ion Ratio Lower Upper

228 100

226 30.4 25.7 38.5

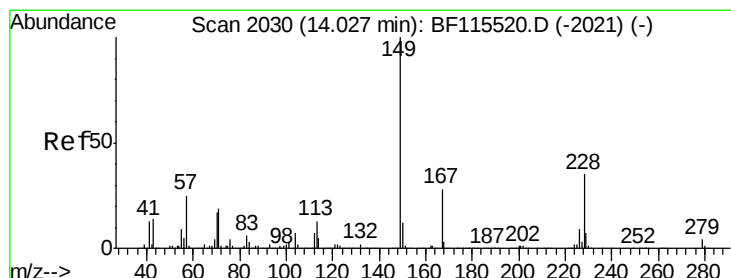
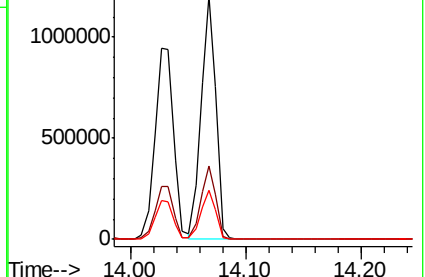
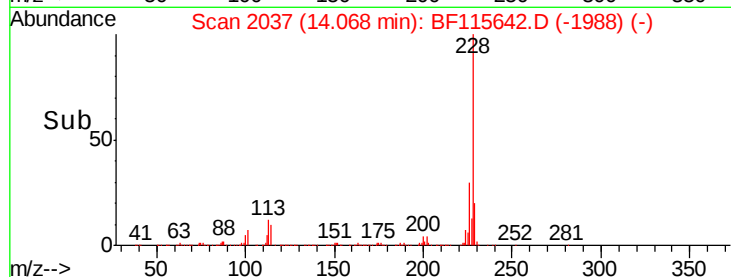
229 20.1 16.6 25.0



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: 40.504 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

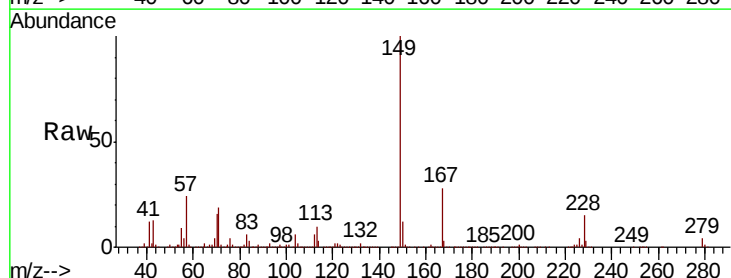
Tgt Ion:149 Resp: 818444

Ion Ratio Lower Upper

149 100

167 27.7 23.0 34.4

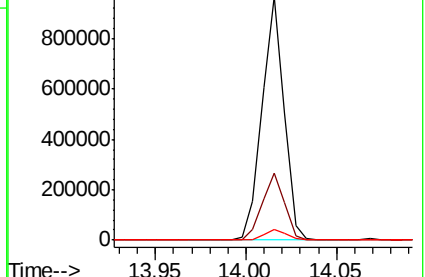
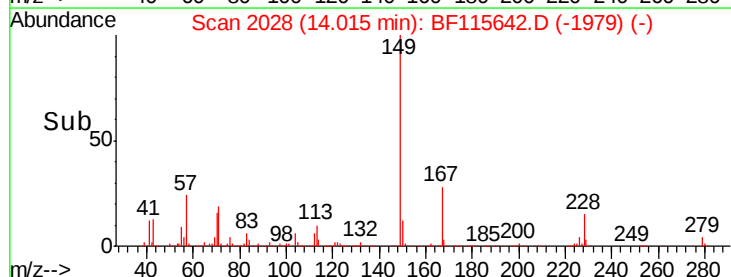
279 4.4 4.2 6.2



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: 40.784 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Instrument :

BNA_F

ClientSampleId :

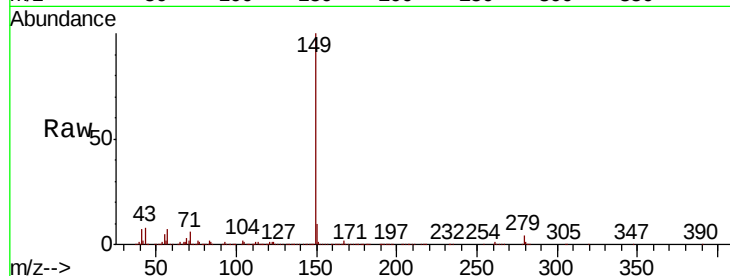
Tot Ion:149 Resp: 1311215

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

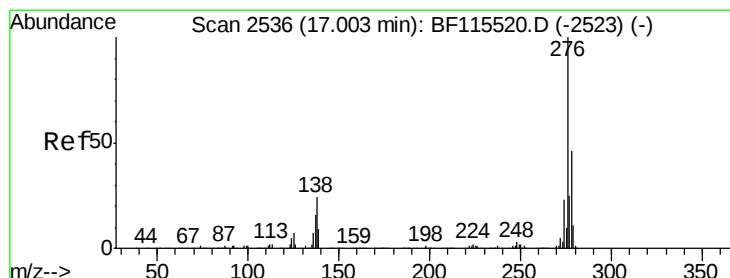
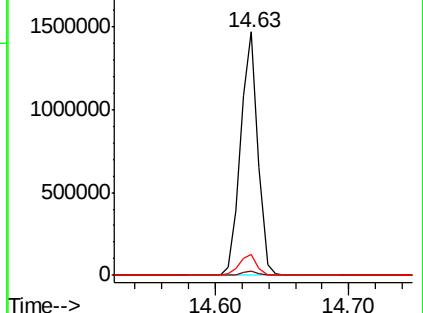
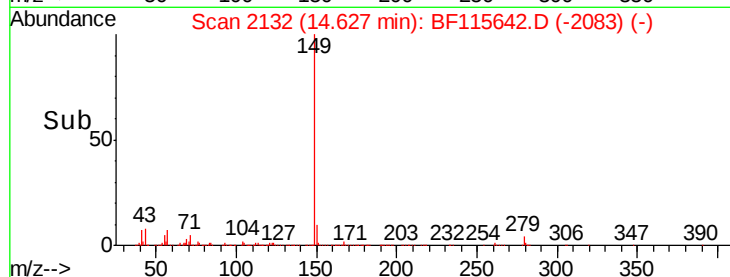
43 8.5 7.2 10.8



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: 37.083 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

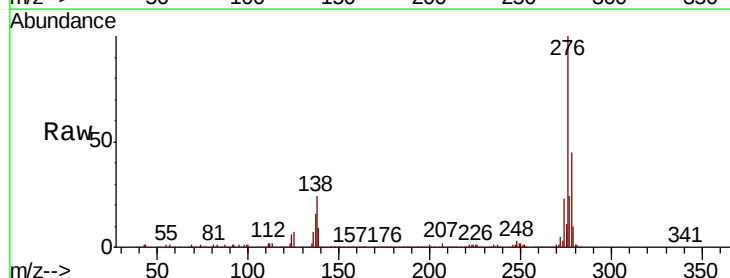
Tgt Ion:276 Resp: 941059

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

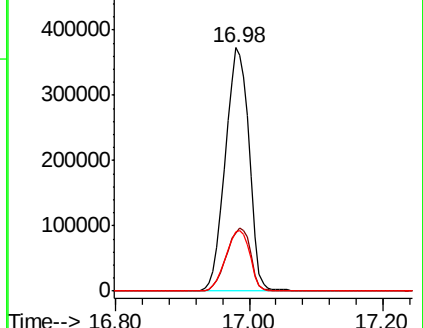
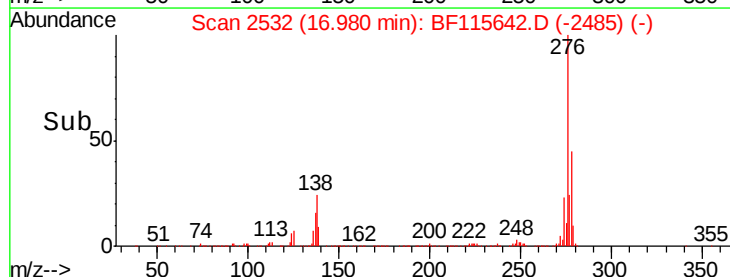
277 25.6 20.4 30.6



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

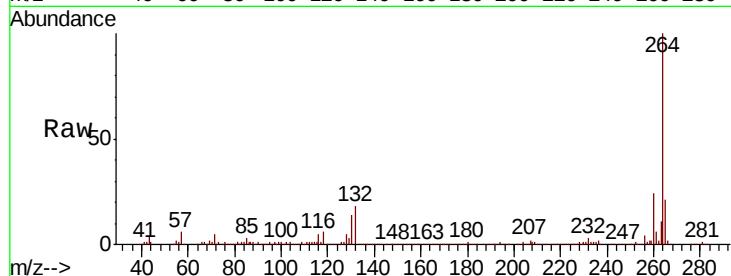




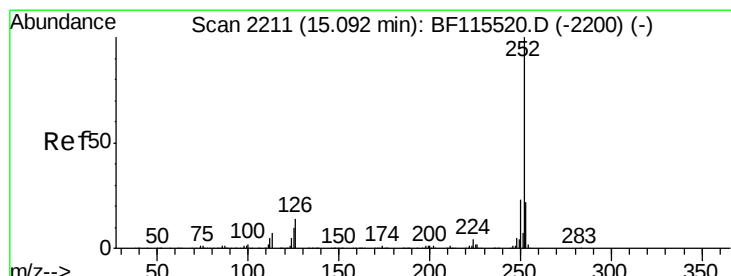
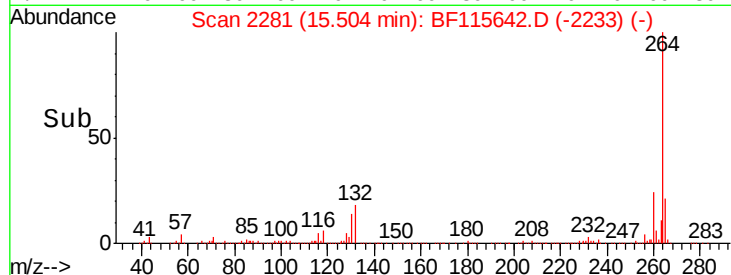
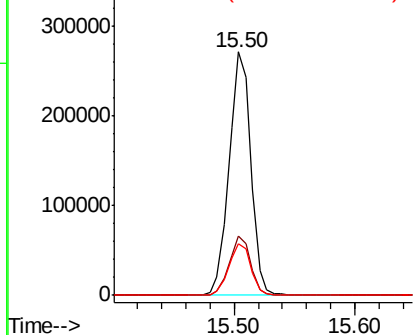
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 340993
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.8
265 21.3 17.7 26.5

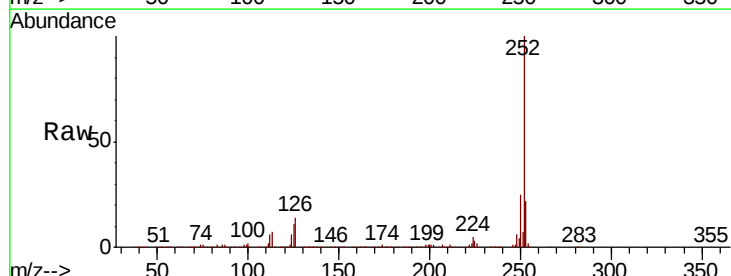


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

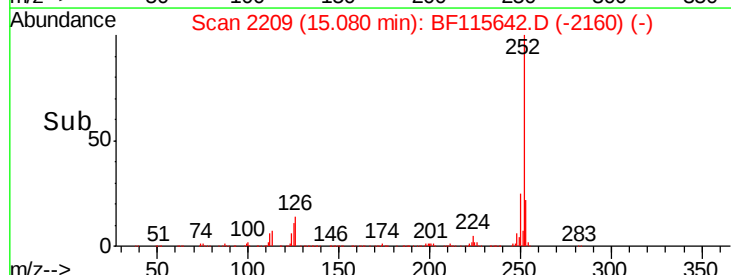
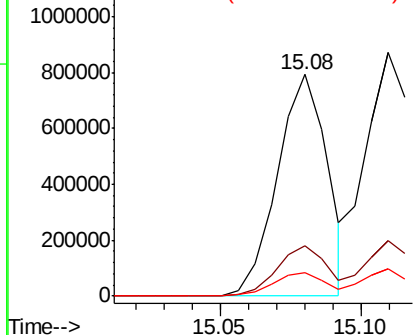


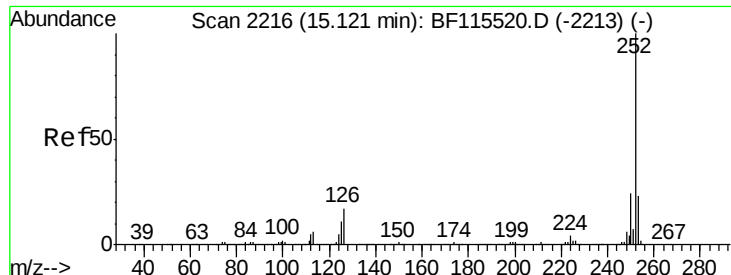
#88
Benzo(b)fluoranthene
Concen: 44.410 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:252 Resp: 975108
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 10.8 9.0 13.4



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

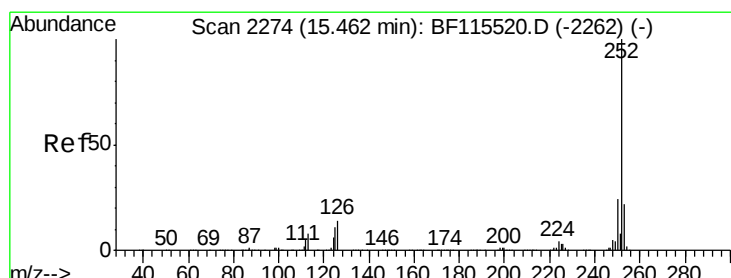
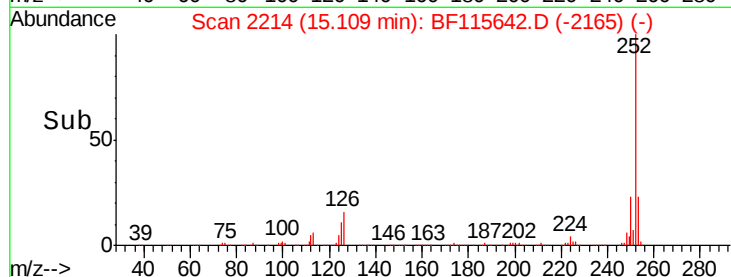
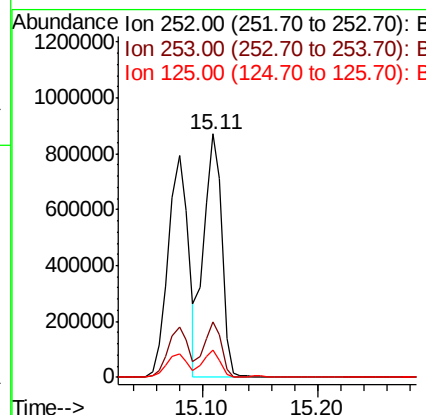
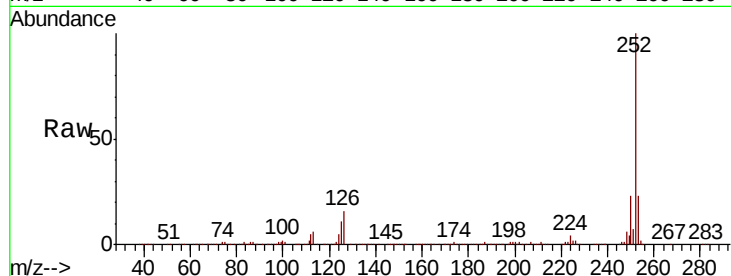




#89
Benzo(k)fluoranthene
Concen: 48.765 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

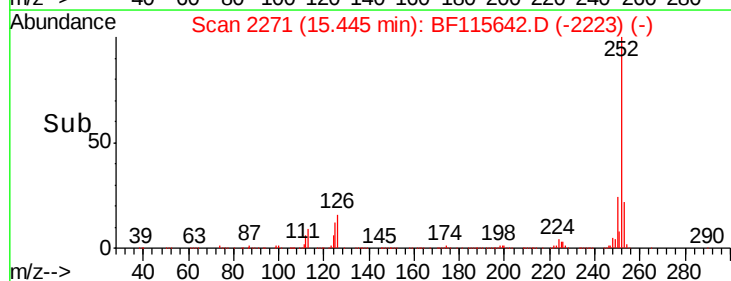
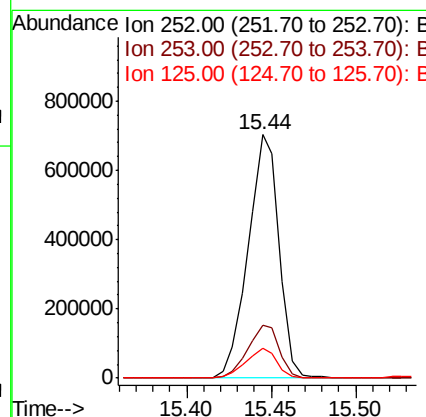
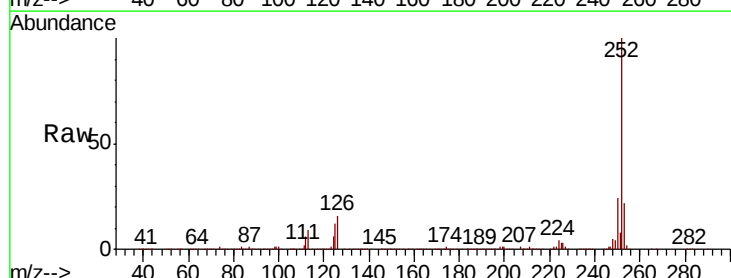
Instrument :
BNA_F
ClientSampled :

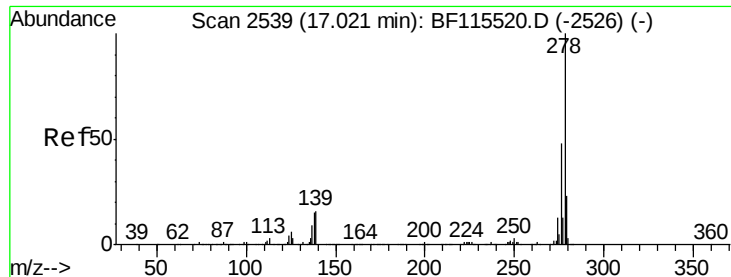
Tot Ion:252 Resp: 954618
Ion Ratio Lower Upper
252 100
253 22.6 18.6 28.0
125 11.0 9.0 13.6



#90
Benzo(a)pyrene
Concen: 47.487 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115642.D
Acq: 18 Jul 2019 9:03

Tgt Ion:252 Resp: 896168
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 12.0 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.642 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

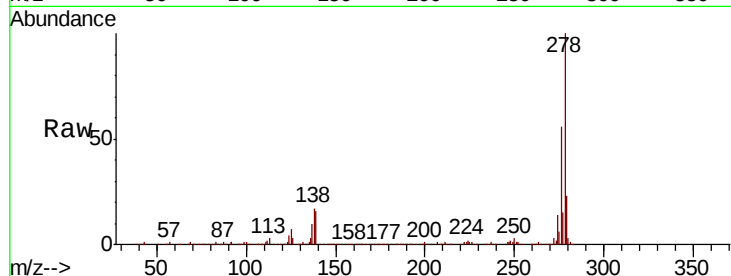
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 789326

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	23.4	19.6	29.4

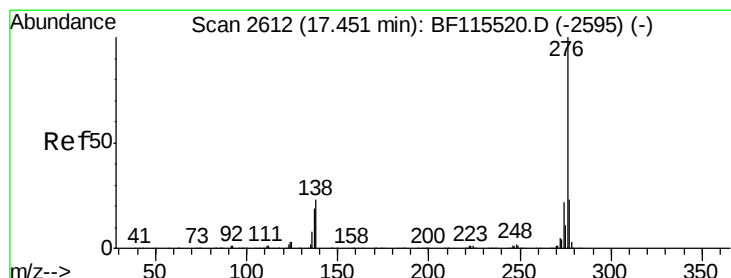
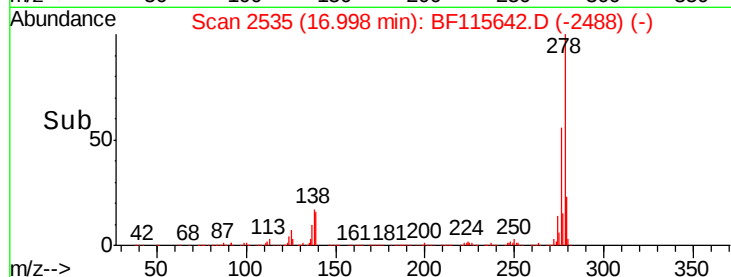
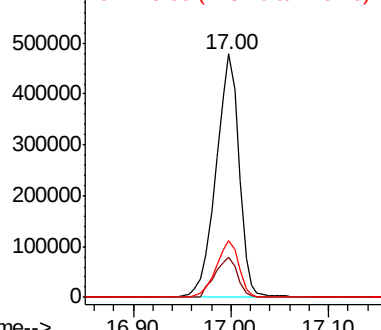


Abundance

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: 50.353 ng

RT: 17.43 min Scan# 2609

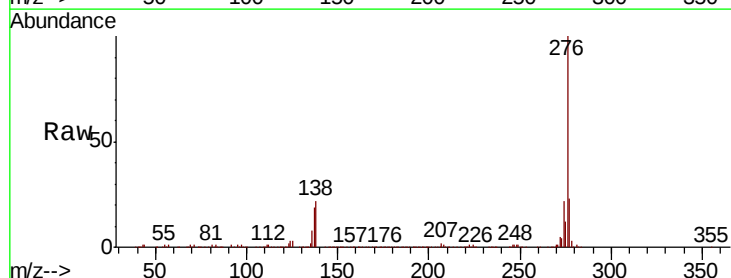
Delta R.T. -0.02 min

Lab File: BF115642.D

Acq: 18 Jul 2019 9:03

Tgt Ion:276 Resp: 831995

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.0	28.4
138	21.7	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

