

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114667.D
 Acq On : 30 May 2019 18:30
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 30 19:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	372806	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1478925	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	718338	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1321362	20.00	ng	0.00
76) Chrysene-d12	13.82	240	769627	20.00	ng	0.00
87) Perylene-d12	15.20	264	840544	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1699393	80.03	ng	0.00
7) Phenol-d6	6.33	99	2070008	80.90	ng	0.00
23) Nitrobenzene-d5	7.26	82	1953790	82.42	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	561678	82.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3255115	85.15	ng	0.00
79) Terphenyl-d14	12.78	244	3342237	81.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	407711	40.011	ng	96
3) Pyridine	3.03	79	1189130	40.098	ng	99
4) n-Nitrosodimethylamine	2.97	42	454991	37.913	ng	95
6) Aniline	6.36	93	1555761	40.252	ng	99
8) 2-Chlorophenol	6.48	128	1017136	41.478	ng	99
9) Benzaldehyde	6.24	77	636511	46.478	ng	97
10) Phenol	6.35	94	1255279	40.610	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	962758	40.720	ng	100
12) 1,3-Dichlorobenzene	6.64	146	1165831	41.729	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1149113	40.999	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1077452	42.225	ng	100
15) Benzyl Alcohol	6.84	79	812602	40.373	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1392915	38.411	ng	100
17) 2-Methylphenol	6.95	107	840825	40.540	ng	99
18) Hexachloroethane	7.21	117	406471	38.304	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	679643	38.481	ng	99
20) 3+4-Methylphenols	7.11	107	946971	38.820	ng	98
22) Acetophenone	7.11	105	1287414	40.855	ng	99
24) Nitrobenzene	7.28	77	1039791	41.293	ng	92
25) Isophorone	7.52	82	1852878	38.948	ng	99
26) 2-Nitrophenol	7.59	139	512900	41.845	ng	100
27) 2,4-Dimethylphenol	7.64	122	834020	40.913	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1210055	39.958	ng	99
29) 2,4-Dichlorophenol	7.83	162	854570	41.186	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	990838	41.914	ng	99
31) Naphthalene	8.00	128	2726718	40.027	ng	100
32) Benzoic acid	7.76	122	542955	41.007	ng	98
33) 4-Chloroaniline	8.05	127	1301999	40.117	ng	100
34) Hexachlorobutadiene	8.13	225	553198	42.125	ng	98
35) Caprolactam	8.42	113	282105	40.288	ng	98
36) 4-Chloro-3-methylphenol	8.53	107	849261	40.814	ng	98
37) 2-Methylnaphthalene	8.69	142	1855856	41.003	ng	99
38) 1-Methylnaphthalene	8.79	142	1767950	41.227	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	832185	43.502	ng	99

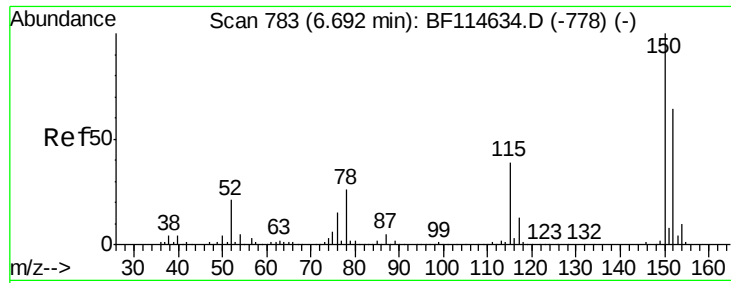
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	397676	31.458	nq	100
43) 2,4,6-Trichlorophenol	8.96	196	623686	41.435	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	632252	42.093	nq	98
46) 1,1'-Biphenyl	9.15	154	2164921	40.600	nq	100
47) 2-Chloronaphthalene	9.17	162	1827013	41.770	nq	98
48) 2-Nitroaniline	9.26	65	570689	42.279	nq	99
49) Acenaphthylene	9.59	152	2673511	39.564	nq	99
50) Dimethylphthalate	9.46	163	2070357	41.362	nq	100
51) 2,6-Dinitrotoluene	9.51	165	479092	41.191	nq	99
52) Acenaphthene	9.76	154	1688622	40.747	nq	99
53) 3-Nitroaniline	9.67	138	599649	42.125	nq	99
54) 2,4-Dinitrophenol	9.77	184	148190	32.301	nq	93
55) Dibenzofuran	9.93	168	2354270	39.910	nq	99
56) 4-Nitrophenol	9.83	139	427018	40.480	nq	94
57) 2,4-Dinitrotoluene	9.91	165	617137	41.343	nq	# 84
58) Fluorene	10.27	166	1635527	40.906	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.05	232	512970	41.723	nq	100
60) Diethylphthalate	10.15	149	2098426	41.046	nq	100
61) 4-Chlorophenyl-phenylether	10.26	204	837388	41.737	nq	100
62) 4-Nitroaniline	10.28	138	583817	42.088	nq	99
63) Azobenzene	10.42	77	1852129	39.460	nq	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	201025	34.310	nq	77
66) n-Nitrosodiphenylamine	10.38	169	1646349	42.171	nq	100
67) 4-Bromophenyl-phenylether	10.75	248	594186	41.933	nq	97
68) Hexachlorobenzene	10.82	284	642956	41.893	nq	99
69) Atrazine	10.91	200	491874	39.020	nq	99
70) Pentachlorophenol	11.00	266	365362	41.297	nq	99
71) Phenanthrene	11.22	178	2612896	38.764	nq	100
72) Anthracene	11.27	178	2632409	38.587	nq	100
73) Carbazole	11.42	167	2390545	39.871	nq	100
74) Di-n-butylphthalate	11.77	149	2995199	40.309	nq	100
75) Fluoranthene	12.40	202	2617703	37.505	nq	100
77) Benzidine	12.52	184	1394614	44.005	nq	98
78) Pyrene	12.63	202	2609193	40.077	nq	100
80) Butylbenzylphthalate	13.26	149	1306688	39.936	nq	99
81) Benzo(a)anthracene	13.81	228	2322108	39.263	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	961572	42.100	nq	99
83) Chrysene	13.84	228	2227461	39.420	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1662175	41.092	nq	99
85) Di-n-octyl phthalate	14.43	149	2745158	39.060	nq	99
86) Indeno(1,2,3-cd)pyrene	16.52	276	1929975	34.102	nq	99
88) Benzo(b)fluoranthene	14.82	252	2086781	39.417	nq	99
89) Benzo(k)fluoranthene	14.84	252	1998749	43.437	nq	99
90) Benzo(a)pyrene	15.15	252	1878836	40.398	nq	100
91) Dibenzo(a,h)anthracene	16.54	278	1581694	38.487	nq	99
92) Benzo(g,h,i)perylene	16.92	276	1539635	38.600	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

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ClientSampleId :

SSTDCCC040EC

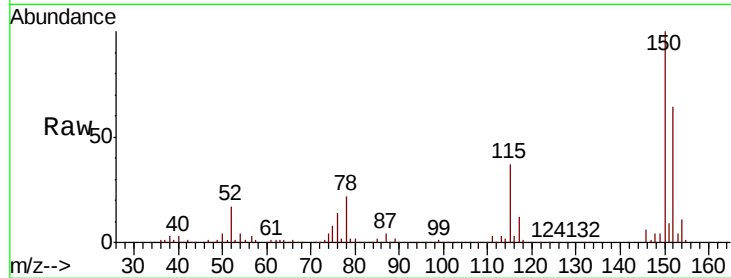
Tot Ion:152 Resp: 372806

Ion Ratio Lower Upper

152 100

150 155.2 124.4 186.6

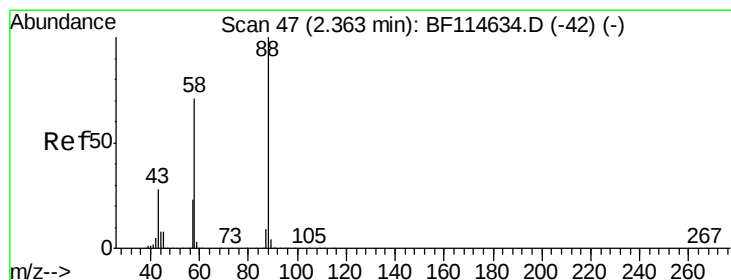
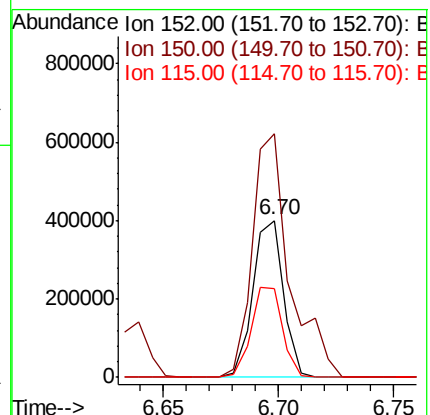
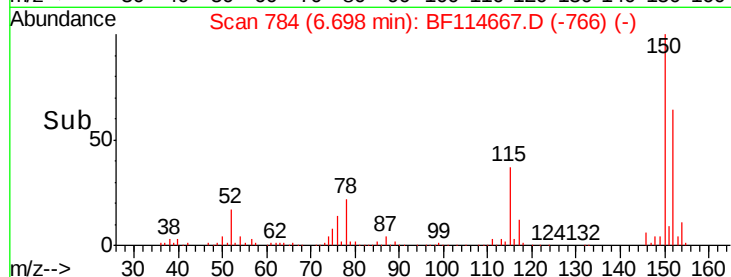
115 57.0 48.7 73.1



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: 40.011 ng

RT: 2.35 min Scan# 44

Delta R.T. -0.02 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

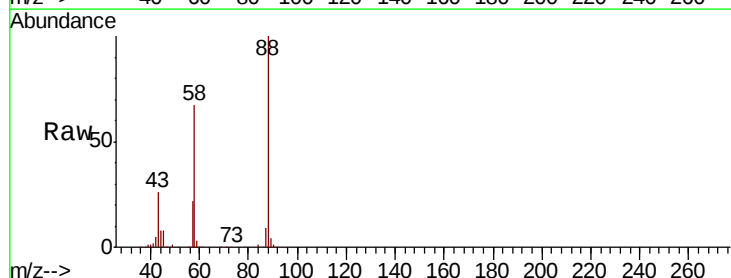
Tgt Ion: 88 Resp: 407711

Ion Ratio Lower Upper

88 100

58 68.4 57.2 85.8

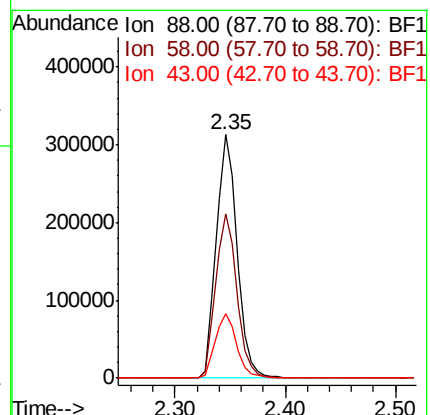
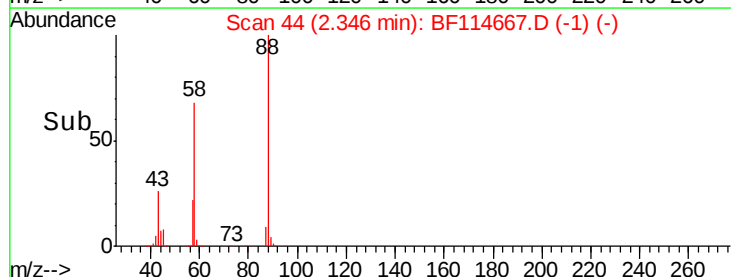
43 26.3 22.6 33.8

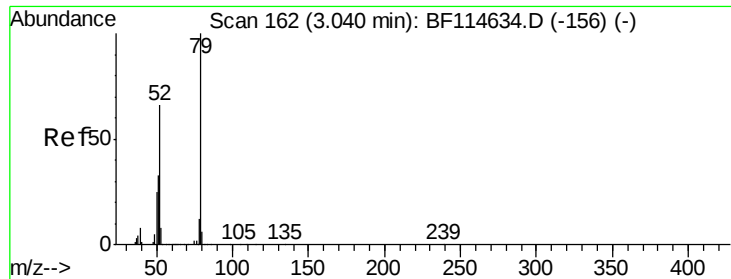


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 40.098 ng

RT: 3.03 min Scan# 160

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

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ClientSampleId :

SSTDCCC040EC

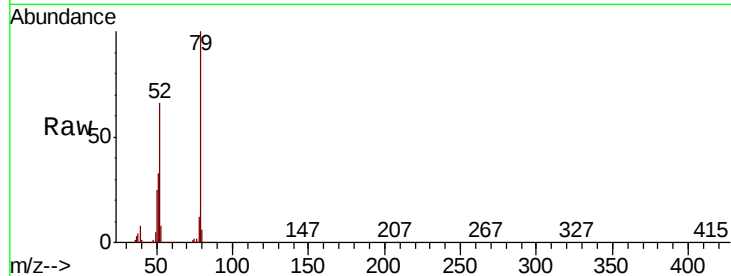
Tot Ion: 79 Resp: 1189130

Ion Ratio Lower Upper

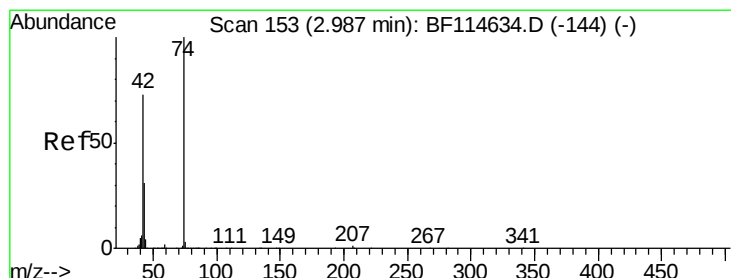
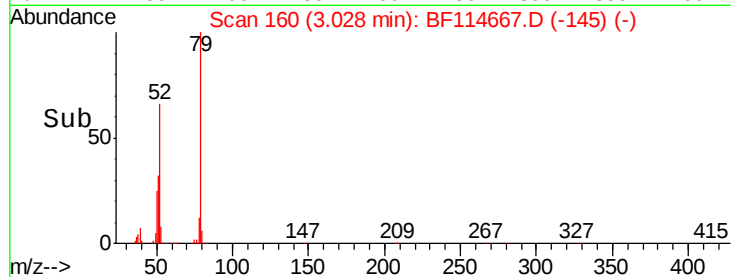
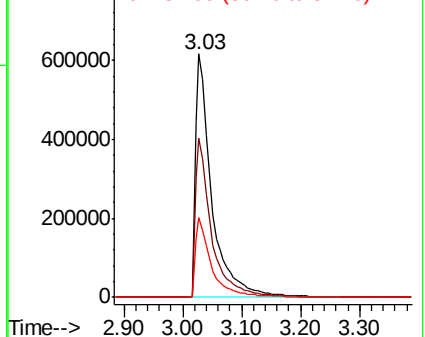
79 100

52 65.5 52.8 79.2

51 32.5 26.3 39.5



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: 37.913 ng

RT: 2.97 min Scan# 151

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

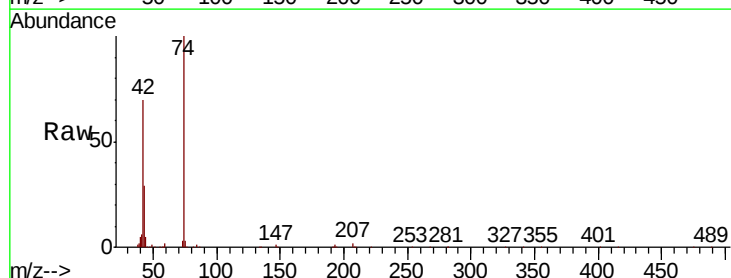
Tgt Ion: 42 Resp: 454991

Ion Ratio Lower Upper

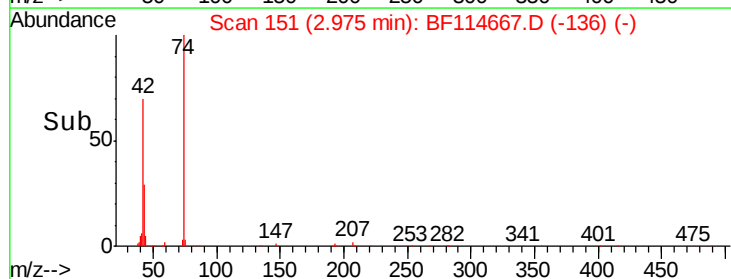
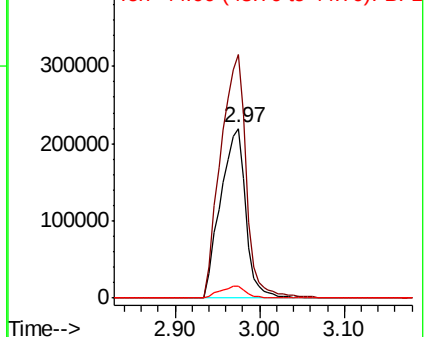
42 100

74 143.3 110.0 165.0

44 6.8 5.6 8.4



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





#5

2-Fluorophenol

Concen: 80.032 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

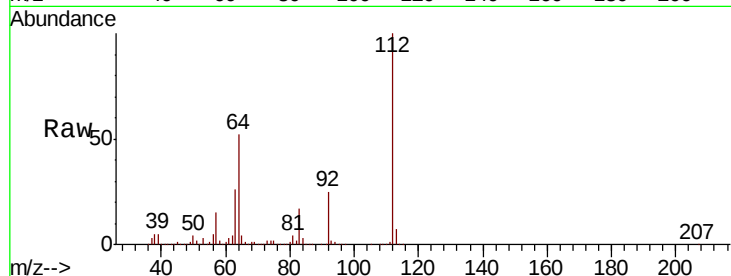
Tot Ion:112 Resp: 1699393

Ion Ratio Lower Upper

112 100

64 51.5 46.1 69.1

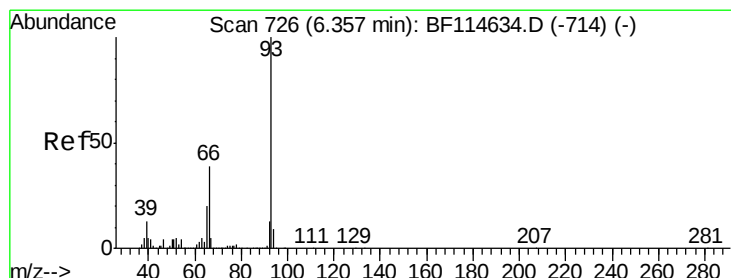
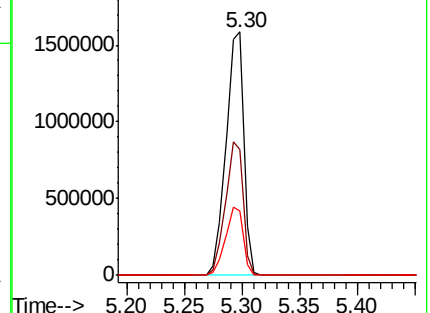
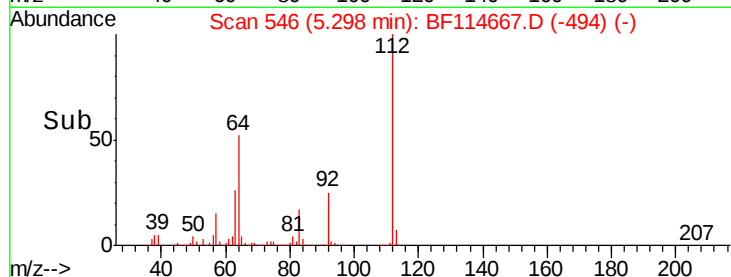
63 26.4 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.252 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

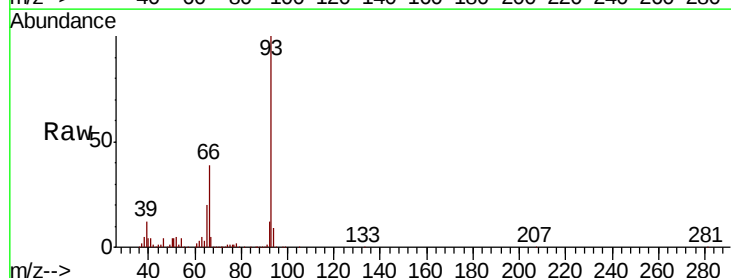
Tgt Ion: 93 Resp: 1555761

Ion Ratio Lower Upper

93 100

66 38.8 31.4 47.2

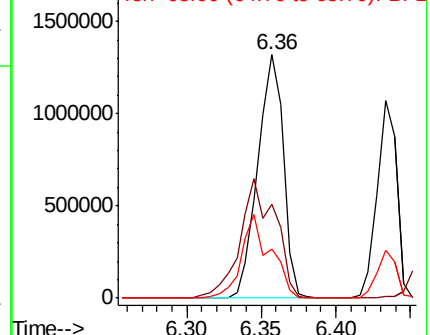
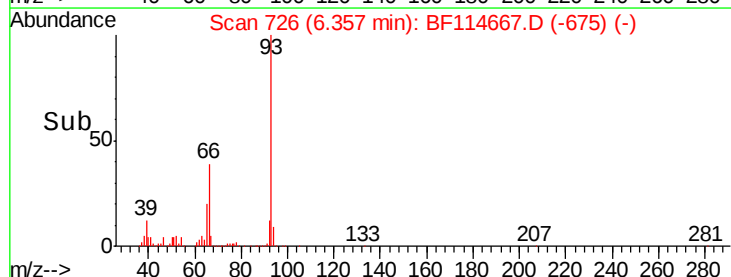
65 19.9 16.2 24.2

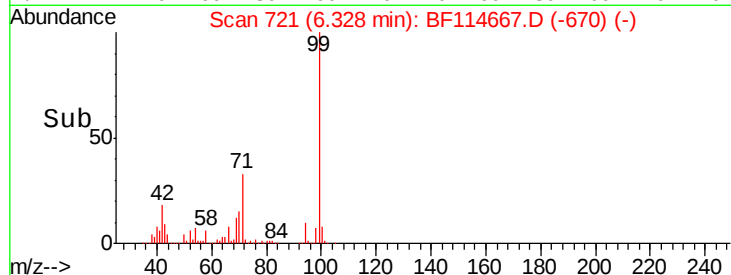
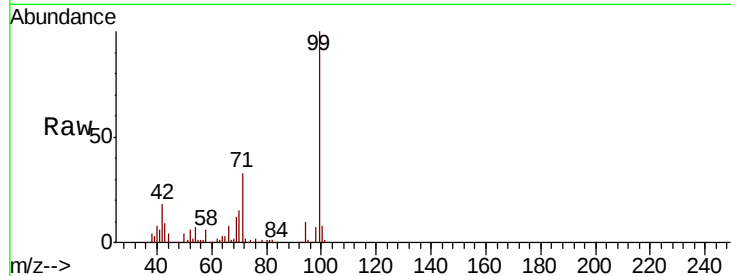
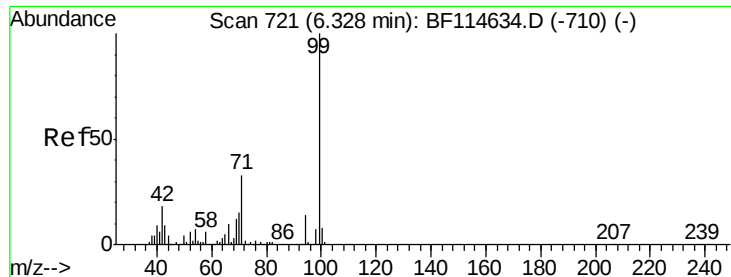


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.899 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

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ClientSampleId :

SSTDCCC040EC

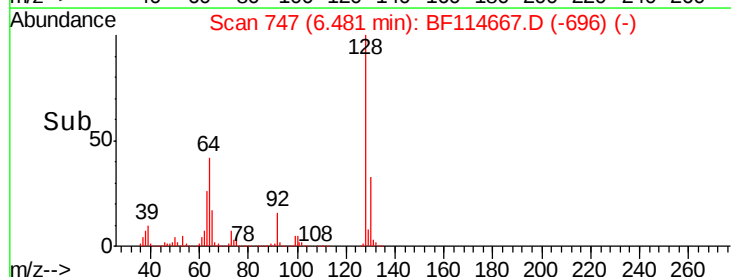
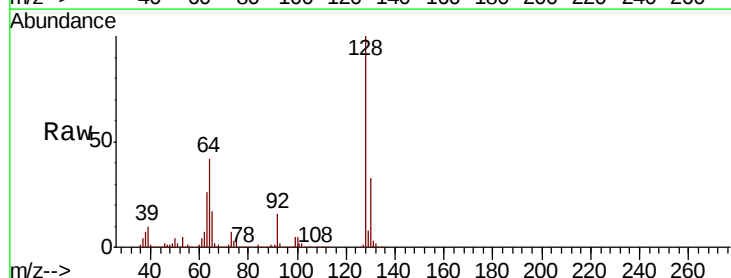
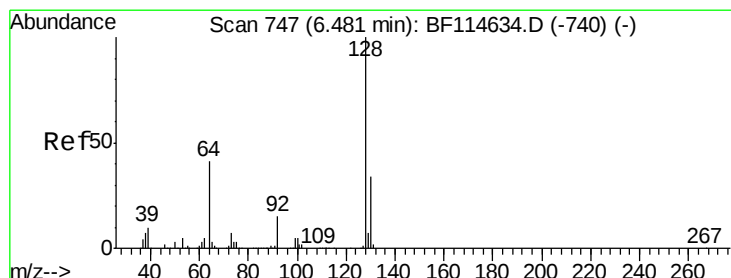
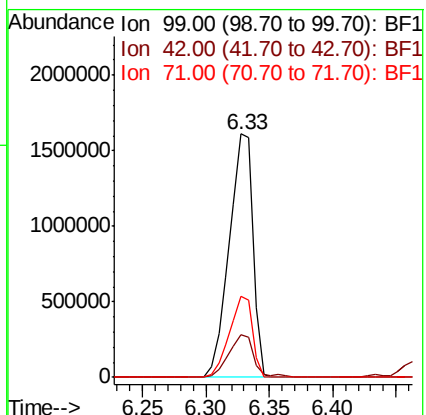
Tot Ion: 99 Resp: 2070008

Ion Ratio Lower Upper

99 100

42 17.6 14.7 22.1

71 33.4 26.6 40.0



#8

2-Chlorophenol

Concen: 41.478 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

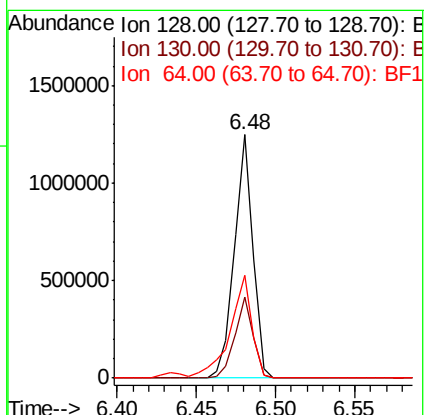
Tgt Ion:128 Resp: 1017136

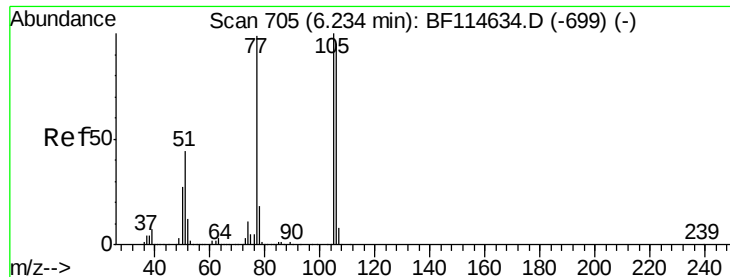
Ion Ratio Lower Upper

128 100

130 33.4 13.9 53.9

64 42.2 22.0 62.0





#9

Benzaldehyde

Concen: 46.478 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

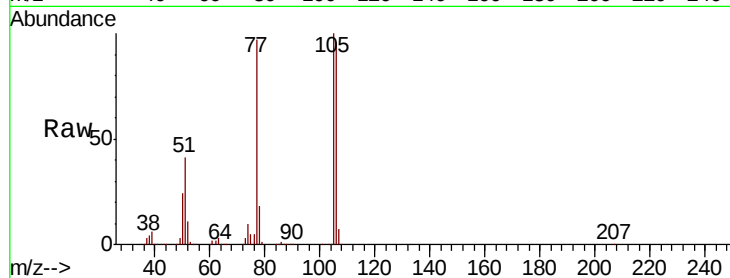
Tot Ion: 77 Resp: 636511

Ion Ratio Lower Upper

77 100

105 103.4 80.8 120.8

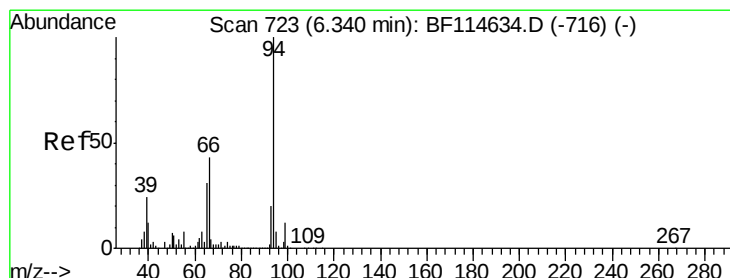
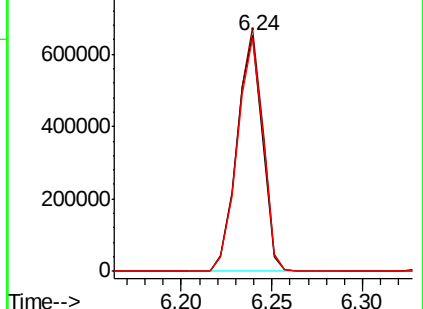
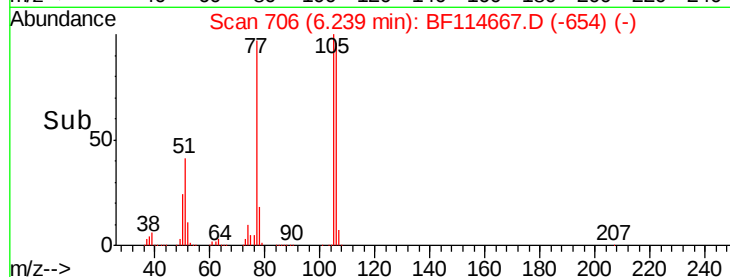
106 99.0 76.2 116.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.610 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

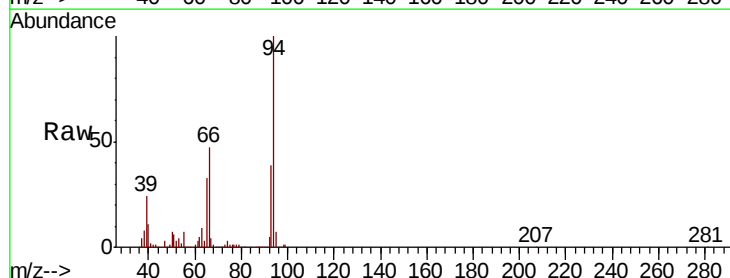
Tgt Ion: 94 Resp: 1255279

Ion Ratio Lower Upper

94 100

65 32.7 11.0 51.0

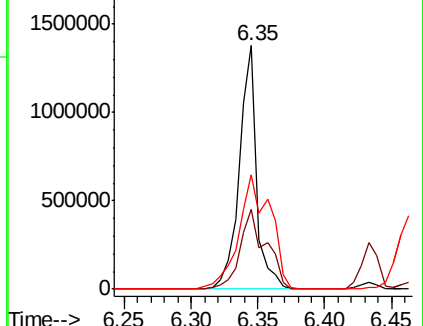
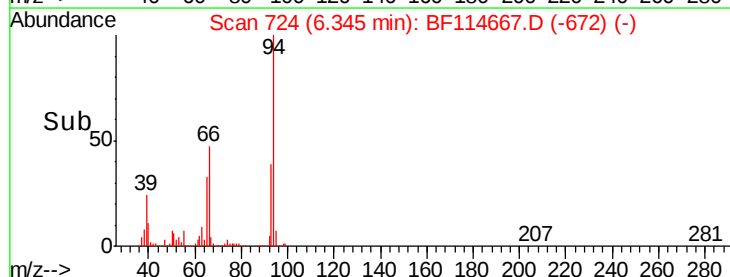
66 46.9 23.0 63.0

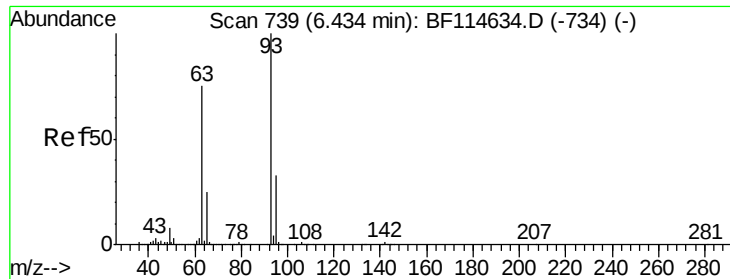


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

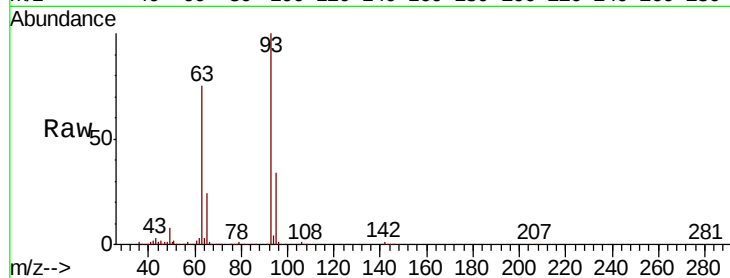




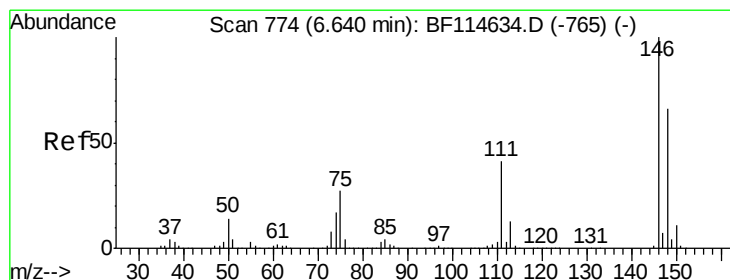
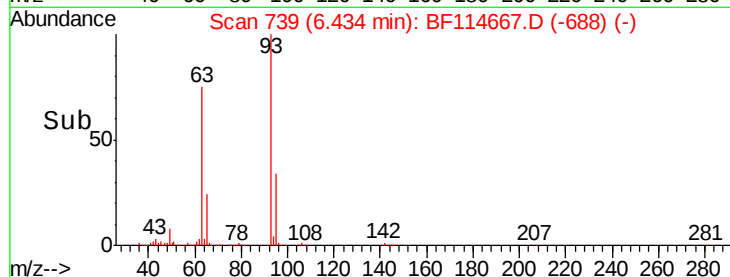
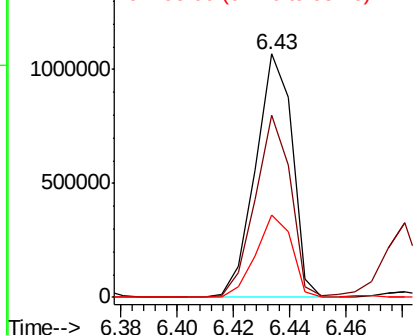
#11
bis(2-Chloroethyl)ether
Concen: 40.720 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 93 Resp: 962758
Ion Ratio Lower Upper
93 100
63 75.0 55.0 95.0
95 33.8 13.5 53.5

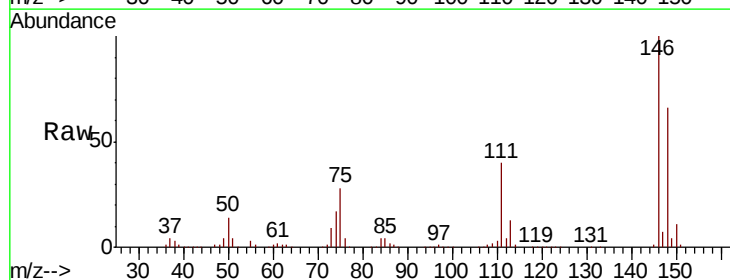


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

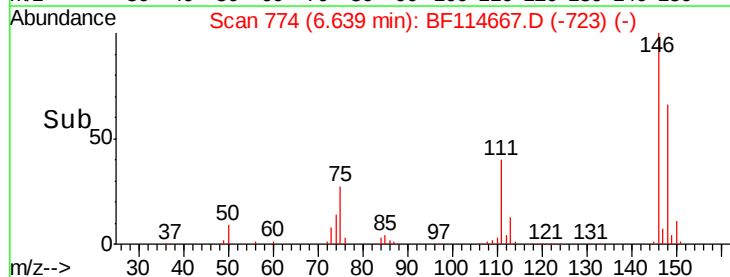
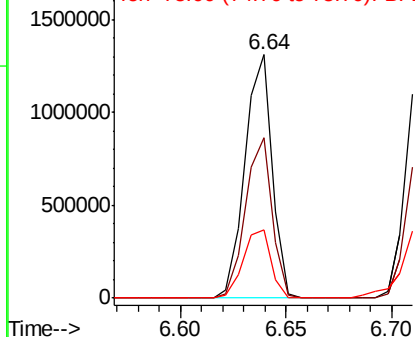


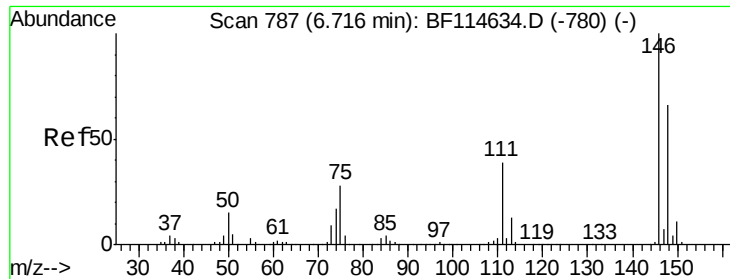
#12
1,3-Dichlorobenzene
Concen: 41.729 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion: 146 Resp: 1165831
Ion Ratio Lower Upper
146 100
148 65.8 52.9 79.3
75 27.9 22.0 33.0



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

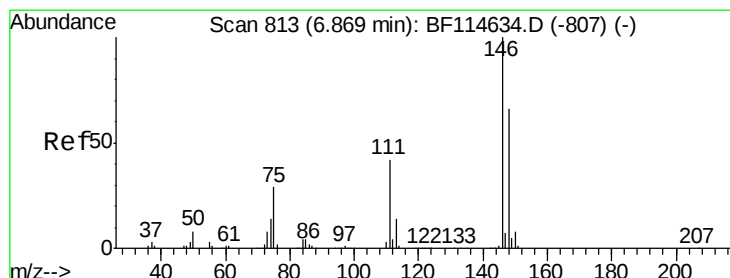
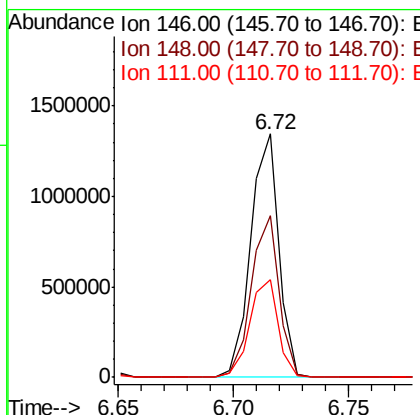
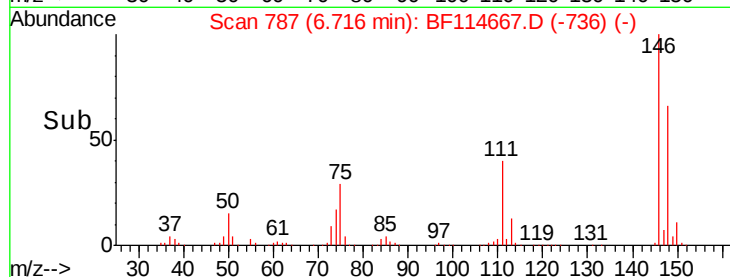
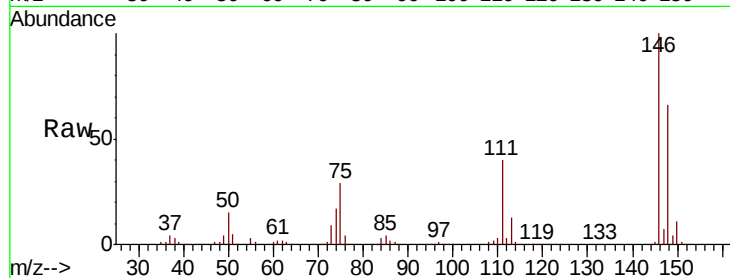




#13
 1,4-Dichlorobenzene
 Concen: 40.999 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

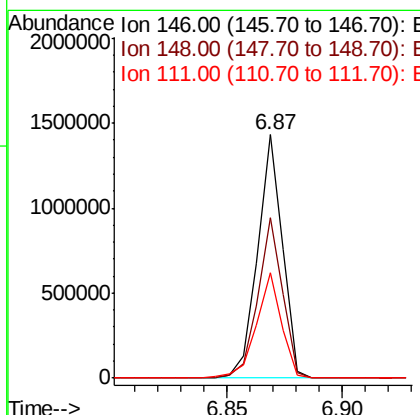
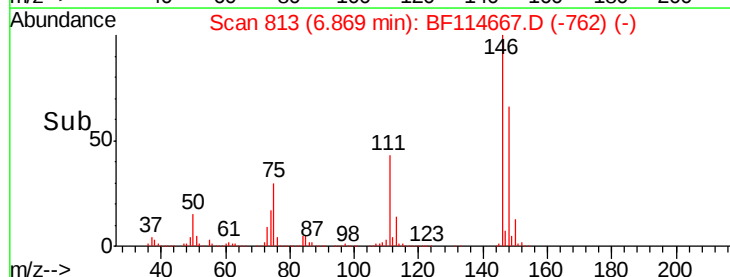
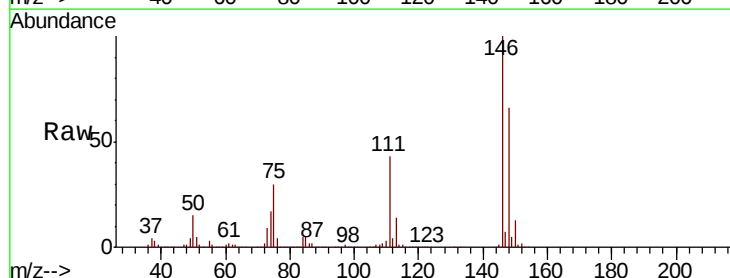
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:146 Resp: 1149113
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.5 78.7
 111 40.2 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 42.225 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion:146 Resp: 1077452
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.6 79.0
 111 43.1 34.1 51.1





#15

Benzyl Alcohol

Concen: 40.373 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

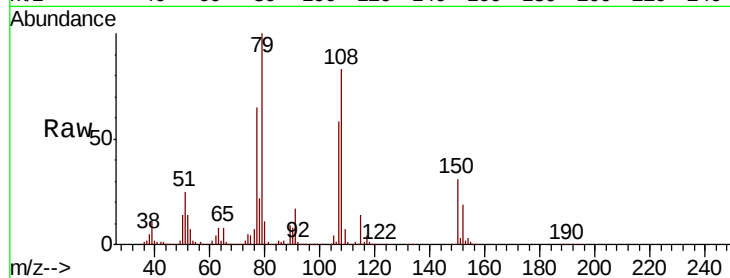
Tot Ion: 79 Resp: 812602

Ion Ratio Lower Upper

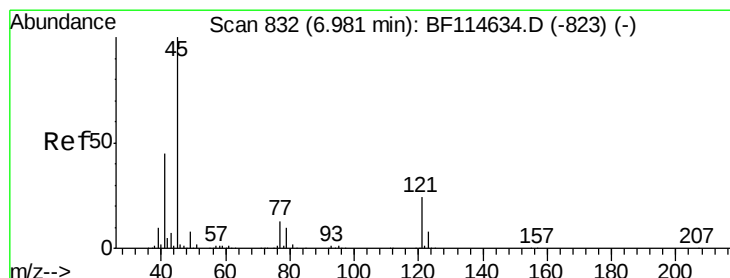
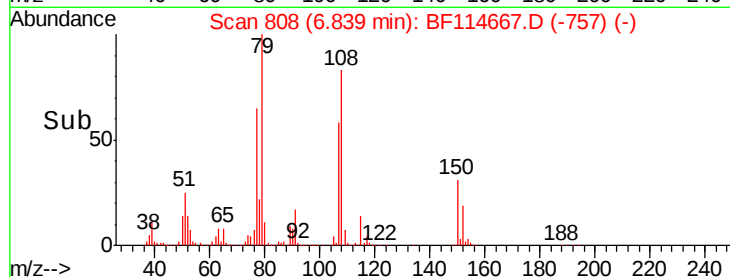
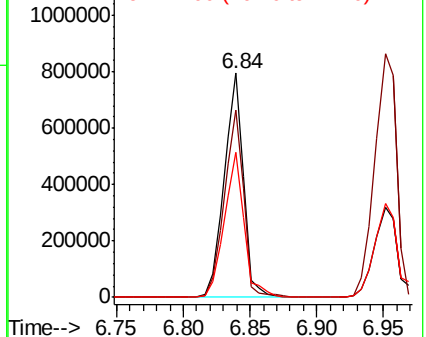
79 100

108 83.3 67.8 101.8

77 64.8 50.7 76.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.411 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

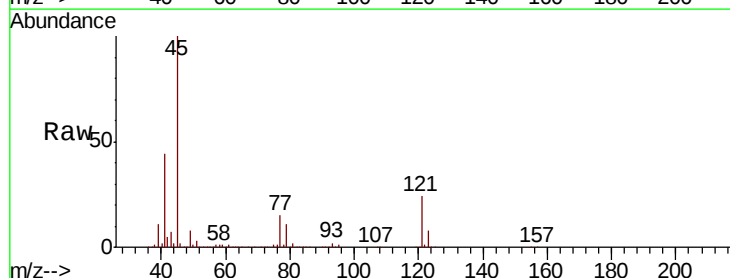
Tgt Ion: 45 Resp: 1392915

Ion Ratio Lower Upper

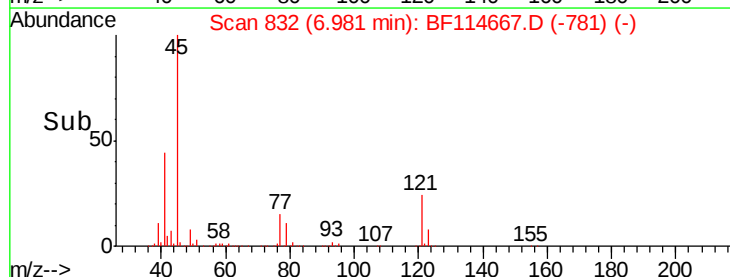
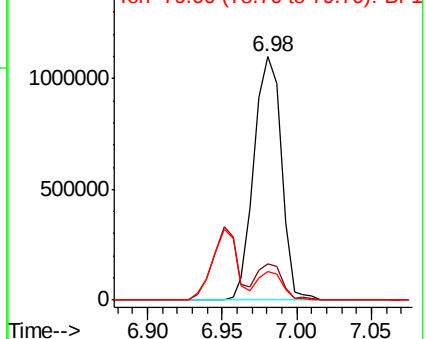
45 100

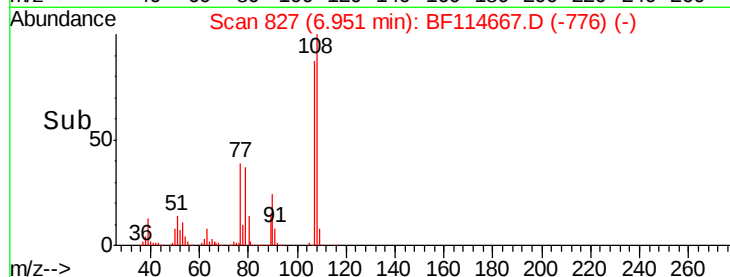
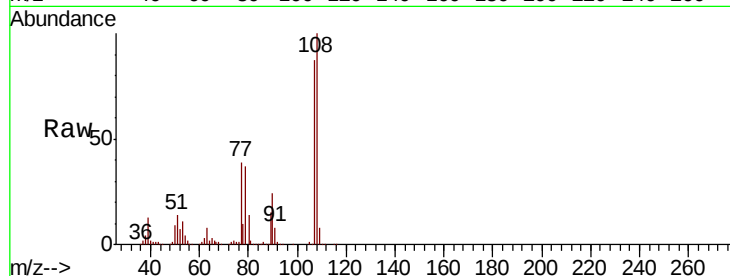
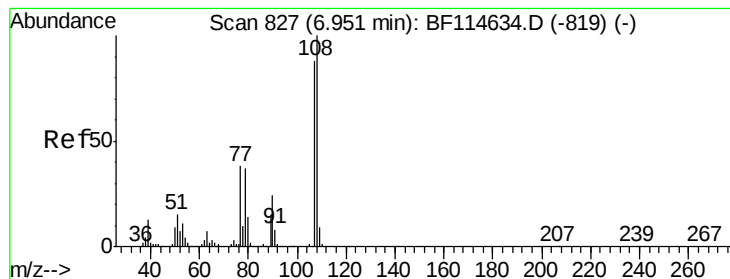
77 14.8 0.0 34.7

79 11.5 0.0 31.3



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.540 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 840825

Ion Ratio Lower Upper

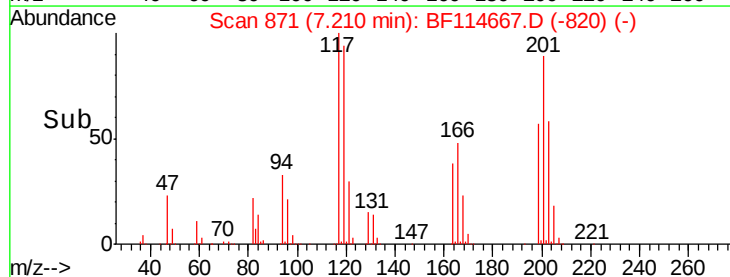
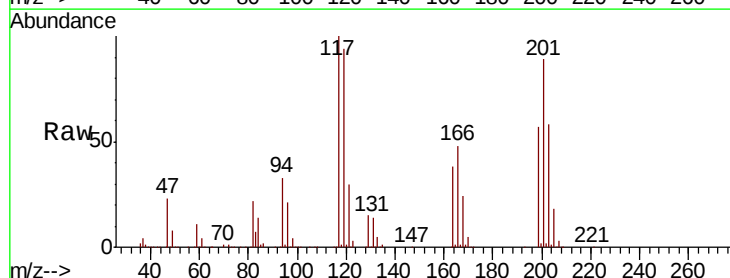
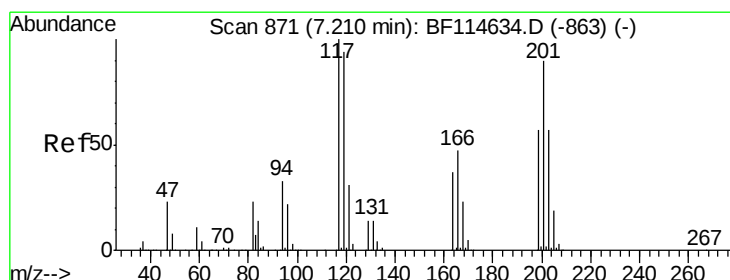
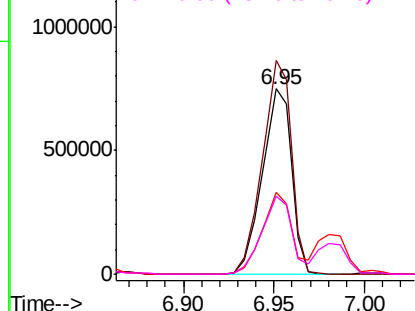
107 100

108 115.2 91.1 136.7

77 44.5 34.9 52.3

79 42.4 33.8 50.6

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



#18

Hexachloroethane

Concen: 38.304 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Tgt Ion:117 Resp: 406471

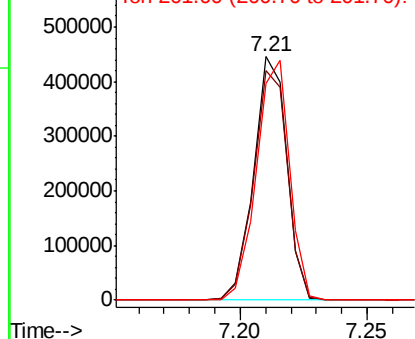
Ion Ratio Lower Upper

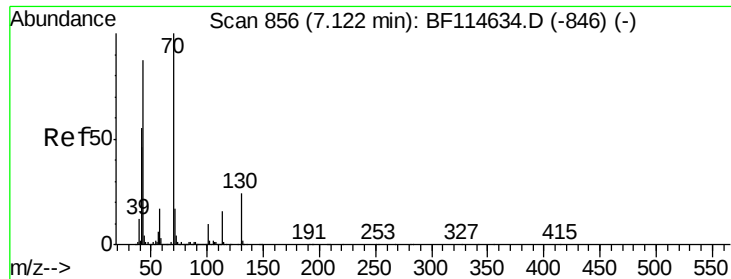
117 100

119 94.4 75.6 113.4

201 89.0 71.7 107.5

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

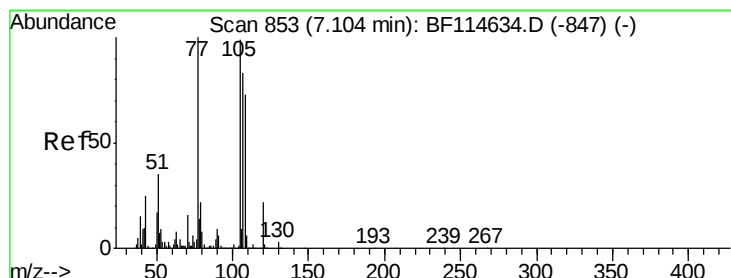
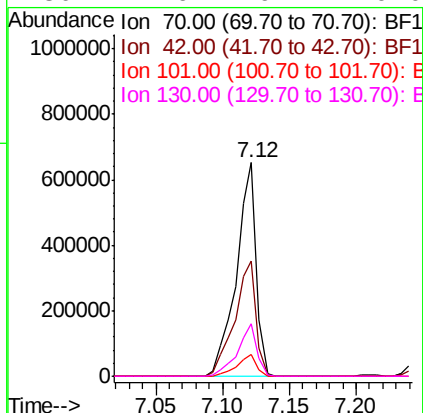
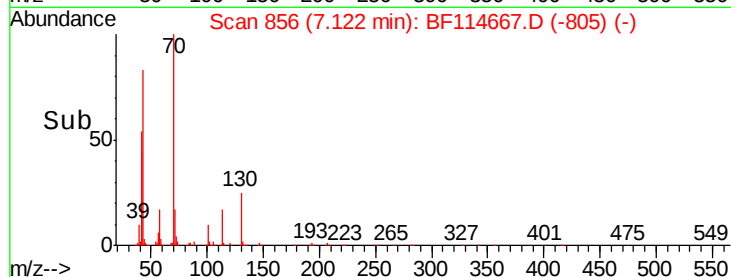
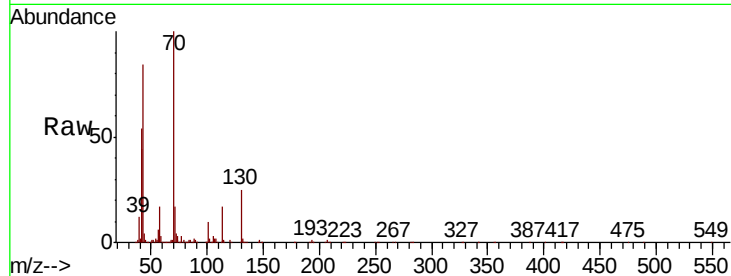




#19
n-Nitroso-di-n-propylamine
Concen: 38.481 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

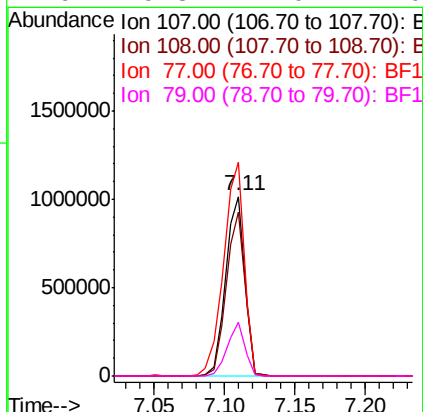
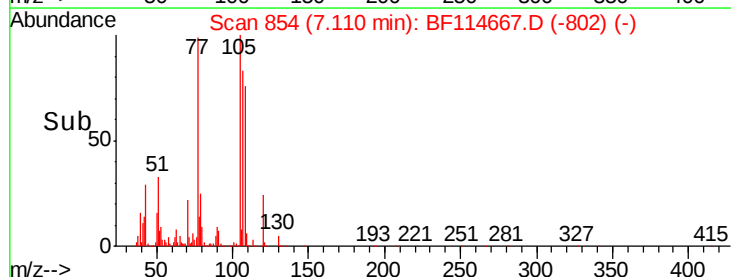
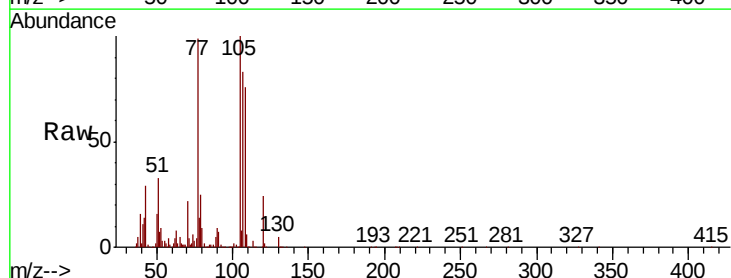
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

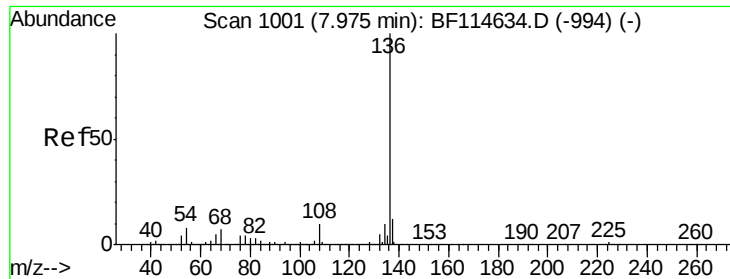
Tot Ion:	70	Resp:	679643
Ion	Ratio	Lower	Upper
70	100		
42	54.1	44.4	66.6
101	10.3	8.2	12.4
130	24.6	19.4	29.0



#20
3+4-Methylphenols
Concen: 38.820 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:	107	Resp:	946971
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.6	108.6
77	119.1	100.5	140.5
79	29.8	7.0	47.0

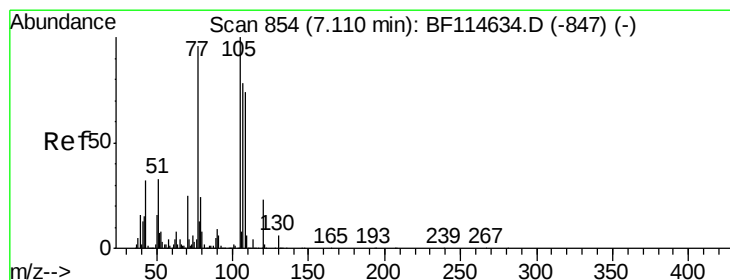
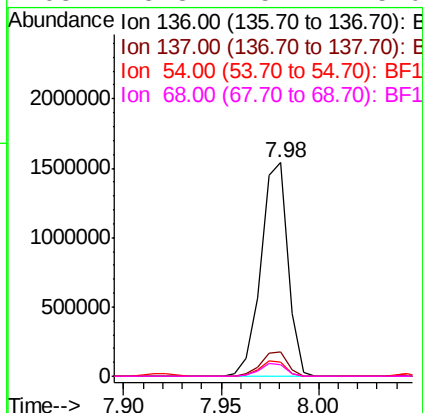
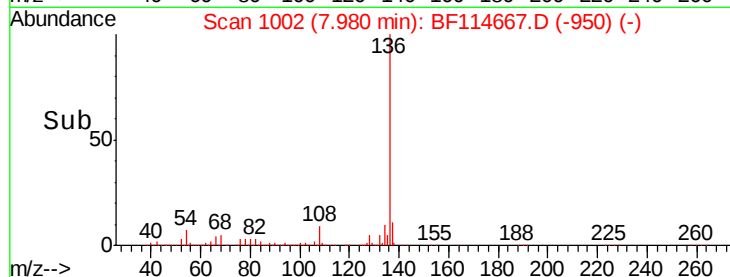
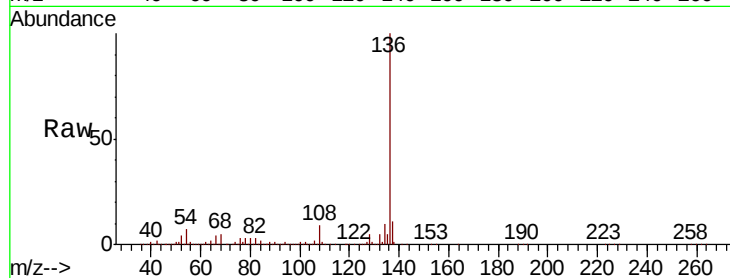




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

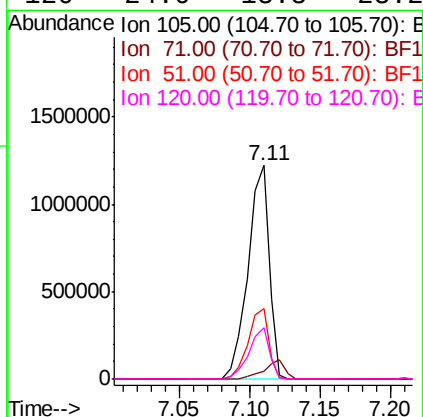
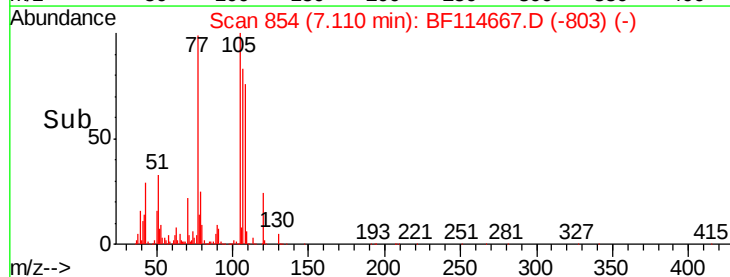
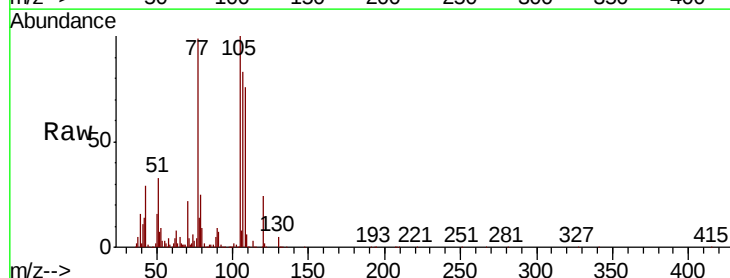
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

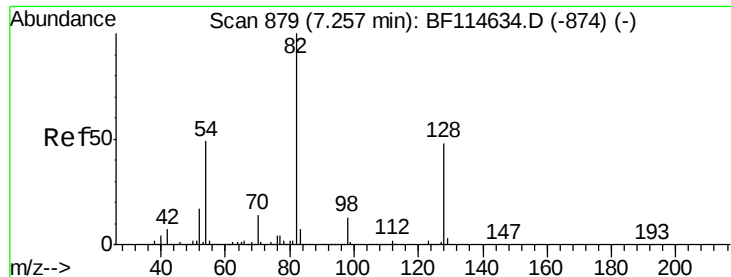
Tot Ion:136 Resp: 1478925
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 6.7 6.3 9.5
68 5.3 5.4 8.0#



#22
Acetophenone
Concen: 40.855 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:105 Resp: 1287414
Ion Ratio Lower Upper
105 100
71 3.7 3.6 5.4
51 33.1 26.0 39.0
120 24.0 18.8 28.2

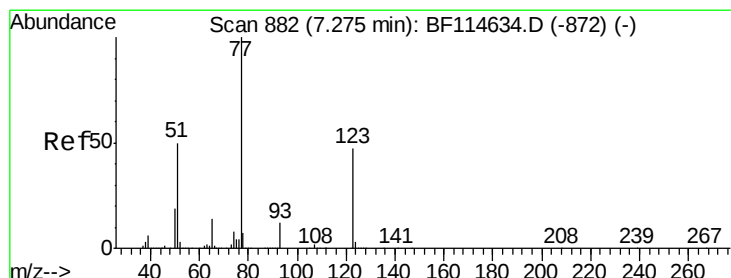
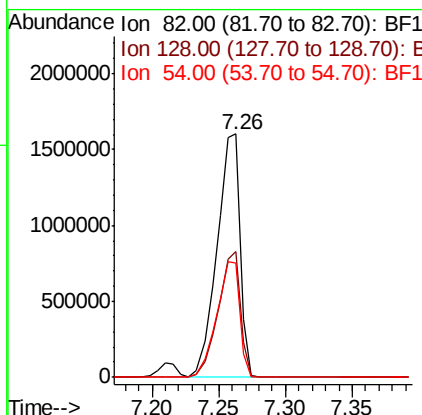
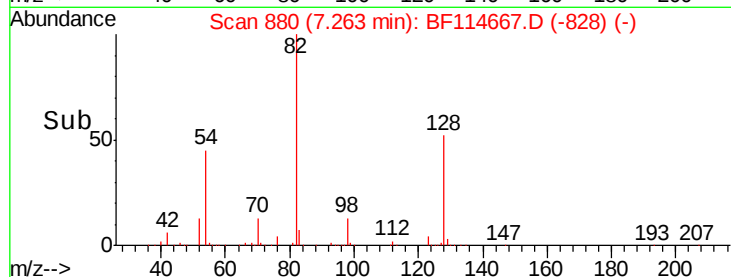
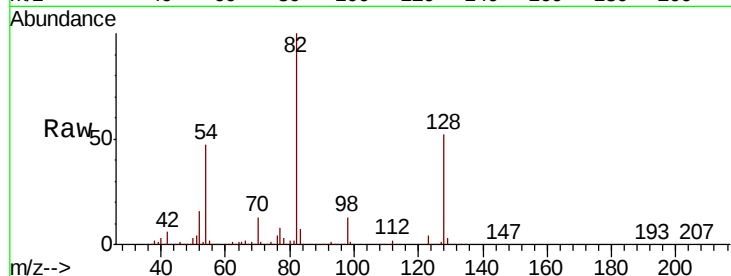




#23
 Nitrobenzene-d5
 Concen: 82.422 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

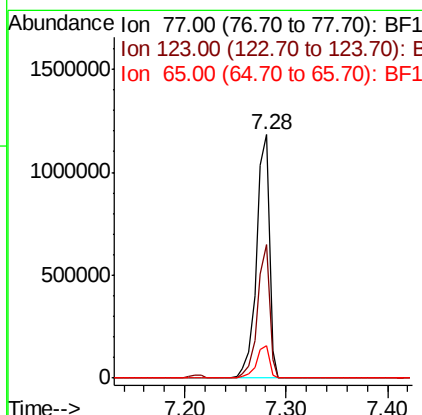
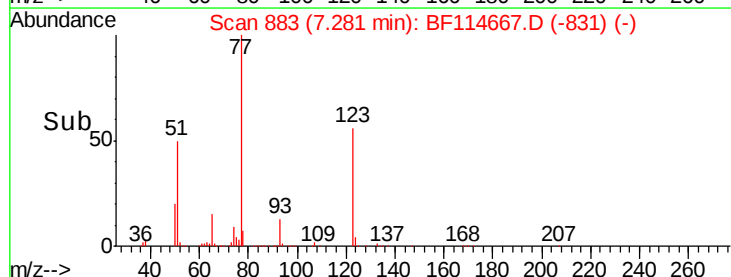
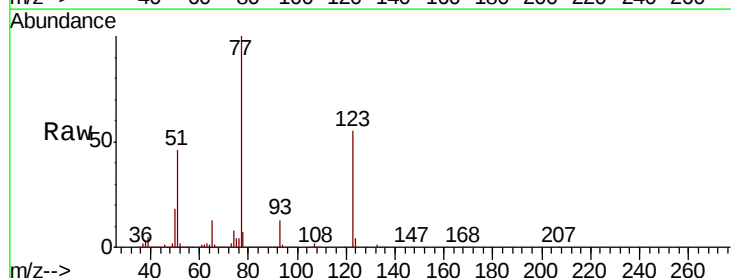
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

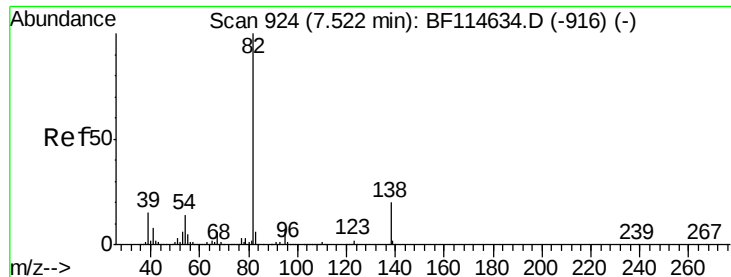
Tot Ion: 82 Resp: 1953790
 Ion Ratio Lower Upper
 82 100
 128 51.9 38.5 57.7
 54 46.7 39.1 58.7



#24
 Nitrobenzene
 Concen: 41.293 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion: 77 Resp: 1039791
 Ion Ratio Lower Upper
 77 100
 123 54.9 38.5 57.7
 65 13.3 11.2 16.8

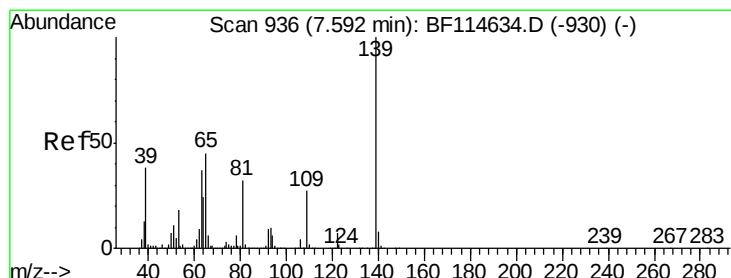
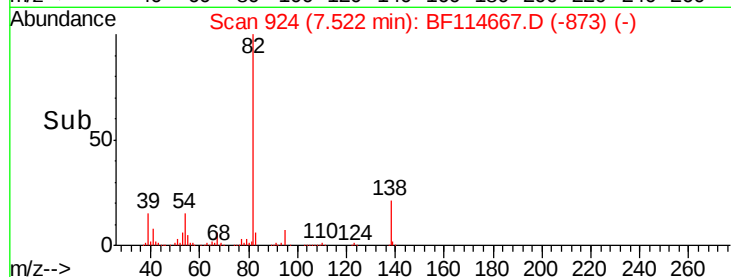
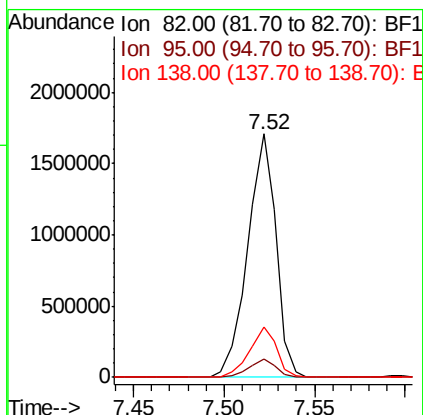
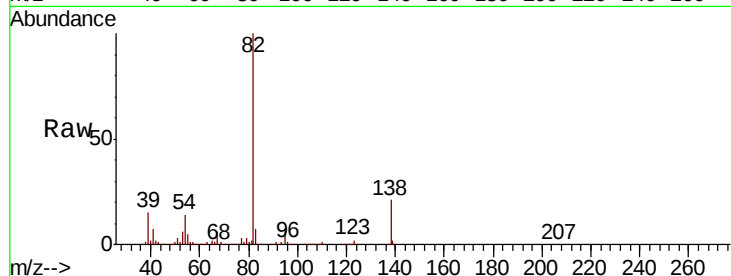




#25
Isophorone
Concen: 38.948 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

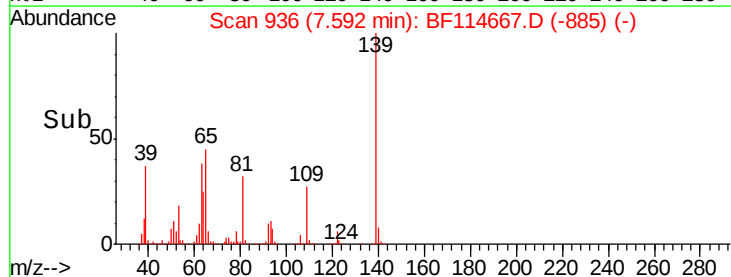
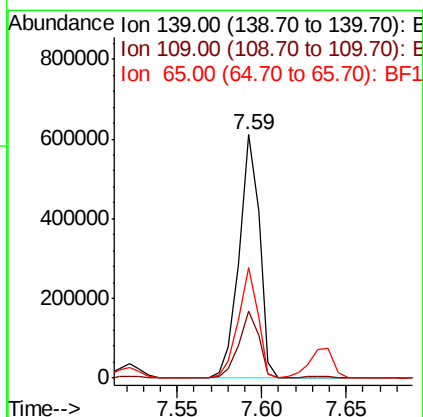
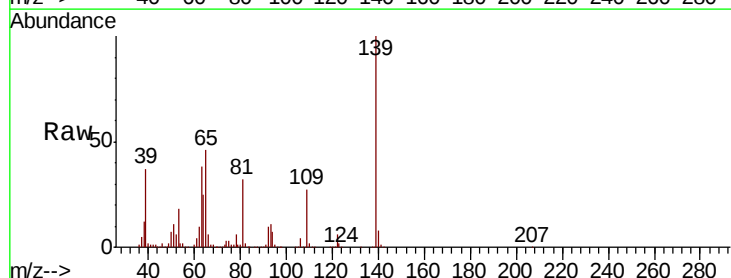
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

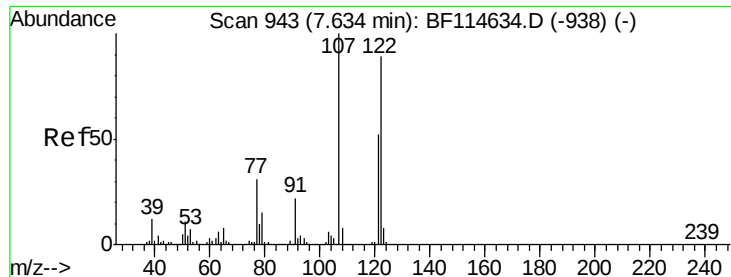
Tot Ion: 82 Resp: 1852878
Ion Ratio Lower Upper
82 100
95 7.3 5.6 8.4
138 20.5 15.9 23.9



#26
2-Nitrophenol
Concen: 41.845 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion: 139 Resp: 512900
Ion Ratio Lower Upper
139 100
109 27.4 21.7 32.5
65 45.6 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 40.913 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

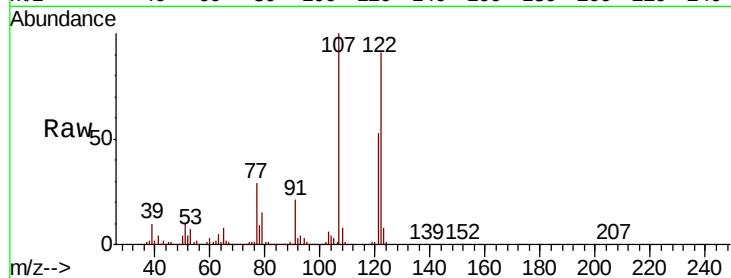
Tot Ion:122 Resp: 834020

Ion Ratio Lower Upper

122 100

107 109.9 89.3 133.9

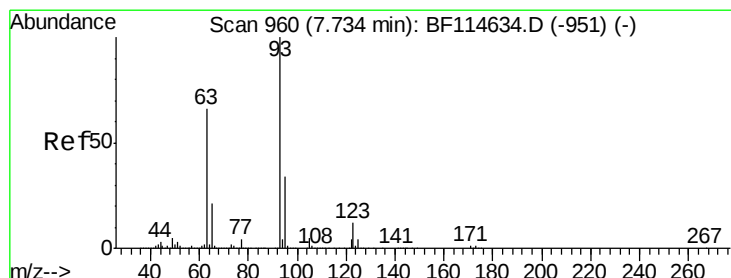
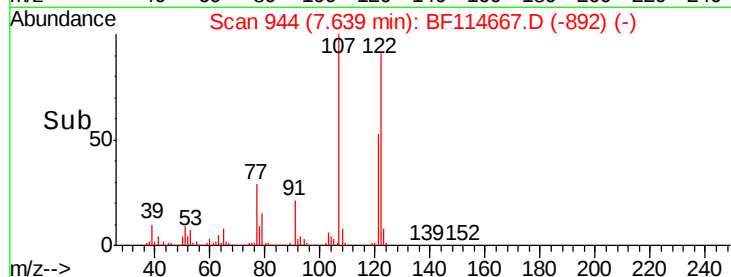
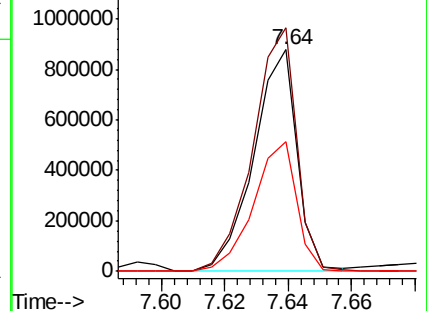
121 58.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.958 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

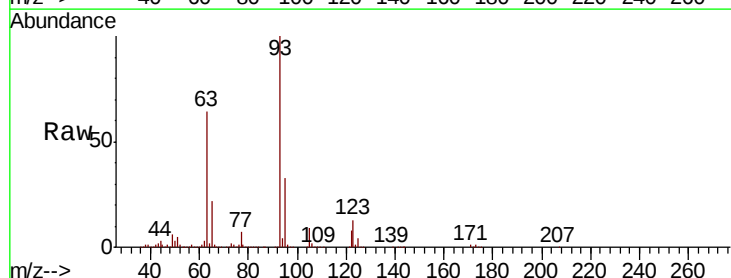
Tgt Ion: 93 Resp: 1210055

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

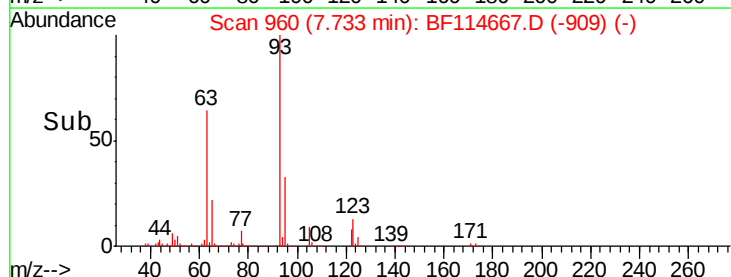
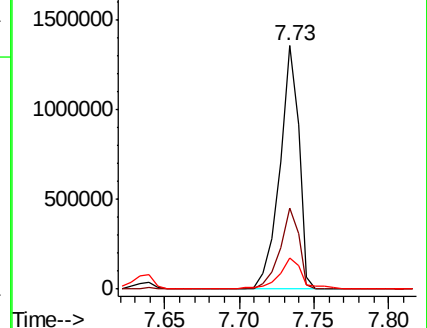
123 12.5 10.2 15.2

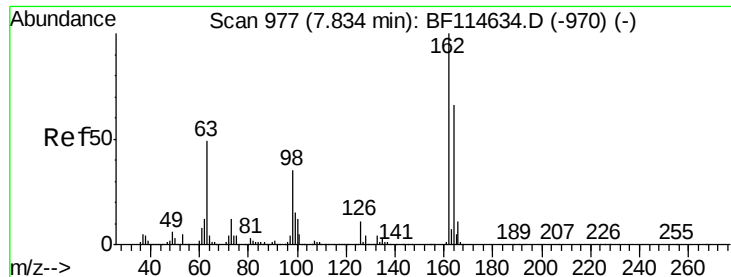


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.186 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

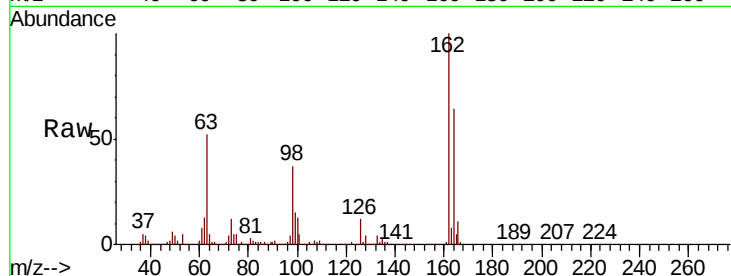
Tot Ion:162 Resp: 854570

Ion Ratio Lower Upper

162 100

164 63.8 45.8 85.8

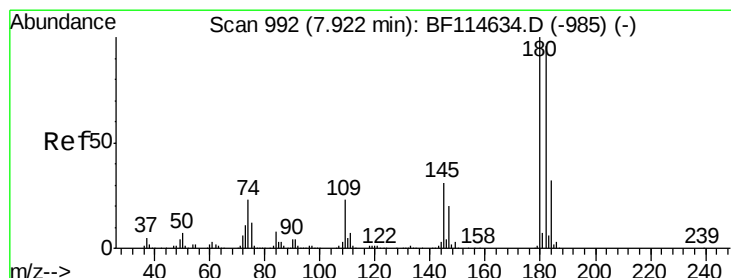
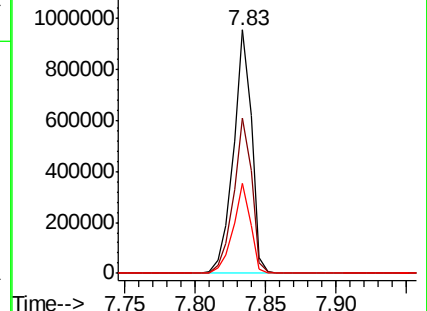
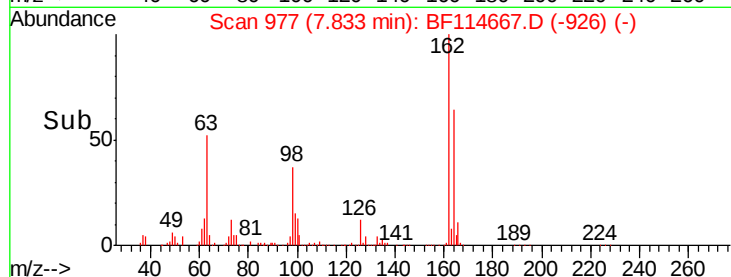
98 36.9 14.9 54.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 41.914 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

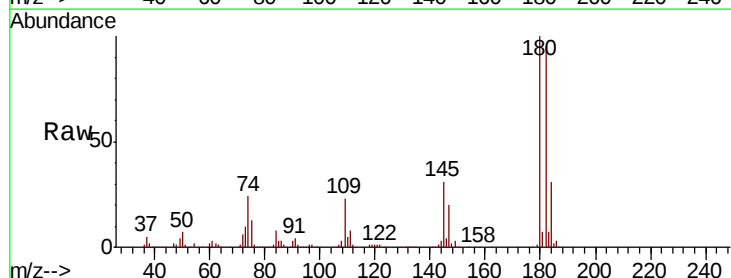
Tgt Ion:180 Resp: 990838

Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

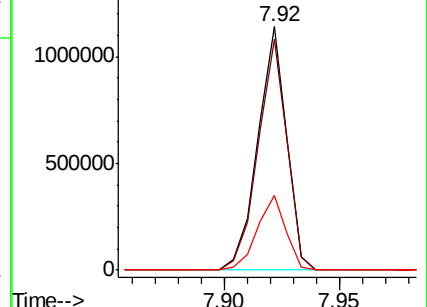
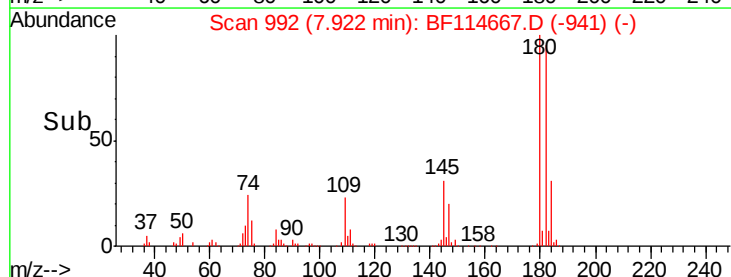
145 30.6 24.5 36.7

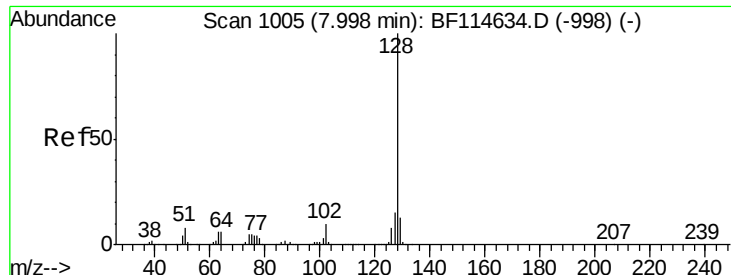


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

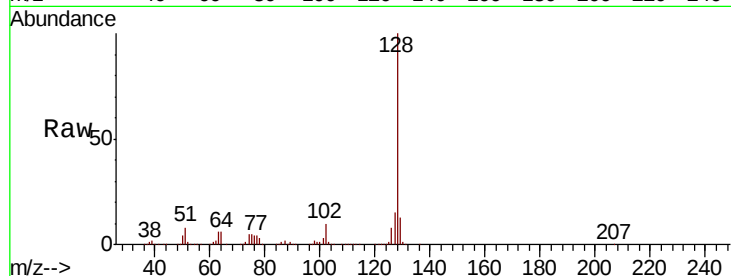




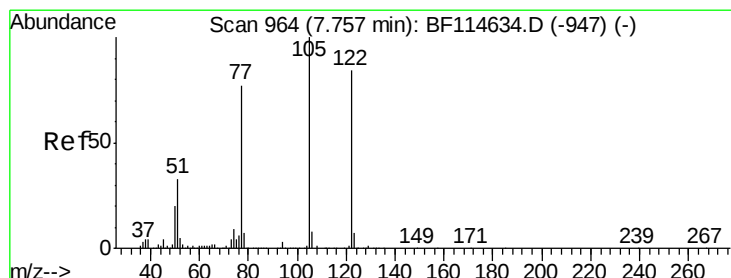
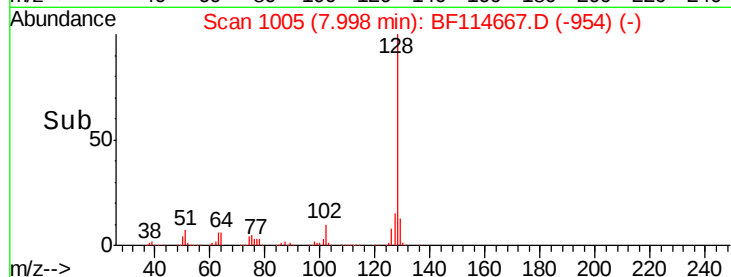
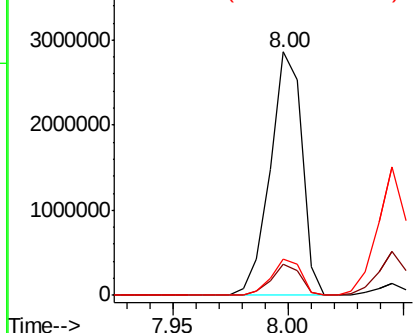
#31
Naphthalene
Concen: 40.027 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2726718
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 14.9 11.9 17.9

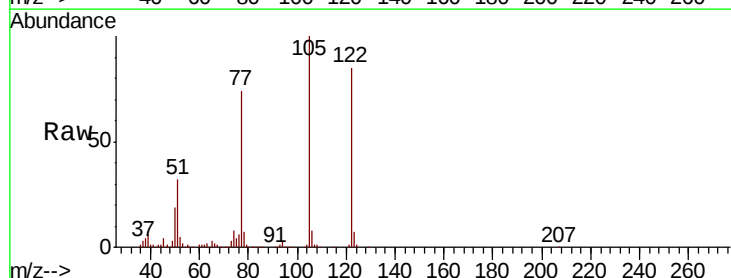


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

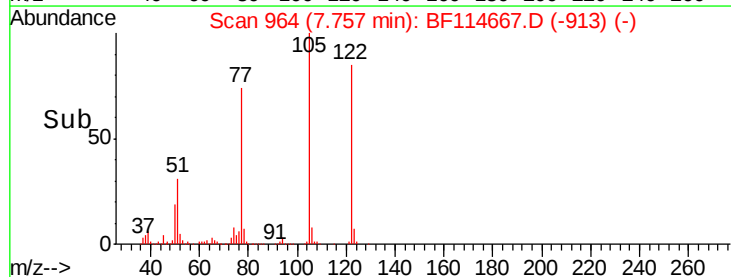
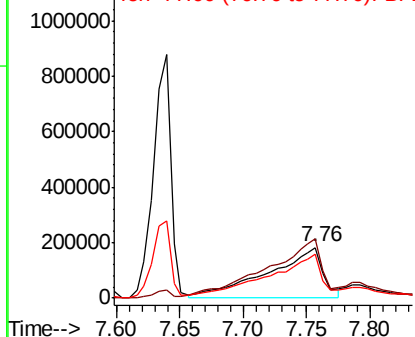


#32
Benzoic acid
Concen: 41.007 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:122 Resp: 542955
Ion Ratio Lower Upper
122 100
105 118.0 98.3 138.3
77 87.4 70.7 110.7



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

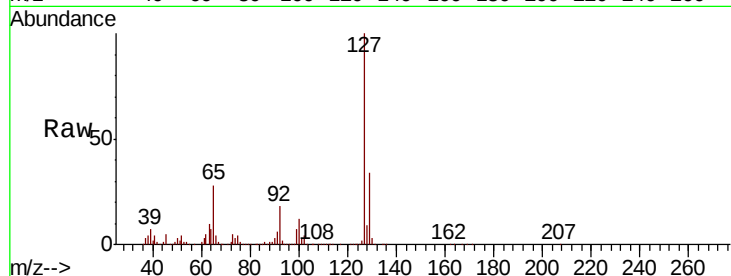




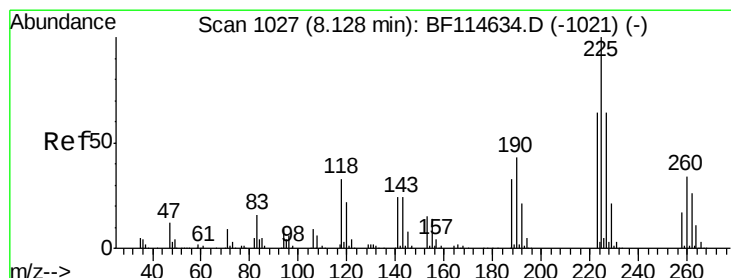
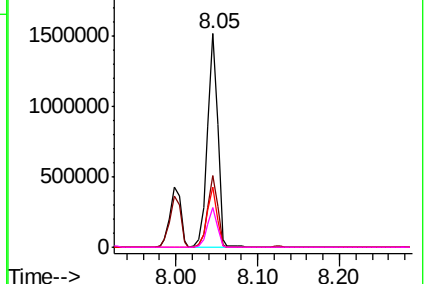
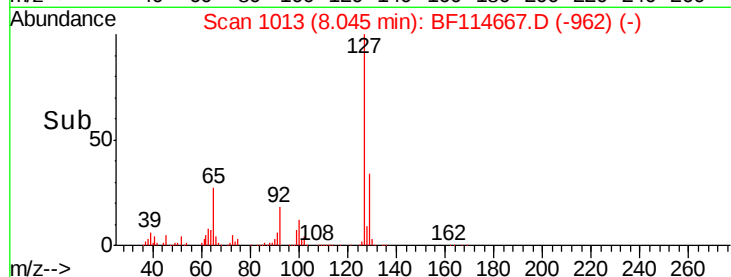
#33
4-Chloroaniline
Concen: 40.117 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:127	Resp: 1301999
Ion Ratio	Lower Upper
127 100	
129 33.6	26.7 40.1
65 28.4	22.5 33.7
92 18.4	14.6 22.0

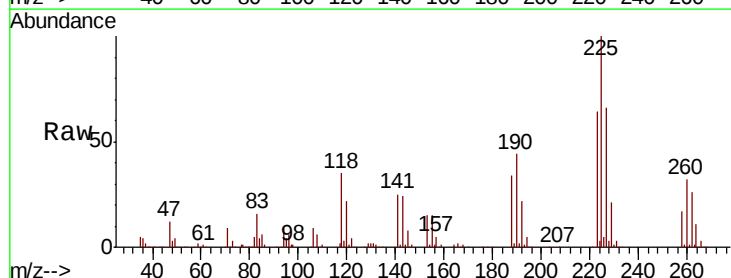


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

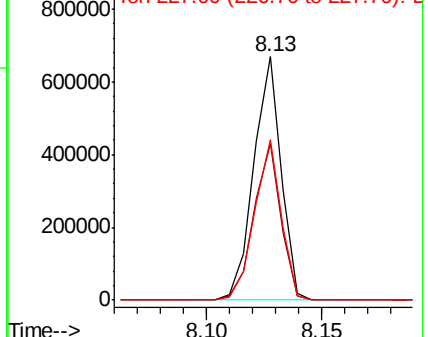
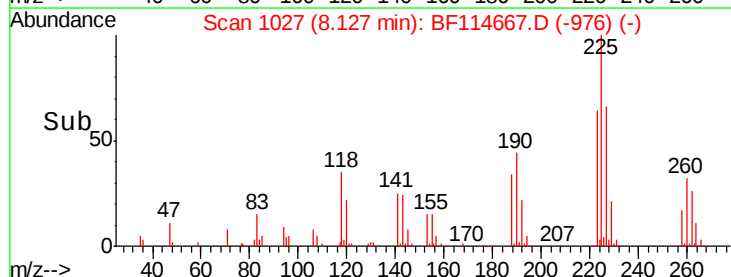


#34
Hexachlorobutadiene
Concen: 42.125 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion	225	Resp: Lower	553198 Upper
	Ratio		
225	100		
223	64.5	50.9	76.3
227	65.7	51.3	76.9



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

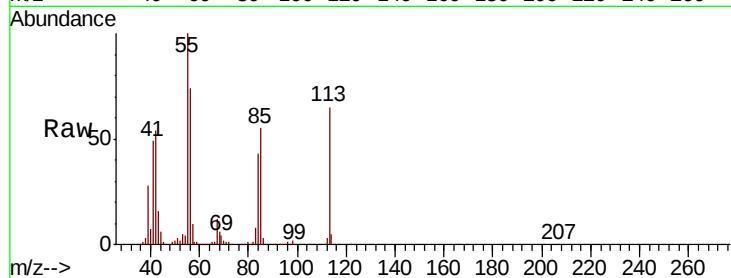




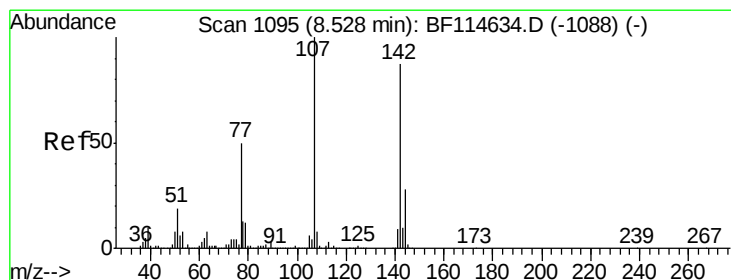
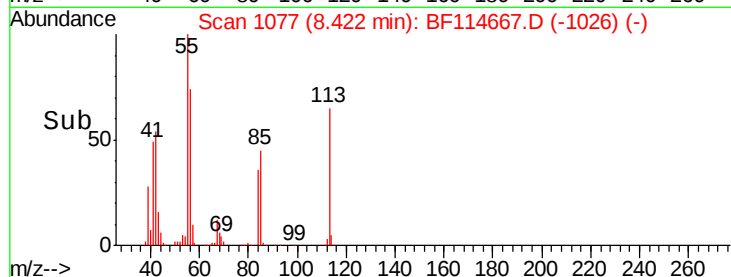
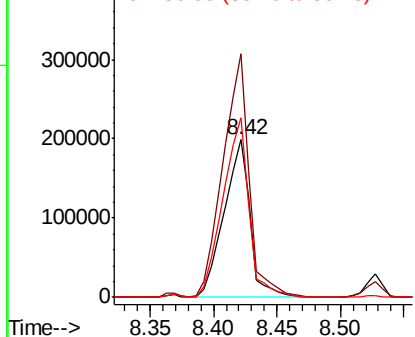
#35
 Caprolactam
 Concen: 40.288 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:113 Resp: 282105
 Ion Ratio Lower Upper
 113 100
 55 154.3 136.4 176.4
 56 113.9 97.0 137.0

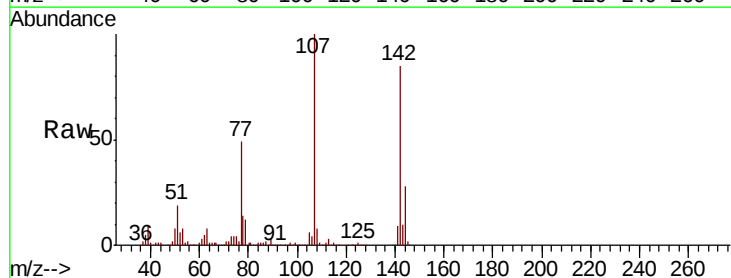


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

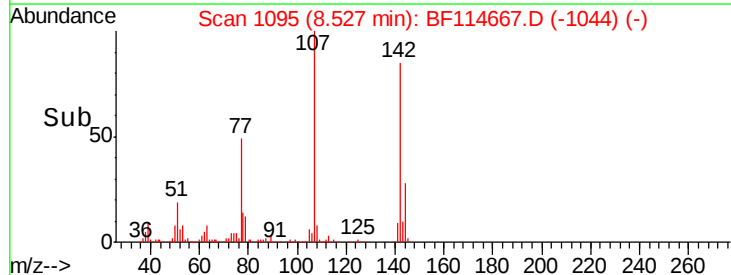
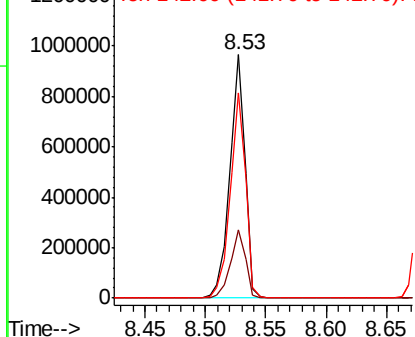


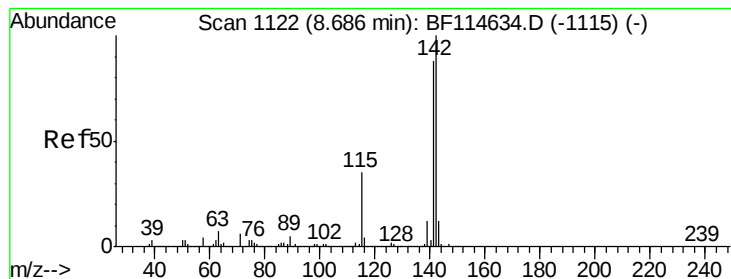
#36
 4-Chloro-3-methylphenol
 Concen: 40.814 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion:107 Resp: 849261
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.5 33.7
 142 84.5 69.8 104.6



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

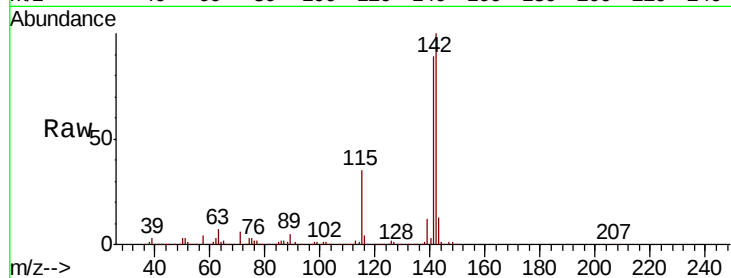




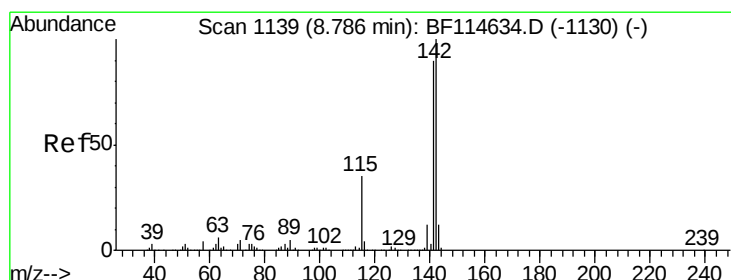
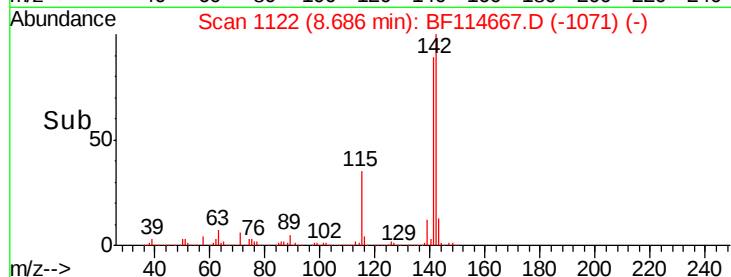
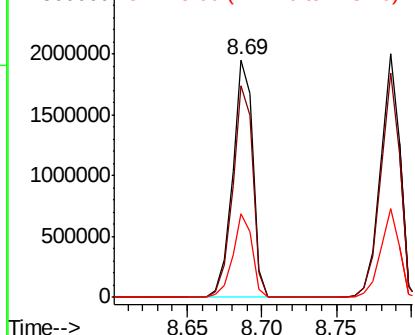
#37
 2-Methylnaphthalene
 Concen: 41.003 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion:142 Resp: 1855856
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.3 105.5
 115 35.2 28.0 42.0

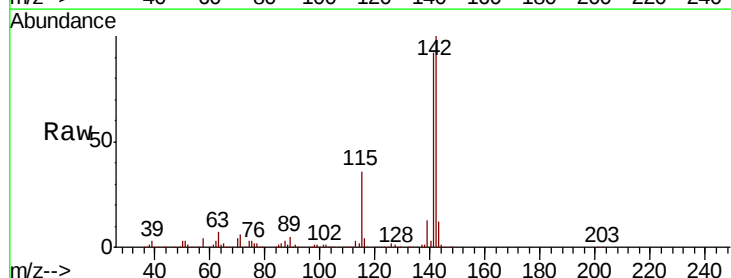


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

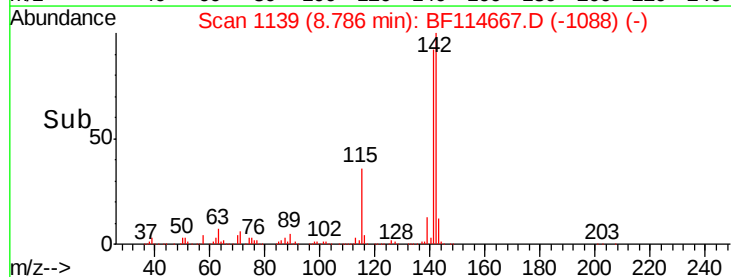
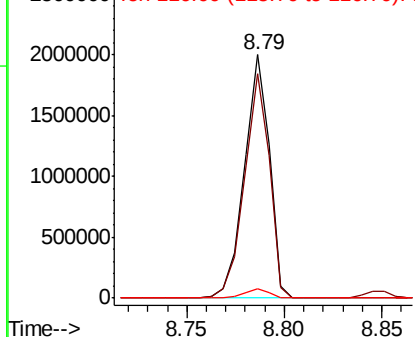


#38
 1-Methylnaphthalene
 Concen: 41.227 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion:142 Resp: 1767950
 Ion Ratio Lower Upper
 142 100
 141 92.1 72.3 108.5
 116 3.9 3.0 4.4



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: 9.72 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

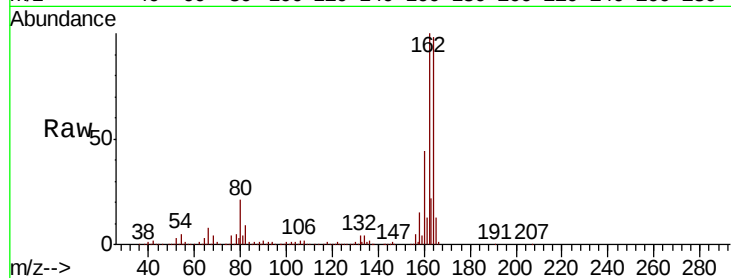
Tot Ion:164 Resp: 718338

Ion Ratio Lower Upper

164 100

162 102.1 81.4 122.2

160 45.4 36.6 54.8

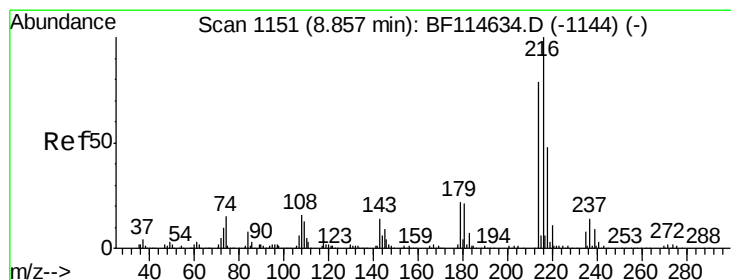
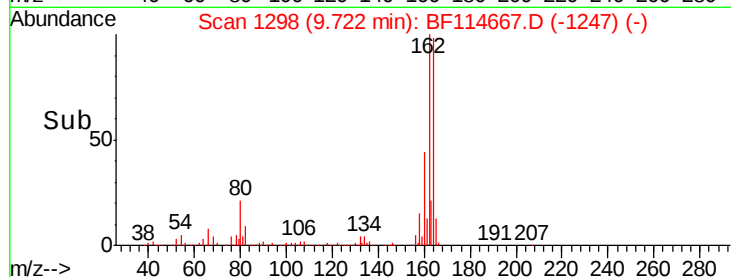
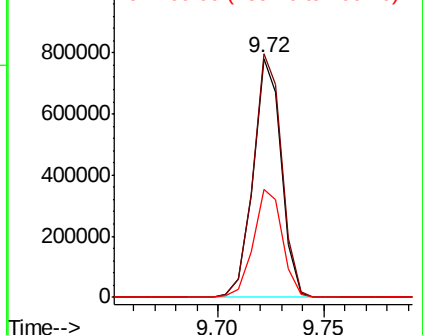


Abundance

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: 43.502 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Tgt Ion:216 Resp: 832185

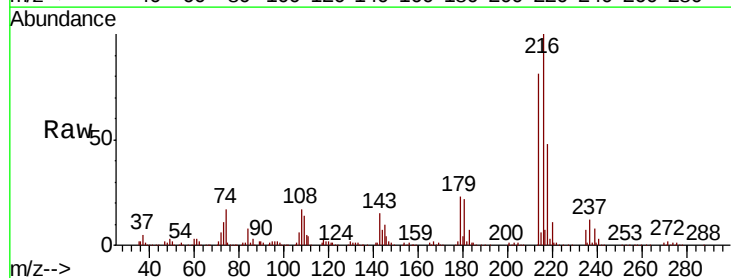
Ion Ratio Lower Upper

216 100

214 80.0 63.2 94.8

179 22.6 17.9 26.9

108 19.2 15.8 23.8



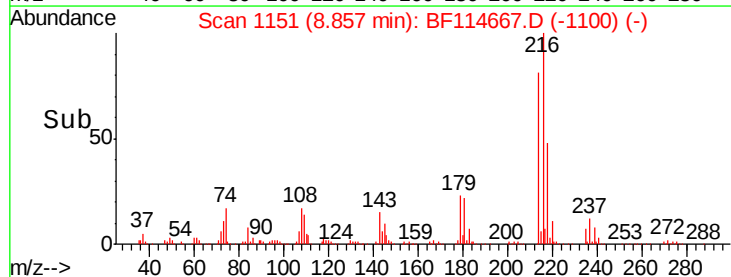
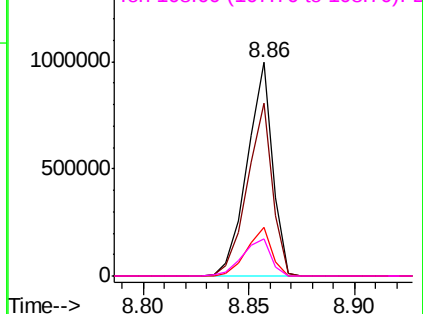
Abundance

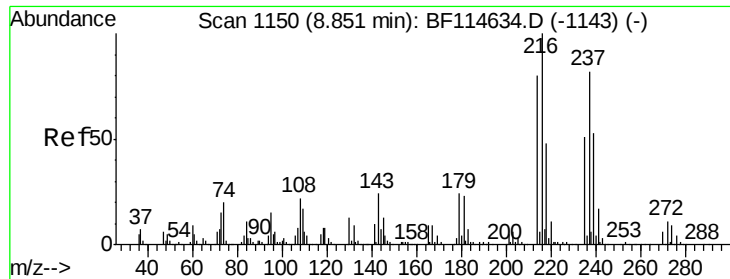
Ion 216.00 (215.70 to 216.70): E

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: 31.458 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

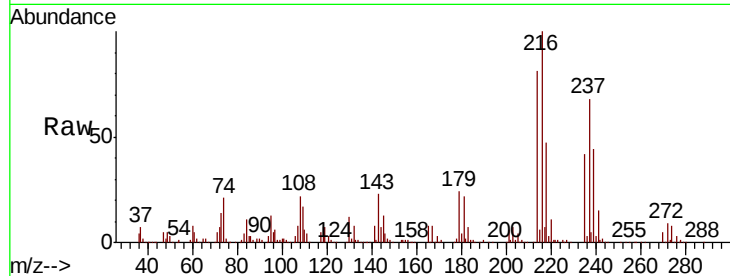
Tot Ion:237 Resp: 397676

Ion Ratio Lower Upper

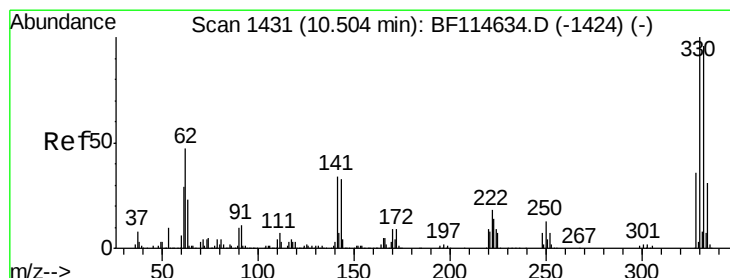
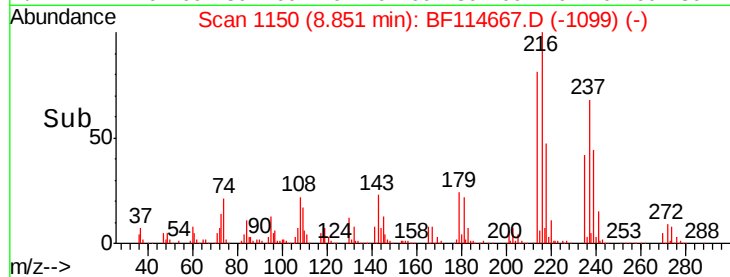
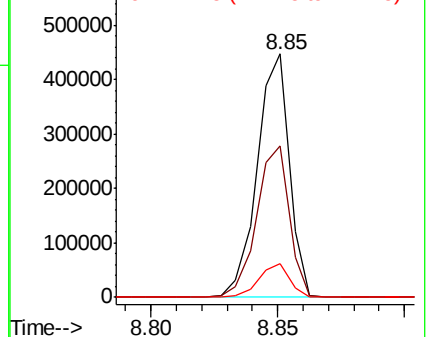
237 100

235 62.5 42.8 82.8

272 13.8 0.0 33.7



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: 82.061 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

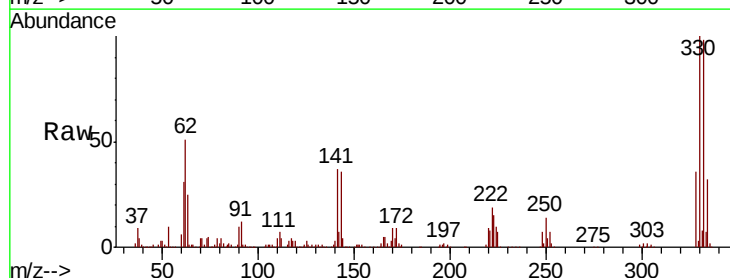
Tgt Ion:330 Resp: 561678

Ion Ratio Lower Upper

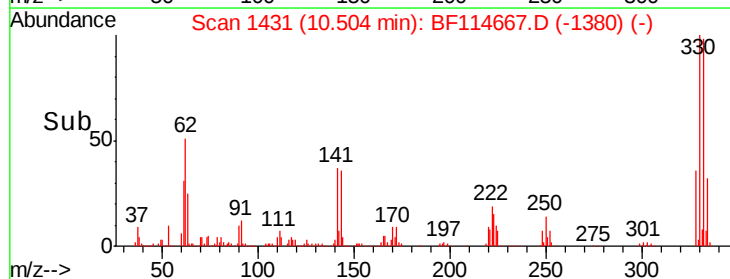
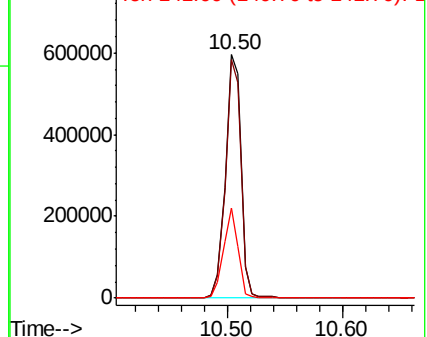
330 100

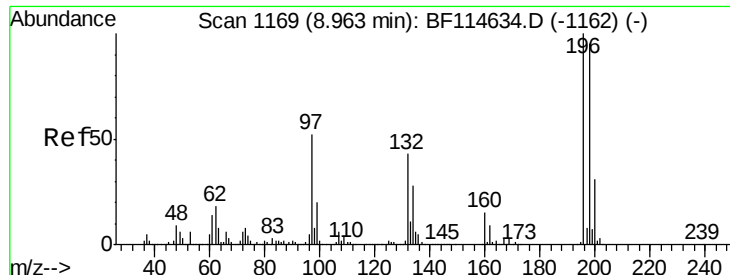
332 97.3 75.8 113.8

141 34.6 27.8 41.8



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

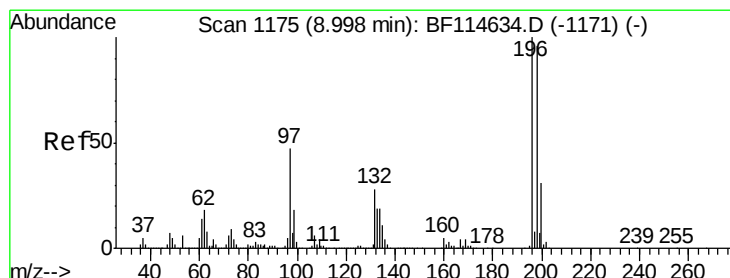
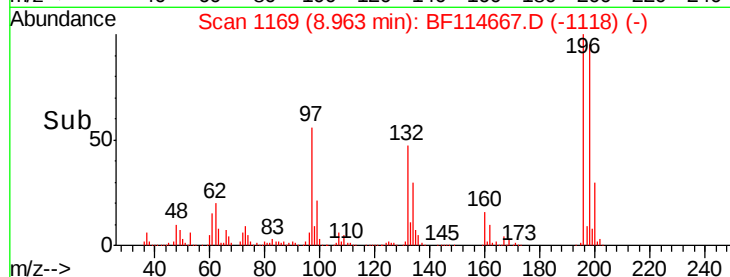
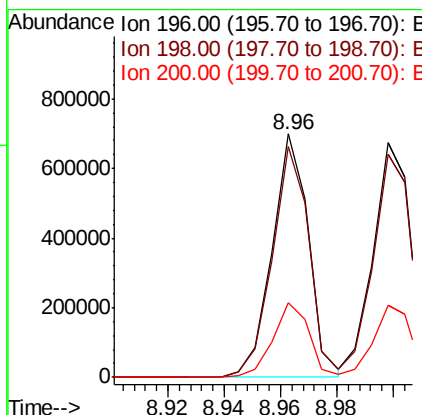
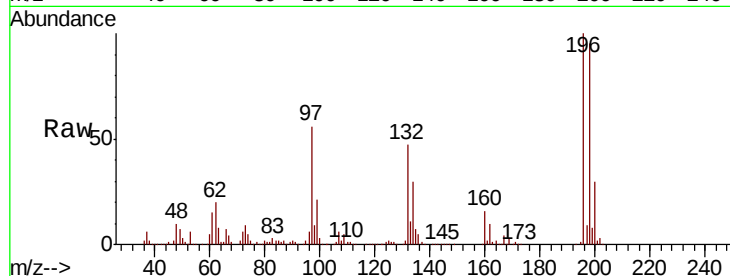




#43
 2,4,6-Trichlorophenol
 Concen: 41.435 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

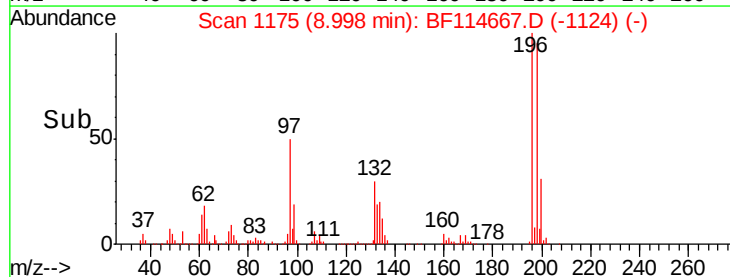
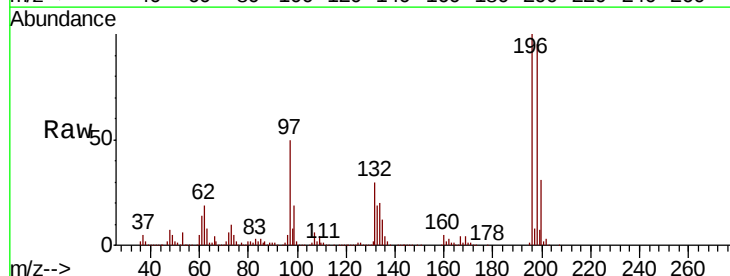
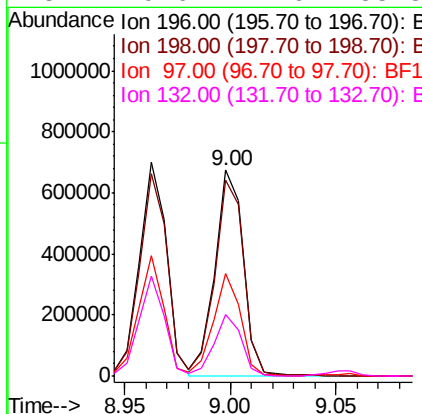
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

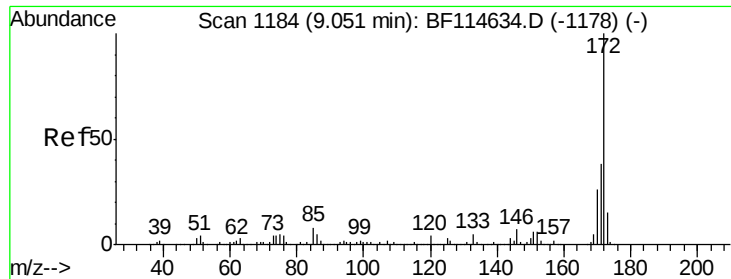
Tot Ion:196 Resp: 623686
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.1 114.1
 200 30.4 24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.093 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion:196 Resp: 632252
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.8 115.2
 97 49.7 37.8 56.8
 132 29.6 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 85.151 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

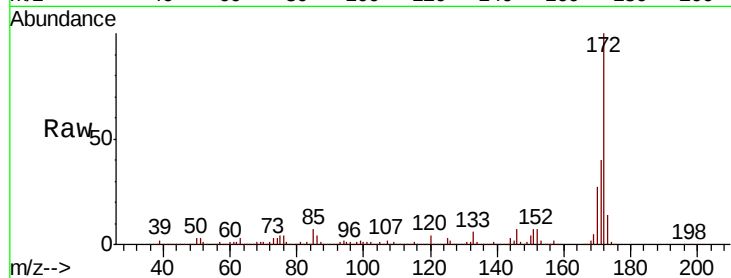
Tot Ion:172 Resp: 3255115

Ion Ratio Lower Upper

172 100

171 39.5 30.6 45.8

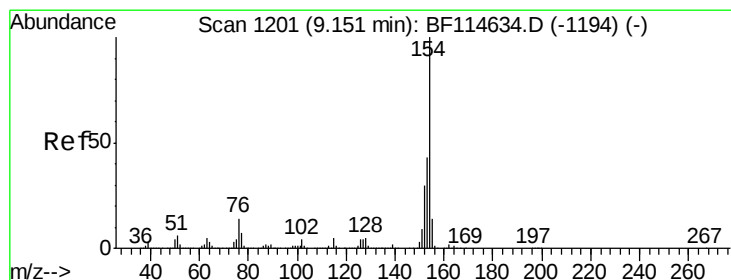
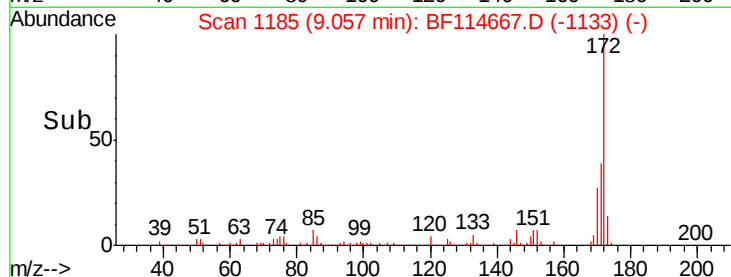
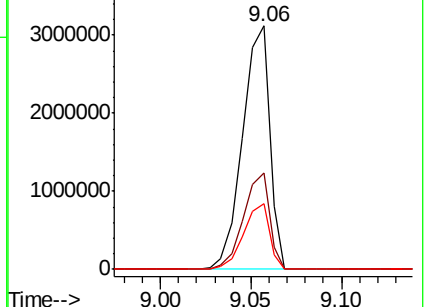
170 26.8 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.600 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

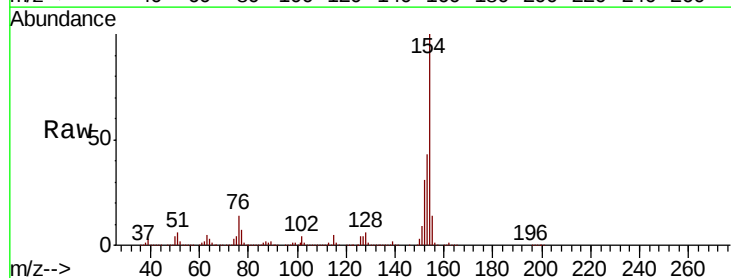
Tgt Ion:154 Resp: 2164921

Ion Ratio Lower Upper

154 100

153 43.0 23.0 63.0

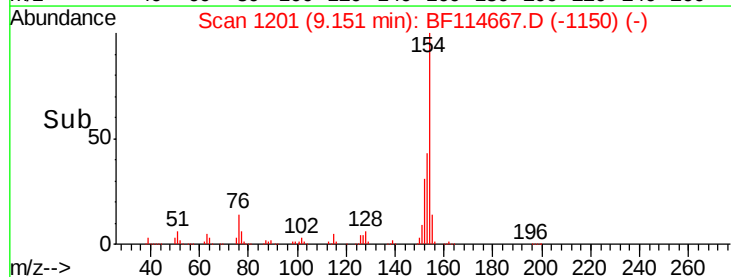
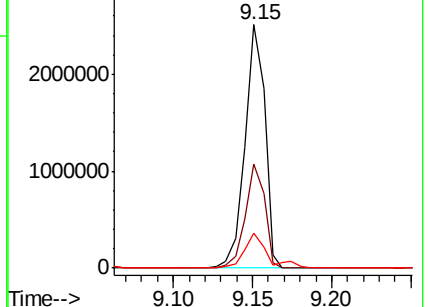
76 14.2 0.0 33.9



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

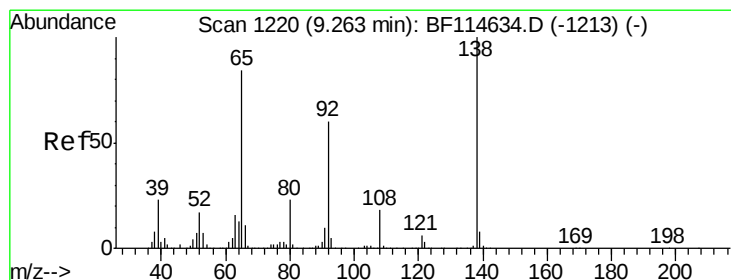
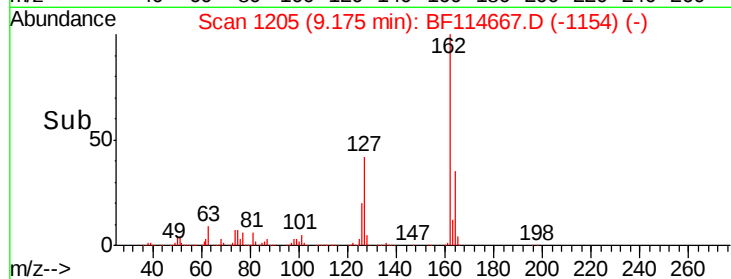
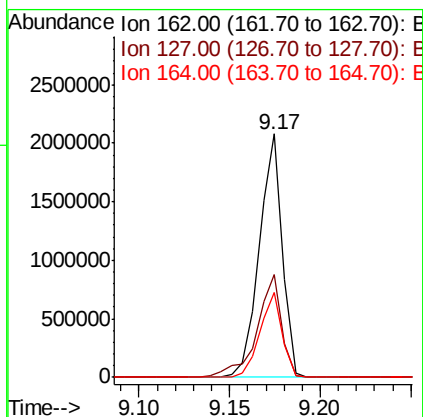
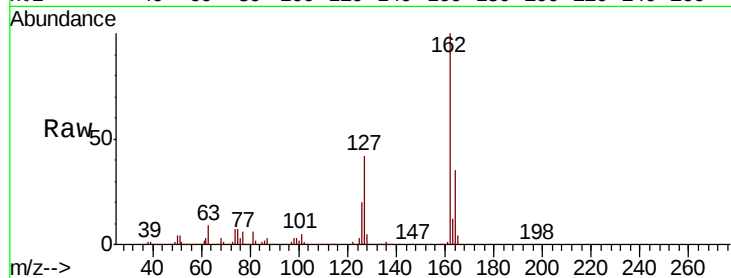




#47
2-Chloronaphthalene
Concen: 41.770 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

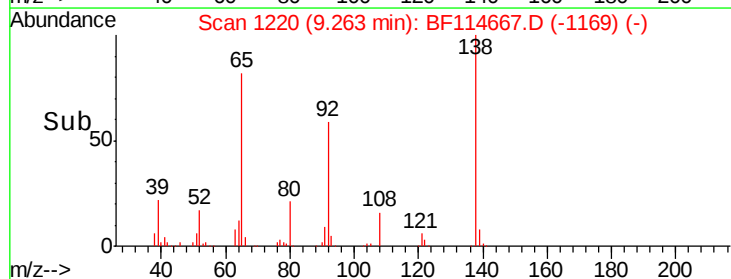
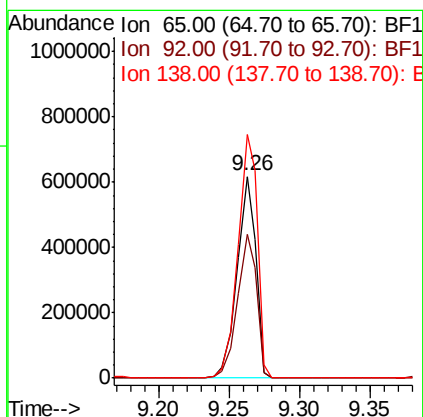
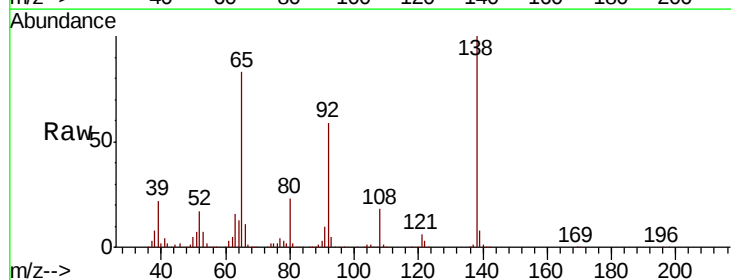
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

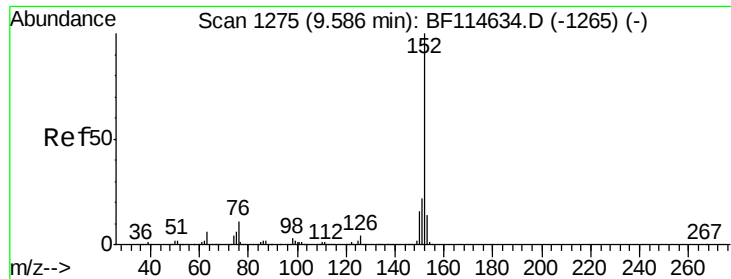
Tot Ion:162 Resp: 1827013
Ion Ratio Lower Upper
162 100
127 42.0 32.2 48.2
164 35.0 27.8 41.6



#48
2-Nitroaniline
Concen: 42.279 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion: 65 Resp: 570689
Ion Ratio Lower Upper
65 100
92 71.0 57.1 85.7
138 120.6 95.8 143.6





#49

Acenaphthylene

Concen: 39.564 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

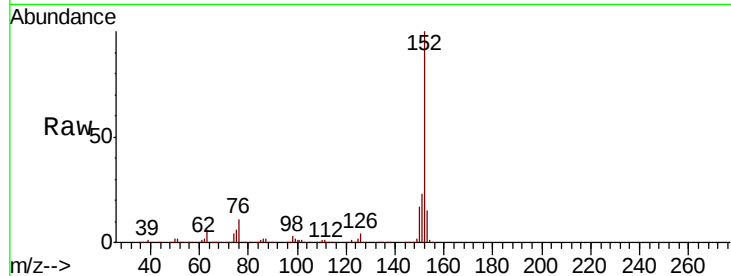
Tot Ion:152 Resp: 2673511

Ion Ratio Lower Upper

152 100

151 22.8 17.5 26.3

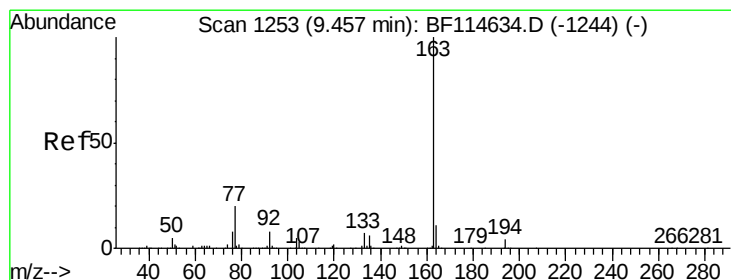
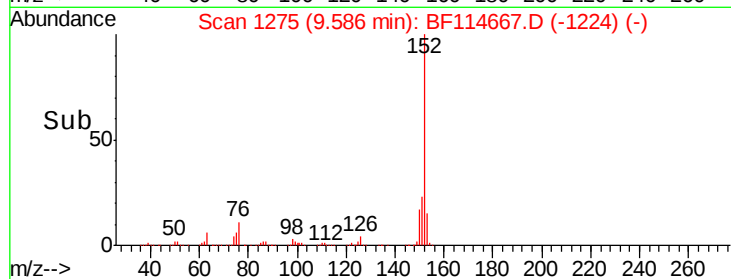
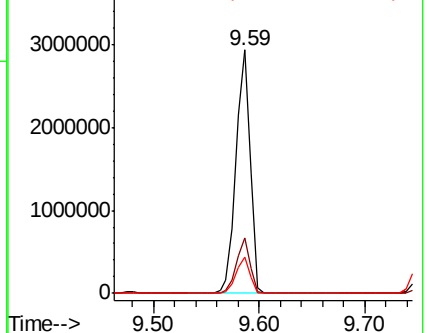
153 14.9 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.362 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

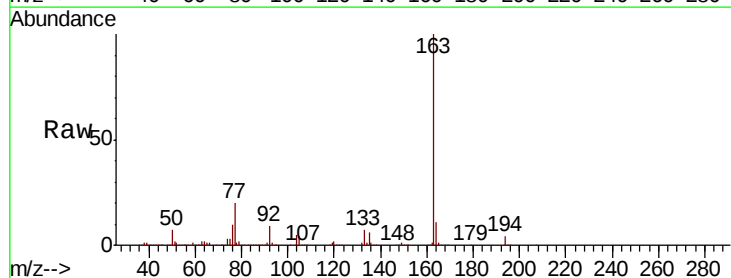
Tgt Ion:163 Resp: 2070357

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

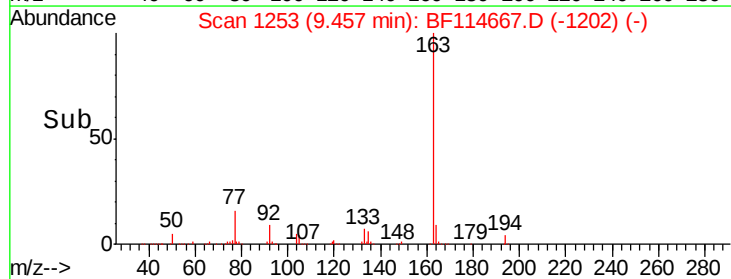
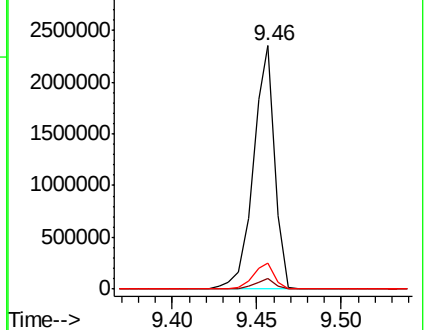
164 10.8 8.6 13.0

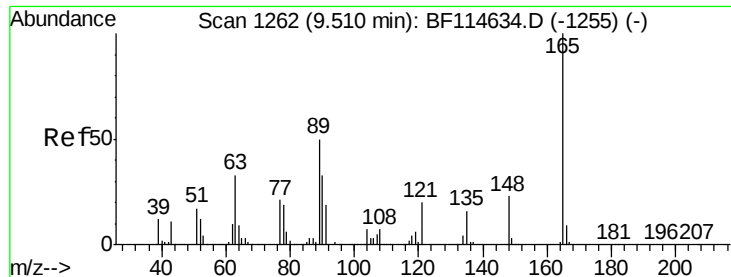


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

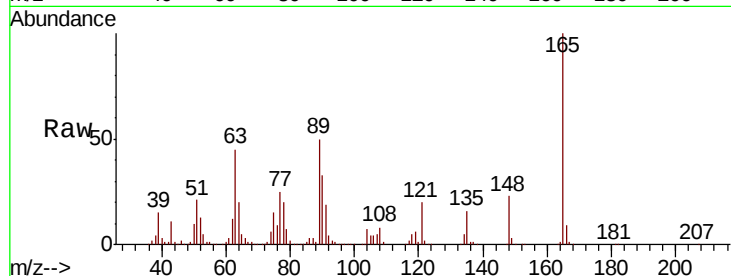




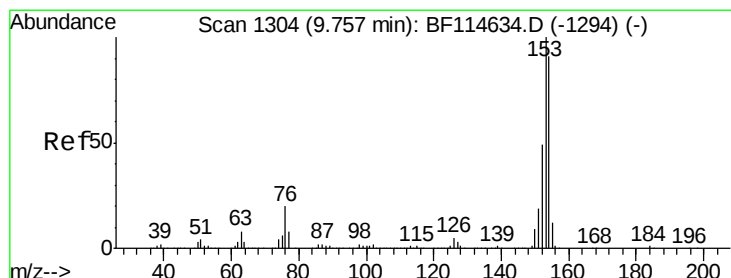
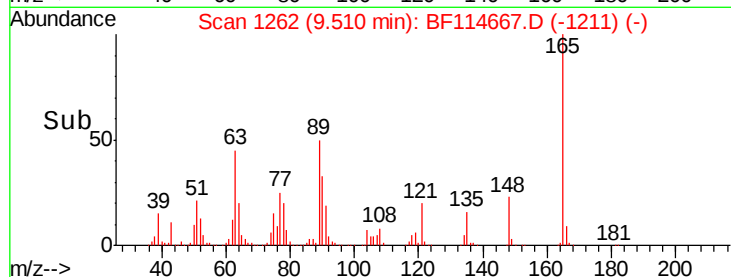
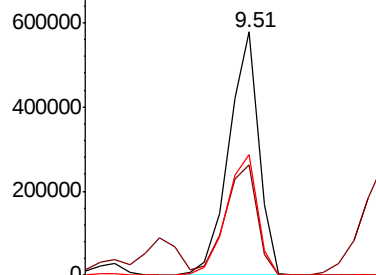
#51
 2,6-Dinitrotoluene
 Concen: 41.191 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	36.6	54.8
89	49.6	40.2	60.4

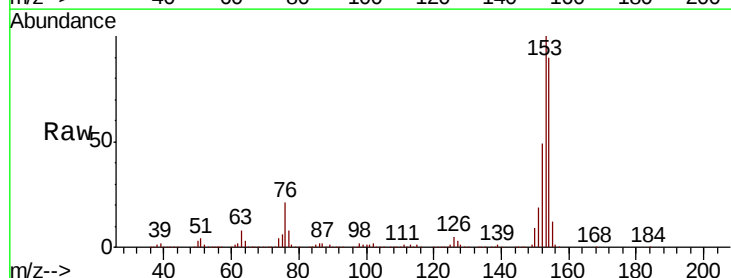


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

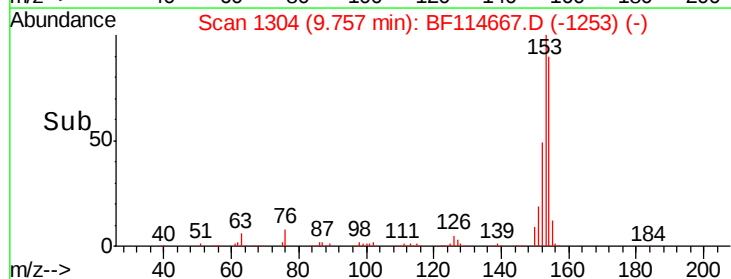
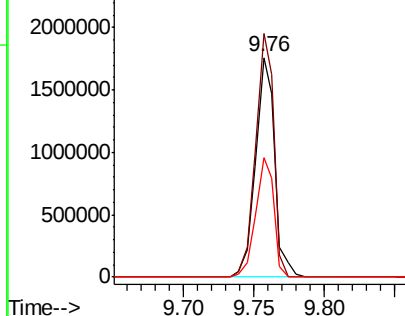


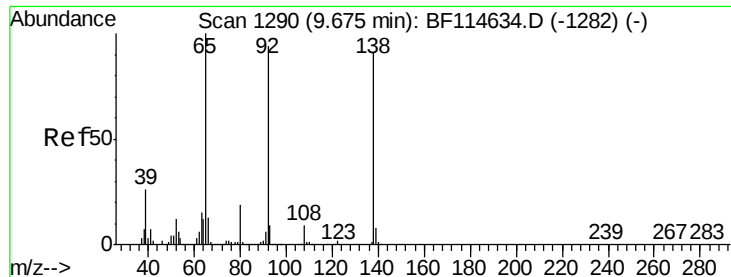
#52
 Acenaphthene
 Concen: 40.747 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.4	132.6
152	54.7	43.4	65.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

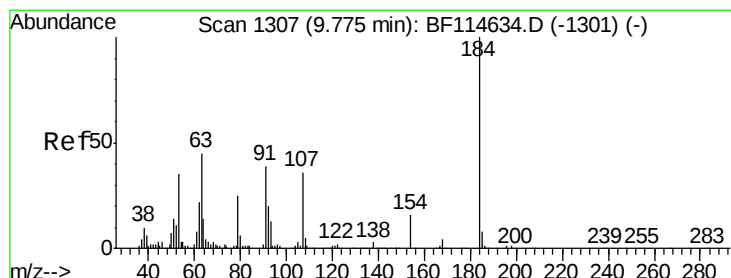
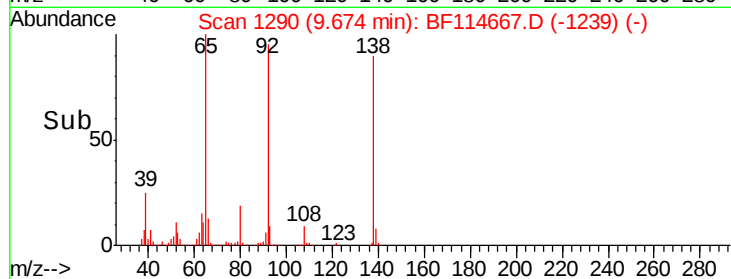
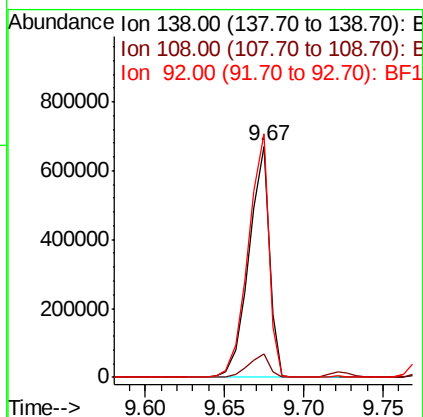
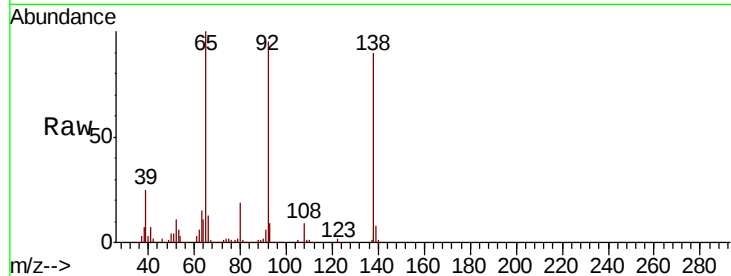




#53
3-Nitroaniline
Concen: 42.125 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

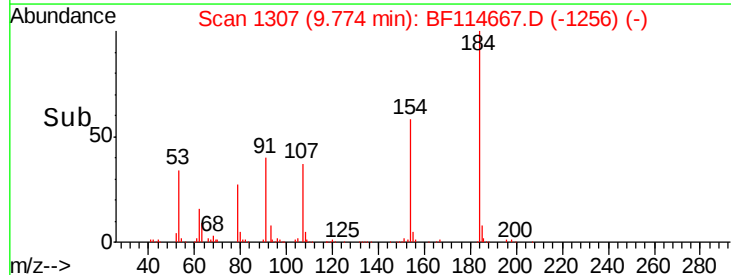
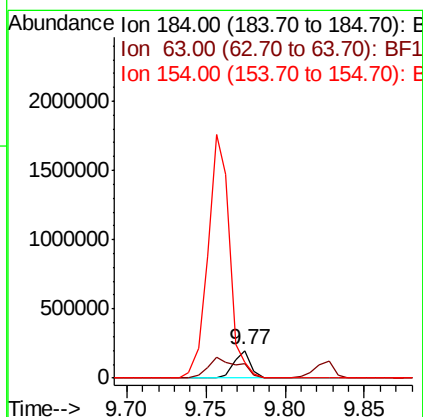
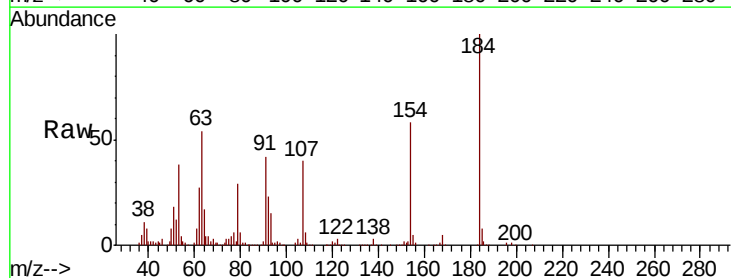
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

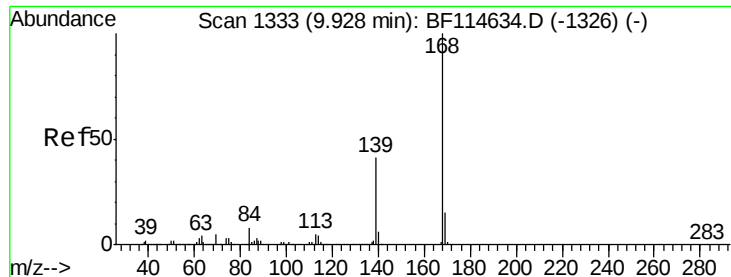
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	105.4	83.1	124.7



#54
2,4-Dinitrophenol
Concen: 32.301 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.9	38.8	58.2
154	58.5	43.7	65.5

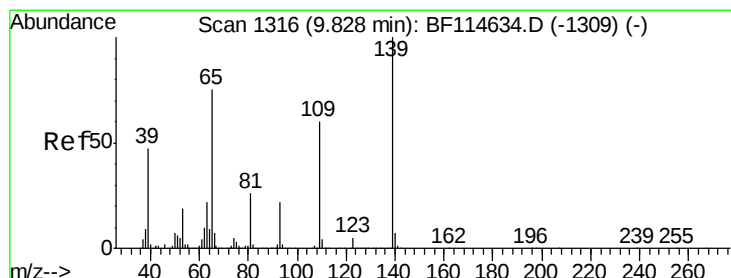
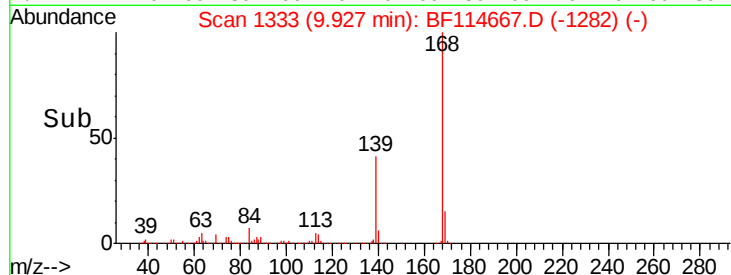
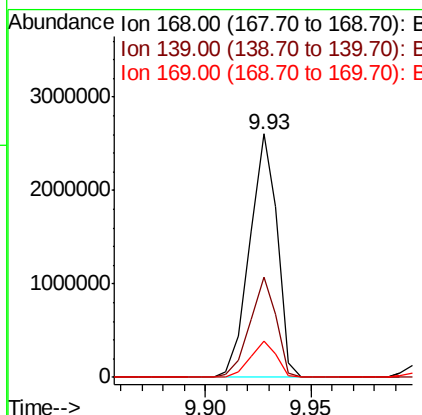
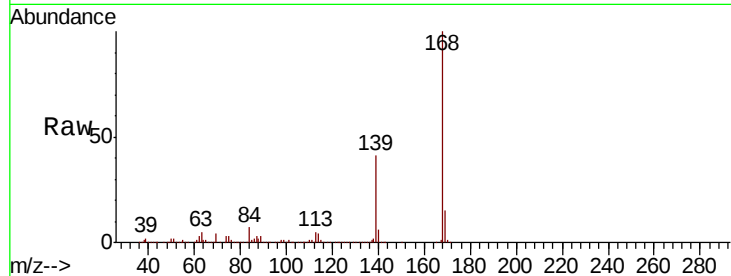




#55
Dibenzofuran
Concen: 39.910 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

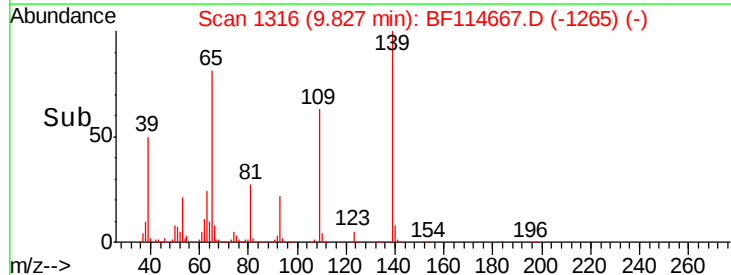
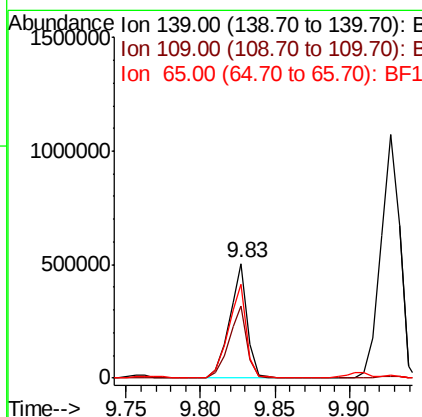
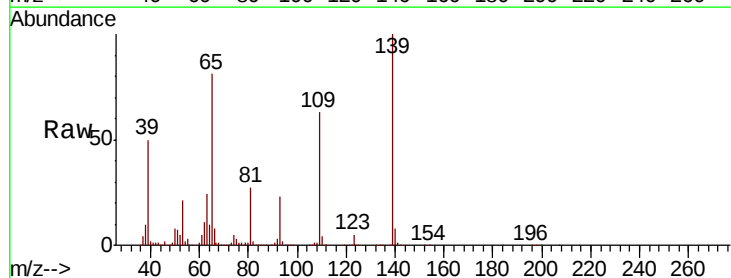
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

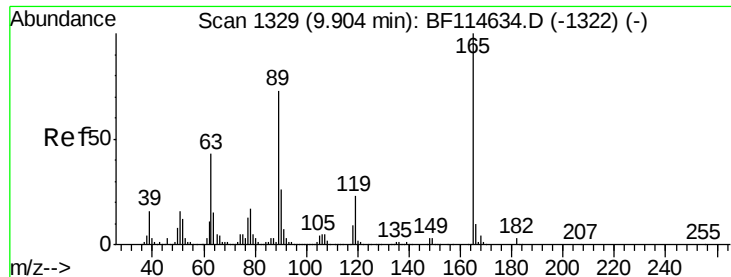
Tot Ion:168 Resp: 2354270
Ion Ratio Lower Upper
168 100
139 41.2 32.6 48.8
169 14.9 11.8 17.8



#56
4-Nitrophenol
Concen: 40.480 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:139 Resp: 427018
Ion Ratio Lower Upper
139 100
109 62.6 40.4 80.4
65 81.4 54.7 94.7

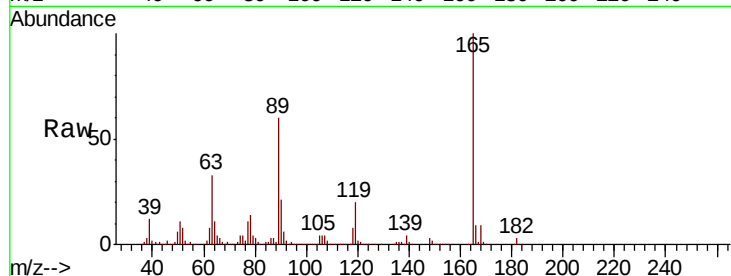




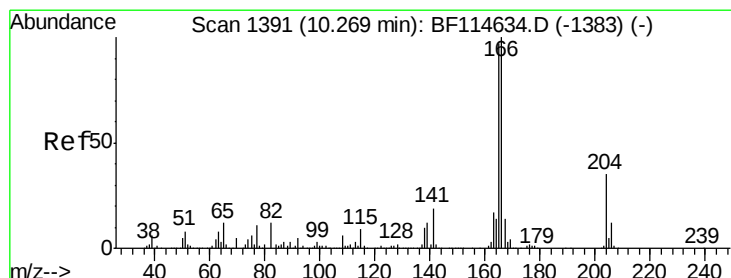
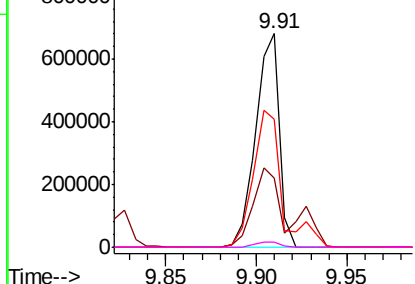
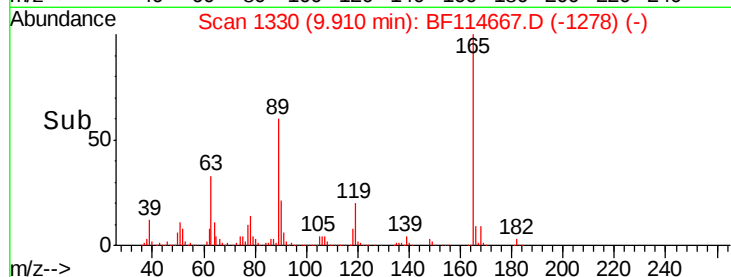
#57
2,4-Dinitrotoluene
Concen: 41.343 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 617137
Ion Ratio Lower Upper
165 100
63 32.6 34.8 52.2#
89 60.1 58.5 87.7
182 2.6 2.2 3.2

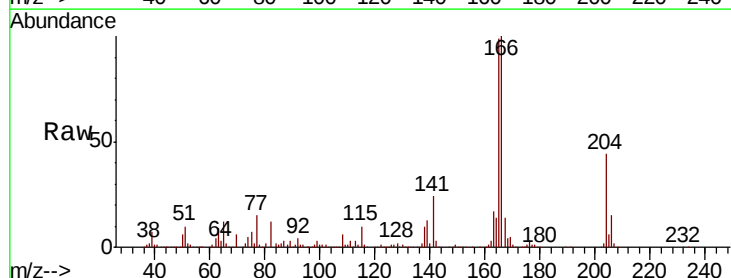


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

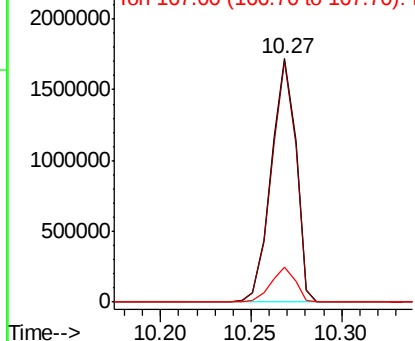
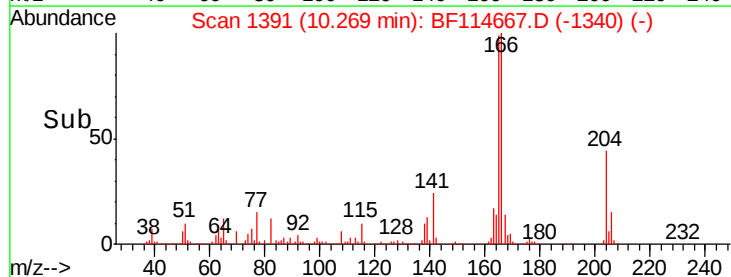


#58
Fluorene
Concen: 40.906 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:166 Resp: 1635527
Ion Ratio Lower Upper
166 100
165 99.0 77.6 116.4
167 14.3 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

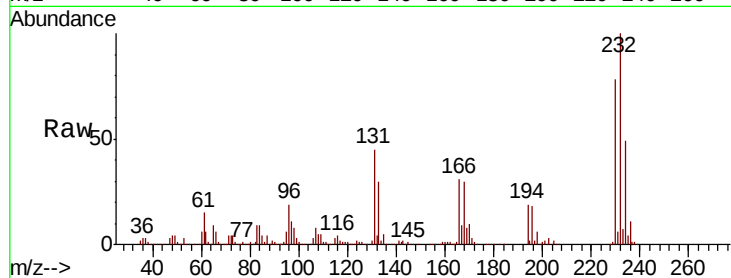




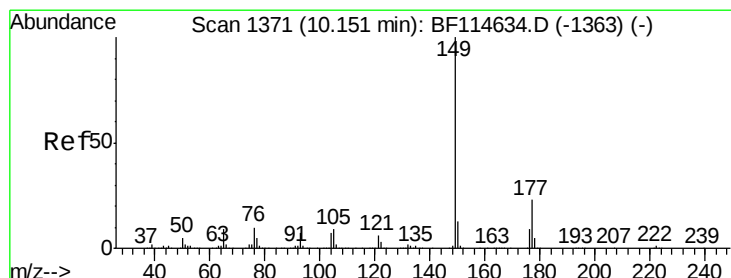
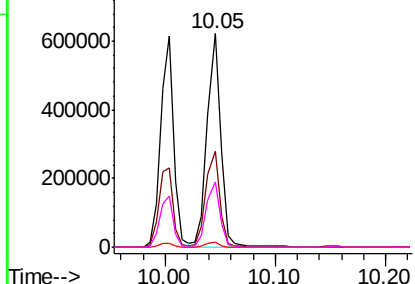
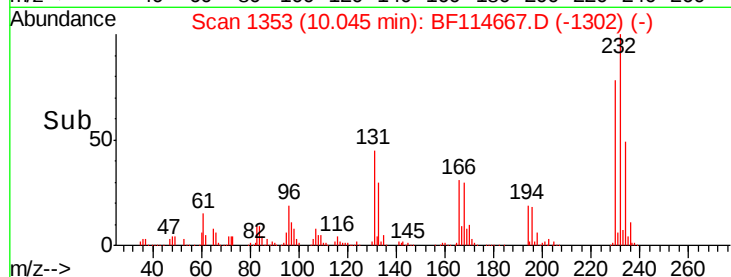
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.723 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:232 Resp: 512970
 Ion Ratio Lower Upper
 232 100
 131 46.1 37.2 55.8
 130 2.3 1.8 2.8
 166 31.2 24.8 37.2

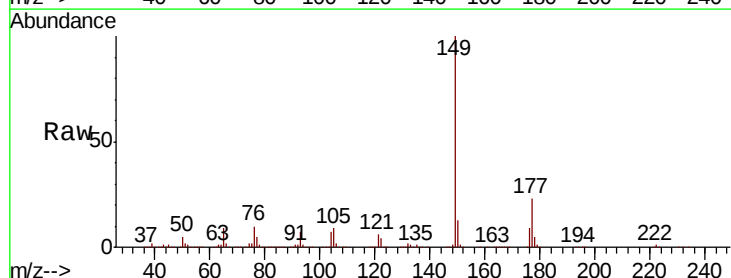


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

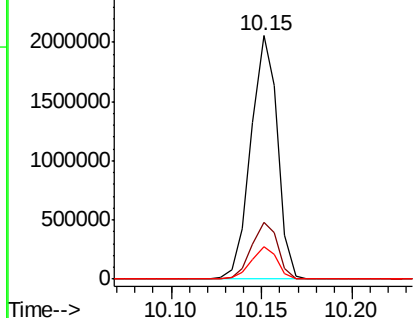
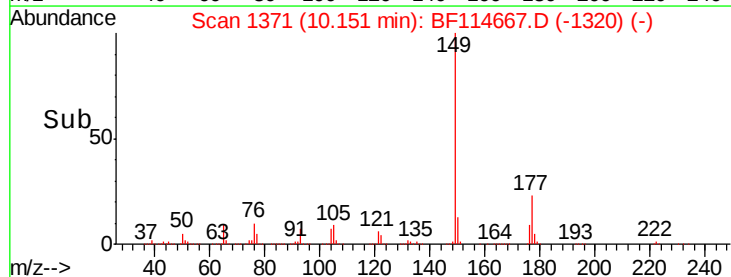


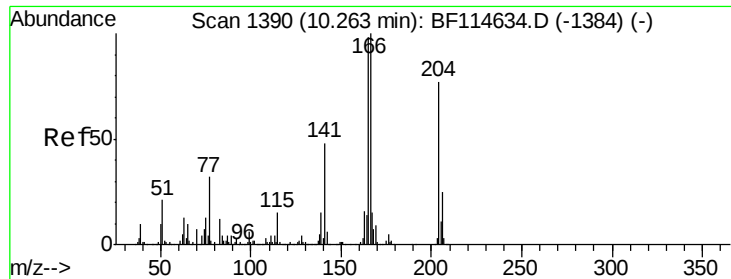
#60
 Diethylphthalate
 Concen: 41.046 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF114667.D
 Acq: 30 May 2019 18:30

Tgt Ion:149 Resp: 2098426
 Ion Ratio Lower Upper
 149 100
 177 23.1 18.6 28.0
 150 13.4 10.6 15.8



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

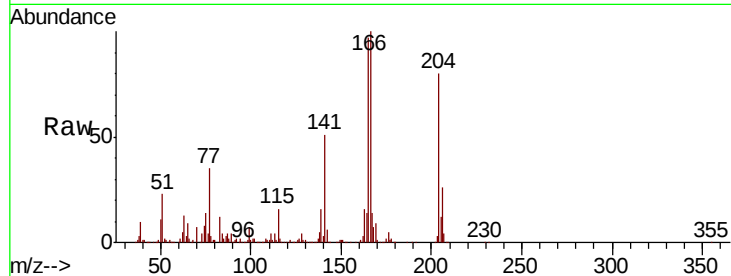




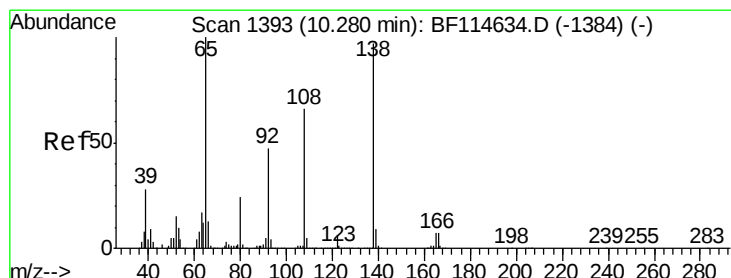
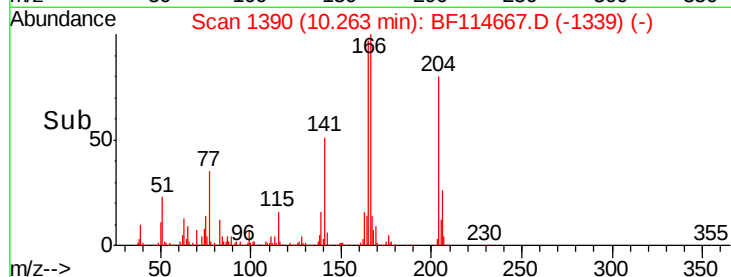
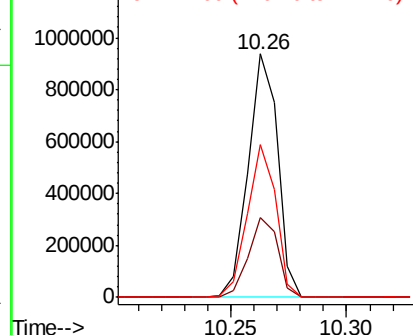
#61
4-Chlorophenyl-phenylether
Concen: 41.737 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 837388
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 63.0 50.0 75.0

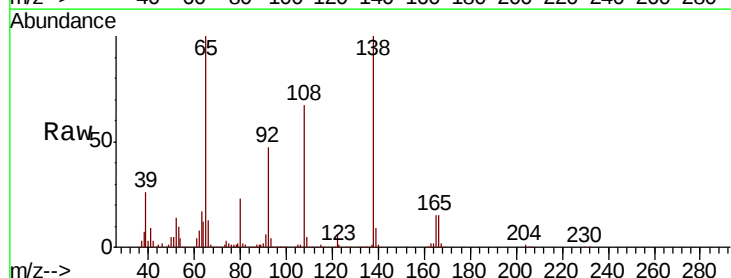


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

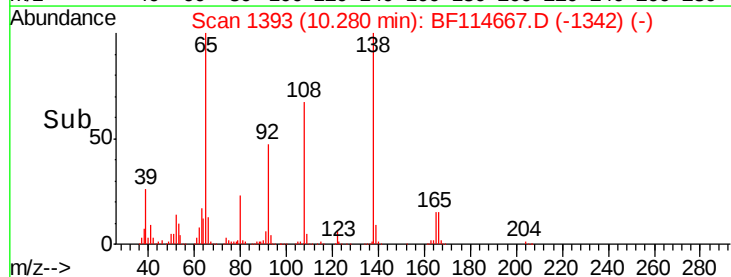
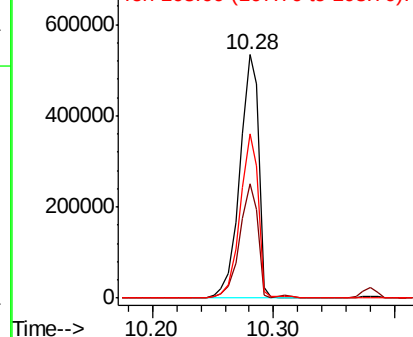


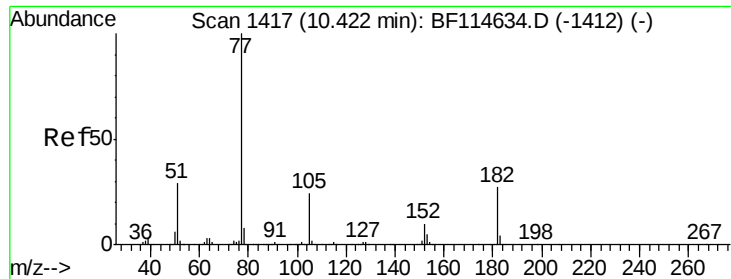
#62
4-Nitroaniline
Concen: 42.088 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:138 Resp: 583817
Ion Ratio Lower Upper
138 100
92 46.9 28.0 68.0
108 67.4 48.4 88.4



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





#63

Azobenzene

Concen: 39.460 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1852129

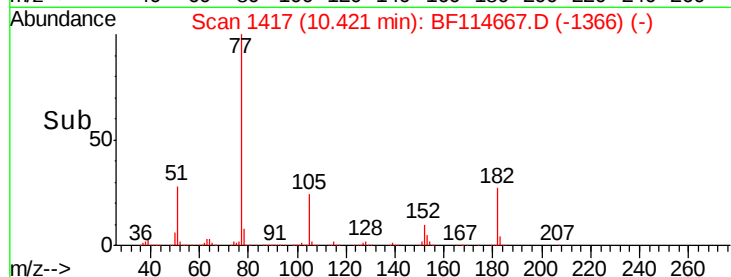
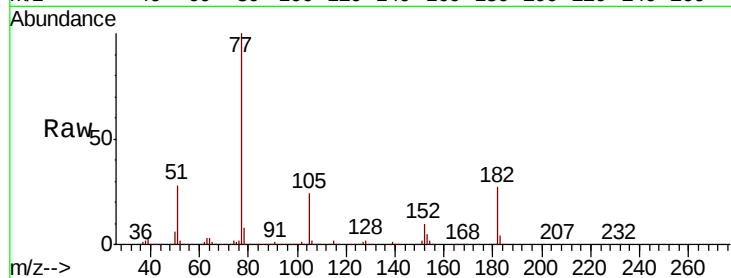
Ion Ratio Lower Upper

77 100

182 27.0 7.0 47.0

105 24.1 3.7 43.7

51 28.3 9.1 49.1

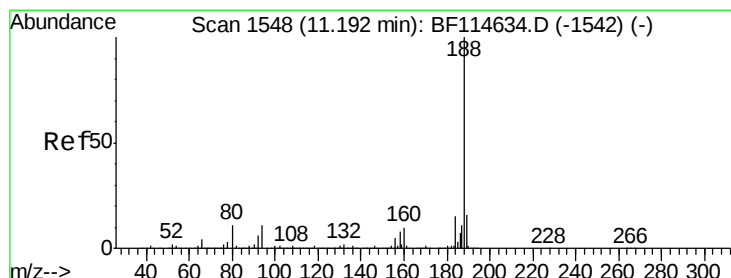
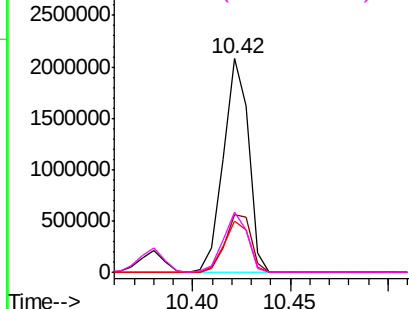


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

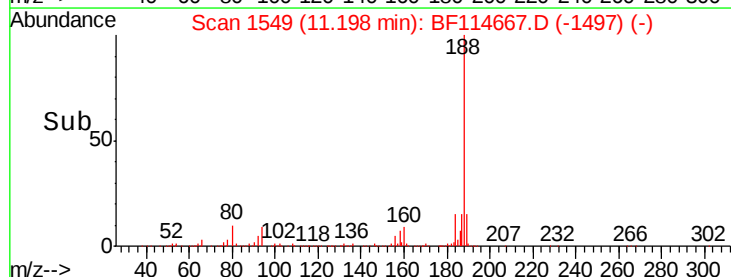
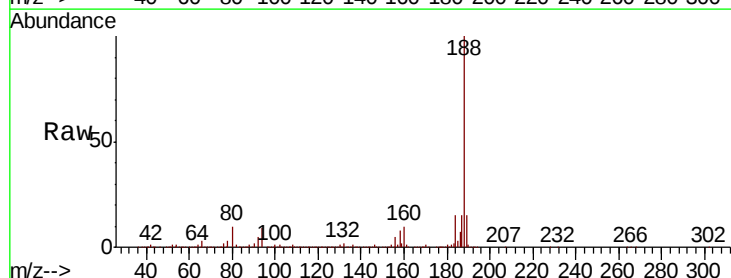
Tgt Ion: 188 Resp: 1321362

Ion Ratio Lower Upper

188 100

94 9.0 8.6 13.0

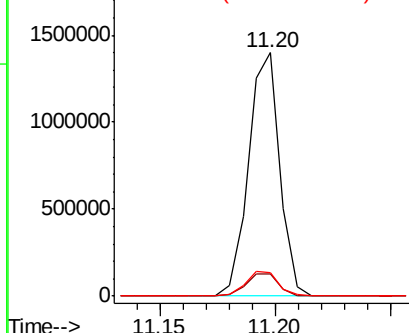
80 9.9 9.0 13.6

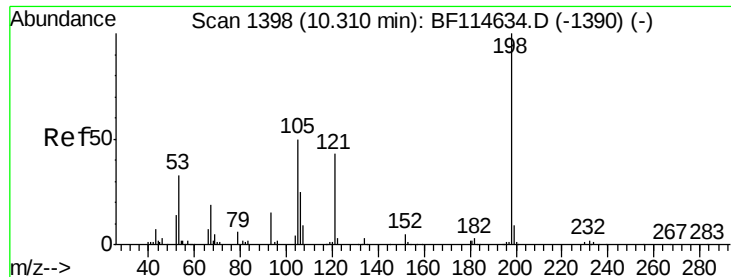


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

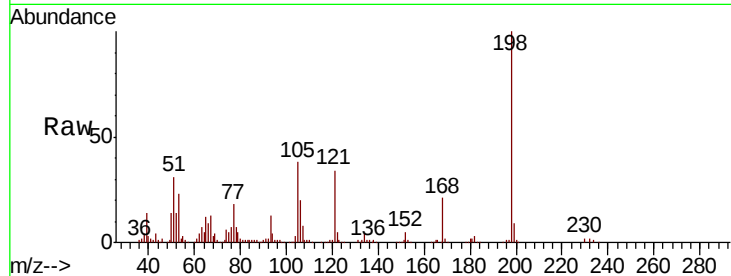




#65
4,6-Dinitro-2-methylphenol
Concen: 34.310 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.7	29.0	69.0
105	37.6	30.4	70.4

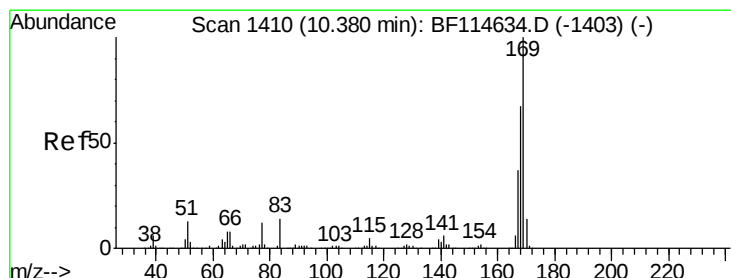
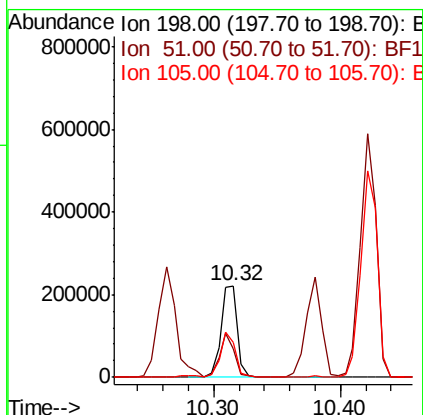
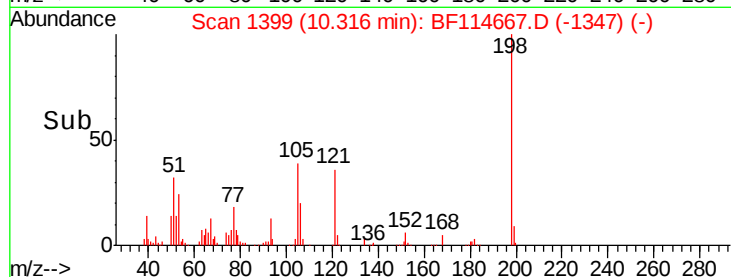


Abundance

Ion 198.00 (197.70 to 198.70): E

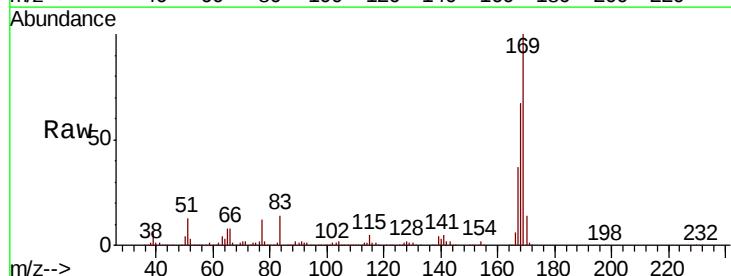
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.171 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.8	80.8
167	37.3	29.8	44.6

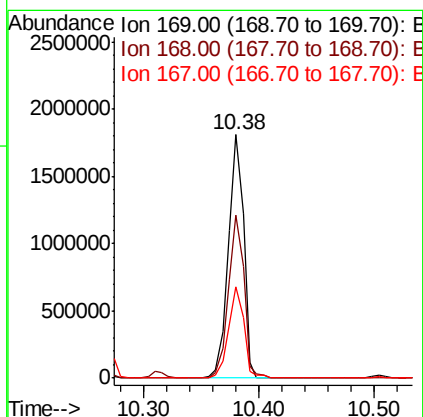
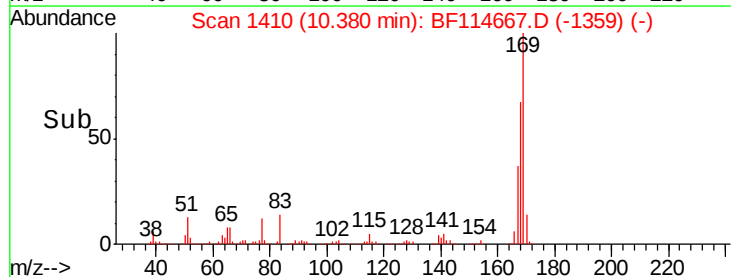


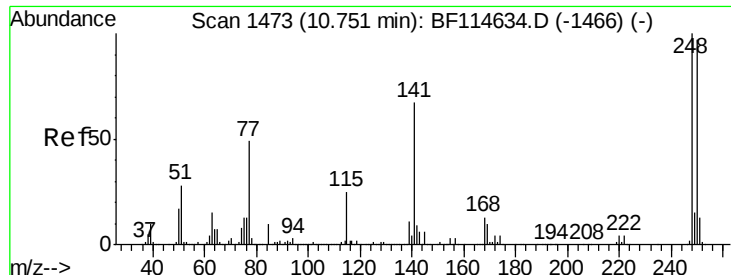
Abundance

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

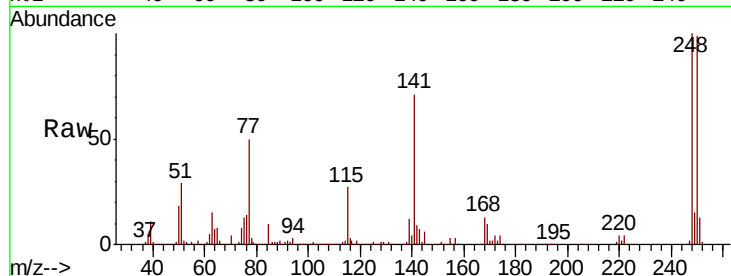




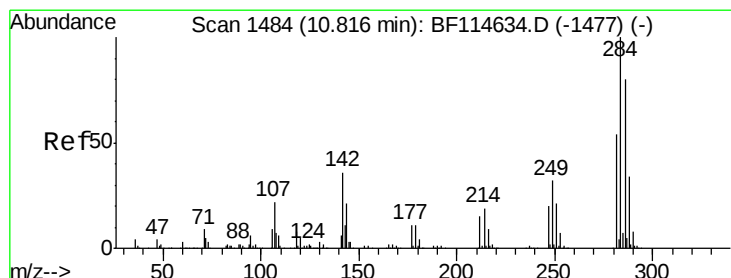
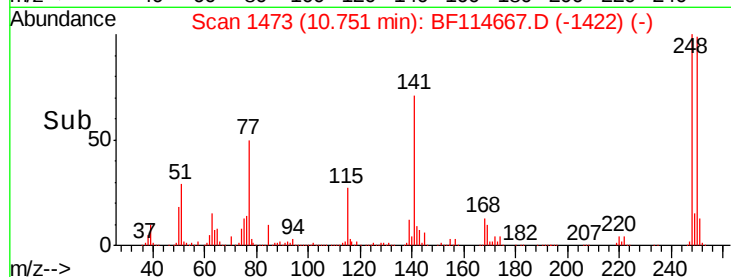
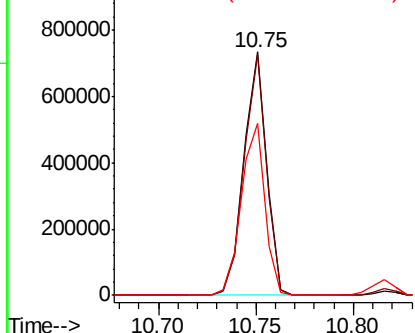
#67
4-Bromophenyl-phenylether
Concen: 41.933 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 594186
Ion Ratio Lower Upper
248 100
250 99.2 78.0 117.0
141 70.6 53.8 80.8

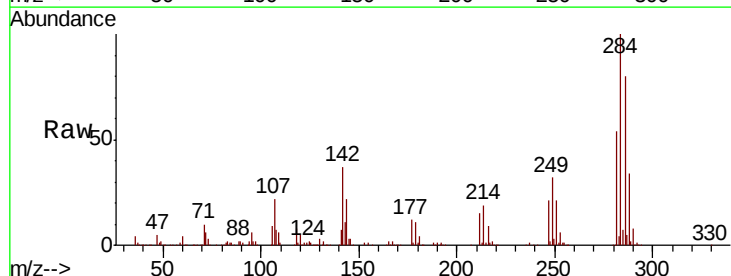


Abundance Ion 248.00 (247.70 to 248.70): E
1000000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

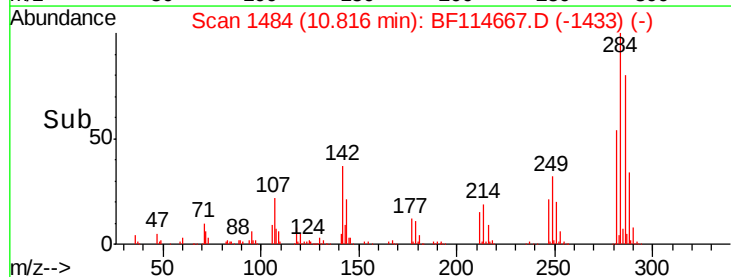
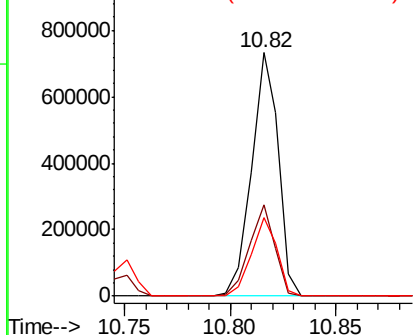


#68
Hexachlorobenzene
Concen: 41.893 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:284 Resp: 642956
Ion Ratio Lower Upper
284 100
142 37.3 28.9 43.3
249 32.1 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
1000000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.020 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

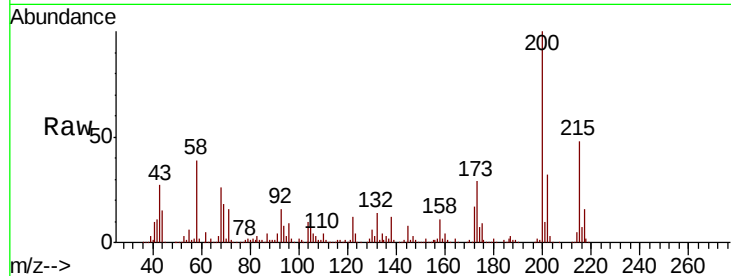
Tot Ion:200 Resp: 491874

Ion Ratio Lower Upper

200 100

173 28.6 7.9 47.9

215 48.3 27.8 67.8

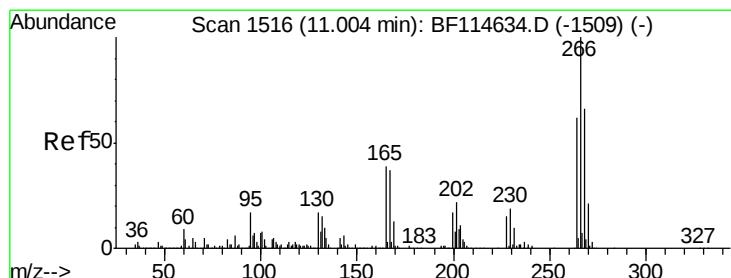
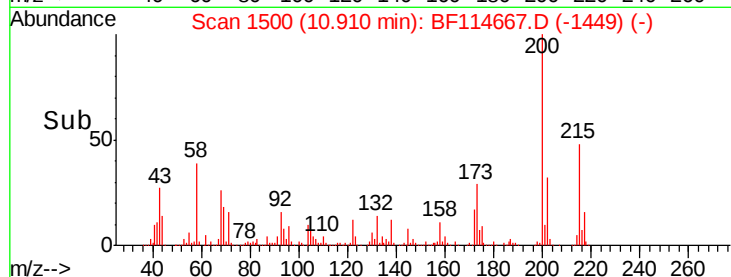
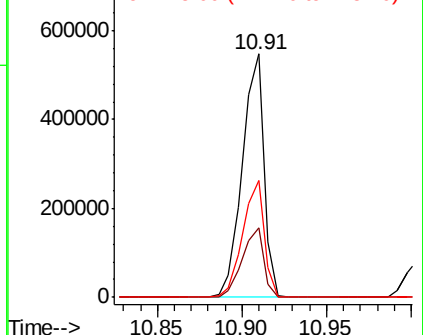


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 41.297 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

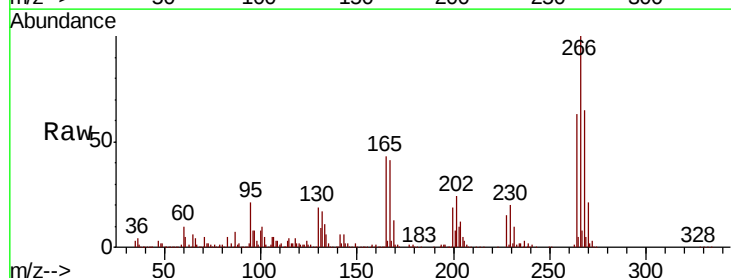
Tgt Ion:266 Resp: 365362

Ion Ratio Lower Upper

266 100

268 64.7 52.8 79.2

264 63.2 49.9 74.9

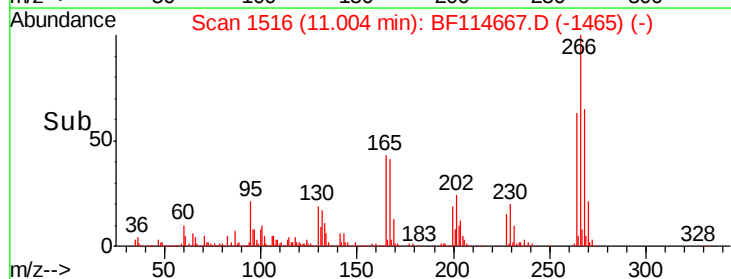
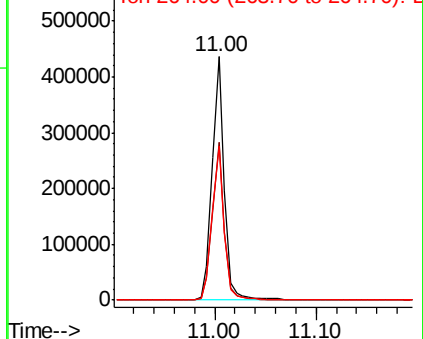


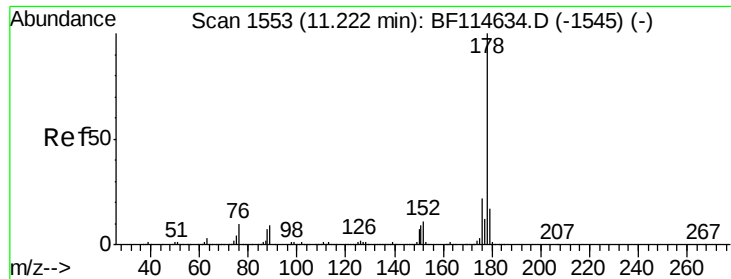
Abundance

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: 38.764 ng

RT: 11.22 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

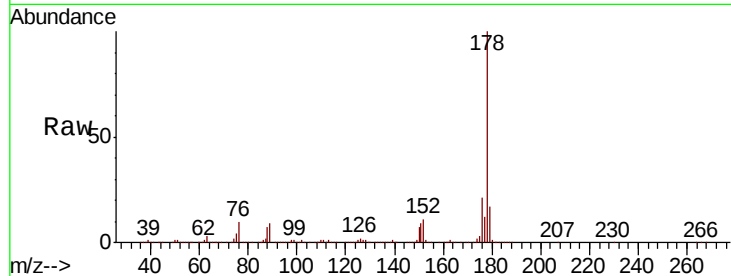
Tot Ion:178 Resp: 2612896

Ion Ratio Lower Upper

178 100

176 21.4 17.2 25.8

179 17.3 13.9 20.9

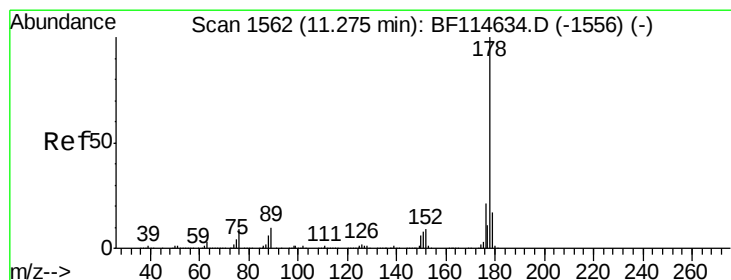
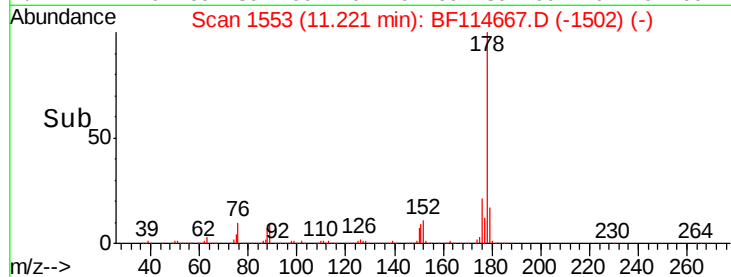
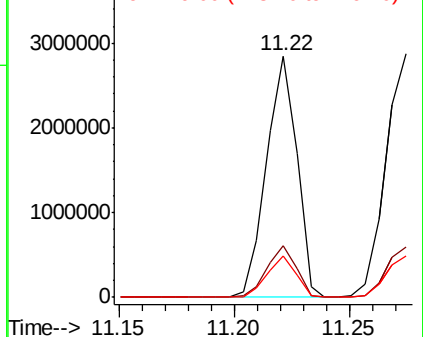


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.587 ng

RT: 11.27 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

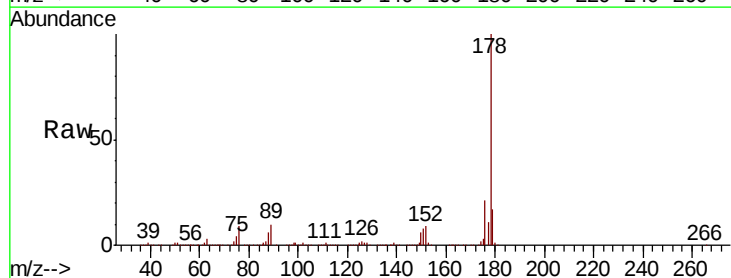
Tgt Ion:178 Resp: 2632409

Ion Ratio Lower Upper

178 100

176 20.9 16.6 24.8

179 17.0 13.4 20.0

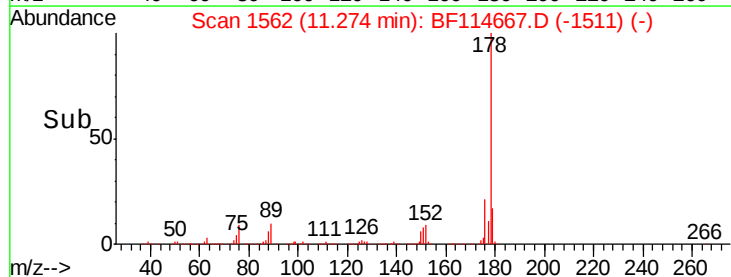
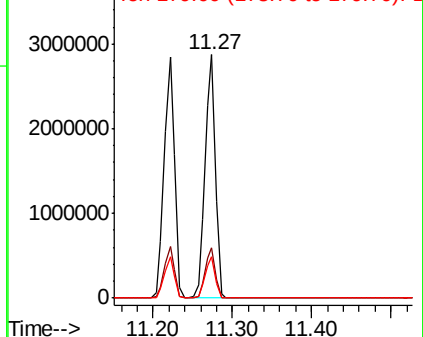


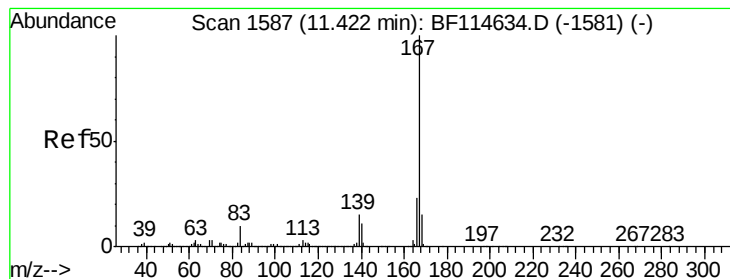
Abundance

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: 39.871 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

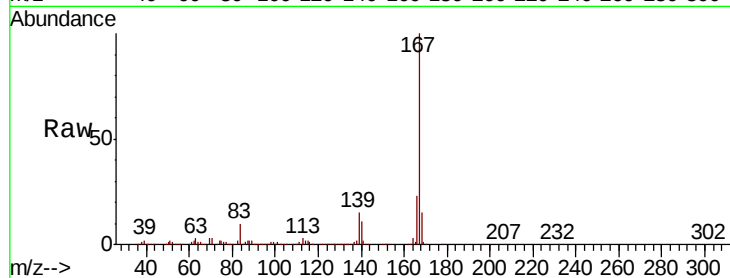
Tot Ion:167 Resp: 2390545

Ion Ratio Lower Upper

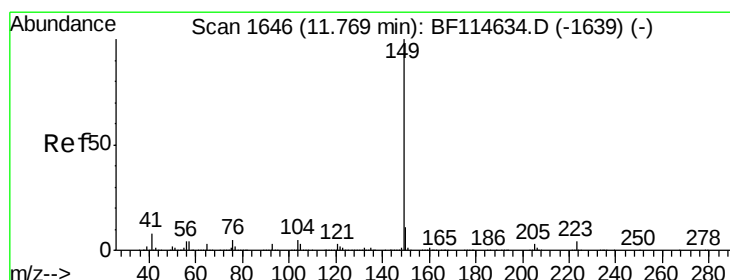
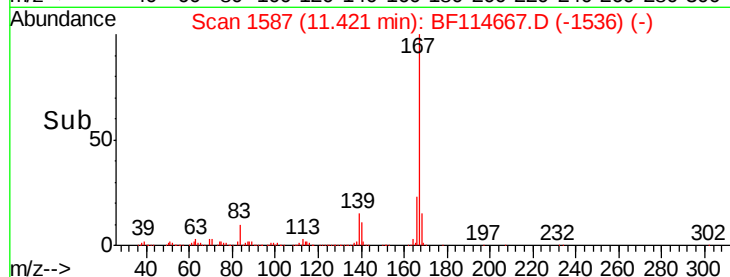
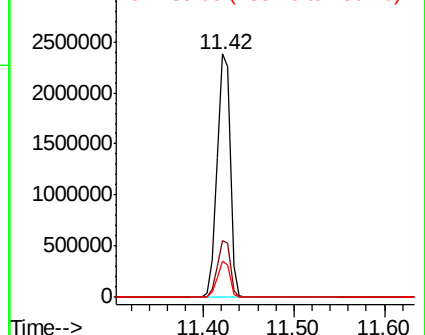
167 100

166 23.3 18.7 28.1

139 14.9 11.8 17.8



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



#74

Di-n-butylphthalate

Concen: 40.309 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

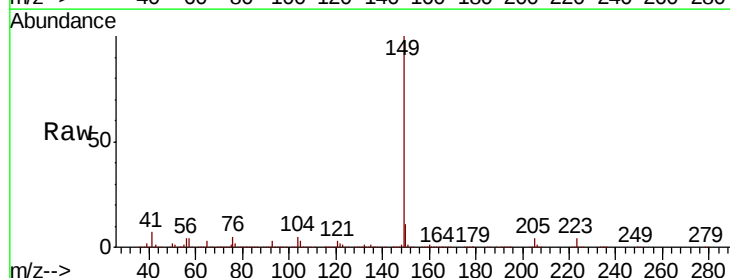
Tgt Ion:149 Resp: 2995199

Ion Ratio Lower Upper

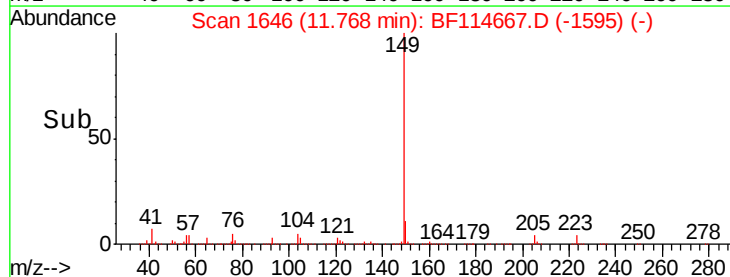
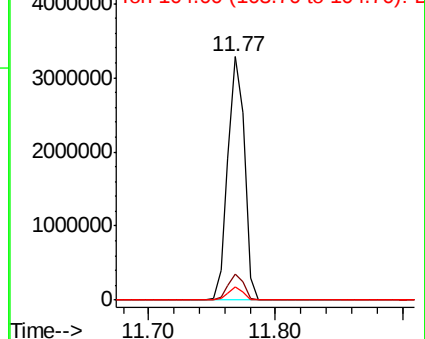
149 100

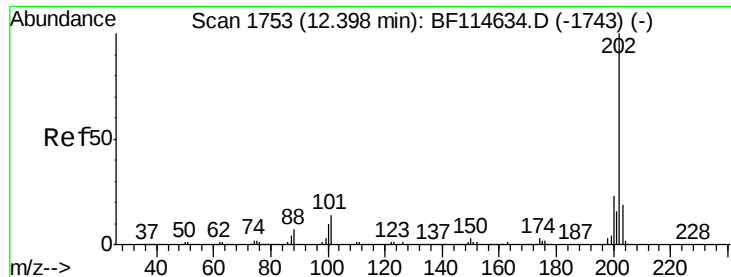
150 10.7 8.6 12.8

104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 37.505 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

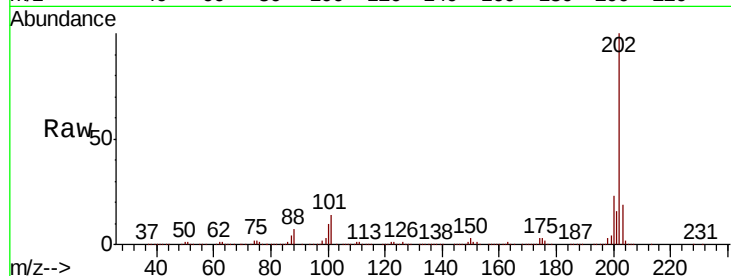
Tot Ion:202 Resp: 2617703

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.9

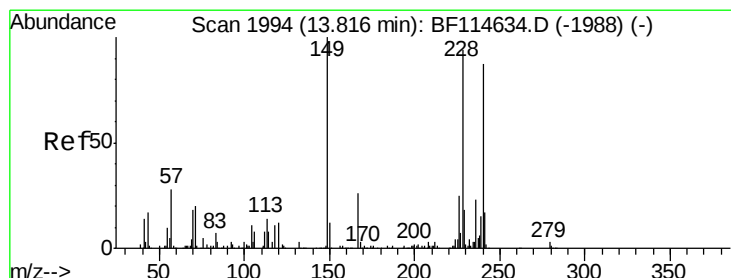
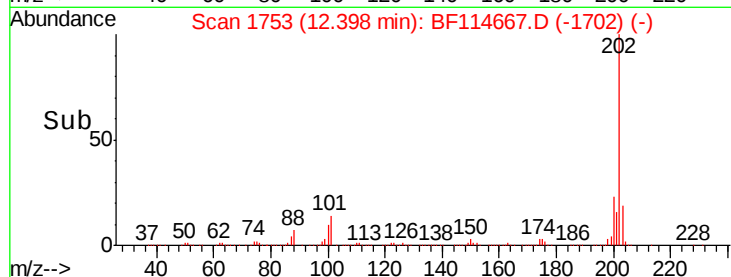
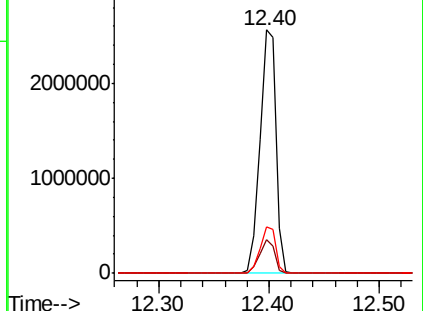
203 19.2 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

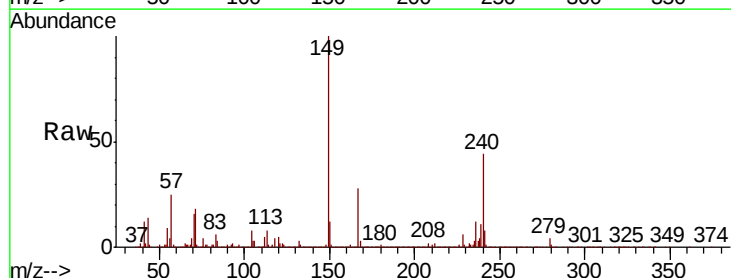
Tgt Ion:240 Resp: 769627

Ion Ratio Lower Upper

240 100

120 10.4 11.2 16.8#

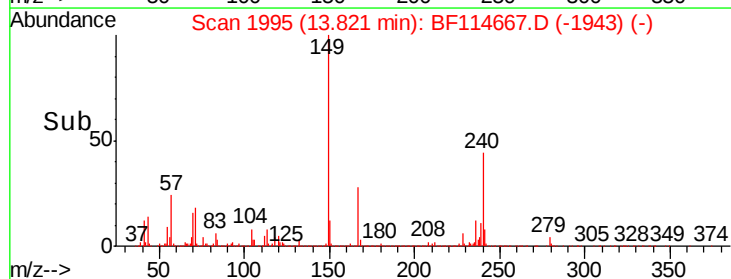
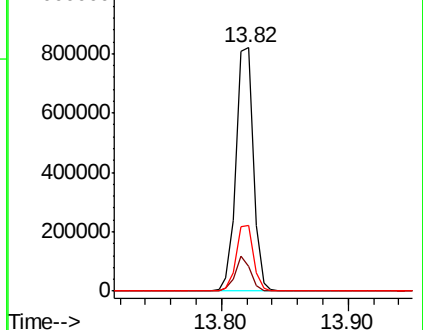
236 27.0 21.2 31.8

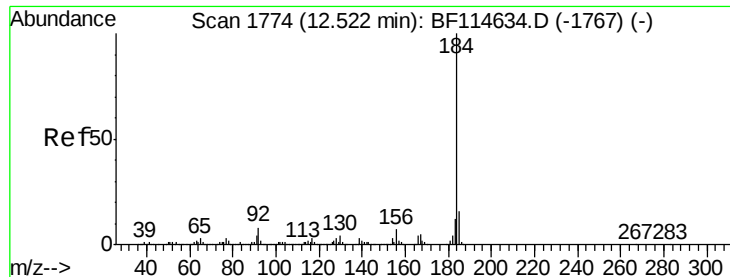


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.005 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

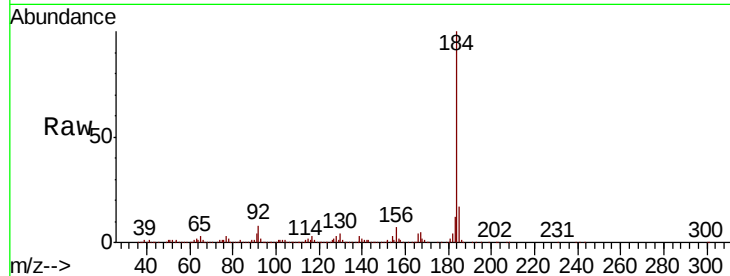
Tot Ion:184 Resp: 1394614

Ion Ratio Lower Upper

184 100

185 16.9 12.6 18.8

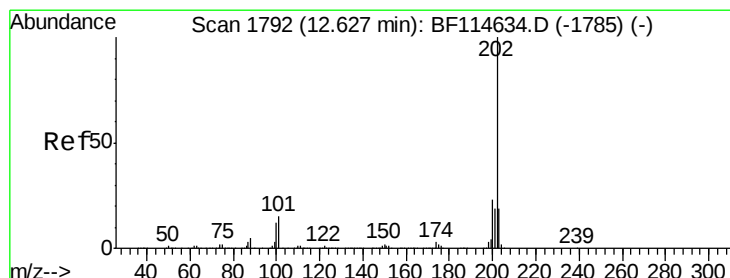
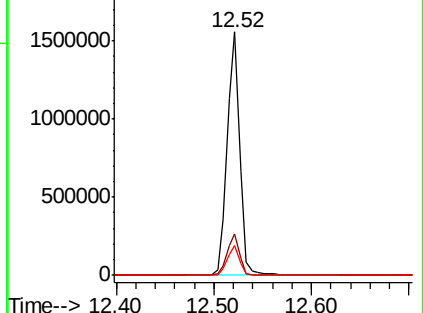
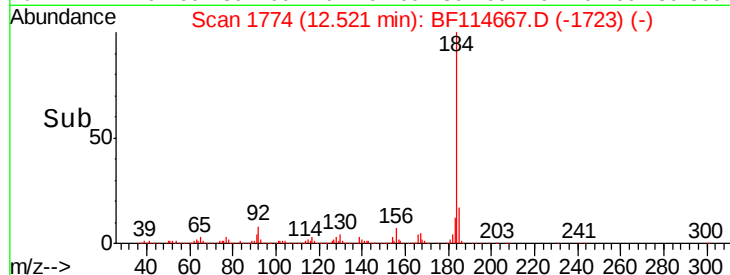
183 12.2 9.4 14.2



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: 40.077 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

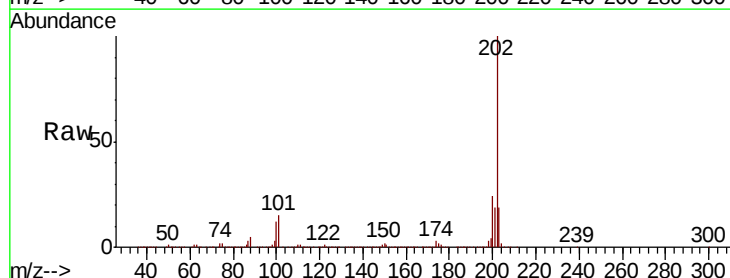
Tgt Ion:202 Resp: 2609193

Ion Ratio Lower Upper

202 100

200 23.5 18.6 28.0

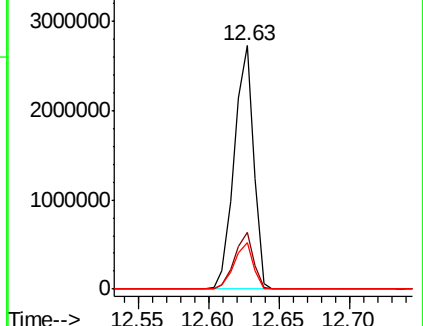
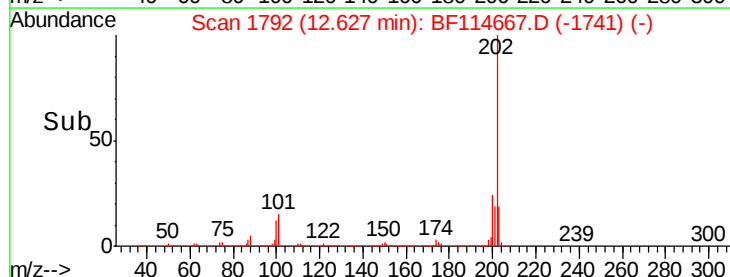
203 19.3 15.4 23.2

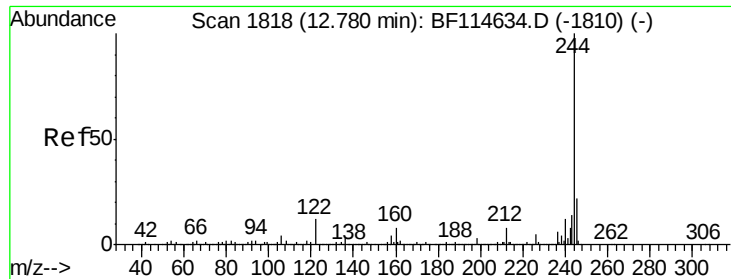


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.649 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

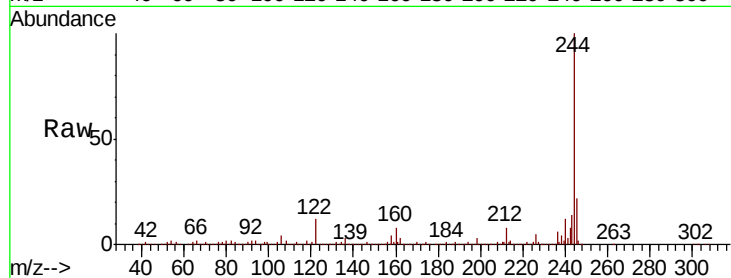
Tot Ion:244 Resp: 3342237

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

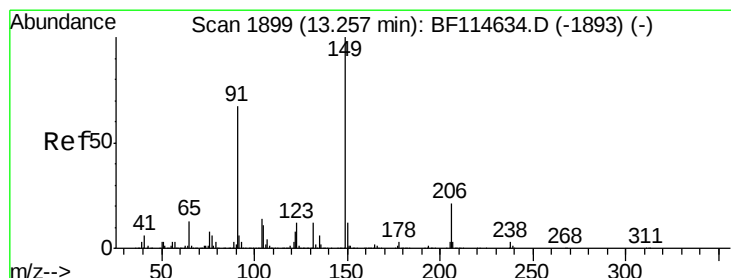
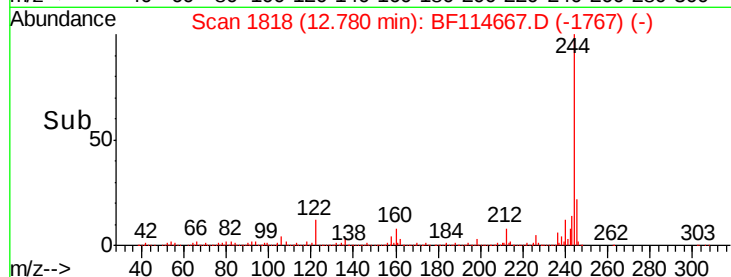
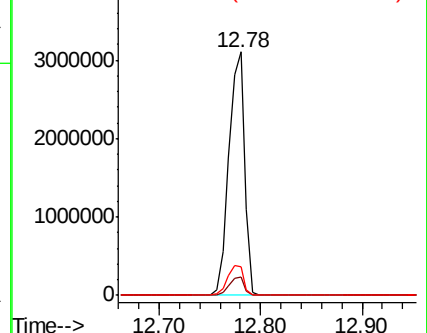
122 12.0 9.8 14.8



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: 39.936 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

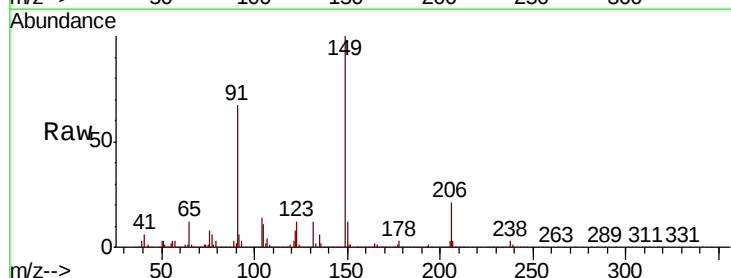
Tgt Ion:149 Resp: 1306688

Ion Ratio Lower Upper

149 100

91 66.6 53.8 80.8

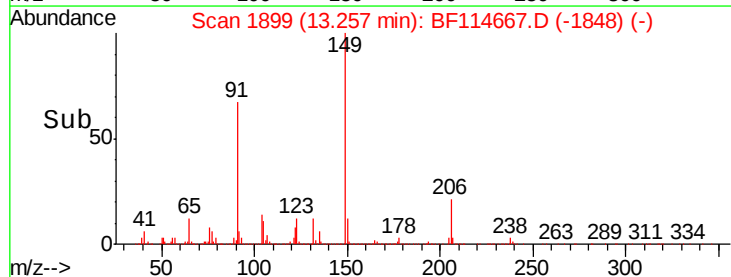
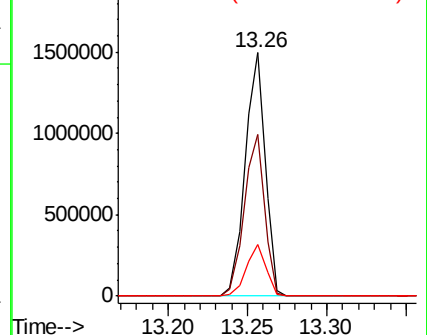
206 21.0 16.9 25.3

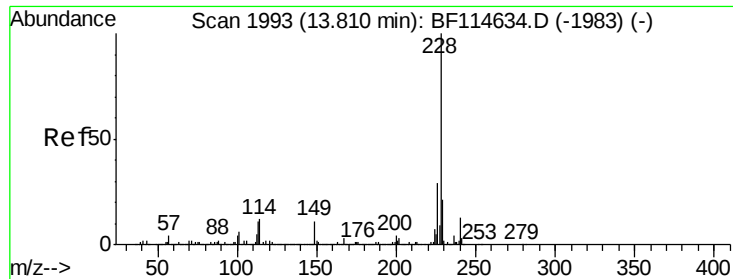


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

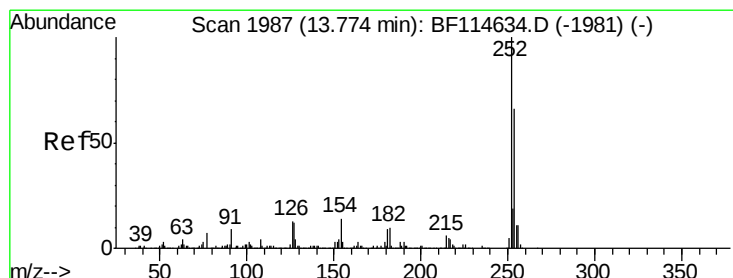
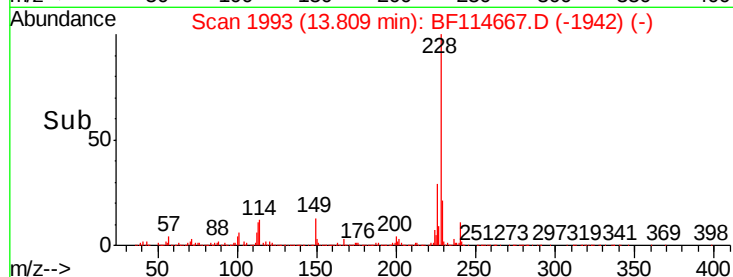
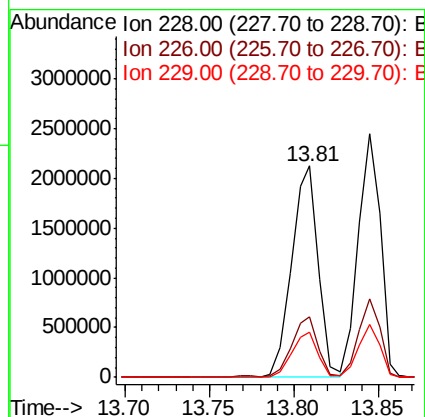
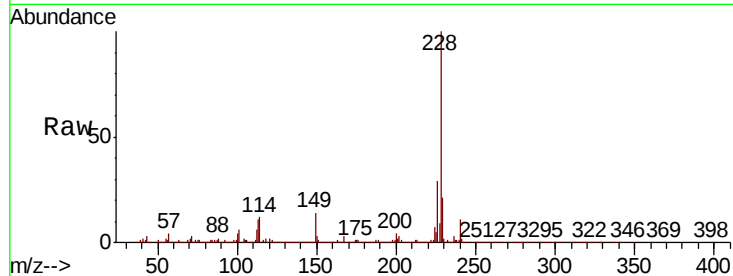




#81
Benzo(a)anthracene
Concen: 39.263 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

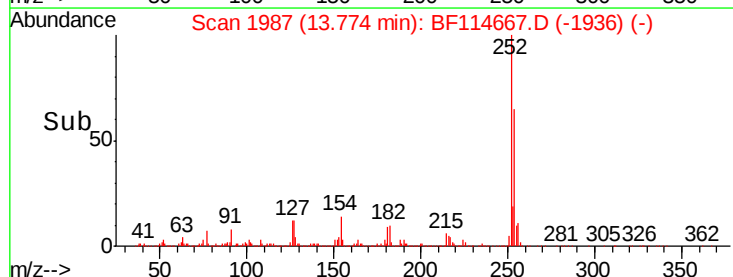
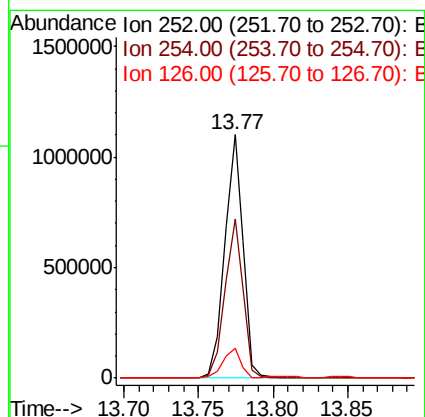
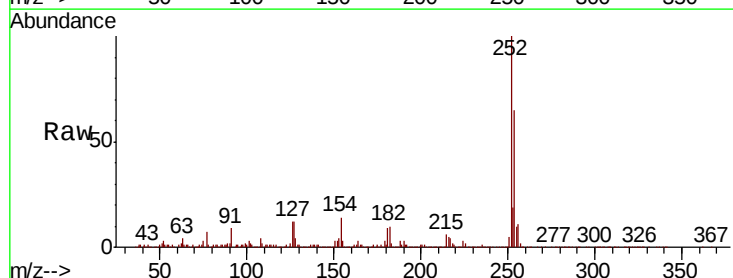
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

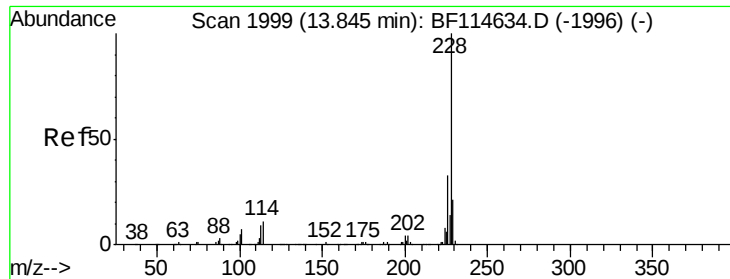
Tot Ion:228 Resp: 2322108
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.6
229 21.4 17.0 25.4



#82
3,3'-Dichlorobenzidine
Concen: 42.100 ng
RT: 13.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:252 Resp: 961572
Ion Ratio Lower Upper
252 100
254 65.4 53.1 79.7
126 12.2 10.2 15.2





#83

Chrysene

Concen: 39.420 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

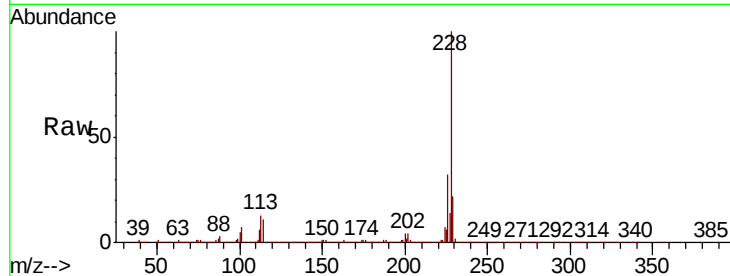
Tot Ion:228 Resp: 2227461

Ion Ratio Lower Upper

228 100

226 32.3 26.4 39.6

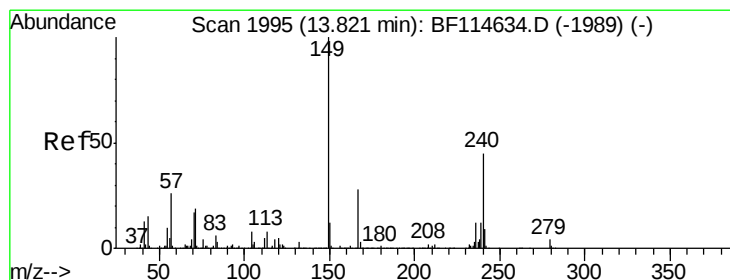
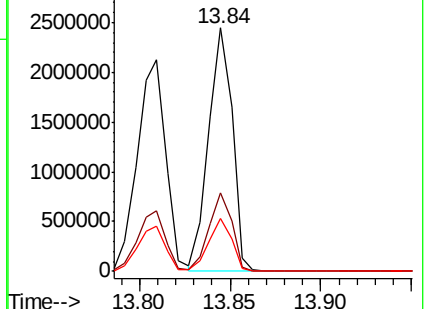
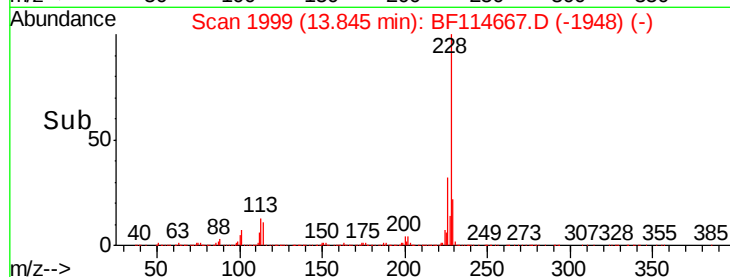
229 21.6 17.1 25.7



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: 41.092 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

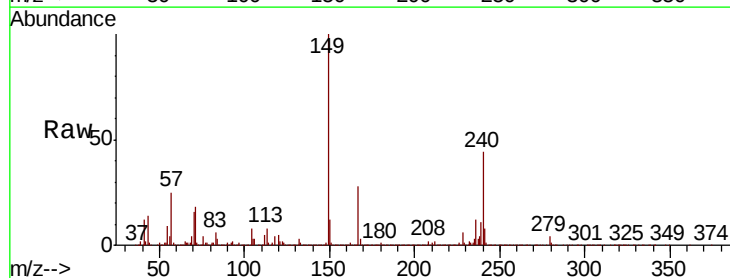
Tgt Ion:149 Resp: 1662175

Ion Ratio Lower Upper

149 100

167 27.7 22.6 33.8

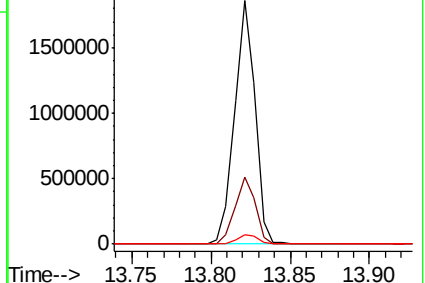
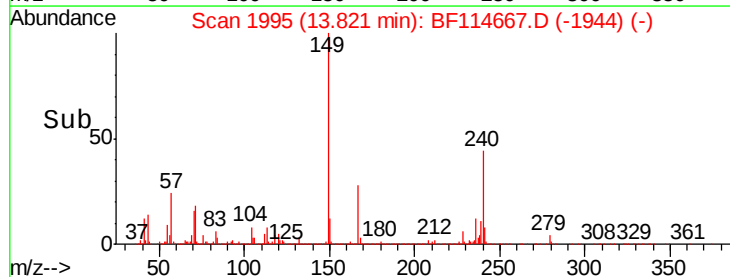
279 3.8 3.0 4.4

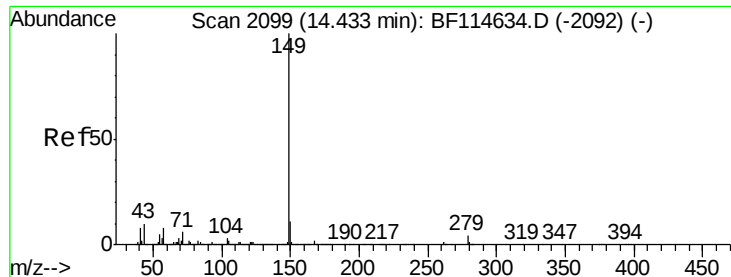


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.060 ng

RT: 14.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

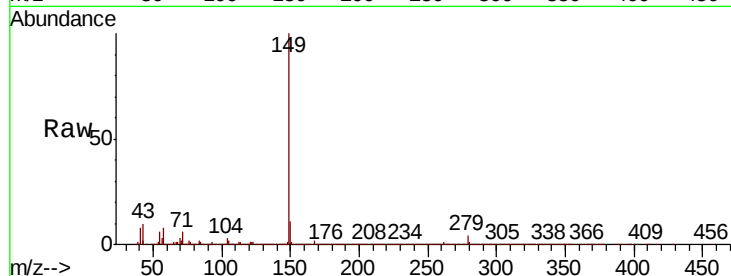
Tot Ion:149 Resp: 2745158

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

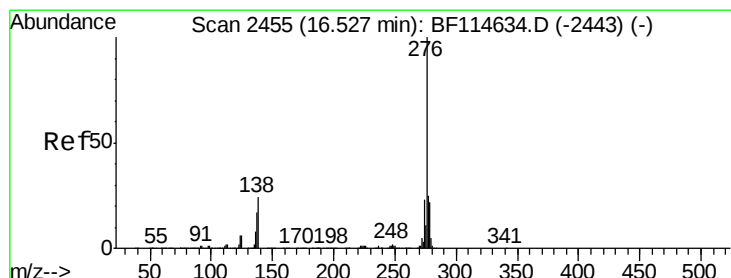
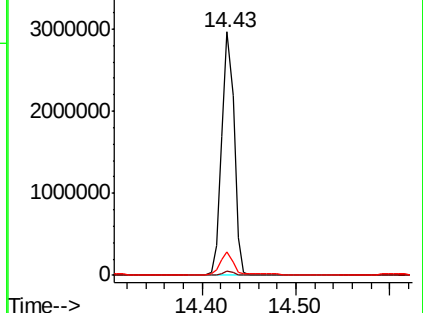
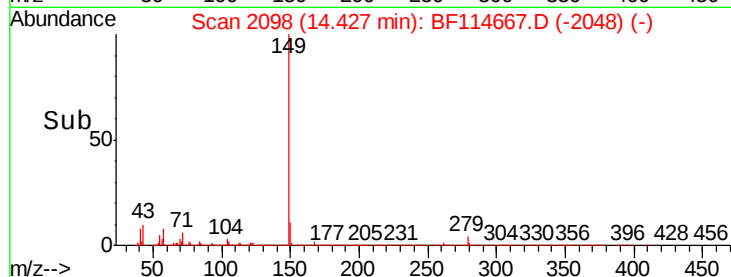
43 10.2 8.0 12.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.102 ng

RT: 16.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

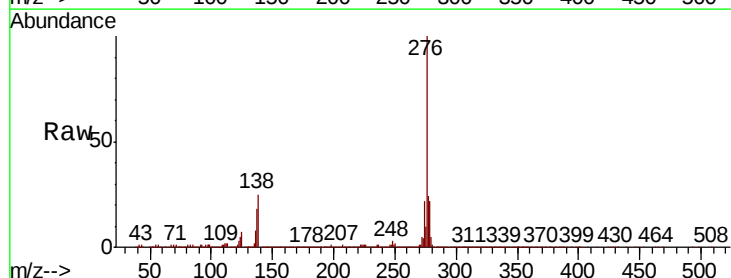
Tgt Ion:276 Resp: 1929975

Ion Ratio Lower Upper

276 100

138 28.2 23.0 34.6

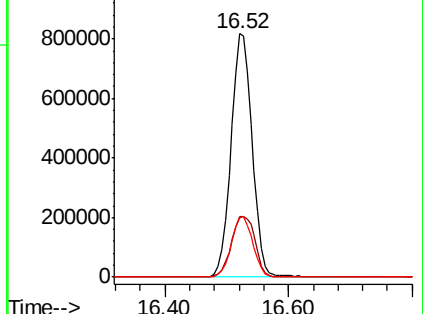
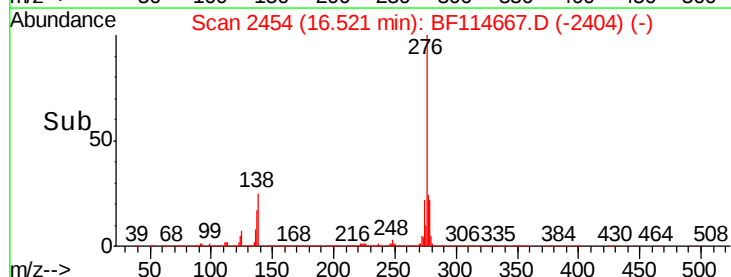
277 25.3 20.5 30.7

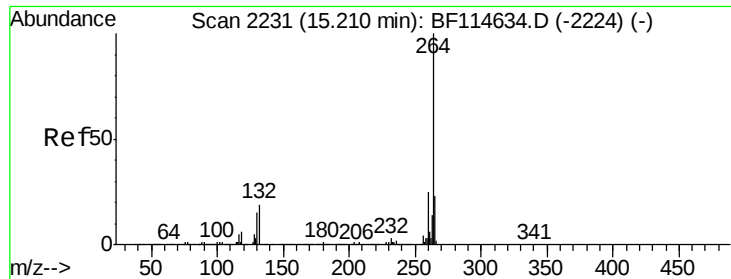


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.20 min Scan# 2230

Delta R.T. -0.01 min

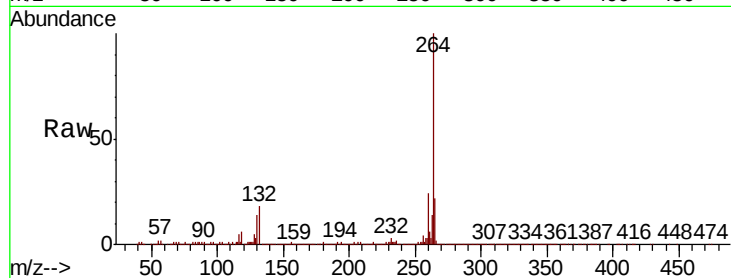
Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:264 Resp: 840544

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	22.3	18.1	27.1

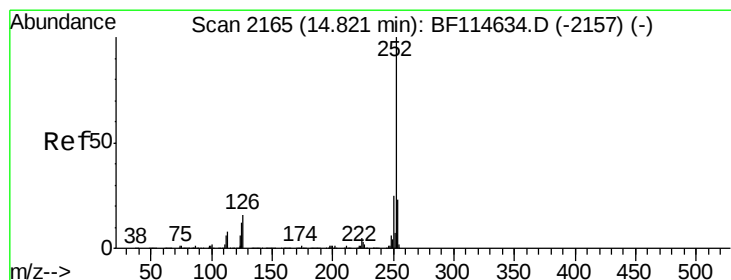
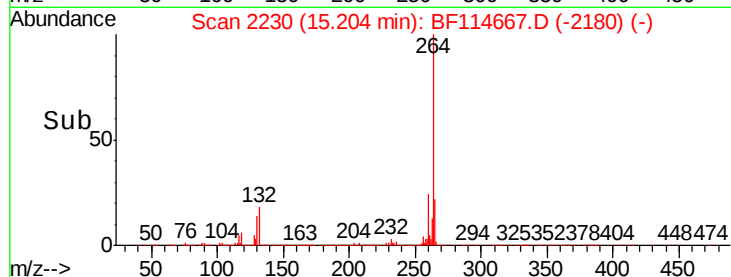
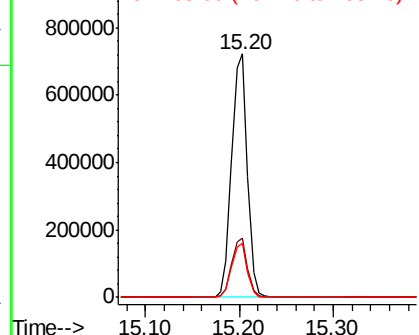


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.417 ng

RT: 14.82 min Scan# 2164

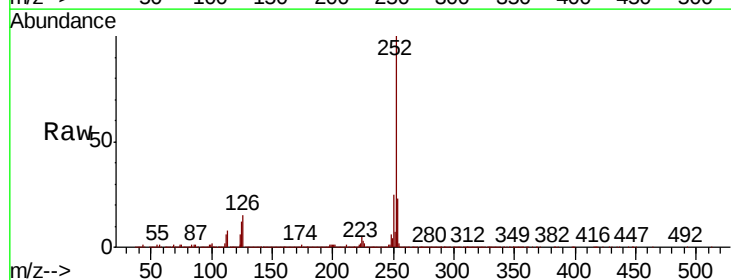
Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Tgt Ion:252 Resp: 2086781

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	11.9	9.4	14.2

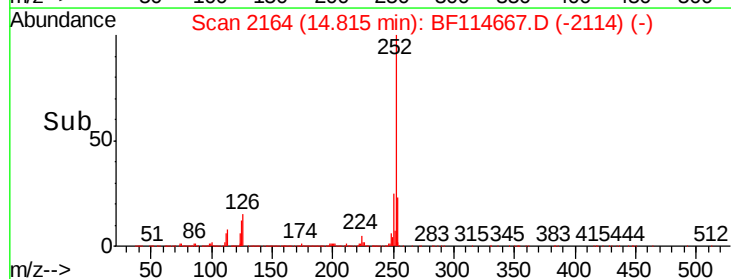
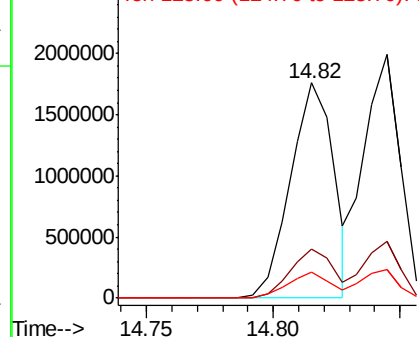


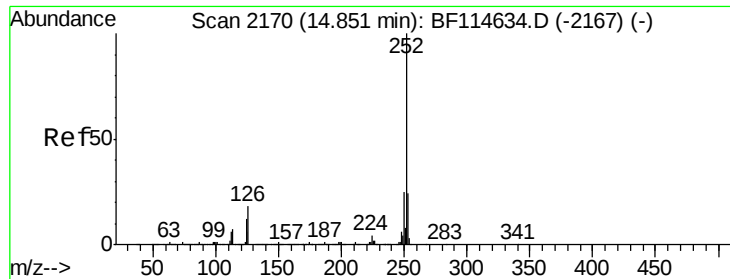
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

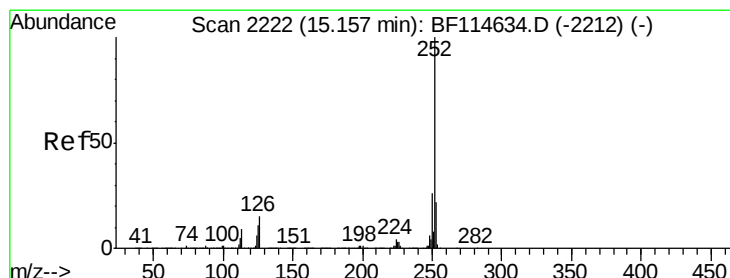
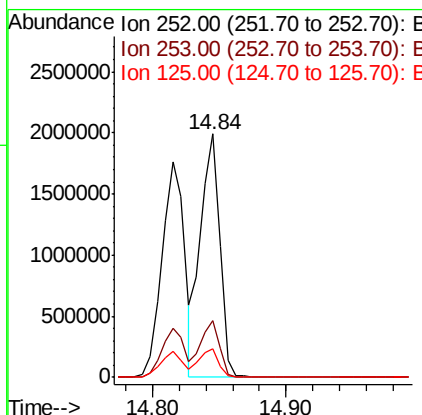
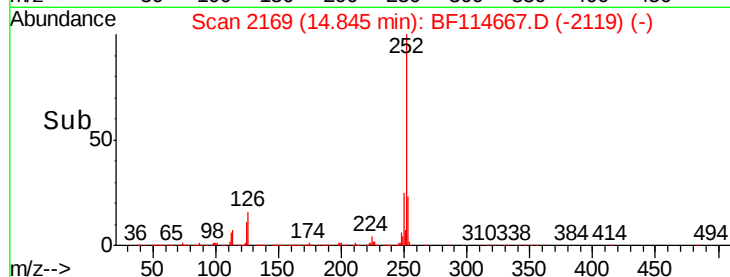
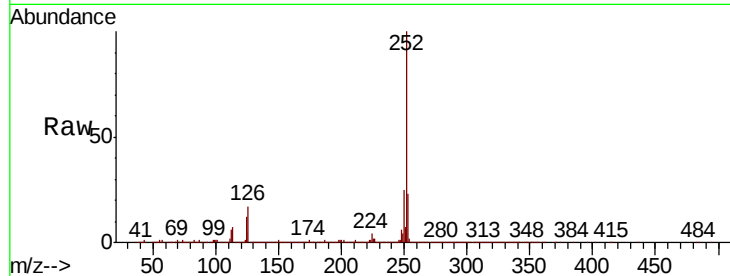




#89
Benzo(k)fluoranthene
Concen: 43.437 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

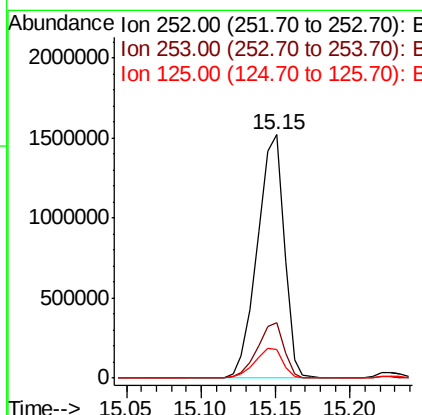
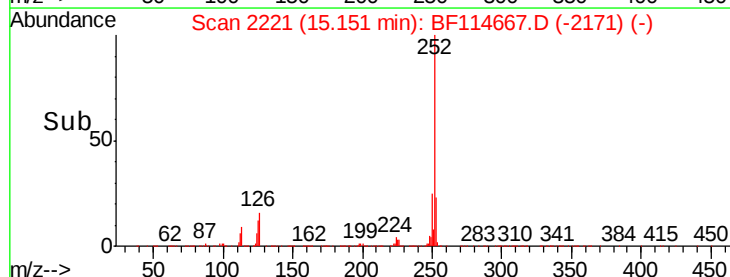
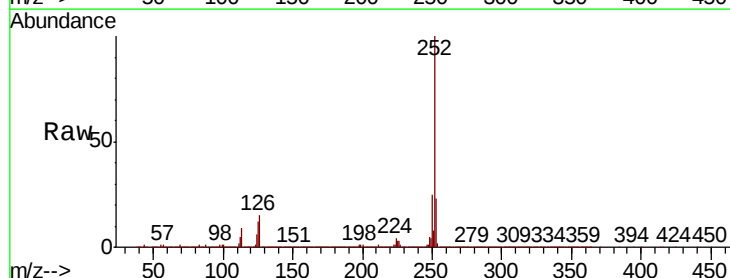
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

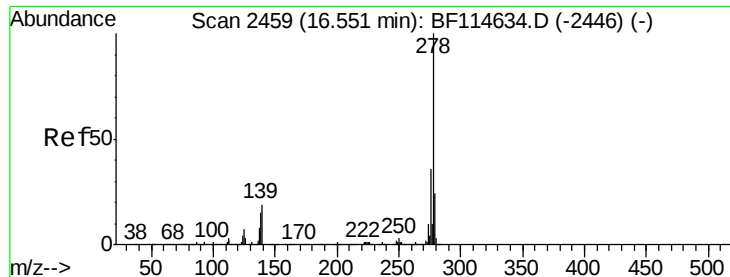
Tot Ion:252 Resp: 1998749
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 11.6 9.5 14.3



#90
Benzo(a)pyrene
Concen: 40.398 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF114667.D
Acq: 30 May 2019 18:30

Tgt Ion:252 Resp: 1878836
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.487 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

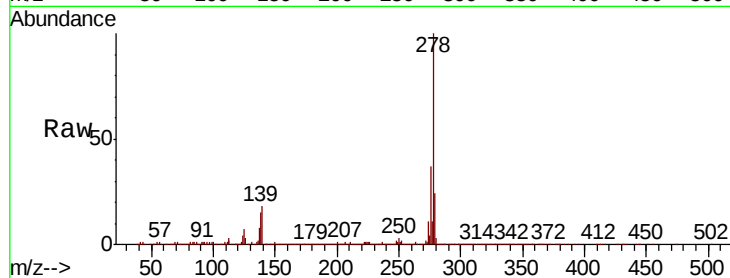
Tot Ion:278 Resp: 1581694

Ion Ratio Lower Upper

278 100

139 17.9 14.9 22.3

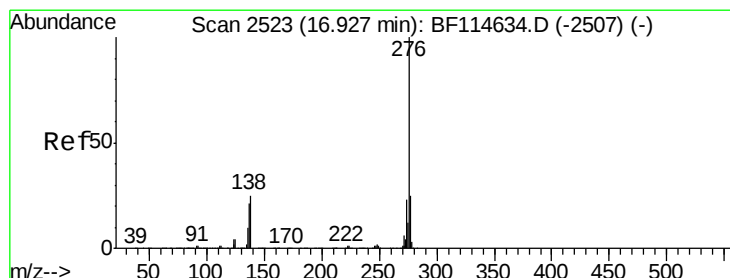
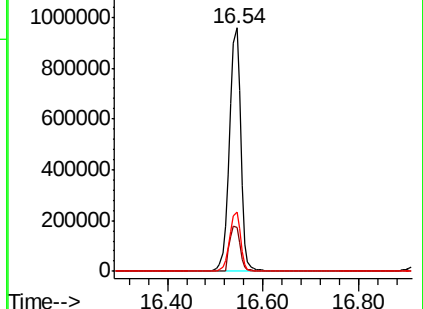
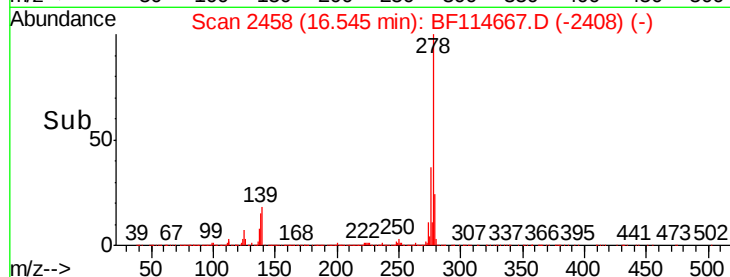
279 24.4 19.5 29.3



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: 38.600 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF114667.D

Acq: 30 May 2019 18:30

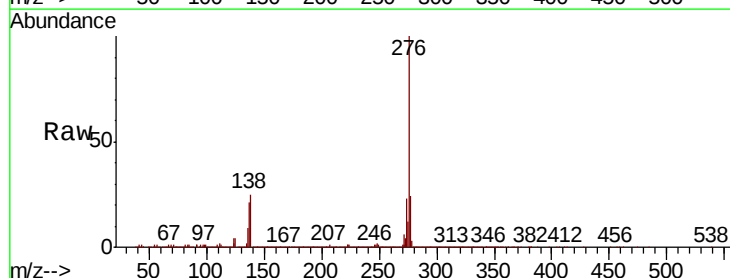
Tgt Ion:276 Resp: 1539635

Ion Ratio Lower Upper

276 100

277 24.4 19.7 29.5

138 25.3 19.8 29.8



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

