

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
 Data File : BF114669.D
 Acq On : 30 May 2019 19:24
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 01:03:54 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	370561	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1504629	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	717201	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1311819	20.00	ng	0.00
76) Chrysene-d12	13.82	240	761520	20.00	ng	0.00
87) Perylene-d12	15.20	264	778931	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1729016	81.92	ng	0.00
7) Phenol-d6	6.33	99	2101840	82.64	ng	0.00
23) Nitrobenzene-d5	7.26	82	1979602	82.08	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	568060	83.13	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3319624	87.40	ng	0.00
79) Terphenyl-d14	12.78	244	3262643	80.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	412526	40.729	ng	97
3) Pyridine	3.03	79	1160310	39.363	ng	99
4) n-Nitrosodimethylamine	2.98	42	461333	38.675	ng	95
6) Aniline	6.36	93	1567716	40.807	ng	99
8) 2-Chlorophenol	6.48	128	1027640	42.160	ng	100
9) Benzaldehyde	6.24	77	640773	47.326	ng	97
10) Phenol	6.35	94	1276603	41.550	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	961419	40.910	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1171992	42.203	ng	100
13) 1,4-Dichlorobenzene	6.72	146	1169941	41.995	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1080588	42.604	ng	100
15) Benzyl Alcohol	6.84	79	825272	41.251	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1407349	39.044	ng	99
17) 2-Methylphenol	6.95	107	850655	41.262	ng	99
18) Hexachloroethane	7.21	117	408695	38.747	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	692080	39.422	ng	98
20) 3+4-Methylphenols	7.11	107	952411	39.280	ng	97
22) Acetophenone	7.11	105	1298451	40.502	ng	100
24) Nitrobenzene	7.27	77	1057081	41.263	ng	99
25) Isophorone	7.52	82	1872992	38.699	ng	99
26) 2-Nitrophenol	7.59	139	523938	42.015	ng	99
27) 2,4-Dimethylphenol	7.64	122	845626	40.774	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1227490	39.841	ng	100
29) 2,4-Dichlorophenol	7.83	162	868858	41.159	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1007864	41.906	ng	100
31) Naphthalene	8.00	128	2776848	40.067	ng	100
32) Benzoic acid	7.76	122	547361	40.634	ng	96
33) 4-Chloroaniline	8.05	127	1316683	39.876	ng	99
34) Hexachlorobutadiene	8.13	225	559975	41.913	ng	99
35) Caprolactam	8.42	113	284548	39.943	ng	94
36) 4-Chloro-3-methylphenol	8.53	107	860212	40.634	ng	97
37) 2-Methylnaphthalene	8.69	142	1890562	41.056	ng	99
38) 1-Methylnaphthalene	8.79	142	1784787	40.908	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	845816	44.285	ng	99

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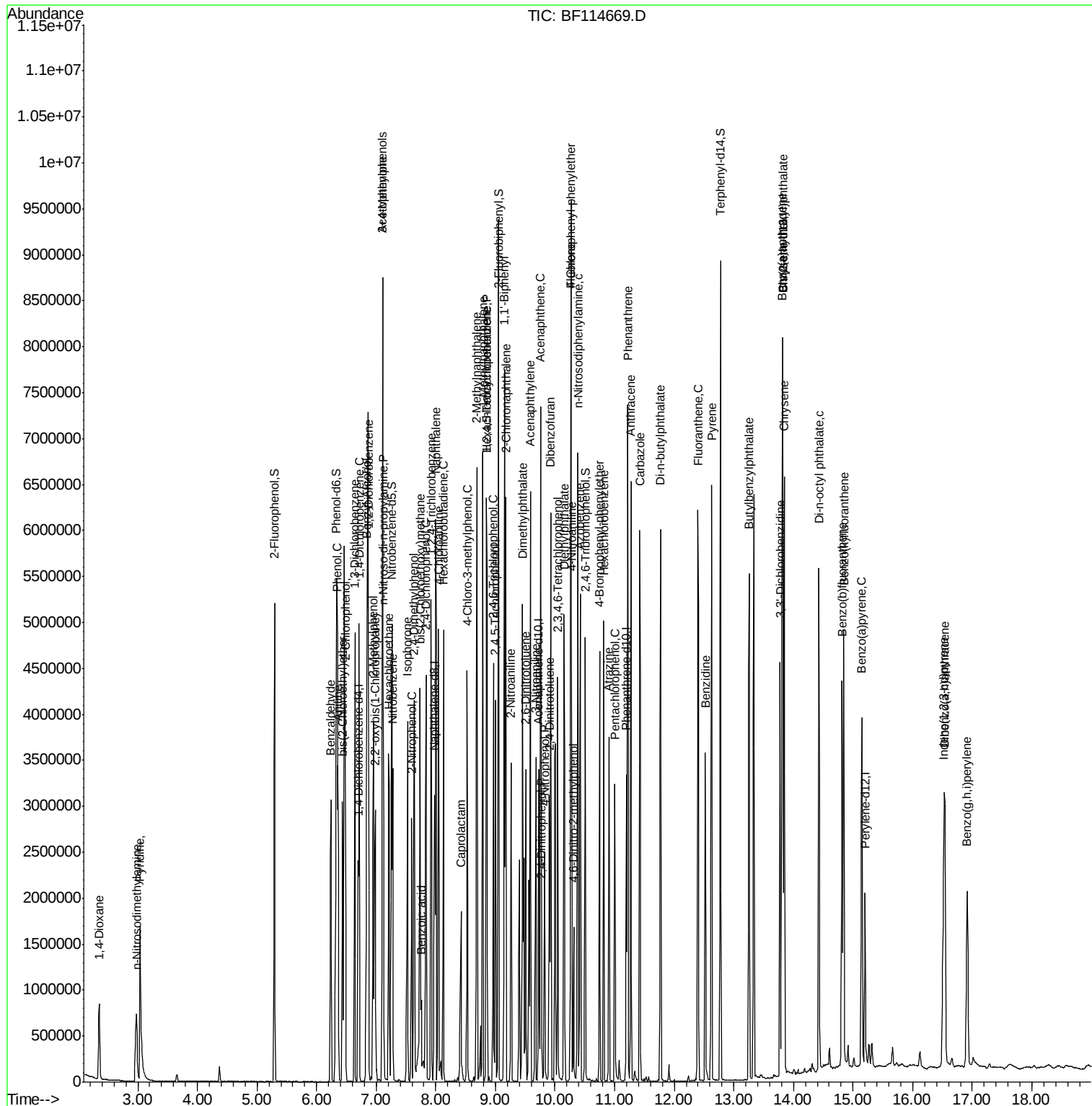
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	447688	35.471	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	633526	42.156	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	633492	42.242	ng	98
46) 1,1'-Biphenyl	9.15	154	2197020	41.268	ng	100
47) 2-Chloronaphthalene	9.17	162	1849402	42.349	ng	98
48) 2-Nitroaniline	9.26	65	577210	42.830	ng	100
49) Acenaphthylene	9.59	152	2690691	39.882	ng	99
50) Dimethylphthalate	9.46	163	2089465	41.810	ng	100
51) 2,6-Dinitrotoluene	9.51	165	477051	41.081	ng	97
52) Acenaphthene	9.76	154	1733258	41.891	ng	100
53) 3-Nitroaniline	9.67	138	604109	42.506	ng	100
54) 2,4-Dinitrophenol	9.77	184	197452	43.107	ng	93
55) Dibenzofuran	9.93	168	2354488	39.977	ng	98
56) 4-Nitrophenol	9.83	139	428157	40.652	ng	95
57) 2,4-Dinitrotoluene	9.90	165	623899	41.863	ng	97
58) Fluorene	10.27	166	1634301	40.951	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	508914	41.459	ng	100
60) Diethylphthalate	10.15	149	2109798	41.334	ng	100
61) 4-Chlorophenyl-phenylether	10.26	204	849397	42.636	ng	99
62) 4-Nitroaniline	10.28	138	584747	42.222	ng	98
63) Azobenzene	10.42	77	1846122	39.394	ng	98
65) 4,6-Dinitro-2-methylphenol	10.31	198	207022	35.591	ng	94
66) n-Nitrosodiphenylamine	10.38	169	1656046	42.728	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	598766	42.564	ng	99
68) Hexachlorobenzene	10.82	284	638327	41.894	ng	100
69) Atrazine	10.91	200	488335	39.022	ng	99
70) Pentachlorophenol	11.00	266	371132	42.255	ng	99
71) Phenanthrene	11.22	178	2590880	38.717	ng	99
72) Anthracene	11.27	178	2627998	38.802	ng	100
73) Carbazole	11.42	167	2364841	39.730	ng	100
74) Di-n-butylphthalate	11.77	149	2939788	39.716	ng	100
75) Fluoranthene	12.40	202	2572772	37.130	ng	100
77) Benzidine	12.52	184	1343598	42.847	ng	99
78) Pyrene	12.63	202	2590113	40.208	ng	100
80) Butylbenzylphthalate	13.26	149	1269866	39.224	ng	99
81) Benzo(a)anthracene	13.81	228	2273412	38.848	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	930597	41.177	ng	98
83) Chrysene	13.85	228	2147552	38.410	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1599032	39.952	ng	100
85) Di-n-octyl phthalate	14.43	149	2603704	37.442	ng	98
86) Indeno(1,2,3-cd)pyrene	16.52	276	1849181	33.022	ng	99
88) Benzo(b)fluoranthene	14.82	252	2007634	40.922	ng	99
89) Benzo(k)fluoranthene	14.84	252	1857360	43.557	ng	98
90) Benzo(a)pyrene	15.14	252	1772330	41.122	ng	98
91) Dibenzo(a,h)anthracene	16.54	278	1511718	39.694	ng	100
92) Benzo(g,h,i)perylene	16.92	276	1472035	39.824	ng	99

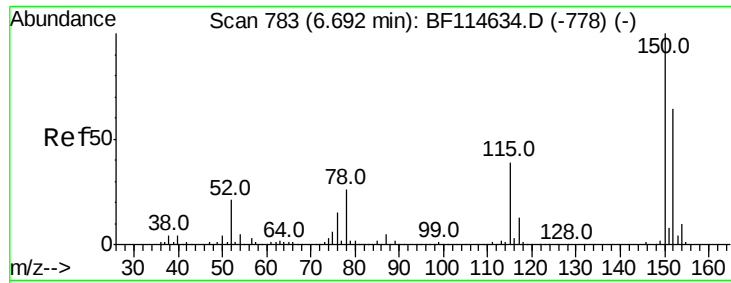
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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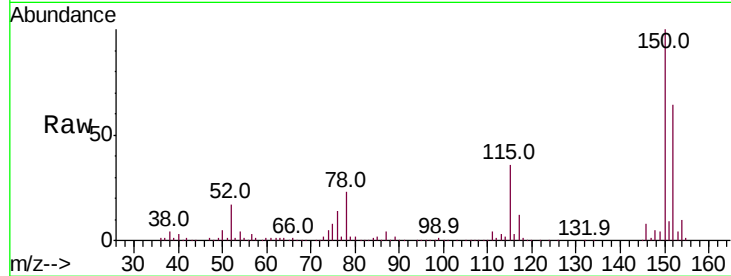


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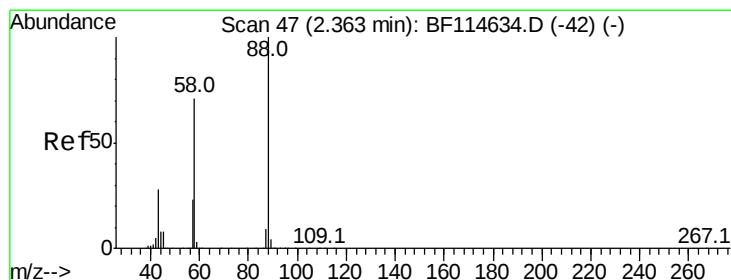
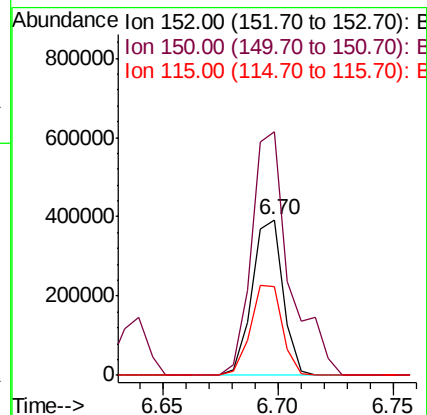
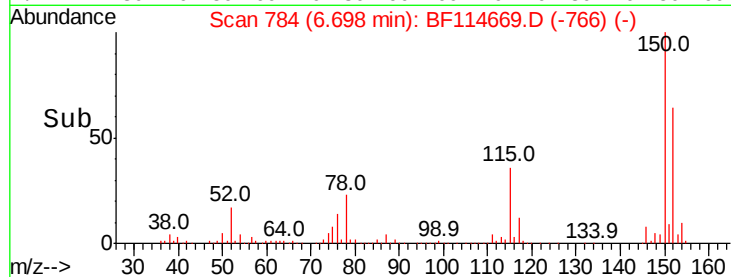
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 370561
Ion Ratio Lower Upper
152 100
150 156.7 124.4 186.6
115 57.0 48.7 73.1



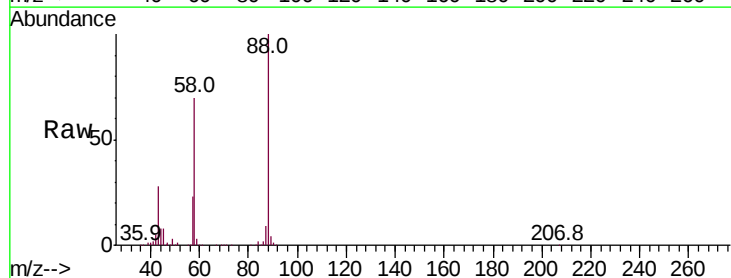
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



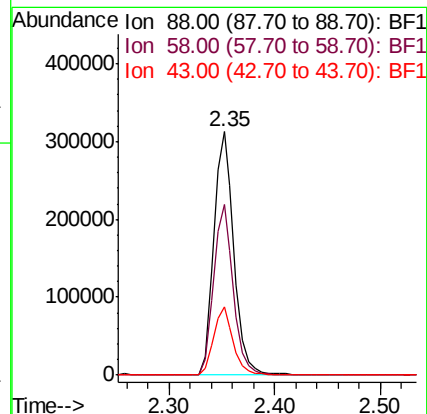
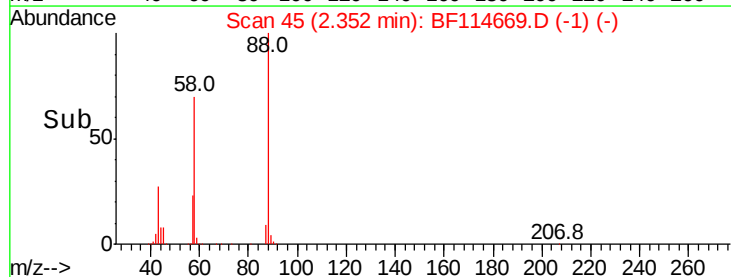
#2

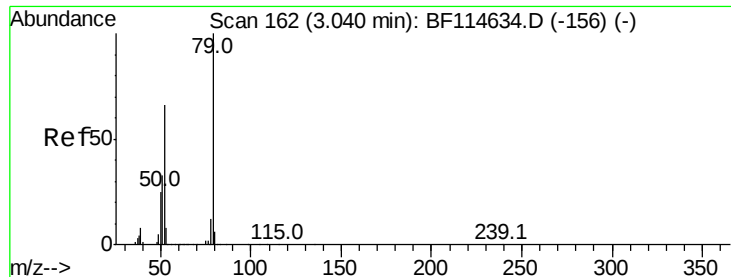
1,4-Dioxane
Concen: 40.729 ng
RT: 2.35 min Scan# 45
Delta R.T. -0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion: 88 Resp: 412526
Ion Ratio Lower Upper
88 100
58 69.1 57.2 85.8
43 26.9 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: 39.363 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

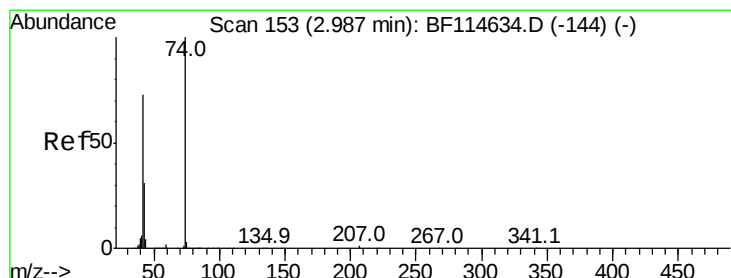
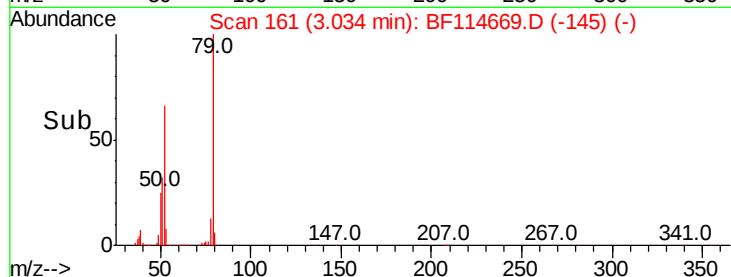
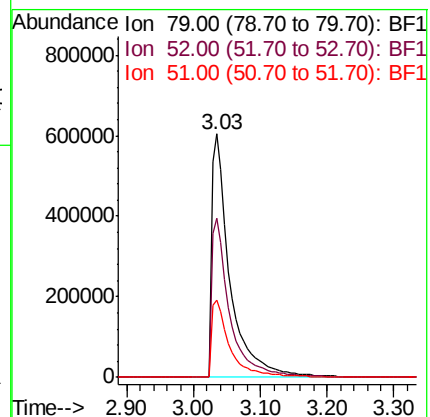
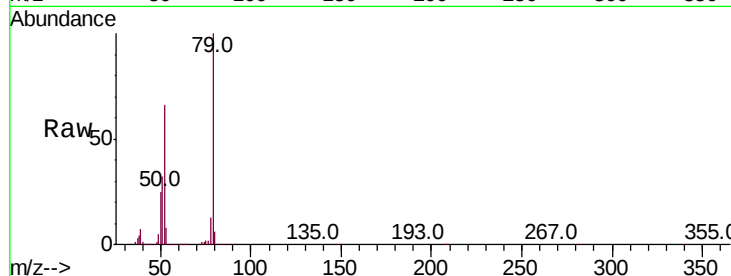
Tot Ion: 79 Resp: 1160310

Ion Ratio Lower Upper

79 100

52 65.6 52.8 79.2

51 32.0 26.3 39.5



#4

n-Nitrosodimethylamine

Concen: 38.675 ng

RT: 2.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

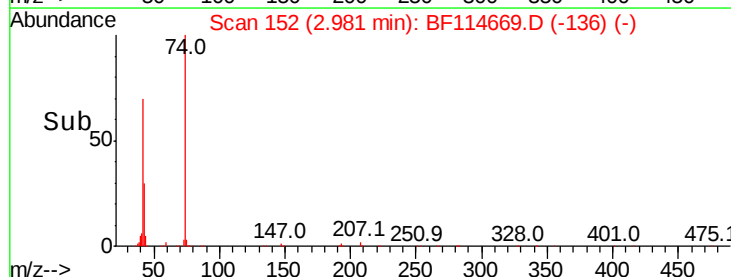
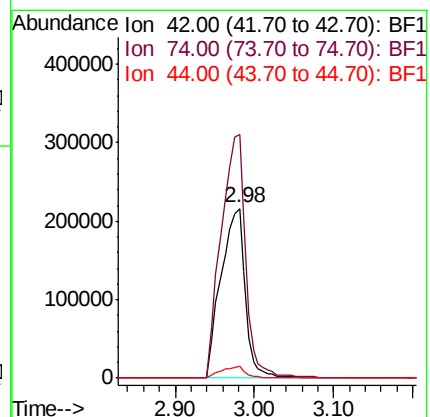
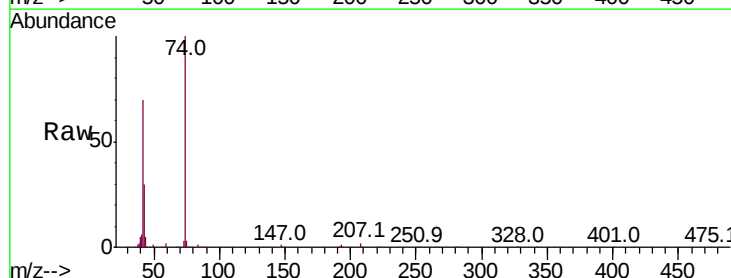
Tgt Ion: 42 Resp: 461333

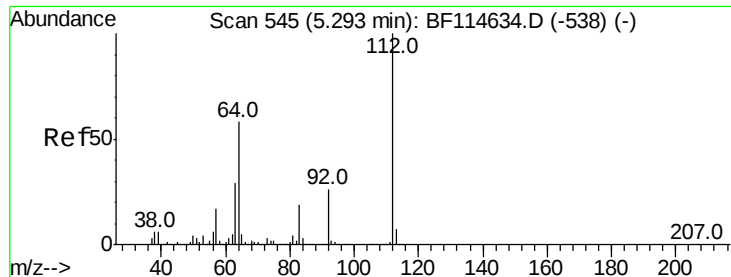
Ion Ratio Lower Upper

42 100

74 143.4 110.0 165.0

44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 81.920 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

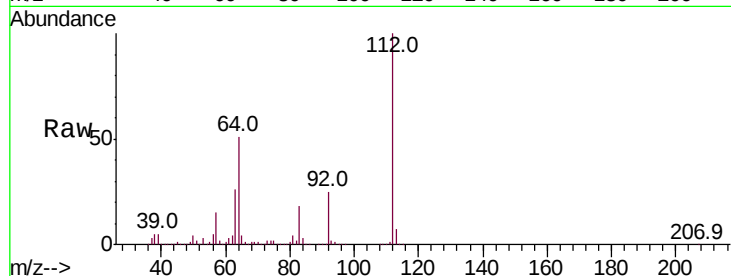
Tot Ion:112 Resp: 1729016

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

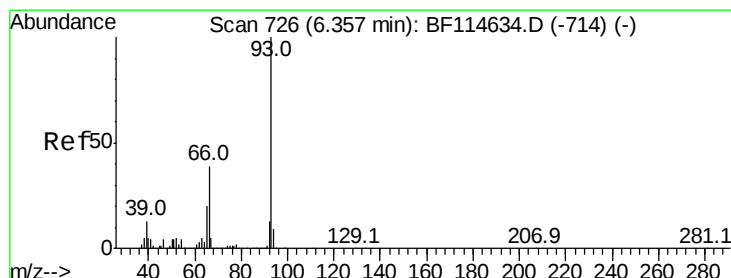
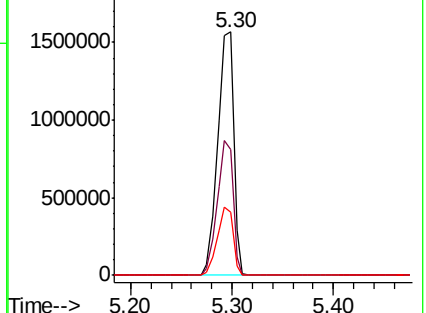
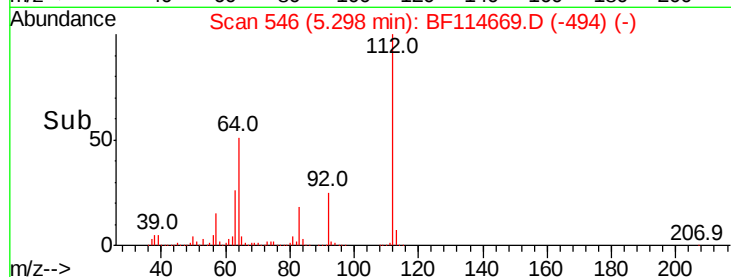
63 26.2 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.807 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

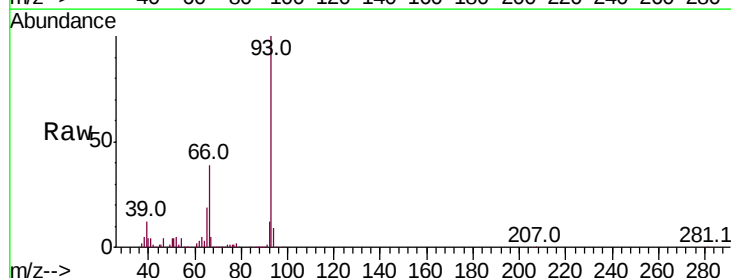
Tgt Ion: 93 Resp: 1567716

Ion Ratio Lower Upper

93 100

66 38.9 31.4 47.2

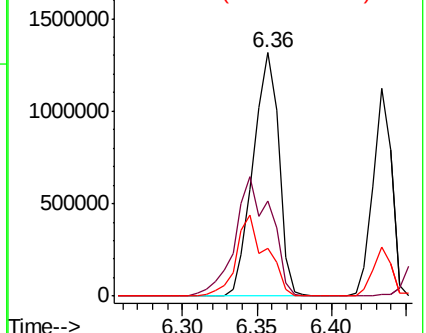
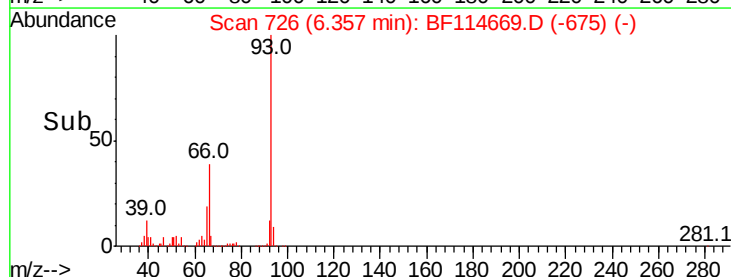
65 19.4 16.2 24.2

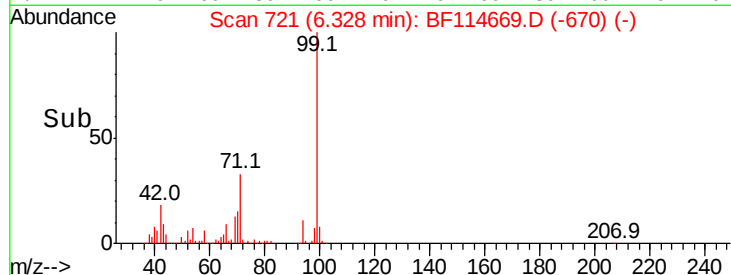
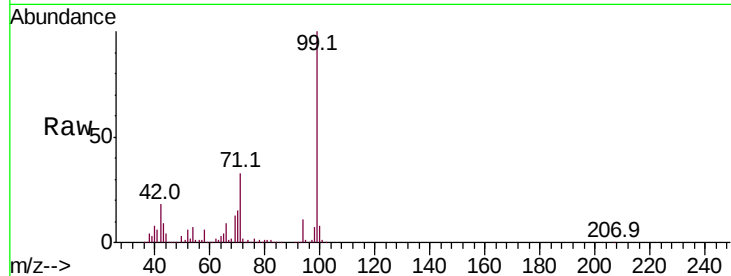
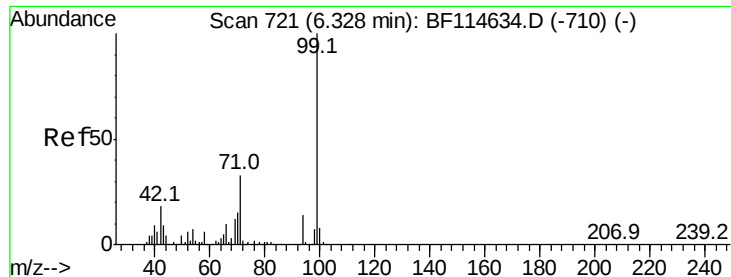


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.640 ng

RT: 6.33 min Scan# 721

Delta R.T. 0.00 min

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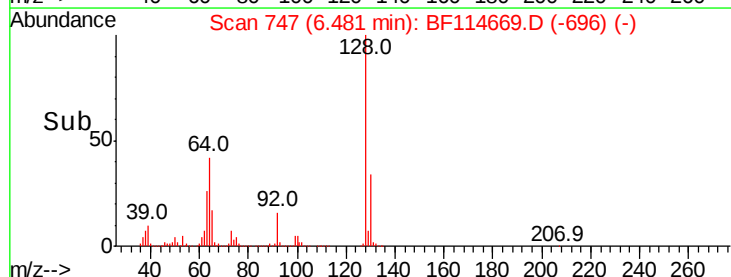
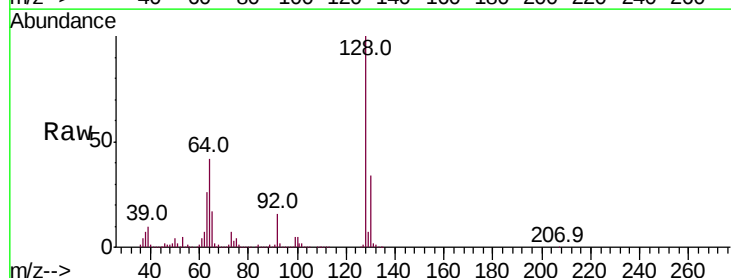
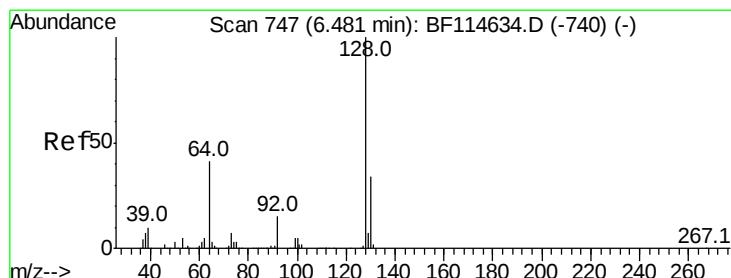
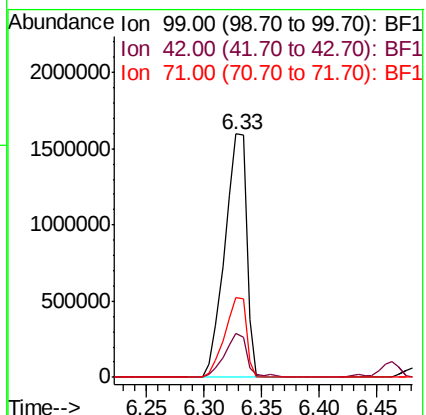
Tot Ion: 99 Resp: 2101840

Ion Ratio Lower Upper

99 100

42 17.8 14.7 22.1

71 32.9 26.6 40.0



#8

2-Chlorophenol

Concen: 42.160 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

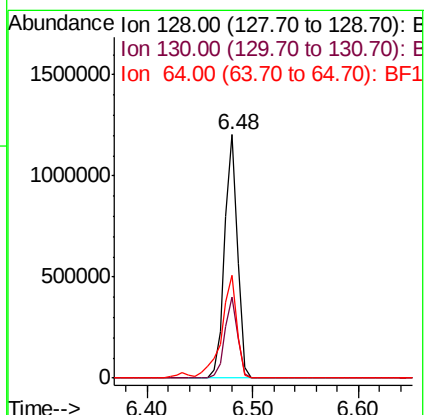
Tgt Ion:128 Resp: 1027640

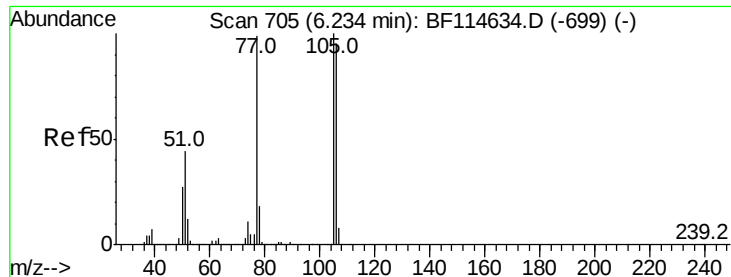
Ion Ratio Lower Upper

128 100

130 33.6 13.9 53.9

64 42.0 22.0 62.0





#9

Benzaldehyde

Concen: 47.326 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampled :

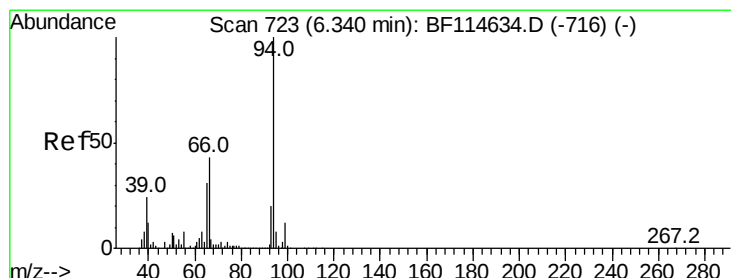
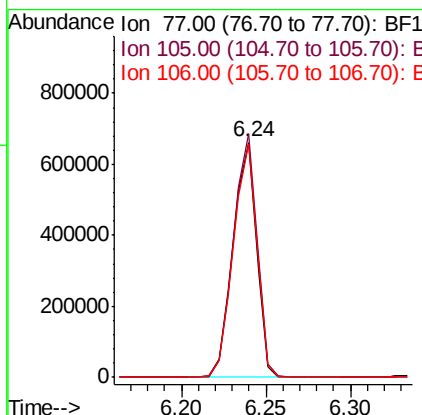
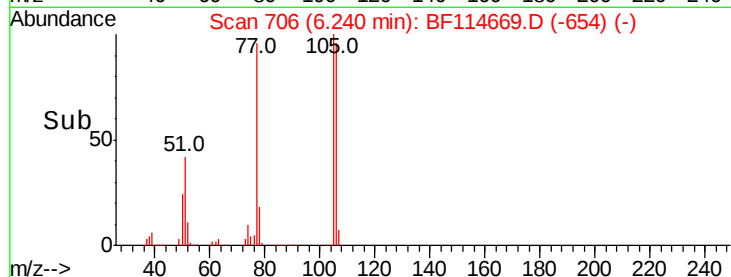
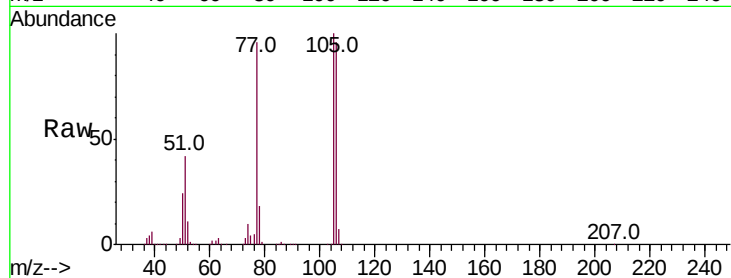
Tot Ion: 77 Resp: 640773

Ion Ratio Lower Upper

77 100

105 103.7 80.8 120.8

106 99.6 76.2 116.2



#10

Phenol

Concen: 41.550 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

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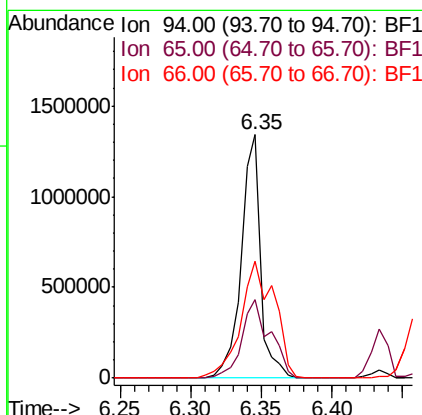
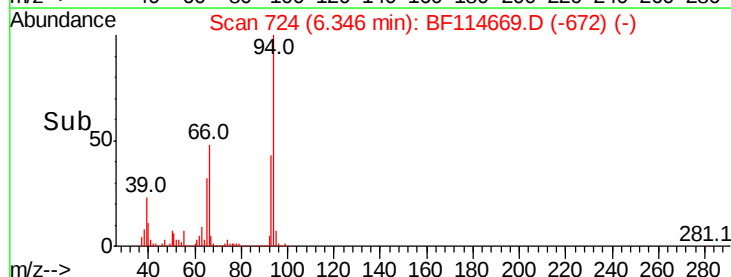
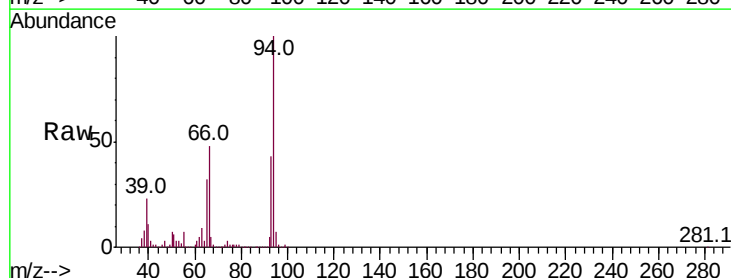
Tgt Ion: 94 Resp: 1276603

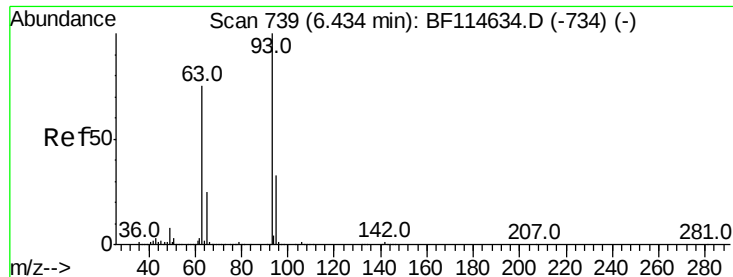
Ion Ratio Lower Upper

94 100

65 32.4 11.0 51.0

66 48.0 23.0 63.0

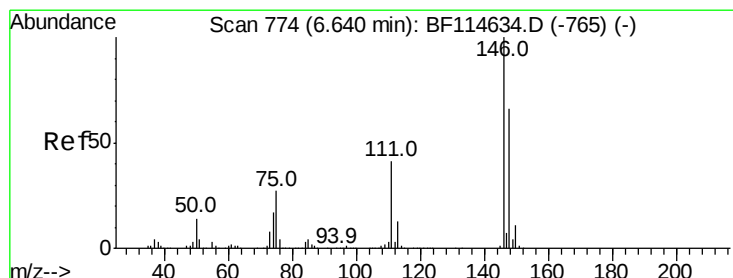
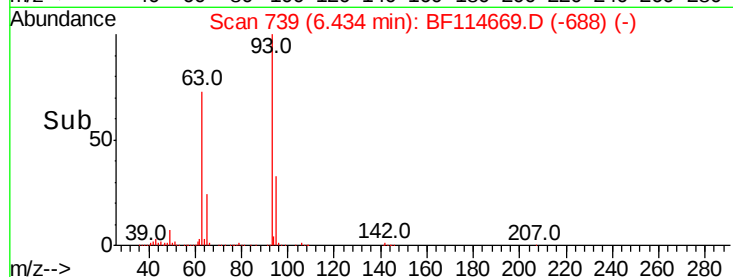
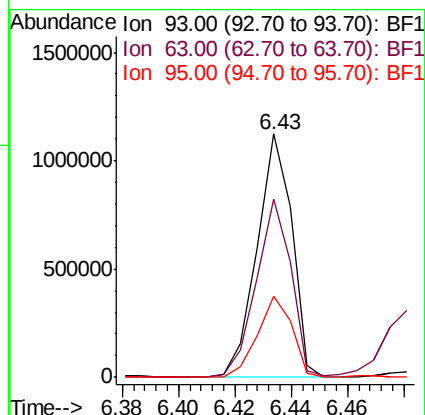
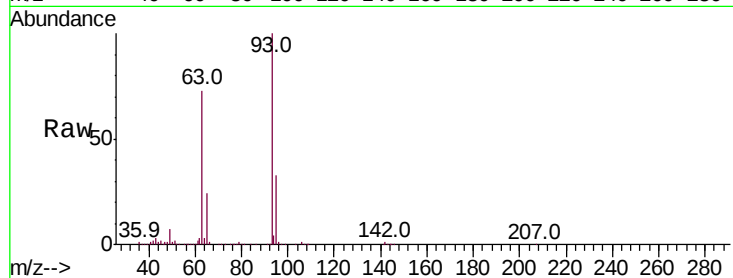




#11
bis(2-Chloroethyl)ether
Concen: 40.910 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

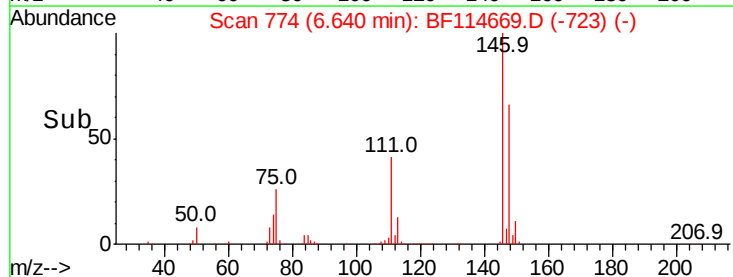
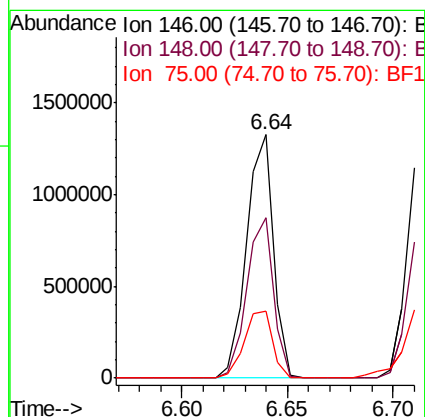
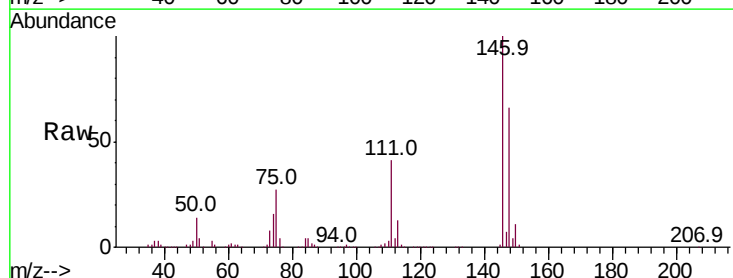
Instrument :
BNA_F
ClientSampled :

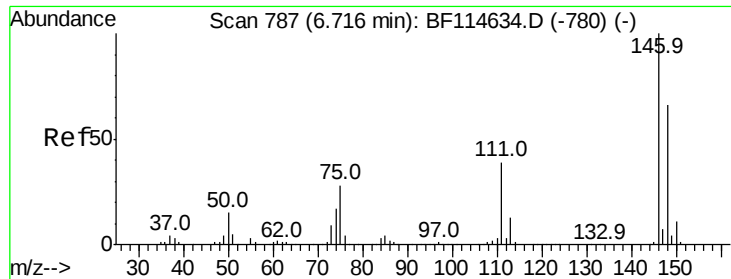
Tot Ion: 93 Resp: 961419
Ion Ratio Lower Upper
93 100
63 73.3 55.0 95.0
95 33.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.203 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion: 146 Resp: 1171992
Ion Ratio Lower Upper
146 100
148 66.1 52.9 79.3
75 27.4 22.0 33.0

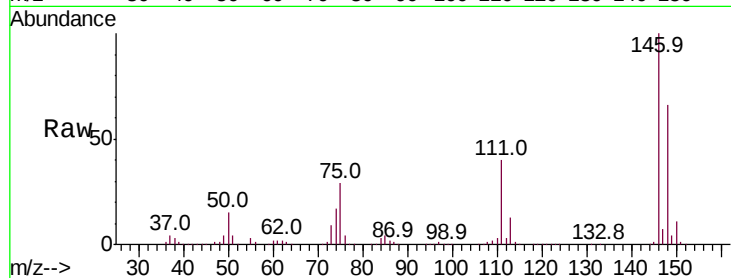




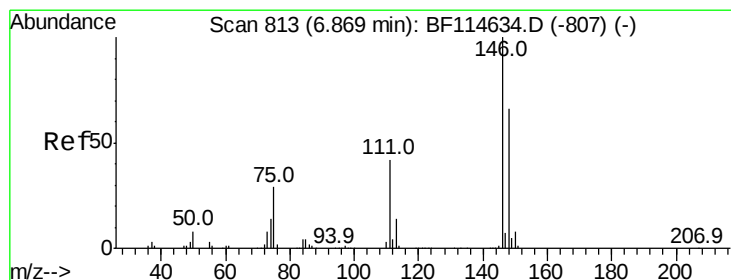
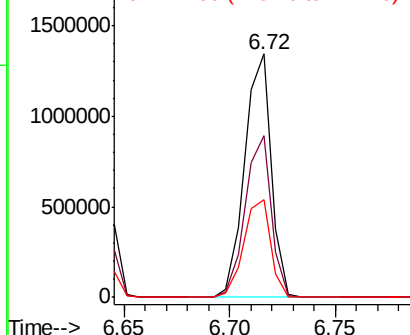
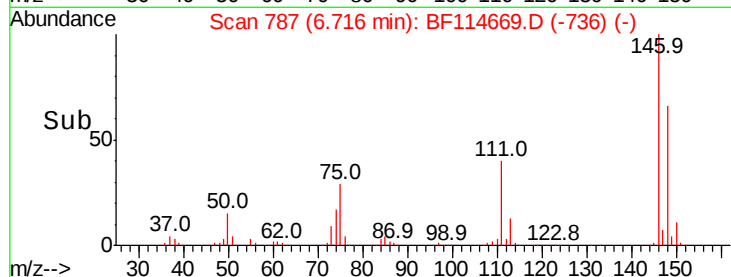
#13
 1,4-Dichlorobenzene
 Concen: 41.995 ng
 RT: 6.72 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 1169941
 Ion Ratio Lower Upper
 146 100
 148 66.2 52.5 78.7
 111 40.2 31.4 47.2

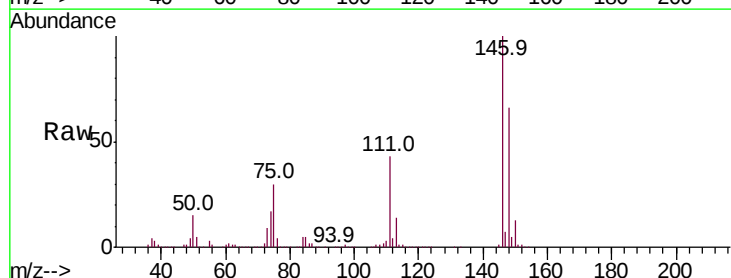


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

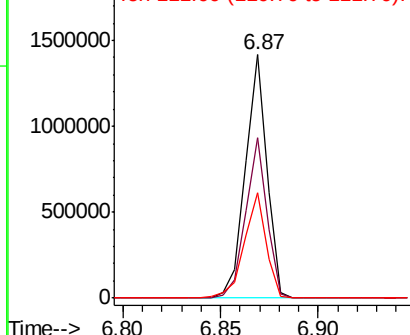
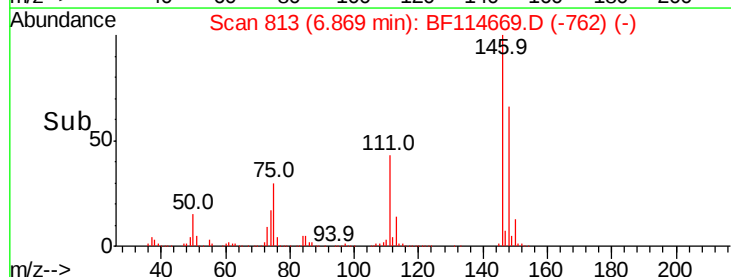


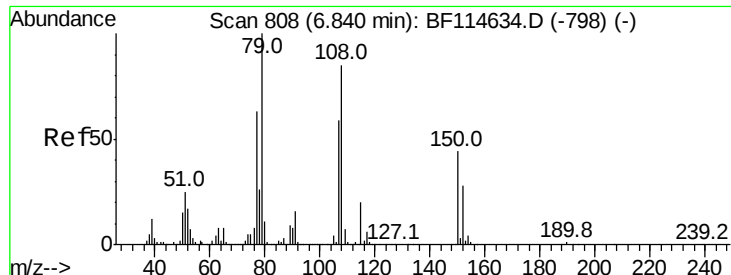
#14
 1,2-Dichlorobenzene
 Concen: 42.604 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:146 Resp: 1080588
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.6 79.0
 111 43.1 34.1 51.1



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





#15

Benzyl Alcohol

Concen: 41.251 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

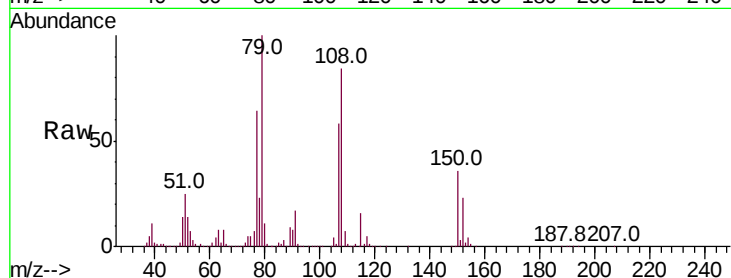
Tot Ion: 79 Resp: 825272

Ion Ratio Lower Upper

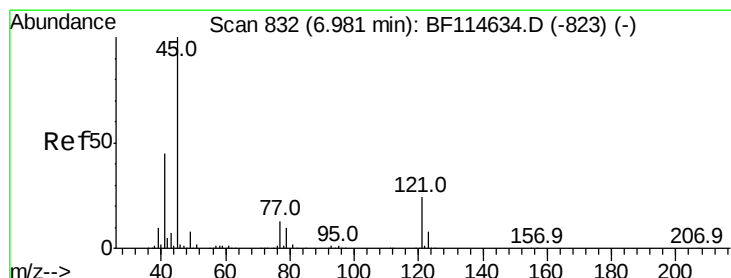
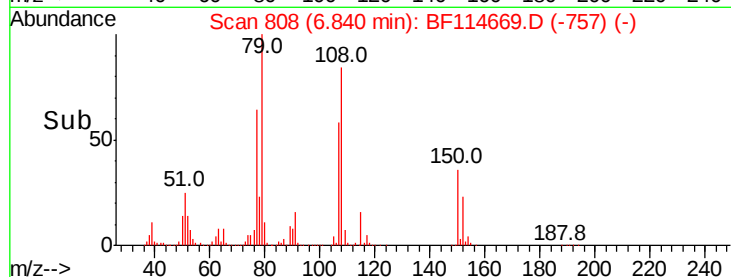
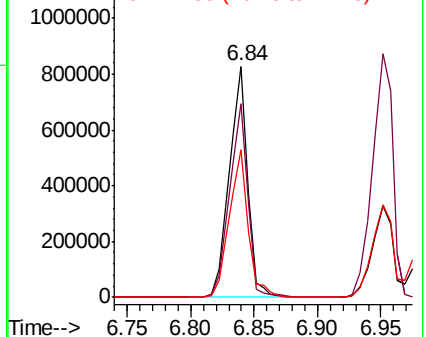
79 100

108 83.8 67.8 101.8

77 63.6 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: 39.044 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

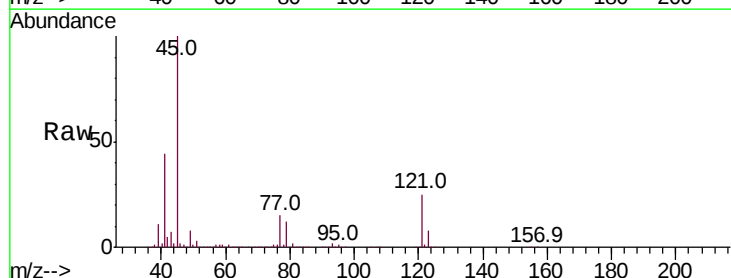
Tgt Ion: 45 Resp: 1407349

Ion Ratio Lower Upper

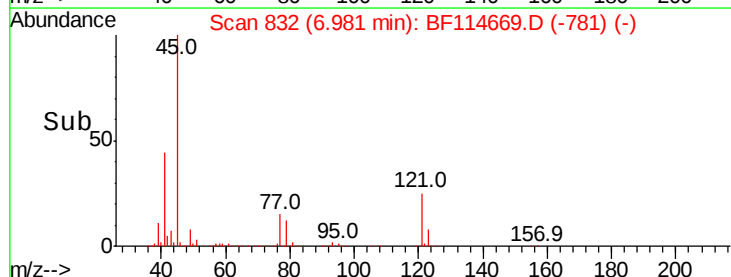
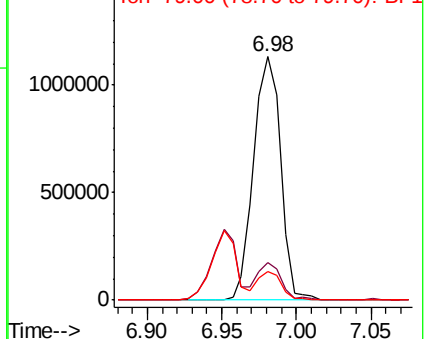
45 100

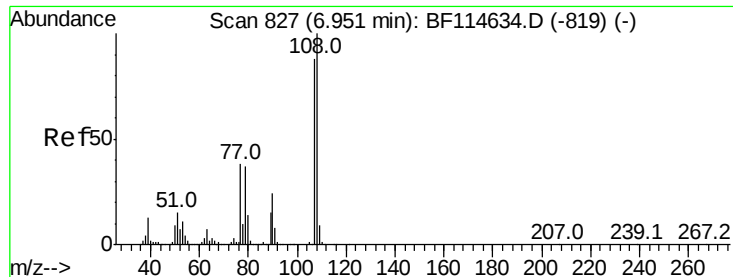
77 15.3 0.0 34.7

79 11.7 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

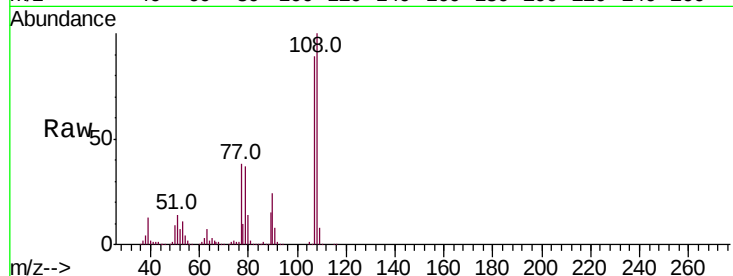




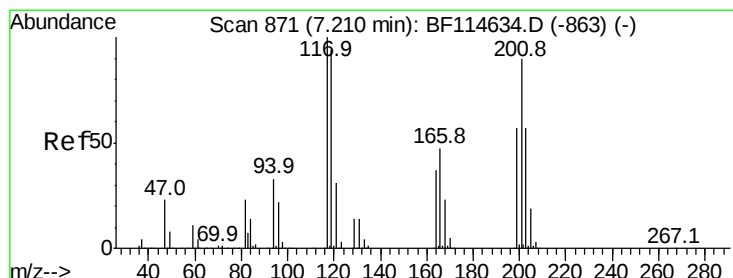
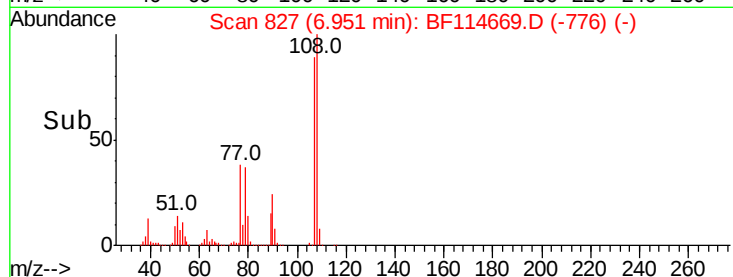
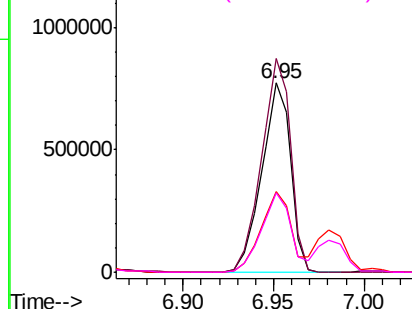
#17
2-Methylphenol
Concen: 41.262 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	850655
Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.1	136.7
77	42.9	34.9	52.3
79	42.1	33.8	50.6

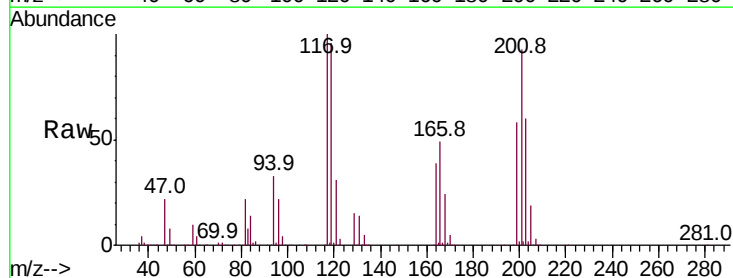


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

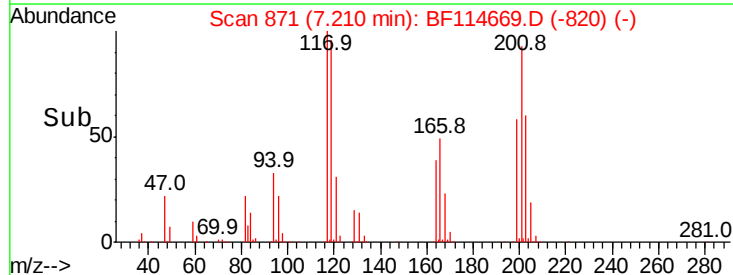
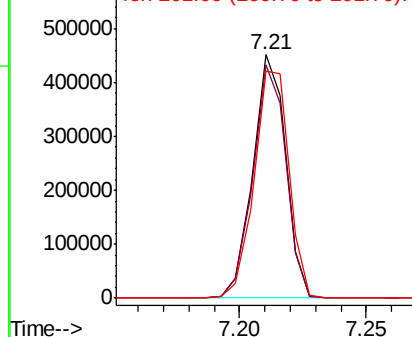


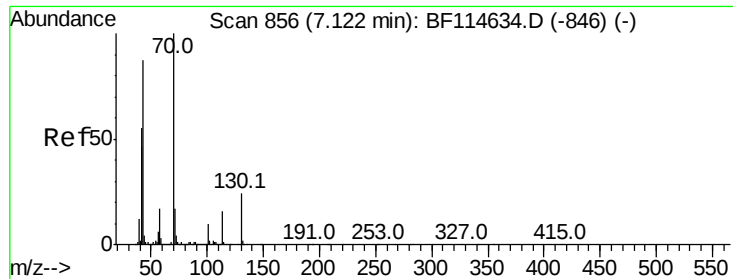
#18
Hexachloroethane
Concen: 38.747 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:	117	Resp:	408695
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.6	113.4
201	93.4	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

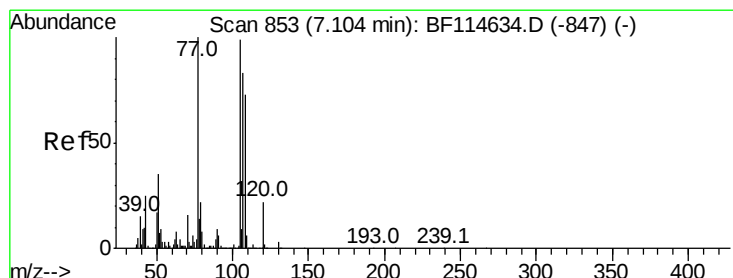
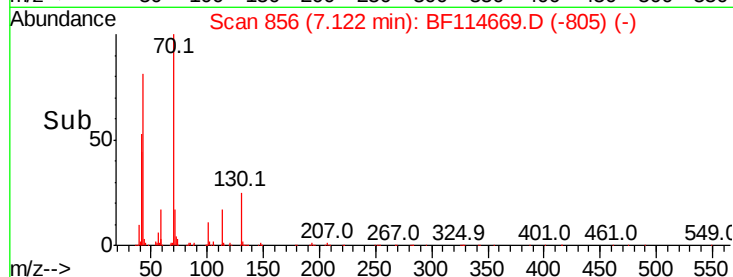
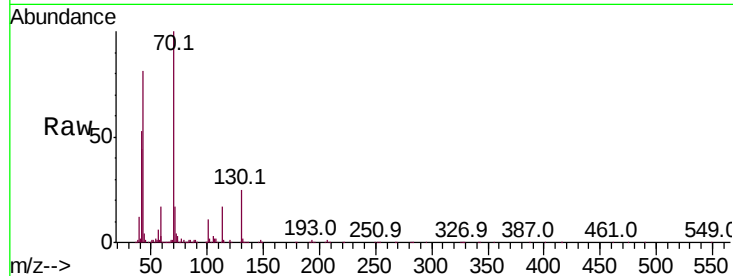
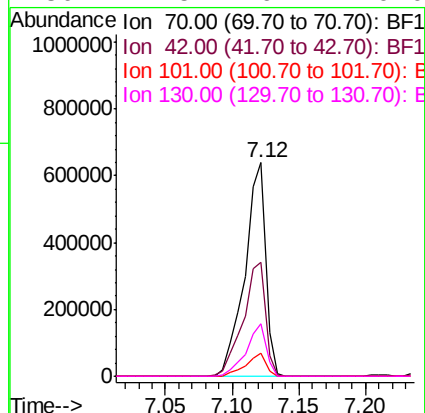




#19
n-Nitroso-di-n-propylamine
Concen: 39.422 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

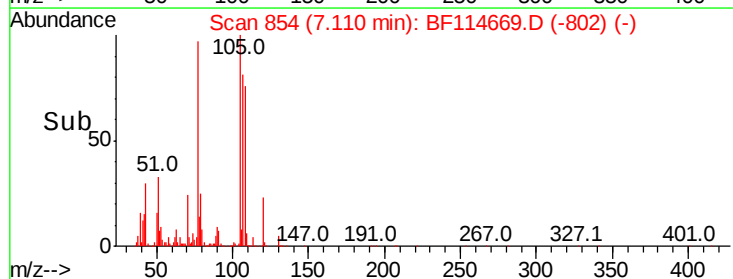
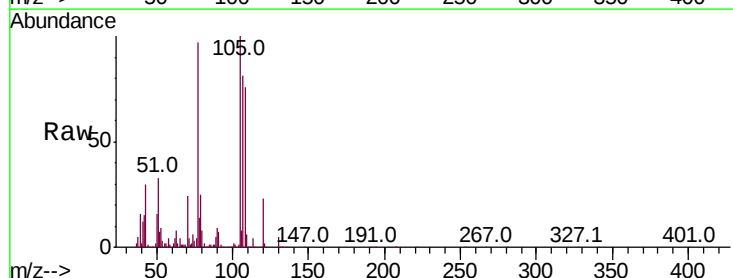
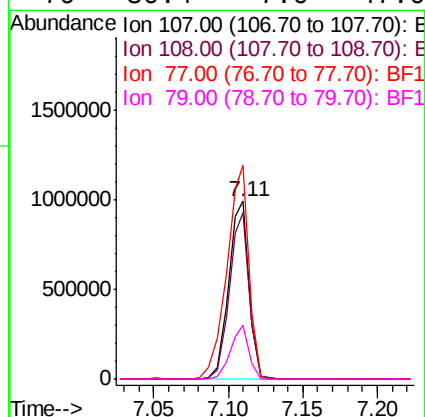
Instrument :
BNA_F
ClientSampled :

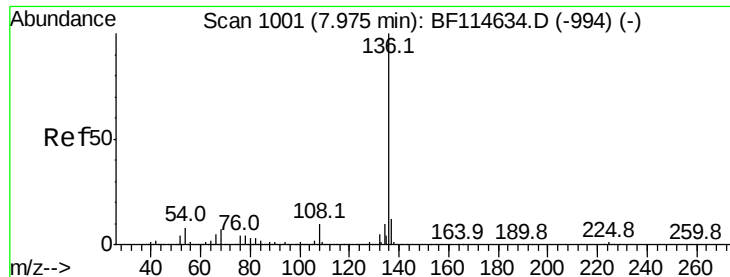
Tot Ion:	70	Resp:	692080
Ion	Ratio	Lower	Upper
70	100		
42	53.4	44.4	66.6
101	10.6	8.2	12.4
130	24.5	19.4	29.0



#20
3+4-Methylphenols
Concen: 39.280 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:	107	Resp:	952411
Ion	Ratio	Lower	Upper
107	100		
108	93.7	68.6	108.6
77	120.1	100.5	140.5
79	30.4	7.0	47.0

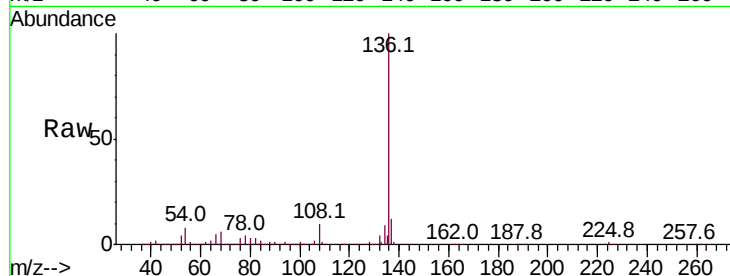




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1504629
Ion Ratio	Lower Upper
136 100	
137 11.7	9.3 13.9
54 7.6	6.3 9.5
68 6.3	5.4 8.0



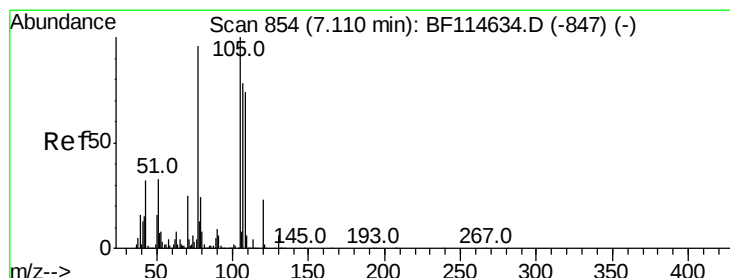
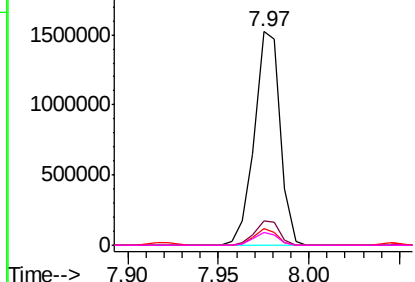
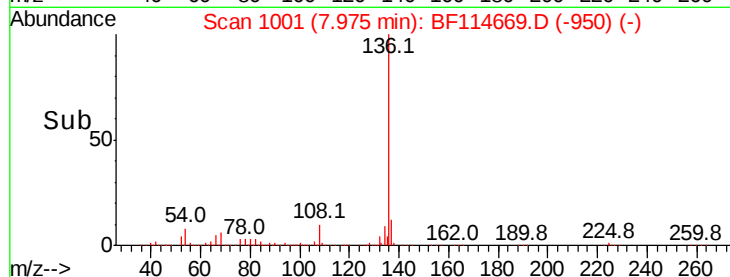
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

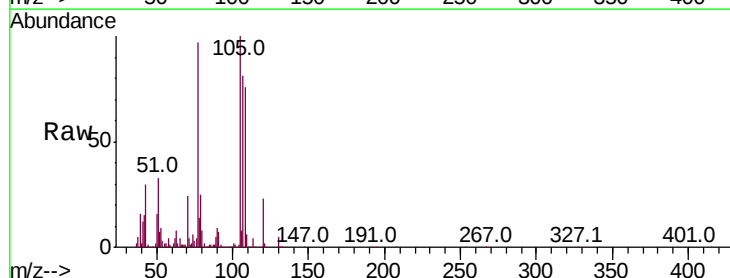
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.502 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt	Ion:105	Resp:	1298451
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.6	5.4
51	32.6	26.0	39.0
120	23.3	18.8	28.2



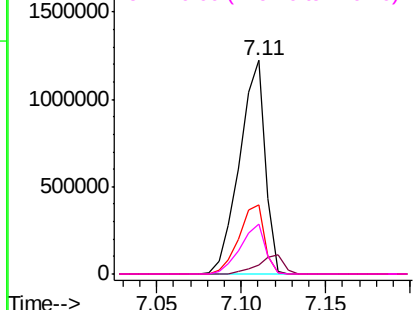
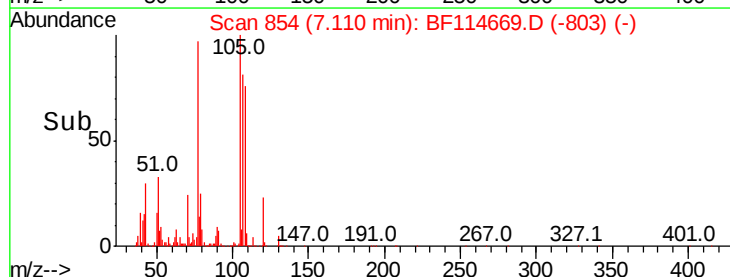
Abundance

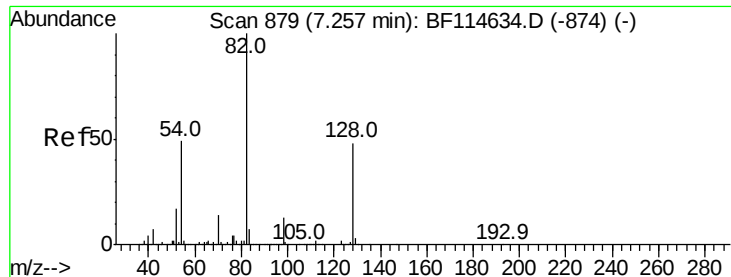
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

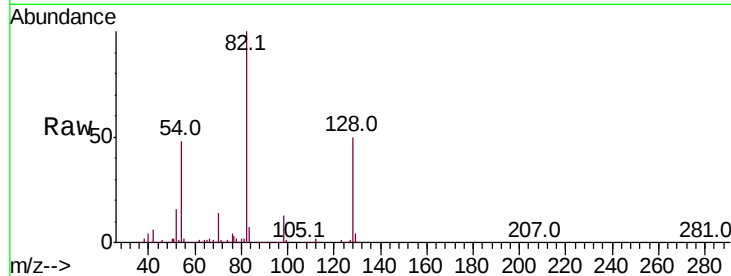




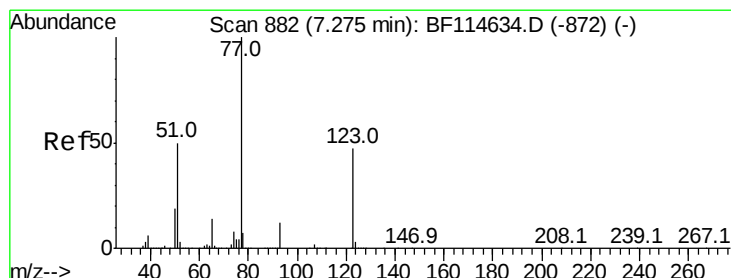
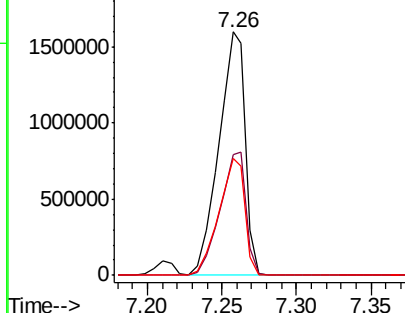
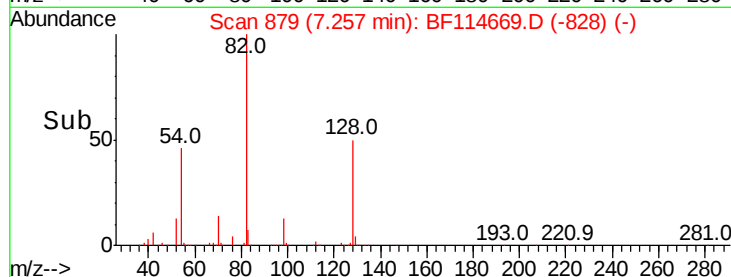
#23
 Nitrobenzene-d5
 Concen: 82.084 ng
 RT: 7.26 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1979602
 Ion Ratio Lower Upper
 82 100
 128 49.8 38.5 57.7
 54 48.0 39.1 58.7

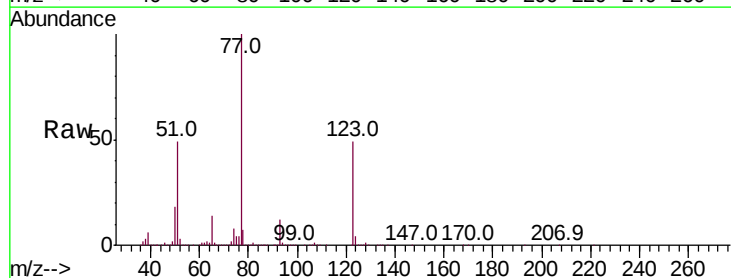


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

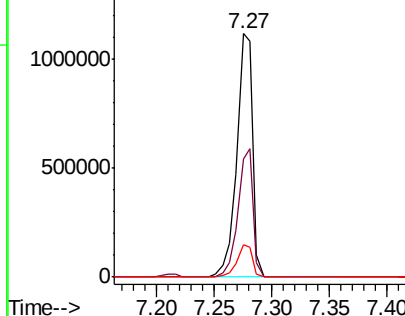
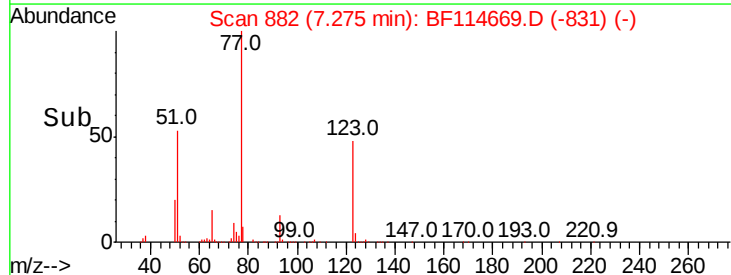


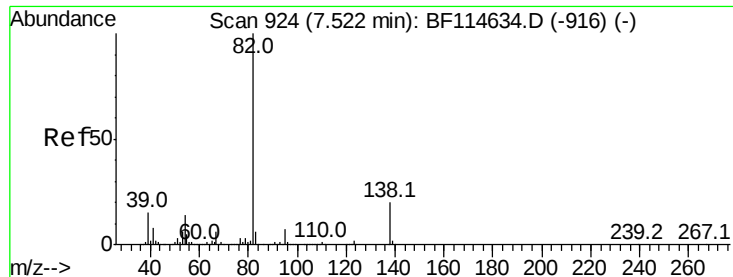
#24
 Nitrobenzene
 Concen: 41.263 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion: 77 Resp: 1057081
 Ion Ratio Lower Upper
 77 100
 123 48.7 38.5 57.7
 65 13.5 11.2 16.8



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





#25

Isophorone

Concen: 38.699 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

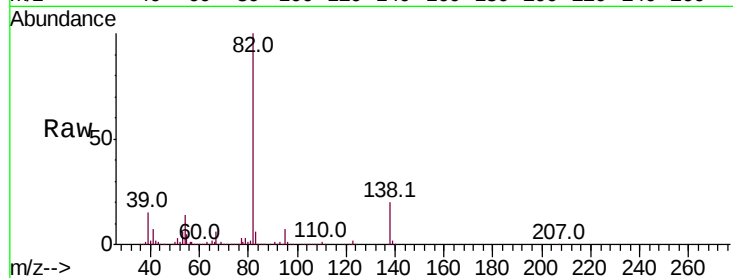
Tot Ion: 82 Resp: 1872992

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

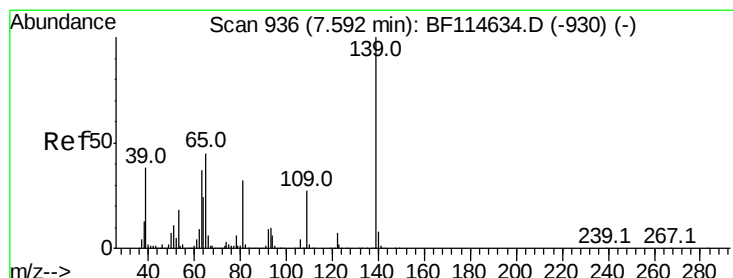
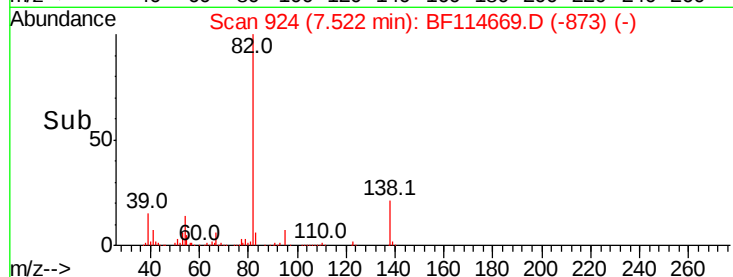
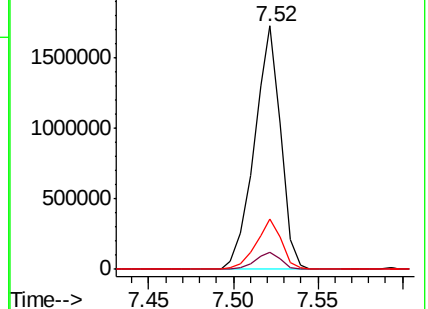
138 20.5 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 42.015 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

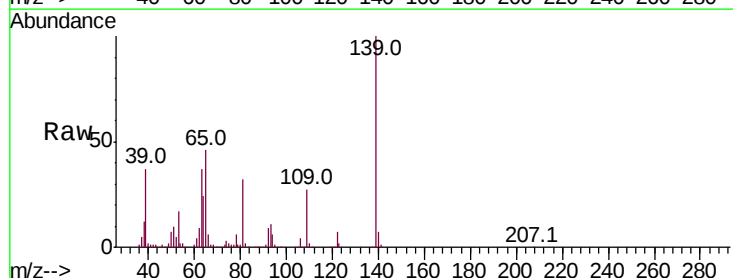
Tgt Ion:139 Resp: 523938

Ion Ratio Lower Upper

139 100

109 26.5 21.7 32.5

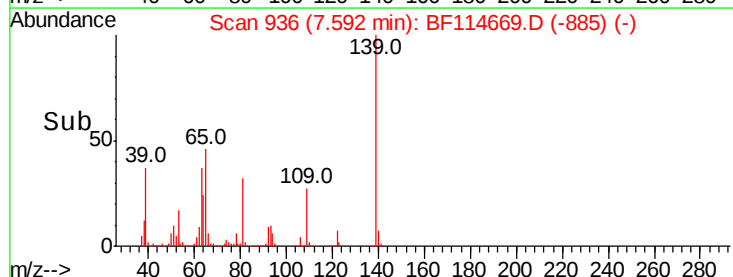
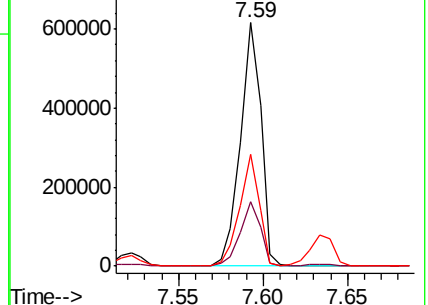
65 46.0 36.3 54.5

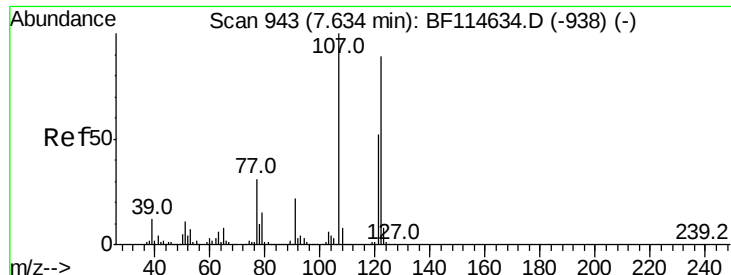


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.774 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

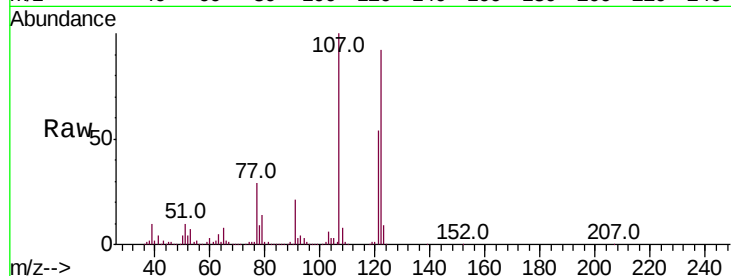
Tot Ion:122 Resp: 845626

Ion Ratio Lower Upper

122 100

107 108.8 89.3 133.9

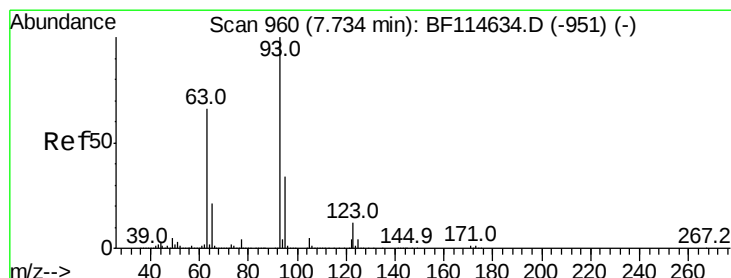
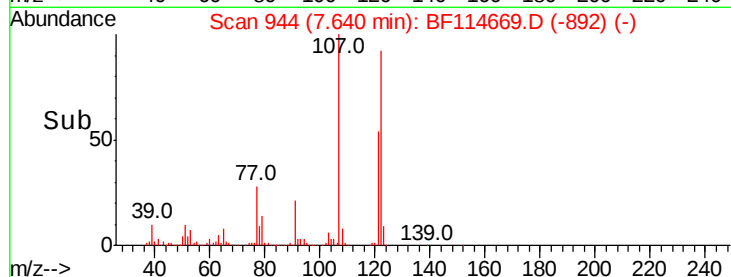
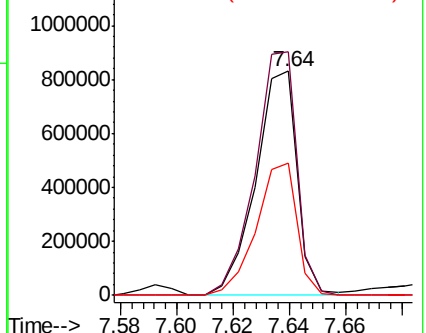
121 59.2 46.8 70.2



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: 39.841 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

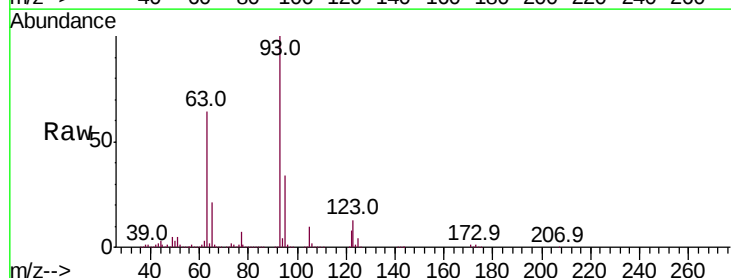
Tgt Ion: 93 Resp: 1227490

Ion Ratio Lower Upper

93 100

95 33.9 27.0 40.4

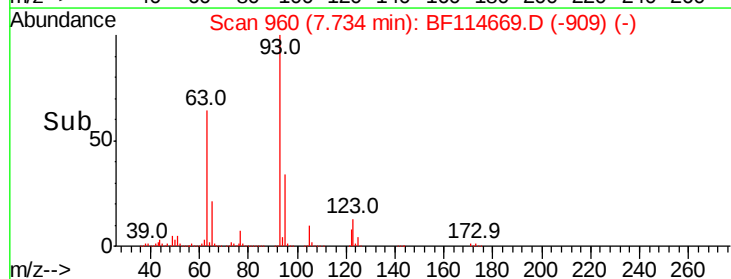
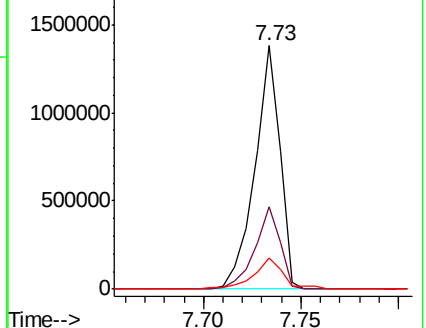
123 12.8 10.2 15.2

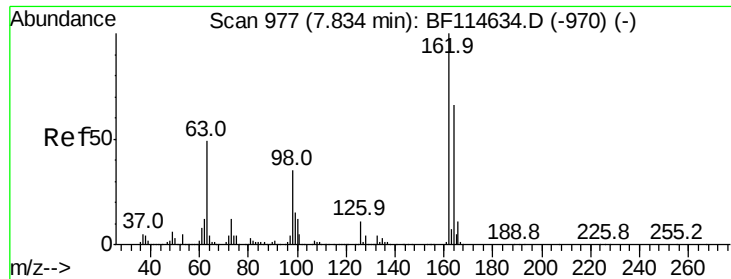


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.159 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BF114669.D

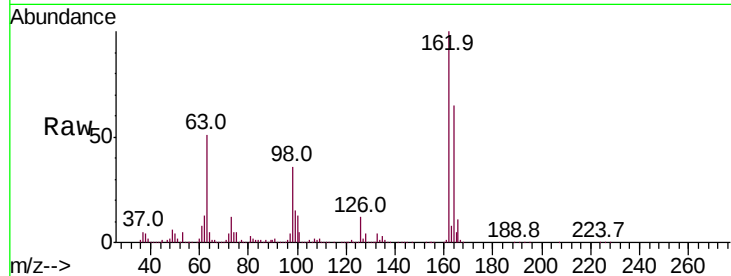
Acq: 30 May 2019 19:24

Instrument :

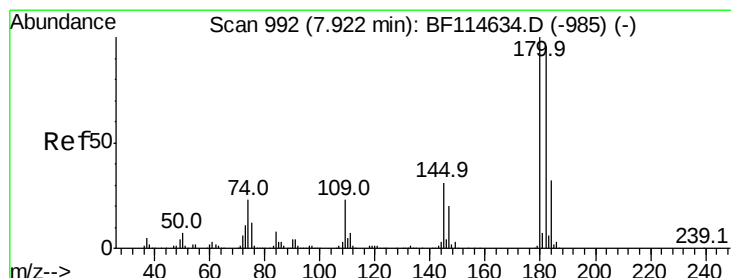
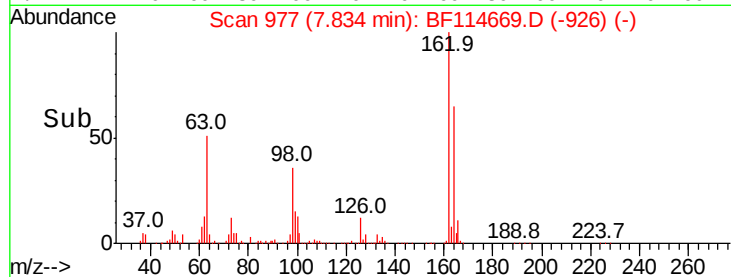
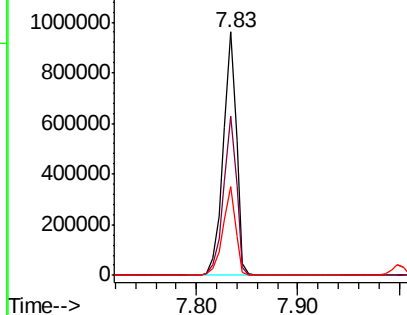
BNA_F

ClientSampleId :

Tot Ion:	162	Resp:	868858
Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.8	85.8
98	36.3	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: 41.906 ng

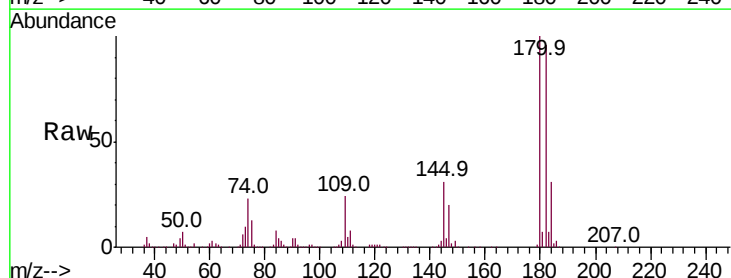
RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

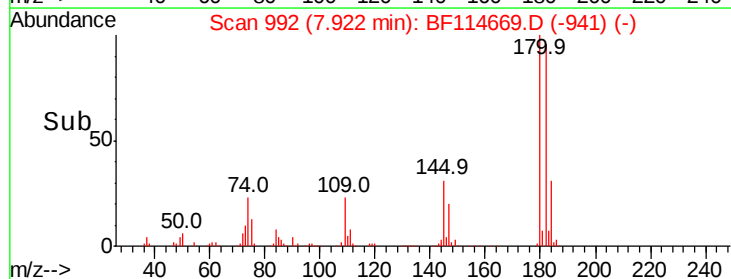
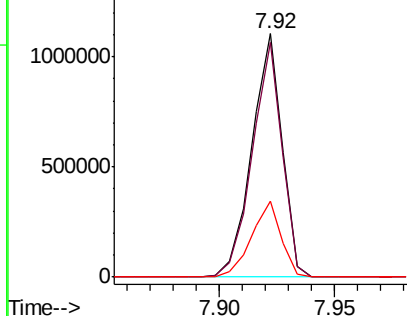
Lab File: BF114669.D

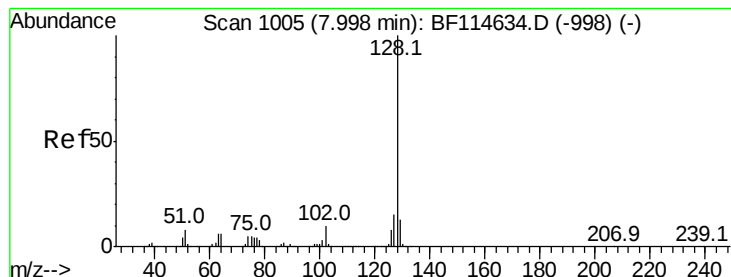
Acq: 30 May 2019 19:24

Tgt Ion:	180	Resp:	1007864
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.9	115.3
145	31.2	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: 40.067 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

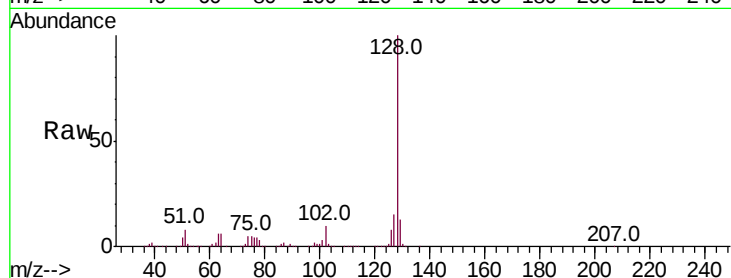
Tot Ion:128 Resp: 2776848

Ion Ratio Lower Upper

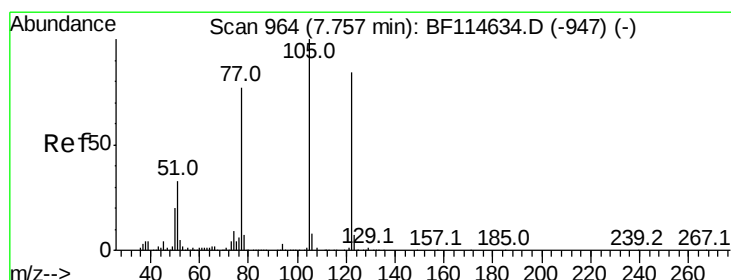
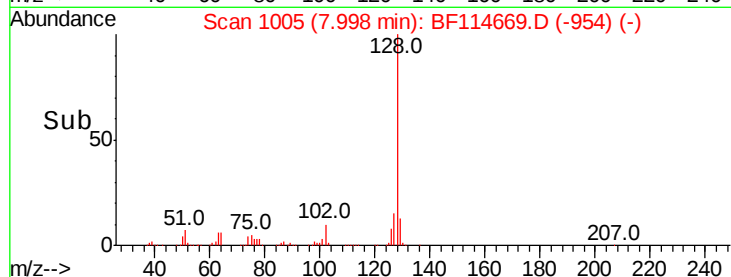
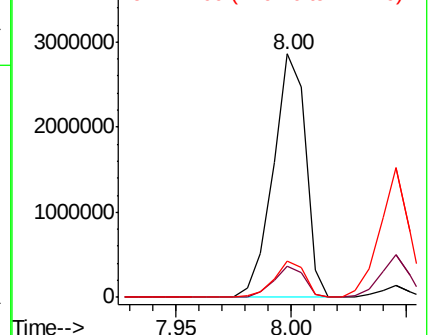
128 100

129 12.8 10.2 15.2

127 15.0 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: 40.634 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

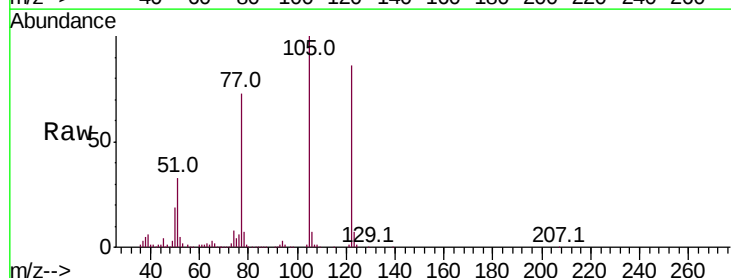
Tgt Ion:122 Resp: 547361

Ion Ratio Lower Upper

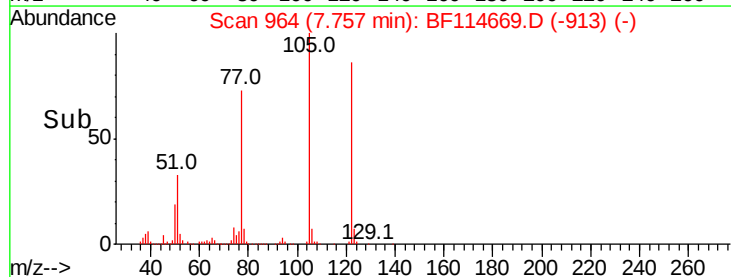
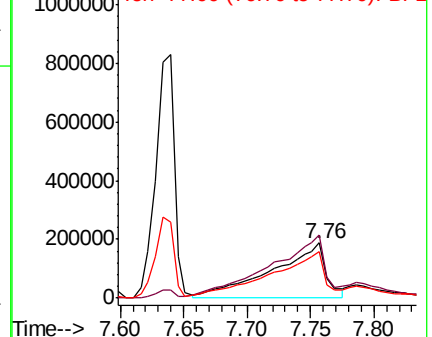
122 100

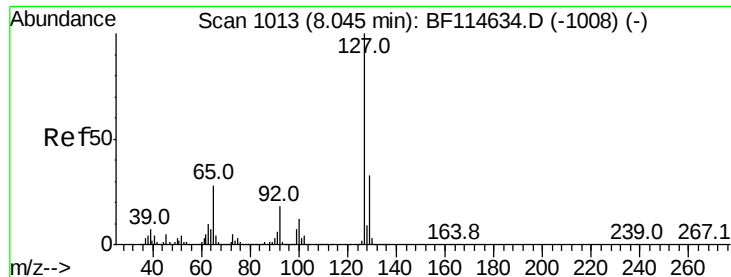
105 115.8 98.3 138.3

77 84.7 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

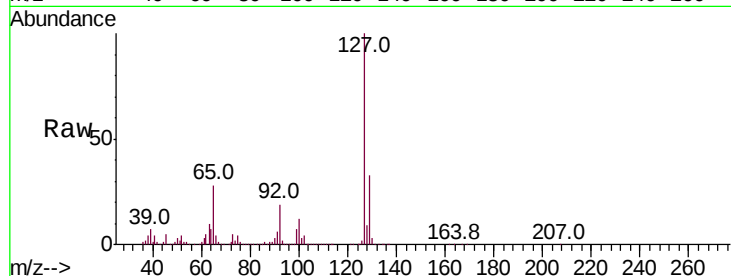




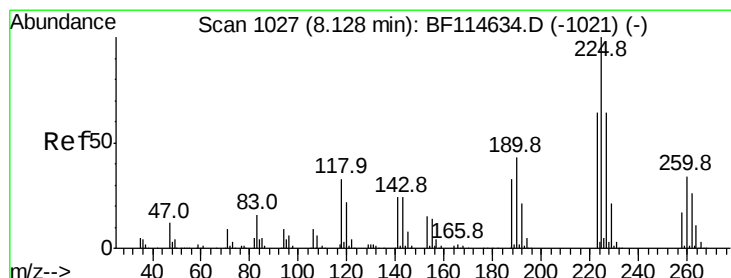
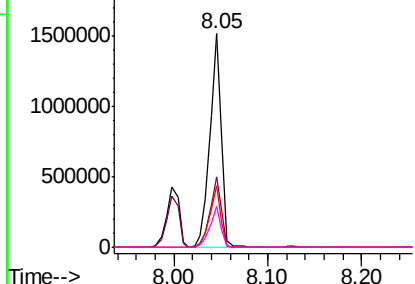
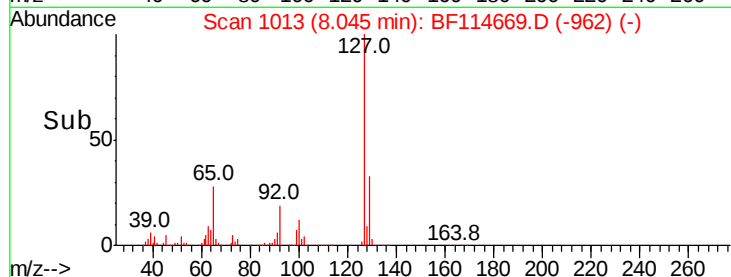
#33
4-Chloroaniline
Concen: 39.876 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp: 1316683
Ion Ratio	Lower Upper
127 100	
129 33.3	26.7 40.1
65 28.5	22.5 33.7
92 19.2	14.6 22.0

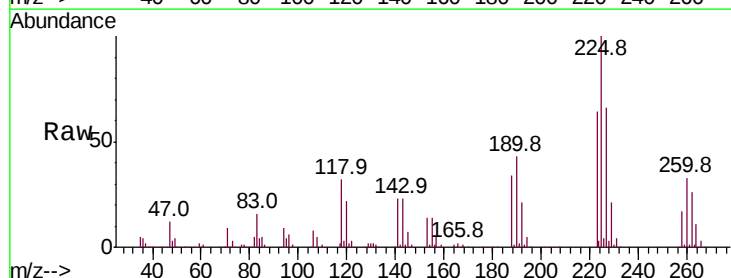


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

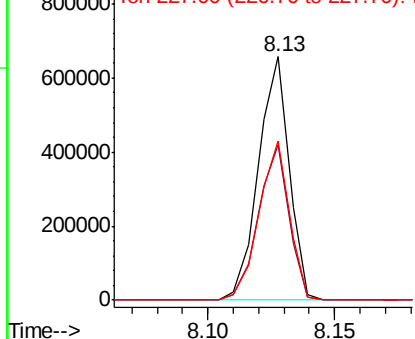
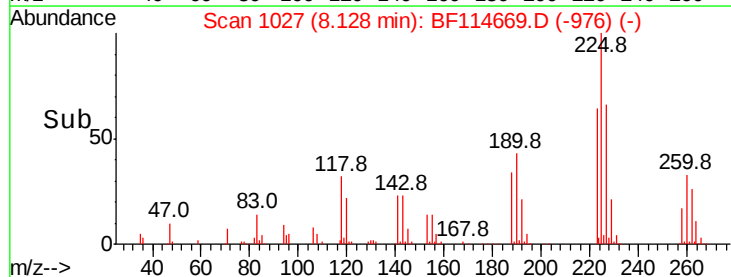


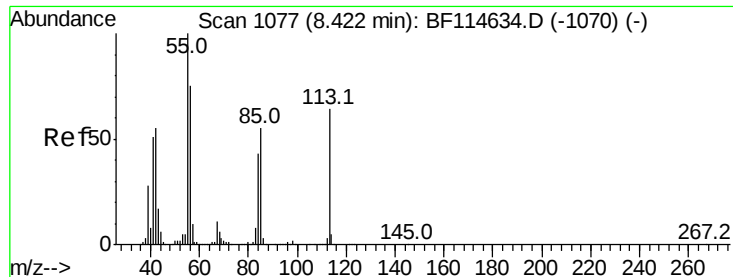
#34
Hexachlorobutadiene
Concen: 41.913 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt	Ion:225	Resp:	559975
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	65.6	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

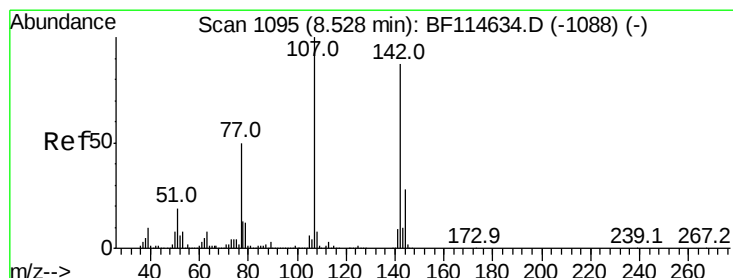
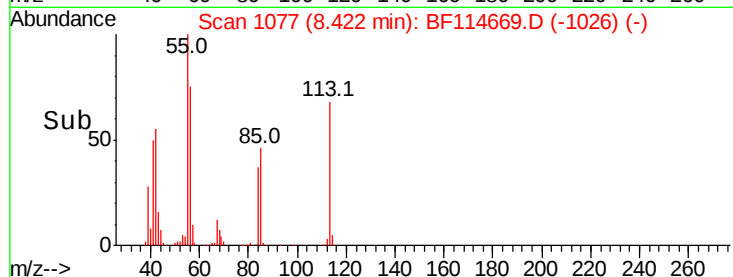
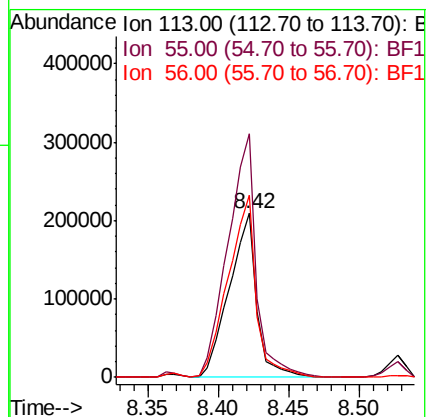
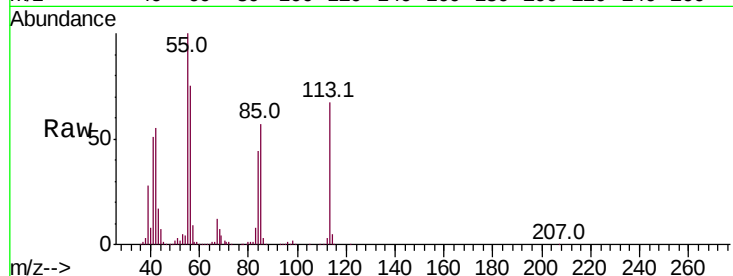




#35
 Caprolactam
 Concen: 39.943 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

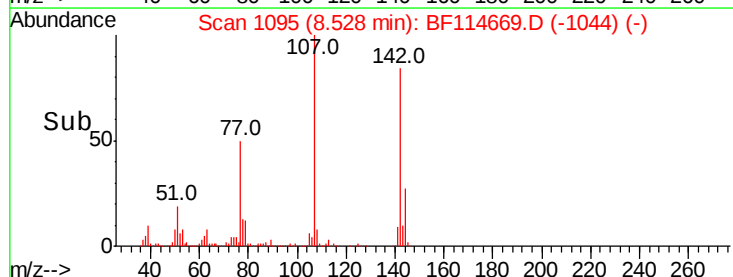
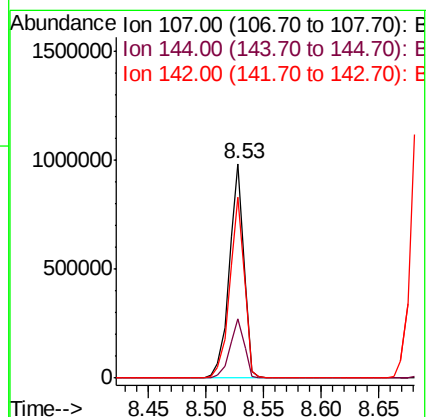
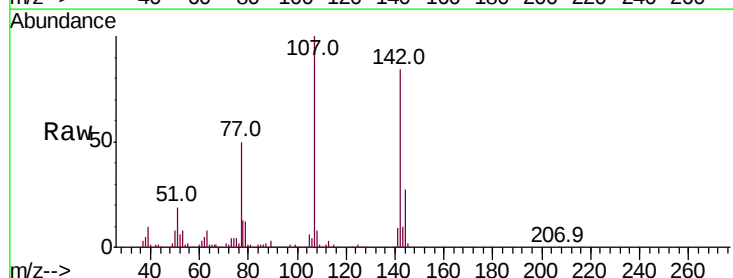
Instrument :
 BNA_F
 ClientSampleId :

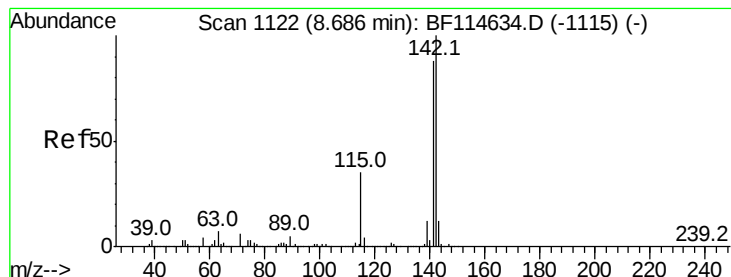
Tot Ion:113 Resp: 284548
 Ion Ratio Lower Upper
 113 100
 55 148.3 136.4 176.4
 56 111.3 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.634 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:107 Resp: 860212
 Ion Ratio Lower Upper
 107 100
 144 27.5 22.5 33.7
 142 84.2 69.8 104.6





#37

2-Methylnaphthalene

Concen: 41.056 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampled :

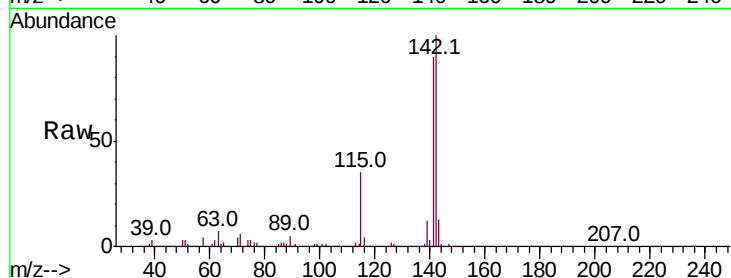
Tot Ion:142 Resp: 1890562

Ion Ratio Lower Upper

142 100

141 89.5 70.3 105.5

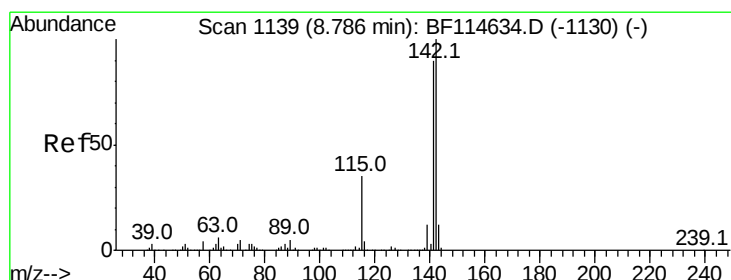
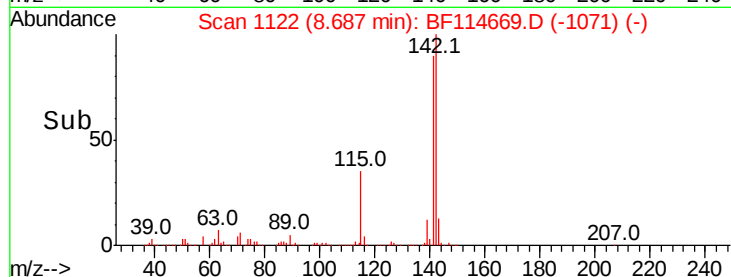
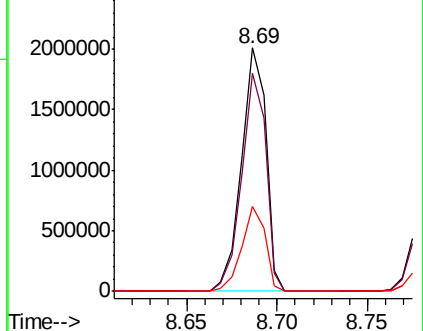
115 35.1 28.0 42.0



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: 40.908 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

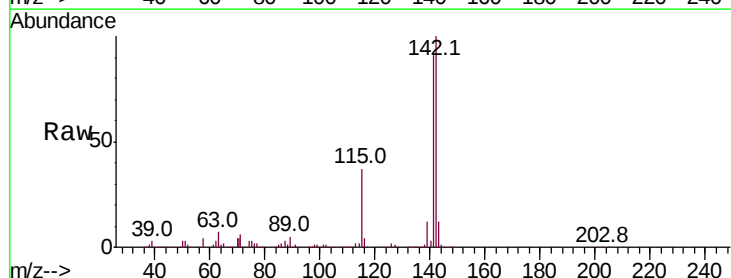
Tgt Ion:142 Resp: 1784787

Ion Ratio Lower Upper

142 100

141 91.0 72.3 108.5

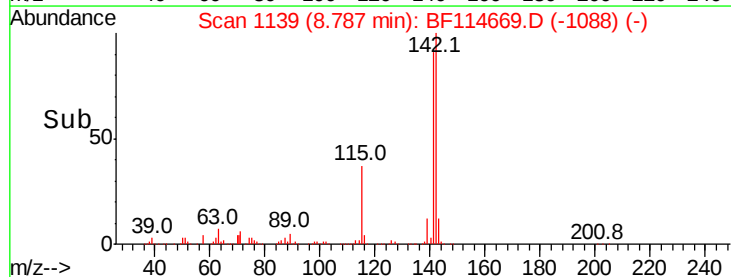
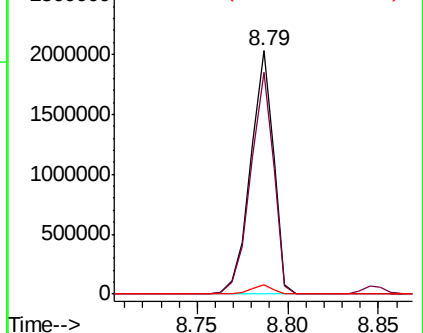
116 3.9 3.0 4.4

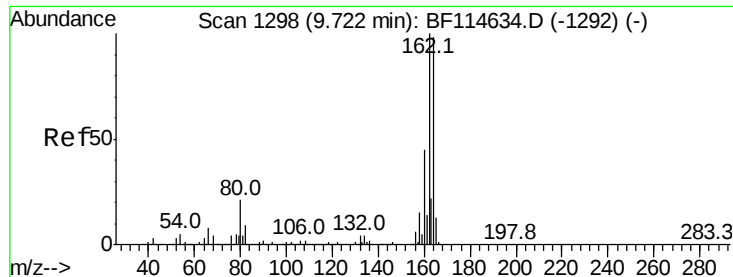


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampled :

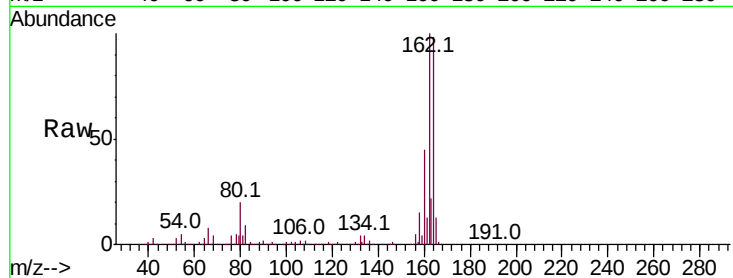
Tot Ion:164 Resp: 717201

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.2

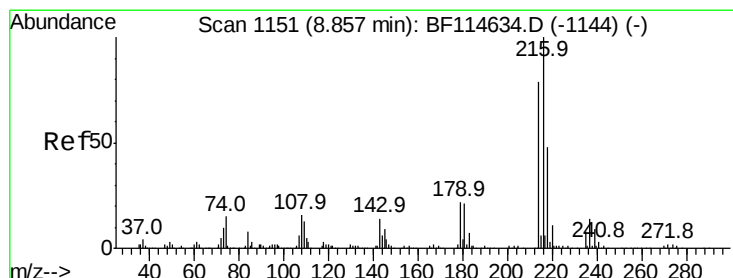
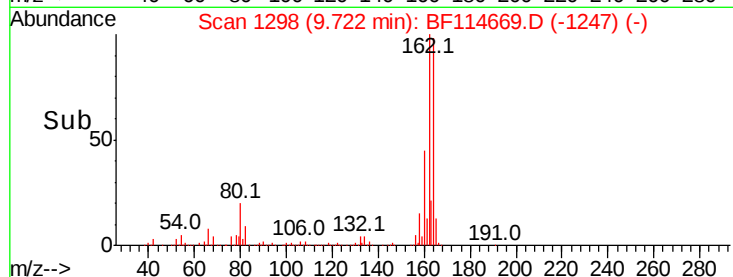
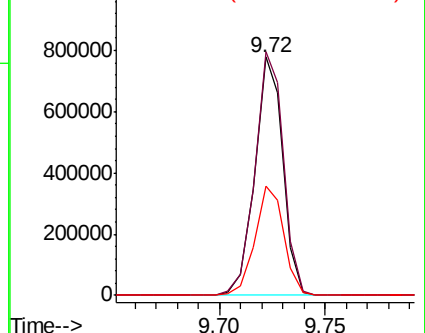
160 45.8 36.6 54.8



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: 44.285 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:216 Resp: 845816

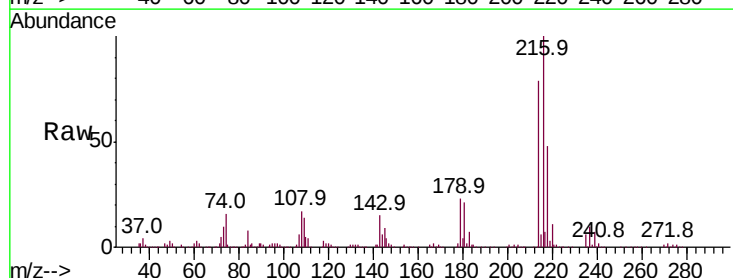
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 22.8 17.9 26.9

108 19.2 15.8 23.8

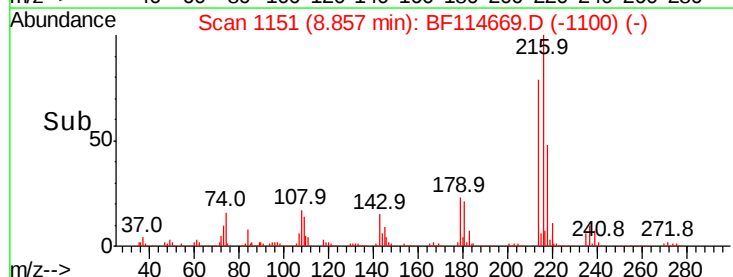
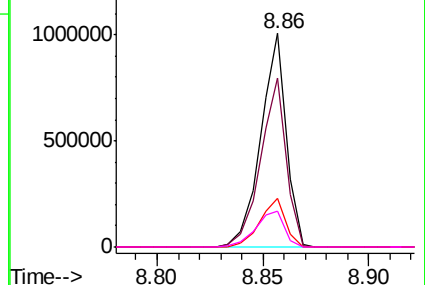


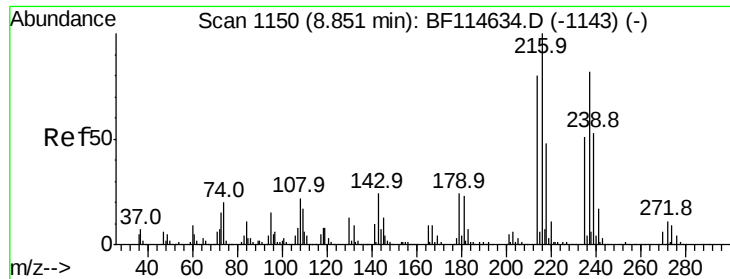
Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.471 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

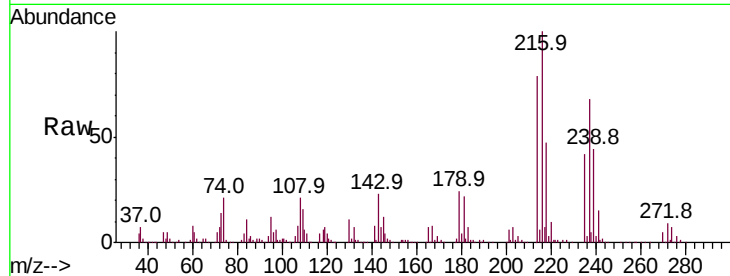
Tot Ion:237 Resp: 447688

Ion Ratio Lower Upper

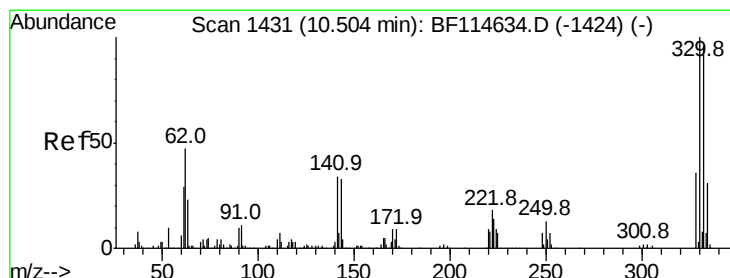
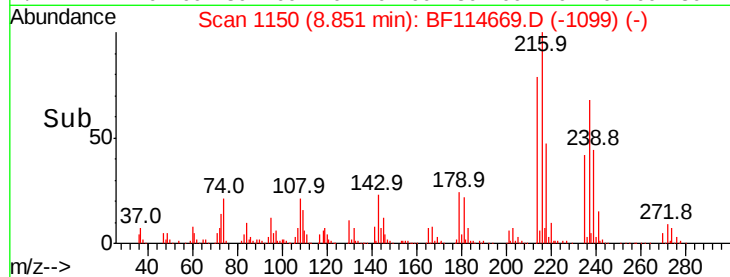
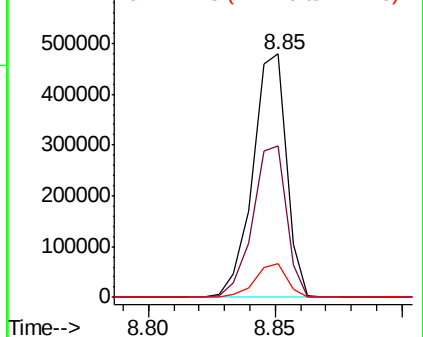
237 100

235 62.5 42.8 82.8

272 14.0 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: 83.125 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

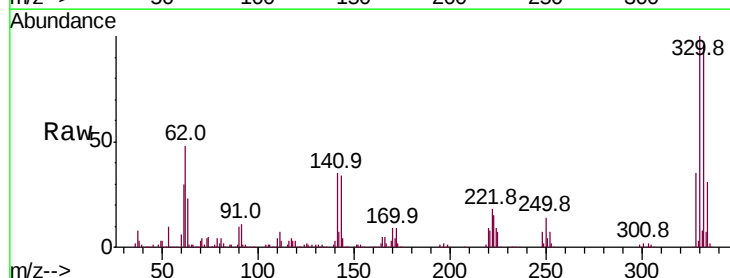
Tgt Ion:330 Resp: 568060

Ion Ratio Lower Upper

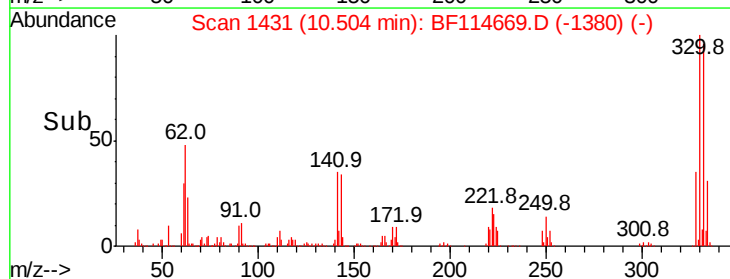
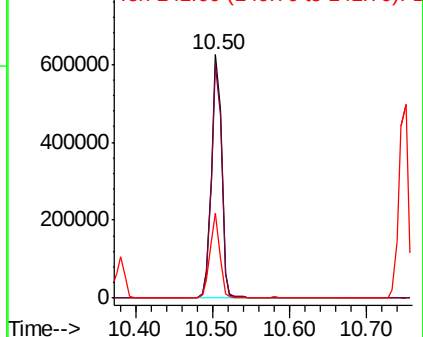
330 100

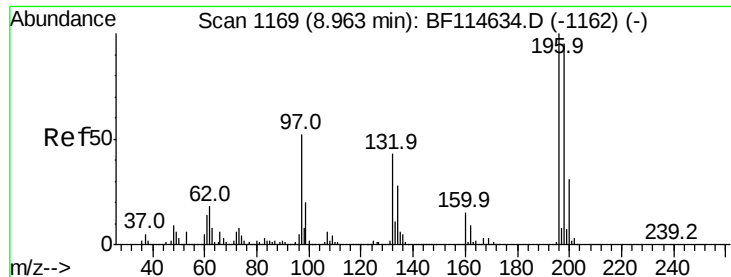
332 96.6 75.8 113.8

141 34.0 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

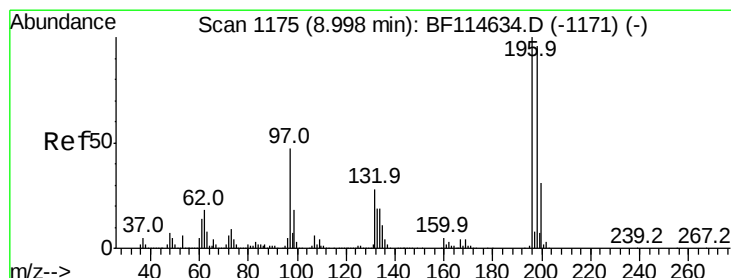
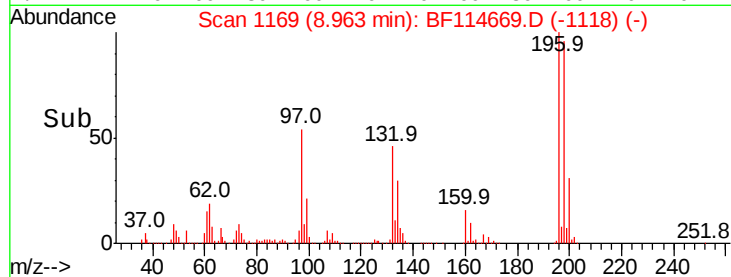
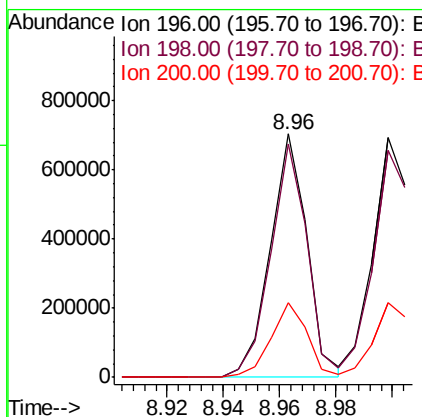
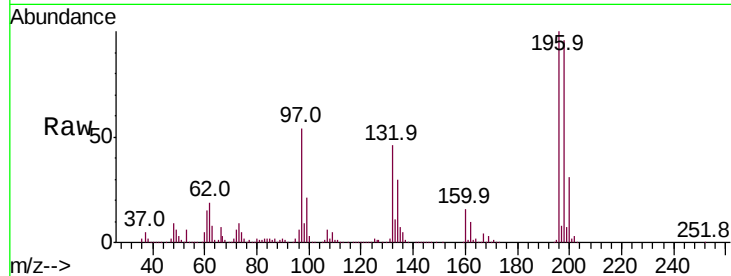




#43
 2,4,6-Trichlorophenol
 Concen: 42.156 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

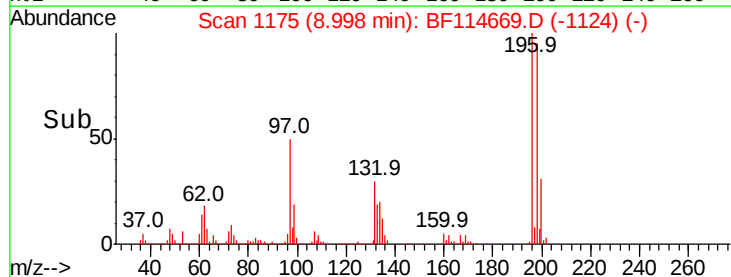
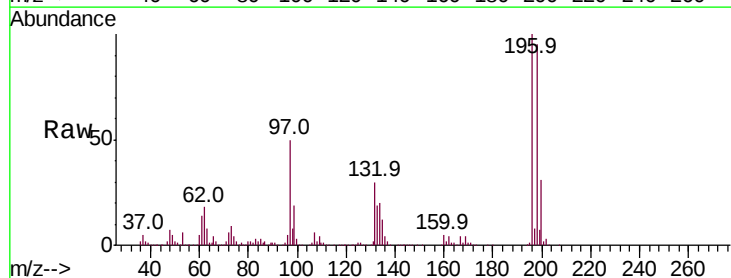
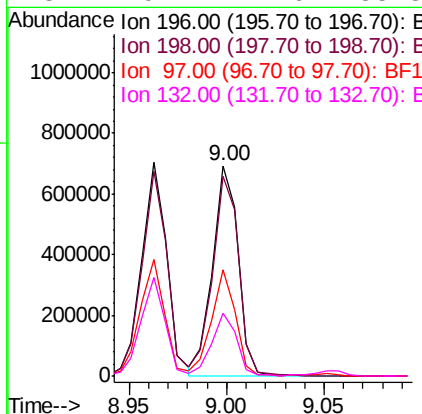
Instrument :
 BNA_F
 ClientSampled :

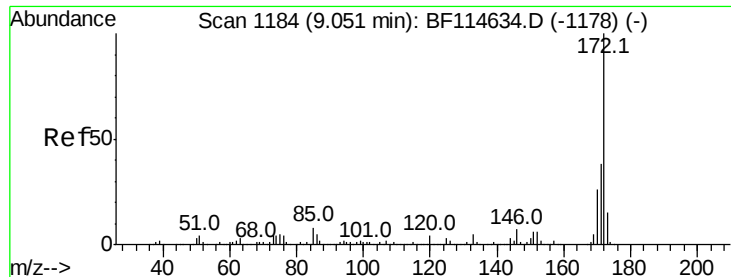
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.1	114.1
200	30.7	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 42.242 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.8	115.2
97	50.3	37.8	56.8
132	29.7	22.6	33.8



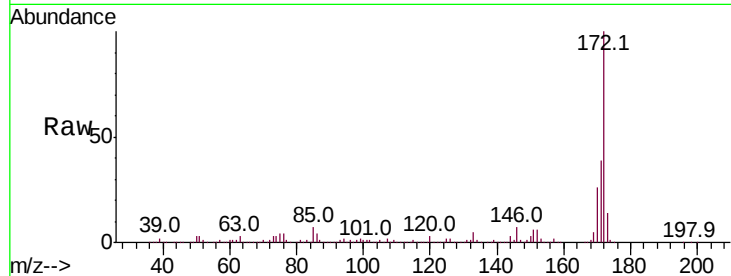


#45
 2-Fluorobiphenyl
 Concen: 87.399 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

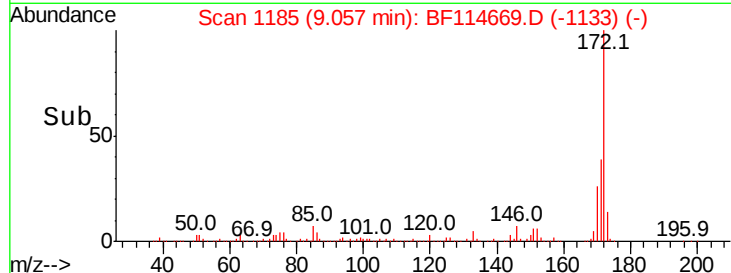
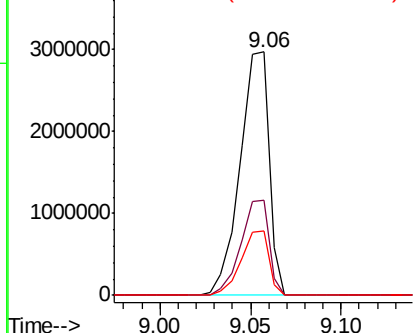
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 3319624

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.6	45.8
170	26.3	20.7	31.1



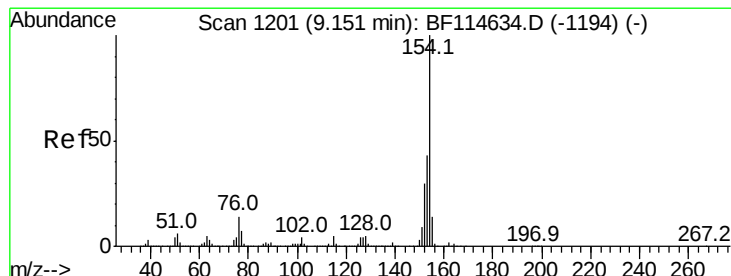
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



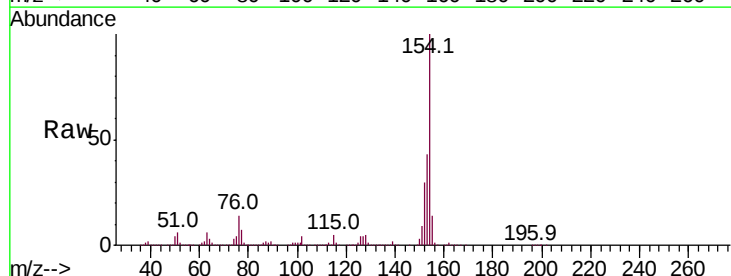
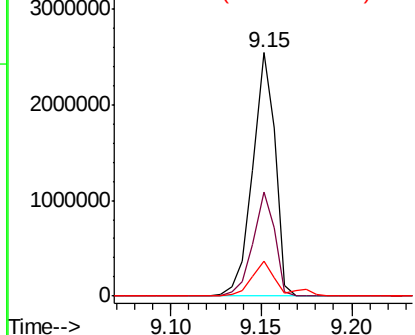
#46
 1,1'-Biphenyl
 Concen: 41.268 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

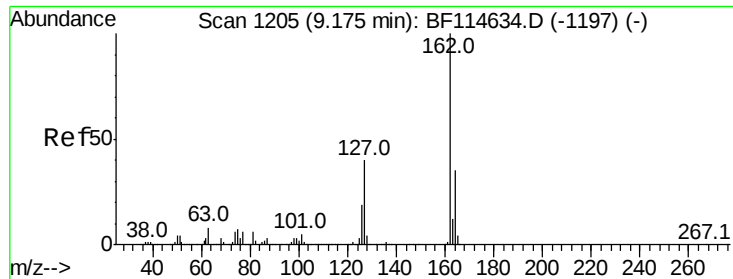
Tgt Ion:154 Resp: 2197020

Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.0	63.0
76	14.3	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

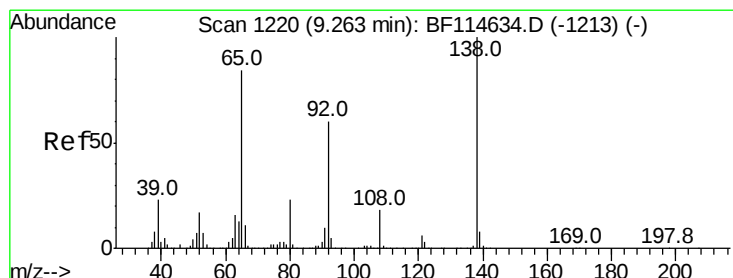
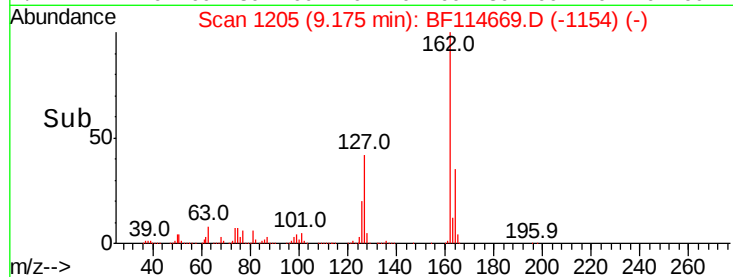
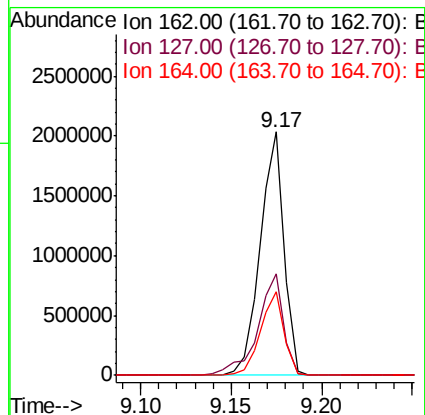
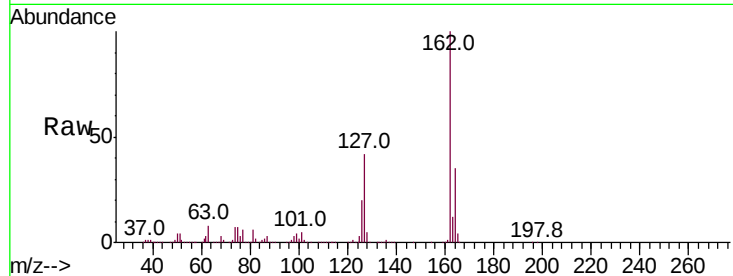




#47
 2-Chloronaphthalene
 Concen: 42.349 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

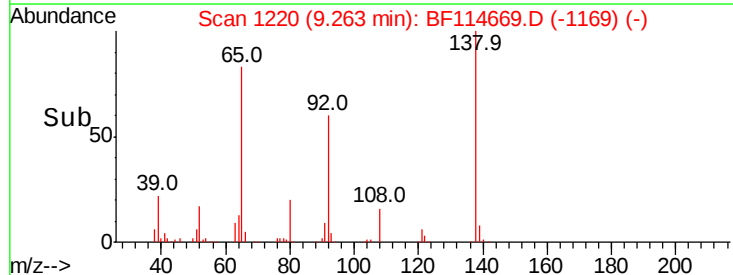
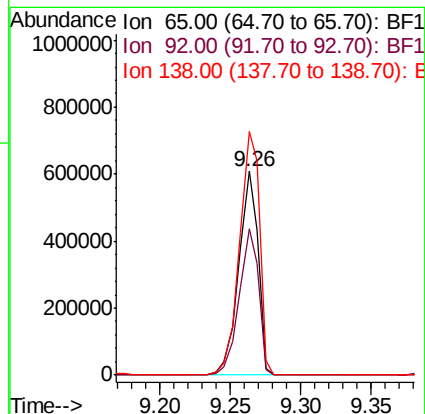
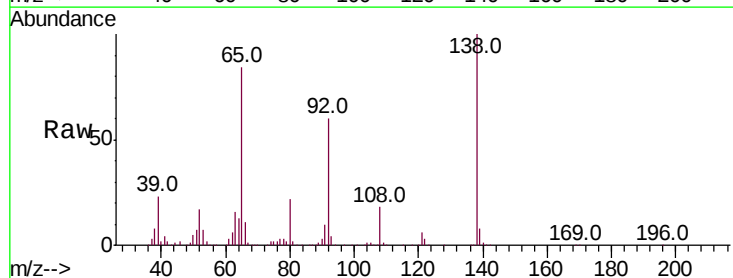
Instrument :
 BNA_F
 ClientSampleId :

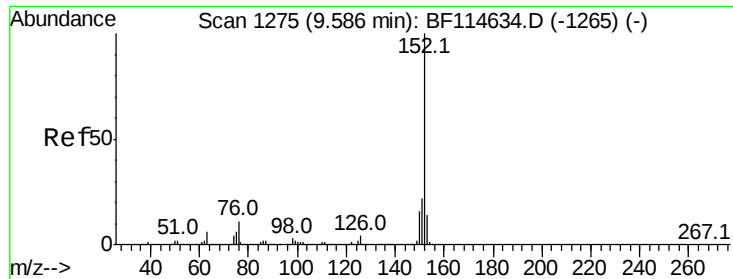
Tot Ion:162 Resp: 1849402
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.2 48.2
 164 34.5 27.8 41.6



#48
 2-Nitroaniline
 Concen: 42.830 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion: 65 Resp: 577210
 Ion Ratio Lower Upper
 65 100
 92 71.7 57.1 85.7
 138 119.4 95.8 143.6





#49

Acenaphthylene

Concen: 39.882 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

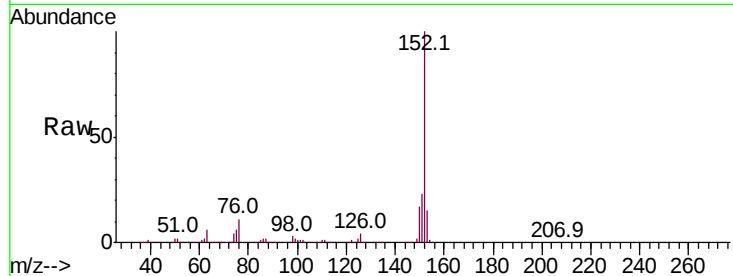
Tot Ion:152 Resp: 2690691

Ion Ratio Lower Upper

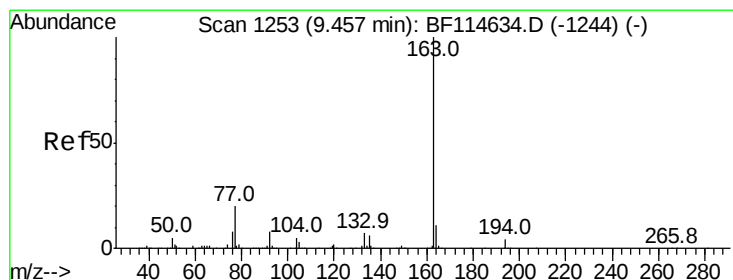
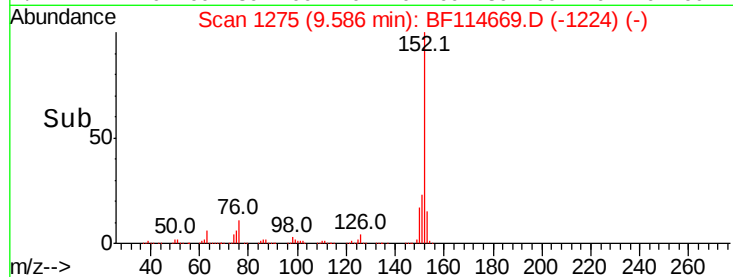
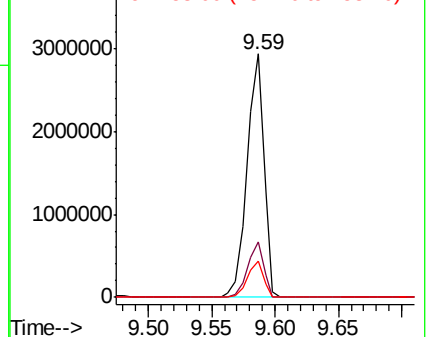
152 100

151 22.6 17.5 26.3

153 15.0 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: 41.810 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

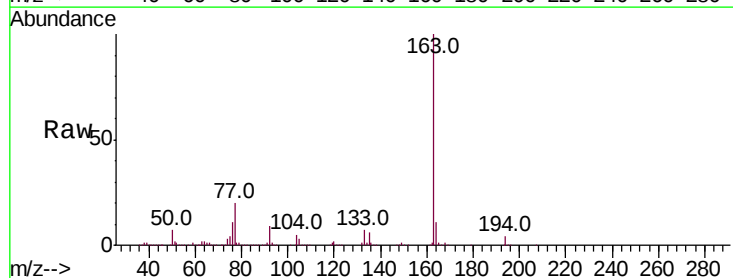
Tgt Ion:163 Resp: 2089465

Ion Ratio Lower Upper

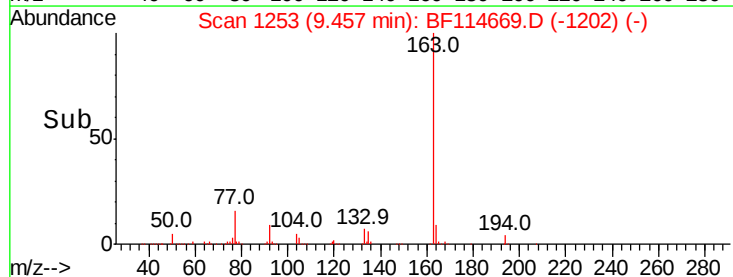
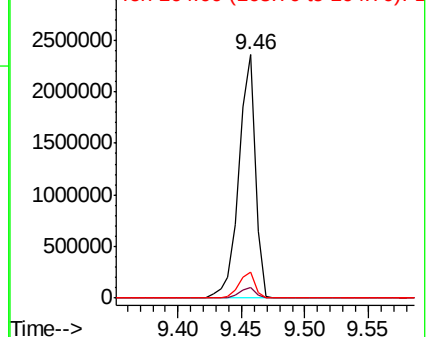
163 100

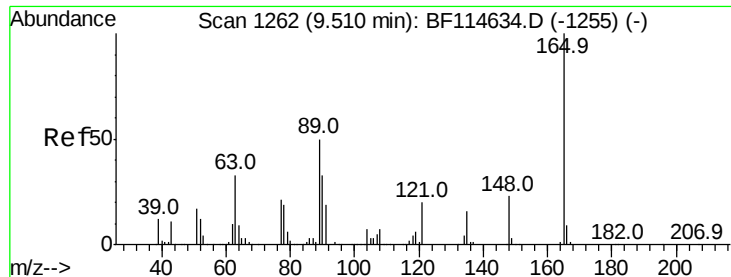
194 4.3 3.4 5.0

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

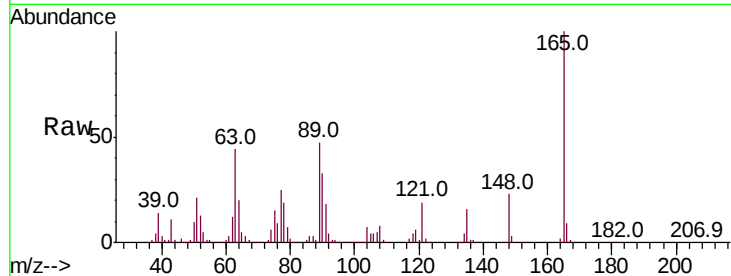




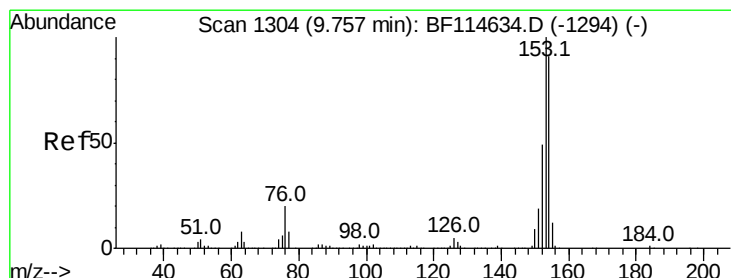
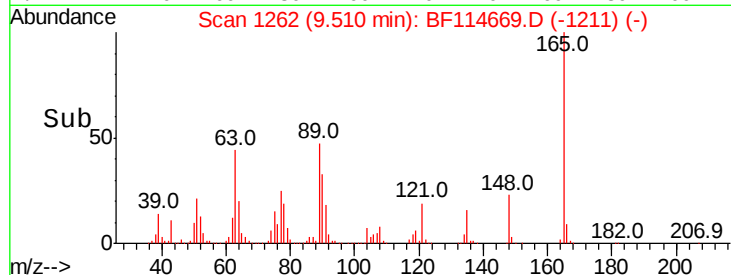
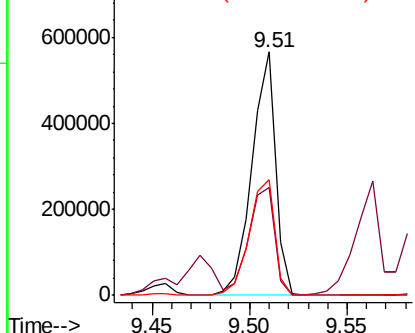
#51
 2,6-Dinitrotoluene
 Concen: 41.081 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 477051
 Ion Ratio Lower Upper
 165 100
 63 44.5 36.6 54.8
 89 47.4 40.2 60.4

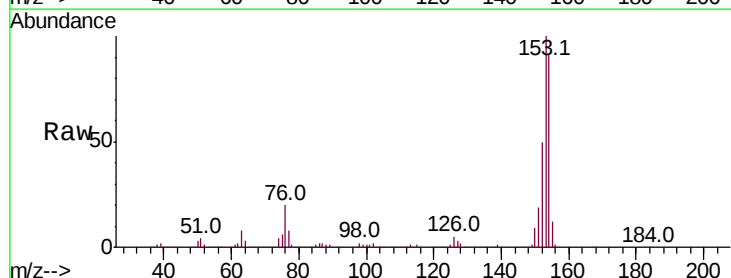


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

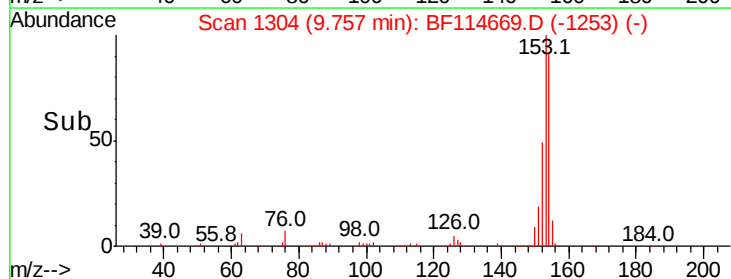
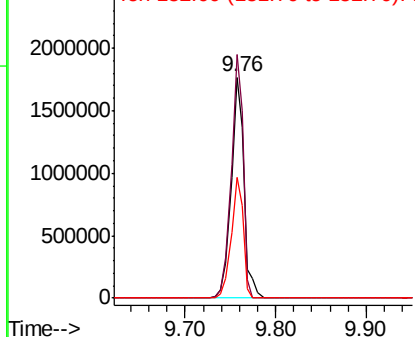


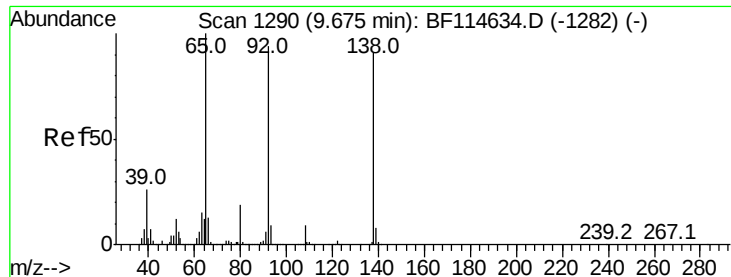
#52
 Acenaphthene
 Concen: 41.891 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:154 Resp: 1733258
 Ion Ratio Lower Upper
 154 100
 153 110.1 88.4 132.6
 152 54.5 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

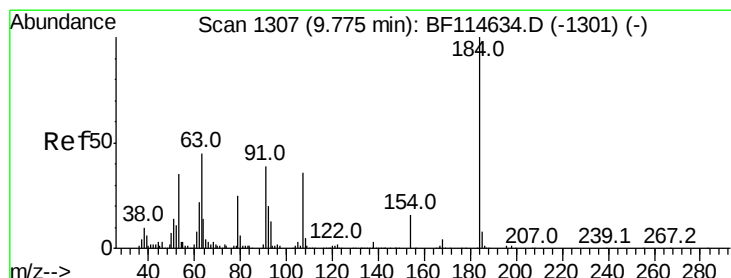
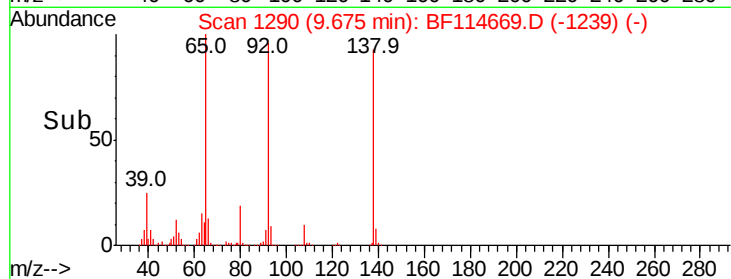
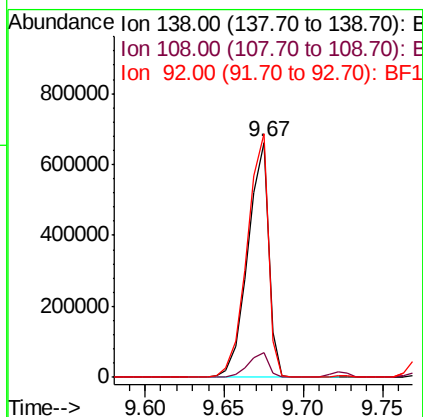
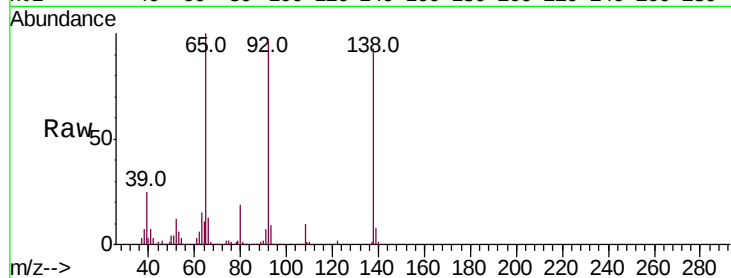




#53
3-Nitroaniline
Concen: 42.506 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

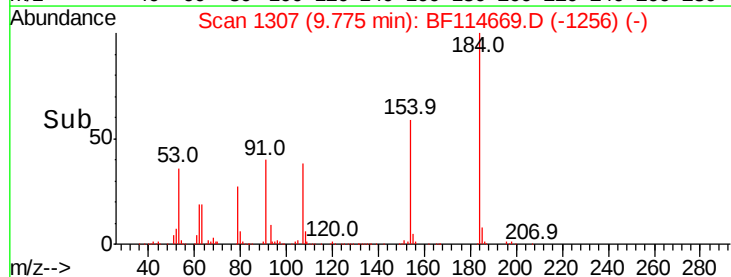
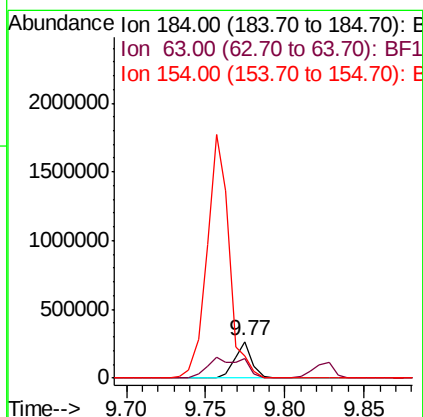
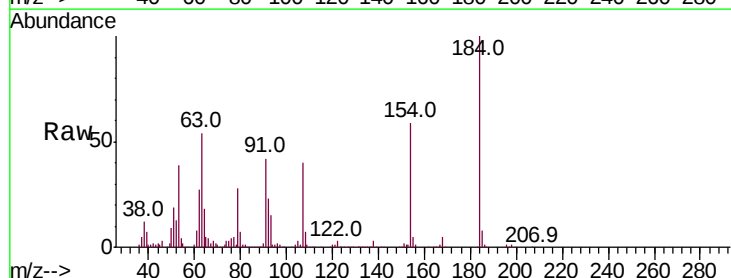
Instrument :
BNA_F
ClientSampleId :

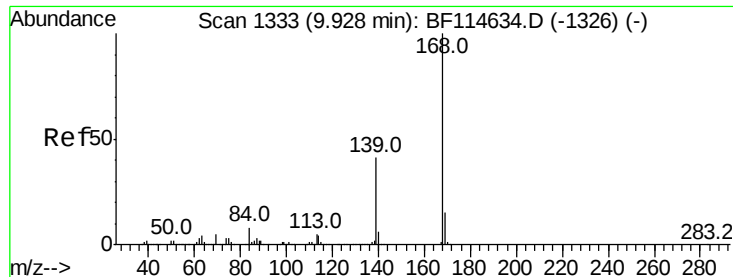
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.3	12.5
92	103.5	83.1	124.7



#54
2,4-Dinitrophenol
Concen: 43.107 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	38.8	58.2
154	59.2	43.7	65.5

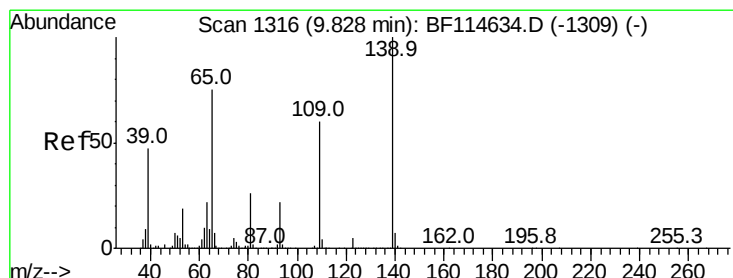
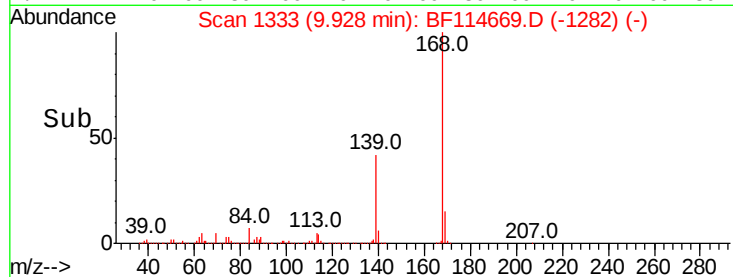
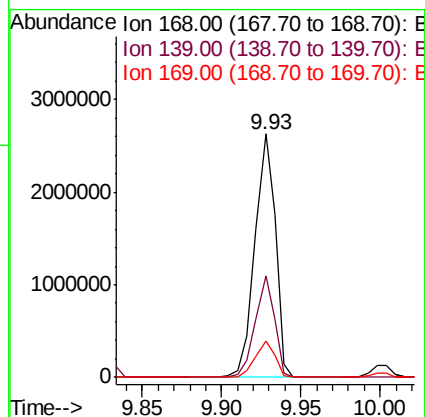
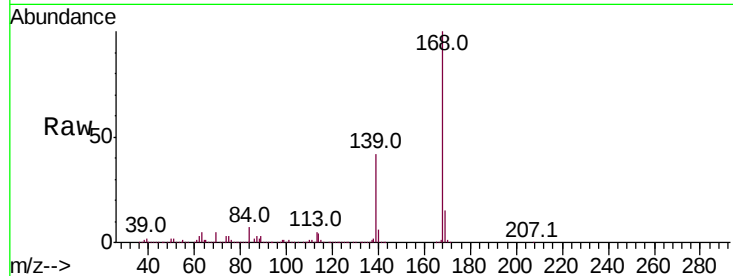




#55
Dibenzofuran
Concen: 39.977 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

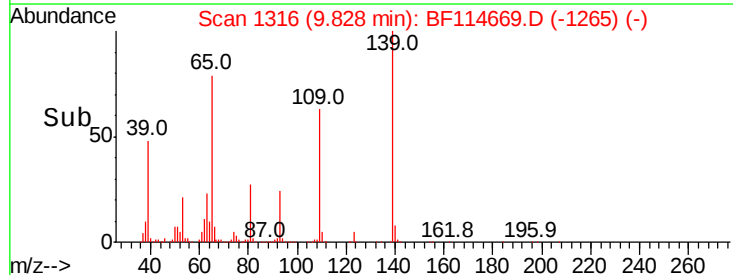
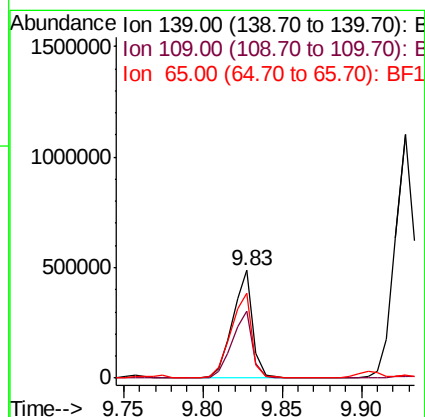
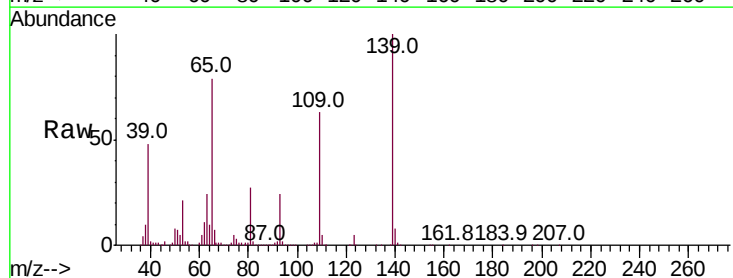
Instrument :
BNA_F
ClientSampleId :

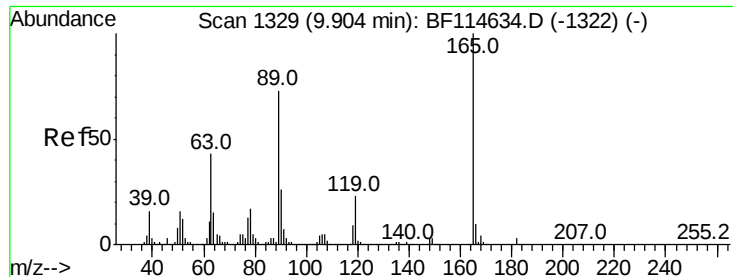
Tot Ion:168 Resp: 2354488
Ion Ratio Lower Upper
168 100
139 41.9 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 40.652 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:139 Resp: 428157
Ion Ratio Lower Upper
139 100
109 62.9 40.4 80.4
65 79.5 54.7 94.7

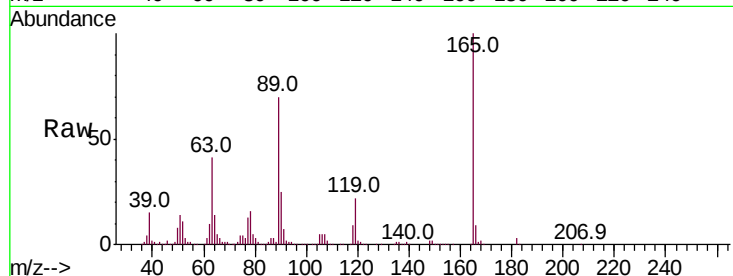




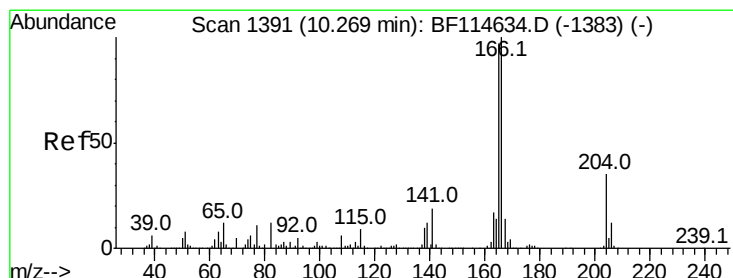
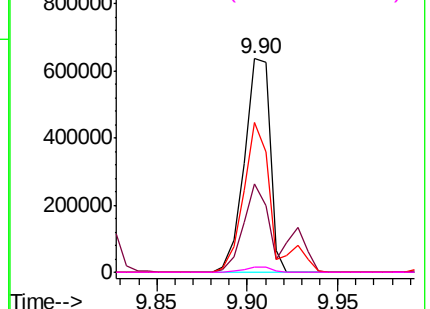
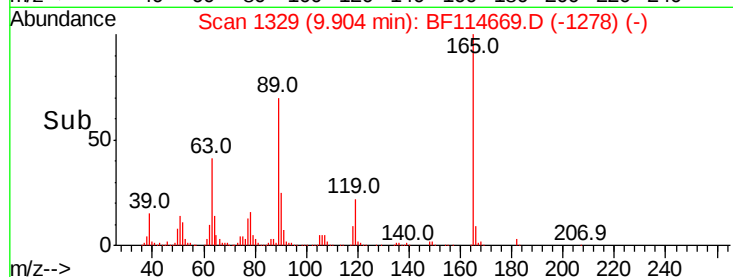
#57
 2,4-Dinitrotoluene
 Concen: 41.863 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	623899
Ion Ratio	Lower	Upper
165	100	
63	41.4	34.8 52.2
89	70.2	58.5 87.7
182	2.6	2.2 3.2

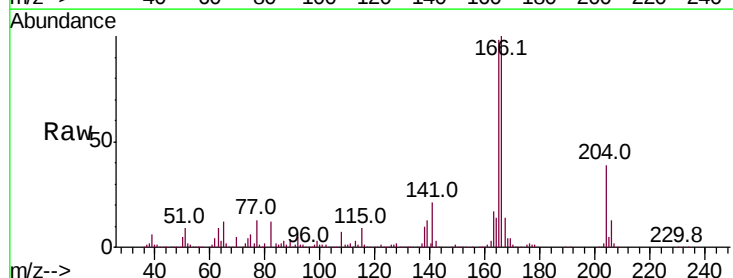


Abundance Ion 165.00 (164.70 to 165.70): E
 1000000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

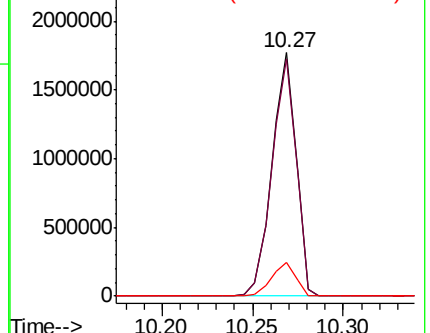
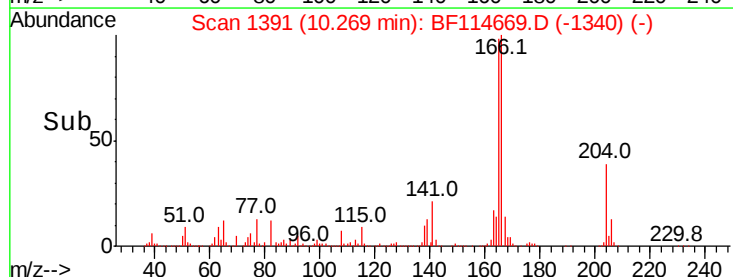


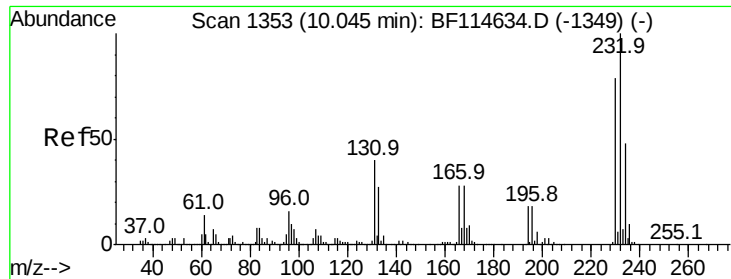
#58
 Fluorene
 Concen: 40.951 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:166	Resp:	1634301
Ion Ratio	Lower	Upper
166	100	
165	97.5	77.6 116.4
167	14.1	11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 2000000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

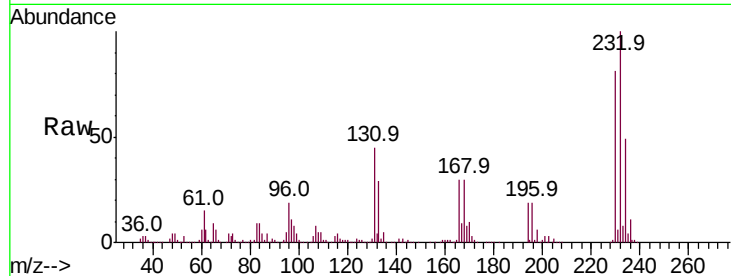




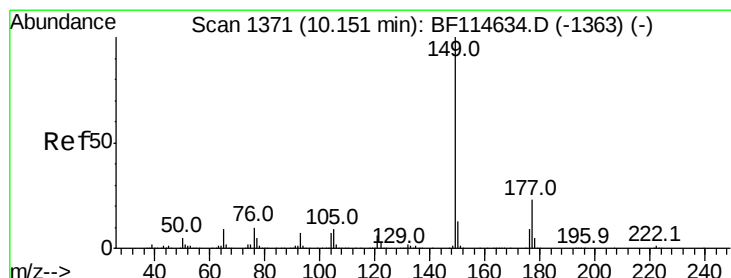
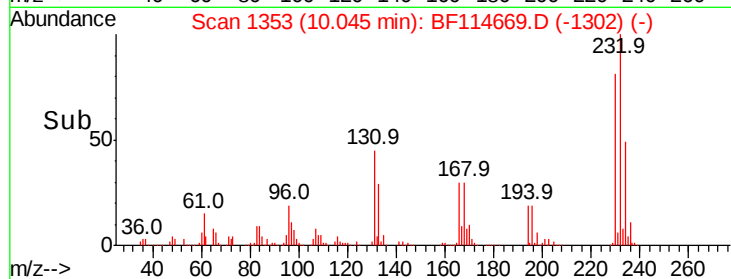
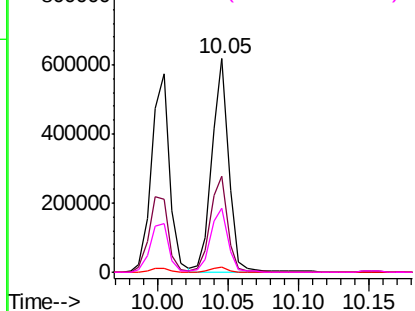
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.459 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	508914
Ion	Ratio	Lower	Upper
232	100		
131	46.7	37.2	55.8
130	2.3	1.8	2.8
166	30.9	24.8	37.2

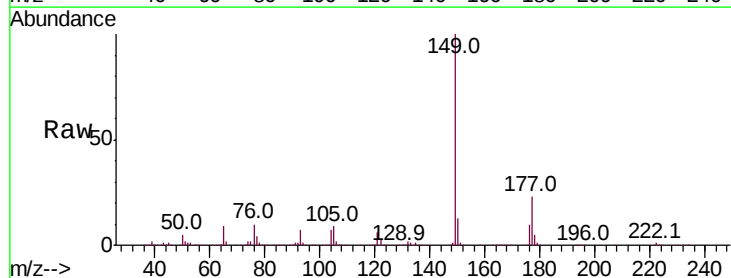


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

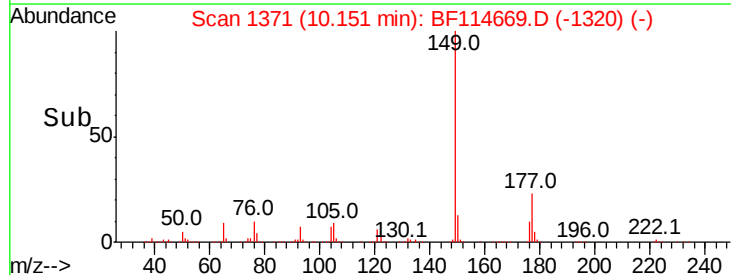
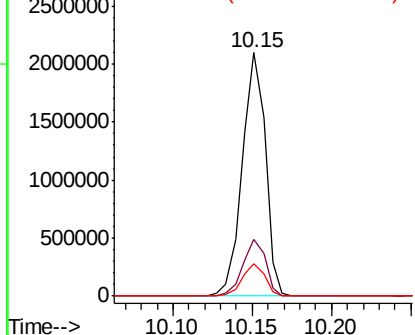


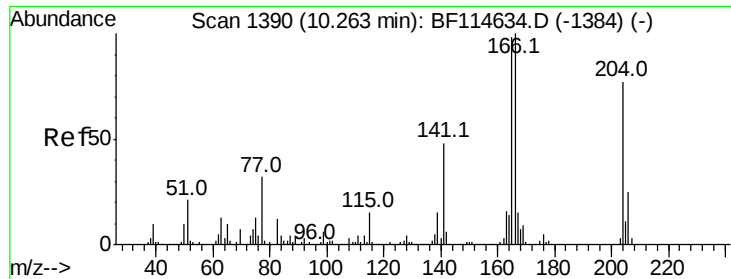
#60
 Diethylphthalate
 Concen: 41.334 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:	149	Resp:	2109798
Ion	Ratio	Lower	Upper
149	100		
177	23.4	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

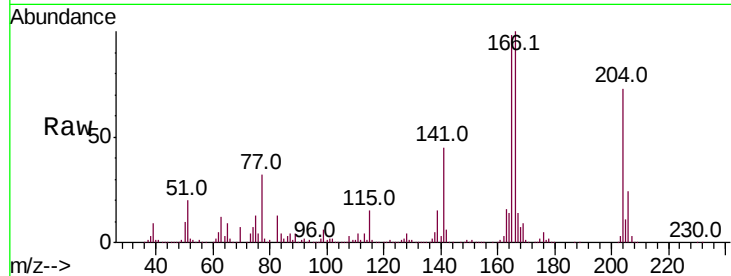




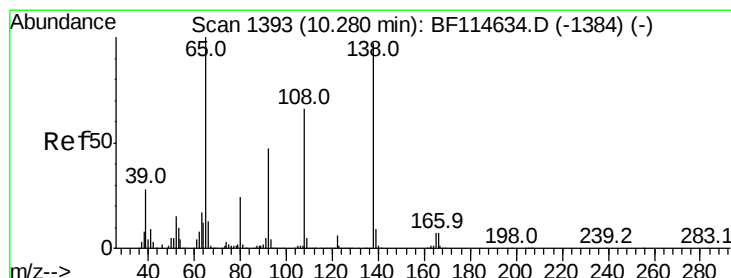
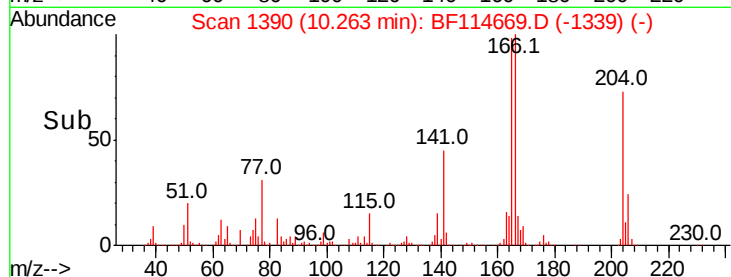
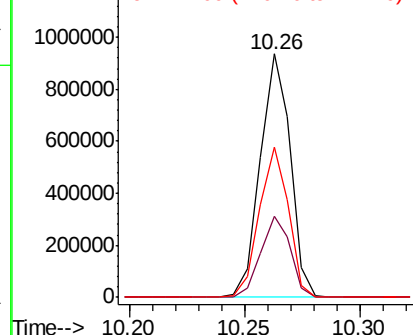
#61
4-Chlorophenyl-phenylether
Concen: 42.636 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	61.7	50.0	75.0

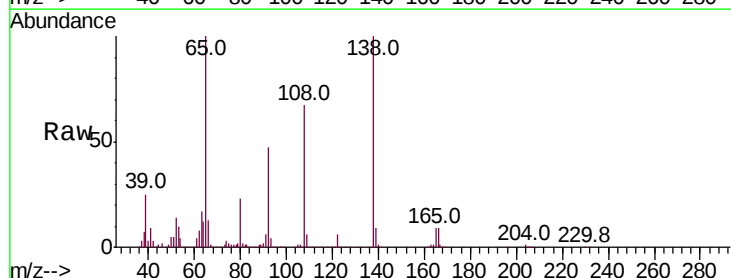


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

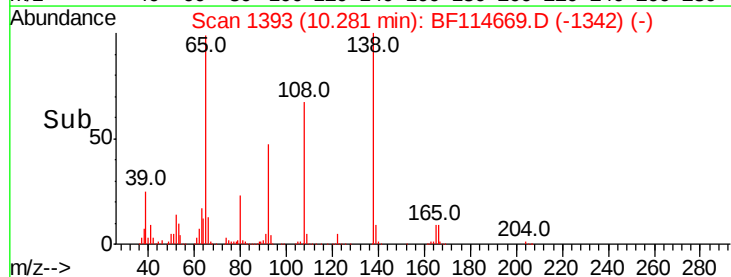
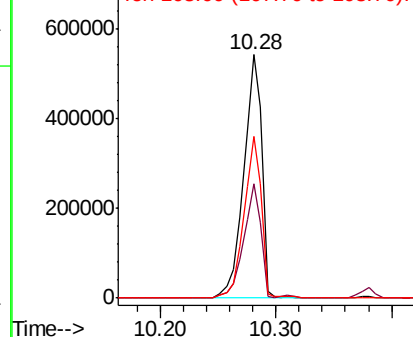


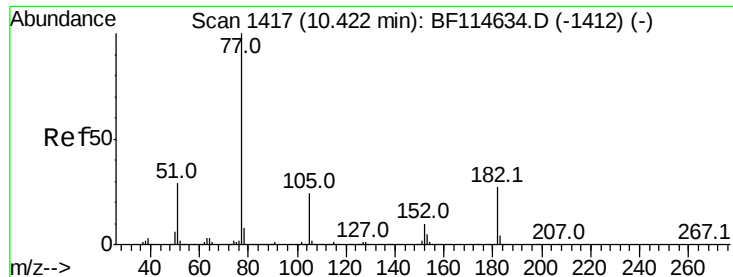
#62
4-Nitroaniline
Concen: 42.222 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	28.0	68.0
108	66.7	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: 39.394 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1846122

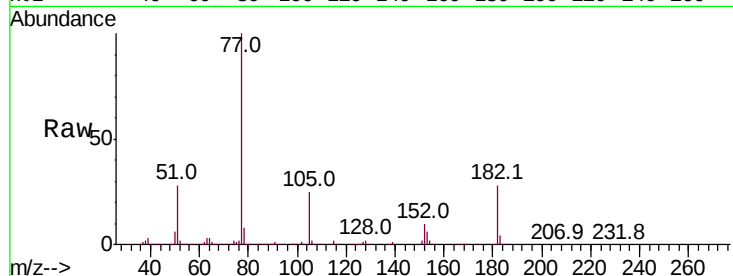
Ion Ratio Lower Upper

77 100

182 28.2 7.0 47.0

105 24.6 3.7 43.7

51 28.4 9.1 49.1

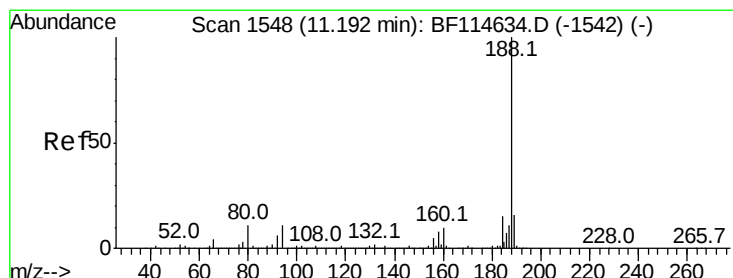
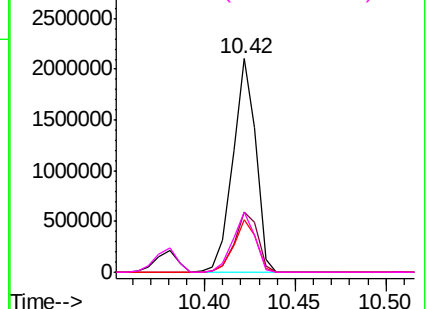
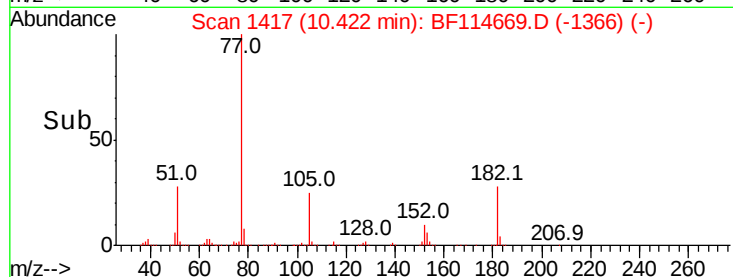


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF114669.D

Acq: 30 May 2019 19:24

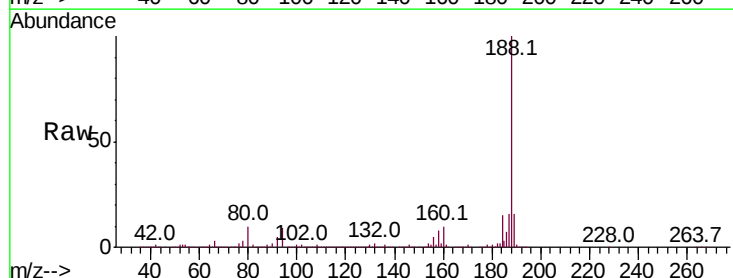
Tgt Ion:188 Resp: 1311819

Ion Ratio Lower Upper

188 100

94 8.9 8.6 13.0

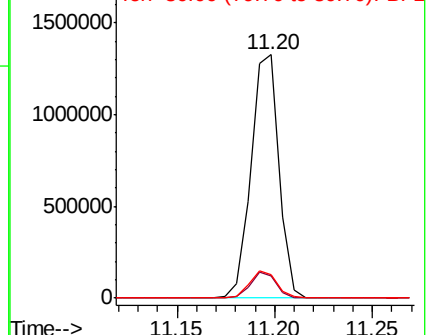
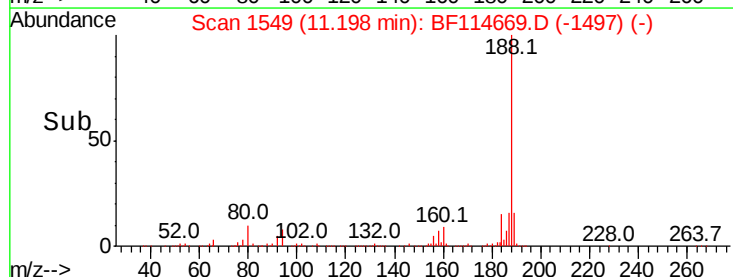
80 9.7 9.0 13.6

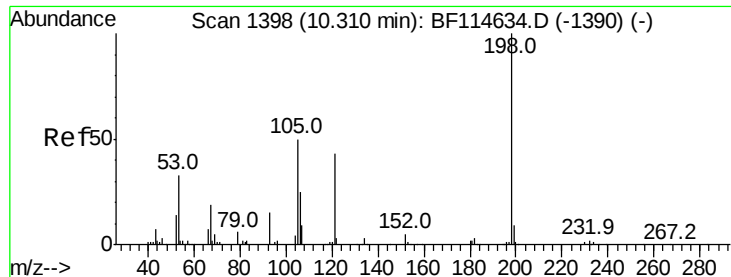


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 35.591 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

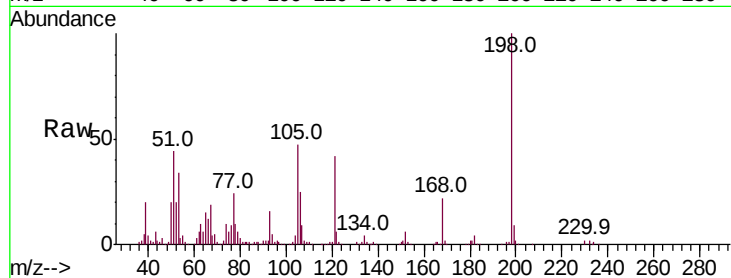
Tot Ion:198 Resp: 207022

Ion Ratio Lower Upper

198 100

51 44.1 29.0 69.0

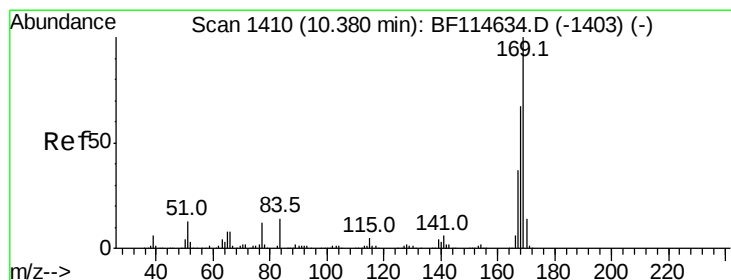
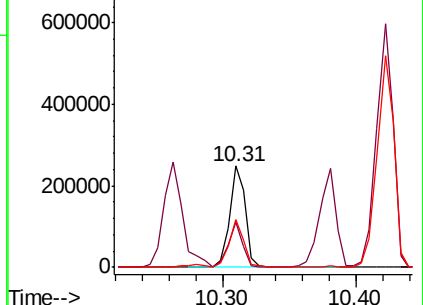
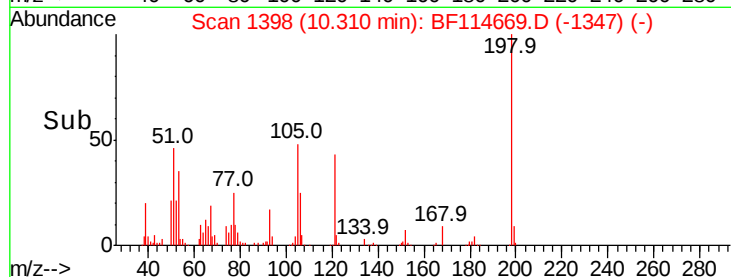
105 46.7 30.4 70.4



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: 42.728 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

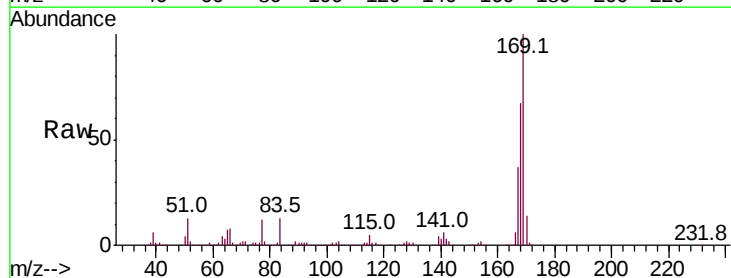
Tgt Ion:169 Resp: 1656046

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

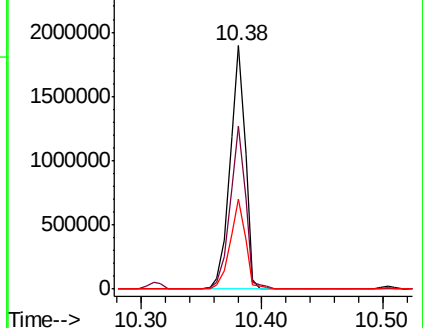
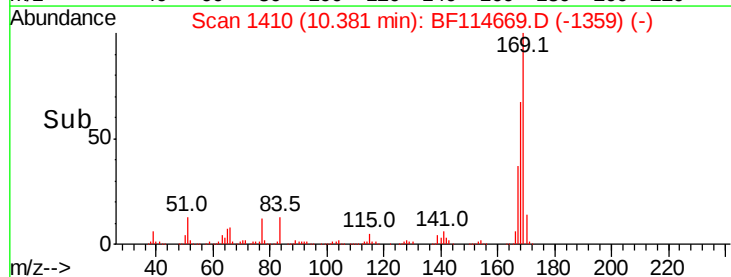
167 37.2 29.8 44.6

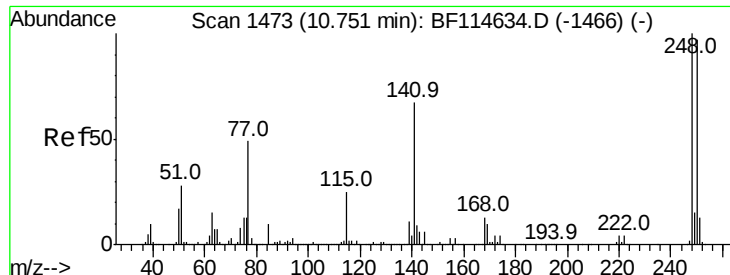


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

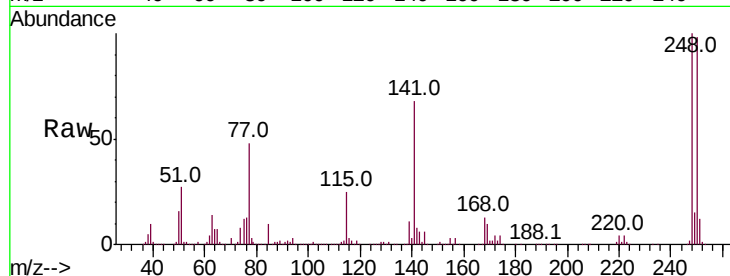




#67
 4-Bromophenyl-phenylether
 Concen: 42.564 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	68.3	53.8	80.8

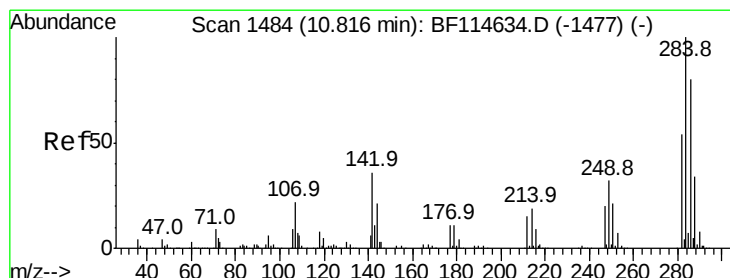
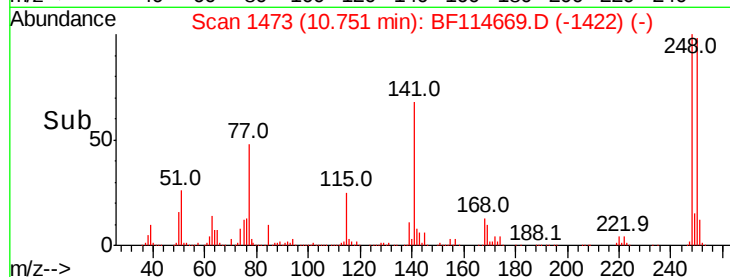
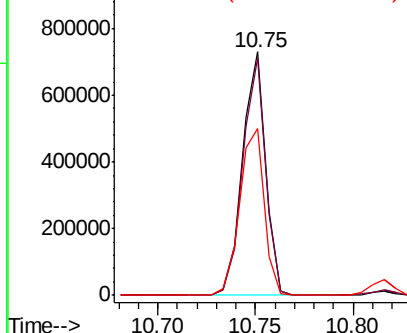


Abundance

Ion 248.00 (247.70 to 248.70): E

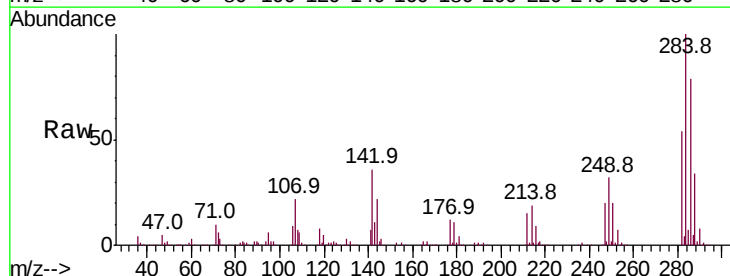
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 41.894 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.9	43.3
249	32.0	25.8	38.6

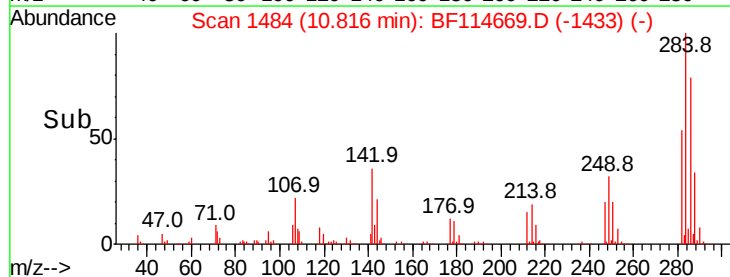
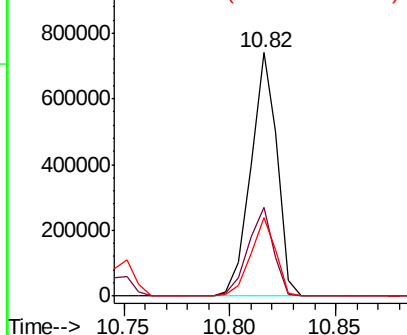


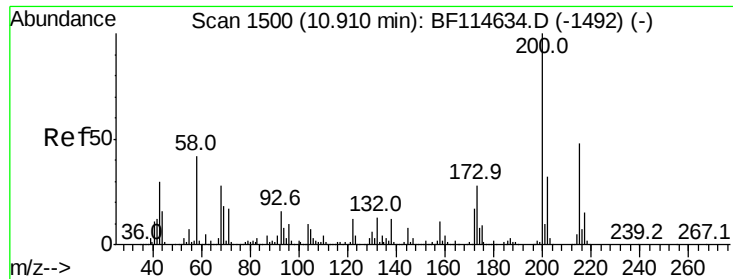
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

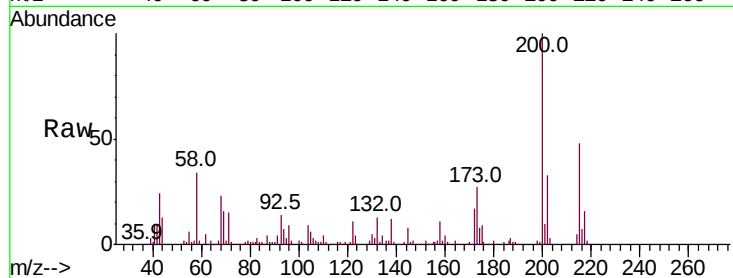




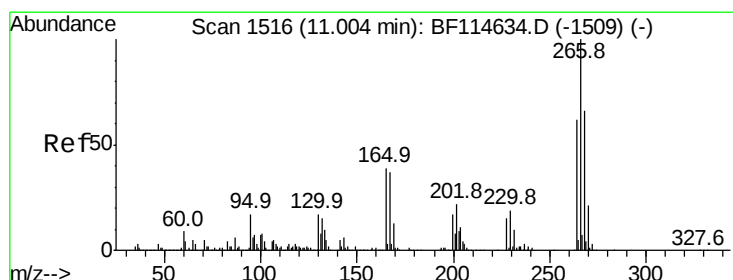
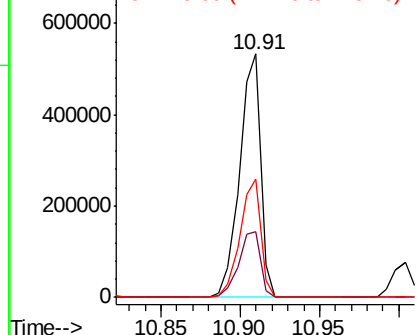
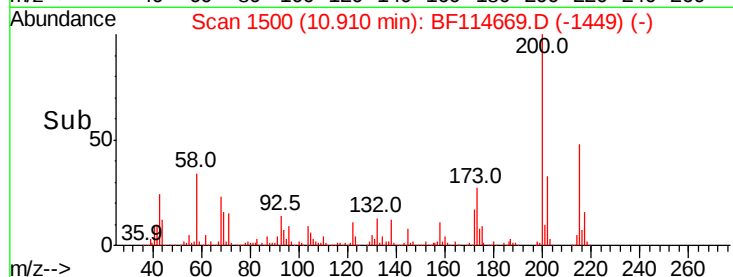
#69
Atrazine
Concen: 39.022 ng
RT: 10.91 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.9	47.9
215	48.4	27.8	67.8

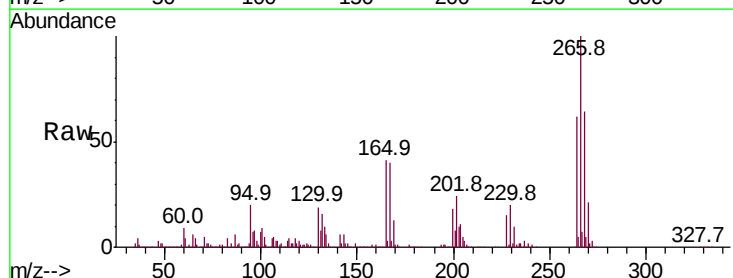


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

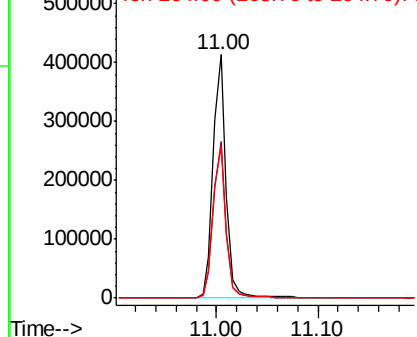
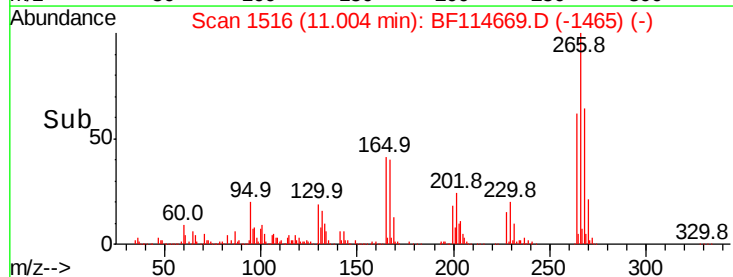


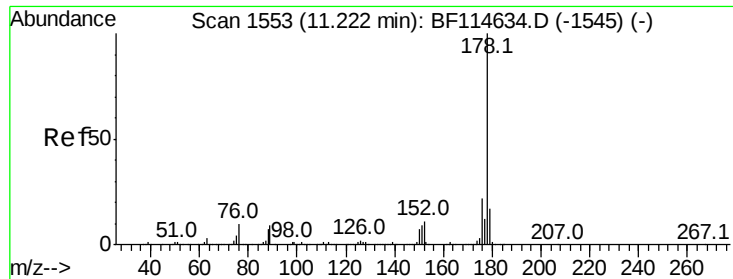
#70
Pentachlorophenol
Concen: 42.255 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.8	79.2
264	62.3	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

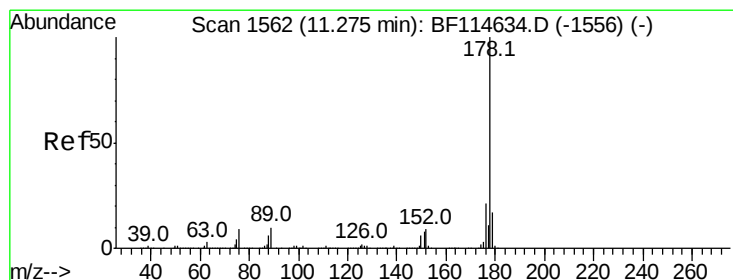
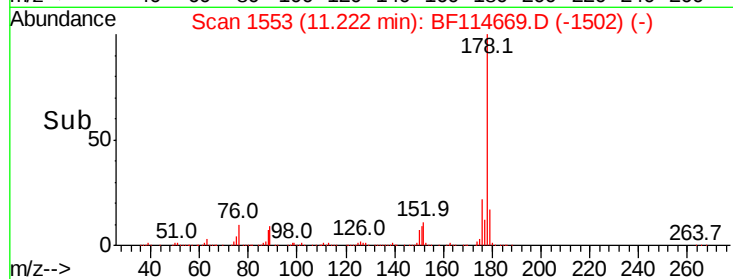
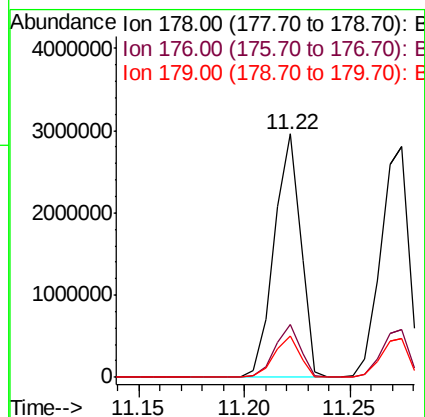
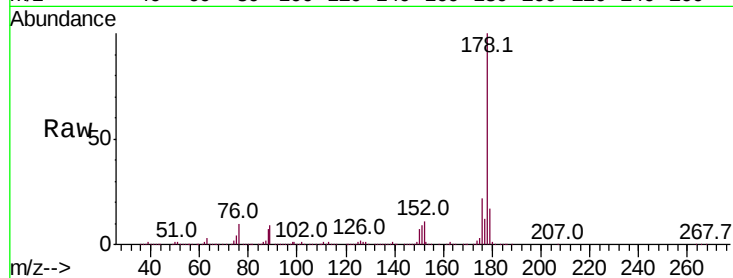




#71
Phenanthrene
Concen: 38.717 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

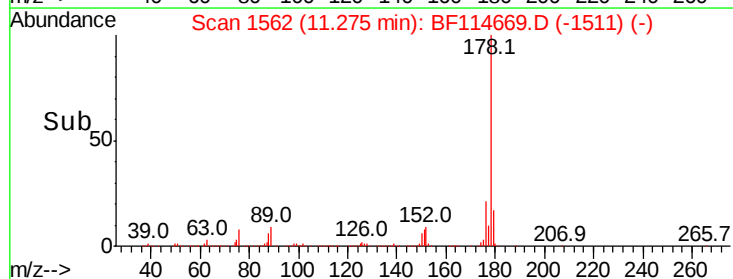
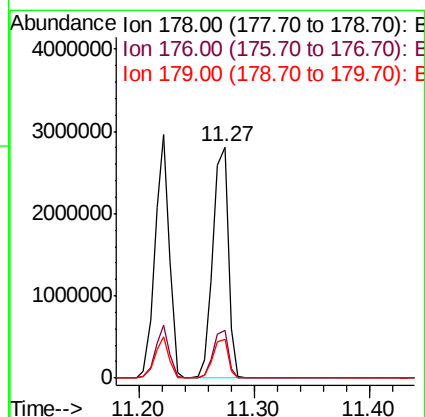
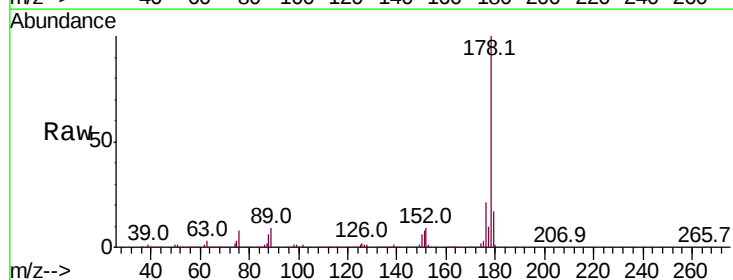
Instrument :
BNA_F
ClientSampleId :

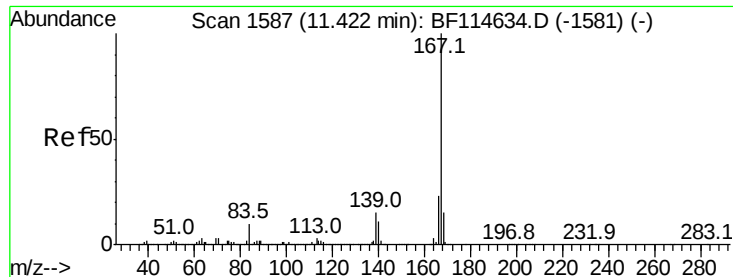
Tot Ion:178 Resp: 2590880
Ion Ratio Lower Upper
178 100
176 21.8 17.2 25.8
179 17.2 13.9 20.9



#72
Anthracene
Concen: 38.802 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:178 Resp: 2627998
Ion Ratio Lower Upper
178 100
176 20.6 16.6 24.8
179 16.8 13.4 20.0



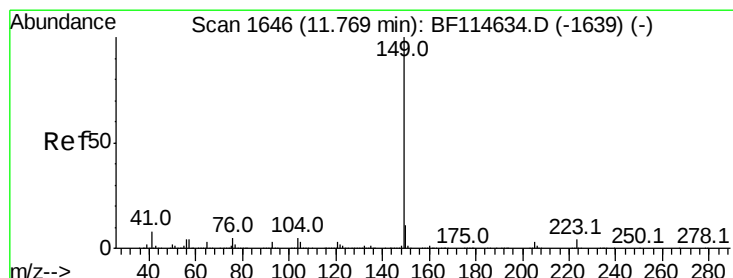
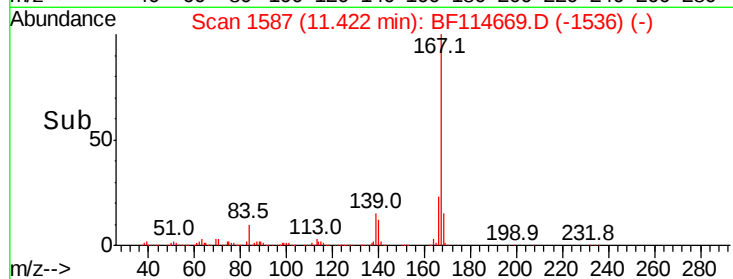
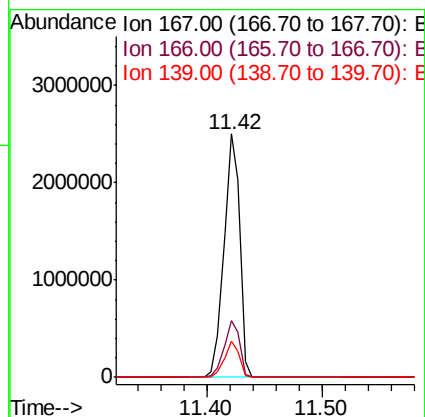
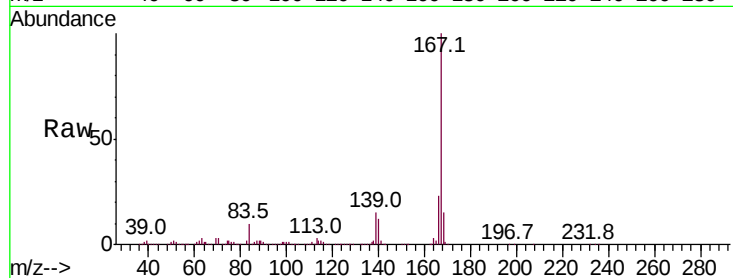


#73
 Carbazole
 Concen: 39.730 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2364841

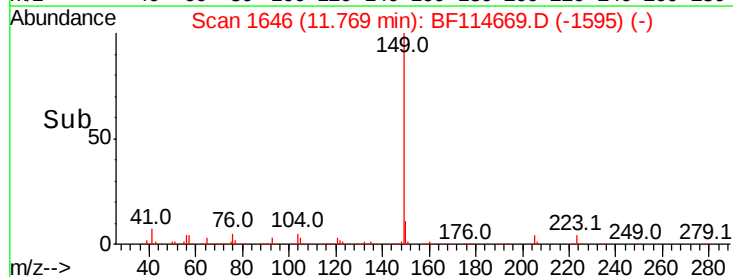
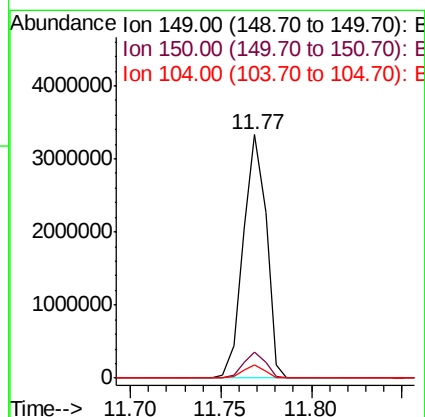
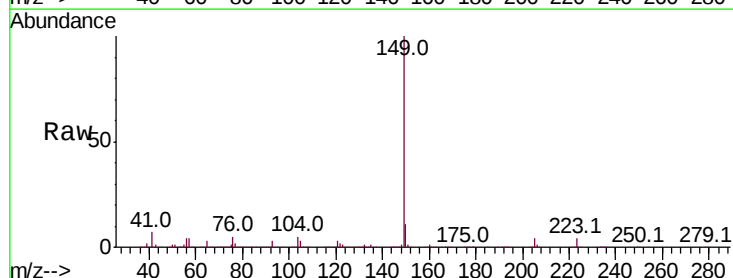
Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.7	28.1
139	14.9	11.8	17.8

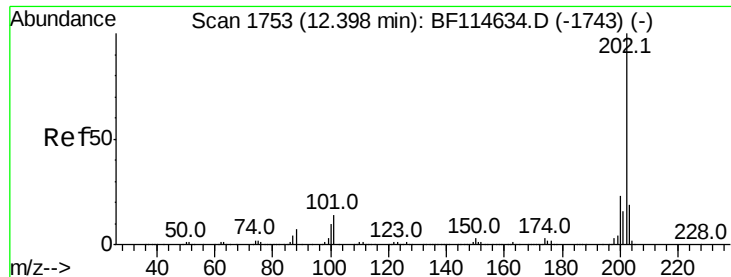


#74
 Di-n-butylphthalate
 Concen: 39.716 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: BF114669.D
 Acq: 30 May 2019 19:24

Tgt Ion:149 Resp: 2939788

Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.6	12.8
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 37.130 ng

RT: 12.40 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

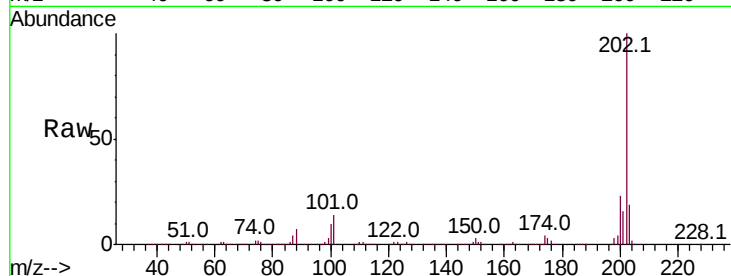
Tot Ion:202 Resp: 2572772

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.9

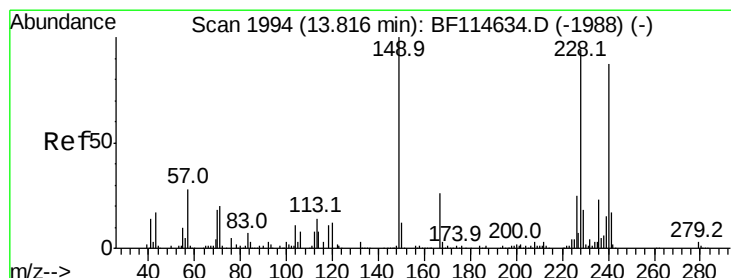
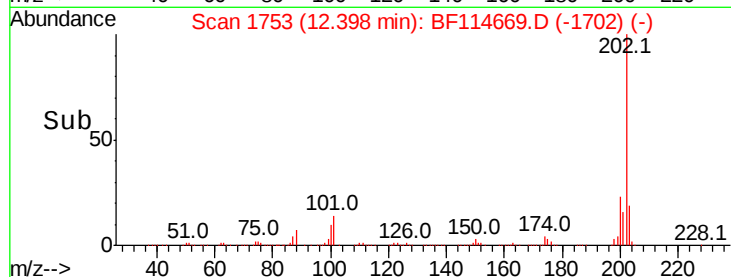
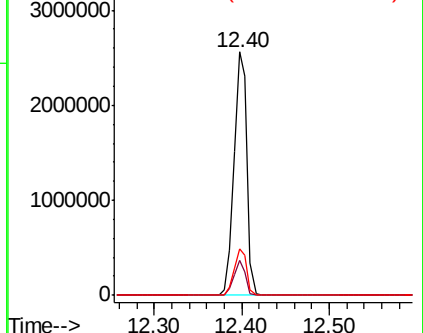
203 19.2 0.0 39.1



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# 1994

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

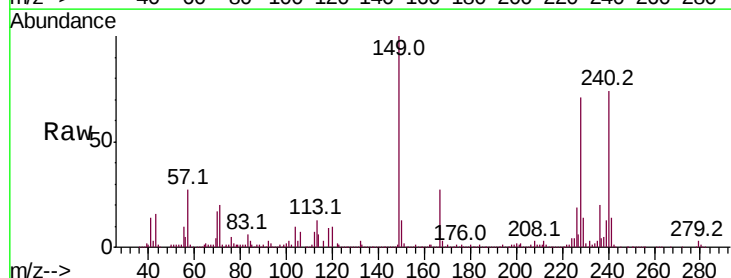
Tgt Ion:240 Resp: 761520

Ion Ratio Lower Upper

240 100

120 13.2 11.2 16.8

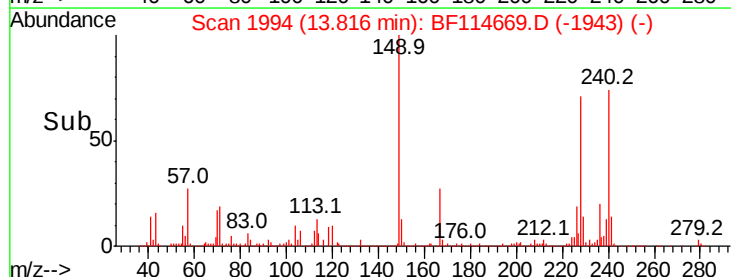
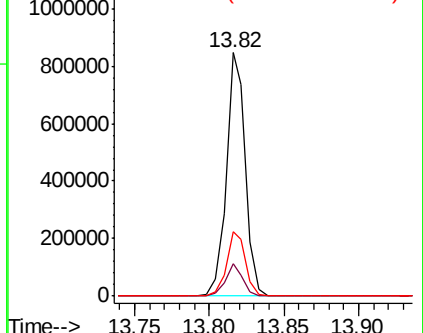
236 26.6 21.2 31.8

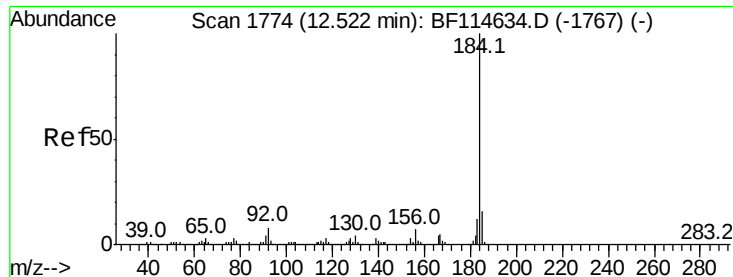


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.847 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

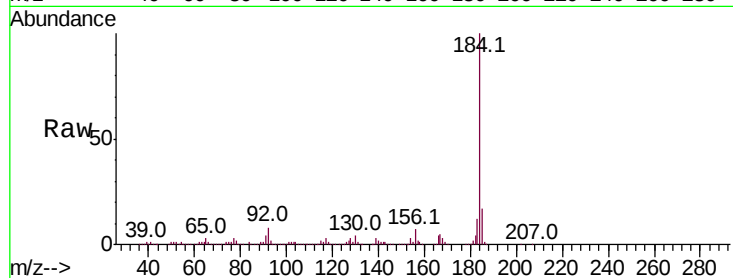
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1343598

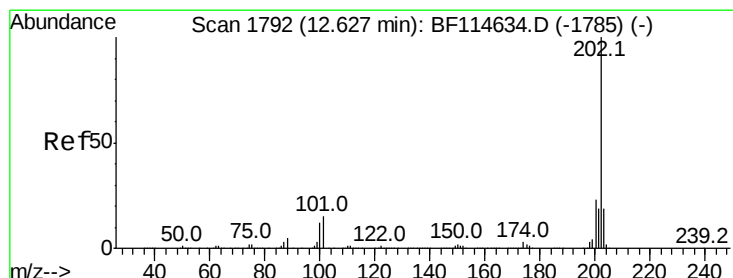
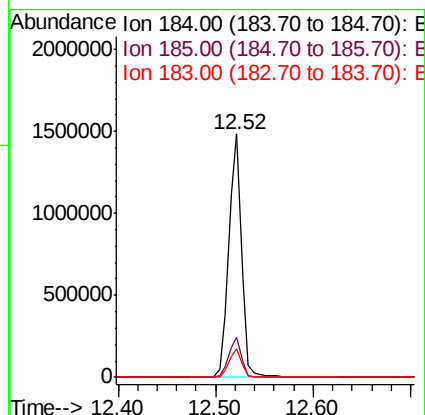
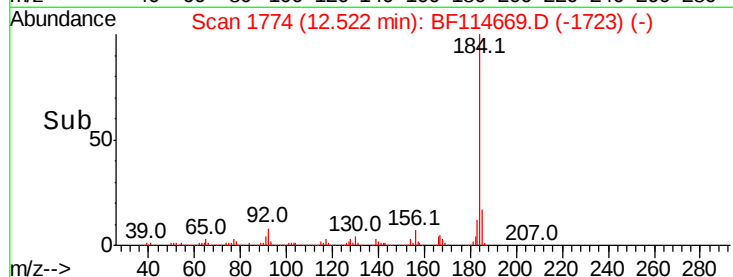
Ion	Ratio	Lower	Upper
184	100		
185	16.5	12.6	18.8
183	11.7	9.4	14.2



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: 40.208 ng

RT: 12.63 min Scan# 1792

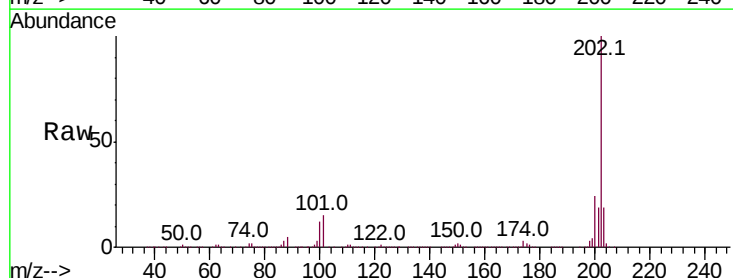
Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:202 Resp: 2590113

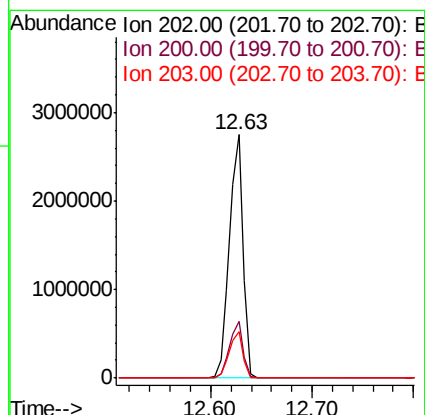
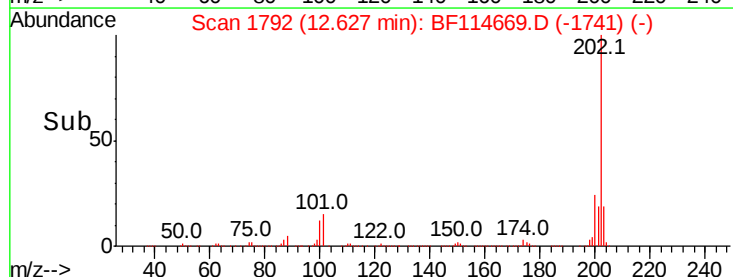
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.6	28.0
203	19.1	15.4	23.2

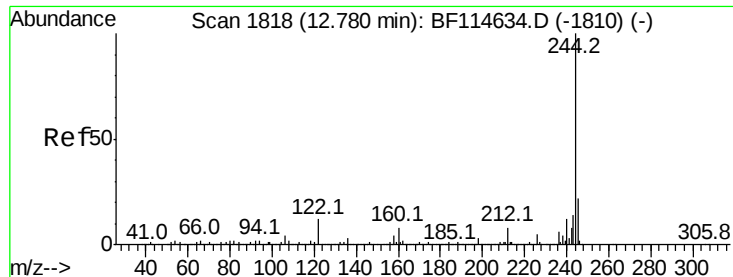


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.553 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

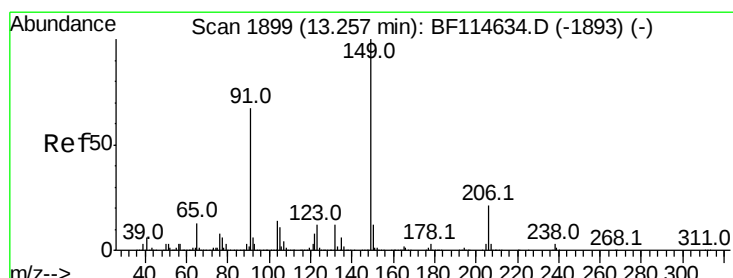
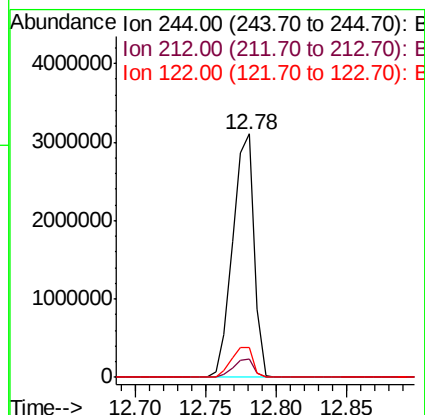
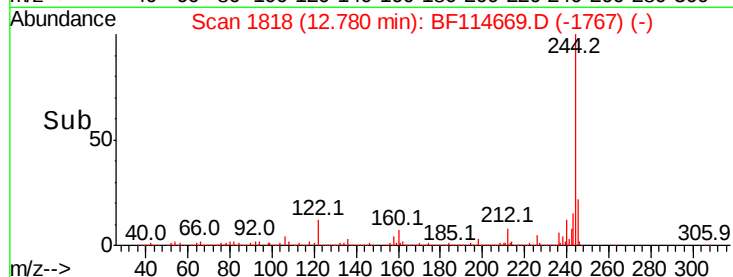
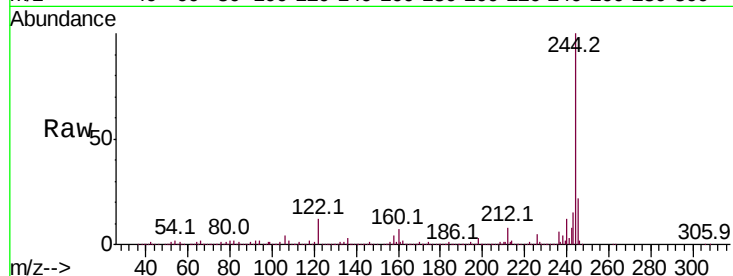
Tot Ion:244 Resp: 3262643

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 12.1 9.8 14.8



#80

Butylbenzylphthalate

Concen: 39.224 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

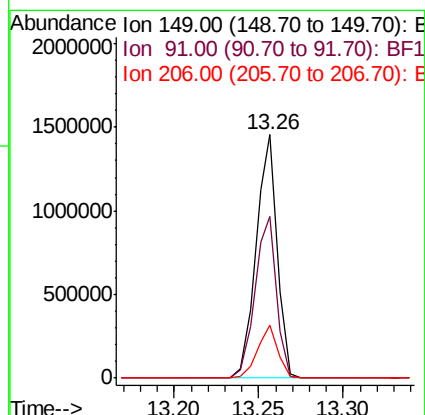
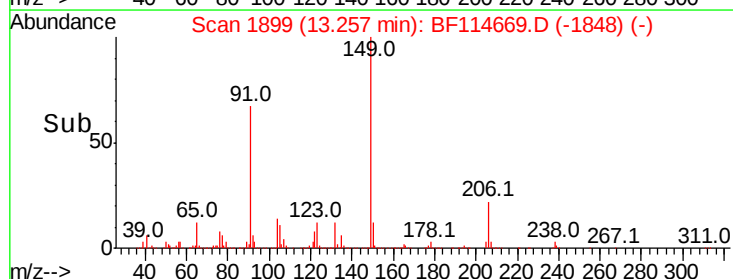
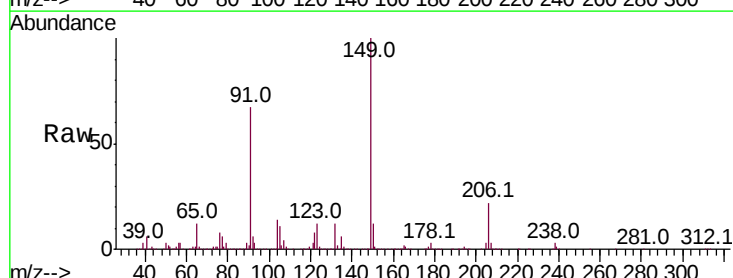
Tgt Ion:149 Resp: 1269866

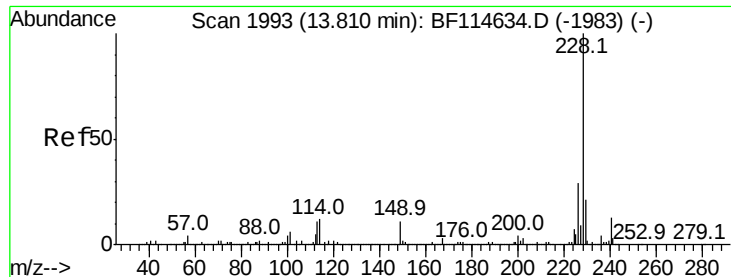
Ion Ratio Lower Upper

149 100

91 66.5 53.8 80.8

206 21.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.848 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

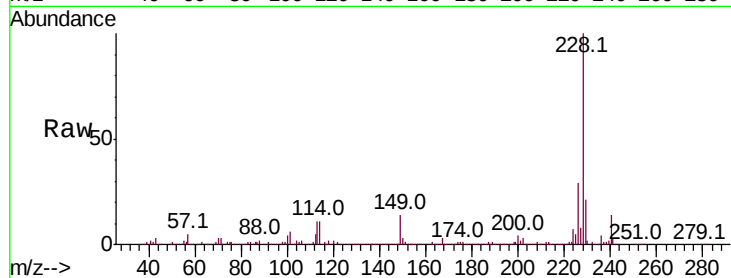
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2273412

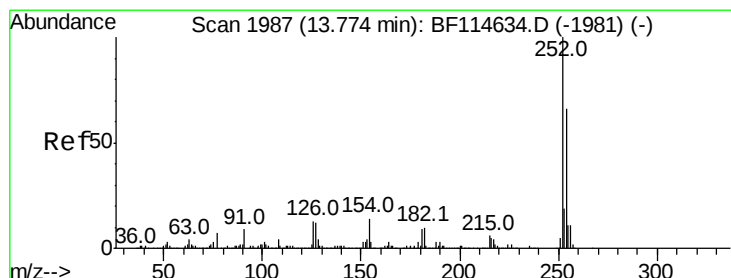
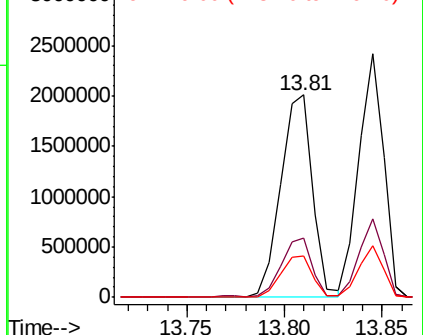
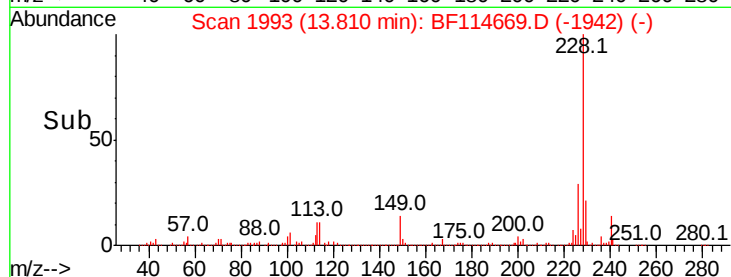
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.6
229	20.6	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.177 ng

RT: 13.77 min Scan# 1987

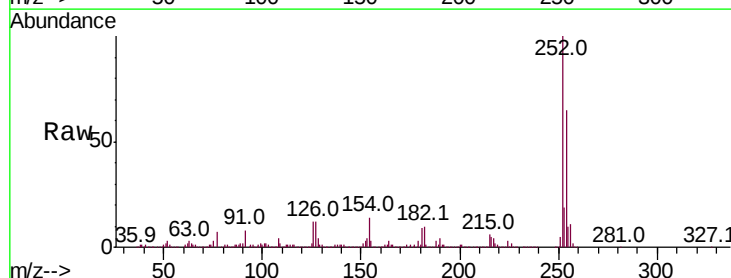
Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Tgt Ion:252 Resp: 930597

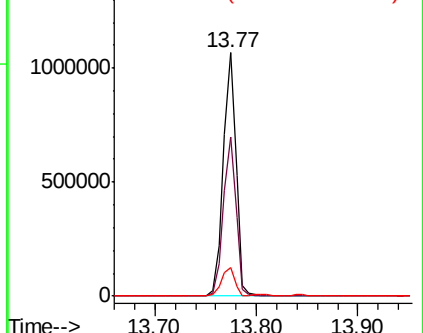
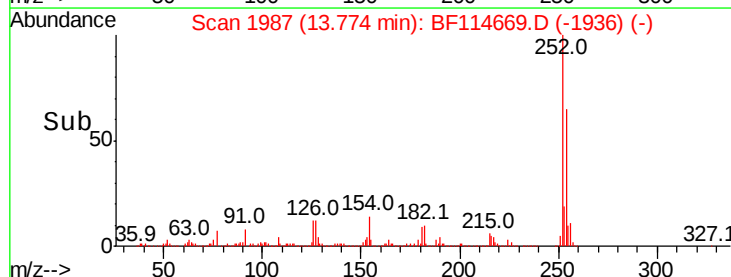
Ion	Ratio	Lower	Upper
252	100		
254	65.1	53.1	79.7
126	12.0	10.2	15.2

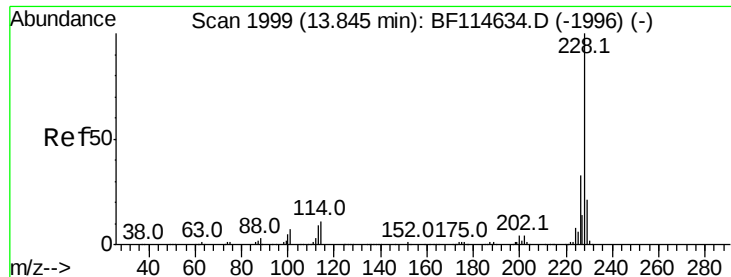


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.410 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

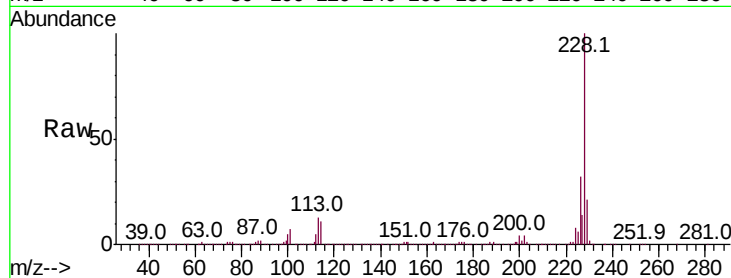
Tot Ion:228 Resp: 2147552

Ion Ratio Lower Upper

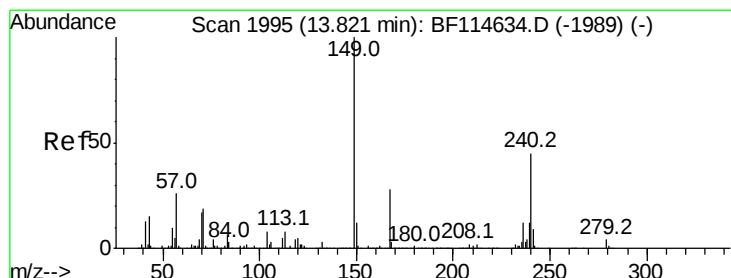
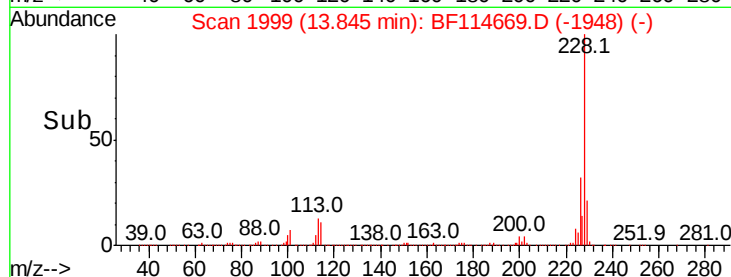
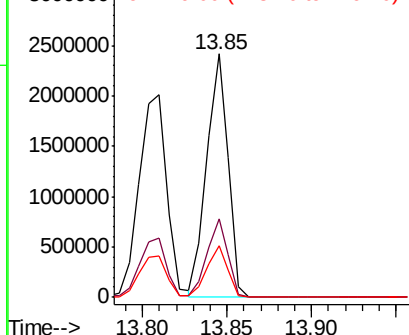
228 100

226 32.4 26.4 39.6

229 21.4 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: 39.952 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

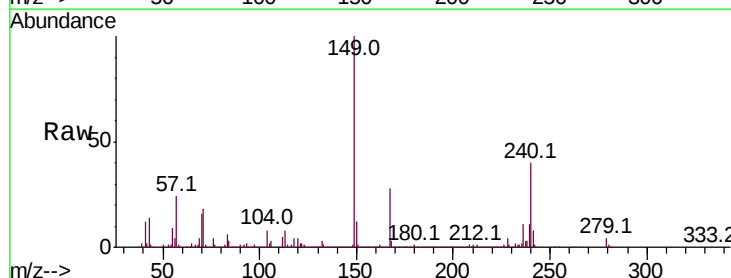
Tgt Ion:149 Resp: 1599032

Ion Ratio Lower Upper

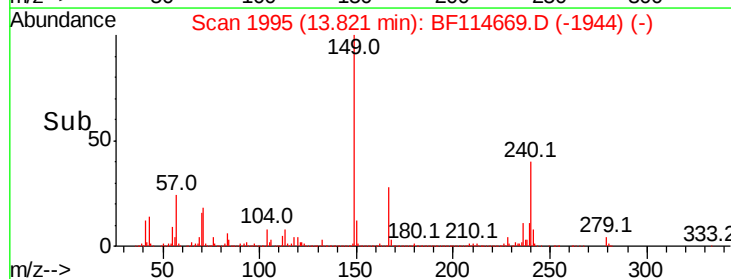
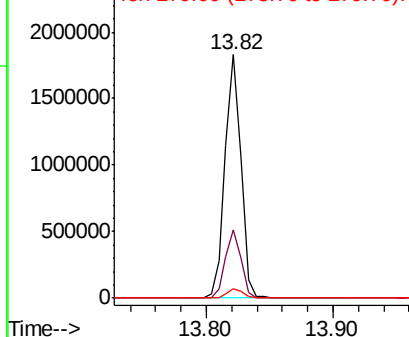
149 100

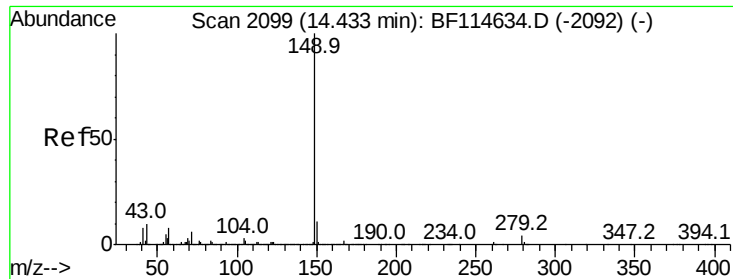
167 28.3 22.6 33.8

279 3.9 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

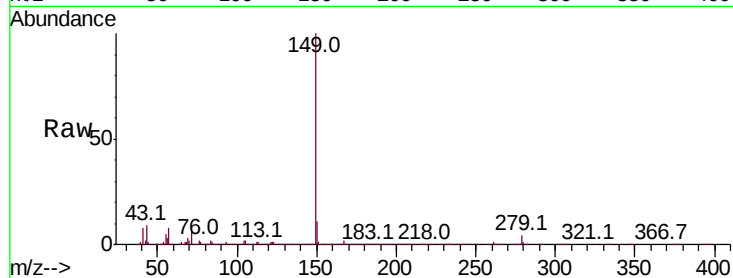




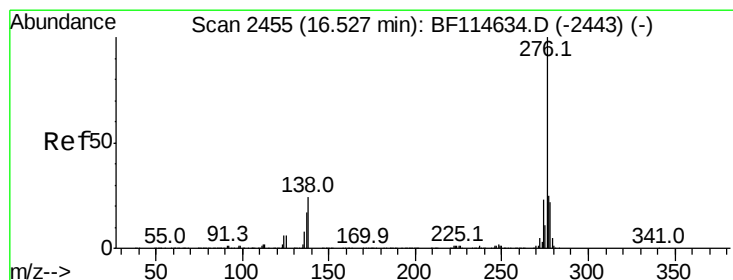
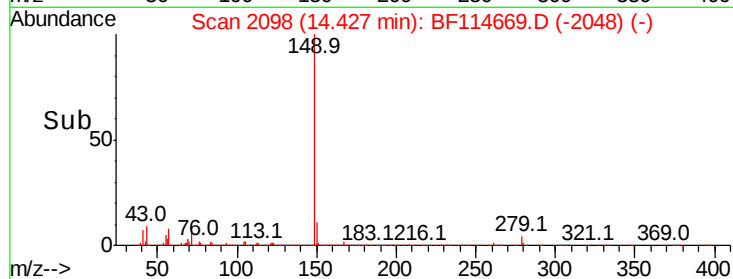
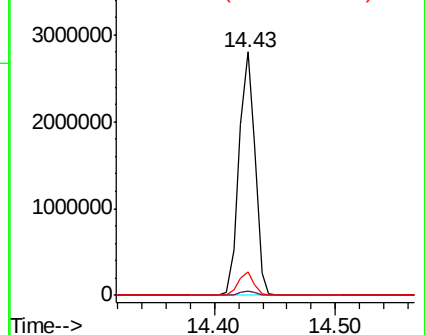
#85
Di-n-octyl phthalate
Concen: 37.442 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2603704
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.2 8.0 12.0

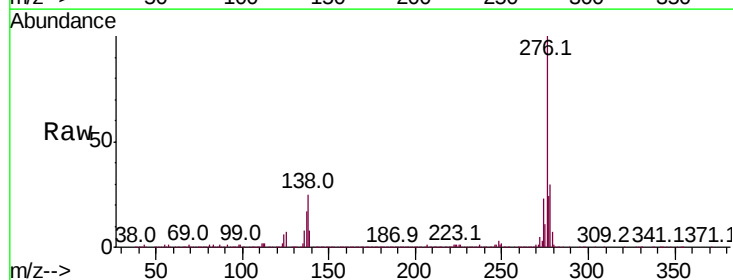


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

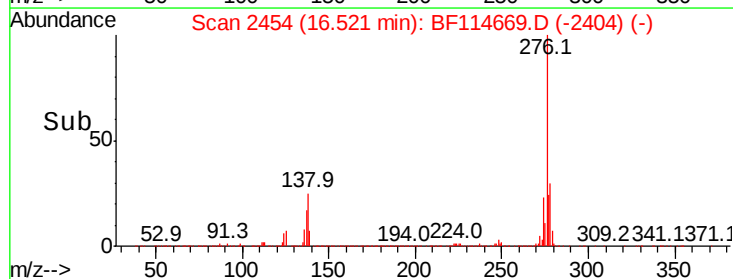
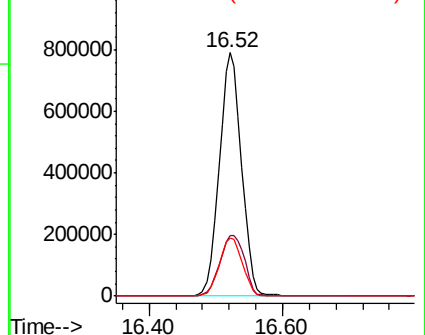


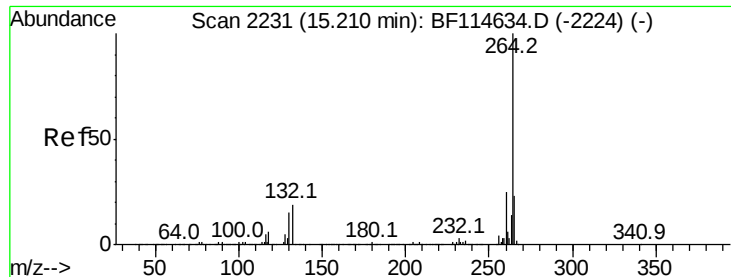
#86
Indeno(1,2,3-cd)pyrene
Concen: 33.022 ng
RT: 16.52 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:276 Resp: 1849181
Ion Ratio Lower Upper
276 100
138 28.1 23.0 34.6
277 24.8 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# 2229

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

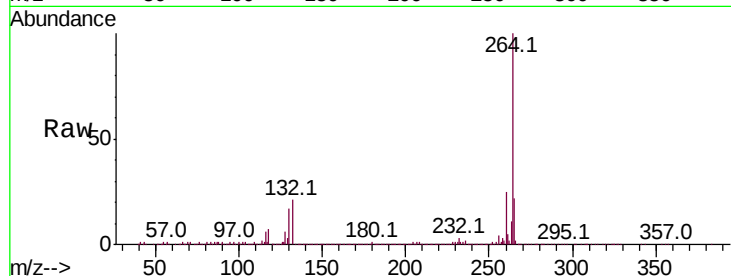
Tot Ion:264 Resp: 778931

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

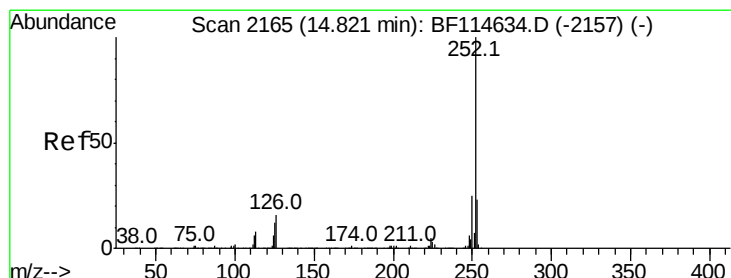
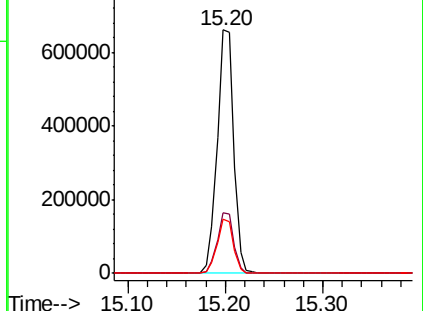
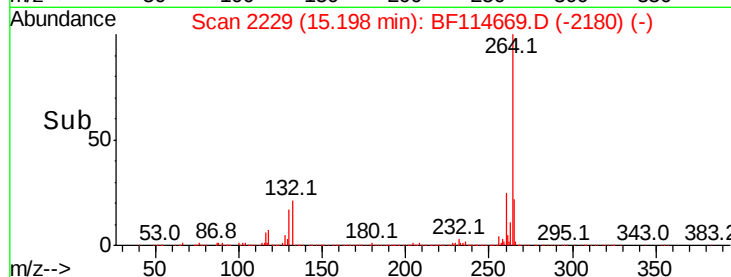
265 22.4 18.1 27.1



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: 40.922 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

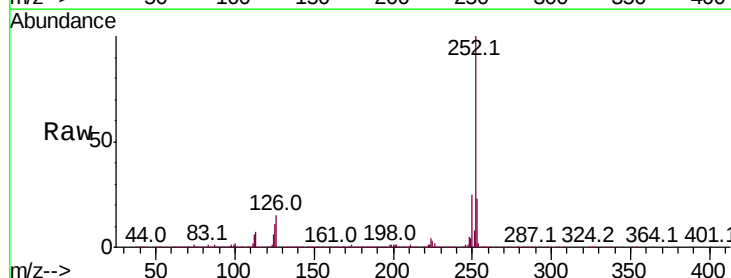
Tgt Ion:252 Resp: 2007634

Ion Ratio Lower Upper

252 100

253 22.9 18.7 28.1

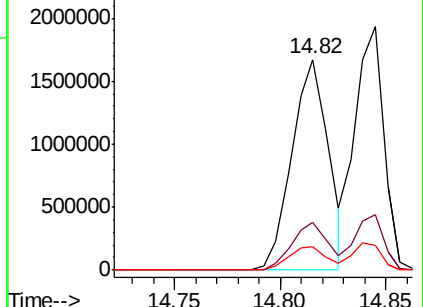
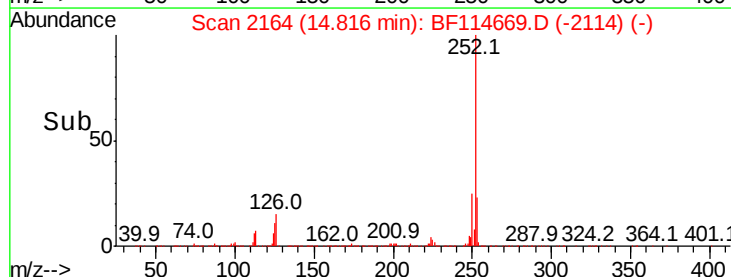
125 11.3 9.4 14.2

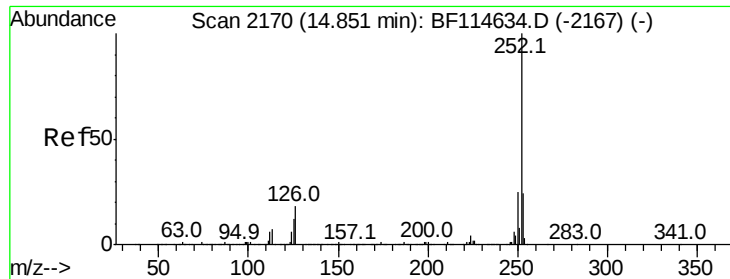


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

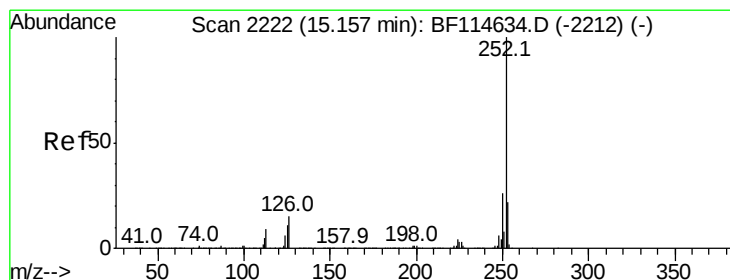
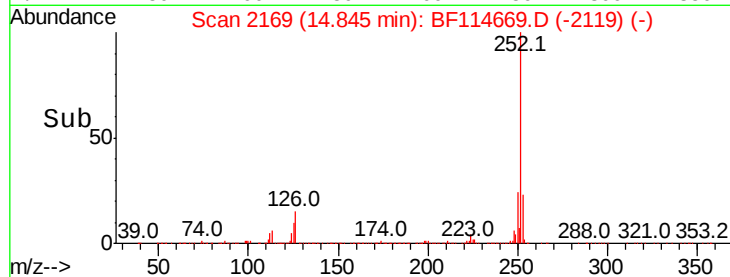
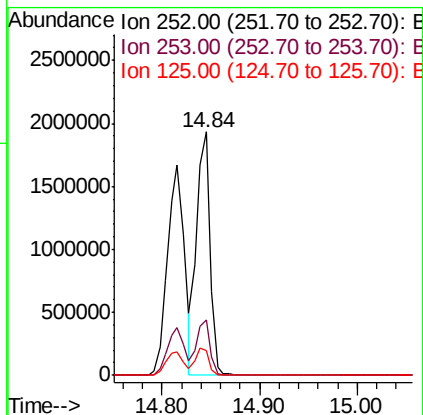
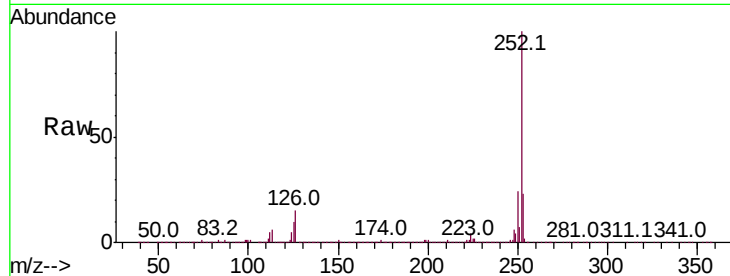




#89
Benzo(k)fluoranthene
Concen: 43.557 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

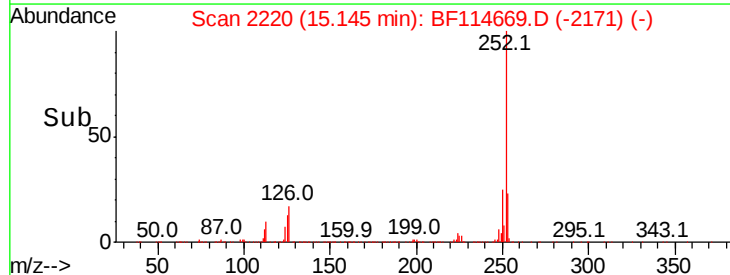
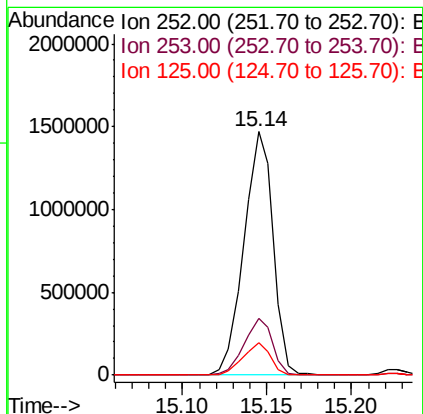
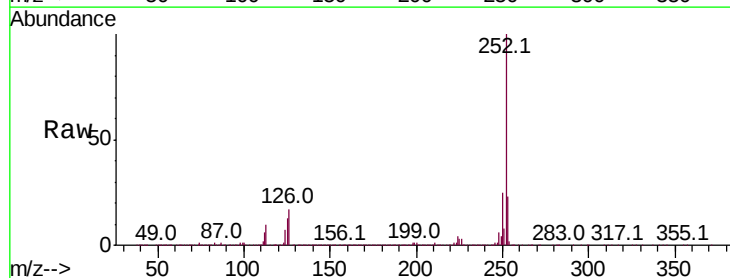
Instrument :
BNA_F
ClientSampleId :

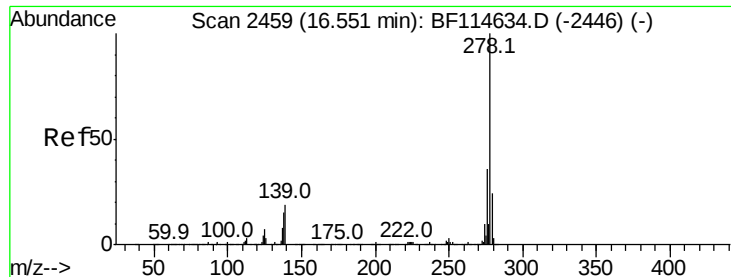
Tot Ion:252 Resp: 1857360
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 10.4 9.5 14.3



#90
Benzo(a)pyrene
Concen: 41.122 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114669.D
Acq: 30 May 2019 19:24

Tgt Ion:252 Resp: 1772330
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 13.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 39.694 ng

RT: 16.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

Instrument :

BNA_F

ClientSampleId :

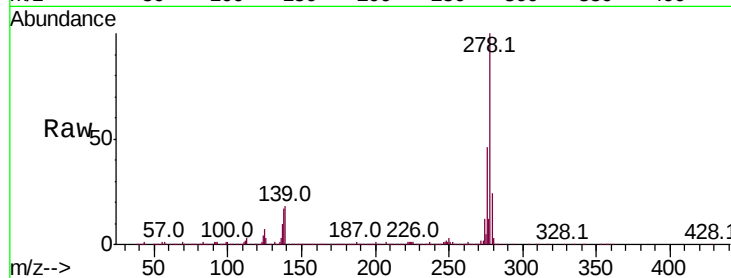
Tot Ion:278 Resp: 1511718

Ion	Ratio	Lower	Upper
278	100		
139	18.5	14.9	22.3
279	24.4	19.5	29.3

278 100

139 18.5 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

1200000

1000000

800000

600000

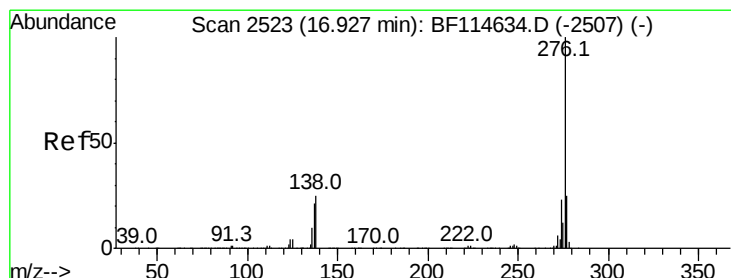
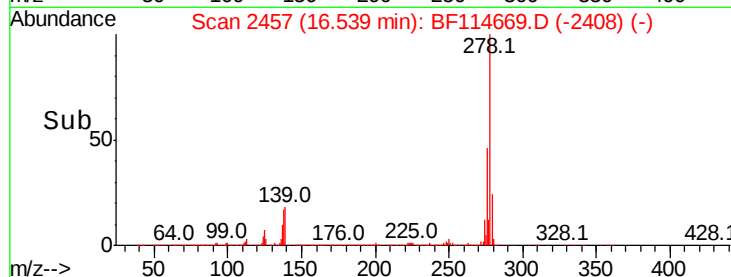
400000

200000

0

16.40 16.50 16.60 16.70

Time-->



#92

Benzo(g,h,i)perylene

Concen: 39.824 ng

RT: 16.92 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BF114669.D

Acq: 30 May 2019 19:24

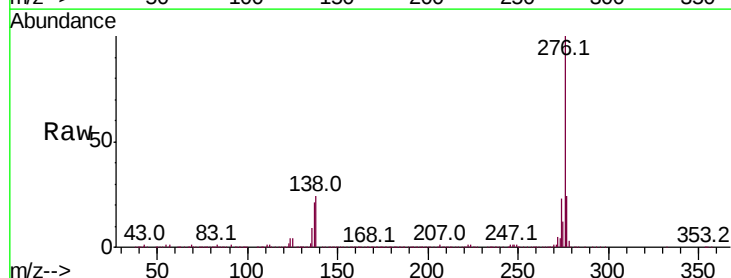
Tgt Ion:276 Resp: 1472035

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	24.3	19.8	29.8

276 100

277 24.4 19.7 29.5

138 24.3 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

1000000

800000

600000

400000

200000

0

16.80 16.90 17.00 17.10

Time-->

