

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114970.D
 Acq On : 12 Jun 2019 11:42
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 12:49:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 12:22:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	237882	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	965014	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	466968	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	909111	20.00	ng	0.00
76) Chrysene-d12	13.78	240	496806	20.00	ng	0.00
87) Perylene-d12	15.15	264	487520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1385239	98.55	ng	0.00
7) Phenol-d6	6.30	99	1659022	97.85	ng	0.00
23) Nitrobenzene-d5	7.22	82	1552771	98.86	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	482022	94.89	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2674435	90.90	ng	0.00
79) Terphenyl-d14	12.74	244	2571972	102.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	328732	49.286	ng	100
3) Pyridine	2.95	79	931390	50.165	ng	99
4) n-Nitrosodimethylamine	2.89	42	321491	48.208	ng	96
6) Aniline	6.32	93	1107965	48.245	ng	93
8) 2-Chlorophenol	6.44	128	788406	49.147	ng	99
9) Benzaldehyde	6.19	77	468866	43.209	ng	99
10) Phenol	6.31	94	923750	48.863	ng	99
11) bis(2-Chloroethyl)ether	6.39	93	737369	48.939	ng	99
12) 1,3-Dichlorobenzene	6.59	146	927091	49.796	ng	100
13) 1,4-Dichlorobenzene	6.67	146	937598	50.220	ng	100
14) 1,2-Dichlorobenzene	6.82	146	850253	50.175	ng	100
15) Benzyl Alcohol	6.80	79	615329	50.298	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	994979	48.016	ng	98
17) 2-Methylphenol	6.92	107	653298	48.638	ng	98
18) Hexachloroethane	7.16	117	338218	49.157	ng	99
19) n-Nitroso-di-n-propylamine	7.08	70	501112	47.267	ng	98
20) 3+4-Methylphenols	7.07	107	744991	49.536	ng	98
22) Acetophenone	7.07	105	1060710	49.104	ng	100
24) Nitrobenzene	7.24	77	809217	49.528	ng	98
25) Isophorone	7.48	82	1455440	47.322	ng	100
26) 2-Nitrophenol	7.55	139	451889	49.783	ng	99
27) 2,4-Dimethylphenol	7.60	122	645348	48.585	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	944005	47.981	ng	100
29) 2,4-Dichlorophenol	7.80	162	679002	48.814	ng	100
30) 1,2,4-Trichlorobenzene	7.88	180	794156	49.748	ng	100
31) Naphthalene	7.96	128	2234585	50.254	ng	100
32) Benzoic acid	7.75	122	469697	47.340	ng	99
33) 4-Chloroaniline	8.00	127	1025733	48.883	ng	99
34) Hexachlorobutadiene	8.08	225	441724	49.334	ng	100
35) Caprolactam	8.39	113	221942	47.366	ng	97
36) 4-Chloro-3-methylphenol	8.50	107	678955	48.056	ng	100
37) 2-Methylnaphthalene	8.65	142	1497950	49.575	ng	100
38) 1-Methylnaphthalene	8.75	142	1413863	49.474	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	670174	49.916	ng	100

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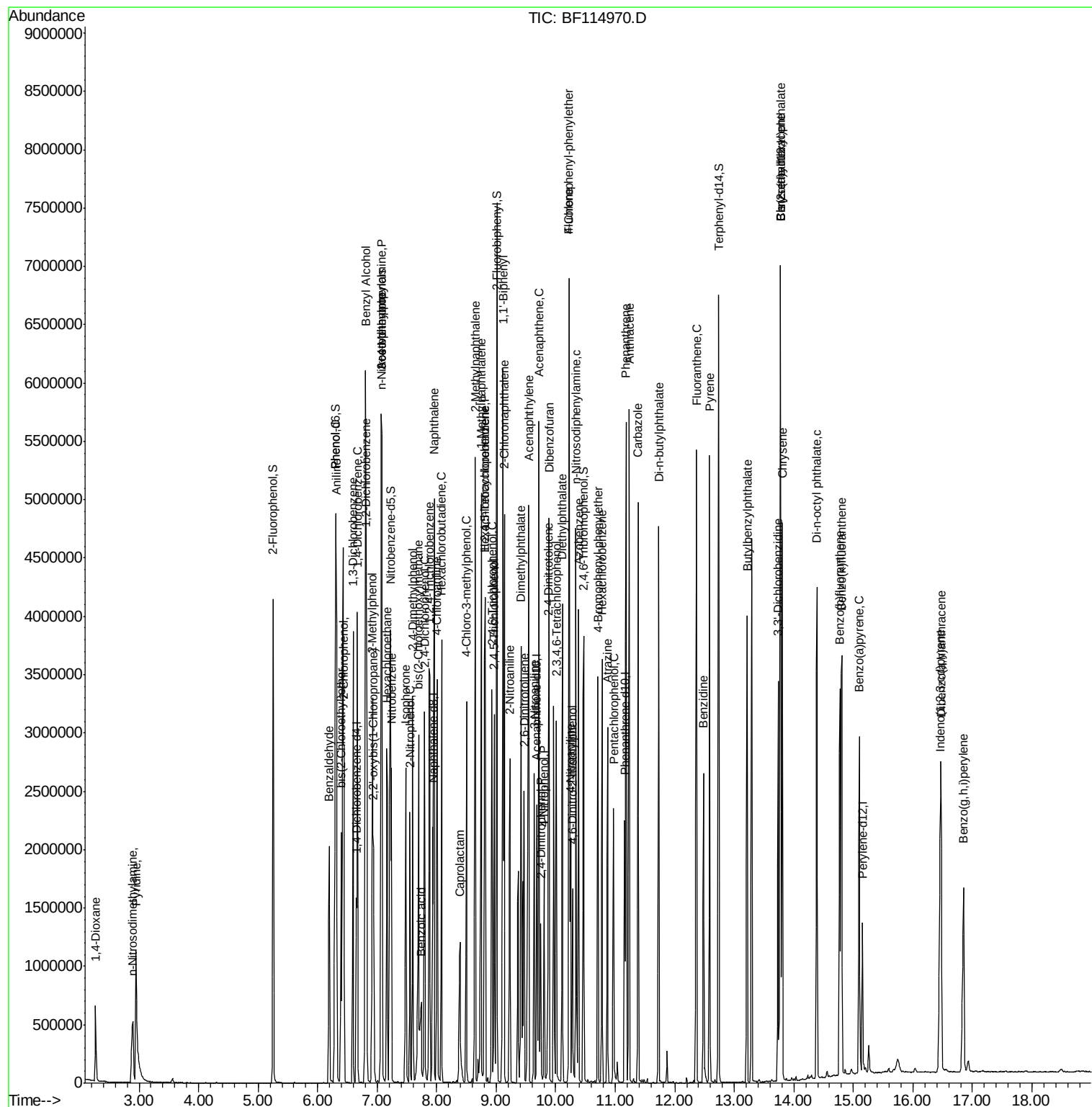
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	361850	47.414	nq	100
43) 2,4,6-Trichlorophenol	8.93	196	511514	50.174	nq	100
44) 2,4,5-Trichlorophenol	8.97	196	511090	48.620	nq	99
46) 1,1'-Biphenyl	9.11	154	1753923	50.204	nq	100
47) 2-Chloronaphthalene	9.13	162	1470001	49.845	nq	100
48) 2-Nitroaniline	9.23	65	435126	48.471	nq	99
49) Acenaphthylene	9.55	152	2189693	50.385	nq	100
50) Dimethylphthalate	9.42	163	1709294	48.702	nq	100
51) 2,6-Dinitrotoluene	9.47	165	395116	49.015	nq	98
52) Acenaphthene	9.72	154	1294227	49.156	nq	99
53) 3-Nitroaniline	9.64	138	468338	48.382	nq	98
54) 2,4-Dinitrophenol	9.75	184	197416	49.480	nq	97
55) Dibenzofuran	9.89	168	1883063	50.103	nq	99
56) 4-Nitrophenol	9.80	139	336583	48.787	nq	99
57) 2,4-Dinitrotoluene	9.87	165	505374	49.597	nq	98
58) Fluorene	10.23	166	1346007	46.459	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.01	232	411711	48.448	nq	99
60) Diethylphthalate	10.11	149	1643126	48.169	nq	100
61) 4-Chlorophenyl-phenylether	10.22	204	673356	46.426	nq	100
62) 4-Nitroaniline	10.25	138	480196	48.405	nq	98
63) Azobenzene	10.38	77	1445309	48.680	nq	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	259475	50.894	nq	83
66) n-Nitrosodiphenylamine	10.34	169	1321294	48.920	nq	99
67) 4-Bromophenyl-phenylether	10.71	248	476957	48.435	nq	99
68) Hexachlorobenzene	10.78	284	526452	48.412	nq	# 90
69) Atrazine	10.87	200	432908	47.568	nq	97
70) Pentachlorophenol	10.97	266	297735	48.826	nq	99
71) Phenanthrene	11.18	178	2196514	49.799	nq	99
72) Anthracene	11.23	178	2191048	48.941	nq	100
73) Carbazole	11.39	167	2001789	49.112	nq	99
74) Di-n-butylphthalate	11.73	149	2459875	48.833	nq	100
75) Fluoranthene	12.36	202	2208447	48.407	nq	100
77) Benzidine	12.48	184	923534	42.478	nq	98
78) Pyrene	12.59	202	2253192	52.076	nq	99
80) Butylbenzylphthalate	13.22	149	1060988	49.774	nq	99
81) Benzo(a)anthracene	13.77	228	1841340	50.126	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	700313	46.704	nq	# 99
83) Chrysene	13.81	228	1830017	49.610	nq	100
84) Bis(2-ethylhexyl)phthalate	13.78	149	1285916	51.510	nq	100
85) Di-n-octyl phthalate	14.39	149	2118495	46.455	nq	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1474312	42.513	nq	100
88) Benzo(b)fluoranthene	14.77	252	1612080	50.792	nq	100
89) Benzo(k)fluoranthene	14.80	252	1450381	52.656	nq	100
90) Benzo(a)pyrene	15.10	252	1387337	50.324	nq	99
91) Dibenzo(a,h)anthracene	16.47	278	1203391	51.678	nq	99
92) Benzo(g,h,i)perylene	16.85	276	1224136	52.738	nq	99

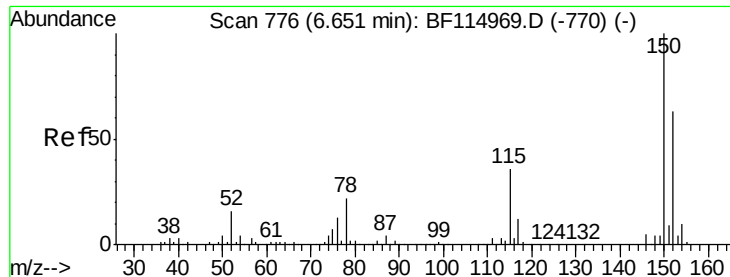
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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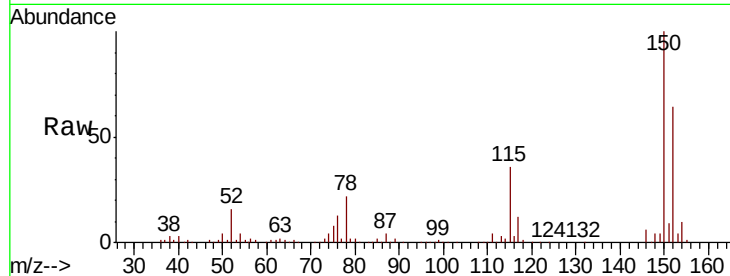


#1

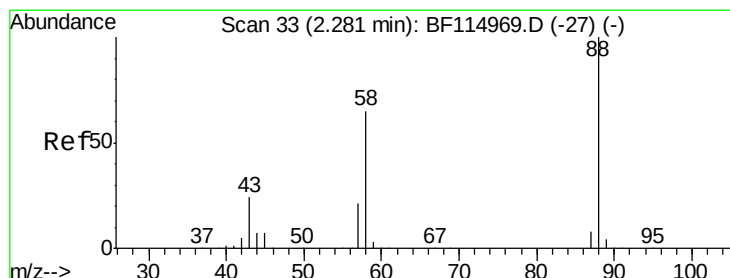
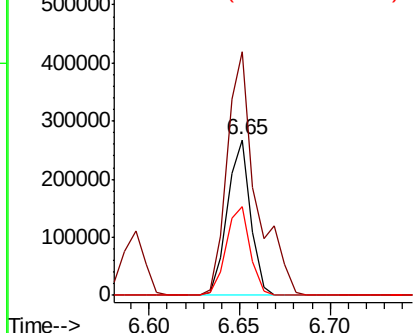
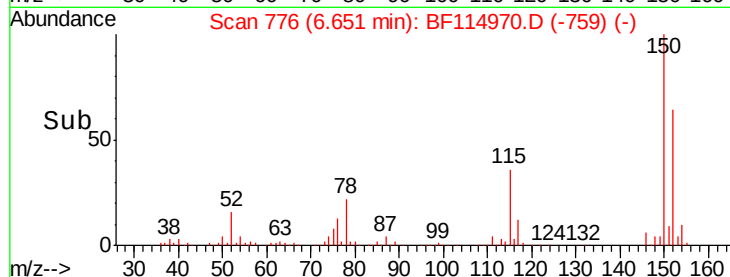
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 237882
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.0
115 57.2 46.0 69.0



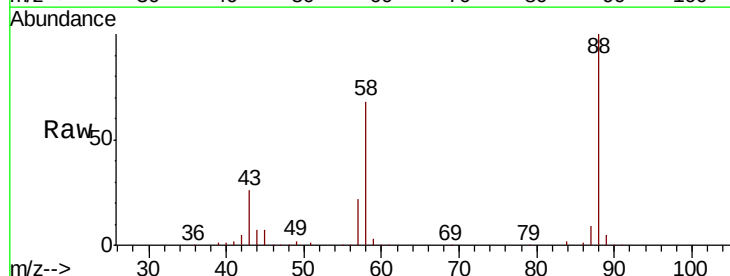
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



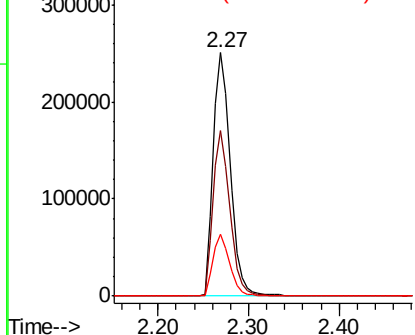
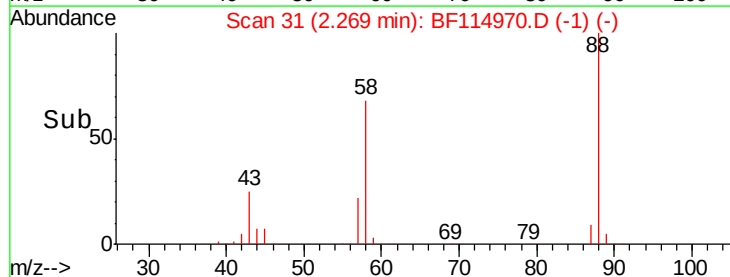
#2

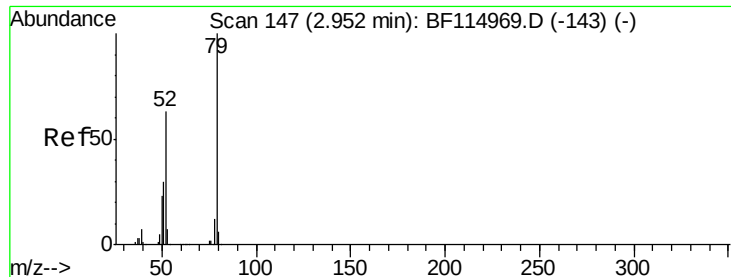
1,4-Dioxane
Concen: 49.286 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion: 88 Resp: 328732
Ion Ratio Lower Upper
88 100
58 66.8 53.4 80.2
43 24.6 19.7 29.5



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: 50.165 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

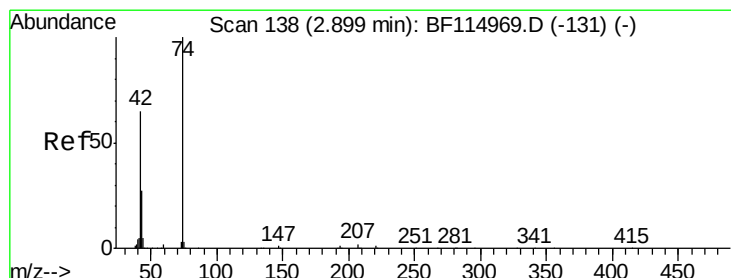
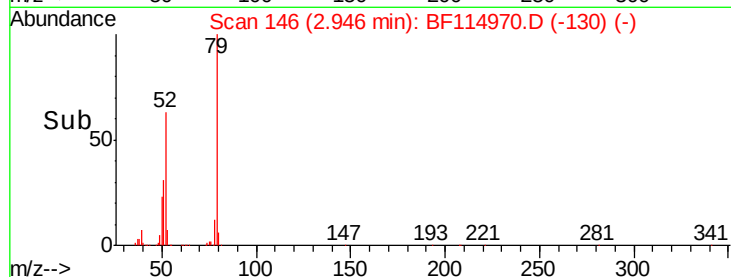
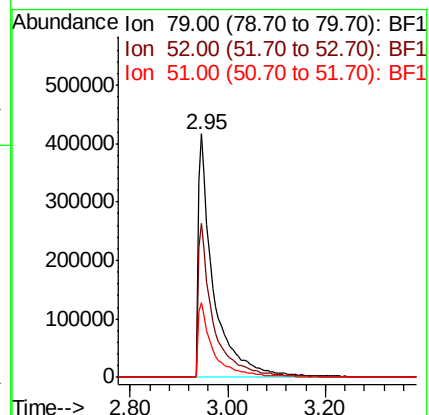
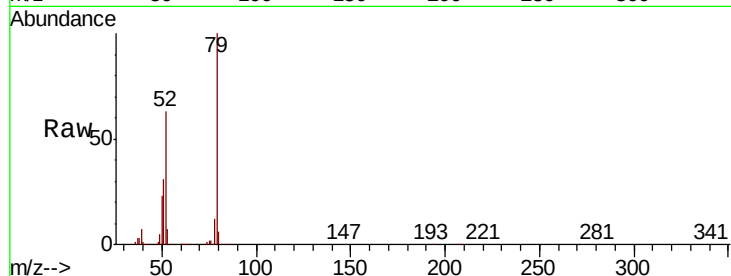
Tot Ion: 79 Resp: 931390

Ion Ratio Lower Upper

79 100

52 63.3 50.3 75.5

51 30.7 24.4 36.6



#4

n-Nitrosodimethylamine

Concen: 48.208 ng

RT: 2.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

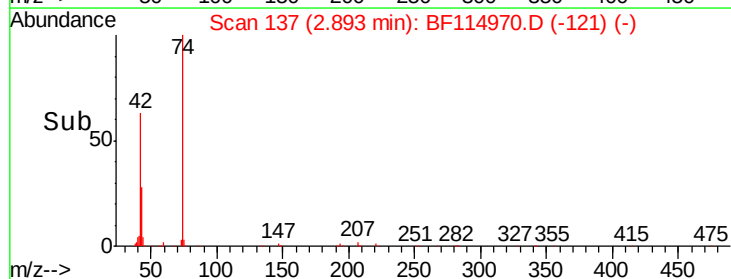
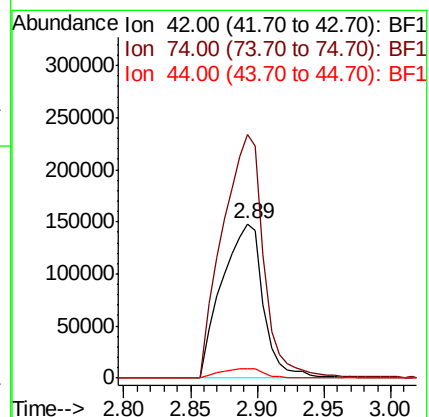
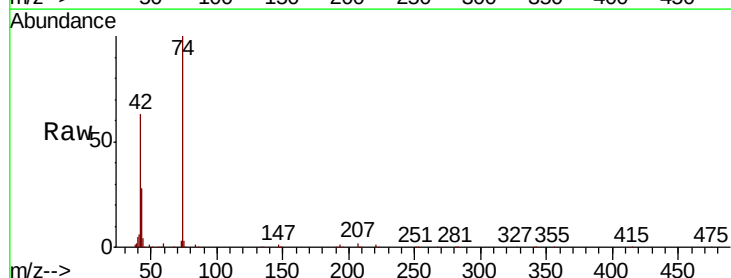
Tgt Ion: 42 Resp: 321491

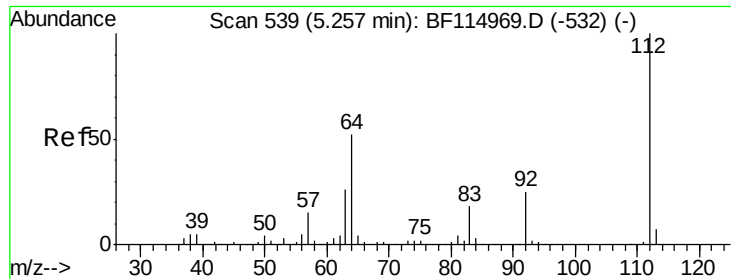
Ion Ratio Lower Upper

42 100

74 158.0 122.2 183.2

44 6.1 5.8 8.8





#5

2-Fluorophenol

Concen: 98.553 ng

RT: 5.26 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

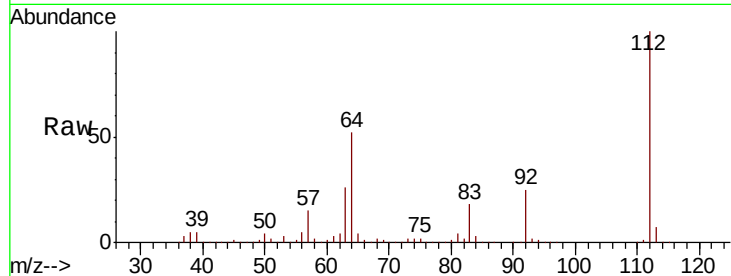
Tot Ion: 112 Resp: 1385239

Ion Ratio Lower Upper

112 100

64 51.6 41.6 62.4

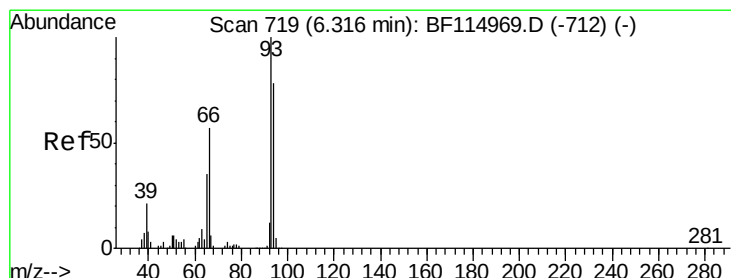
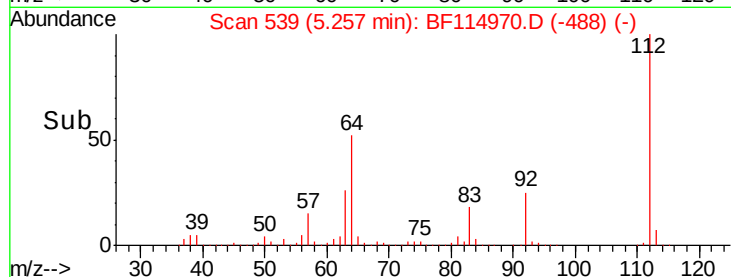
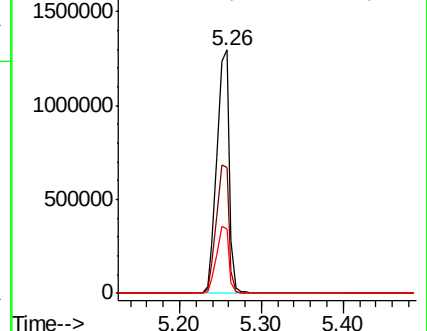
63 26.4 20.9 31.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 48.245 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

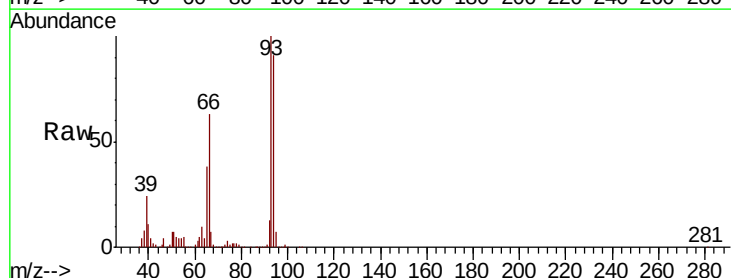
Tgt Ion: 93 Resp: 1107965

Ion Ratio Lower Upper

93 100

66 63.1 46.2 69.2

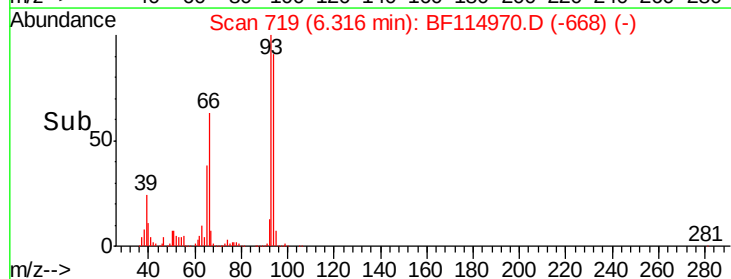
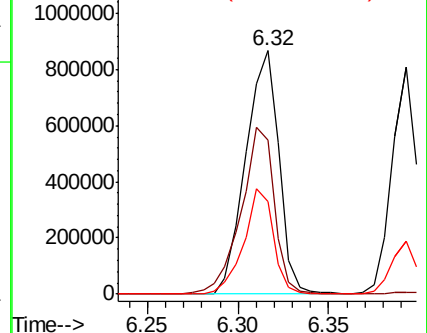
65 37.9 27.7 41.5

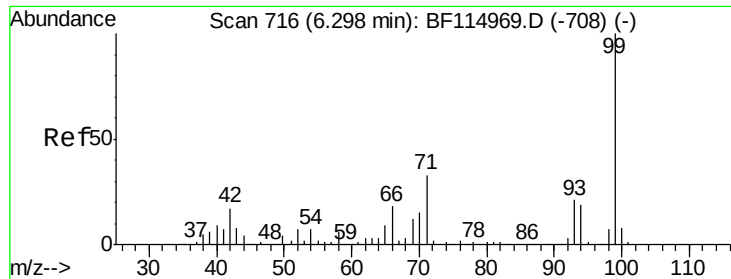


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.855 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

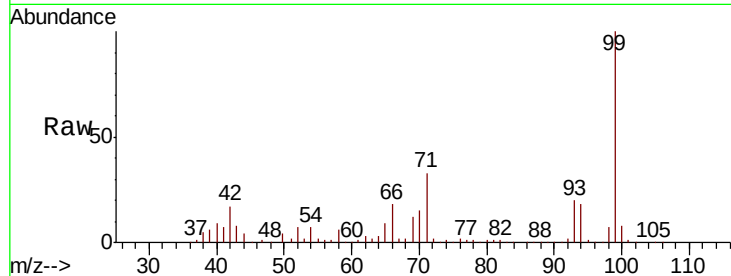
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1659022

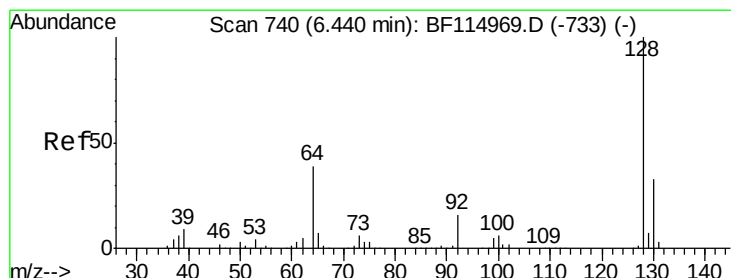
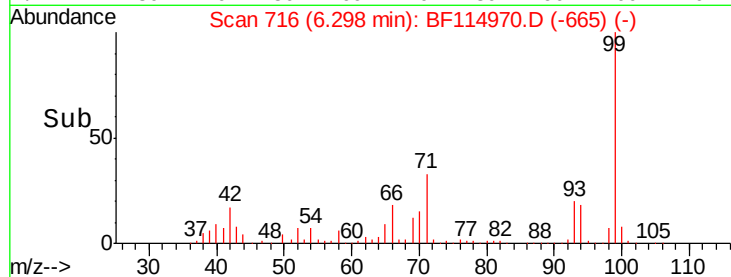
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	32.6	26.4	39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.147 ng

RT: 6.44 min Scan# 740

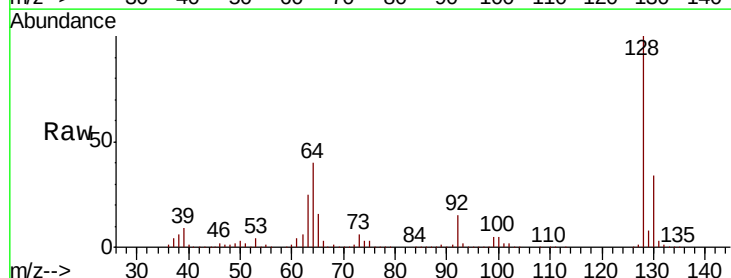
Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Tgt Ion: 128 Resp: 788406

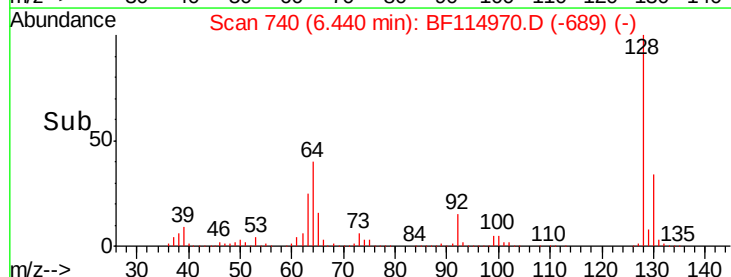
Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.4	53.4
64	40.5	20.1	60.1

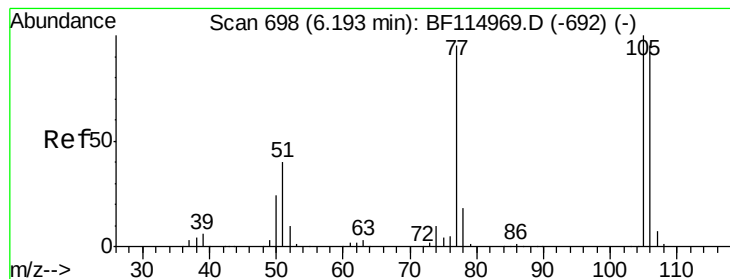


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.209 ng

RT: 6.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF114970.D

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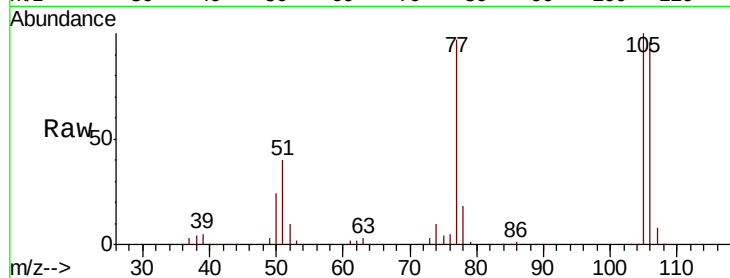
Tot Ion: 77 Resp: 468866

Ion Ratio Lower Upper

77 100

105 103.4 85.1 125.1

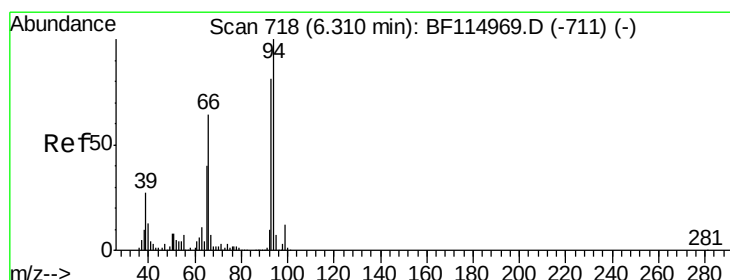
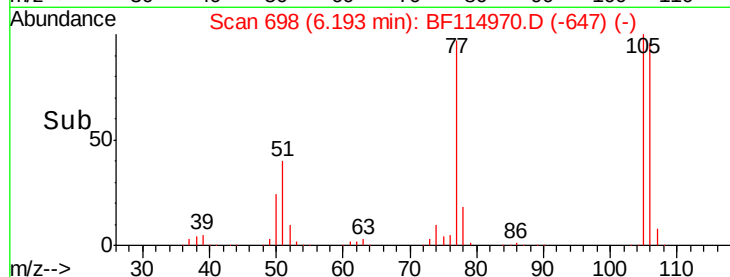
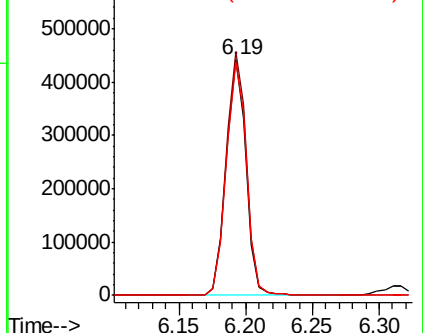
106 99.1 80.0 120.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 48.863 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

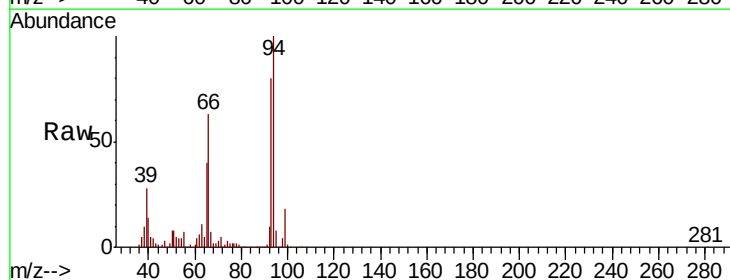
Tgt Ion: 94 Resp: 923750

Ion Ratio Lower Upper

94 100

65 40.2 20.0 60.0

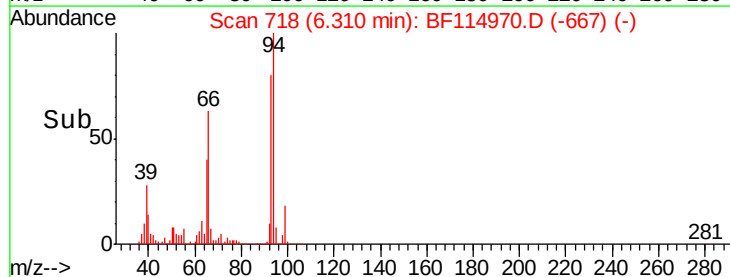
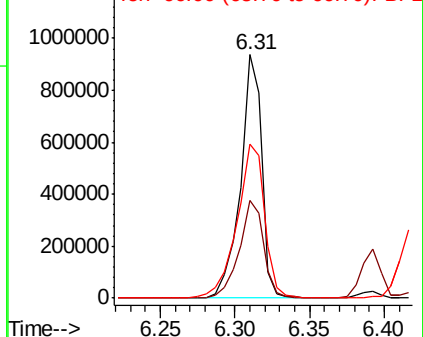
66 63.3 44.1 84.1

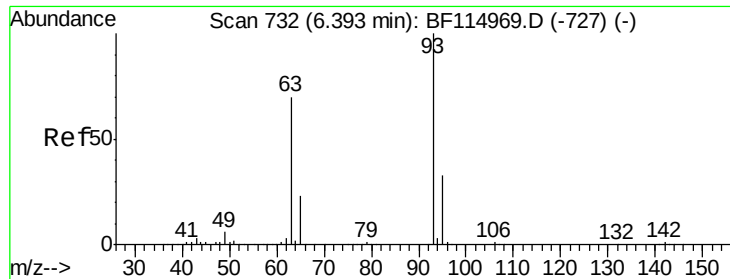


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 48.939 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

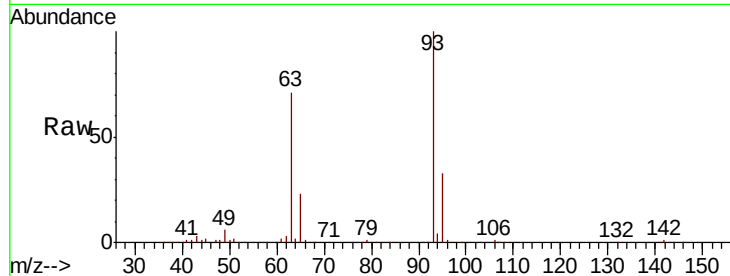
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 737369

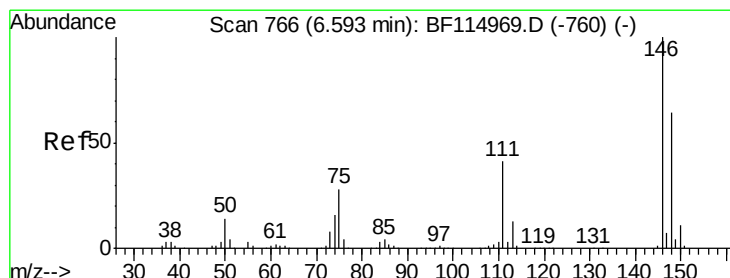
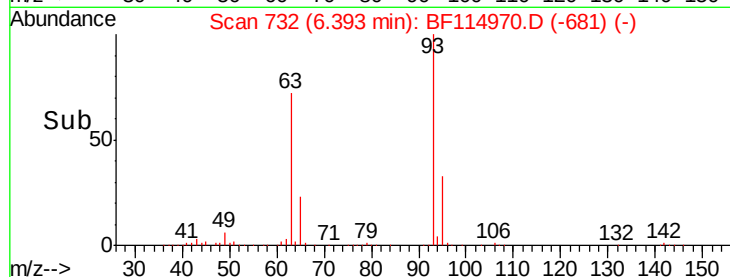
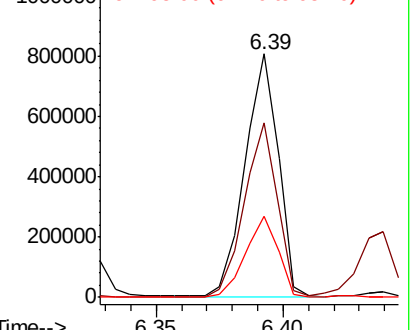
Ion	Ratio	Lower	Upper
93	100		
63	71.5	49.8	89.8
95	33.1	13.3	53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 49.796 ng

RT: 6.59 min Scan# 766

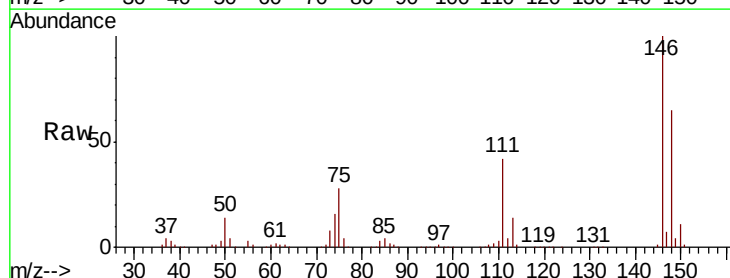
Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Tgt Ion: 146 Resp: 927091

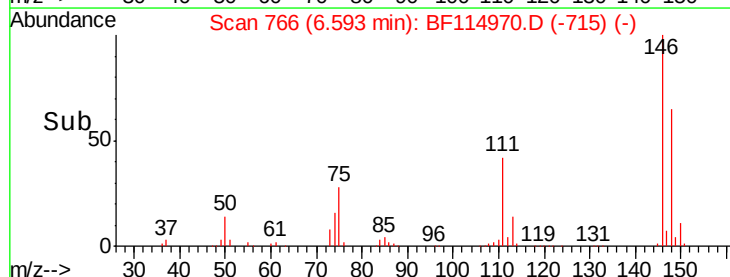
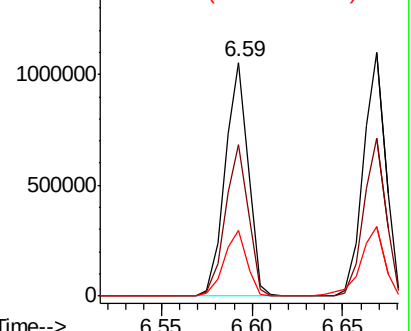
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
75	28.3	22.3	33.5

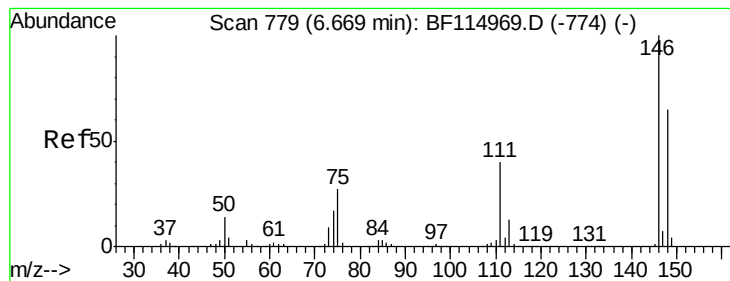


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 50.220 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

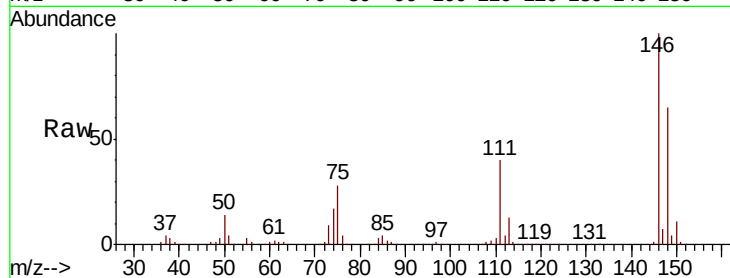
Tot Ion:146 Resp: 937598

Ion Ratio Lower Upper

146 100

148 64.9 52.2 78.2

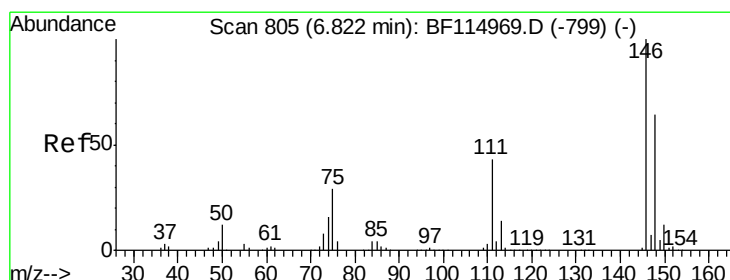
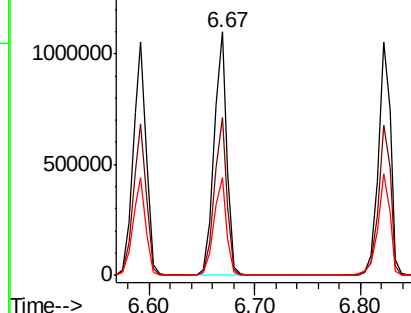
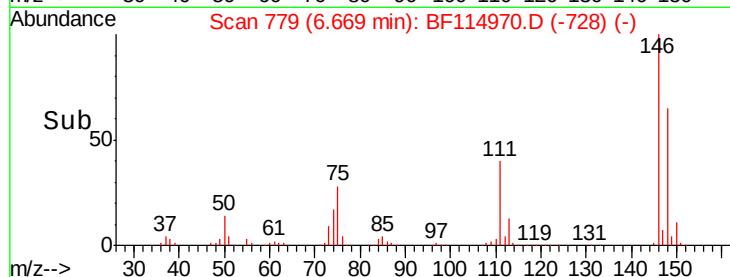
111 40.2 32.4 48.6



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: 50.175 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

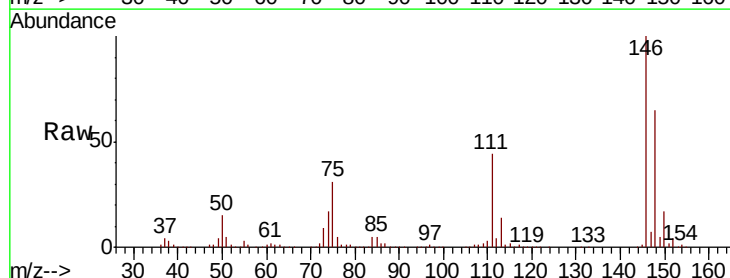
Tgt Ion:146 Resp: 850253

Ion Ratio Lower Upper

146 100

148 64.6 51.5 77.3

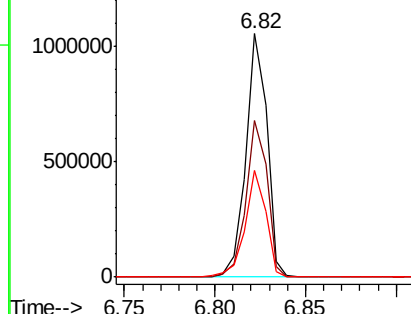
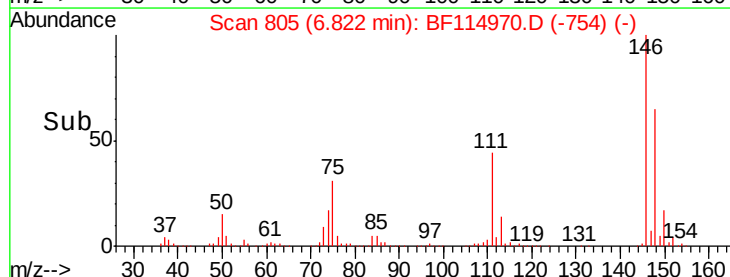
111 43.7 34.6 51.8

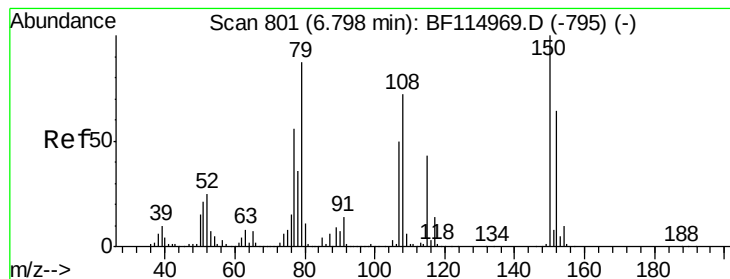


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.298 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

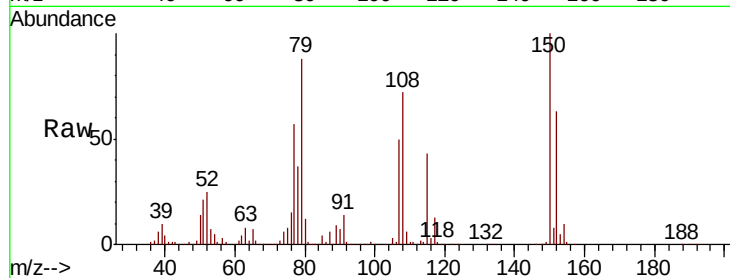
Tot Ion: 79 Resp: 615329

Ion Ratio Lower Upper

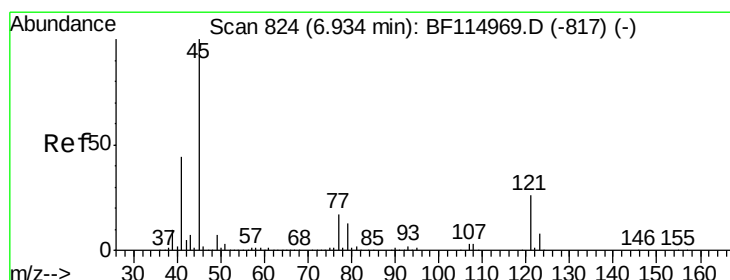
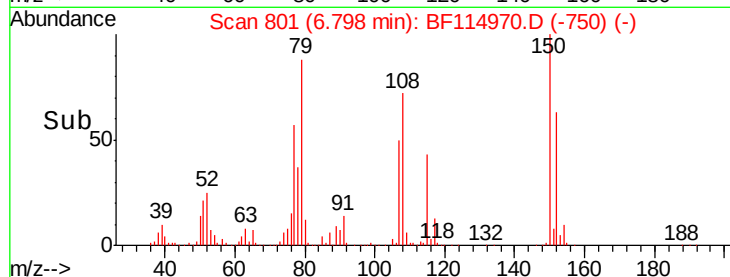
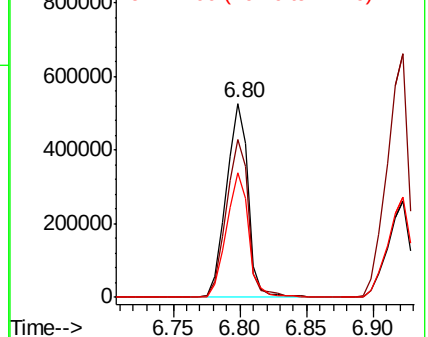
79 100

108 81.5 66.0 99.0

77 64.4 51.1 76.7



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: 48.016 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

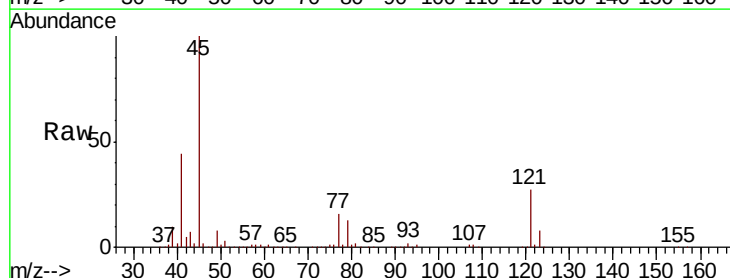
Tgt Ion: 45 Resp: 994979

Ion Ratio Lower Upper

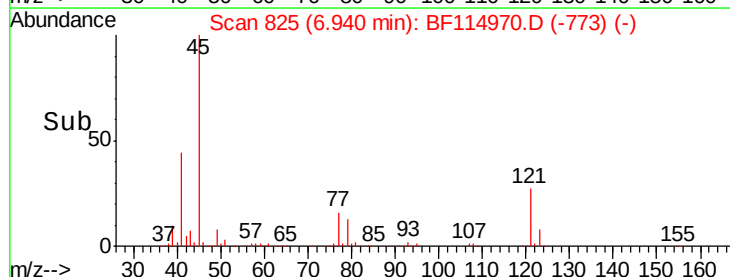
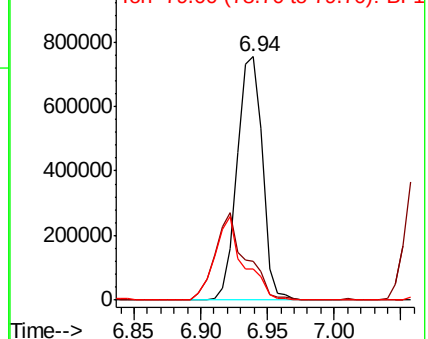
45 100

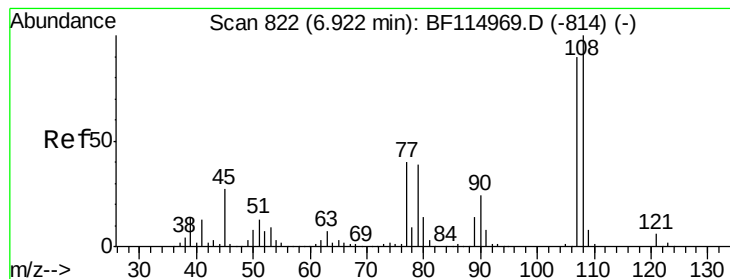
77 16.1 0.0 37.0

79 12.6 0.0 33.1



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: 48.638 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 653298

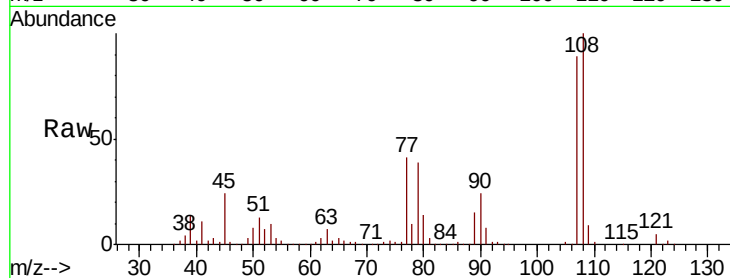
Ion Ratio Lower Upper

107 100

108 112.8 89.3 133.9

77 46.4 35.4 53.2

79 44.4 34.9 52.3

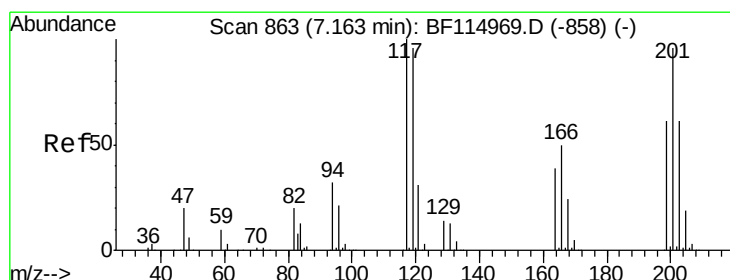
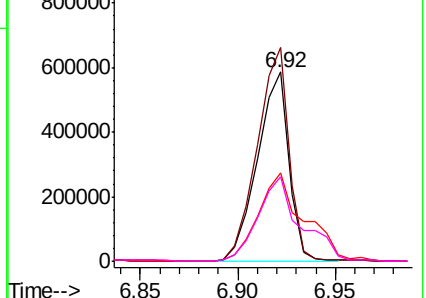
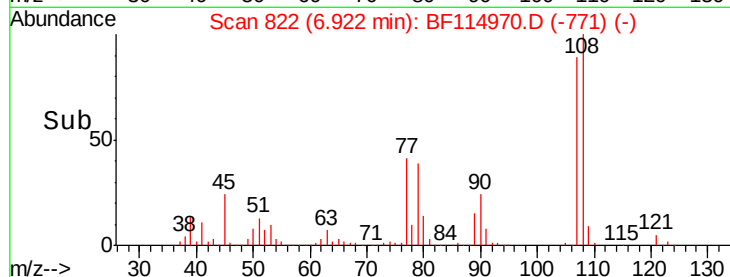


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.157 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

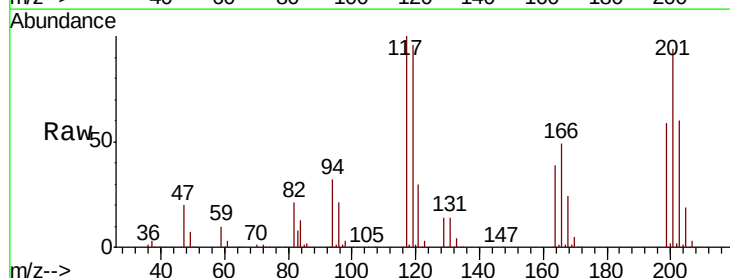
Tgt Ion:117 Resp: 338218

Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

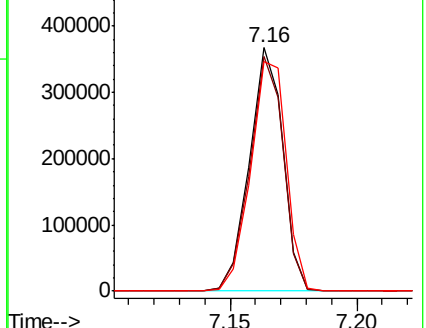
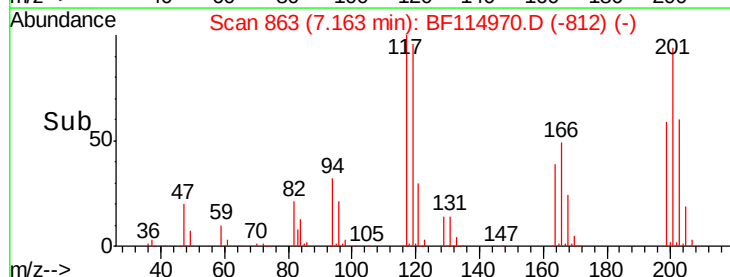
201 94.0 76.6 115.0

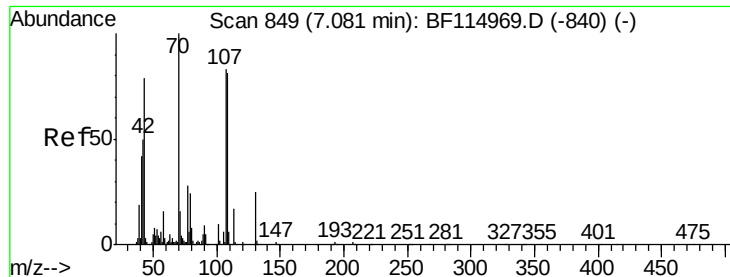


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

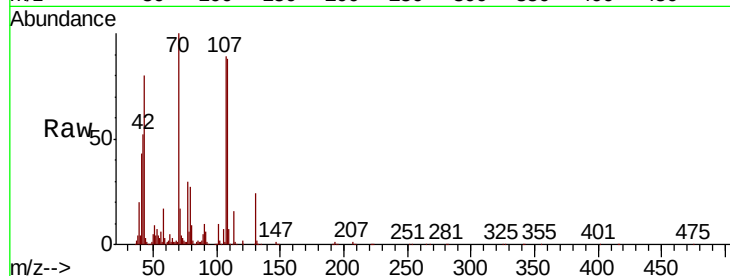




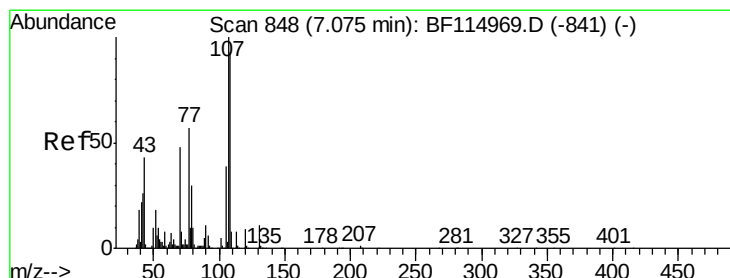
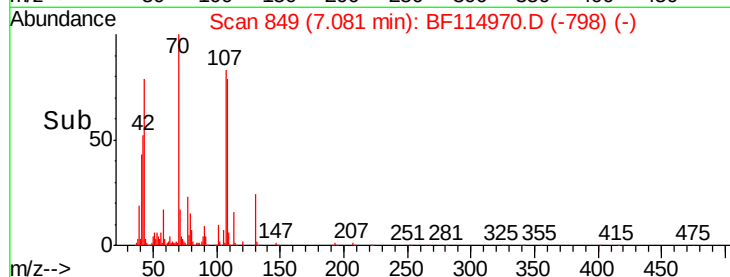
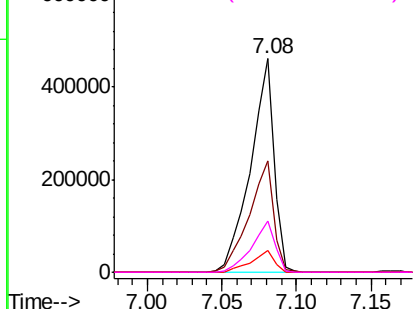
#19
n-Nitroso-di-n-propylamine
Concen: 47.267 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	501112
Ion	Ratio	Lower	Upper
70	100		
42	52.3	40.3	60.5
101	10.4	8.2	12.4
130	24.2	20.3	30.5

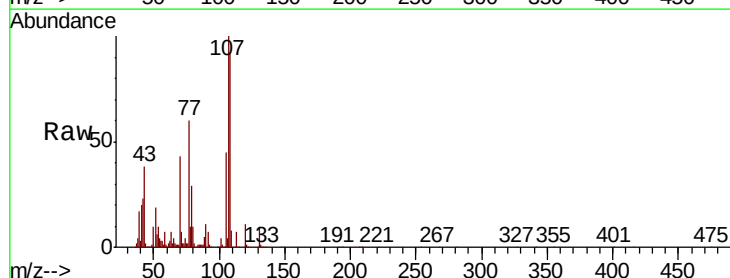


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

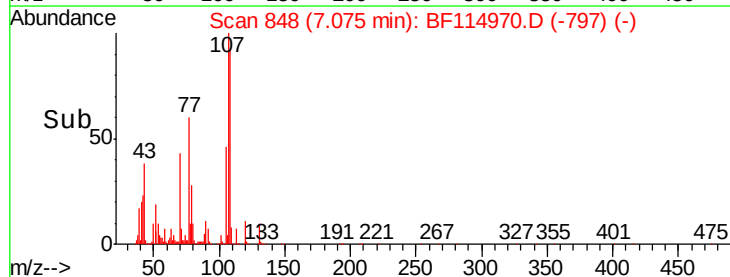
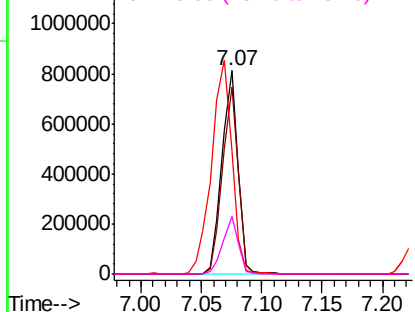


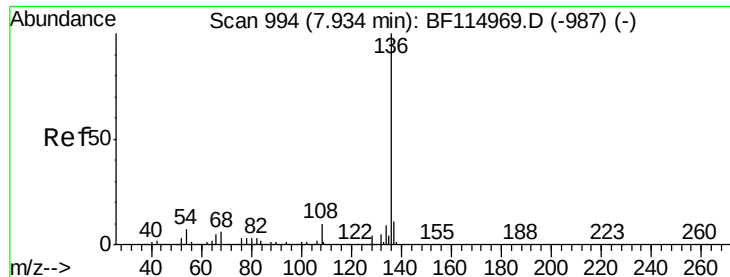
#20
3+4-Methylphenols
Concen: 49.536 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:	107	Resp:	744991
Ion	Ratio	Lower	Upper
107	100		
108	91.7	73.1	113.1
77	60.2	37.3	77.3
79	28.6	9.6	49.6



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

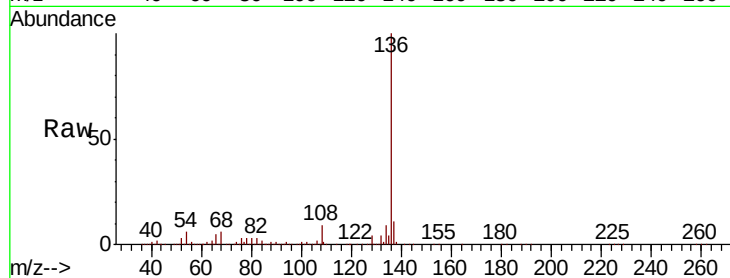




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 965014
Ion Ratio	Lower Upper
136 100	
137 11.4	9.0 13.4
54 6.5	5.4 8.0
68 5.7	4.6 7.0



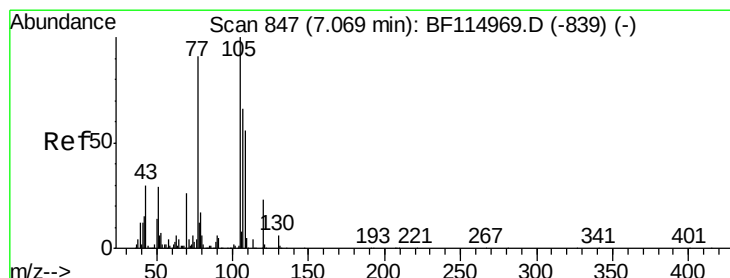
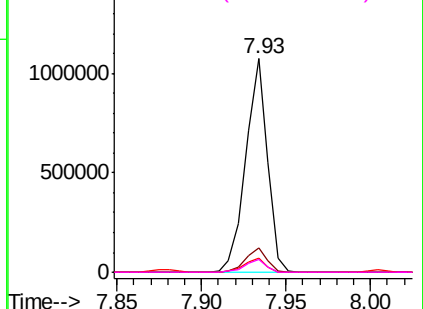
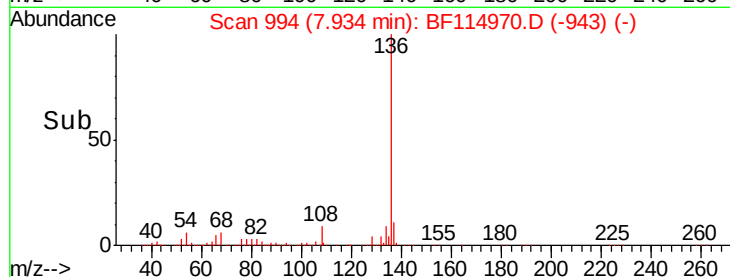
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

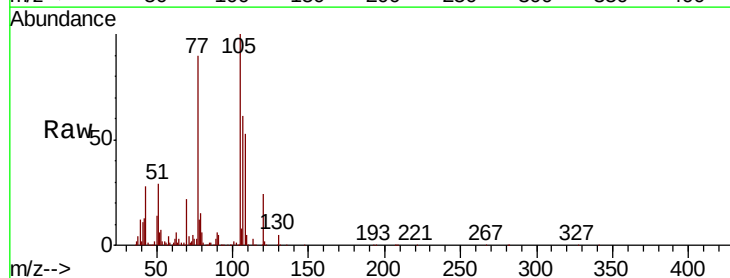
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 49.104 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt	Ion:105	Resp:	1060710
Ion	Ratio	Lower	Upper
105	100		
71	3.8	3.4	5.2
51	29.0	23.3	34.9
120	23.5	18.8	28.2



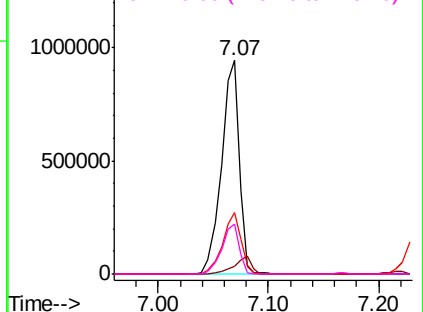
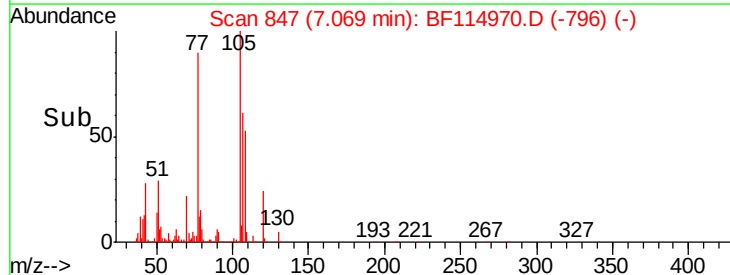
Abundance

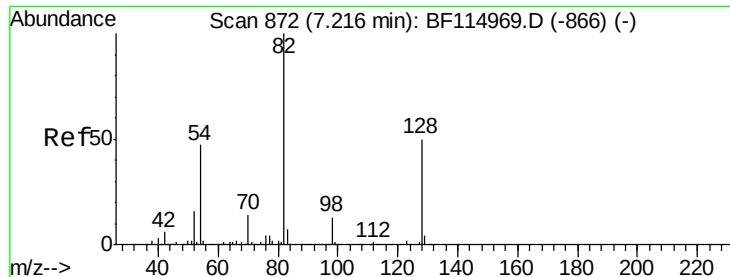
Ion 105.00 (104.70 to 105.70): E

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

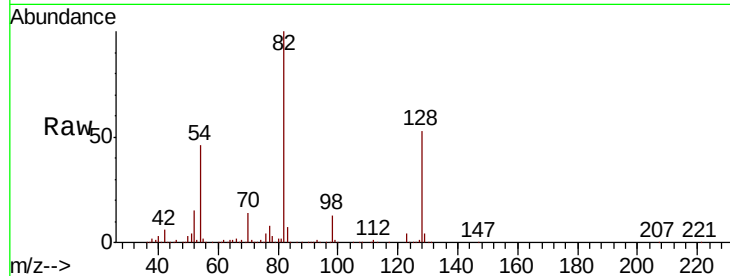




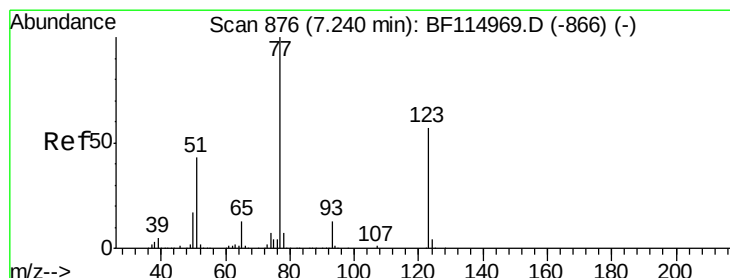
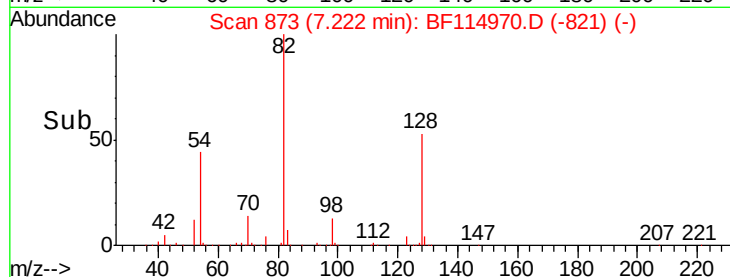
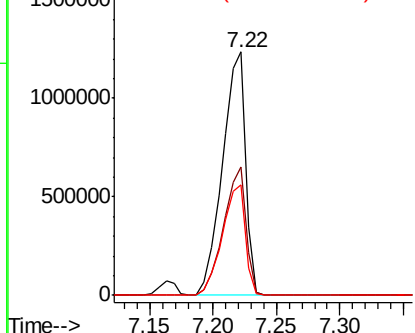
#23
 Nitrobenzene-d5
 Concen: 98.864 ng
 RT: 7.22 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1552771
 Ion Ratio Lower Upper
 82 100
 128 52.5 39.9 59.9
 54 45.5 37.3 55.9

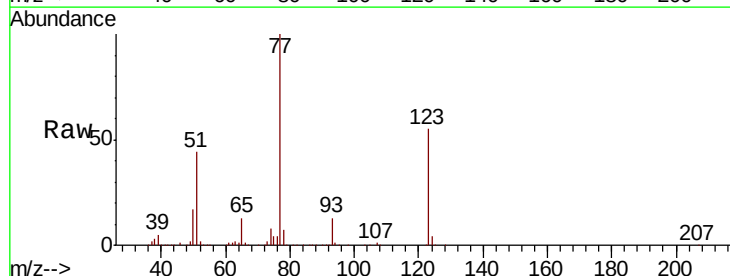


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

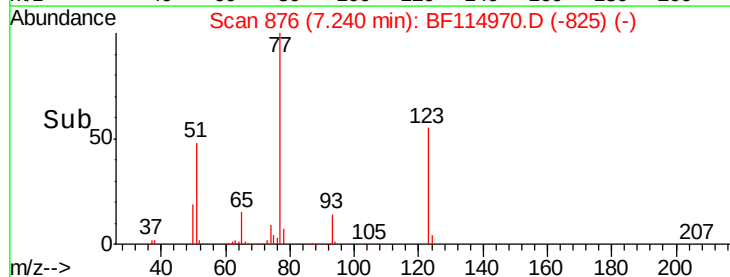
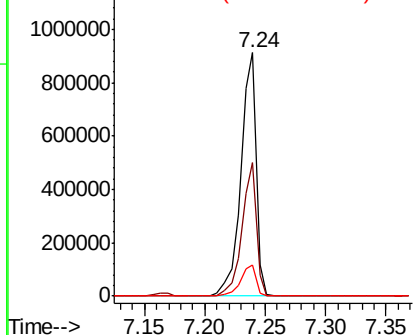


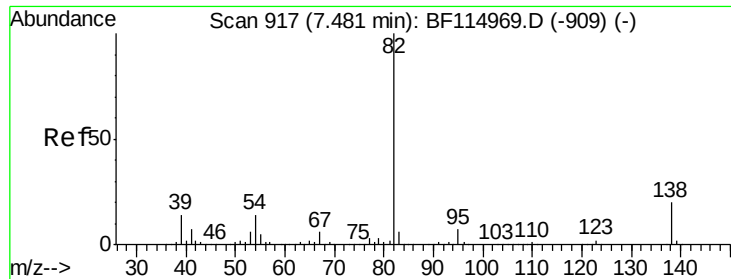
#24
 Nitrobenzene
 Concen: 49.528 ng
 RT: 7.24 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion: 77 Resp: 809217
 Ion Ratio Lower Upper
 77 100
 123 55.0 45.5 68.3
 65 12.9 10.3 15.5



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

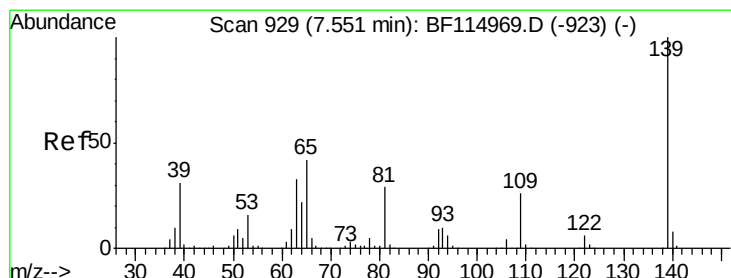
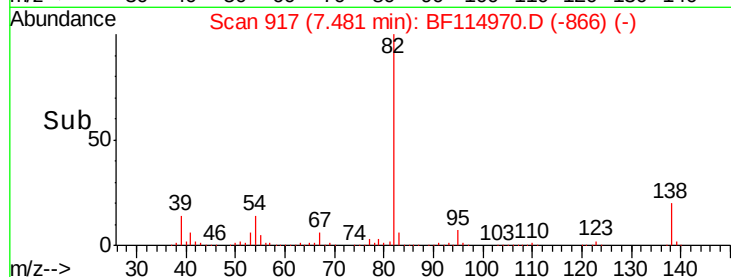
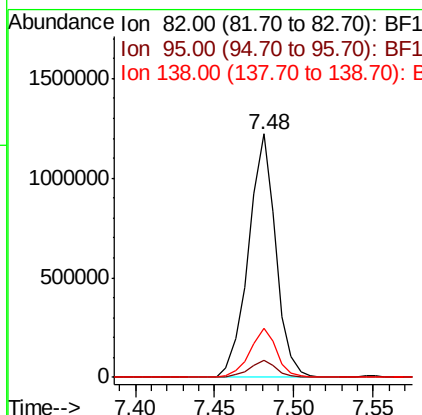
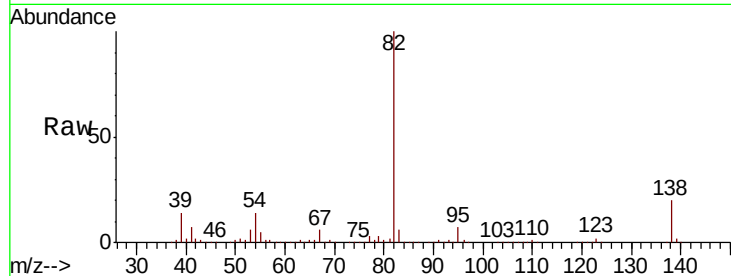




#25
Isophorone
Concen: 47.322 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

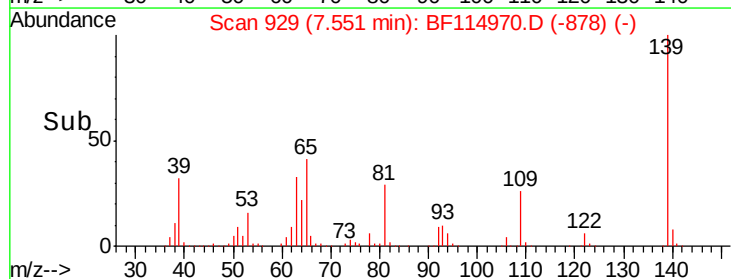
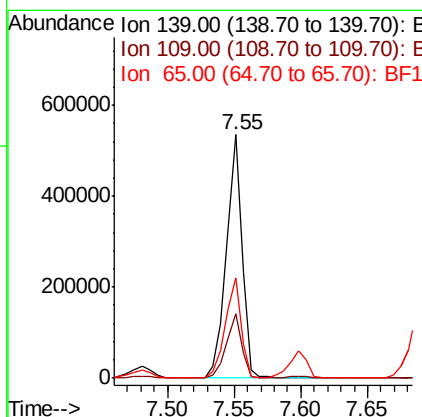
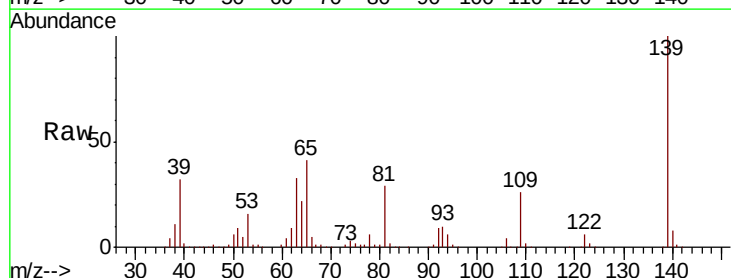
Instrument :
BNA_F
ClientSampleId :

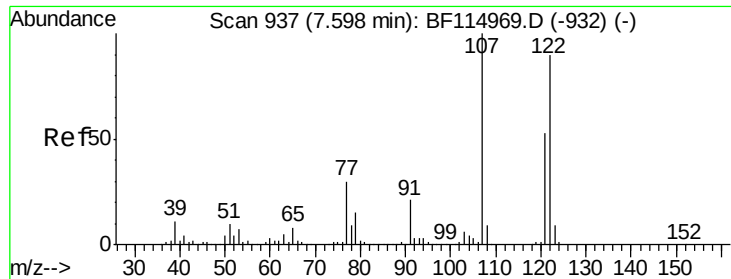
Tot Ion: 82 Resp: 1455440
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.9 16.1 24.1



#26
2-Nitrophenol
Concen: 49.783 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion: 139 Resp: 451889
Ion Ratio Lower Upper
139 100
109 26.2 20.8 31.2
65 41.4 33.4 50.2

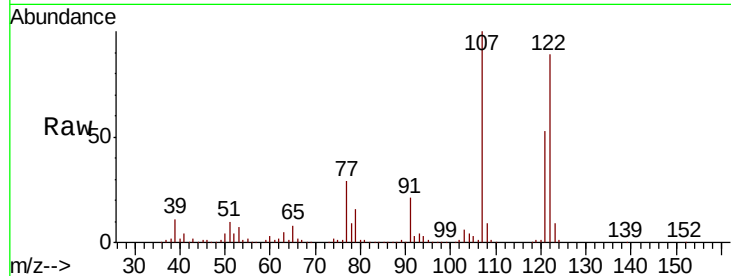




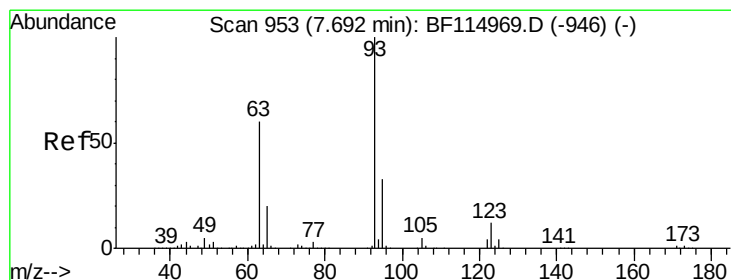
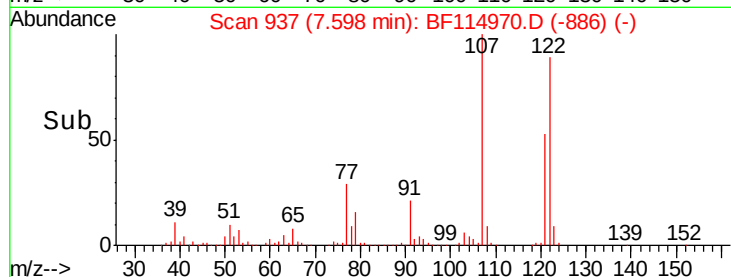
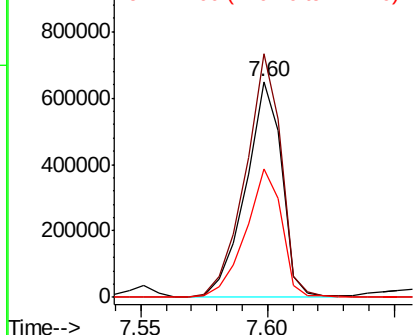
#27
 2,4-Dimethylphenol
 Concen: 48.585 ng
 RT: 7.60 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 645348
 Ion Ratio Lower Upper
 122 100
 107 112.9 88.8 133.2
 121 59.7 47.4 71.0

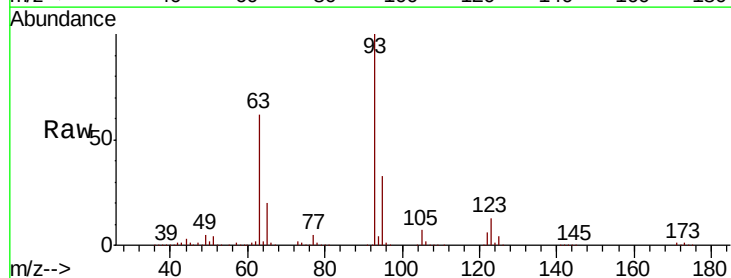


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

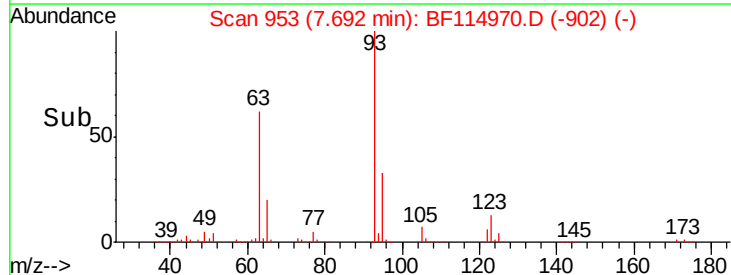
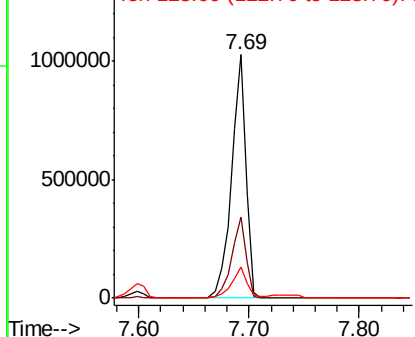


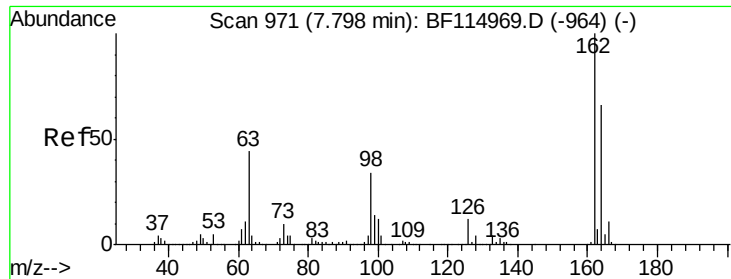
#28
 bis(2-Chloroethoxy)methane
 Concen: 47.981 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion: 93 Resp: 944005
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.6 40.0
 123 12.6 9.9 14.9



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

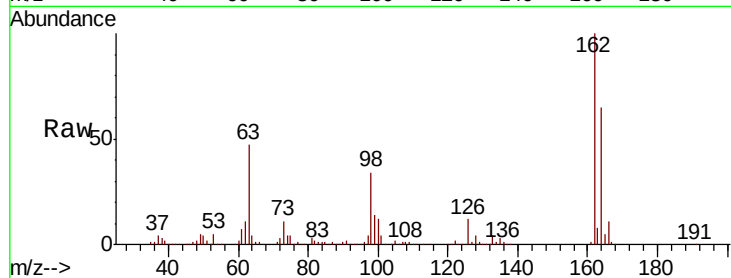




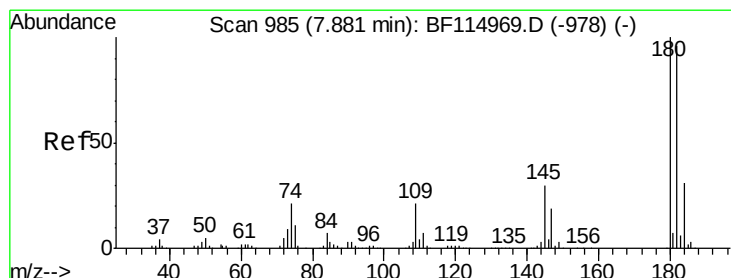
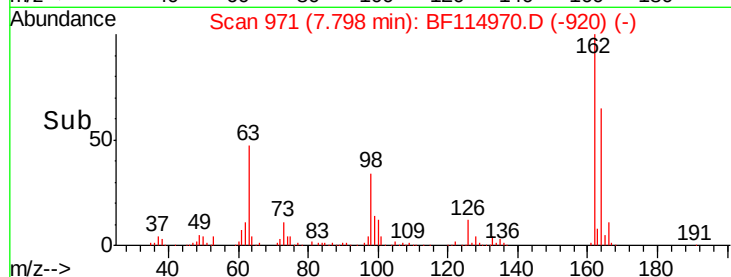
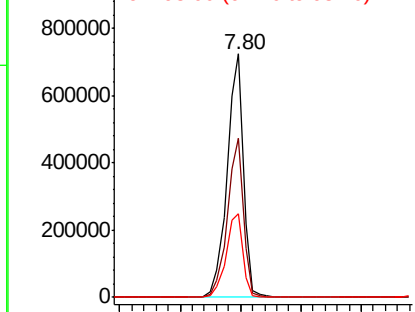
#29
2,4-Dichlorophenol
Concen: 48.814 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 679002
Ion Ratio Lower Upper
162 100
164 65.4 45.7 85.7
98 34.1 14.0 54.0

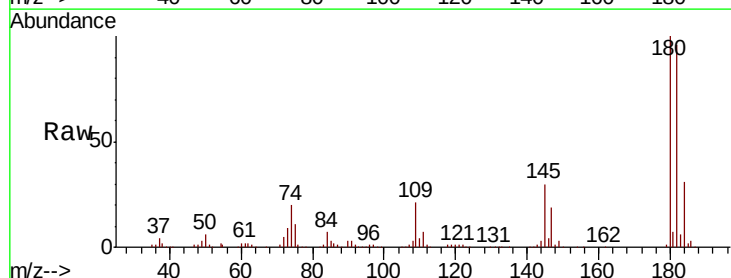


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

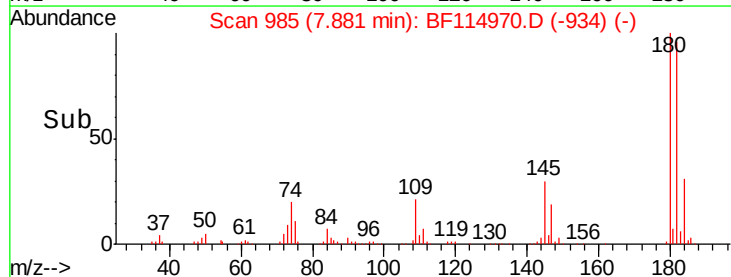
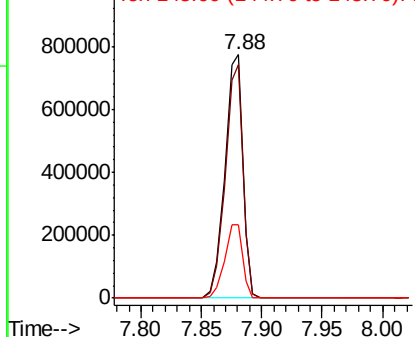


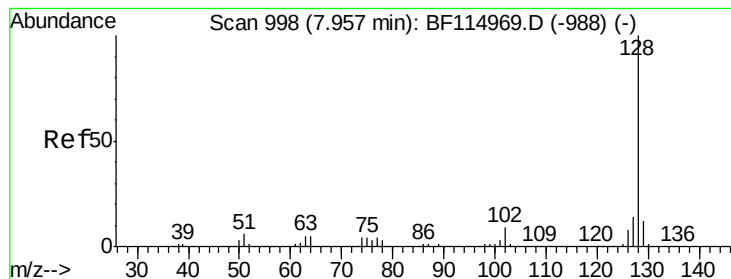
#30
1,2,4-Trichlorobenzene
Concen: 49.748 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:180 Resp: 794156
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 29.9 24.1 36.1



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: 50.254 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

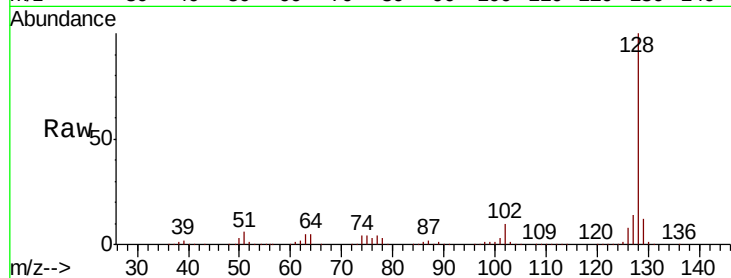
Tot Ion:128 Resp: 2234585

Ion Ratio Lower Upper

128 100

129 12.1 9.5 14.3

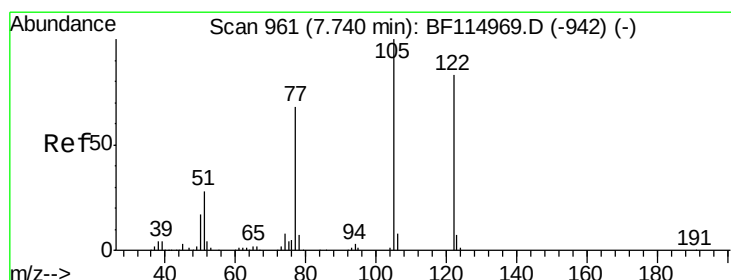
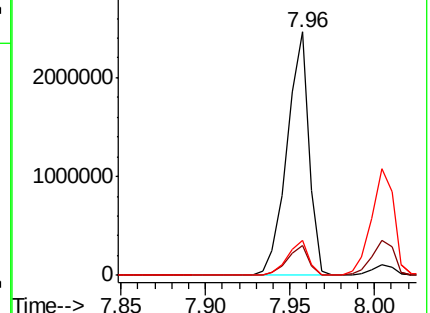
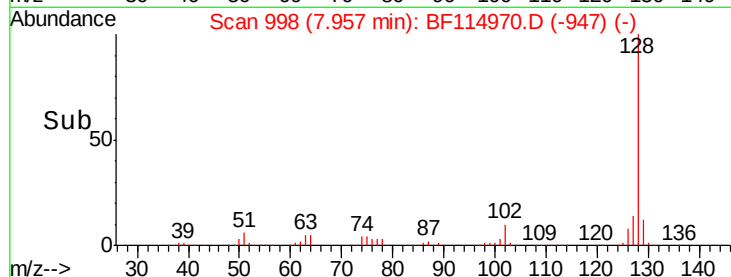
127 14.3 11.5 17.3



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: 47.340 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

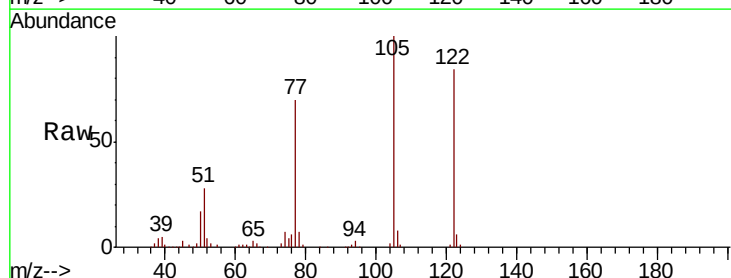
Tgt Ion:122 Resp: 469697

Ion Ratio Lower Upper

122 100

105 118.4 98.6 138.6

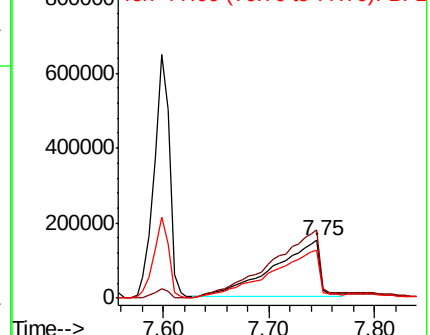
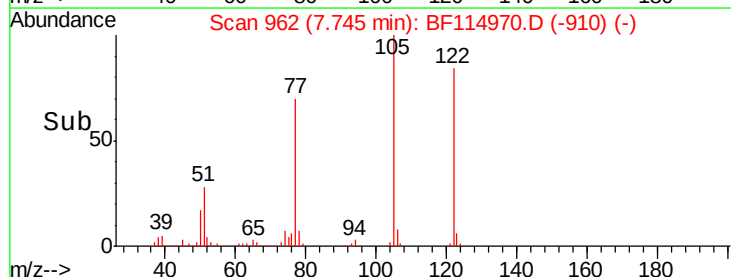
77 83.2 60.9 100.9

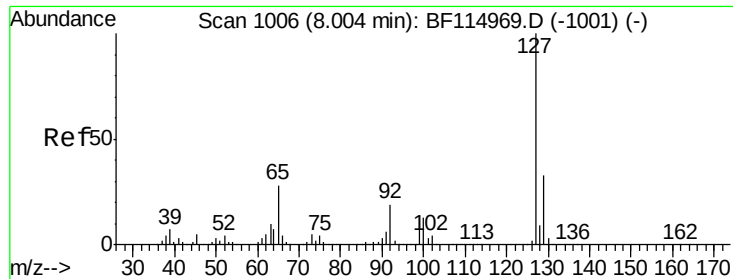


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



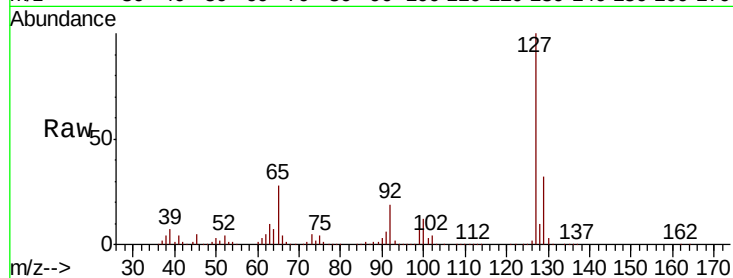


#33
 4-Chloroaniline
 Concen: 48.883 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:127 Resp: 1025733

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	28.3	22.3	33.5
92	18.9	15.3	22.9



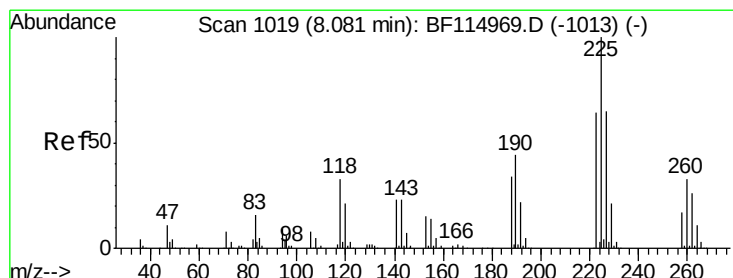
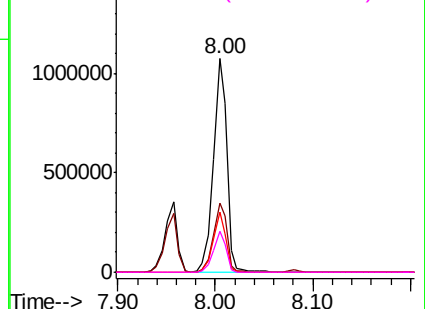
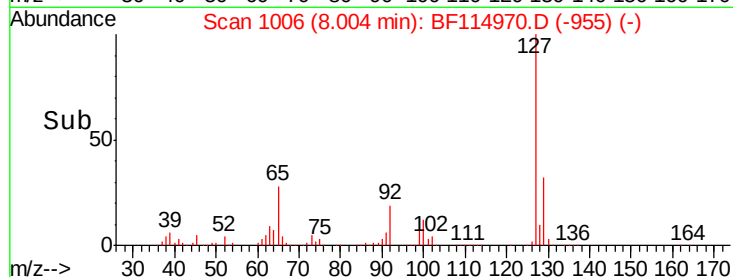
Abundance

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

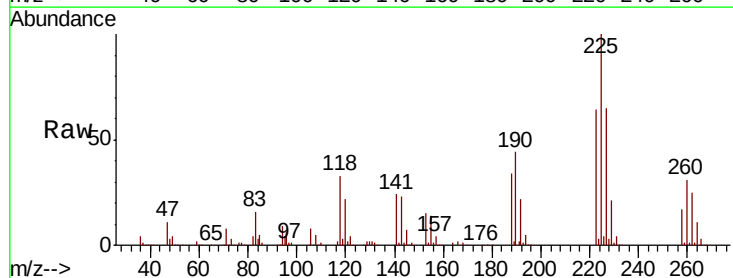
Ion 92.00 (91.70 to 92.70): BF1



#34
 Hexachlorobutadiene
 Concen: 49.334 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion:225 Resp: 441724

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	64.7	51.7	77.5

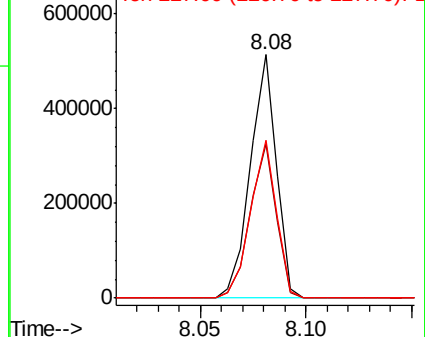
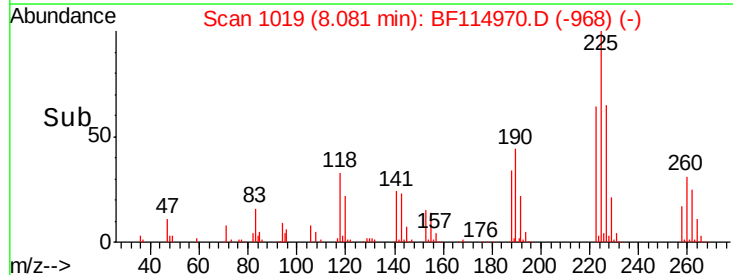


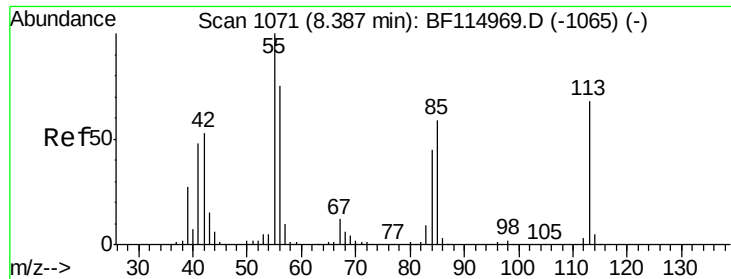
Abundance

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

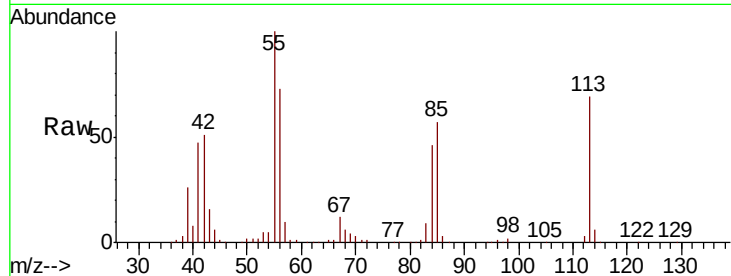




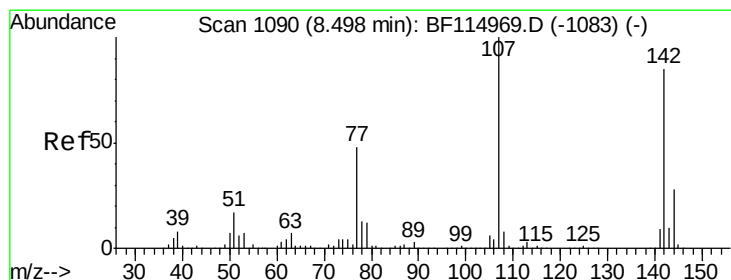
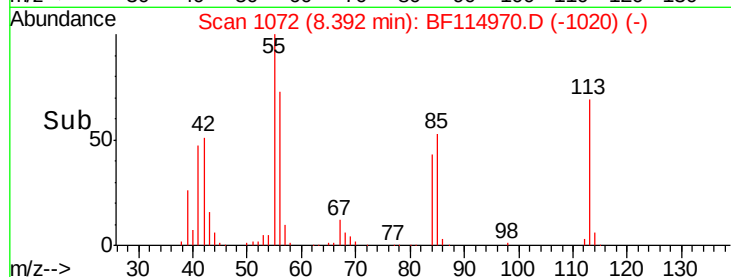
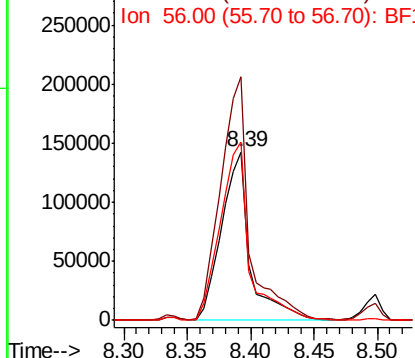
#35
 Caprolactam
 Concen: 47.366 ng
 RT: 8.39 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 221942
 Ion Ratio Lower Upper
 113 100
 55 144.8 127.3 167.3
 56 106.2 90.6 130.6

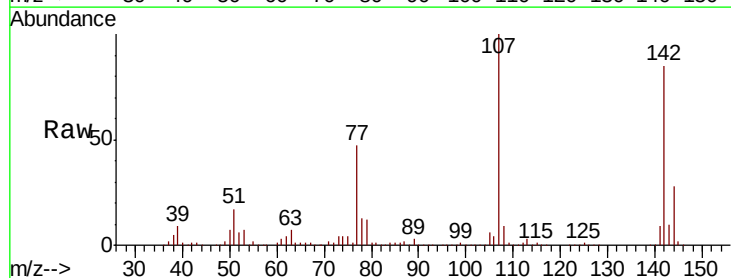


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

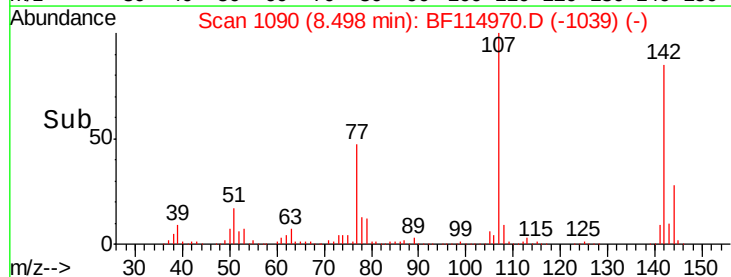
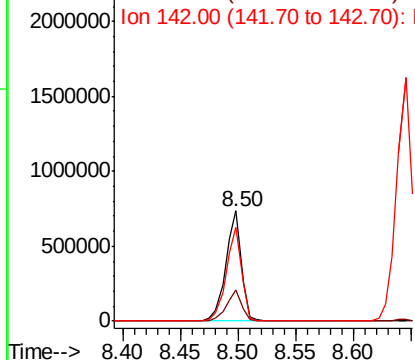


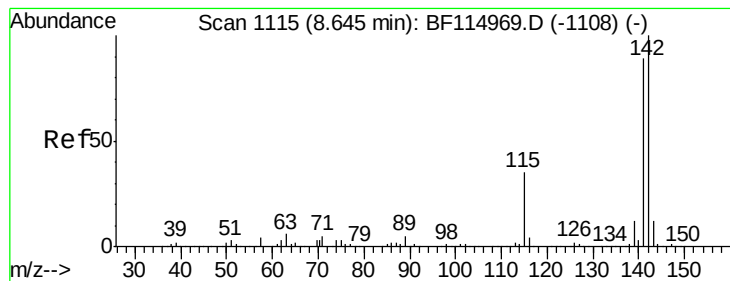
#36
 4-Chloro-3-methylphenol
 Concen: 48.056 ng
 RT: 8.50 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion:107 Resp: 678955
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.0 33.0
 142 85.2 68.2 102.4



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





#37

2-Methylnaphthalene

Concen: 49.575 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

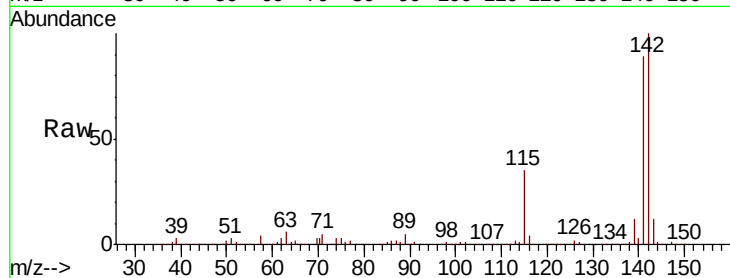
Tot Ion:142 Resp: 1497950

Ion Ratio Lower Upper

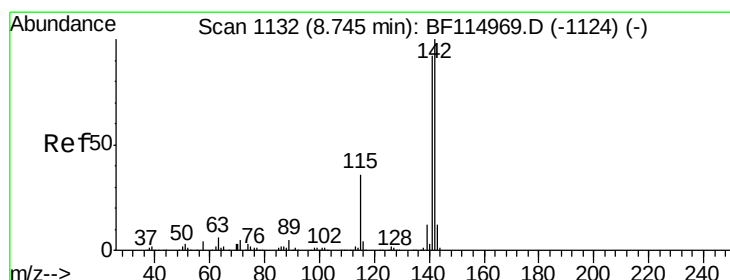
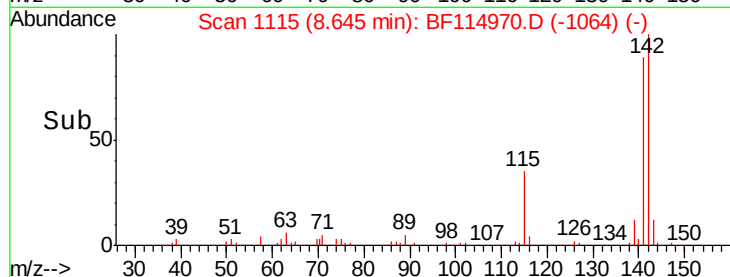
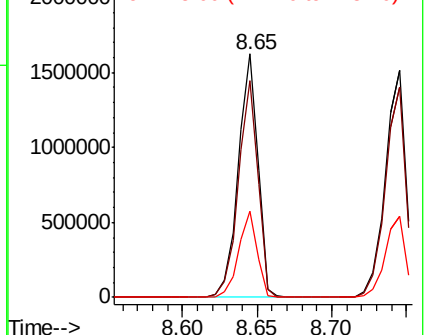
142 100

141 89.1 71.0 106.6

115 35.4 27.9 41.9



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



#38

1-Methylnaphthalene

Concen: 49.474 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

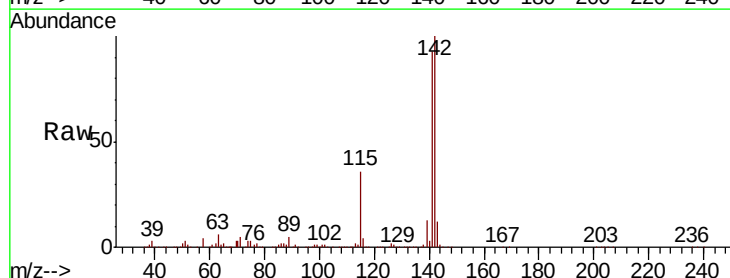
Tgt Ion:142 Resp: 1413863

Ion Ratio Lower Upper

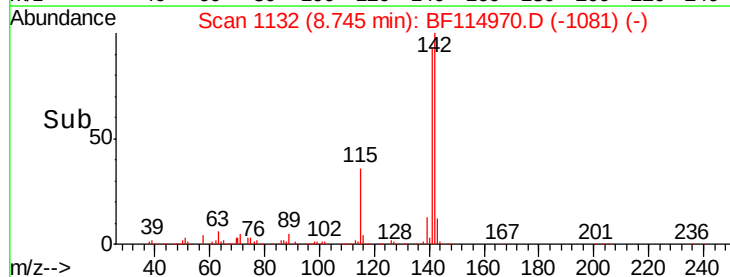
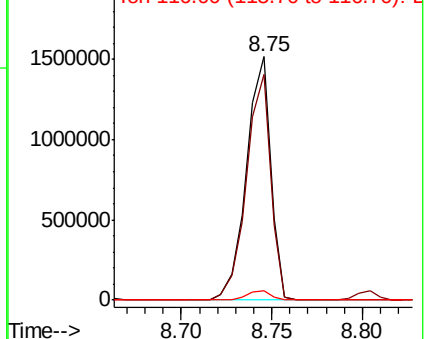
142 100

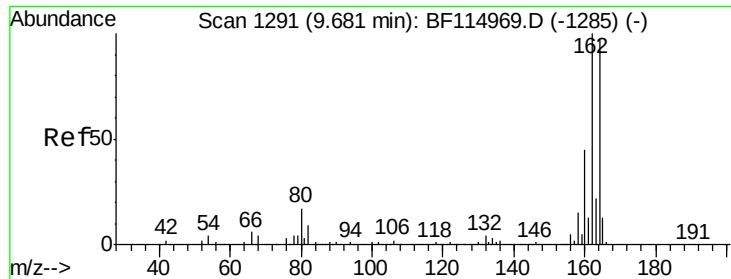
141 92.5 73.8 110.8

116 3.7 2.9 4.3



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

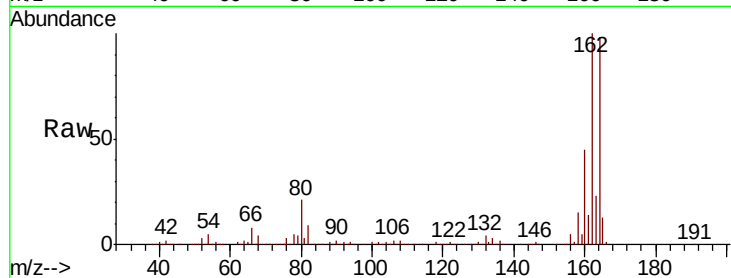




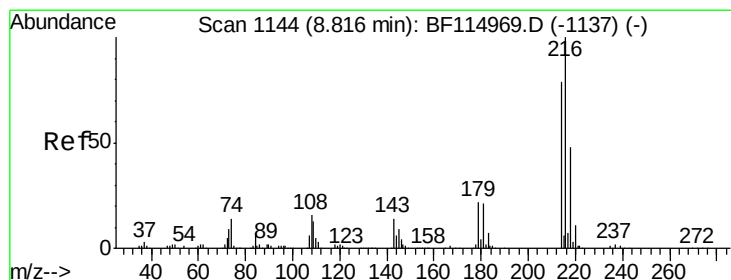
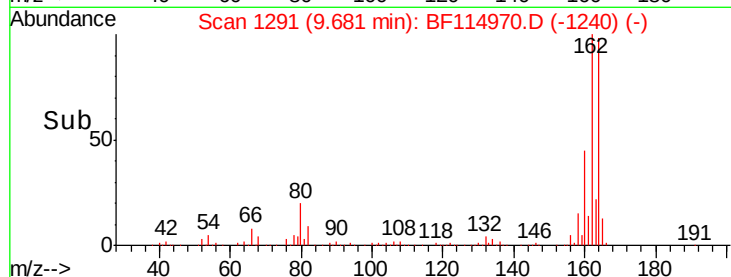
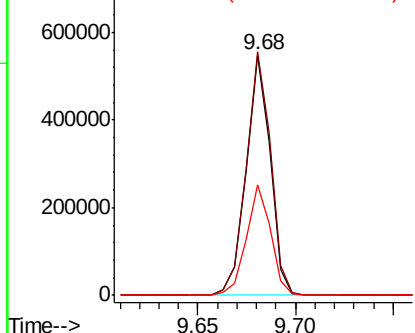
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	124.0
160	46.0	36.9	55.3



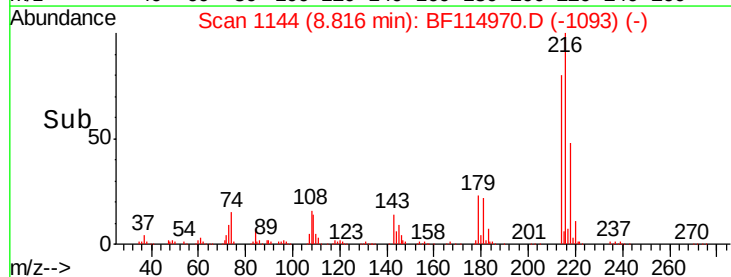
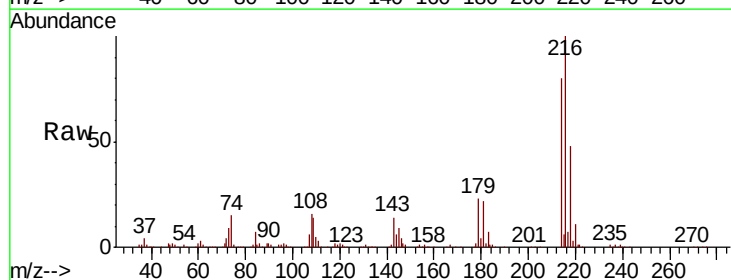
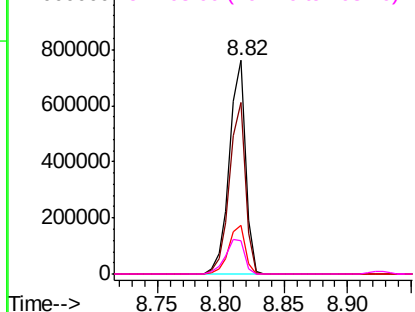
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

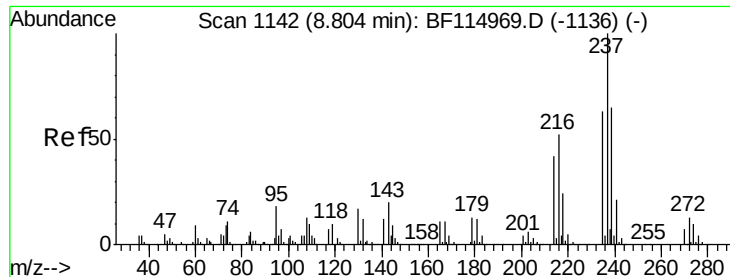


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.916 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.7	95.5
179	23.0	18.2	27.4
108	19.0	15.0	22.6

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.414 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

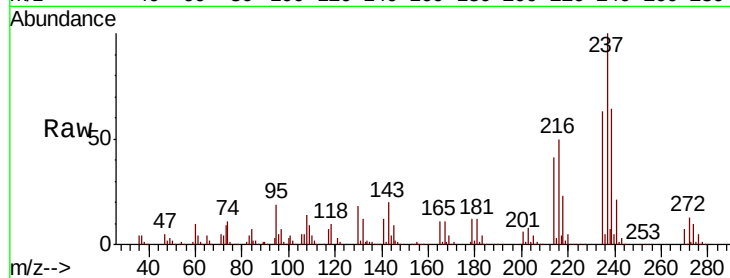
Tot Ion:237 Resp: 361850

Ion Ratio Lower Upper

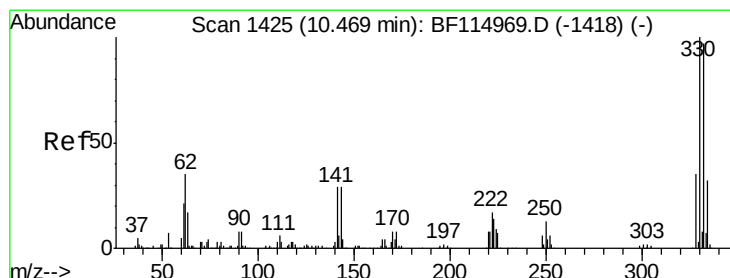
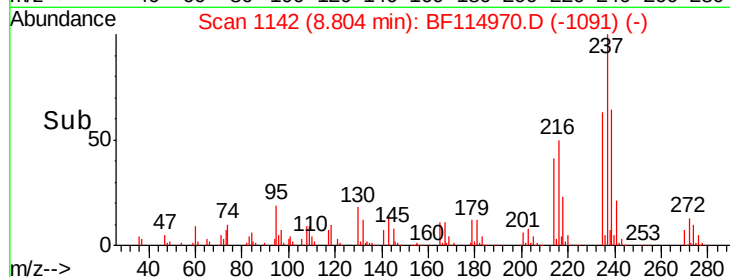
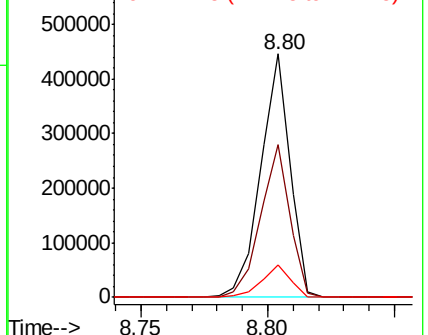
237 100

235 62.5 42.7 82.7

272 13.2 0.0 32.7



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: 94.891 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

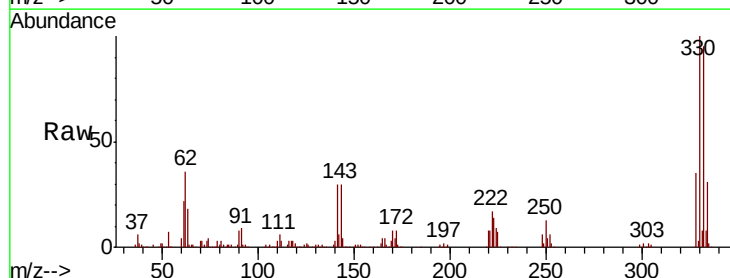
Tgt Ion:330 Resp: 482022

Ion Ratio Lower Upper

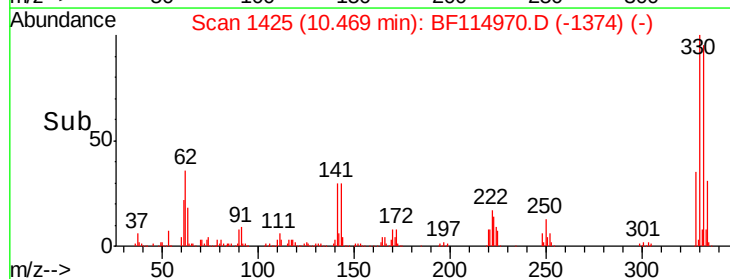
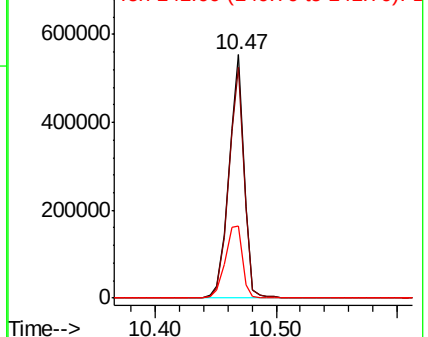
330 100

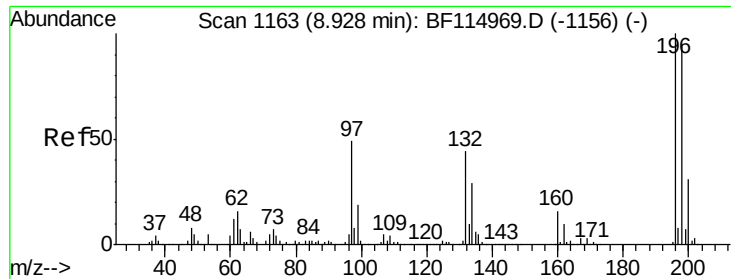
332 96.4 77.6 116.4

141 34.1 27.2 40.8



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

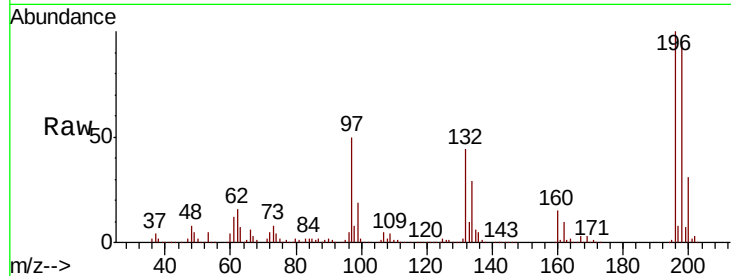




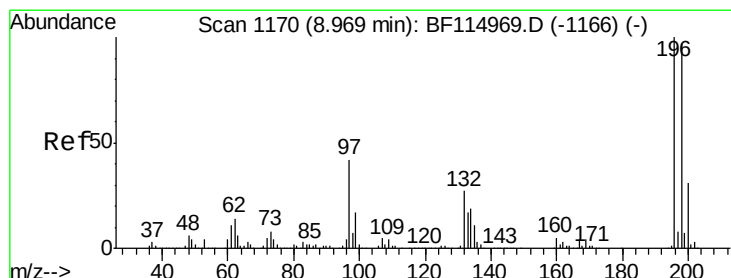
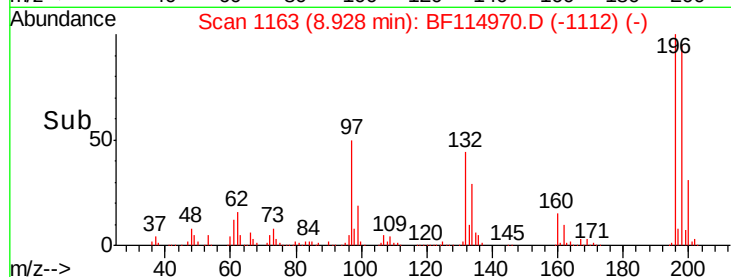
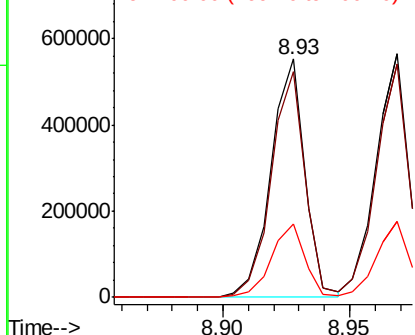
#43
 2,4,6-Trichlorophenol
 Concen: 50.174 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 511514
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.8 113.8
 200 30.8 24.9 37.3

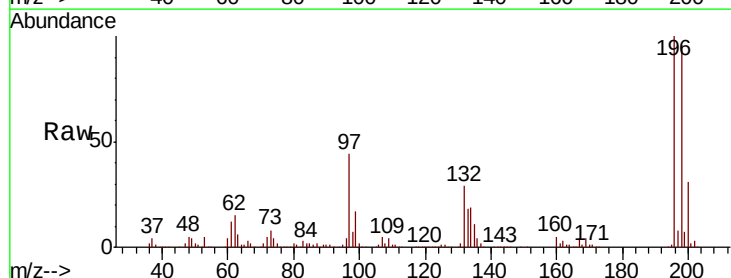


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

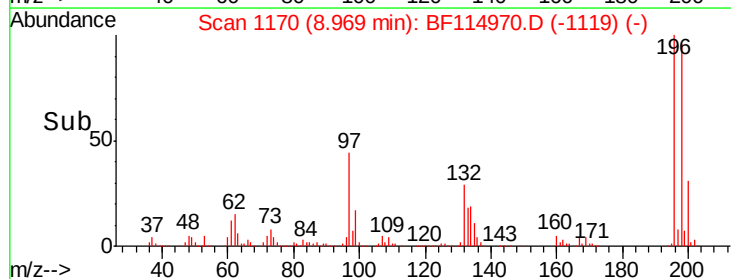
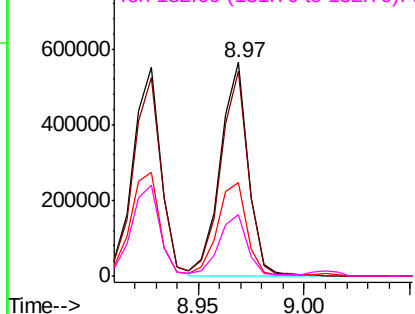


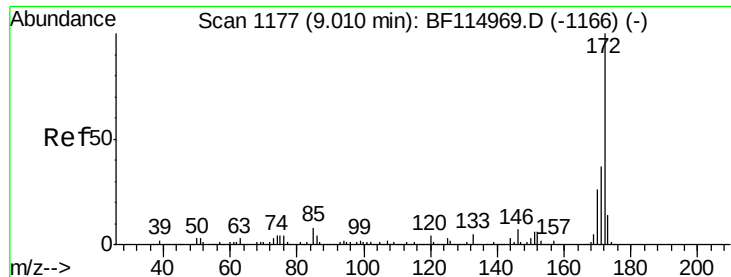
#44
 2,4,5-Trichlorophenol
 Concen: 48.620 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion:196 Resp: 511090
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.3 115.9
 97 43.7 34.2 51.4
 132 28.5 22.1 33.1



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

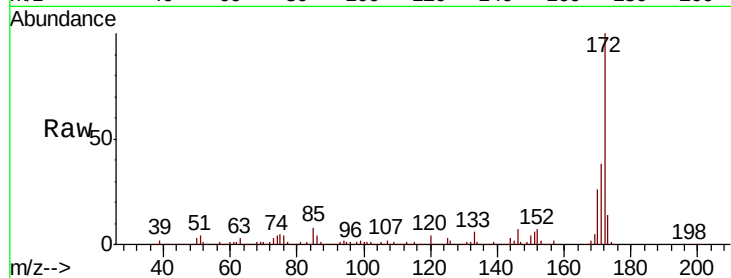




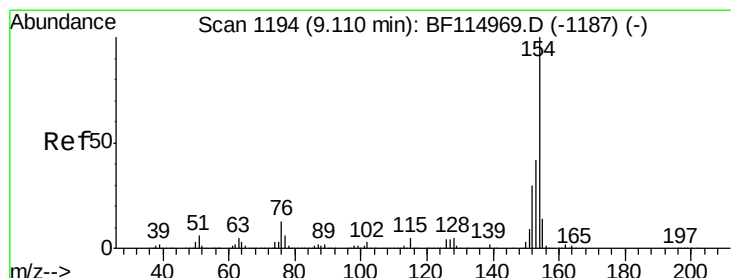
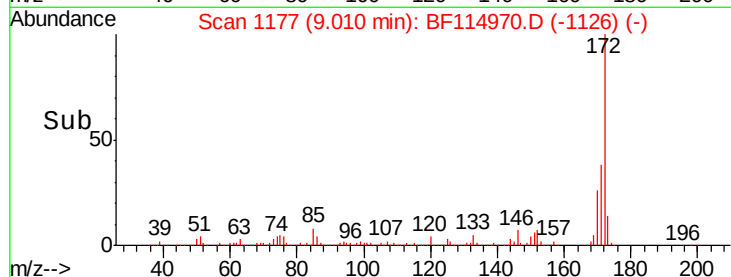
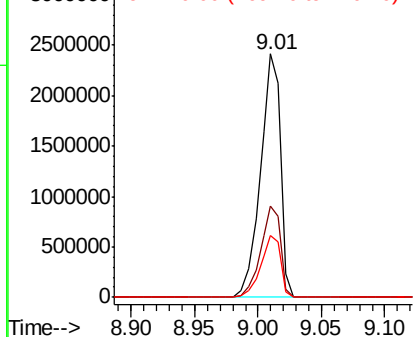
#45
2-Fluorobiphenyl
Concen: 90.895 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2674435
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.6
170 25.6 20.6 31.0

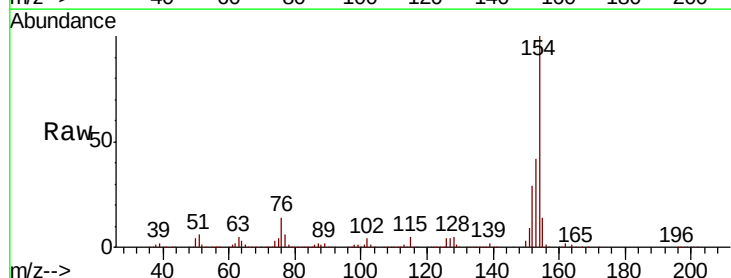


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

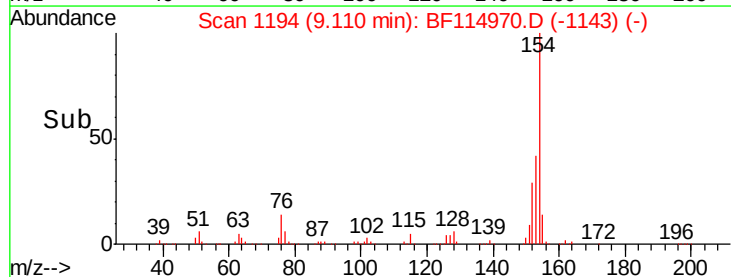
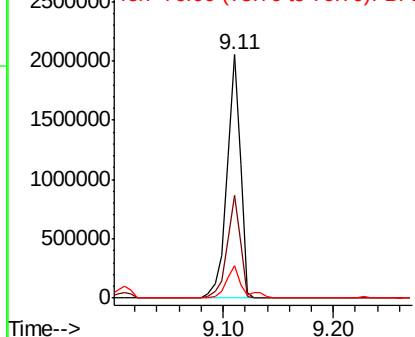


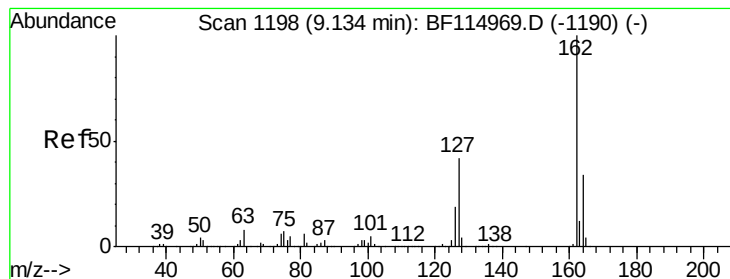
#46
1,1'-Biphenyl
Concen: 50.204 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:154 Resp: 1753923
Ion Ratio Lower Upper
154 100
153 42.2 22.4 62.4
76 13.5 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 49.845 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

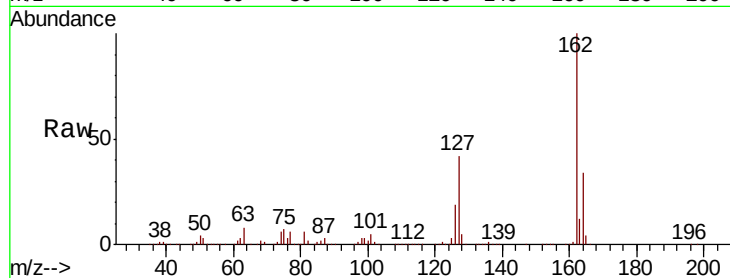
Tot Ion:162 Resp: 1470001

Ion Ratio Lower Upper

162 100

127 41.5 33.4 50.2

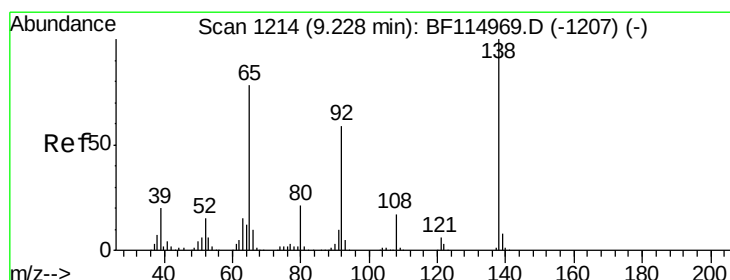
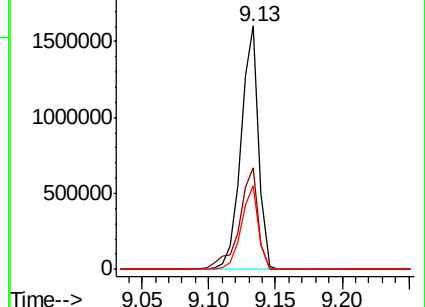
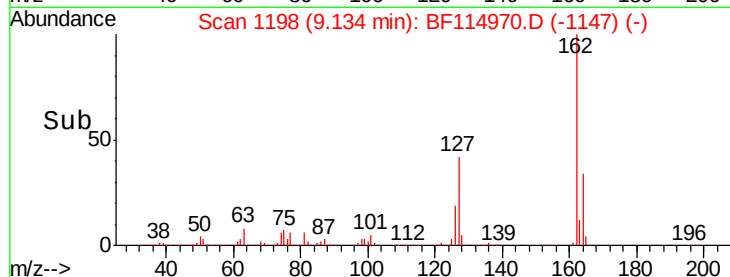
164 34.1 27.2 40.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 48.471 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

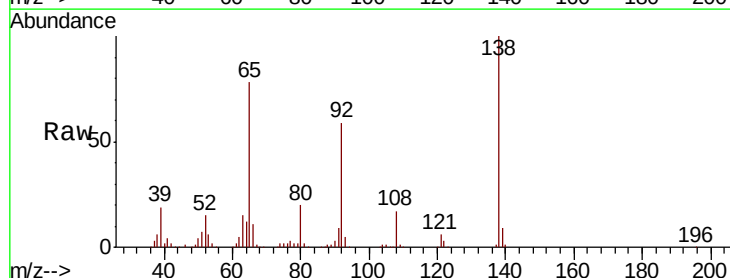
Tgt Ion: 65 Resp: 435126

Ion Ratio Lower Upper

65 100

92 76.4 60.5 90.7

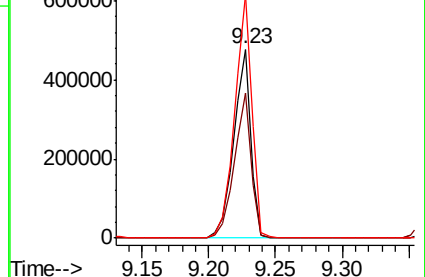
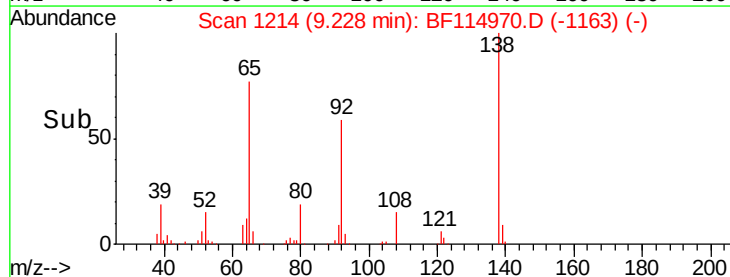
138 128.7 102.0 153.0

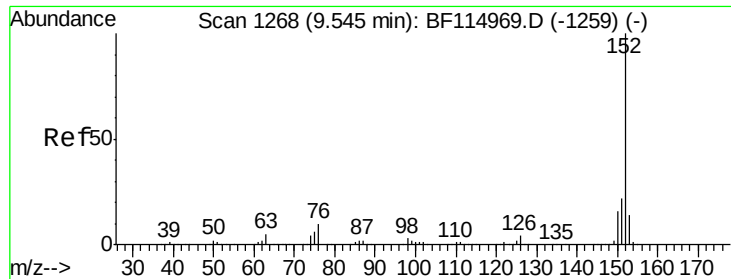


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.385 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

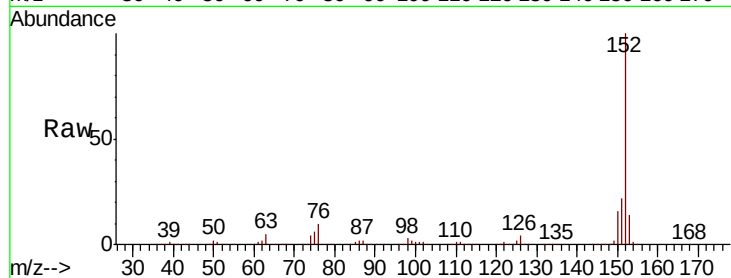
Tot Ion:152 Resp: 2189693

Ion Ratio Lower Upper

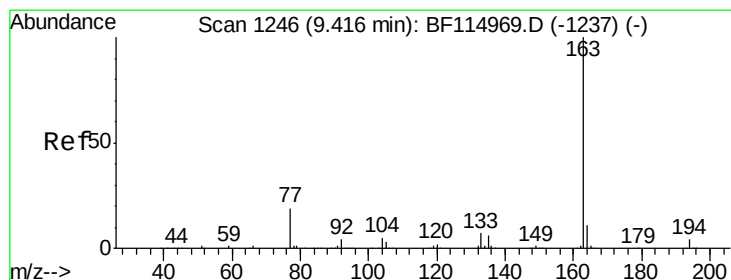
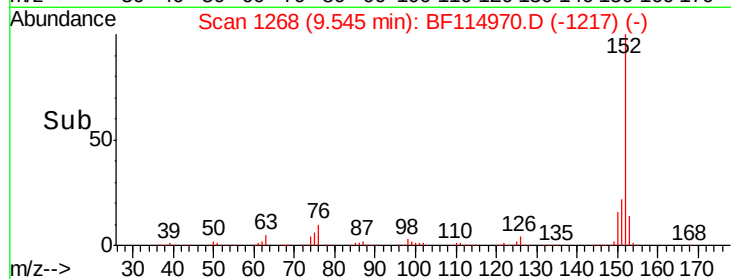
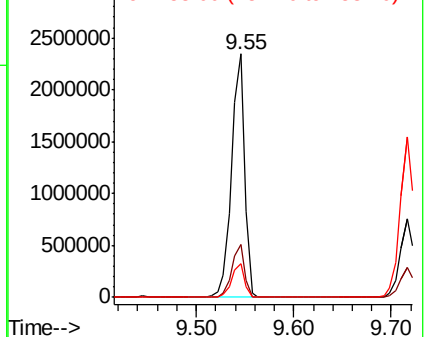
152 100

151 21.8 17.5 26.3

153 14.1 11.2 16.8



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: 48.702 ng

RT: 9.42 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

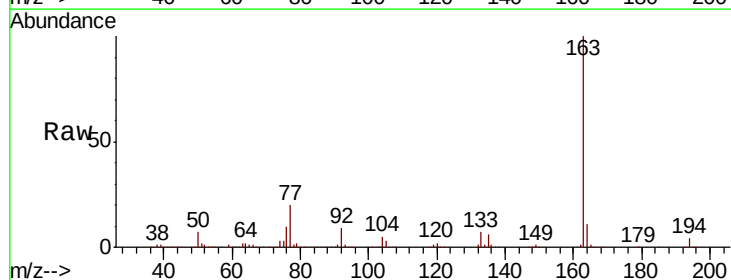
Tgt Ion:163 Resp: 1709294

Ion Ratio Lower Upper

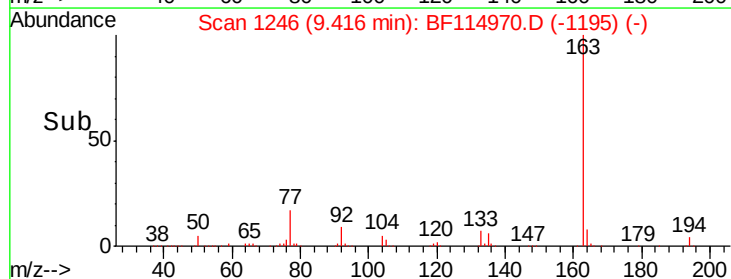
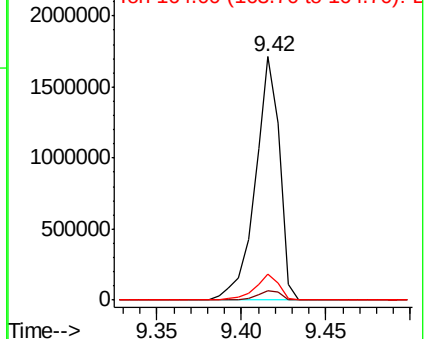
163 100

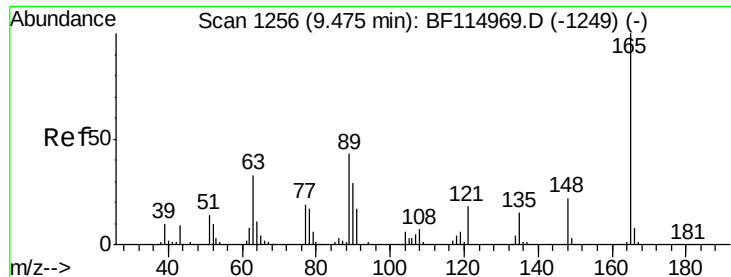
194 3.9 3.3 4.9

164 10.7 8.6 12.8



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: 49.015 ng

RT: 9.47 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

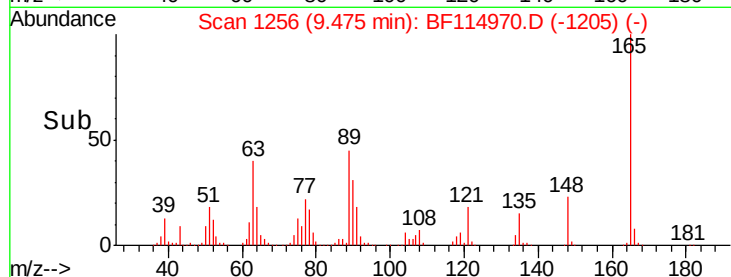
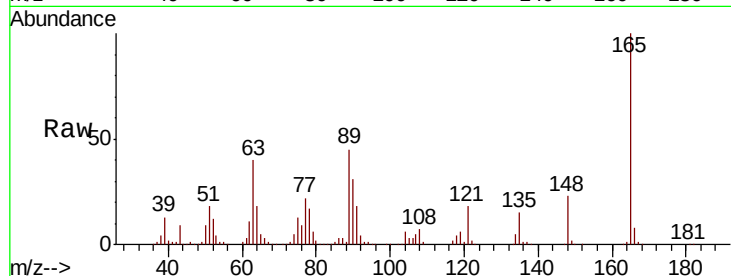
Tot Ion:165 Resp: 395116

Ion Ratio Lower Upper

165 100

63 39.6 30.6 46.0

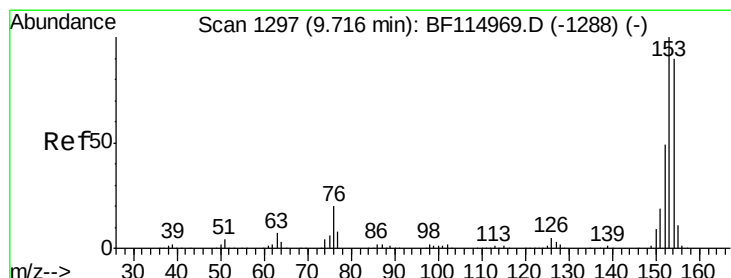
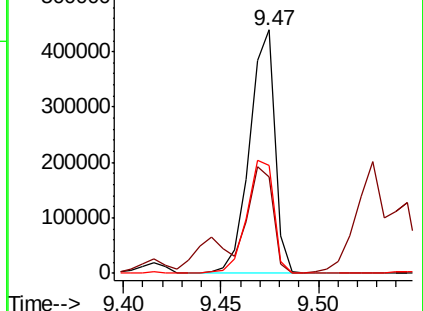
89 44.5 34.4 51.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.156 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

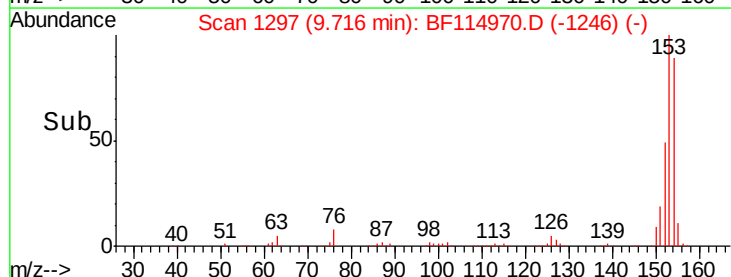
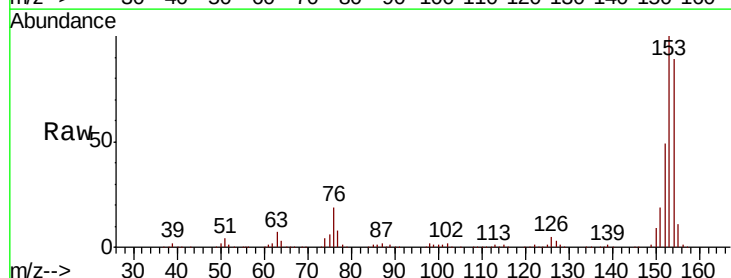
Tgt Ion:154 Resp: 1294227

Ion Ratio Lower Upper

154 100

153 112.4 88.5 132.7

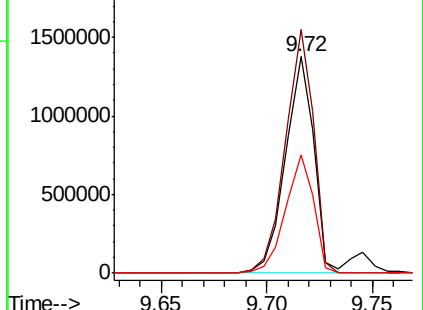
152 54.8 43.6 65.4

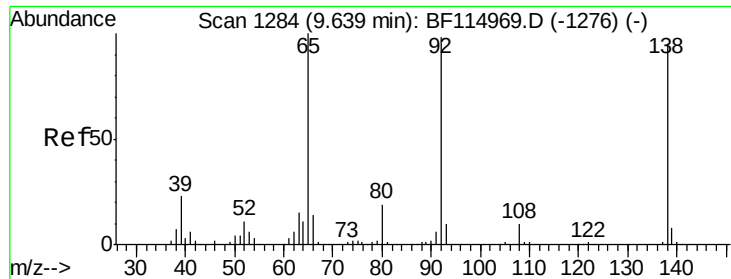


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

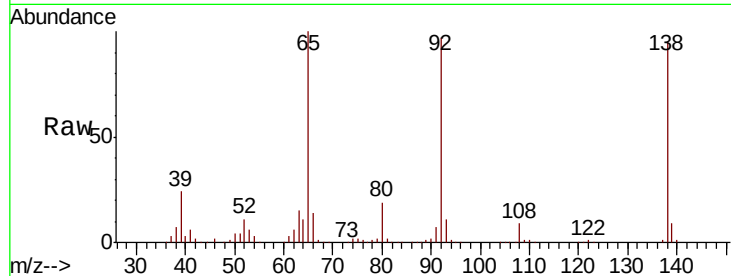




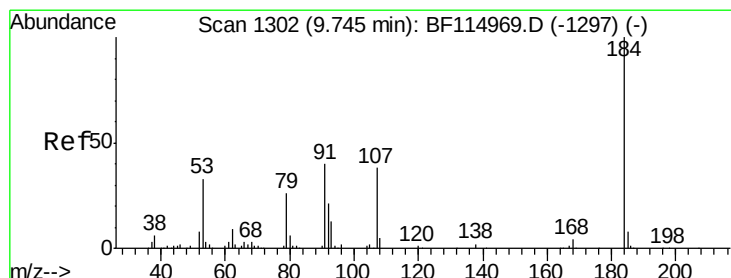
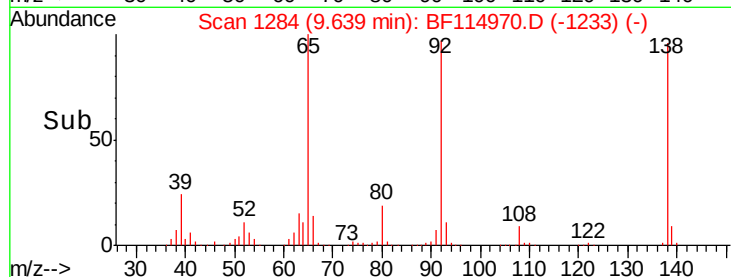
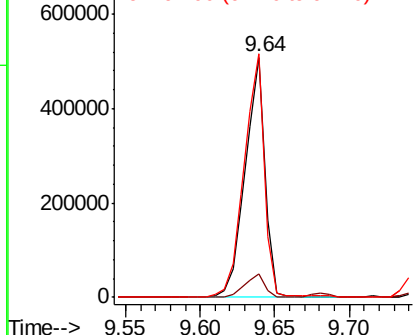
#53
3-Nitroaniline
Concen: 48.382 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 468338
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 101.3 82.4 123.6

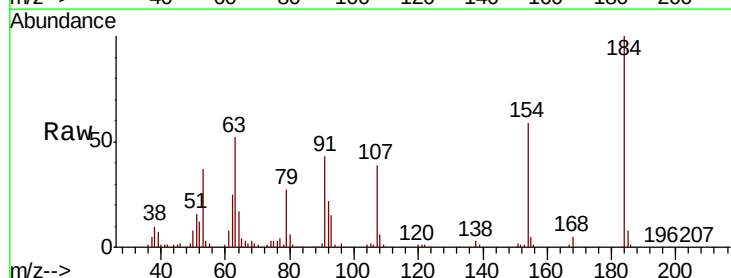


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

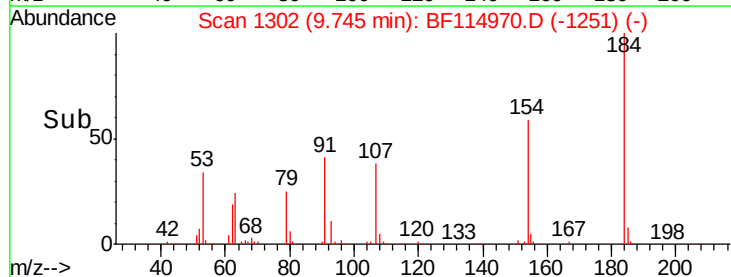
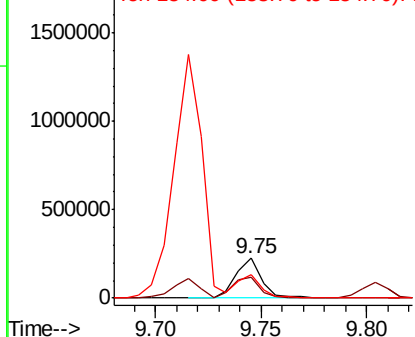


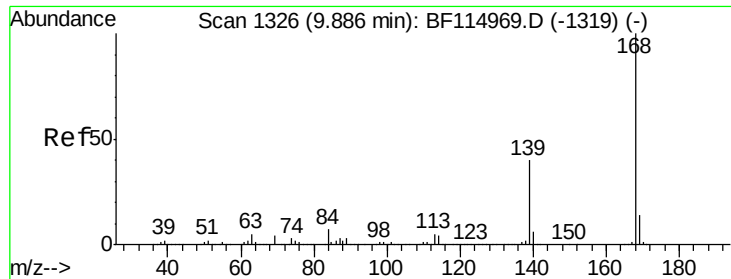
#54
2,4-Dinitrophenol
Concen: 49.480 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:184 Resp: 197416
Ion Ratio Lower Upper
184 100
63 52.1 40.5 60.7
154 59.3 44.8 67.2



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

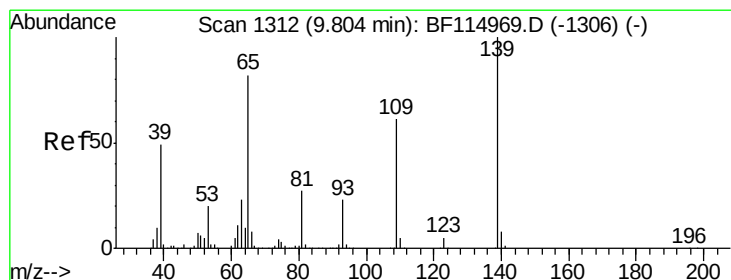
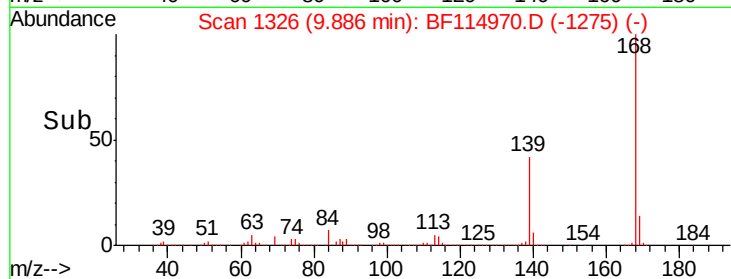
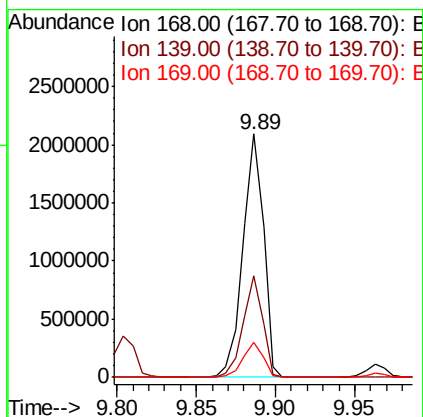
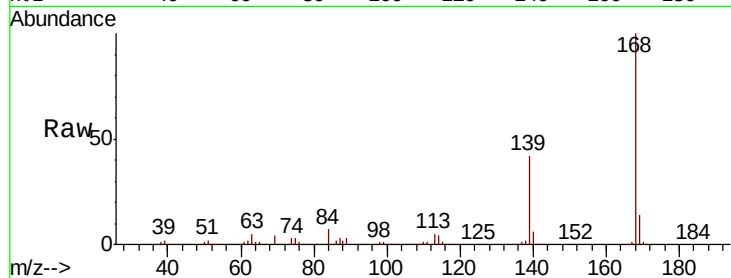




#55
Dibenzofuran
Concen: 50.103 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

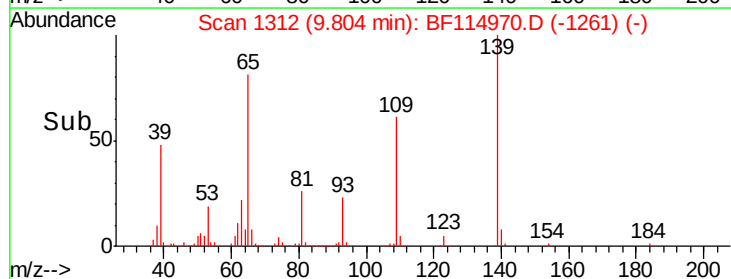
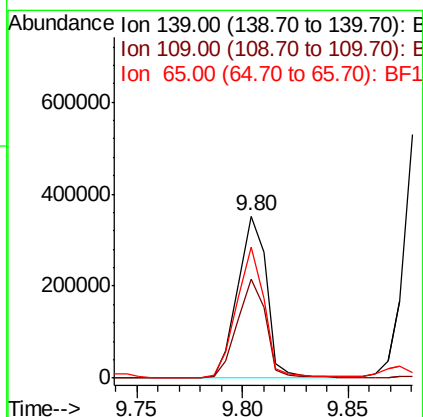
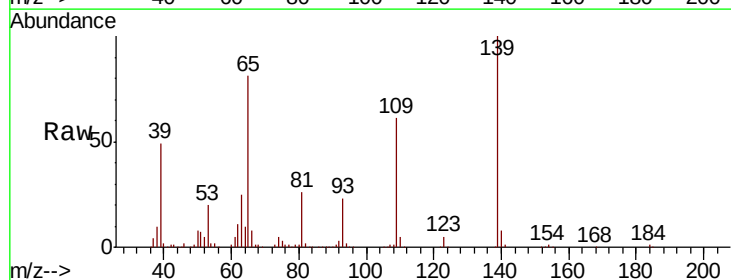
Instrument :
BNA_F
ClientSampled :

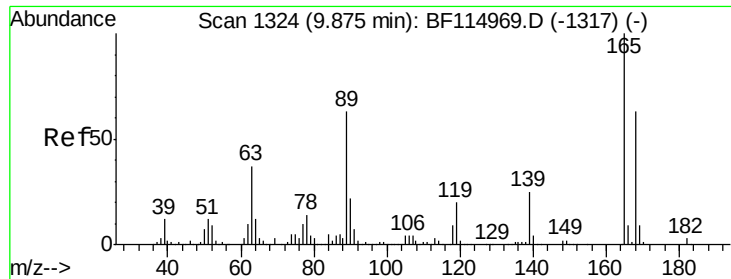
Tot Ion:168 Resp: 1883063
Ion Ratio Lower Upper
168 100
139 41.5 32.5 48.7
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 48.787 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:139 Resp: 336583
Ion Ratio Lower Upper
139 100
109 61.2 41.4 81.4
65 81.2 62.7 102.7

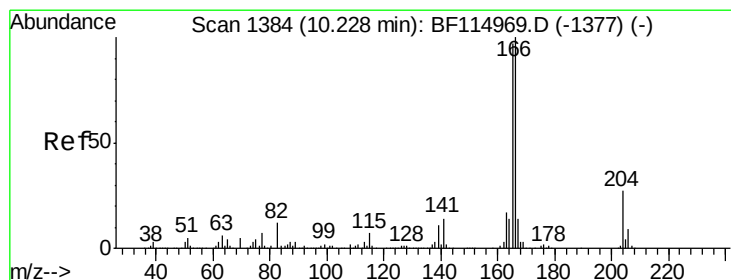
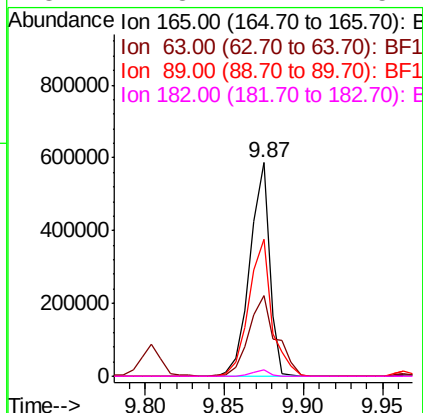
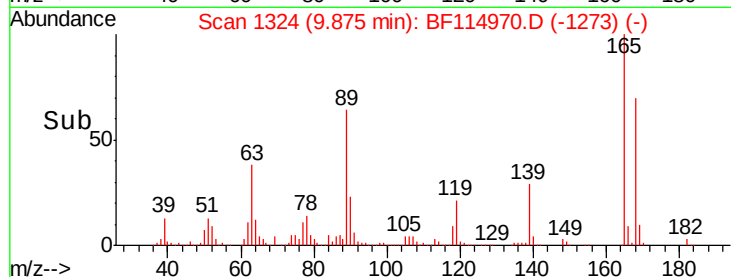
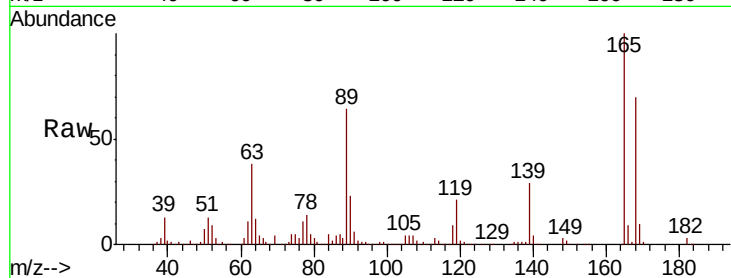




#57
2,4-Dinitrotoluene
Concen: 49.597 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

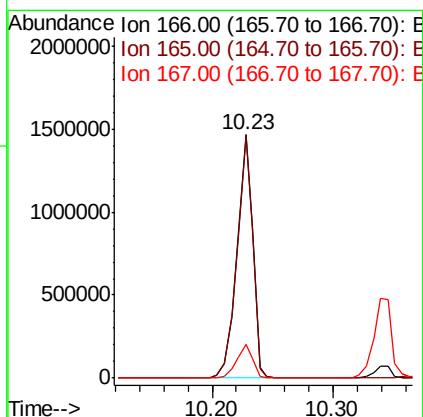
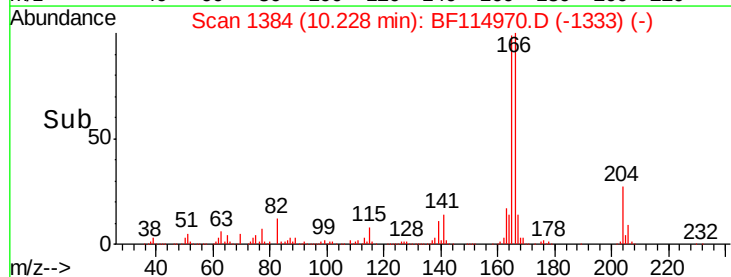
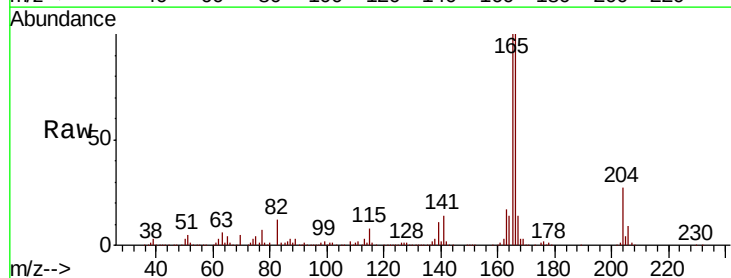
Instrument :
BNA_F
ClientSampleId :

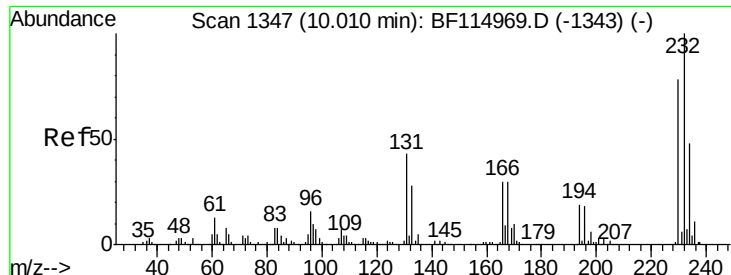
Tot Ion:165 Resp: 505374
Ion Ratio Lower Upper
165 100
63 38.0 29.4 44.2
89 64.3 50.6 75.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 46.459 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:166 Resp: 1346007
Ion Ratio Lower Upper
166 100
165 99.5 77.6 116.4
167 13.9 11.0 16.4

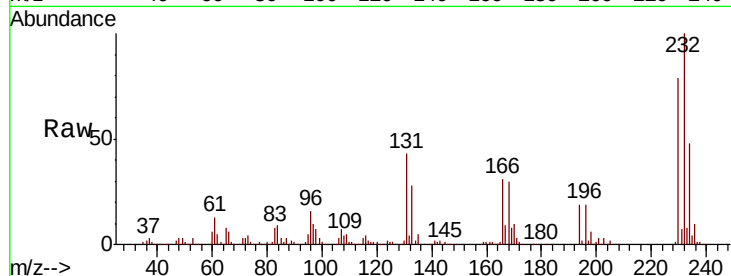




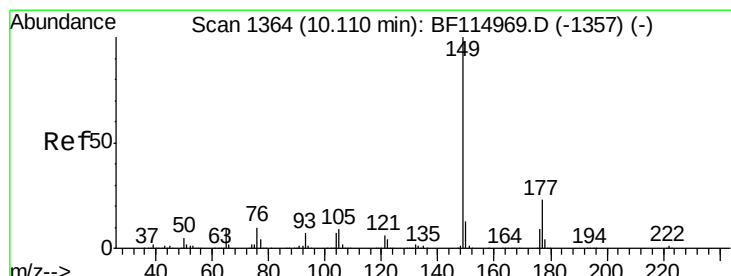
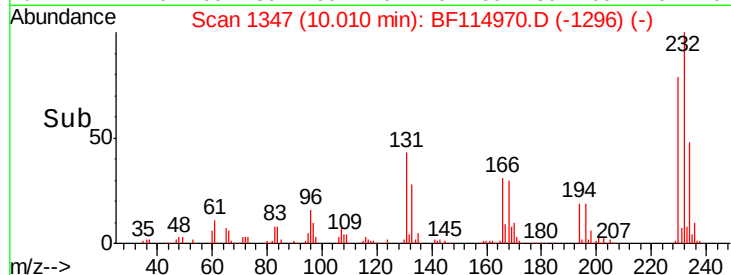
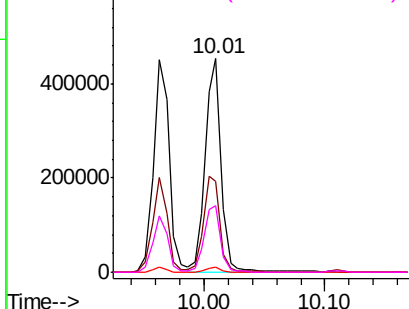
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.448 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 411711
Ion Ratio Lower Upper
232 100
131 46.3 36.9 55.3
130 2.2 1.8 2.6
166 31.9 24.8 37.2

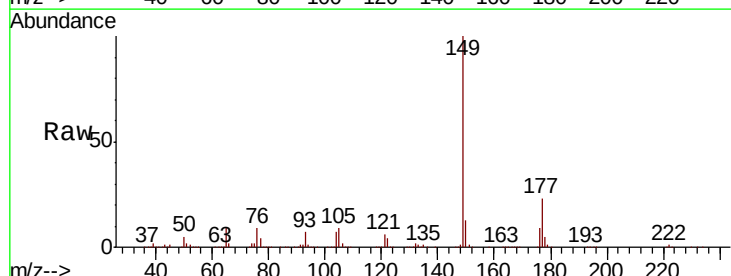


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

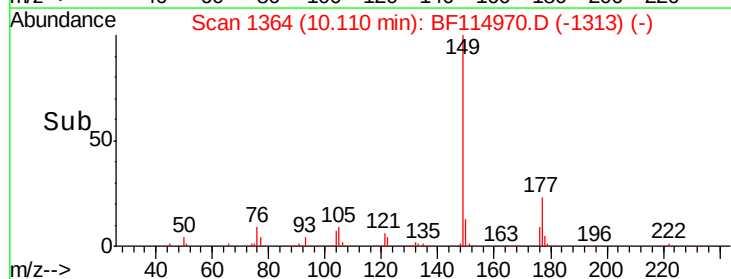
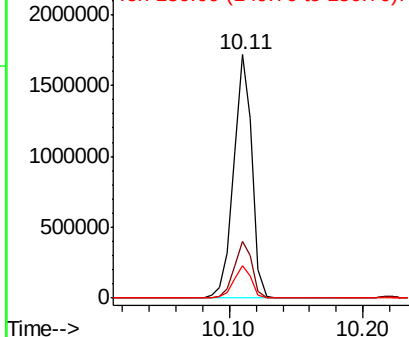


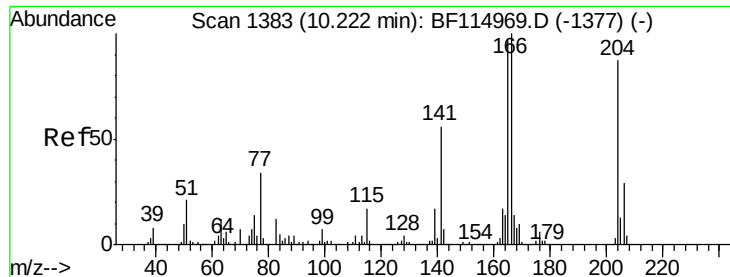
#60
Diethylphthalate
Concen: 48.169 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:149 Resp: 1643126
Ion Ratio Lower Upper
149 100
177 23.1 18.6 27.8
150 13.3 10.5 15.7



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

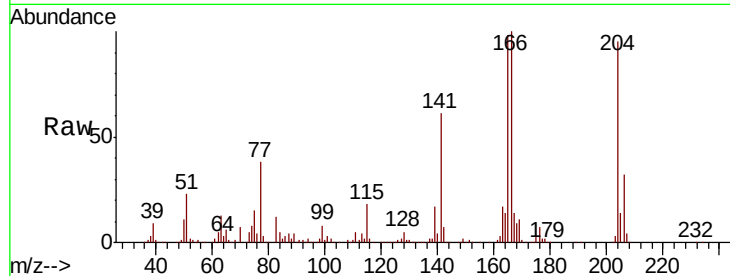




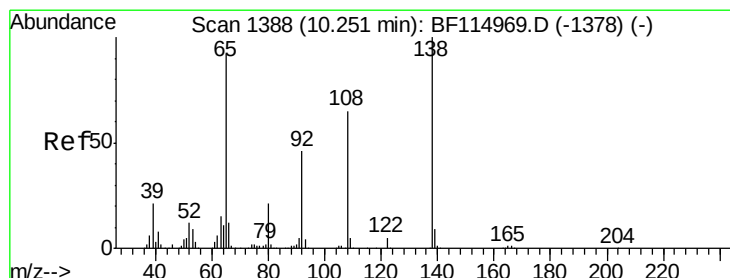
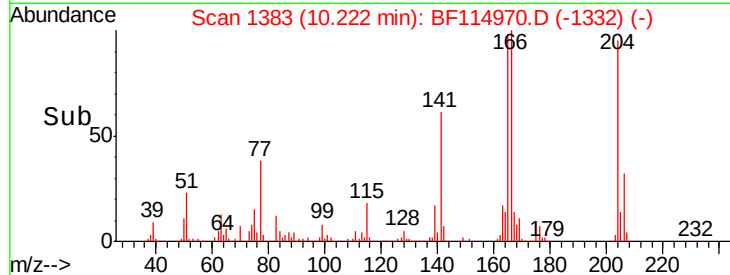
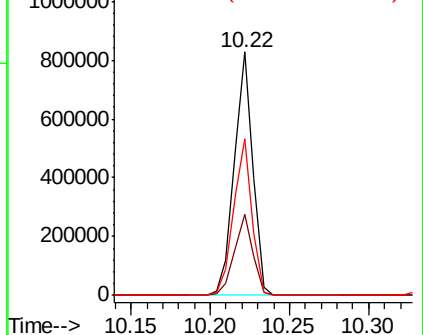
#61
4-Chlorophenyl-phenylether
Concen: 46.426 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 673356
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 64.3 51.8 77.8

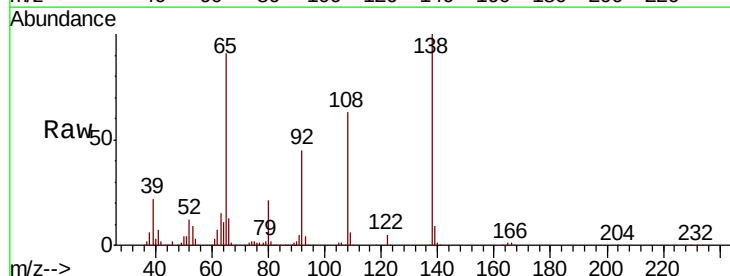


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

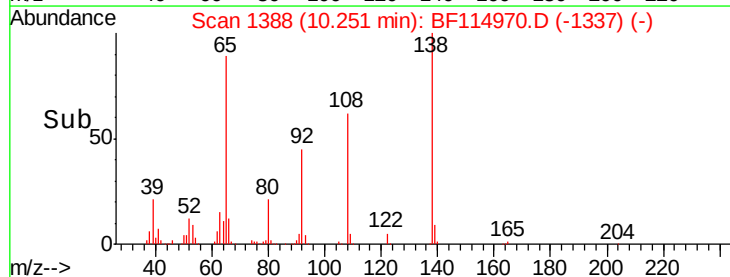
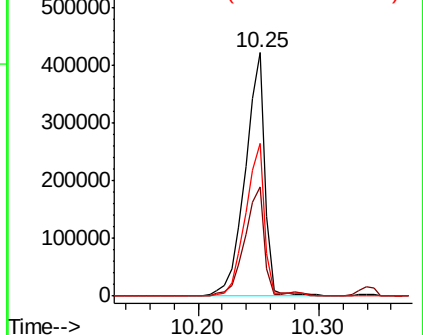


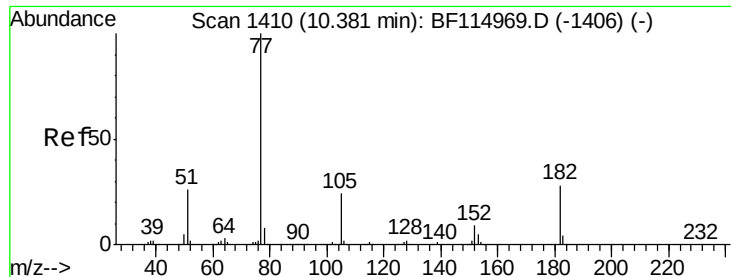
#62
4-Nitroaniline
Concen: 48.405 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:138 Resp: 480196
Ion Ratio Lower Upper
138 100
92 44.9 25.7 65.7
108 62.8 44.6 84.6



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

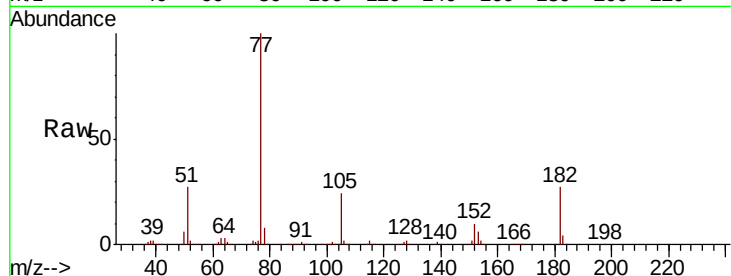




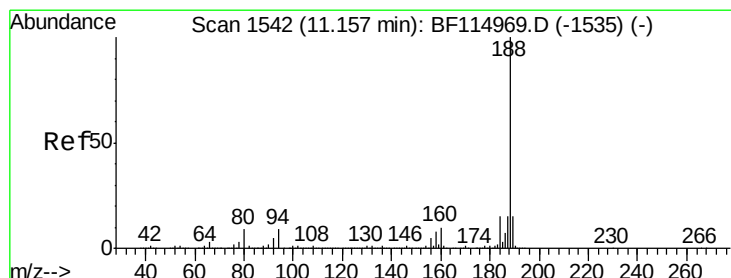
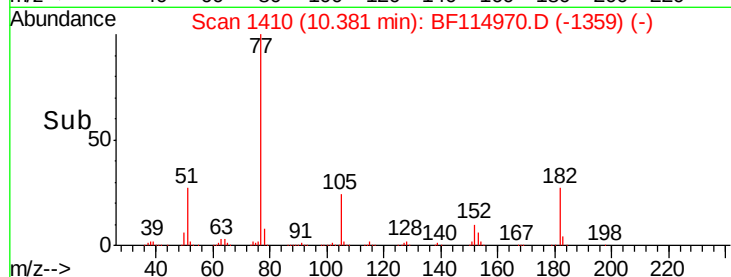
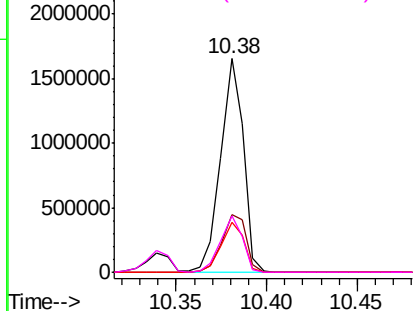
#63
Azobenzene
Concen: 48.680 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1445309
Ion Ratio Lower Upper
77 100
182 27.1 7.4 47.4
105 23.7 4.2 44.2
51 26.6 6.2 46.2

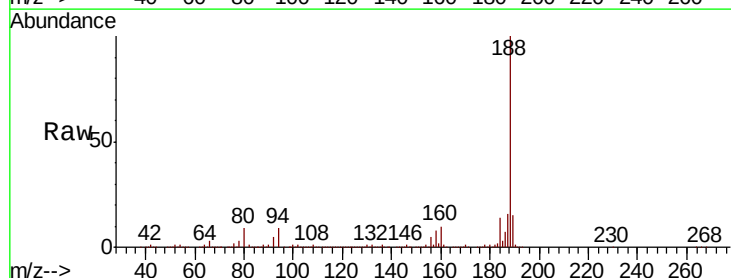


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

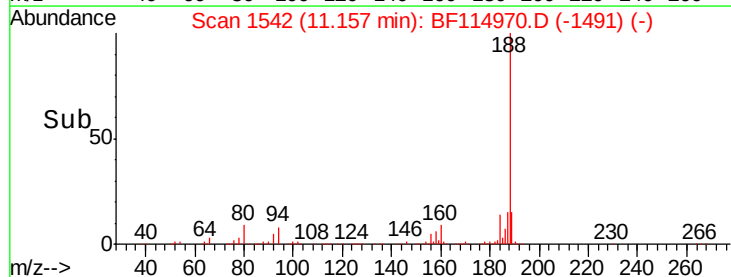
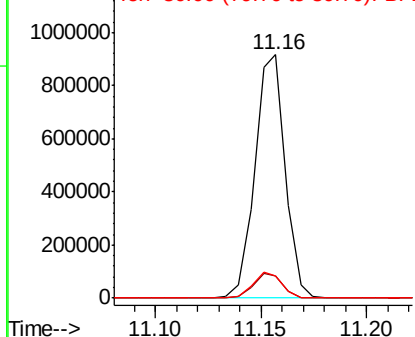


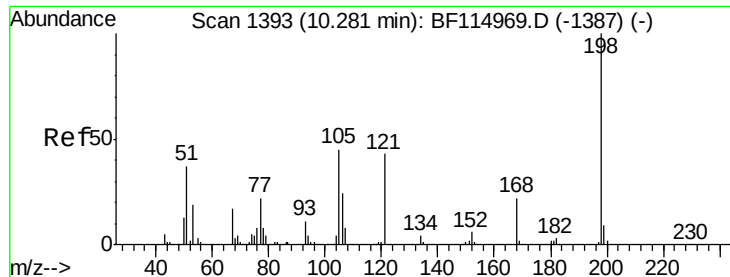
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion: 188 Resp: 909111
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.4 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

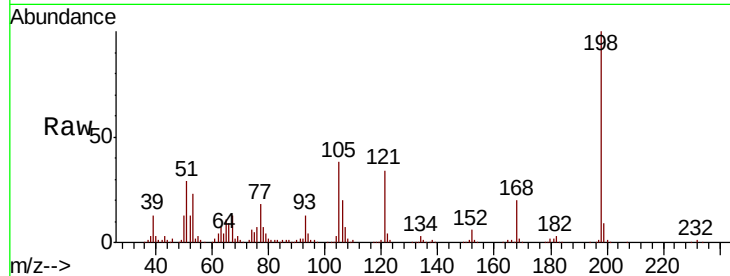




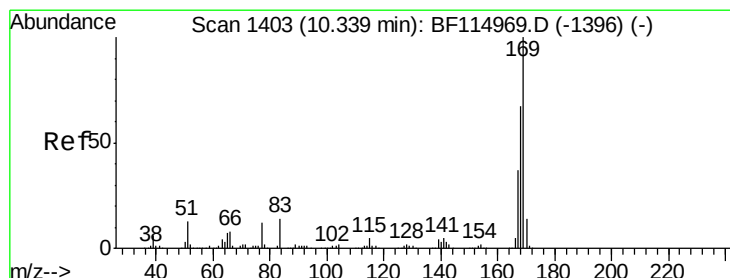
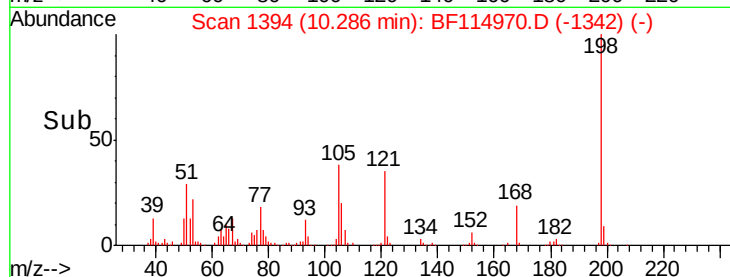
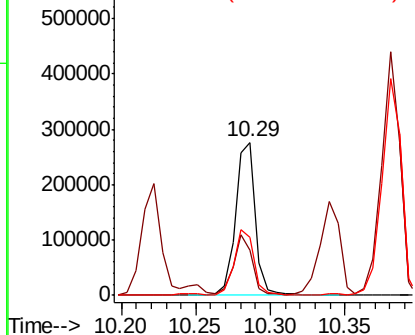
#65
4,6-Dinitro-2-methylphenol
Concen: 50.894 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 259475
Ion Ratio Lower Upper
198 100
51 29.2 23.0 63.0
105 37.8 26.5 66.5

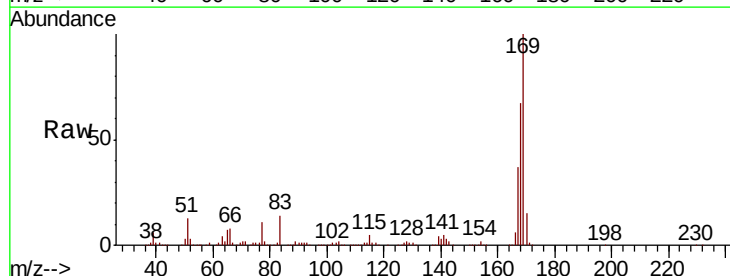


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

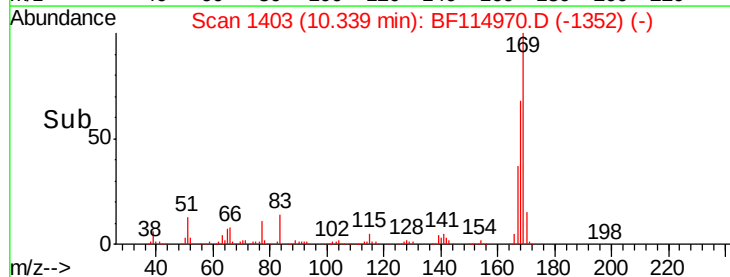
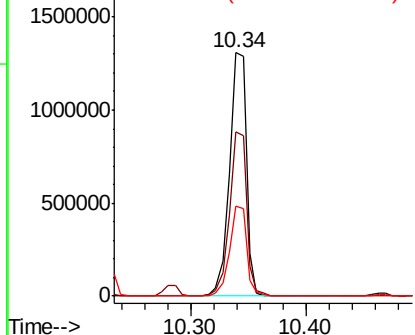


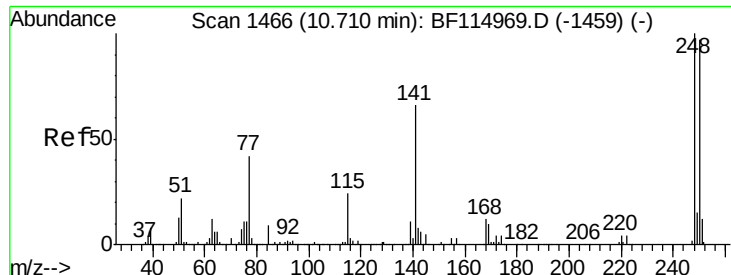
#66
n-Nitrosodiphenylamine
Concen: 48.920 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:169 Resp: 1321294
Ion Ratio Lower Upper
169 100
168 67.5 53.6 80.4
167 36.8 29.6 44.4



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

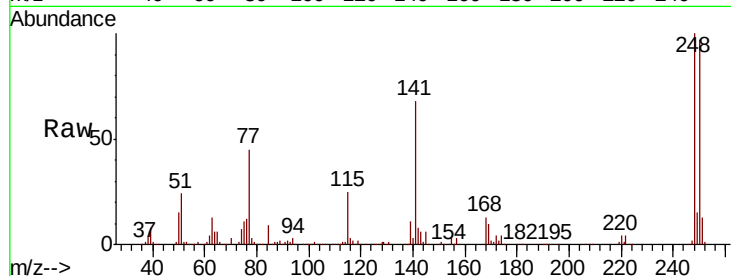




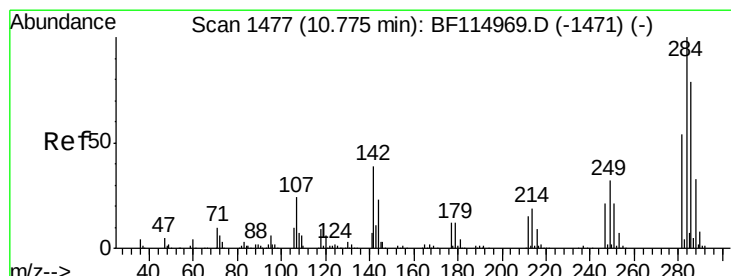
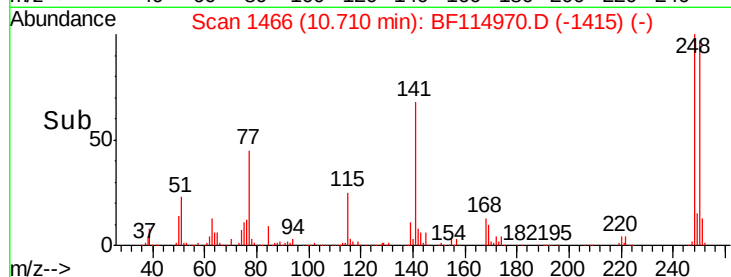
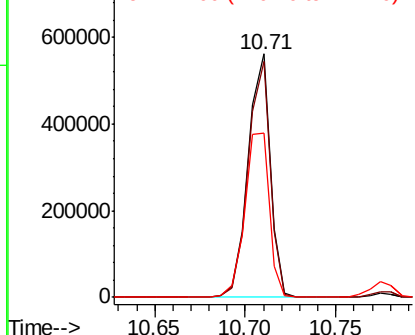
#67
4-Bromophenyl-phenylether
Concen: 48.435 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 476957
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 67.7 53.1 79.7

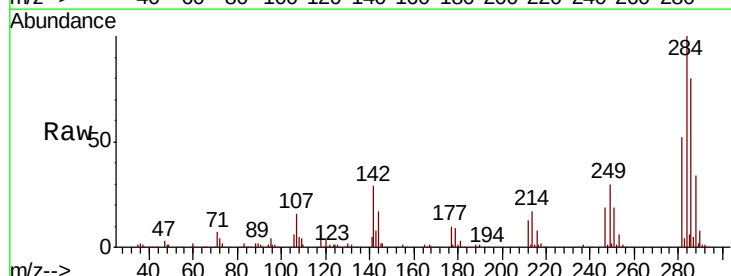


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

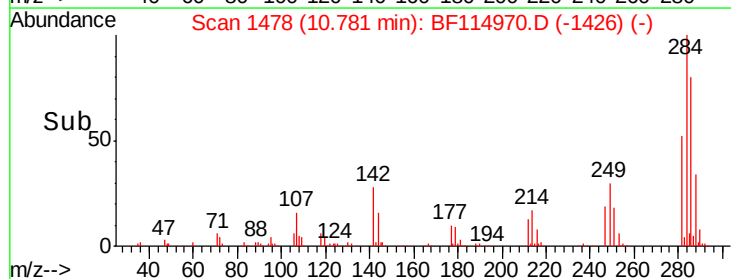
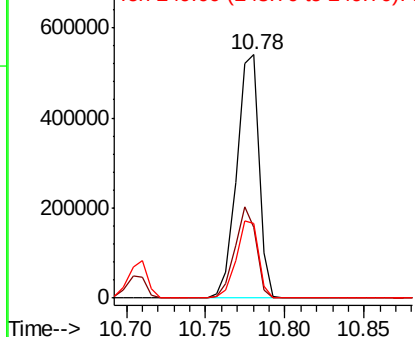


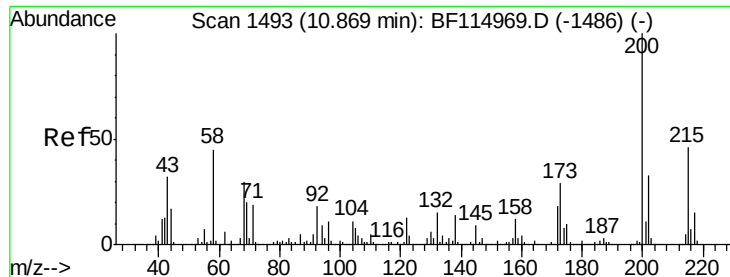
#68
Hexachlorobenzene
Concen: 48.412 ng
RT: 10.78 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:284 Resp: 526452
Ion Ratio Lower Upper
284 100
142 29.2 31.5 47.3#
249 30.4 25.6 38.4



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

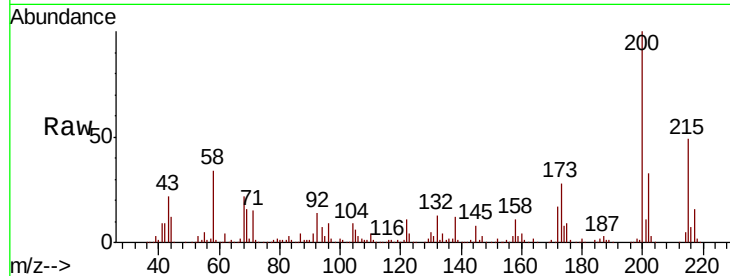




#69
Atrazine
Concen: 47.568 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	9.0	49.0
215	48.5	26.5	66.5

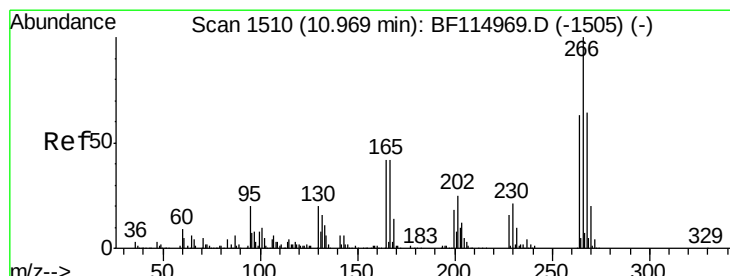
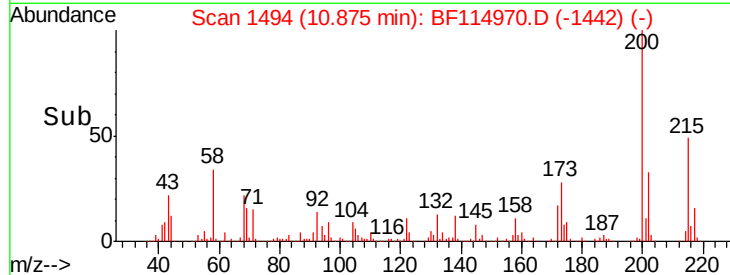
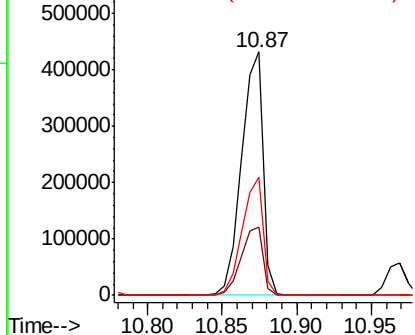


Abundance

Ion 200.00 (199.70 to 200.70): E

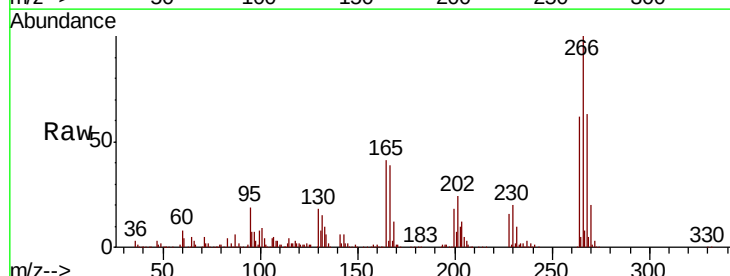
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 48.826 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.4	77.2
264	61.9	50.3	75.5

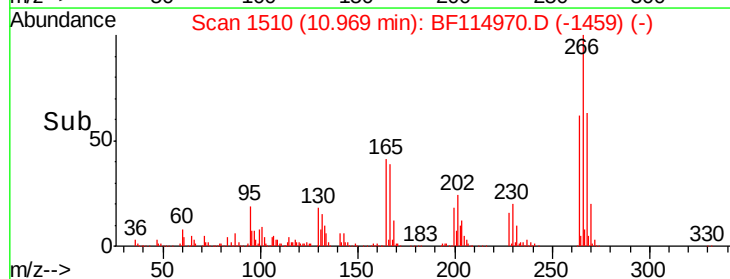
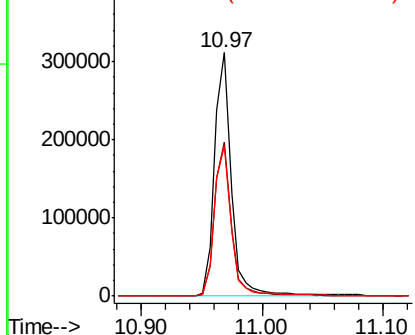


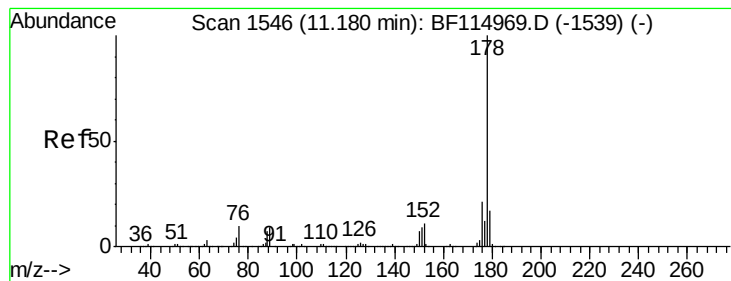
Abundance

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: 49.799 ng

RT: 11.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

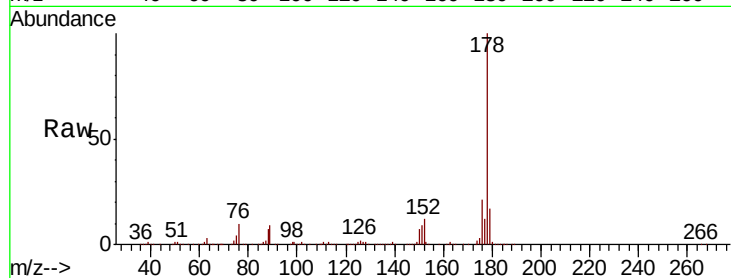
Tot Ion:178 Resp: 2196514

Ion Ratio Lower Upper

178 100

176 20.8 16.9 25.3

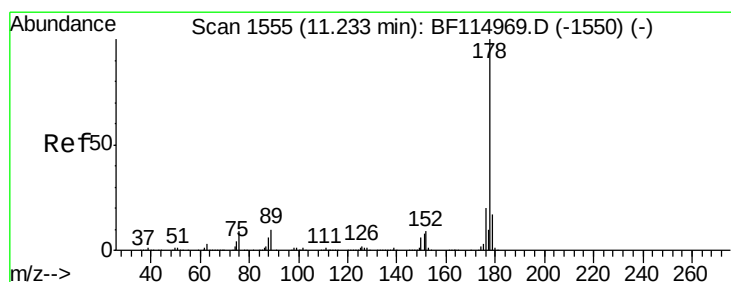
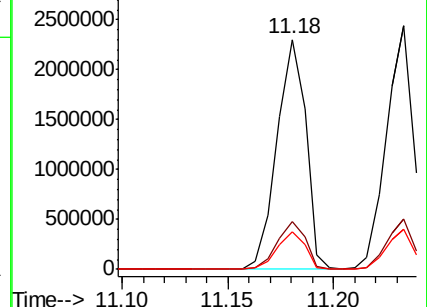
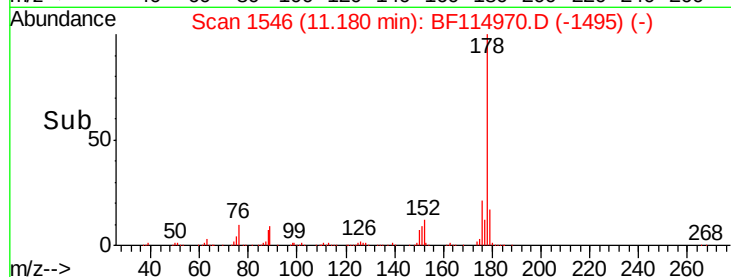
179 16.5 13.4 20.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.941 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

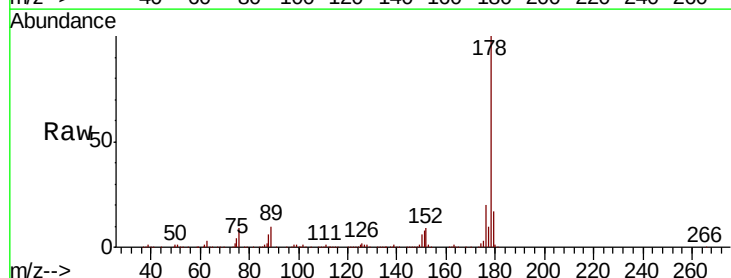
Tgt Ion:178 Resp: 2191048

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

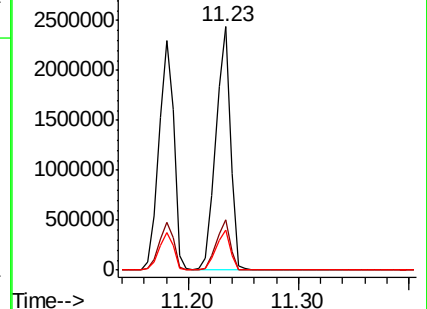
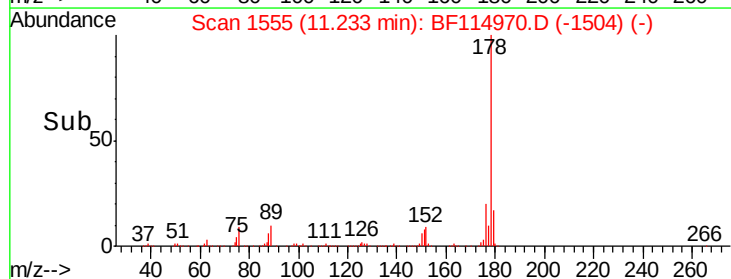
179 16.6 13.2 19.8

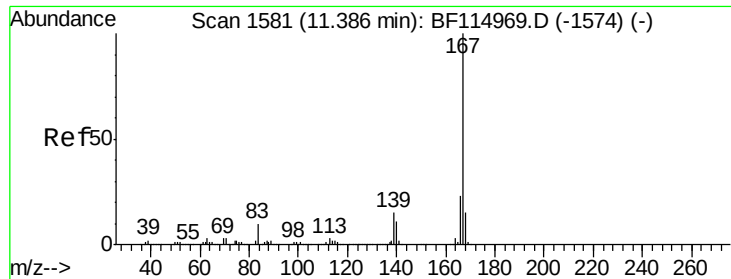


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 49.112 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

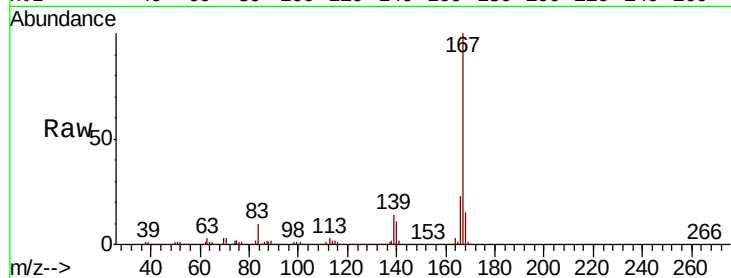
Tot Ion:167 Resp: 2001789

Ion Ratio Lower Upper

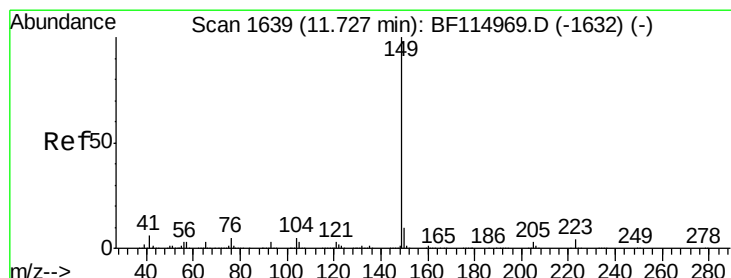
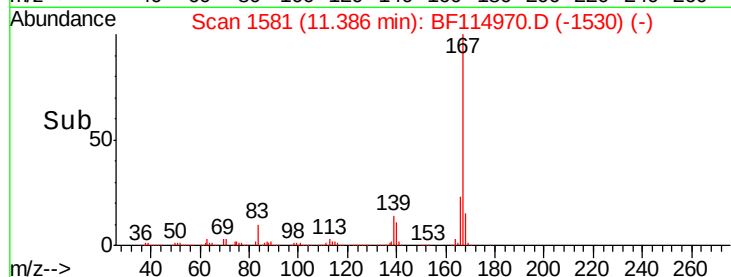
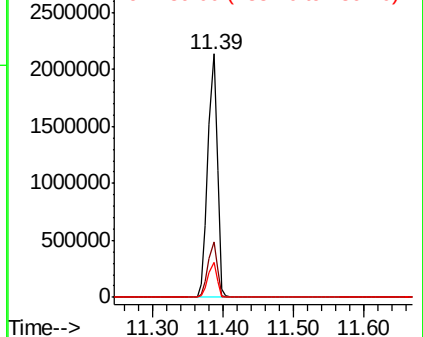
167 100

166 23.0 18.5 27.7

139 14.5 12.0 18.0



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



#74

Di-n-butylphthalate

Concen: 48.833 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

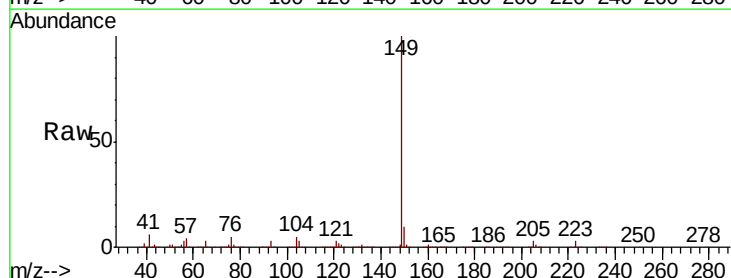
Tgt Ion:149 Resp: 2459875

Ion Ratio Lower Upper

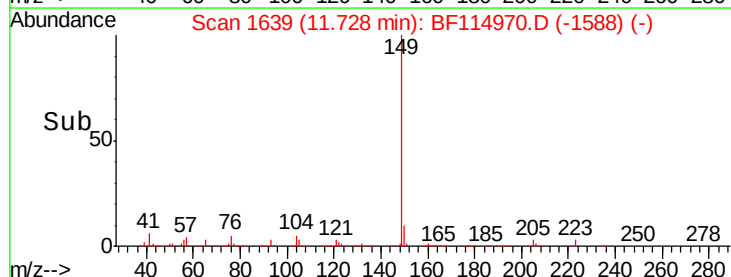
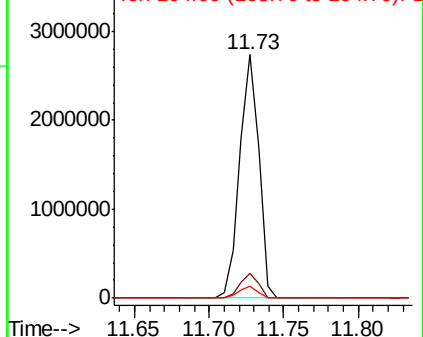
149 100

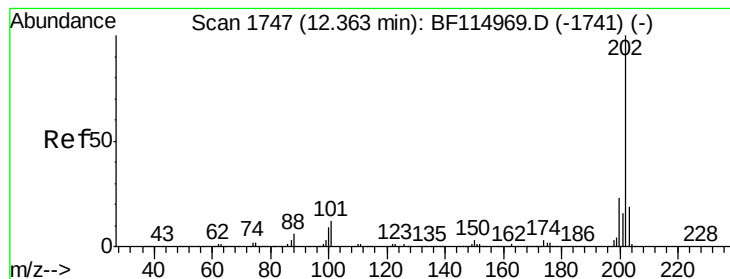
150 10.3 8.1 12.1

104 5.1 4.0 6.0



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

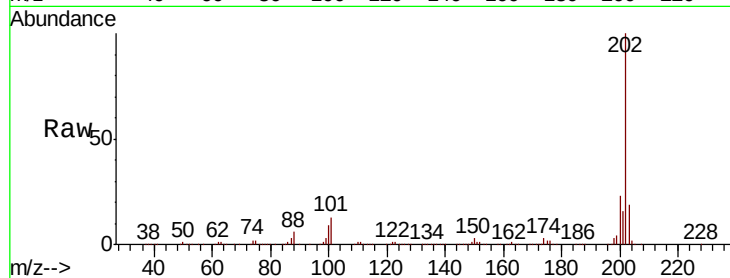




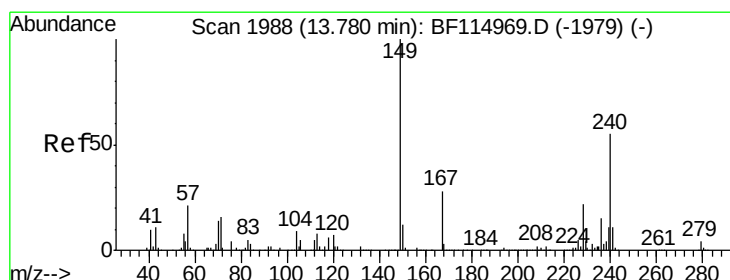
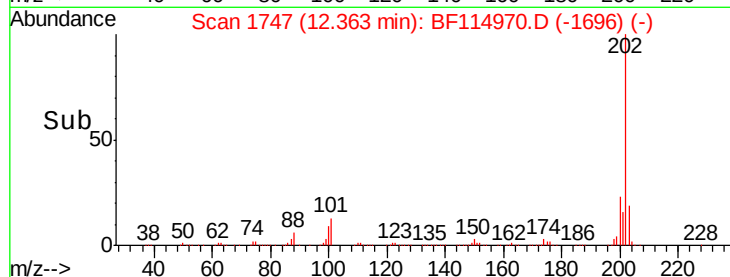
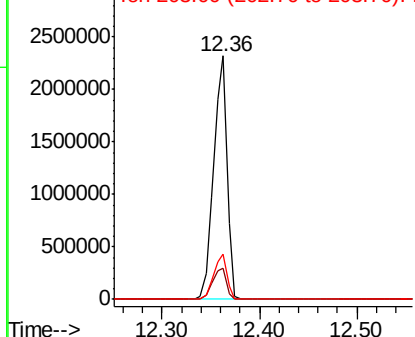
#75
 Fluoranthene
 Concen: 48.407 ng
 RT: 12.36 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 2208447
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 32.4
 203 18.6 0.0 38.6

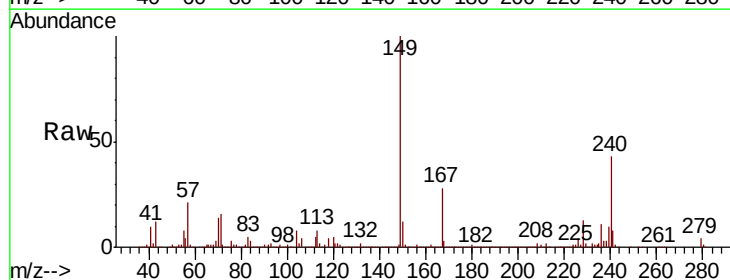


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

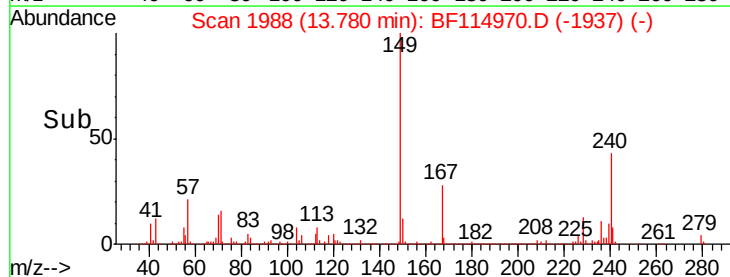
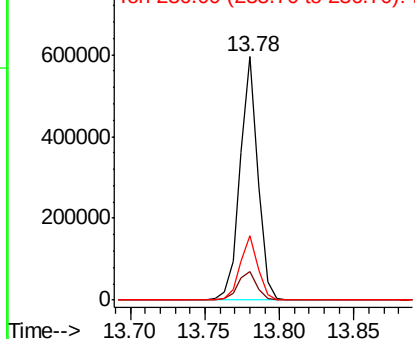


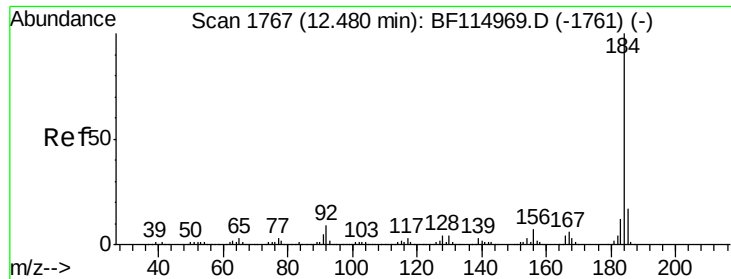
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion:240 Resp: 496806
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.0 15.0
 236 26.7 21.6 32.4



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: 42.478 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

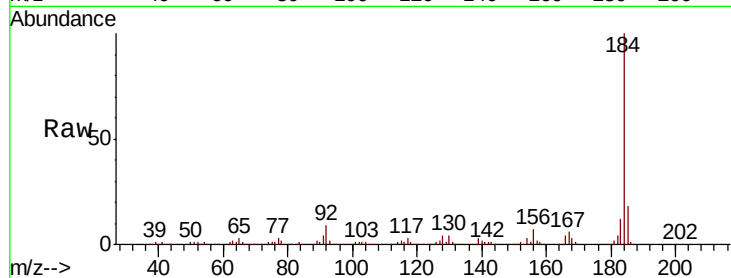
Tot Ion:184 Resp: 923534

Ion Ratio Lower Upper

184 100

185 18.1 13.4 20.0

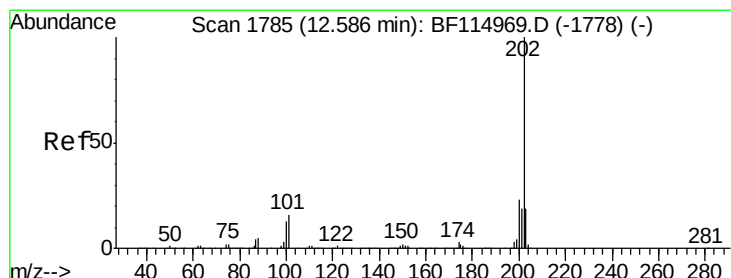
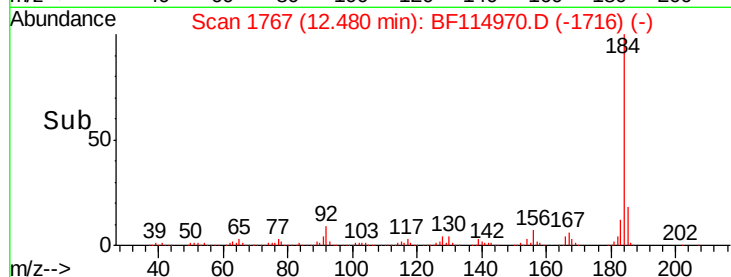
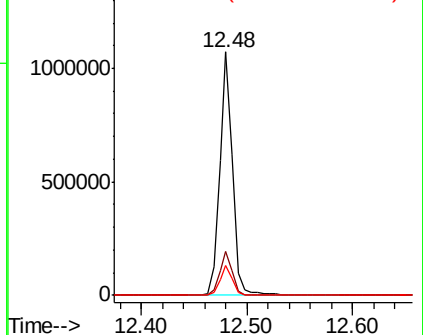
183 12.1 9.8 14.6



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: 52.076 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

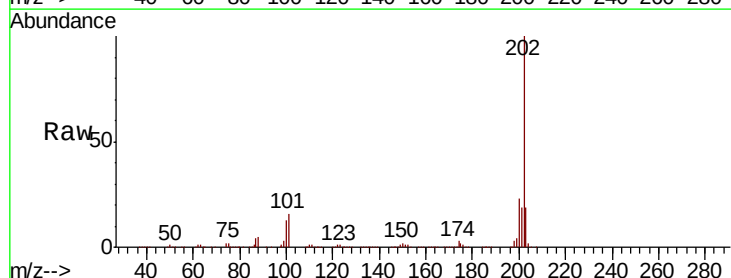
Tgt Ion:202 Resp: 2253192

Ion Ratio Lower Upper

202 100

200 22.6 18.4 27.6

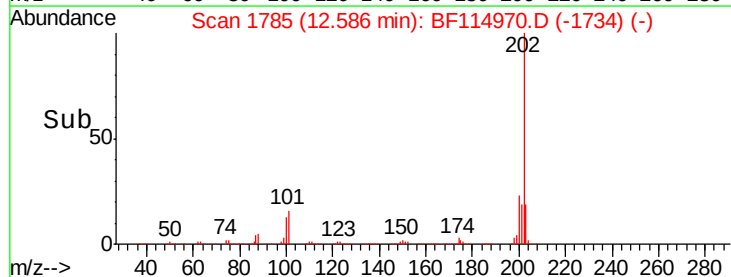
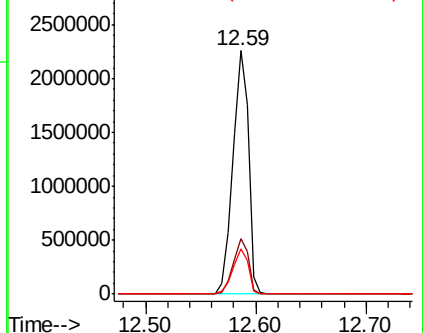
203 18.6 14.9 22.3

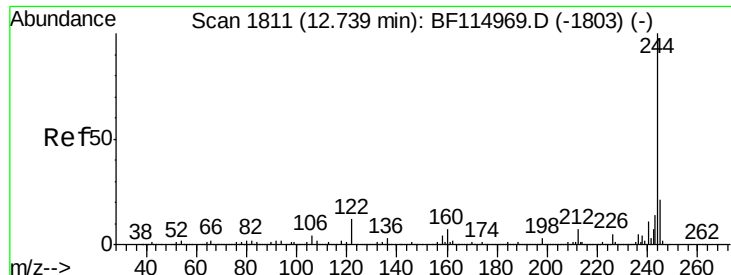


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

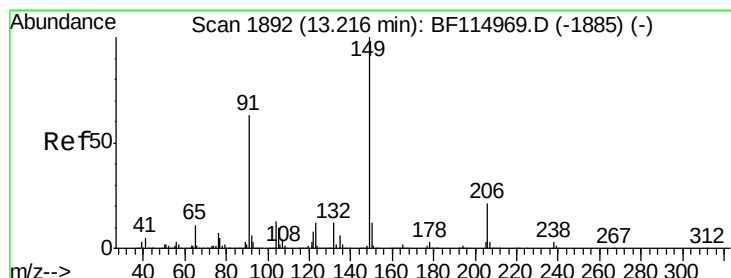
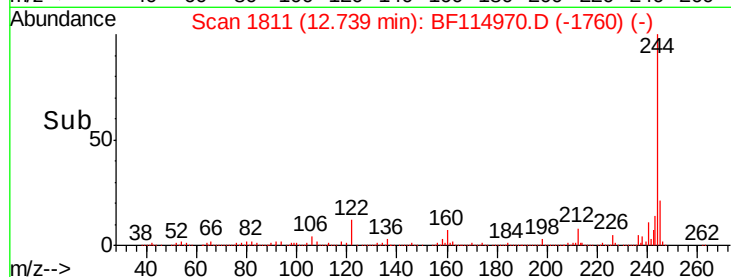
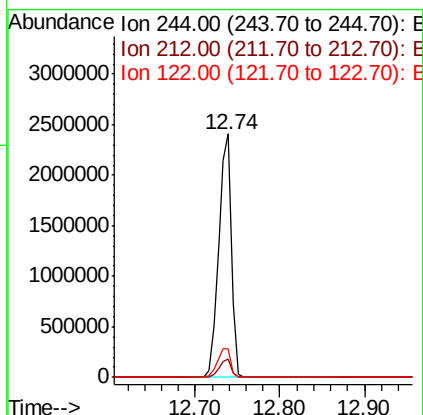
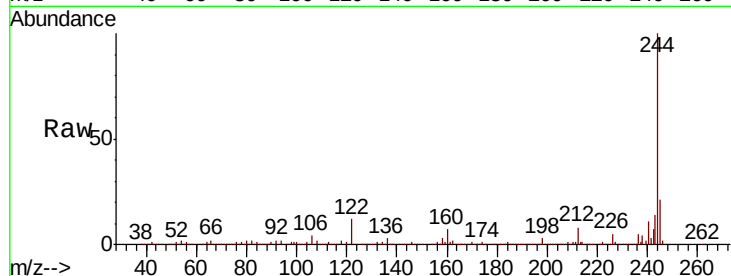




#79
 Terphenyl-d14
 Concen: 102.956 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

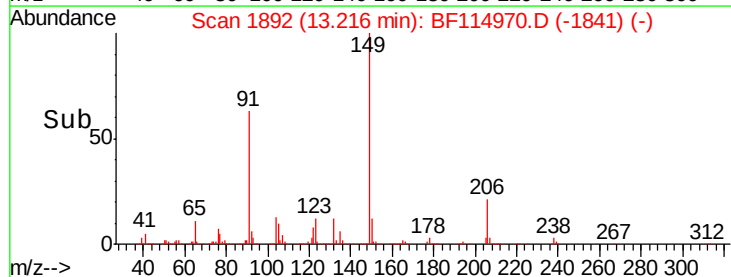
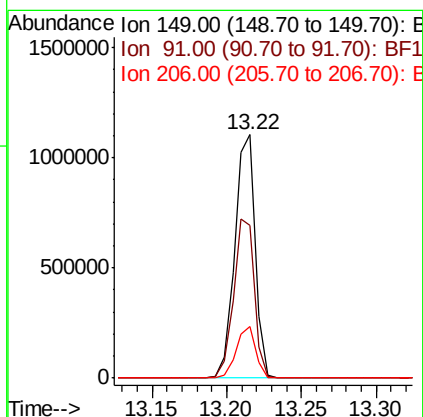
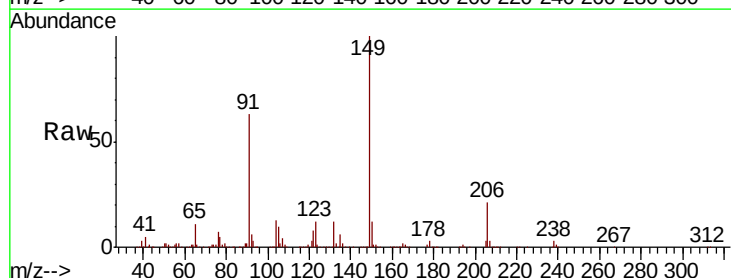
Instrument :
 BNA_F
 ClientSampleId :

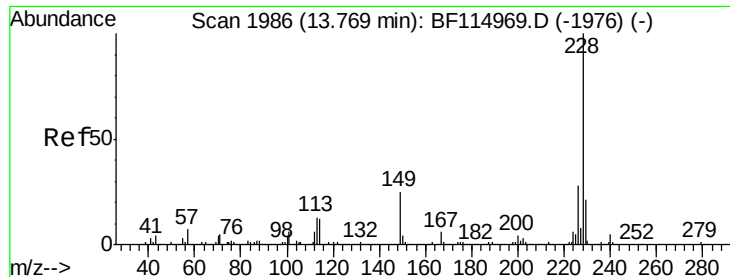
Tot Ion:244 Resp: 2571972
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.9 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 49.774 ng
 RT: 13.22 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BF114970.D
 Acq: 12 Jun 2019 11:42

Tgt Ion:149 Resp: 1060988
 Ion Ratio Lower Upper
 149 100
 91 62.9 50.6 76.0
 206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 50.126 ng

RT: 13.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

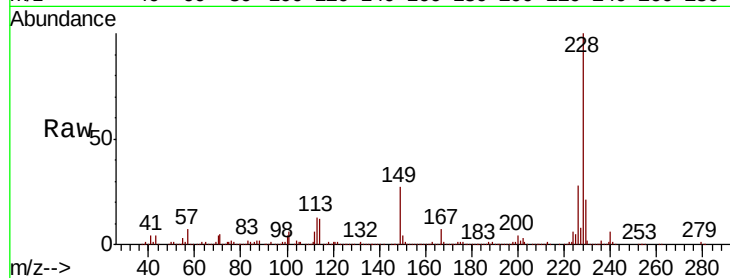
Instrument :

BNA_F

ClientSampled :

Tot Ion:228 Resp: 1841340

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.0	33.0
229	20.6	16.6	25.0

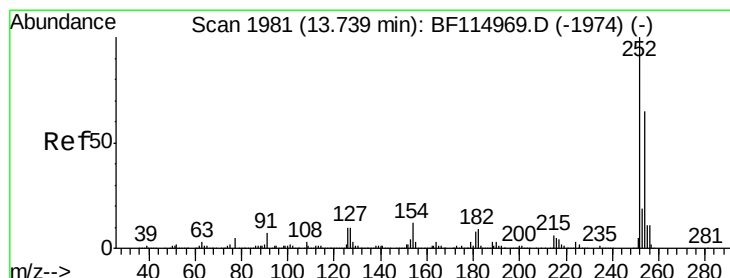
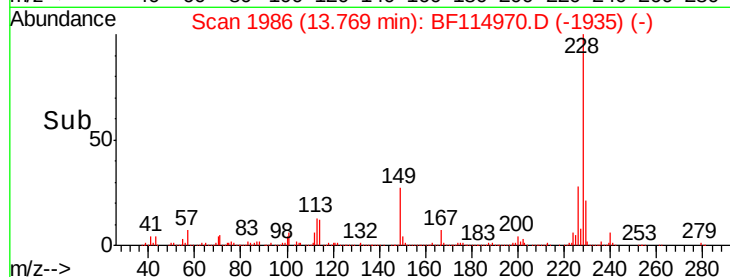
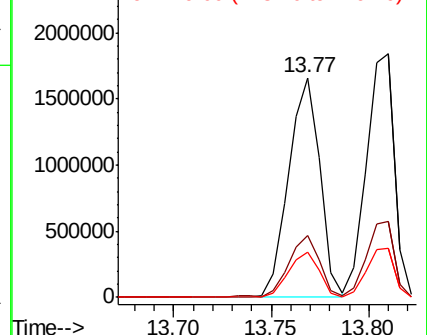


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.704 ng

RT: 13.73 min Scan# 1980

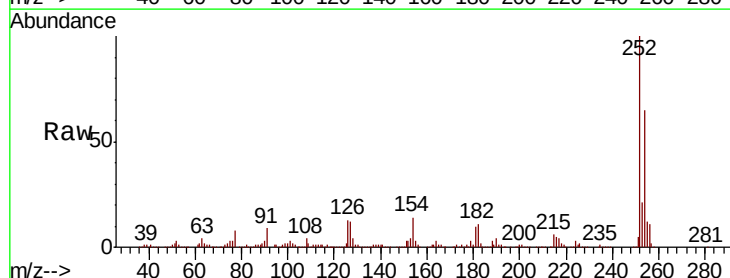
Delta R.T. -0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Tgt Ion:252 Resp: 700313

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.4
126	13.2	8.0	12.0

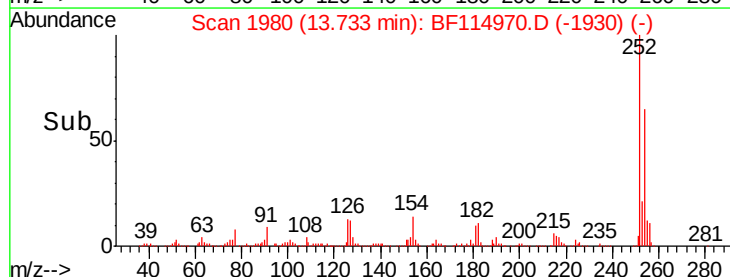
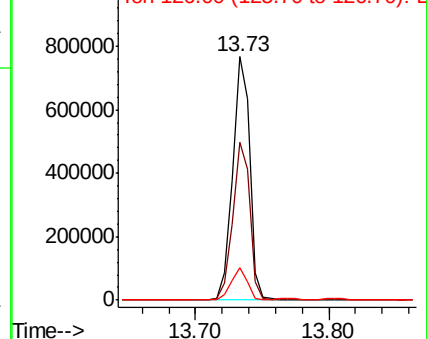


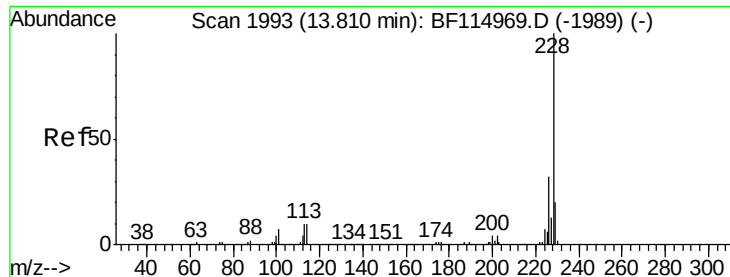
Abundance

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: 49.610 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampled :

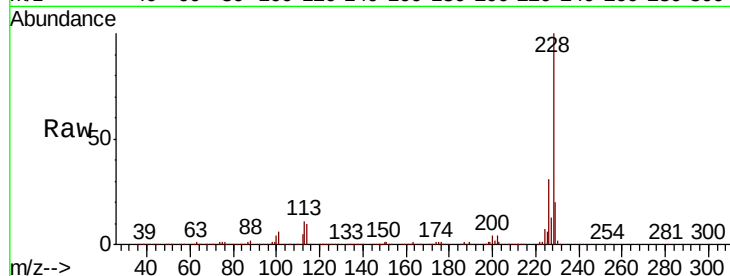
Tot Ion:228 Resp: 1830017

Ion Ratio Lower Upper

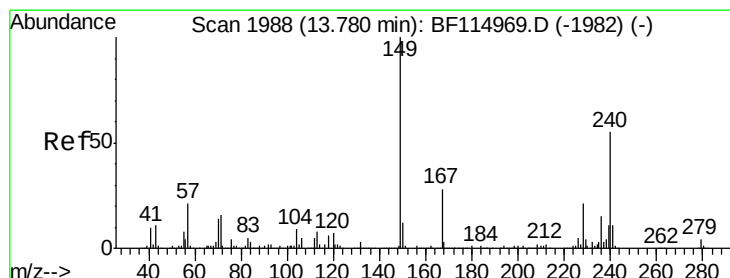
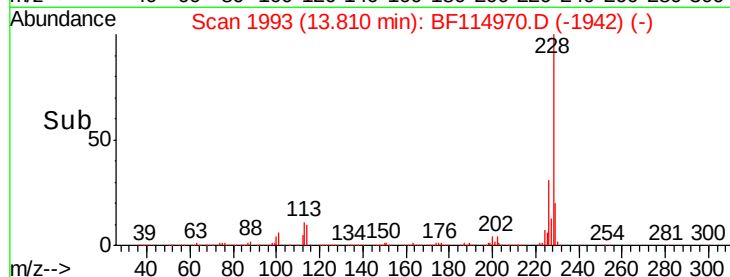
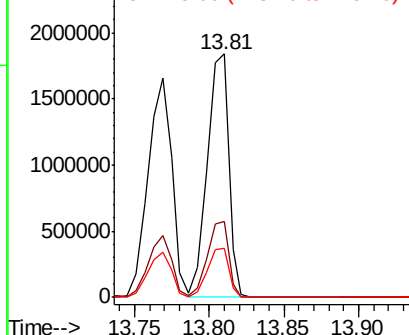
228 100

226 31.4 25.4 38.0

229 20.4 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
2500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.510 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

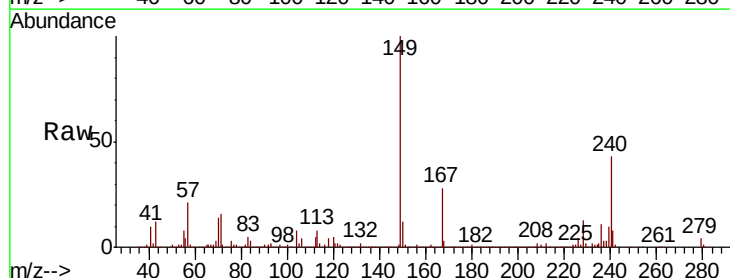
Tgt Ion:149 Resp: 1285916

Ion Ratio Lower Upper

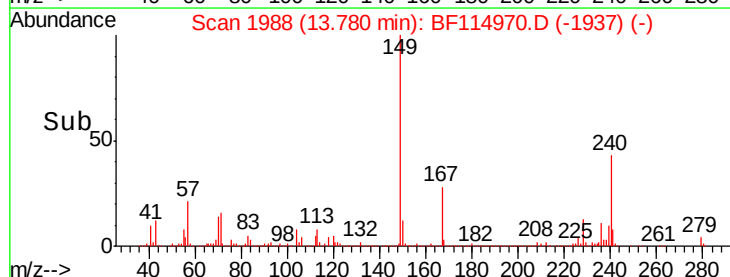
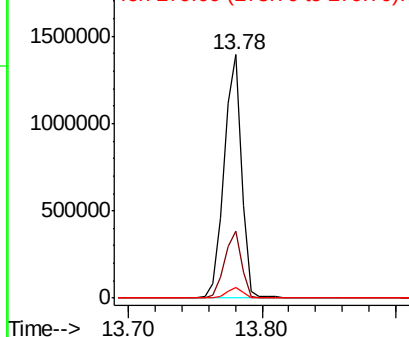
149 100

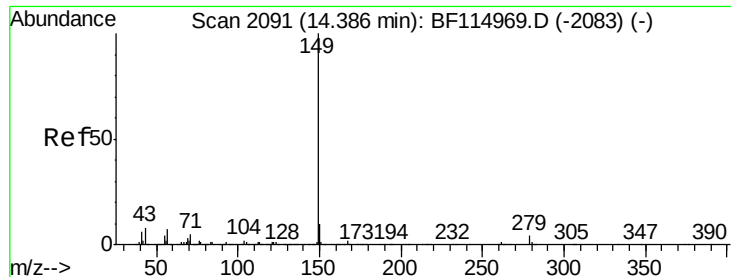
167 27.6 22.2 33.4

279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.455 ng

RT: 14.39 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

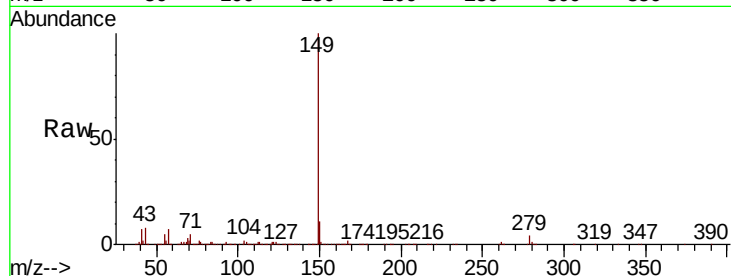
Tot Ion:149 Resp: 2118495

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

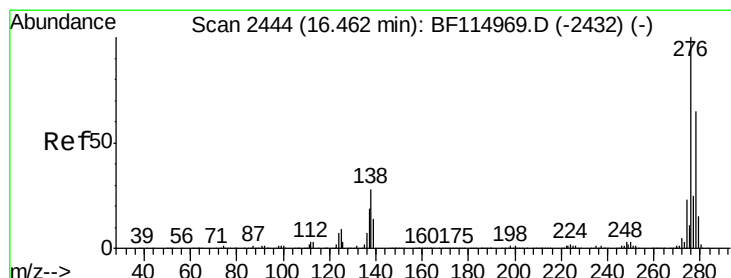
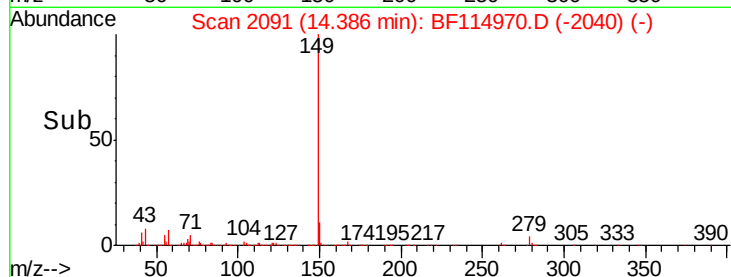
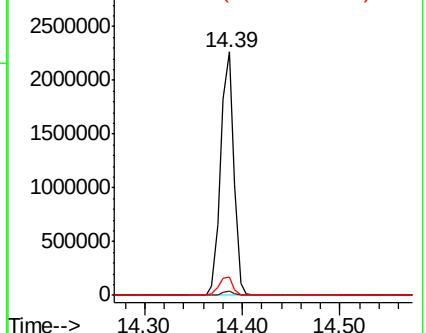
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.513 ng

RT: 16.46 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

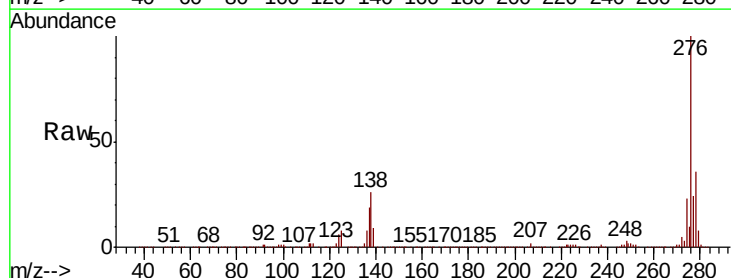
Tgt Ion:276 Resp: 1474312

Ion Ratio Lower Upper

276 100

138 28.8 23.0 34.4

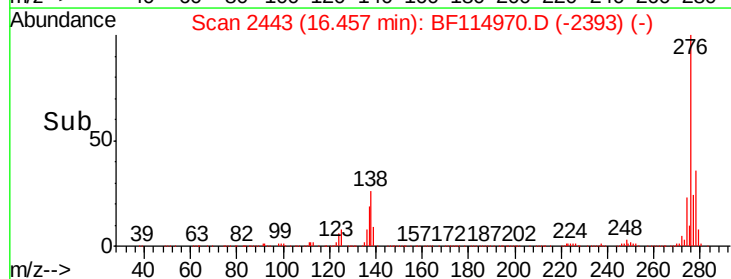
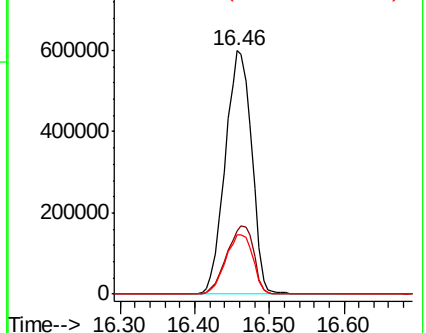
277 25.4 20.6 30.8

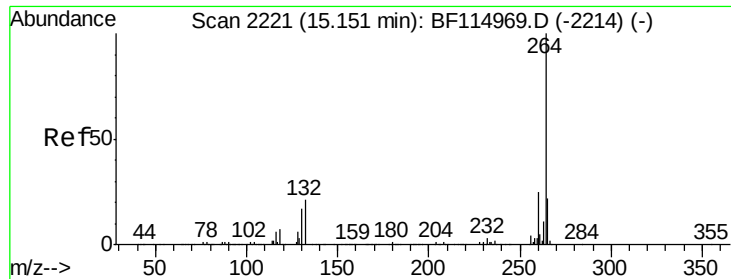


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



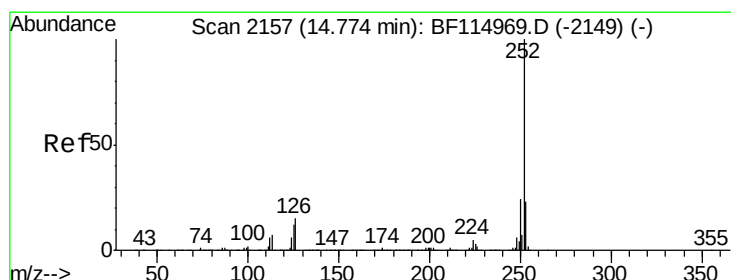
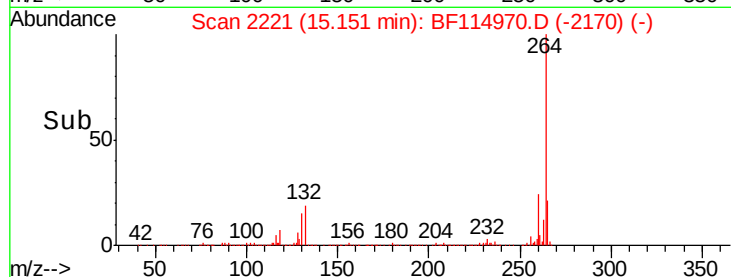
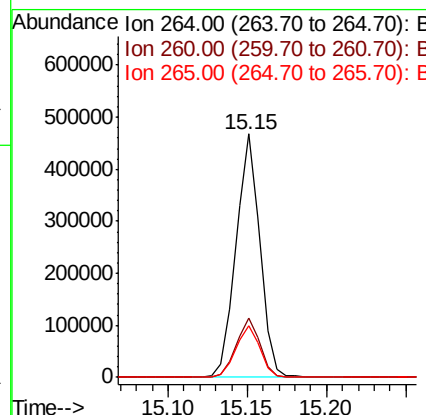
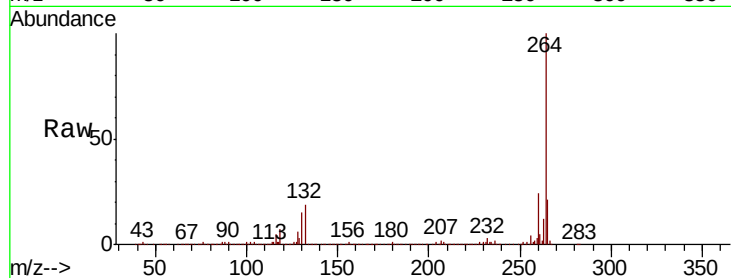


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 487520

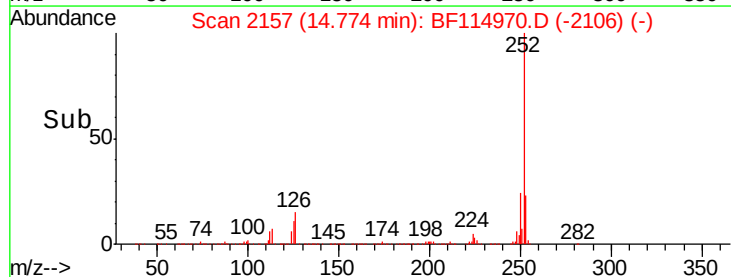
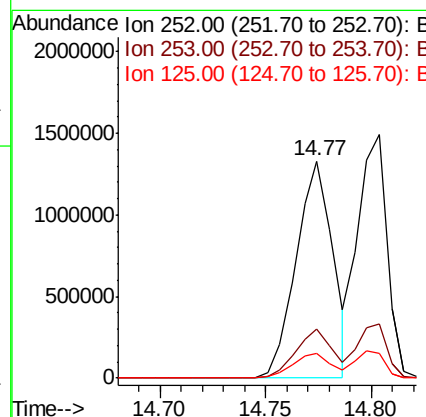
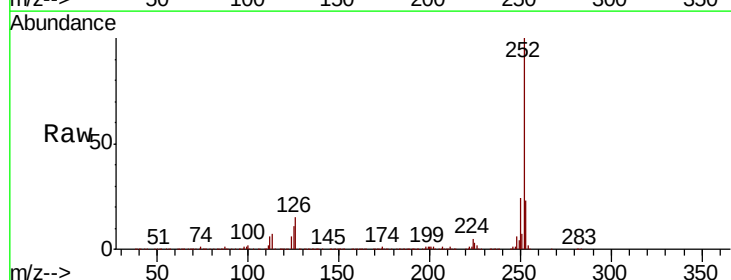
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.3	17.6	26.4

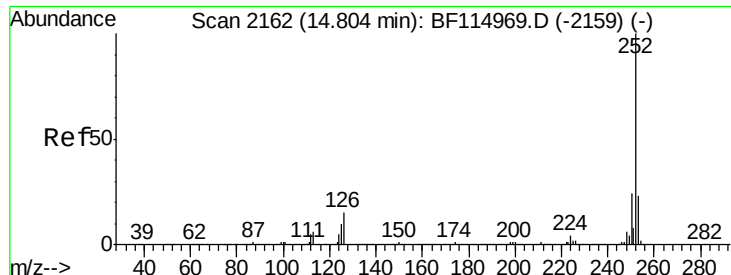


#88
Benzo(b)fluoranthene
Concen: 50.792 ng
RT: 14.77 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:252 Resp: 1612080

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.4	9.4	14.0

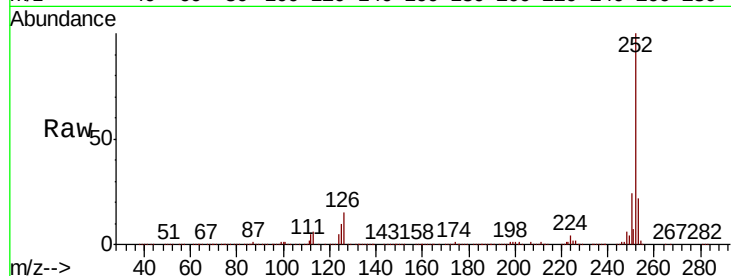




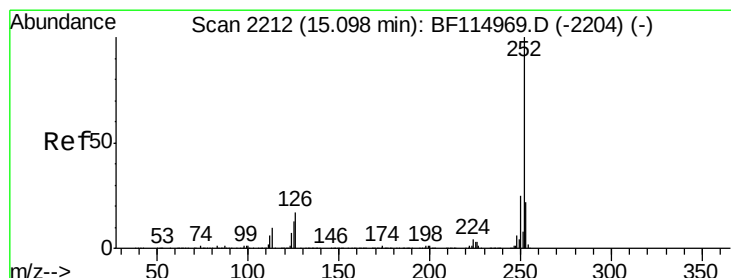
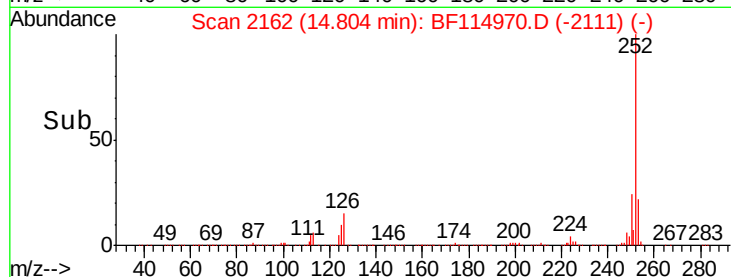
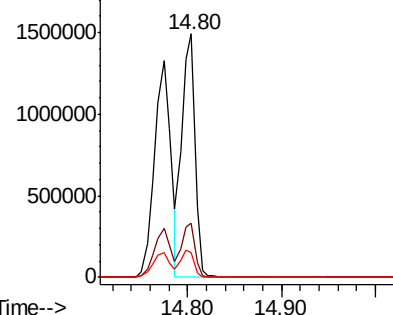
#89
Benzo(k)fluoranthene
Concen: 52.656 ng
RT: 14.80 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1450381
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.4 8.2 12.4

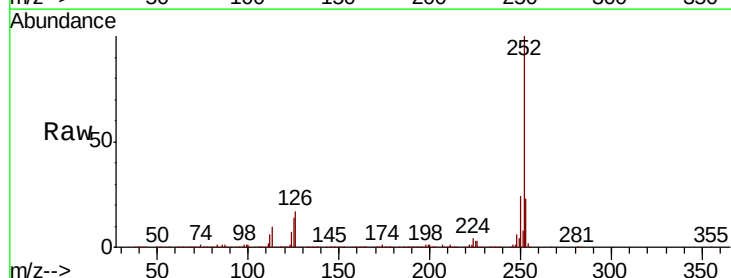


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

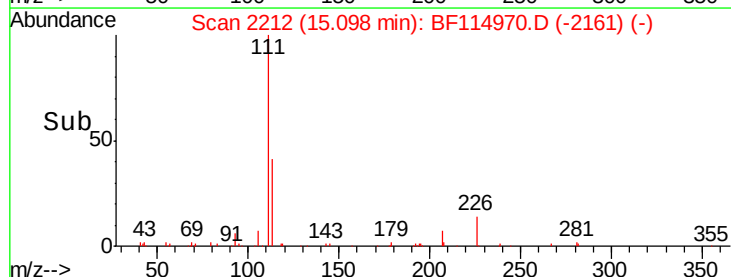
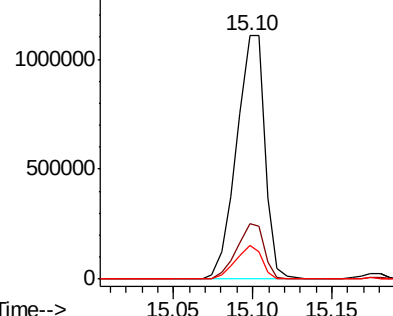


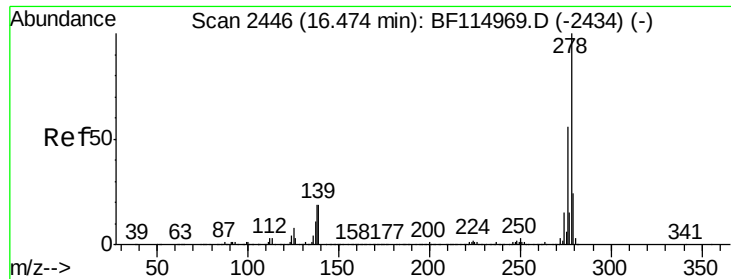
#90
Benzo(a)pyrene
Concen: 50.324 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF114970.D
Acq: 12 Jun 2019 11:42

Tgt Ion:252 Resp: 1387337
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 13.6 10.7 16.1



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





#91

Dibenzo(a,h)anthracene

Concen: 51.678 ng

RT: 16.47 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

Instrument :

BNA_F

ClientSampleId :

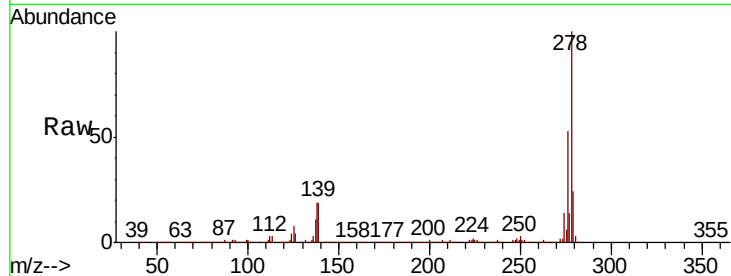
Tot Ion:278 Resp: 1203391

Ion Ratio Lower Upper

278 100

139 18.6 15.3 22.9

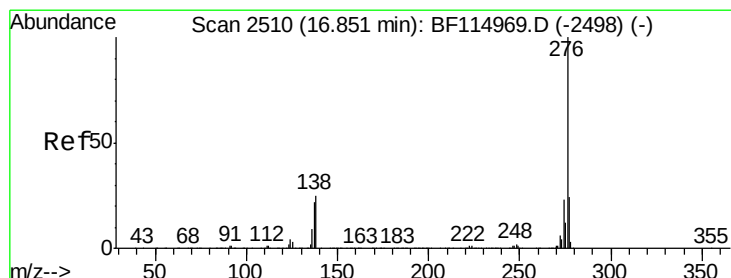
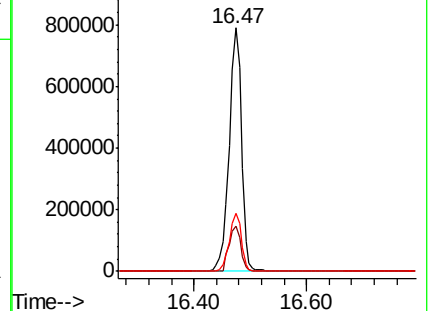
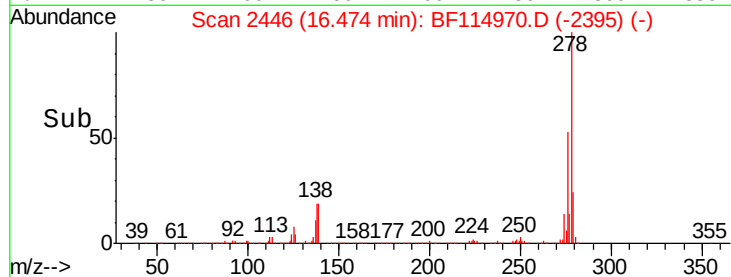
279 23.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.738 ng

RT: 16.85 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BF114970.D

Acq: 12 Jun 2019 11:42

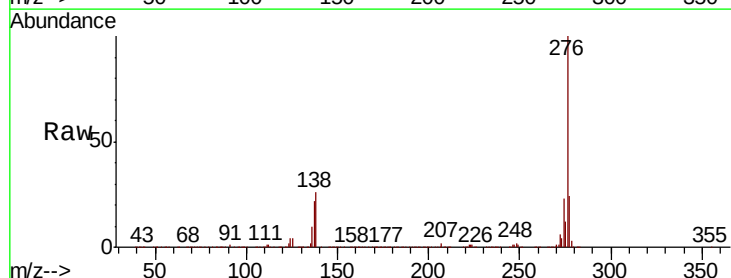
Tgt Ion:276 Resp: 1224136

Ion Ratio Lower Upper

276 100

277 24.0 18.8 28.2

138 25.5 20.2 30.4



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

