

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114936.D
 Acq On : 11 Jun 2019 10:15
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 12:55:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	312395	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	1278945	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	630491	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1218550	20.00	ng	0.00
76) Chrysene-d12	13.79	240	717060	20.00	ng	0.00
87) Perylene-d12	15.16	264	899759	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1554748	84.23	ng	0.00
7) Phenol-d6	6.30	99	1905934	85.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	1778380	85.44	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	564931	82.37	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	3061314	77.06	ng	0.00
79) Terphenyl-d14	12.75	244	2988687	82.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	374184	42.719	ng	99
3) Pyridine	2.96	79	982811	40.308	ng	99
4) n-Nitrosodimethylamine	2.91	42	363031	41.452	ng	100
6) Aniline	6.32	93	1286172	42.647	ng	# 80
8) 2-Chlorophenol	6.45	128	897801	42.618	ng	98
9) Benzaldehyde	6.20	77	542525	38.072	ng	97
10) Phenol	6.32	94	1053868	42.449	ng	98
11) bis(2-Chloroethyl)ether	6.40	93	850220	42.970	ng	98
12) 1,3-Dichlorobenzene	6.60	146	1044265	42.711	ng	97
13) 1,4-Dichlorobenzene	6.67	146	1051162	42.873	ng	98
14) 1,2-Dichlorobenzene	6.83	146	959689	43.125	ng	98
15) Benzyl Alcohol	6.81	79	691310	43.030	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.95	45	1177752	43.280	ng	100
17) 2-Methylphenol	6.93	107	750727	42.560	ng	99
18) Hexachloroethane	7.17	117	384115	42.512	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	594741	42.718	ng	99
20) 3+4-Methylphenols	6.93	107	750727	38.011	ng	82
22) Acetophenone	7.07	105	1203510	42.039	ng	# 98
24) Nitrobenzene	7.25	77	923583	42.652	ng	98
25) Isophorone	7.49	82	1707650	41.894	ng	99
26) 2-Nitrophenol	7.56	139	517726	43.036	ng	95
27) 2,4-Dimethylphenol	7.61	122	743053	42.210	ng	100
28) bis(2-Chloroethoxy)methane	7.70	93	1113374	42.699	ng	99
29) 2,4-Dichlorophenol	7.80	162	789244	42.812	ng	97
30) 1,2,4-Trichlorobenzene	7.89	180	908854	42.958	ng	99
31) Naphthalene	7.96	128	2516361	42.700	ng	100
32) Benzoic acid	7.75	122	607924	46.232	ng	97
33) 4-Chloroaniline	8.02	127	1190002	42.791	ng	99
34) Hexachlorobutadiene	8.09	225	513960	43.312	ng	98
35) Caprolactam	8.40	113	267179	43.024	ng	94
36) 4-Chloro-3-methylphenol	8.50	107	802532	42.860	ng	98
37) 2-Methylnaphthalene	8.65	142	1721172	42.980	ng	99
38) 1-Methylnaphthalene	8.75	142	1631112	43.066	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	774622	42.732	ng	100

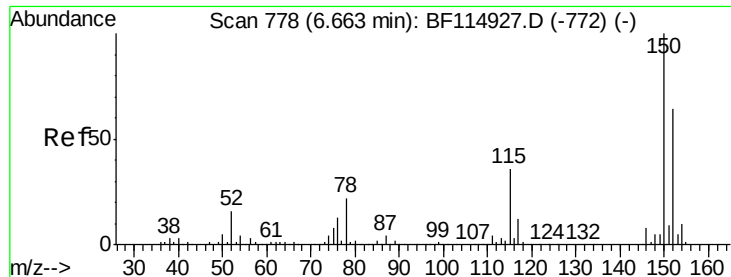
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114936.D
 Acq On : 11 Jun 2019 10:15
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 11 12:55:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.81	237	454008	44.061	ng	99
43) 2,4,6-Trichlorophenol	8.93	196	593208	43.096	ng	99
44) 2,4,5-Trichlorophenol	8.97	196	607057	42.771	ng	97
46) 1,1'-Biphenyl	9.12	154	2043492	43.322	ng	99
47) 2-Chloronaphthalene	9.14	162	1725827	43.342	ng	99
48) 2-Nitroaniline	9.23	65	517990	42.737	ng	94
49) Acenaphthylene	9.55	152	2541328	43.310	ng	100
50) Dimethylphthalate	9.43	163	2007887	42.372	ng	99
51) 2,6-Dinitrotoluene	9.48	165	466933	42.901	ng	95
52) Acenaphthene	9.72	154	1545906	43.487	ng	99
53) 3-Nitroaniline	9.65	138	551826	42.221	ng	99
54) 2,4-Dinitrophenol	9.75	184	227164	42.169	ng	93
55) Dibenzofuran	9.90	168	2188029	43.118	ng	97
56) 4-Nitrophenol	9.81	139	395045	42.410	ng	93
57) 2,4-Dinitrotoluene	9.88	165	594667	43.224	ng	99
58) Fluorene	10.24	166	1563869	39.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	496301	43.255	ng	99
60) Diethylphthalate	10.12	149	1951826	42.379	ng	100
61) 4-Chlorophenyl-phenylether	10.23	204	786454	40.160	ng	94
62) 4-Nitroaniline	10.26	138	561263	41.903	ng	99
63) Azobenzene	10.39	77	1712639	42.723	ng	99
65) 4,6-Dinitro-2-methylphenol	10.29	198	294008	43.024	ng	89
66) n-Nitrosodiphenylamine	10.35	169	1555983	42.980	ng	99
67) 4-Bromophenyl-phenylether	10.72	248	568195	43.048	ng	98
68) Hexachlorobenzene	10.79	284	620310	42.558	ng	94
69) Atrazine	10.88	200	476560	39.067	ng	99
70) Pentachlorophenol	10.97	266	367330	44.942	ng	99
71) Phenanthrene	11.19	178	2501789	42.317	ng	99
72) Anthracene	11.24	178	2565666	42.756	ng	99
73) Carbazole	11.39	167	2327221	42.598	ng	99
74) Di-n-butylphthalate	11.73	149	2883811	42.711	ng	100
75) Fluoranthene	12.37	202	2572393	42.067	ng	99
77) Benzidine	12.49	184	1260214	40.159	ng	99
78) Pyrene	12.60	202	2609260	41.782	ng	99
80) Butylbenzylphthalate	13.22	149	1294818	42.086	ng	100
81) Benzo(a)anthracene	13.77	228	2272318	42.858	ng	99
82) 3,3'-Dichlorobenzidine	13.75	252	947985	43.802	ng	99
83) Chrysene	13.82	228	2312173	43.427	ng	100
84) Bis(2-ethylhexyl)phthalate	13.79	149	1568829	43.540	ng	100
85) Di-n-octyl phthalate	14.39	149	2880770	43.767	ng	100
86) Indeno(1,2,3-cd)pyrene	16.47	276	2222919	44.410	ng	100
88) Benzo(b)fluoranthene	14.79	252	2451856	41.857	ng	100
89) Benzo(k)fluoranthene	14.82	252	2075996	40.837	ng	100
90) Benzo(a)pyrene	15.11	252	2132017	41.904	ng	98
91) Dibenzo(a,h)anthracene	16.49	278	1803886	41.973	ng	99
92) Benzo(g,h,i)perylene	16.87	276	1762338	41.138	ng	97

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

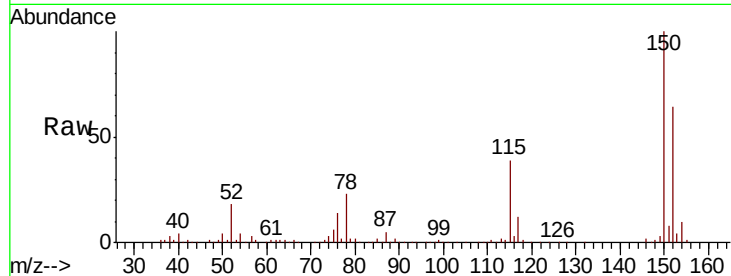


#1

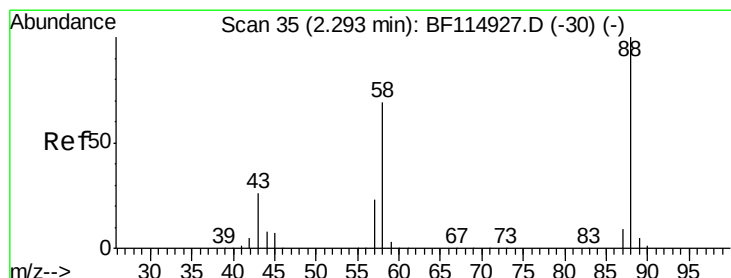
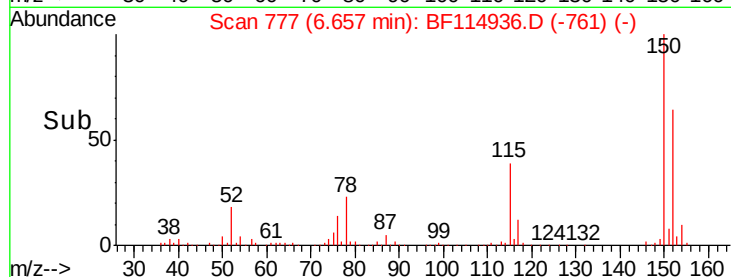
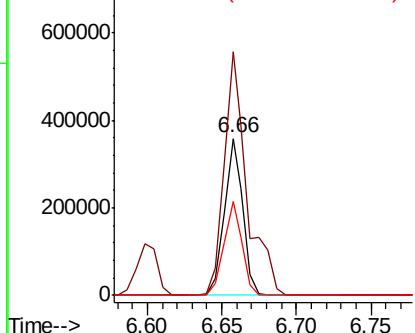
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 312395
Ion Ratio Lower Upper
152 100
150 155.3 125.2 187.8
115 59.9 45.0 67.4



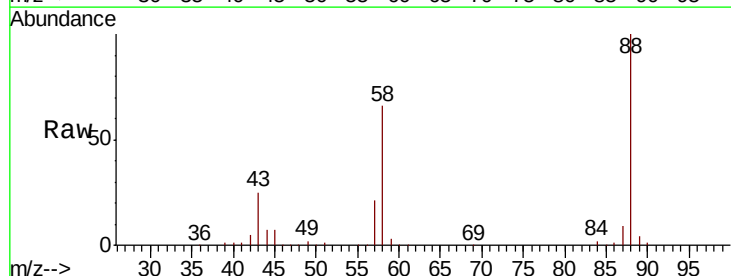
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



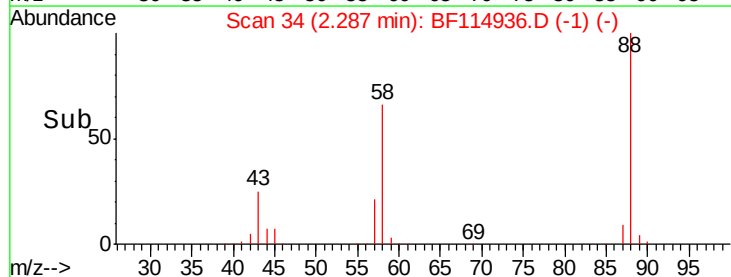
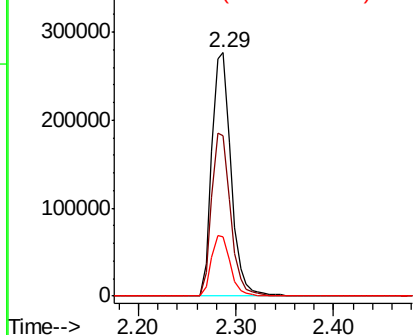
#2

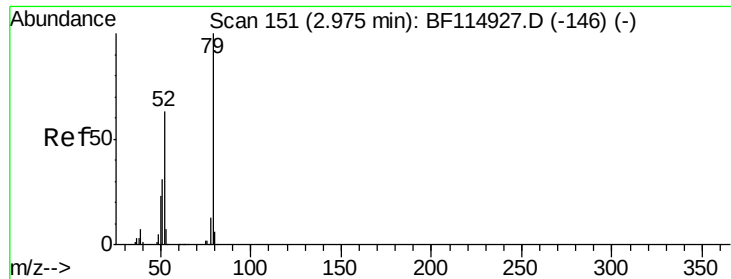
1,4-Dioxane
Concen: 42.719 ng
RT: 2.29 min Scan# 34
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion: 88 Resp: 374184
Ion Ratio Lower Upper
88 100
58 66.7 54.2 81.2
43 25.1 20.6 30.8



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





#3

Pvridine

Concen: 40.308 ng

RT: 2.96 min Scan# 148

Delta R.T. -0.02 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

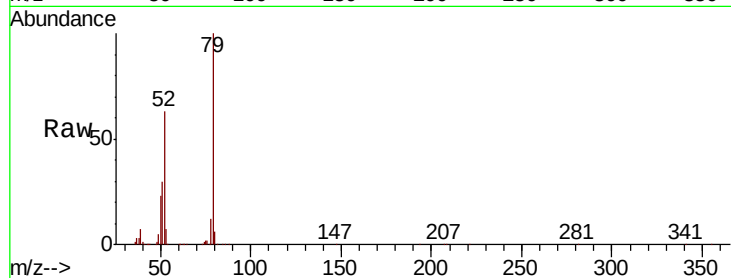
Tot Ion: 79 Resp: 982811

Ion Ratio Lower Upper

79 100

52 63.2 50.2 75.2

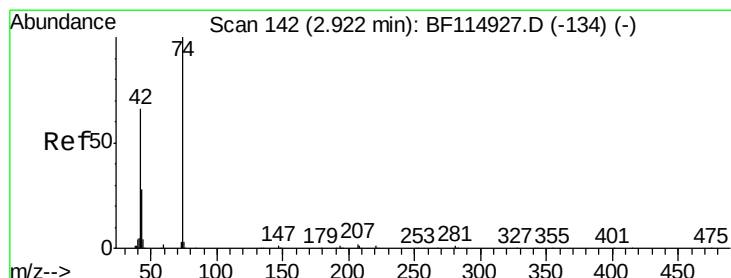
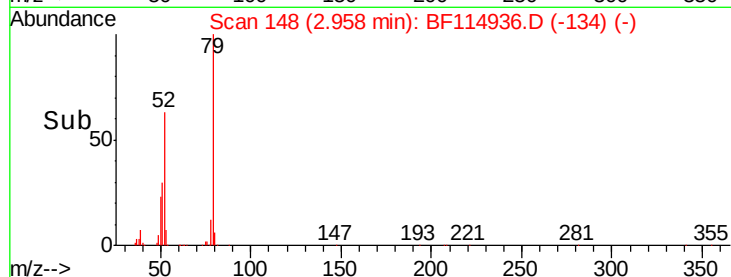
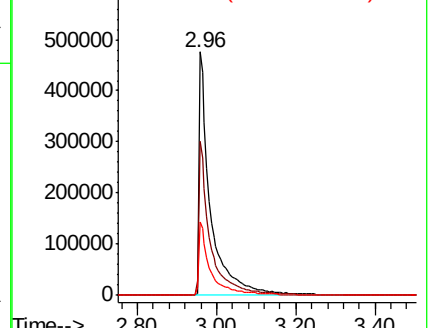
51 30.3 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.452 ng

RT: 2.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

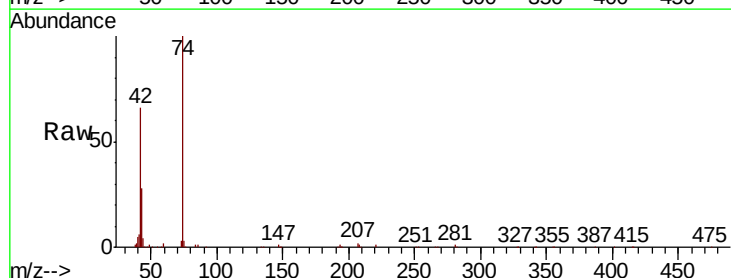
Tgt Ion: 42 Resp: 363031

Ion Ratio Lower Upper

42 100

74 152.3 121.9 182.9

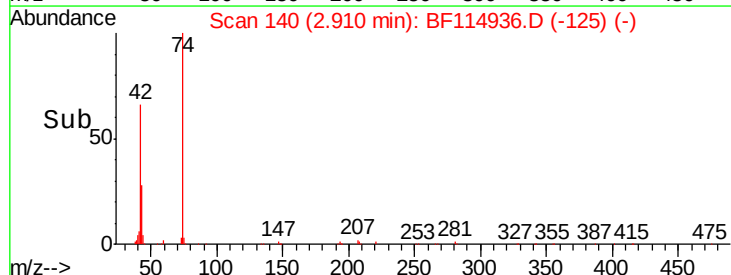
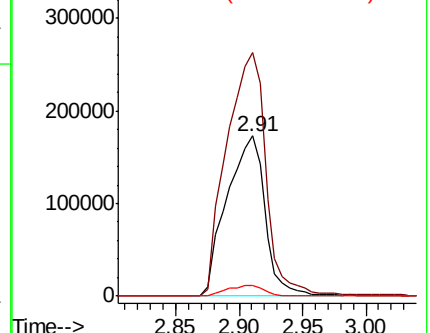
44 6.4 5.1 7.7

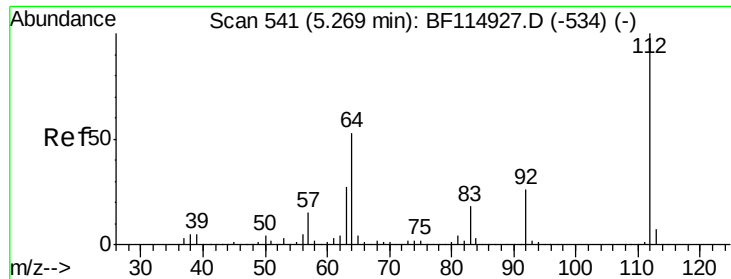


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 84.229 ng

RT: 5.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampled :

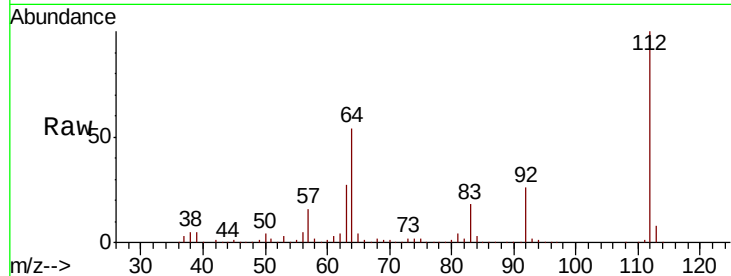
Tot Ion:112 Resp: 1554748

Ion Ratio Lower Upper

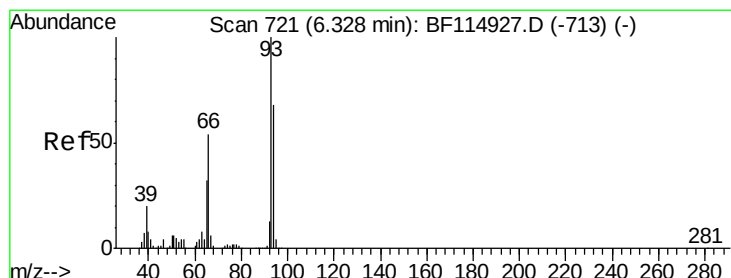
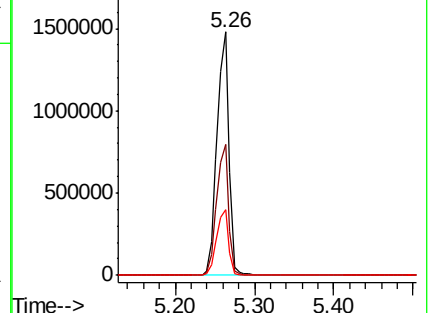
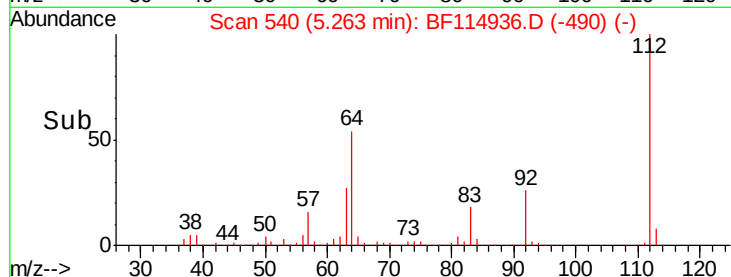
112 100

64 53.8 42.1 63.1

63 27.1 21.8 32.8



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: 42.647 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

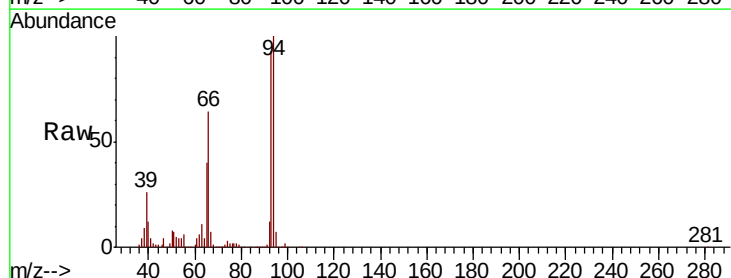
Tgt Ion: 93 Resp: 1286172

Ion Ratio Lower Upper

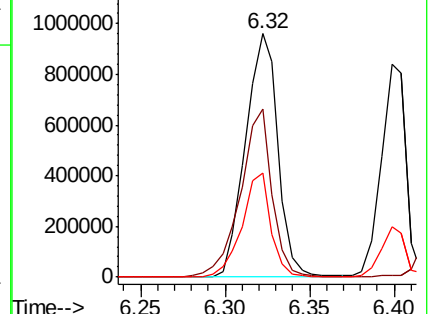
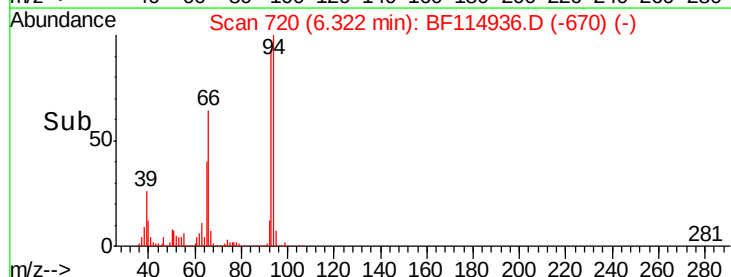
93 100

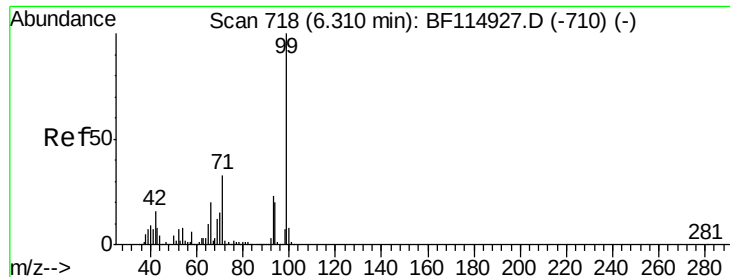
66 69.1 43.6 65.4#

65 42.8 25.7 38.5#



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: 85.604 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

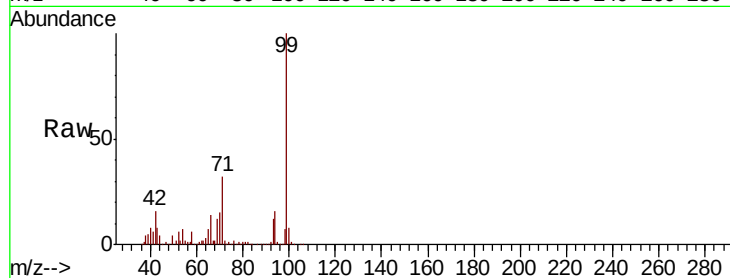
Tot Ion: 99 Resp: 1905934

Ion Ratio Lower Upper

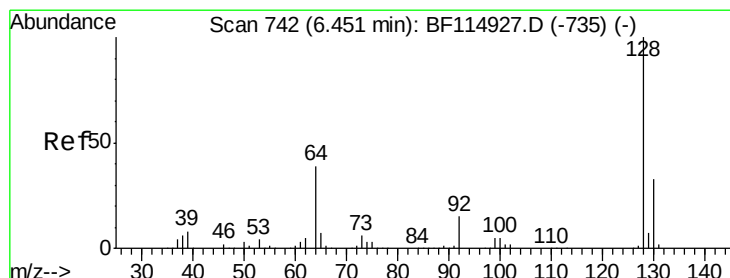
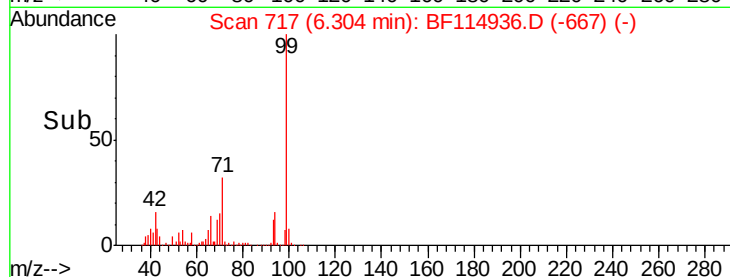
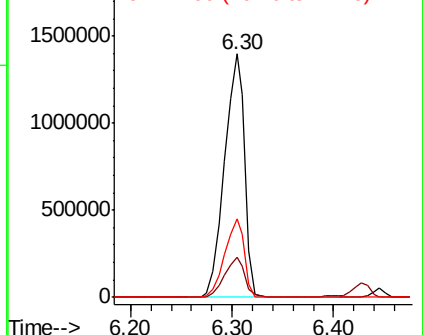
99 100

42 16.2 13.1 19.7

71 32.3 26.8 40.2



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: 42.618 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

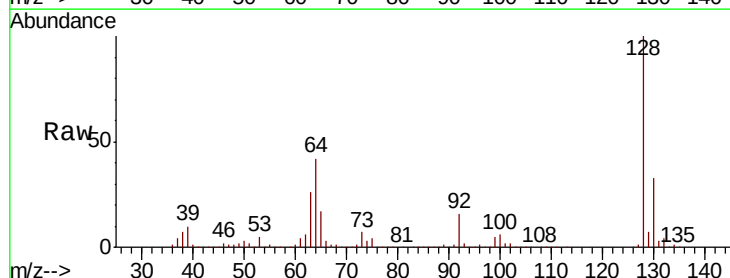
Tgt Ion: 128 Resp: 897801

Ion Ratio Lower Upper

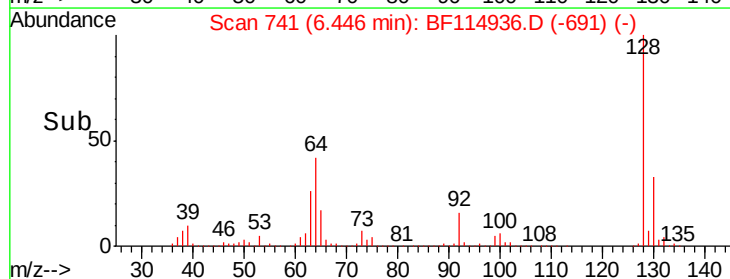
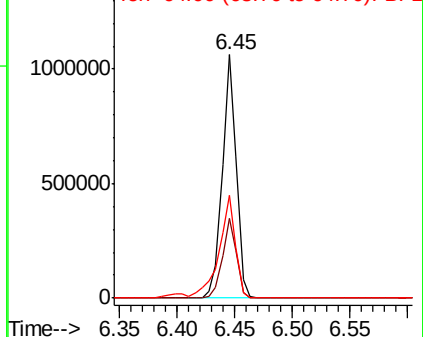
128 100

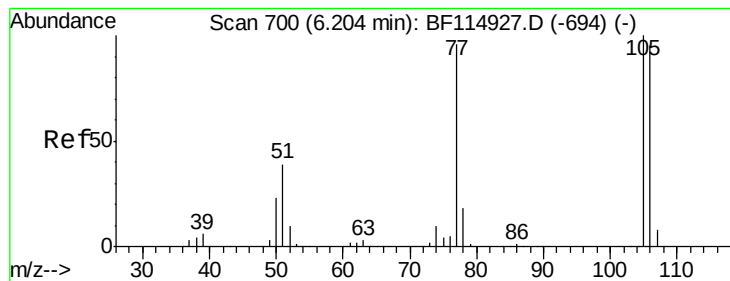
130 33.0 13.3 53.3

64 42.0 19.5 59.5



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: 38.072 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

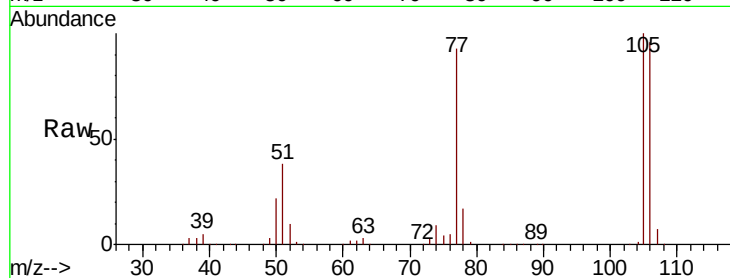
Tot Ion: 77 Resp: 542525

Ion Ratio Lower Upper

77 100

105 107.1 84.5 124.5

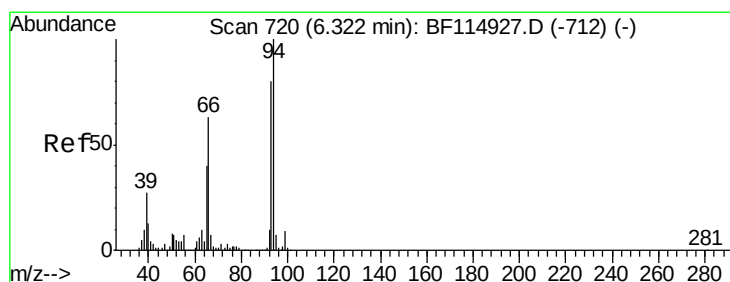
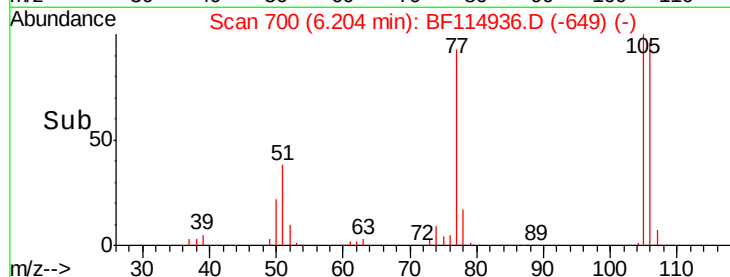
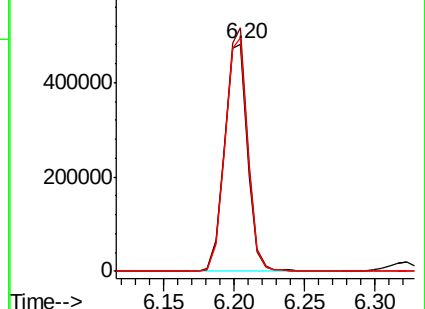
106 102.4 79.2 119.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.449 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

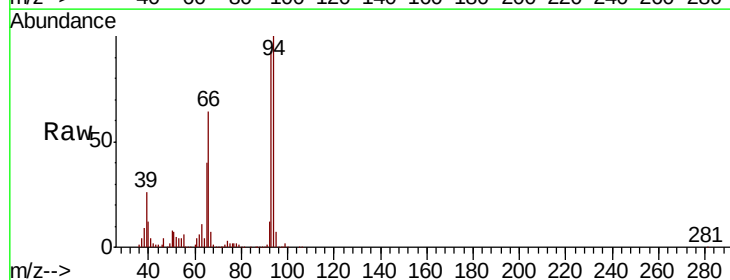
Tgt Ion: 94 Resp: 1053868

Ion Ratio Lower Upper

94 100

65 39.9 19.6 59.6

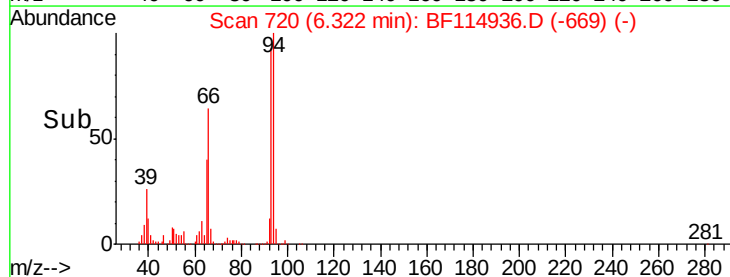
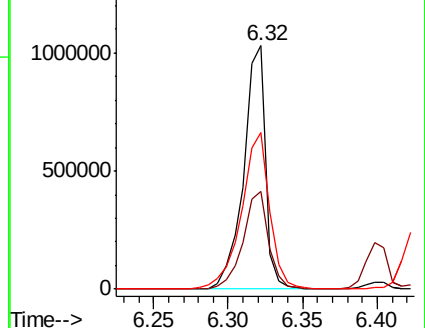
66 64.5 42.6 82.6

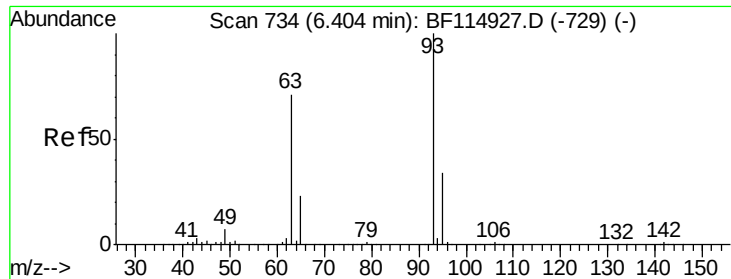


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 42.970 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

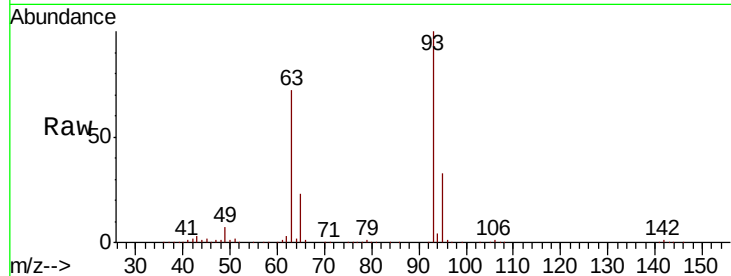
Tot Ion: 93 Resp: 850220

Ion Ratio Lower Upper

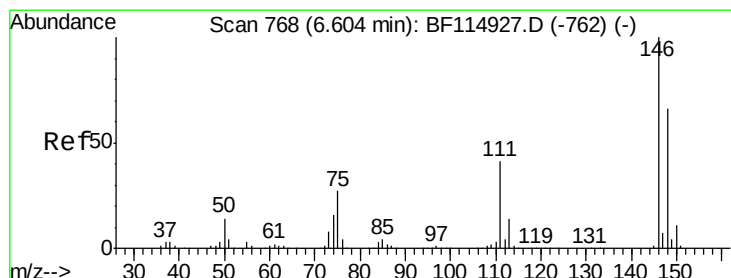
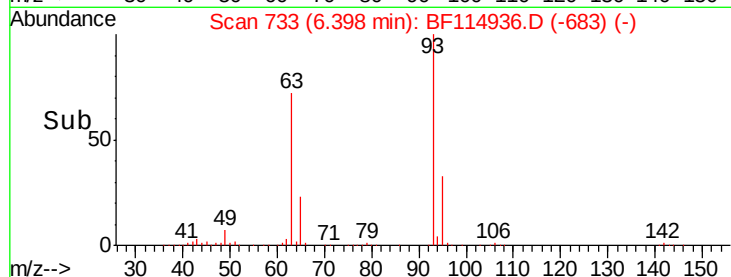
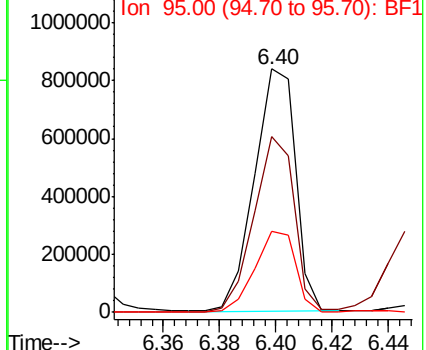
93 100

63 72.3 50.5 90.5

95 33.4 13.6 53.6



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: 42.711 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

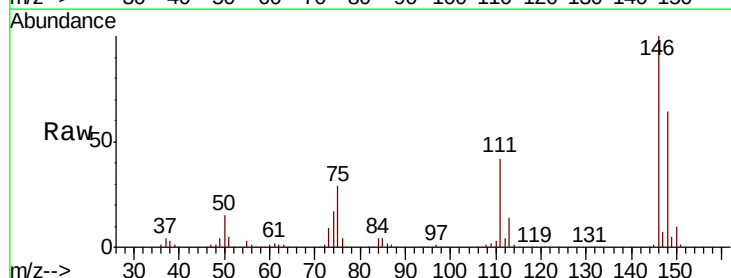
Tgt Ion: 146 Resp: 1044265

Ion Ratio Lower Upper

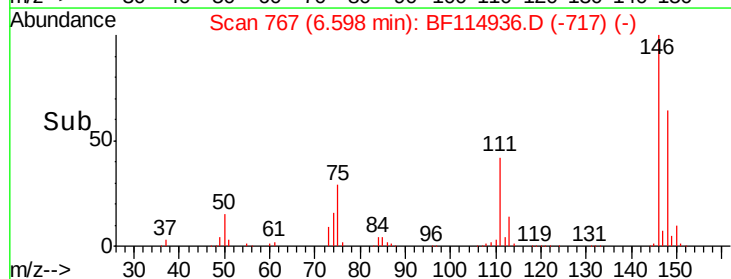
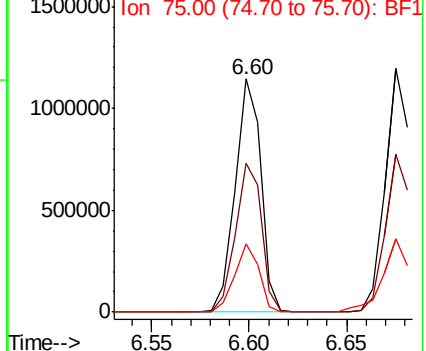
146 100

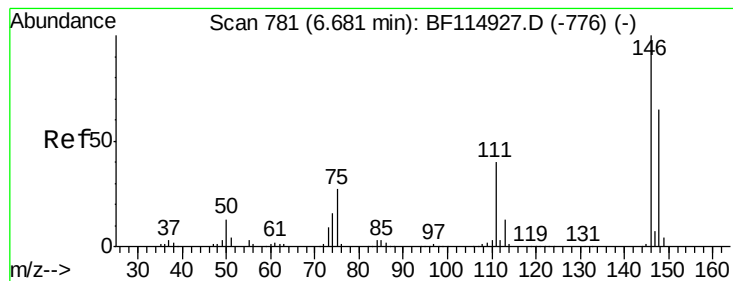
148 64.0 52.6 78.8

75 29.1 21.9 32.9



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





#13

1,4-Dichlorobenzene

Concen: 42.873 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

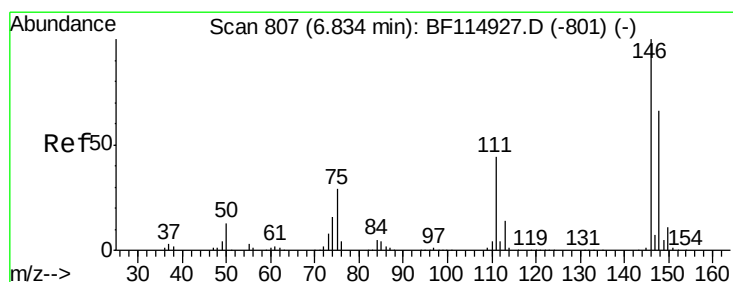
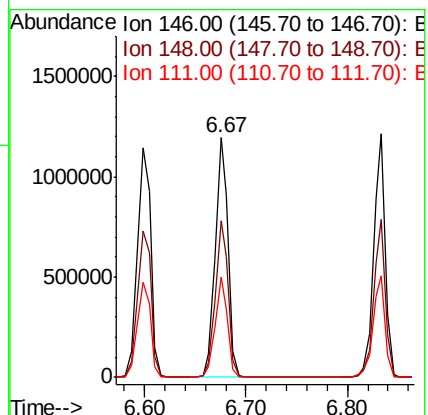
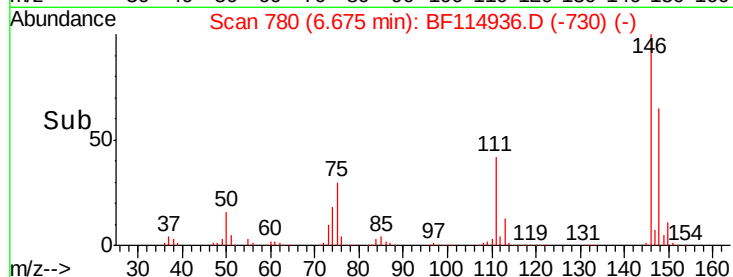
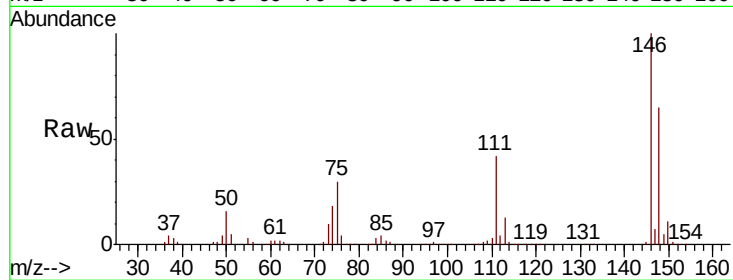
Tot Ion:146 Resp: 1051162

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

111 41.9 31.8 47.8



#14

1,2-Dichlorobenzene

Concen: 43.125 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

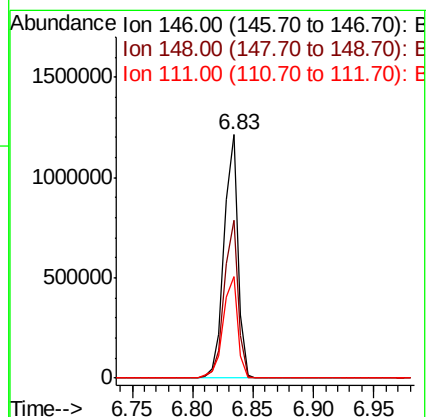
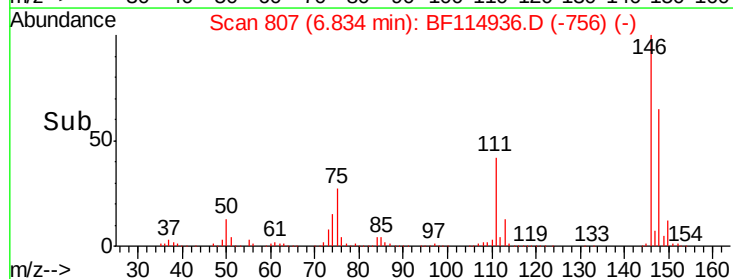
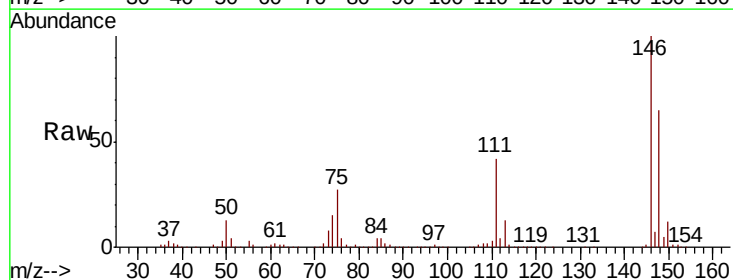
Tgt Ion:146 Resp: 959689

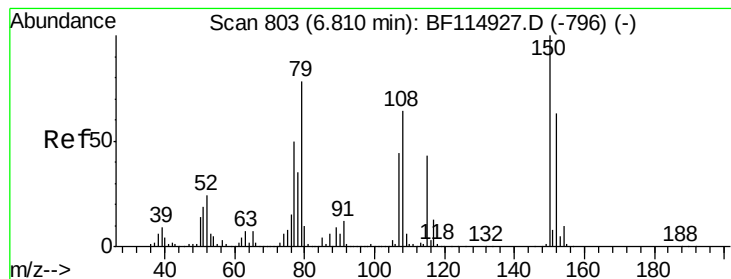
Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.030 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampled :

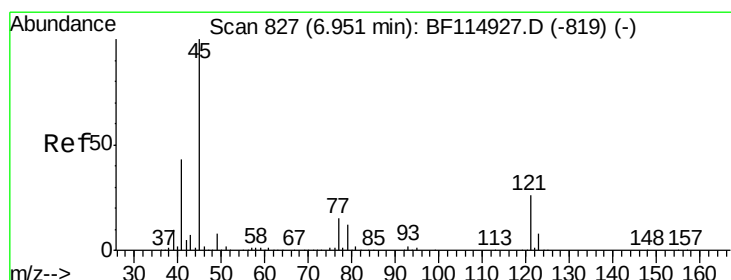
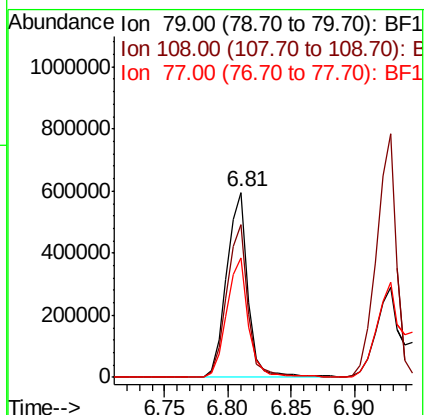
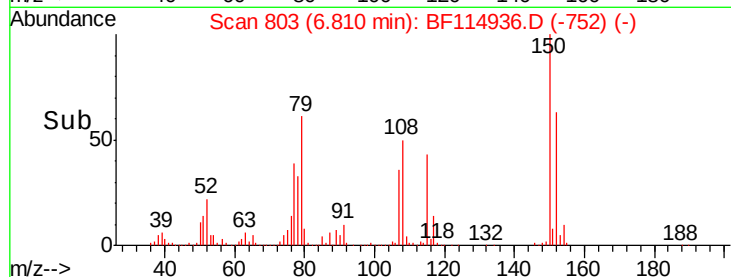
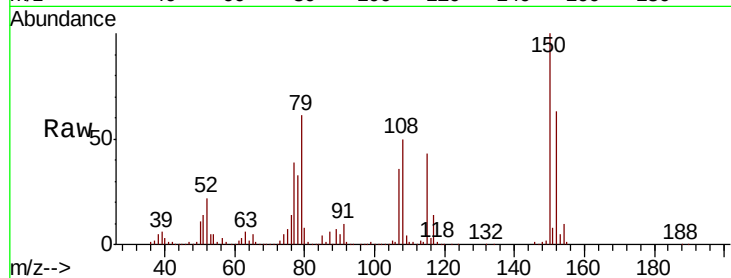
Tot Ion: 79 Resp: 691310

Ion Ratio Lower Upper

79 100

108 82.2 65.5 98.3

77 64.5 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.280 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

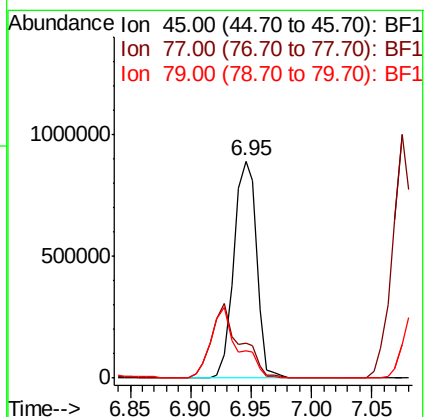
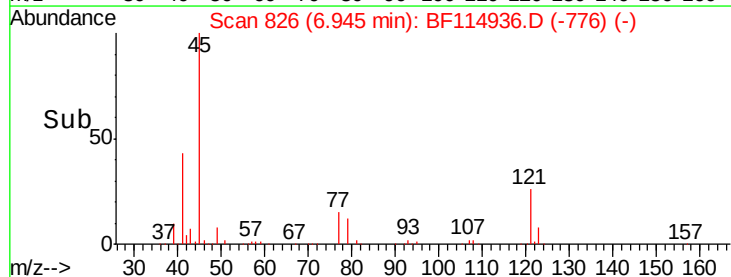
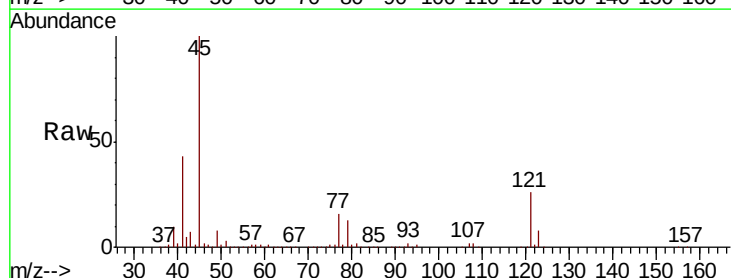
Tgt Ion: 45 Resp: 1177752

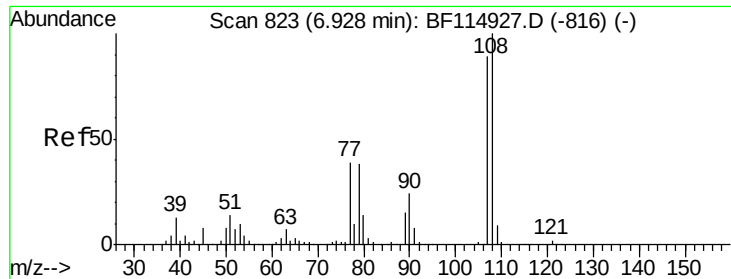
Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.2

79 12.7 0.0 32.7

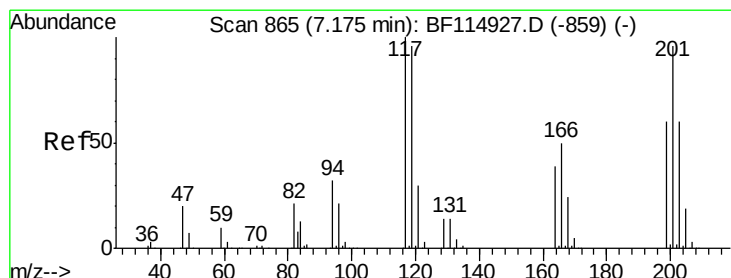
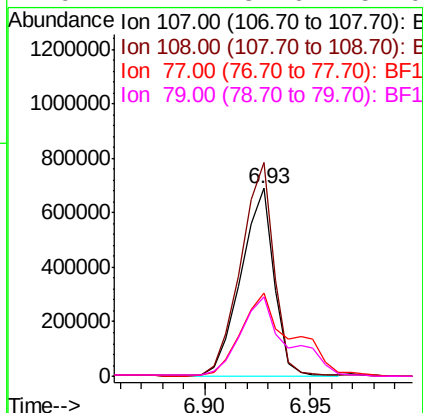
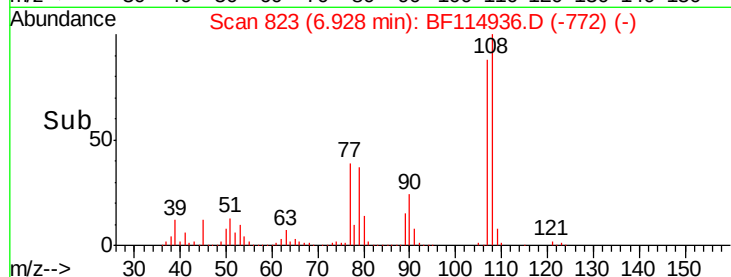
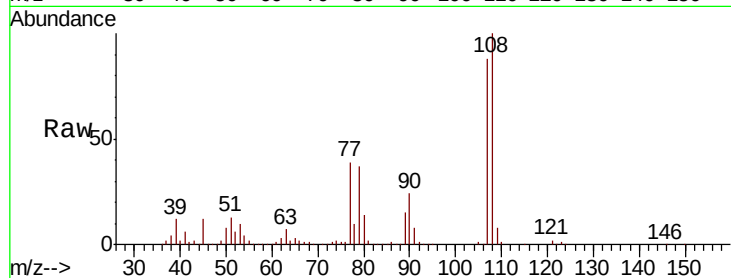




#17
2-Methylphenol
Concen: 42.560 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

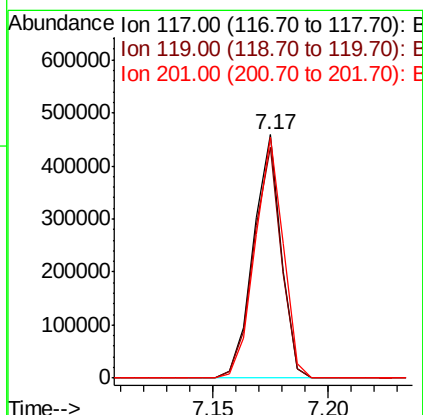
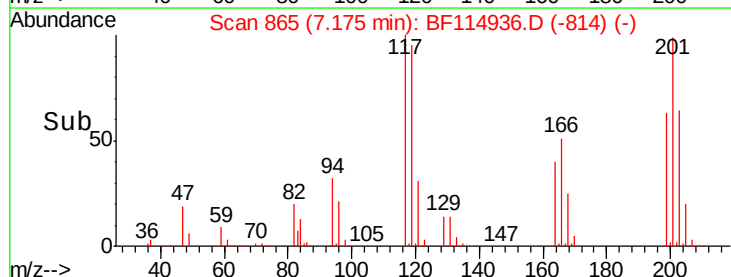
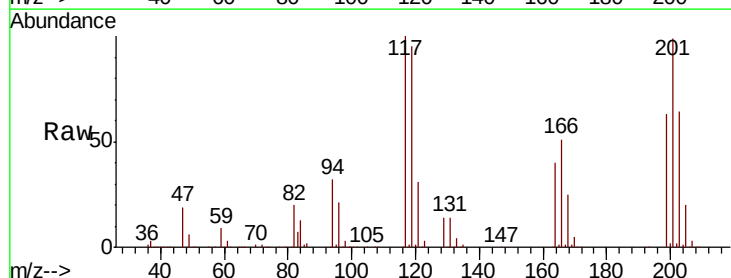
Instrument :
BNA_F
ClientSampleId :

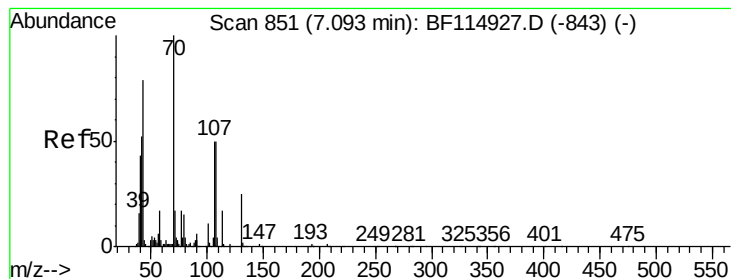
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.2	135.2
77	44.3	35.4	53.0
79	42.1	34.6	52.0



#18
Hexachloroethane
Concen: 42.512 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.6	114.8
201	98.9	77.0	115.6





#19

n-Nitroso-di-n-propylamine

Concen: 42.718 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 594741

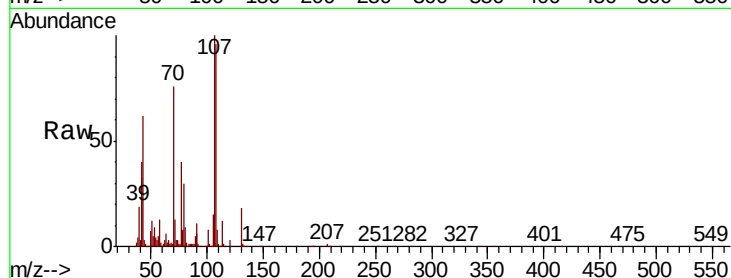
Ion Ratio Lower Upper

70 100

42 52.1 41.7 62.5

101 10.0 8.4 12.6

130 23.3 19.9 29.9



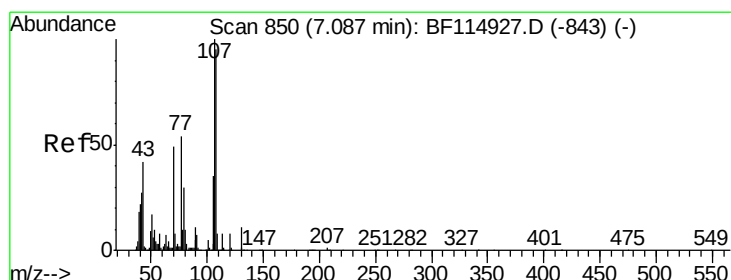
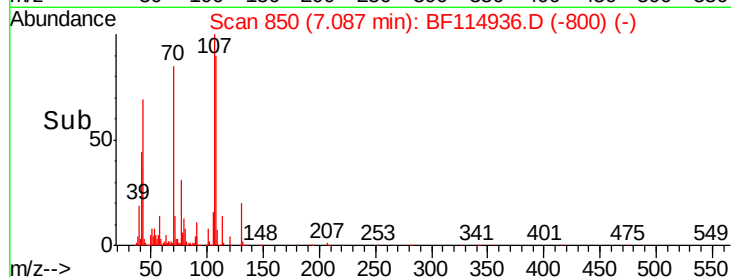
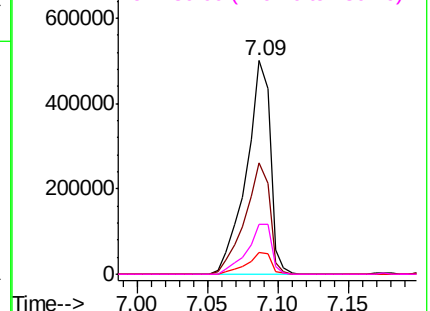
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.011 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.16 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion: 107 Resp: 750727

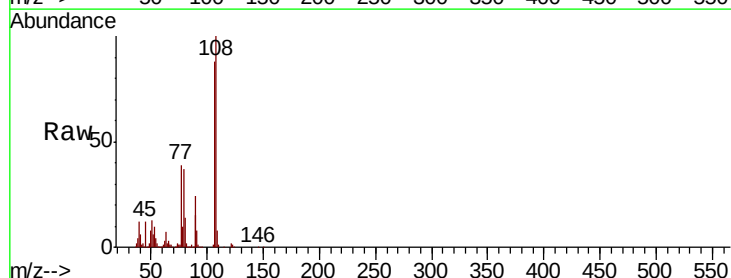
Ion Ratio Lower Upper

107 100

108 113.7 74.7 114.7

77 44.3 33.7 73.7

79 42.1 10.2 50.2



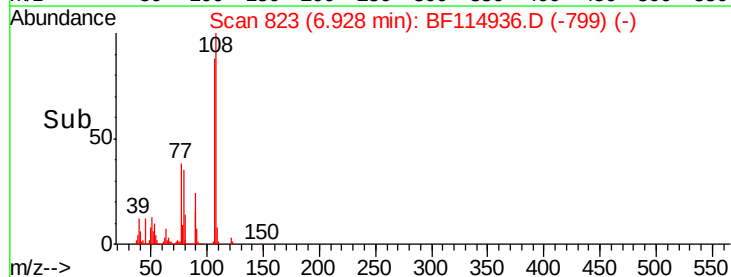
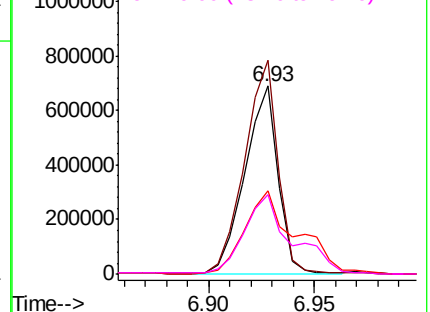
Abundance

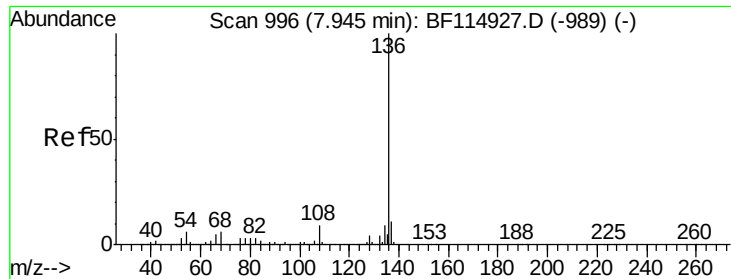
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

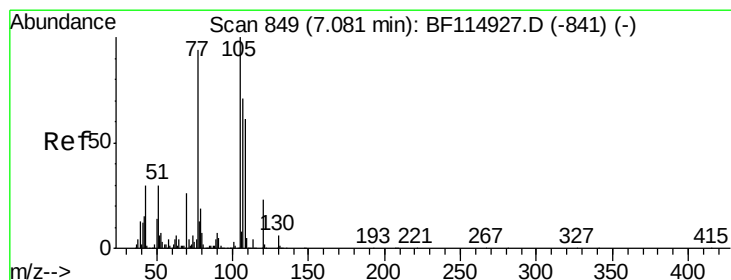
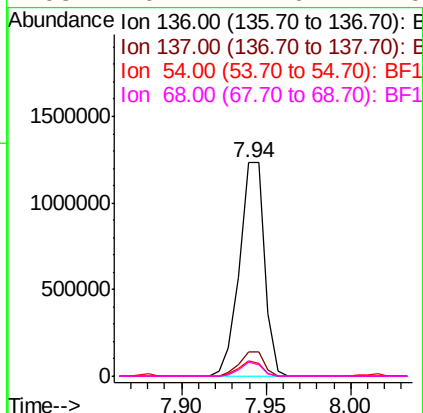
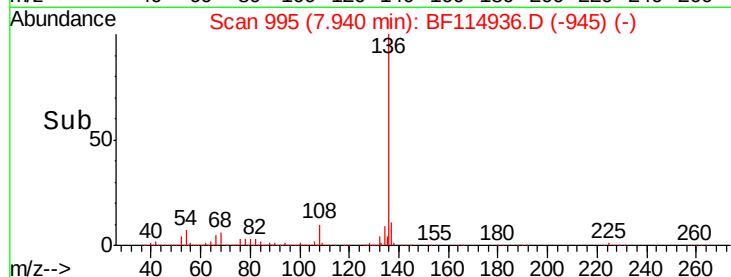
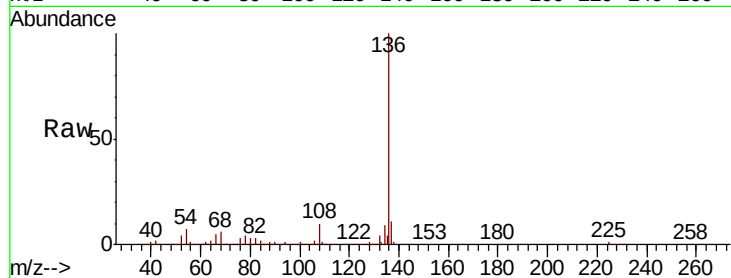




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

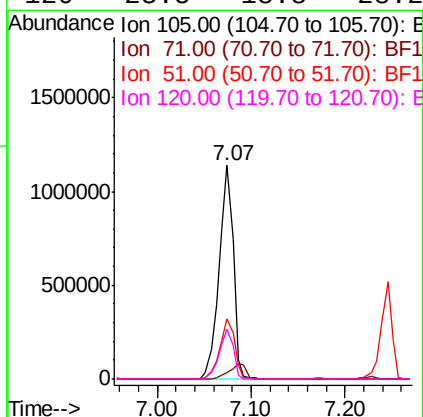
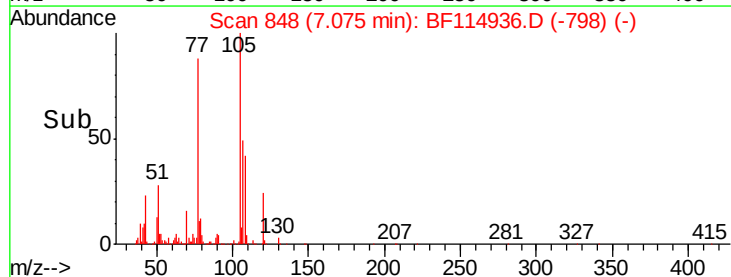
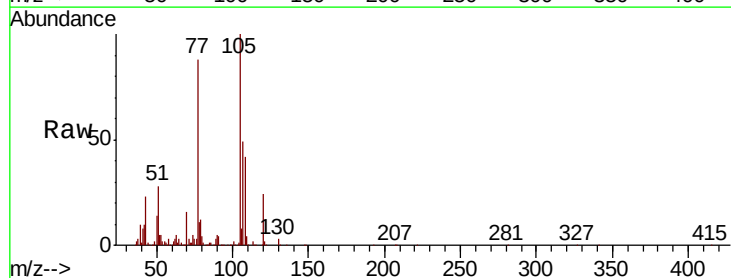
Instrument :
BNA_F
ClientSampleId :

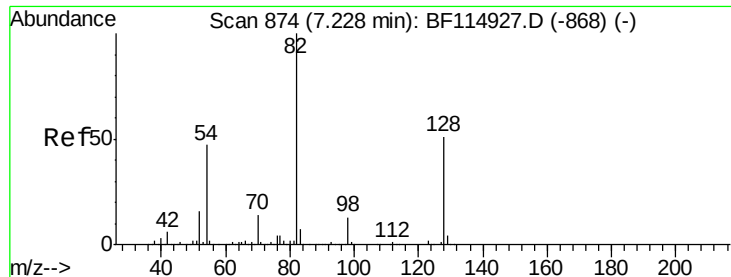
Tot Ion:136	Resp: 1278945
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.6
54 7.2	5.2 7.8
68 6.4	4.6 7.0



#22
Acetophenone
Concen: 42.039 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt	Ion:105	Resp:	1203510
Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.4	5.2#
51	28.4	24.0	36.0
120	23.5	18.8	28.2



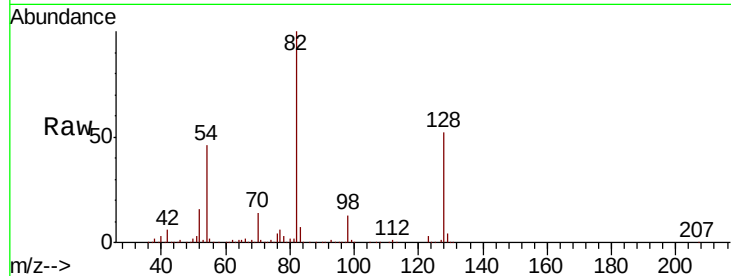


#23
 Nitrobenzene-d5
 Concen: 85.436 ng
 RT: 7.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

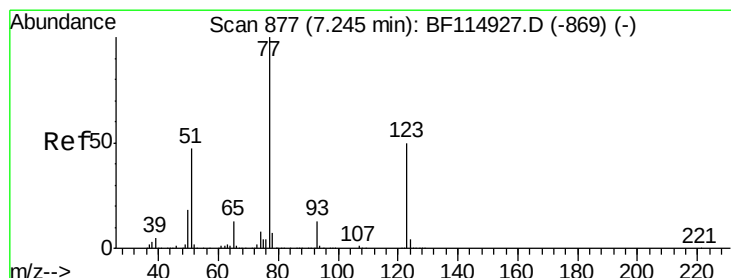
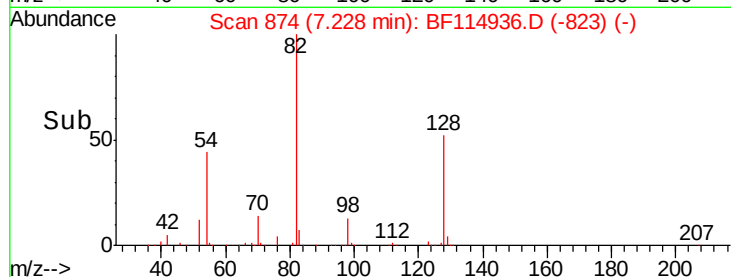
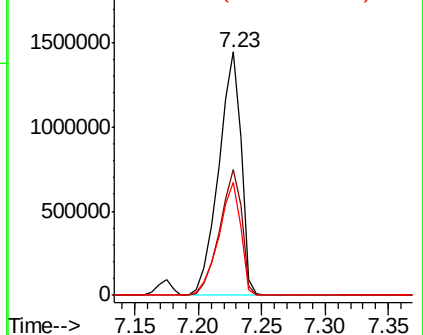
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1778380

Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.9	61.3
54	46.3	37.4	56.0



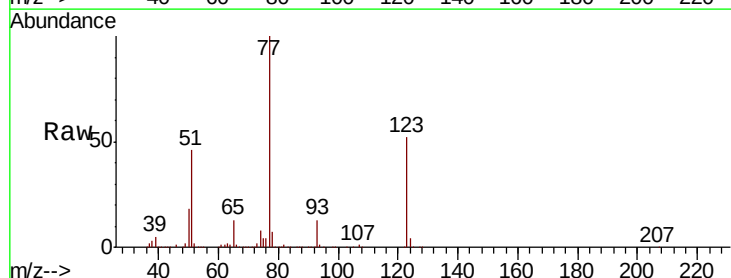
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



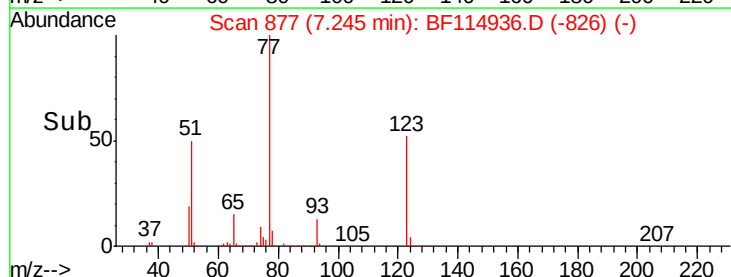
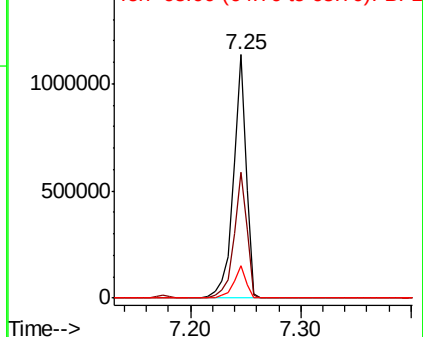
#24
 Nitrobenzene
 Concen: 42.652 ng
 RT: 7.25 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

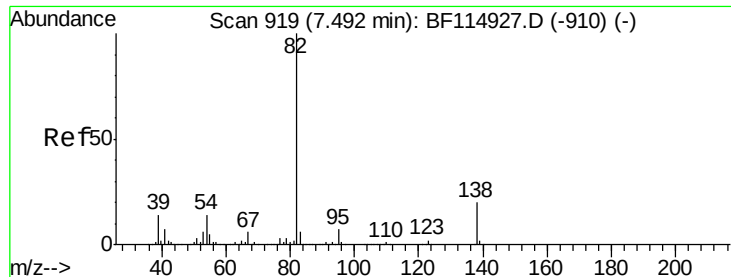
Tgt Ion: 77 Resp: 923583

Ion	Ratio	Lower	Upper
77	100		
123	51.7	39.8	59.6
65	13.2	10.7	16.1



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: 41.894 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

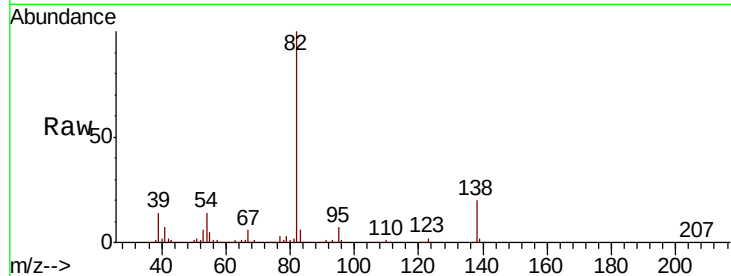
Tot Ion: 82 Resp: 1707650

Ion Ratio Lower Upper

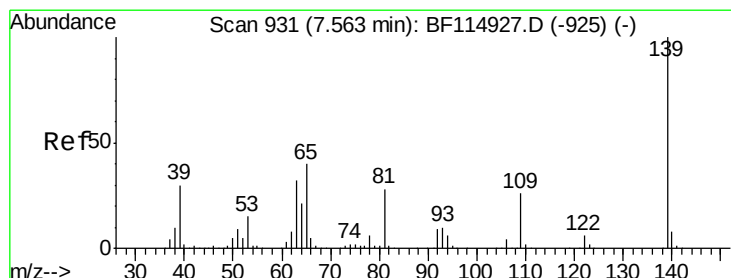
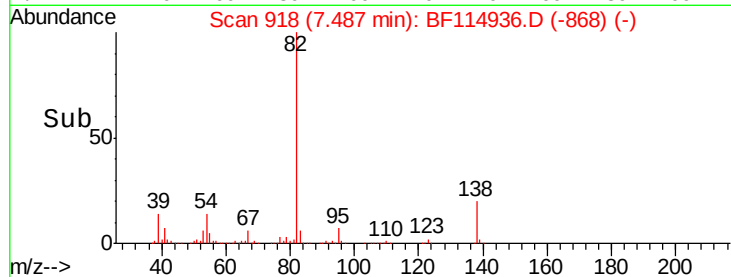
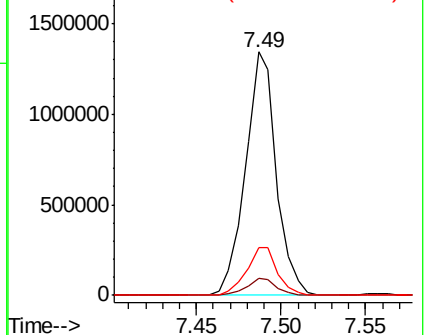
82 100

95 7.1 5.7 8.5

138 19.8 16.4 24.6



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



#26

2-Nitrophenol

Concen: 43.036 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

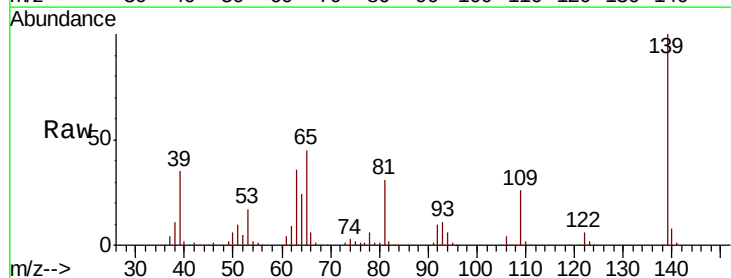
Tgt Ion: 139 Resp: 517726

Ion Ratio Lower Upper

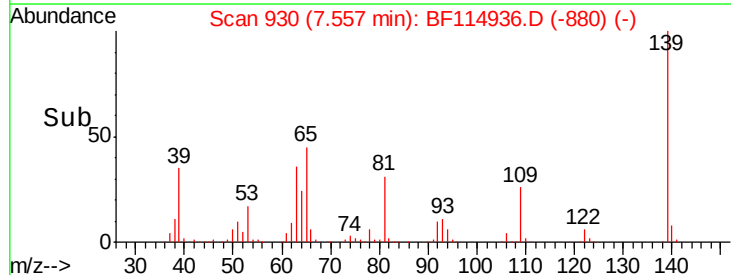
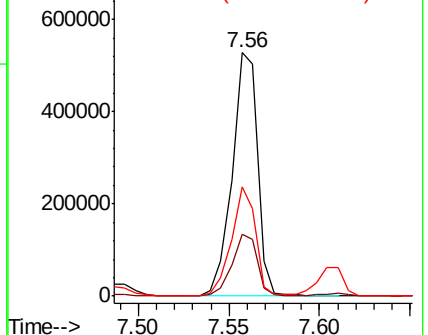
139 100

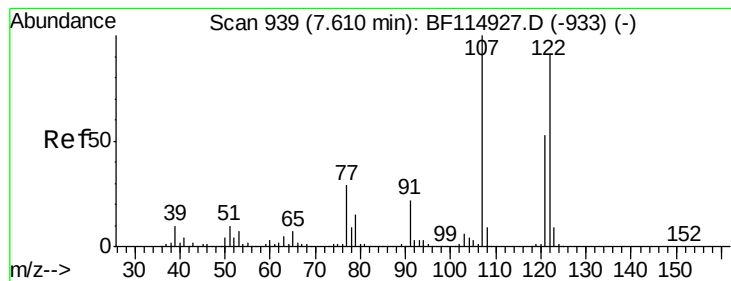
109 25.5 20.6 30.8

65 44.8 32.2 48.2



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





#27

2,4-Dimethylphenol

Concen: 42.210 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampled :

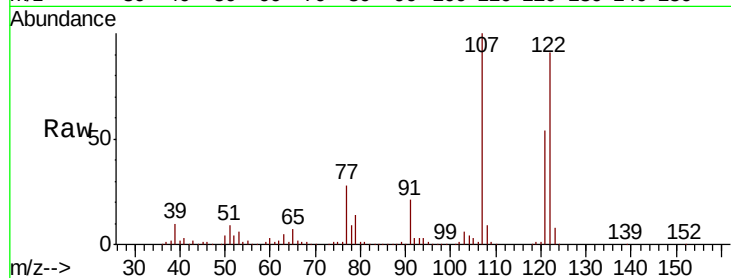
Tot Ion:122 Resp: 743053

Ion Ratio Lower Upper

122 100

107 109.9 88.0 132.0

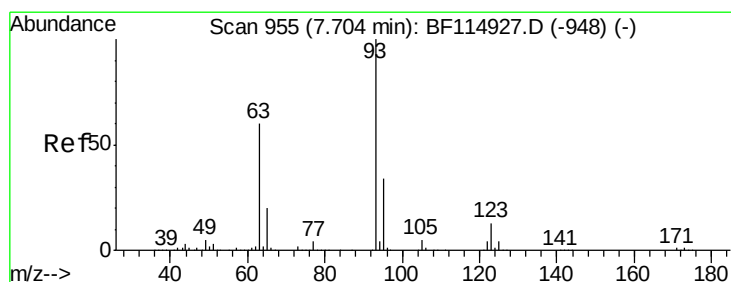
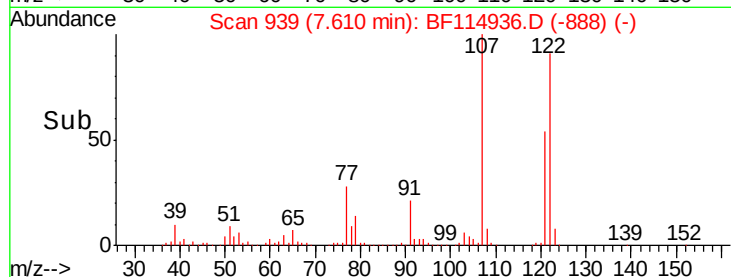
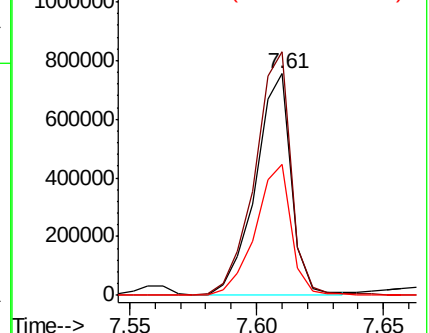
121 59.0 47.0 70.6



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: 42.699 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

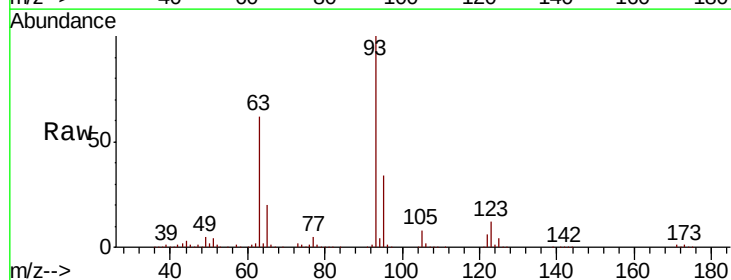
Tgt Ion: 93 Resp: 1113374

Ion Ratio Lower Upper

93 100

95 33.5 27.0 40.4

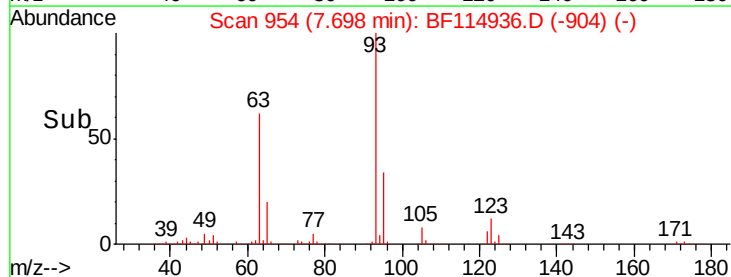
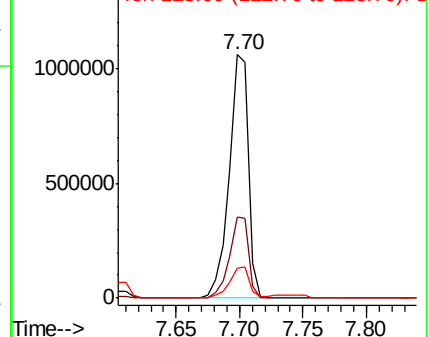
123 12.2 10.3 15.5

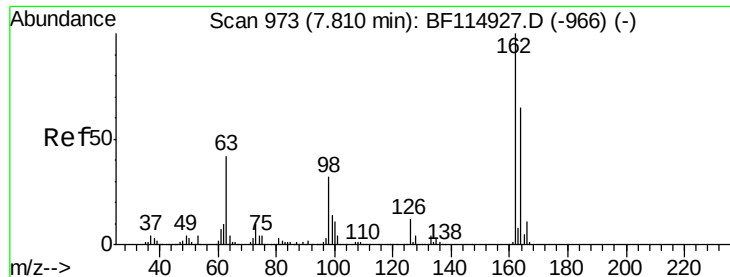


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

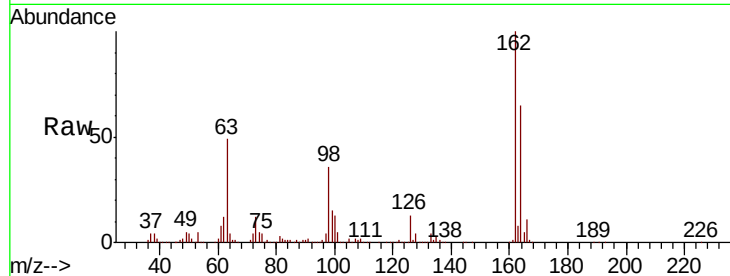




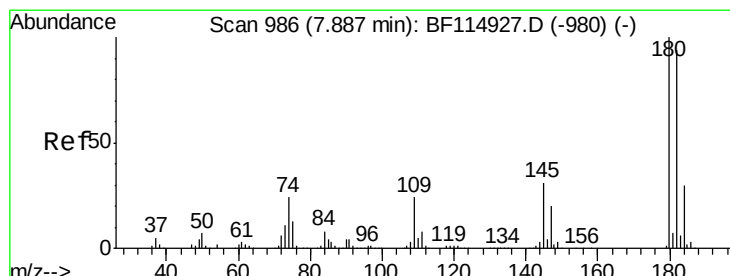
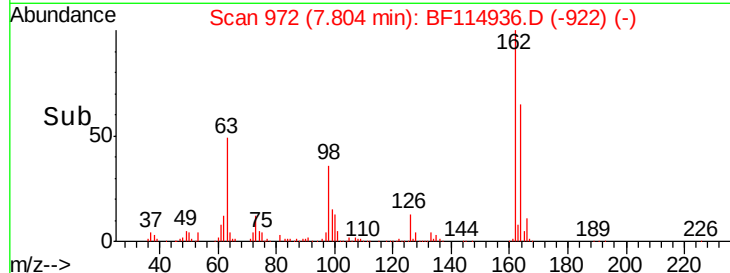
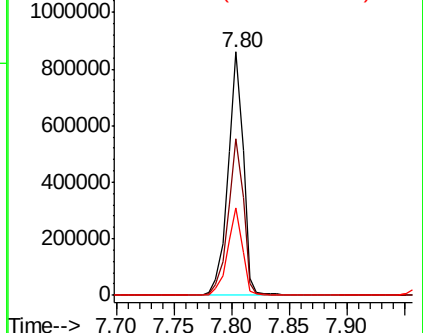
#29
2,4-Dichlorophenol
Concen: 42.812 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 789244
Ion Ratio Lower Upper
162 100
164 64.6 45.4 85.4
98 35.9 12.5 52.5

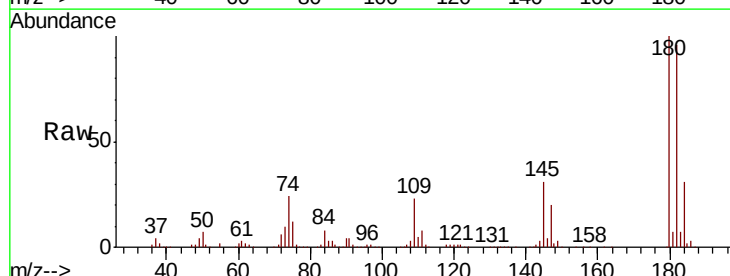


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

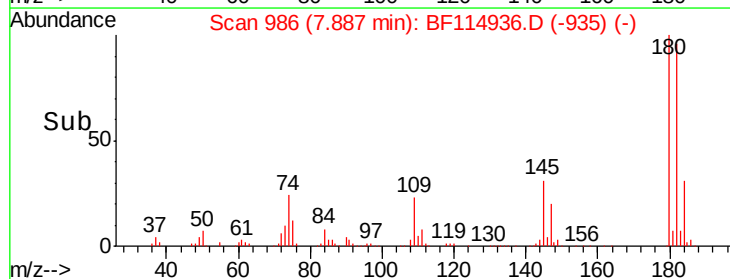
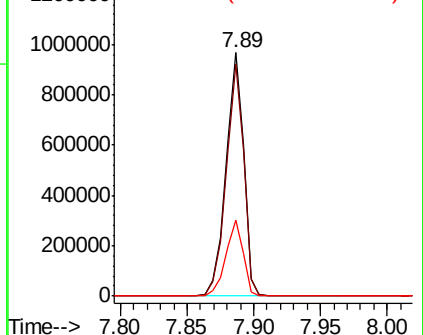


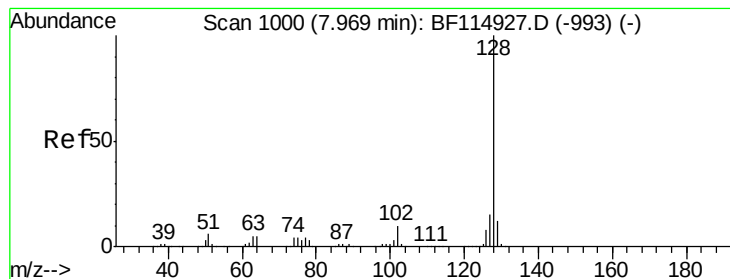
#30
1,2,4-Trichlorobenzene
Concen: 42.958 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:180 Resp: 908854
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.6
145 31.3 25.1 37.7



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





#31

Naphthalene

Concen: 42.700 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

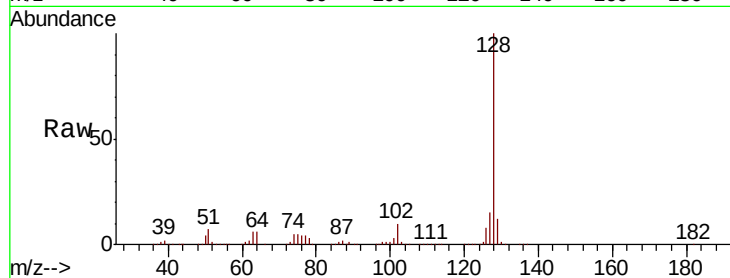
Tot Ion:128 Resp: 2516361

Ion Ratio Lower Upper

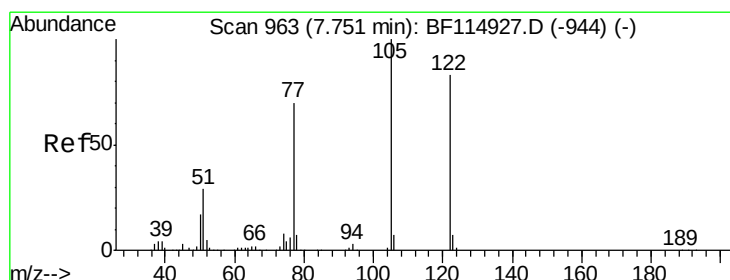
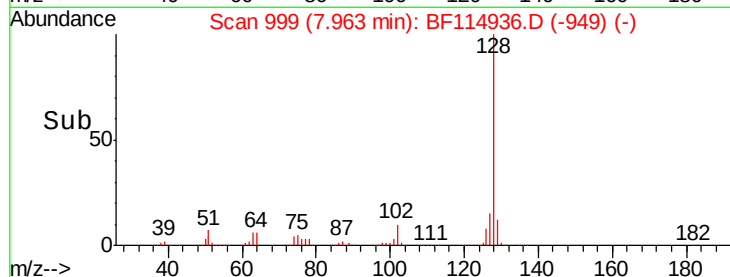
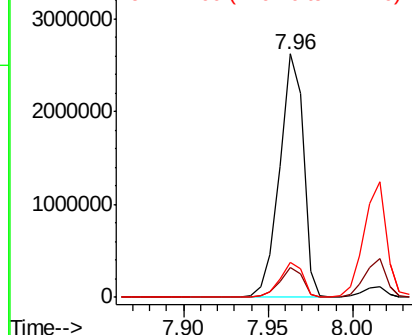
128 100

129 12.4 9.8 14.8

127 14.6 11.8 17.6



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: 46.232 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

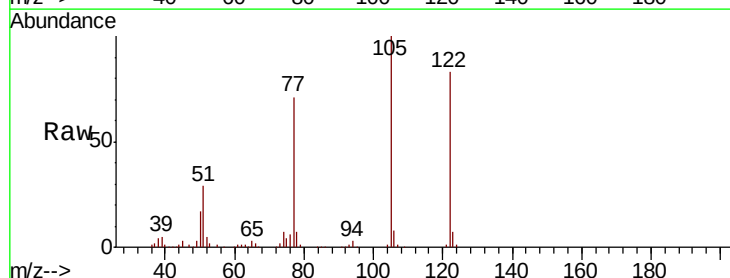
Tgt Ion:122 Resp: 607924

Ion Ratio Lower Upper

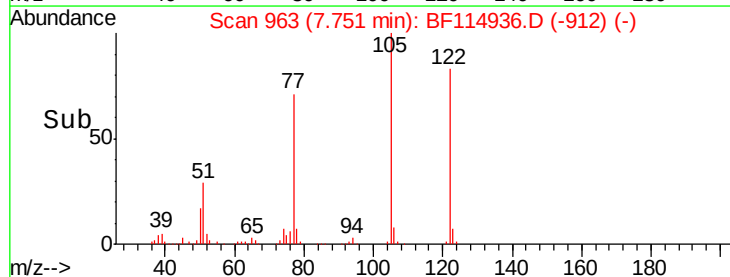
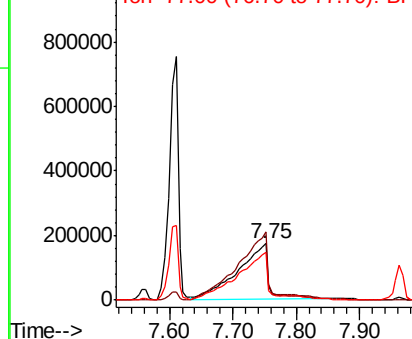
122 100

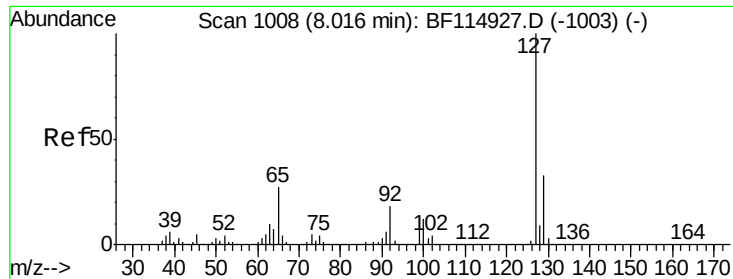
105 121.2 97.7 137.7

77 85.8 63.0 103.0



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

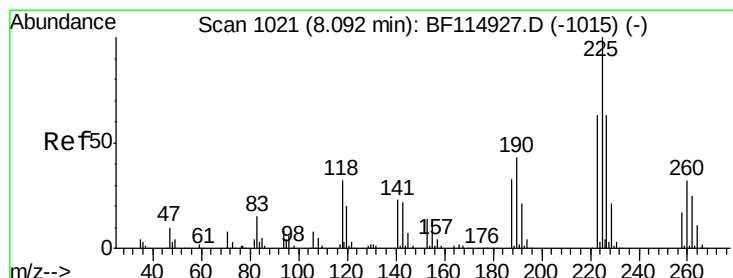
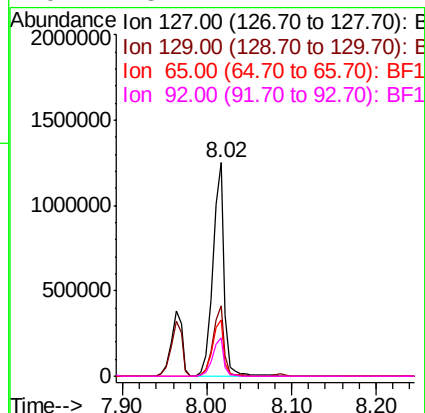
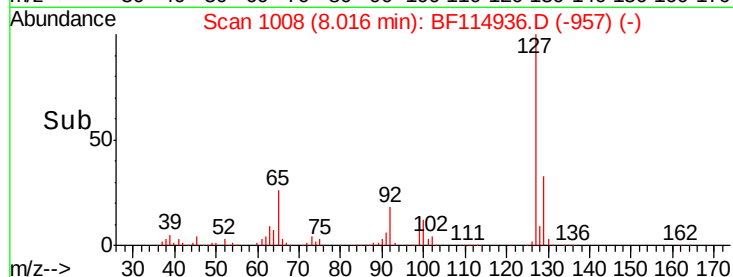
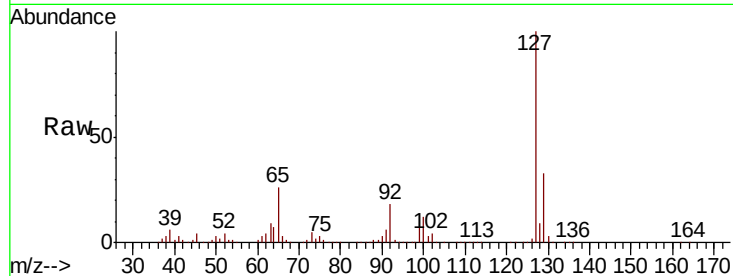




#33
4-Chloroaniline
Concen: 42.791 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

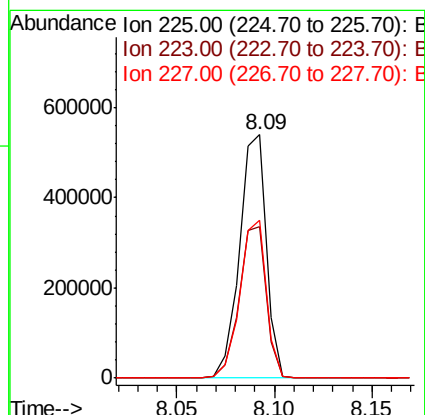
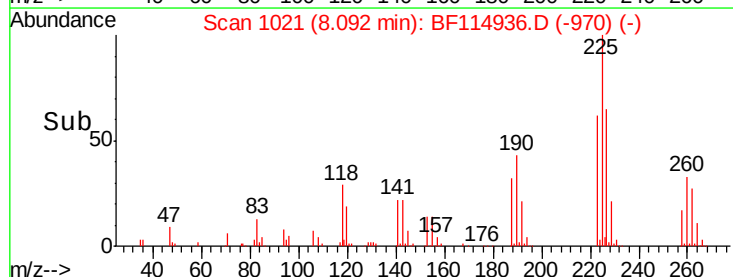
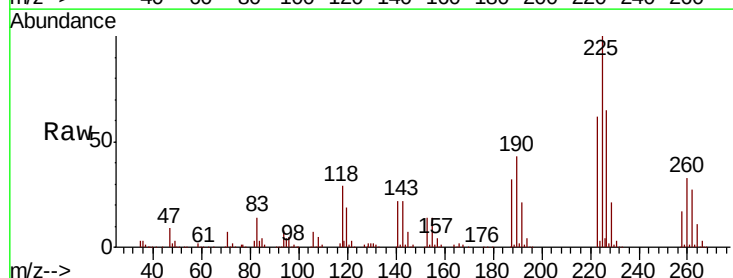
Instrument :
BNA_F
ClientSampleId :

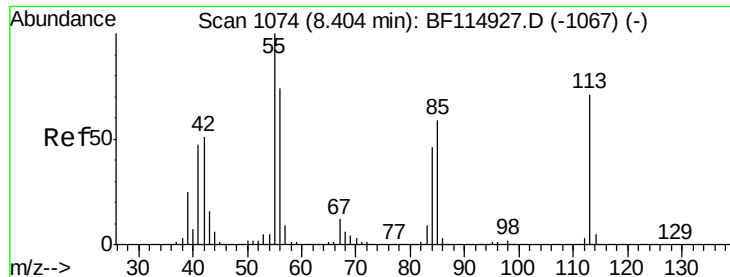
Tot Ion:127	Resp: 1190002
Ion Ratio	Lower Upper
127 100	
129 33.2	26.6 40.0
65 26.3	21.5 32.3
92 18.1	14.7 22.1



#34
Hexachlorobutadiene
Concen: 43.312 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:225	Resp: 513960
Ion Ratio	Lower Upper
225 100	
223 62.3	50.6 75.8
227 64.7	50.6 75.8

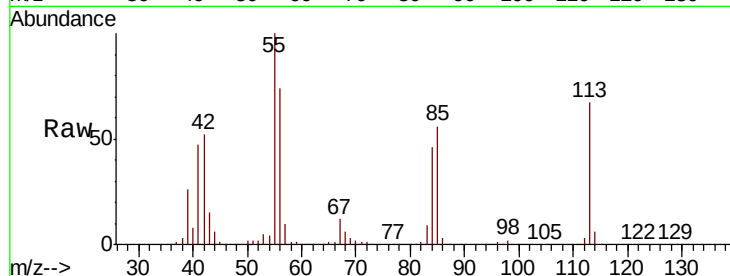




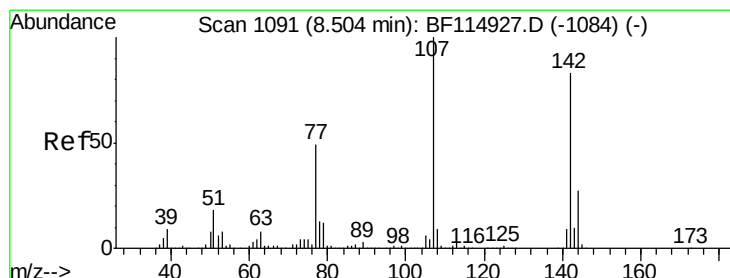
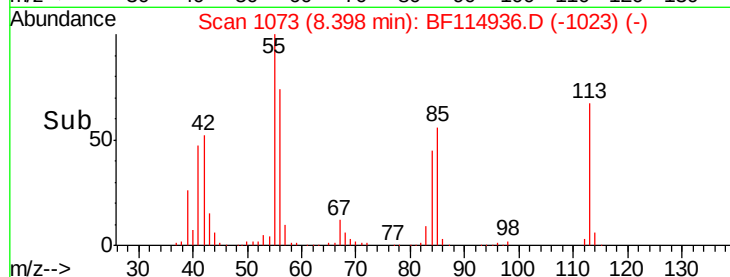
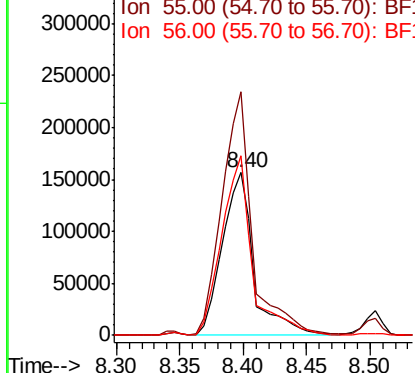
#35
 Caprolactam
 Concen: 43.024 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 267179
 Ion Ratio Lower Upper
 113 100
 55 149.5 120.9 160.9
 56 110.0 84.3 124.3

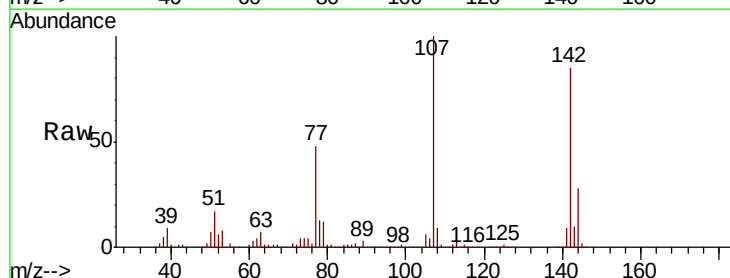


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

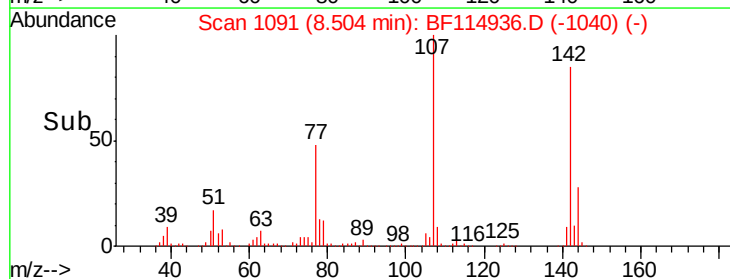
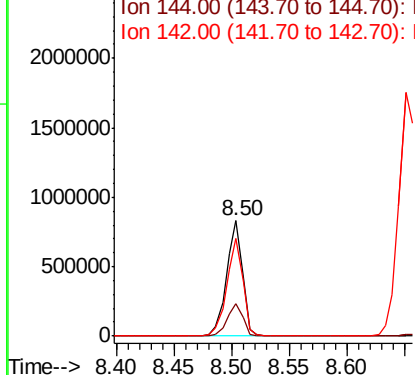


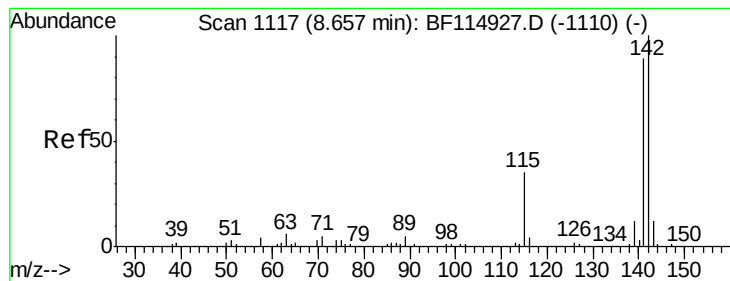
#36
 4-Chloro-3-methylphenol
 Concen: 42.860 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion:107 Resp: 802532
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.6 32.4
 142 84.7 66.1 99.1



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





#37

2-Methylnaphthalene

Concen: 42.980 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampled :

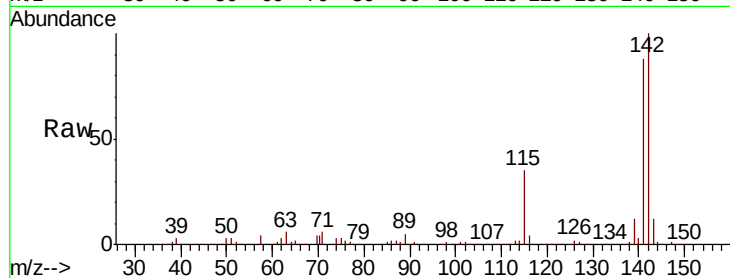
Tot Ion:142 Resp: 1721172

Ion Ratio Lower Upper

142 100

141 88.4 71.1 106.7

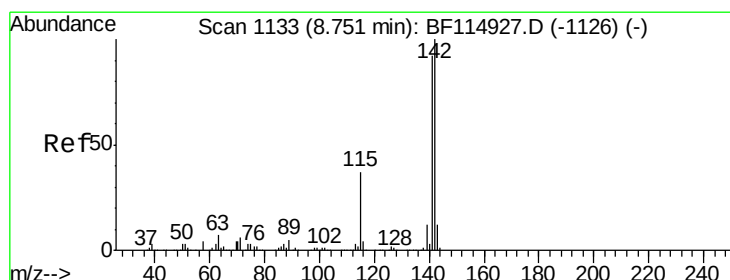
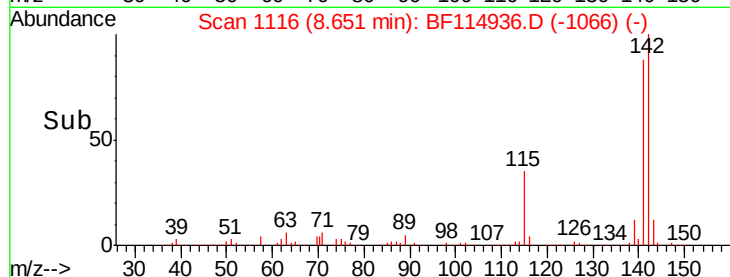
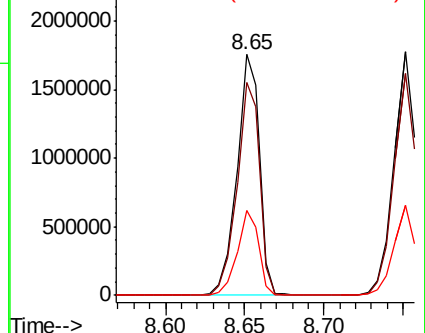
115 35.2 27.8 41.6



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: 43.066 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

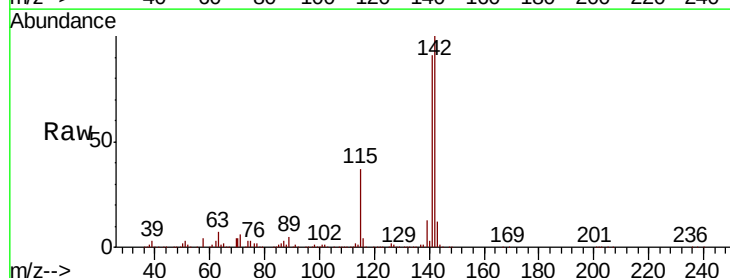
Tgt Ion:142 Resp: 1631112

Ion Ratio Lower Upper

142 100

141 91.3 73.7 110.5

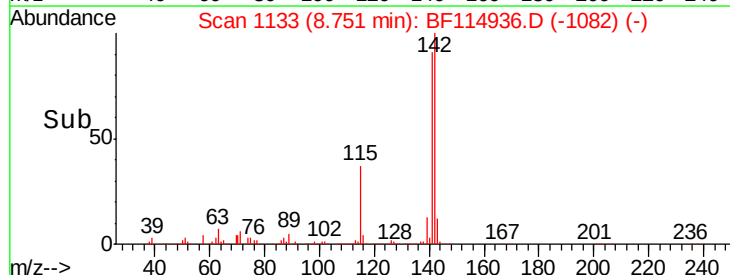
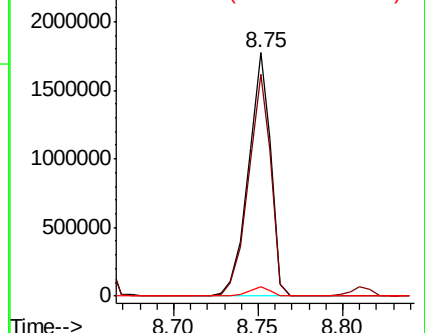
116 3.8 3.1 4.7

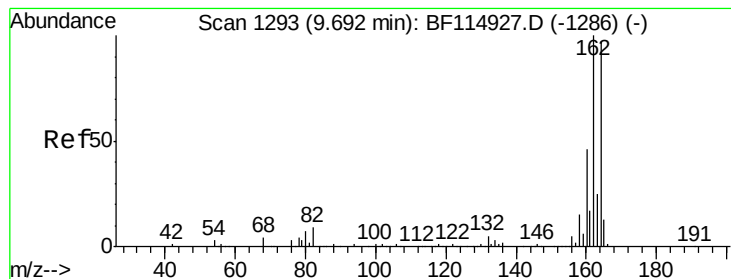


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampled :

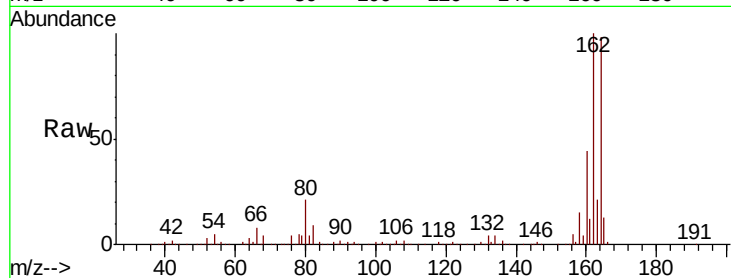
Tot Ion:164 Resp: 630491

Ion Ratio Lower Upper

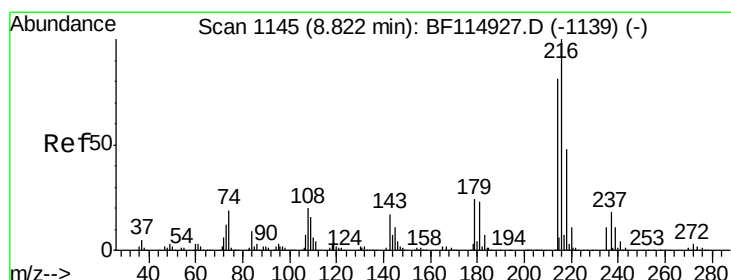
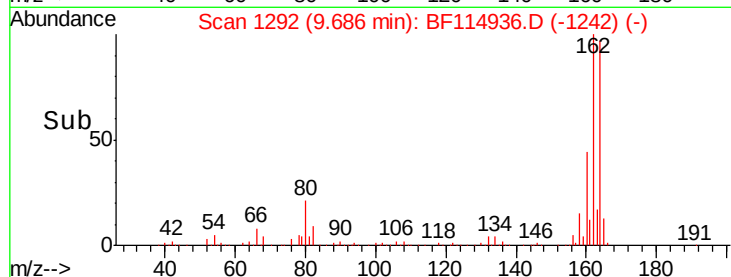
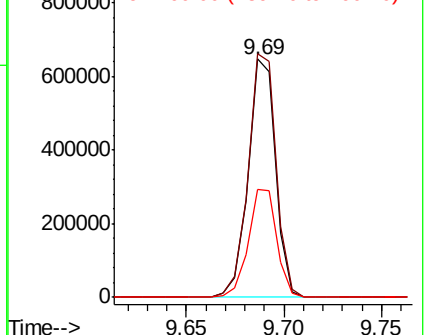
164 100

162 102.2 82.4 123.6

160 45.1 37.5 56.3



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: 42.732 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:216 Resp: 774622

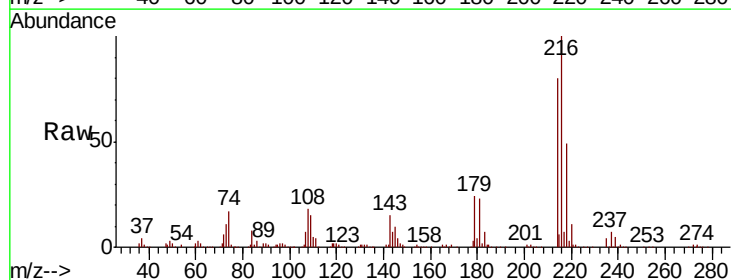
Ion Ratio Lower Upper

216 100

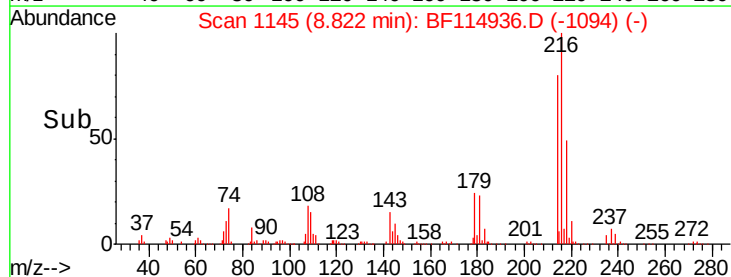
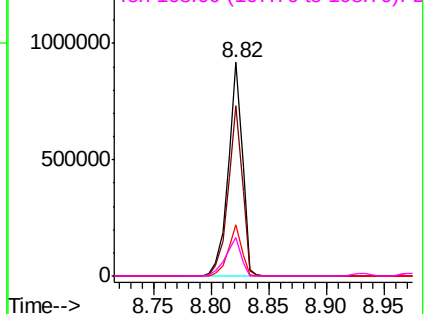
214 79.9 63.8 95.8

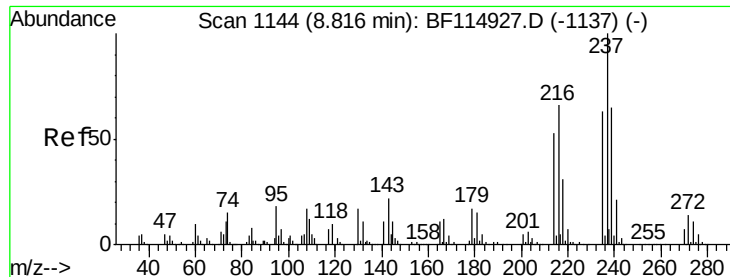
179 23.1 18.5 27.7

108 19.5 15.6 23.4



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

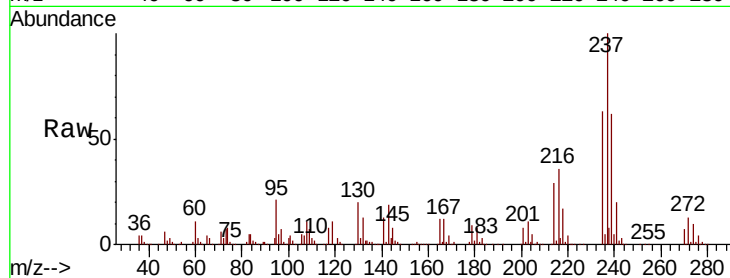




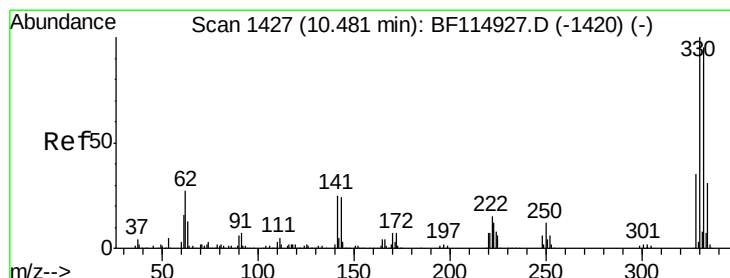
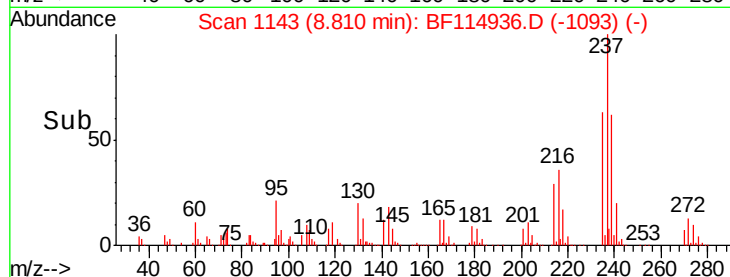
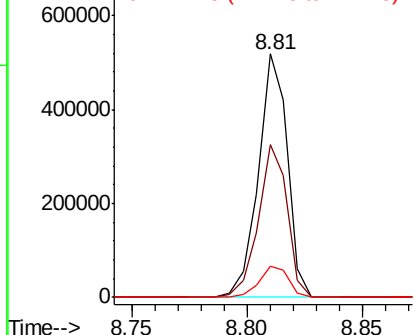
#41
Hexachlorocyclopentadiene
Concen: 44.061 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.3	83.3
272	12.9	0.0	33.5

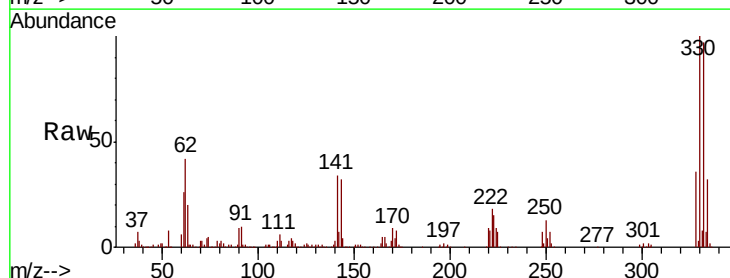


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

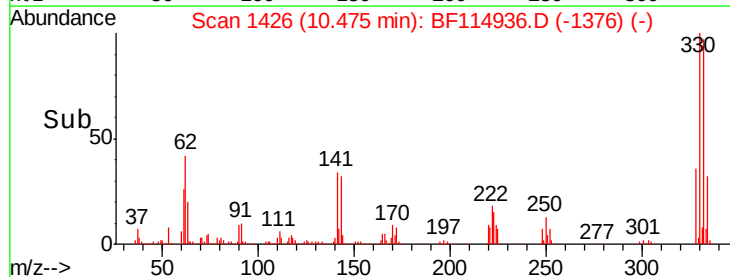
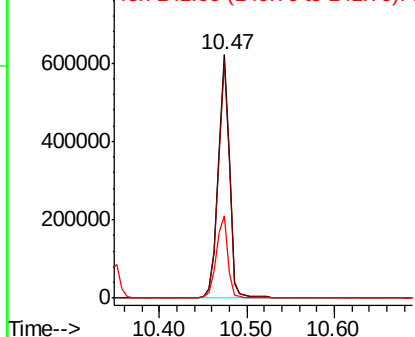


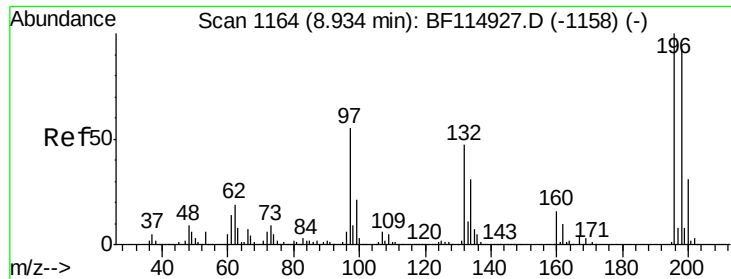
#42
2,4,6-Tribromophenol
Concen: 82.369 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.4	114.6
141	34.0	26.8	40.2



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

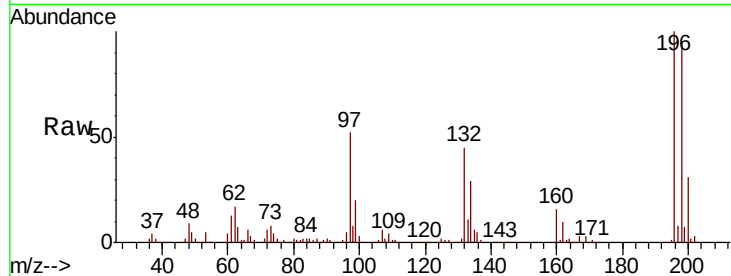




#43
 2,4,6-Trichlorophenol
 Concen: 43.096 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	593208
Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.8	112.2
200	30.6	24.5	36.7

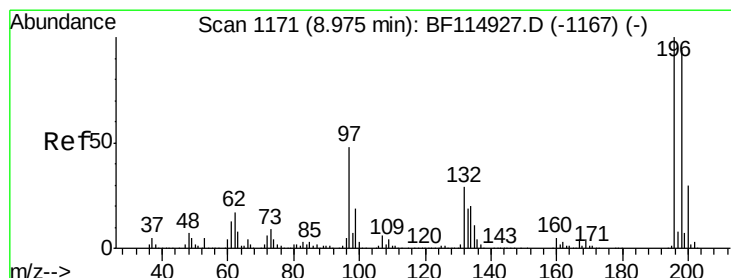
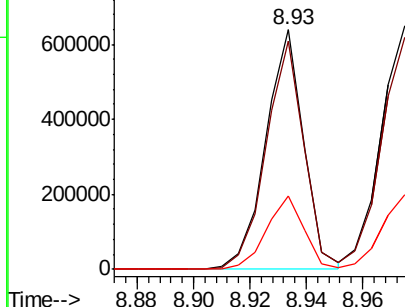
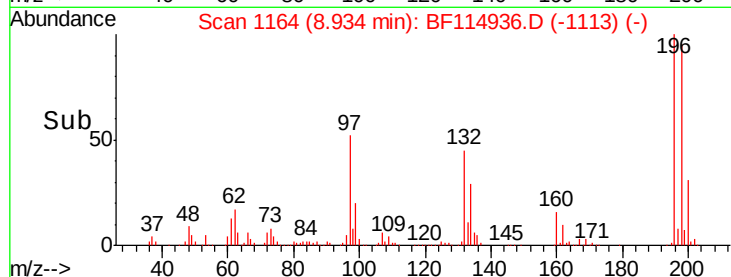


Abundance

Ion 196.00 (195.70 to 196.70): E

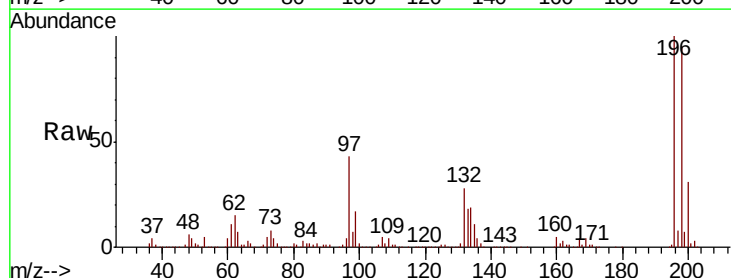
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.771 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion	196	Resp	607057
Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.6	113.4
97	43.2	38.6	57.8
132	27.9	23.7	35.5



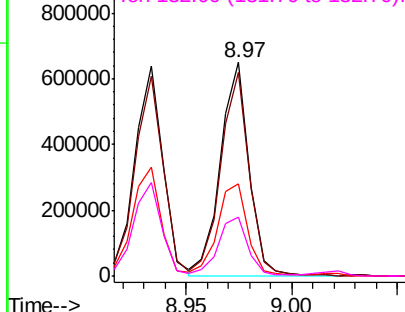
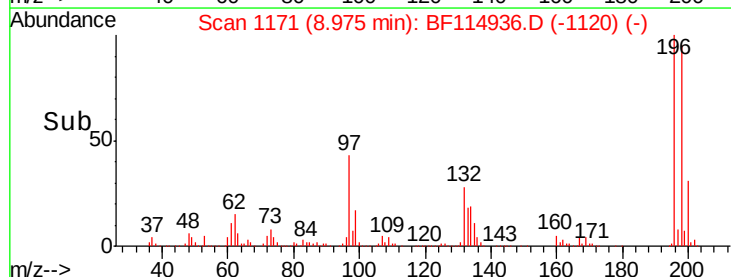
Abundance

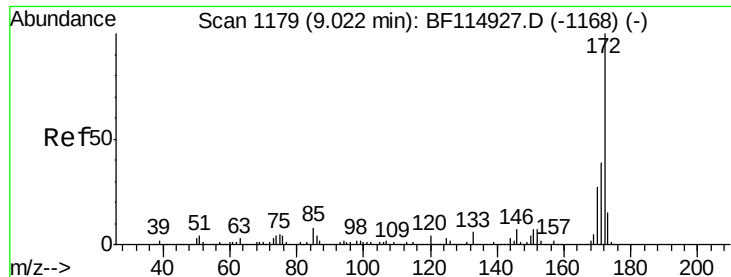
Ion 196.00 (195.70 to 196.70): E

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

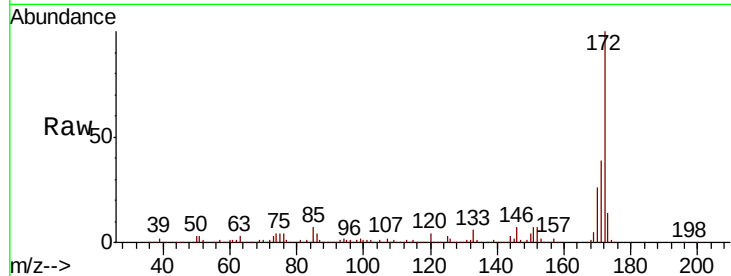




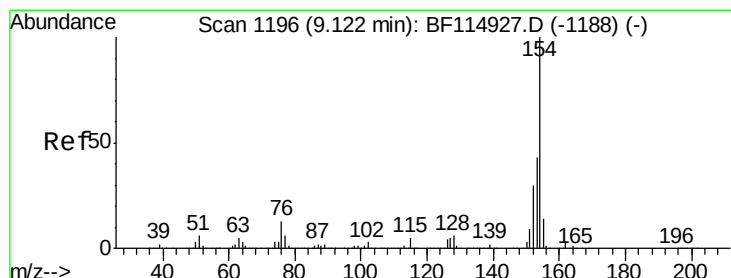
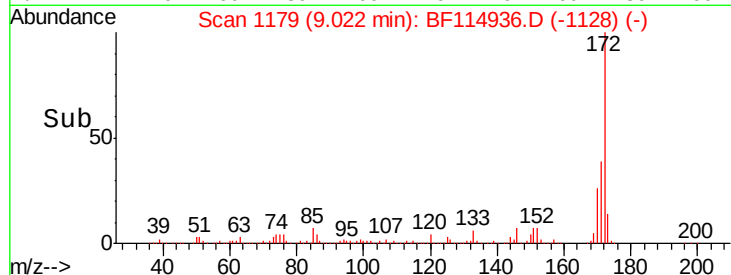
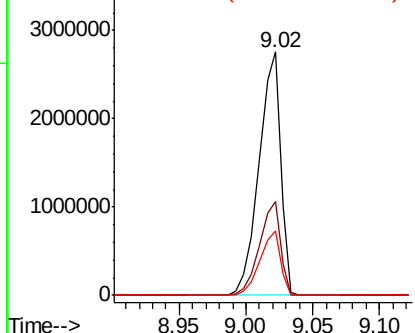
#45
2-Fluorobiphenyl
Concen: 77.059 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 3061314
Ion Ratio Lower Upper
172 100
171 38.5 31.3 46.9
170 26.4 21.4 32.0

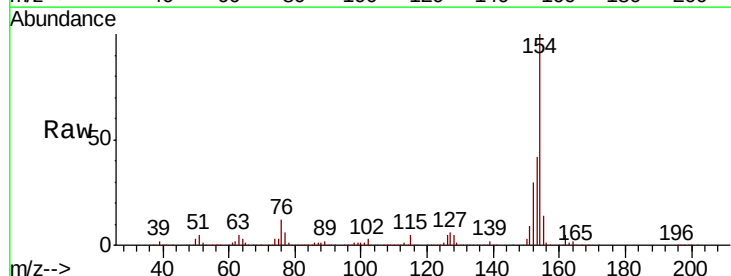


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

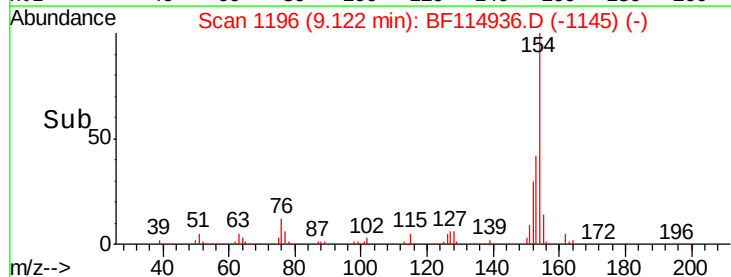
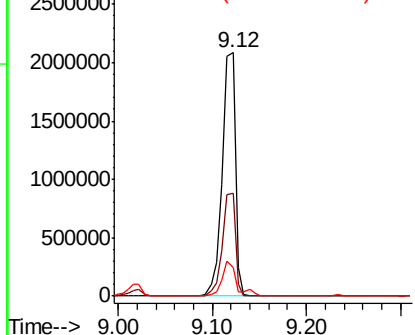


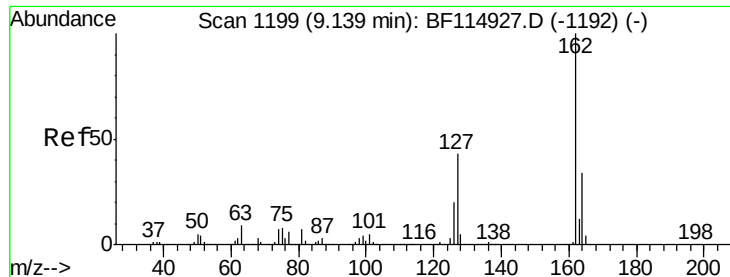
#46
1,1'-Biphenyl
Concen: 43.322 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:154 Resp: 2043492
Ion Ratio Lower Upper
154 100
153 42.3 22.8 62.8
76 11.9 0.0 33.0



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

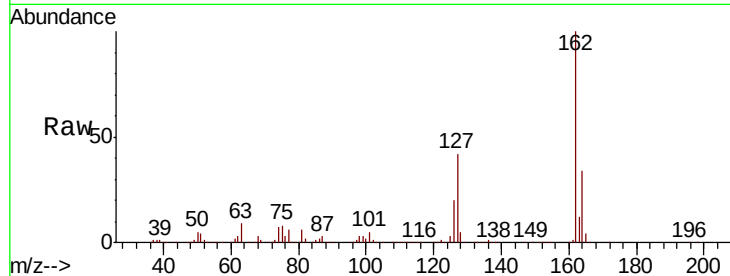




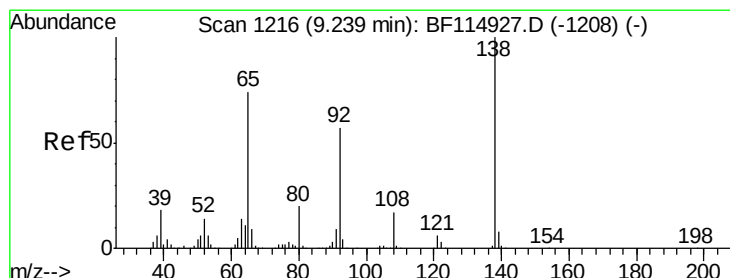
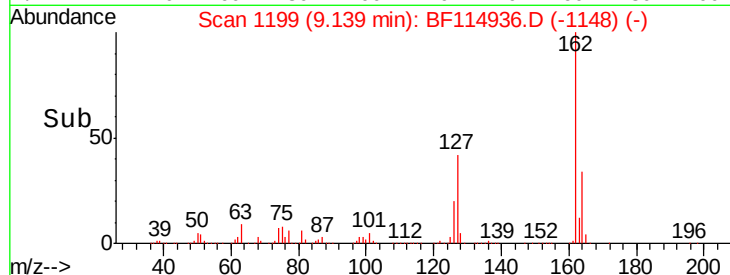
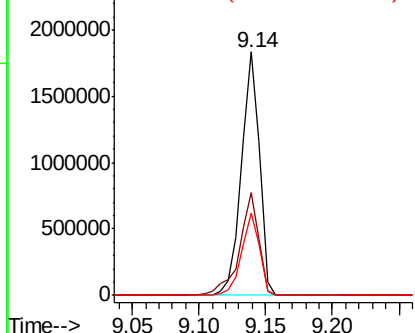
#47
 2-Chloronaphthalene
 Concen: 43.342 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1725827
 Ion Ratio Lower Upper
 162 100
 127 42.2 34.6 51.8
 164 34.1 27.5 41.3

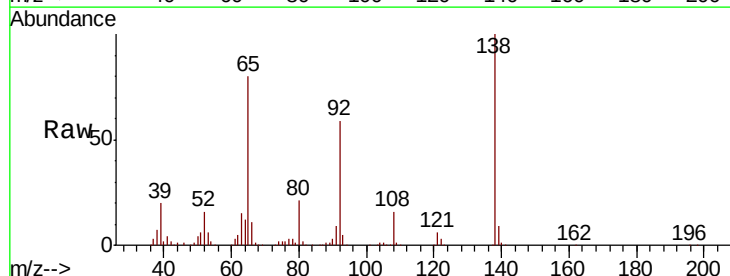


Abundance Ion 162.00 (161.70 to 162.70): E
 2500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

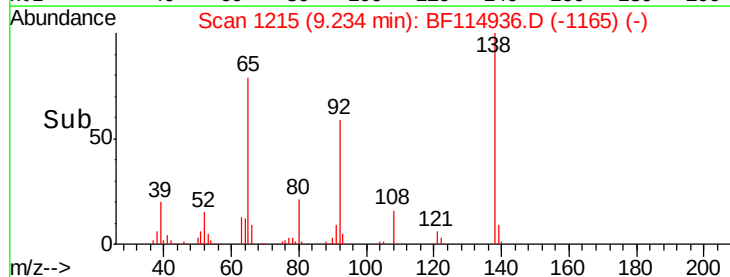
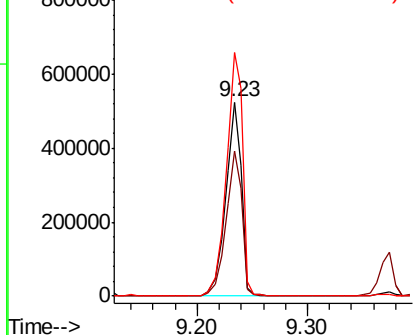


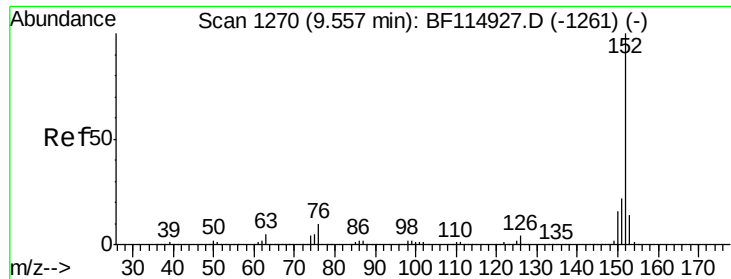
#48
 2-Nitroaniline
 Concen: 42.737 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion: 65 Resp: 517990
 Ion Ratio Lower Upper
 65 100
 92 74.7 61.9 92.9
 138 125.7 108.6 162.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.310 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

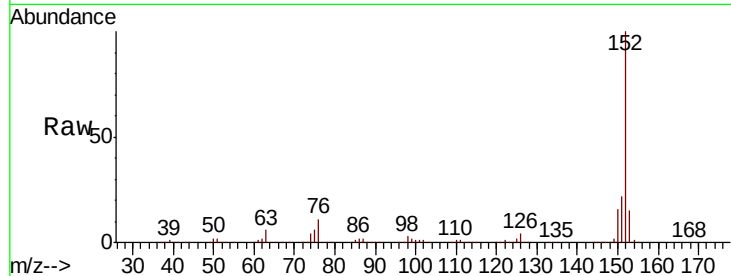
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 2541328

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.6	26.4
153	14.6	11.4	17.0

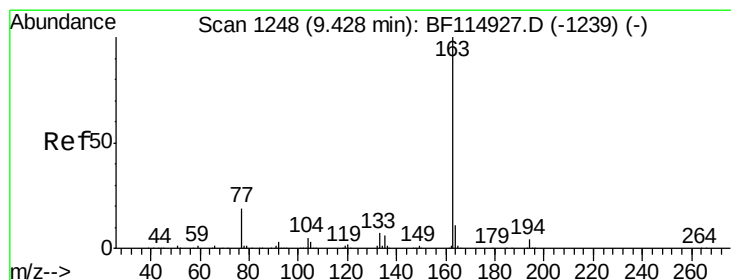
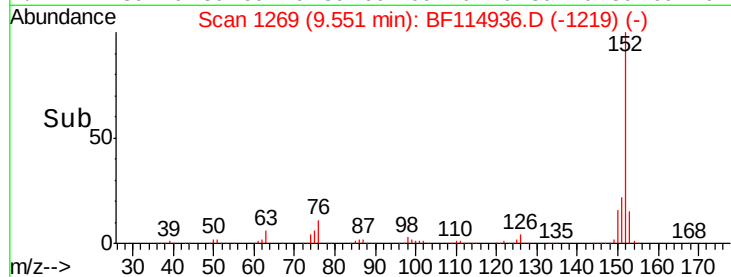
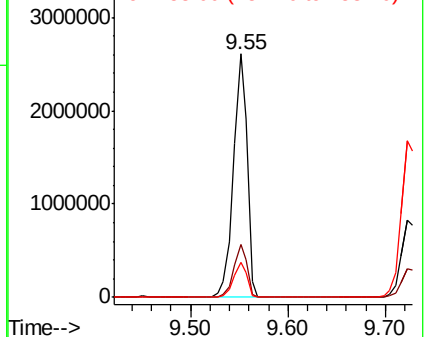


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.372 ng

RT: 9.43 min Scan# 1248

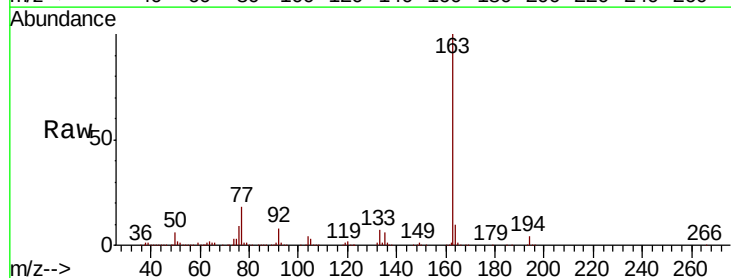
Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:163 Resp: 2007887

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.7	13.1

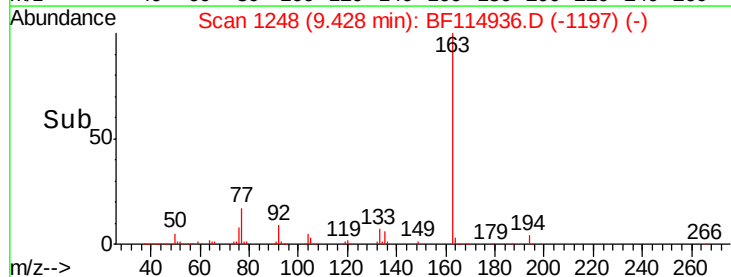
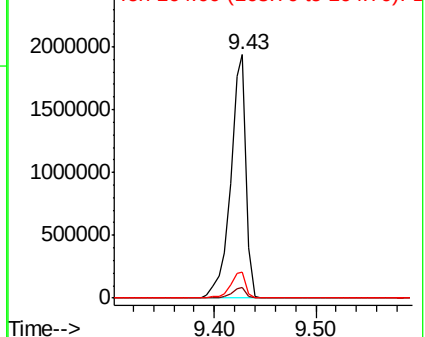


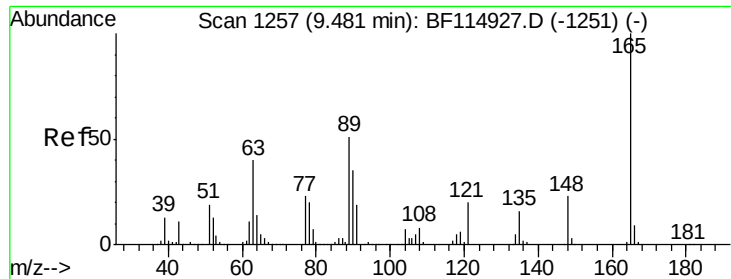
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.901 ng

RT: 9.48 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

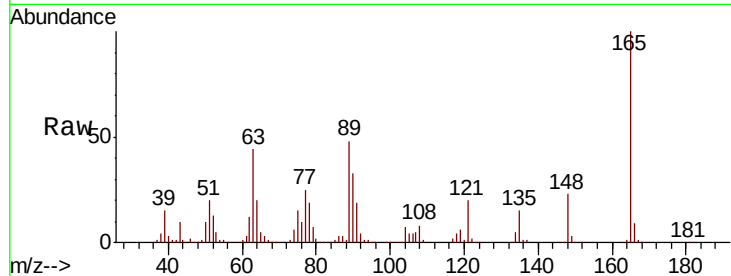
Tot Ion:165 Resp: 466933

Ion Ratio Lower Upper

165 100

63 44.5 38.3 57.5

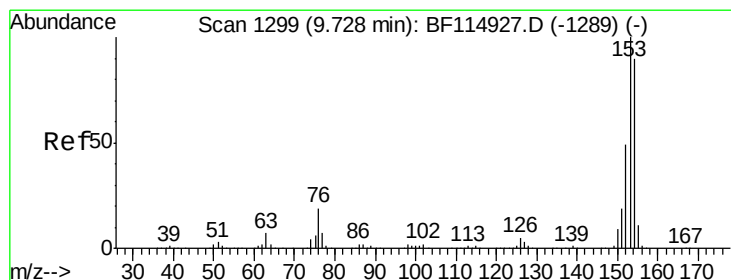
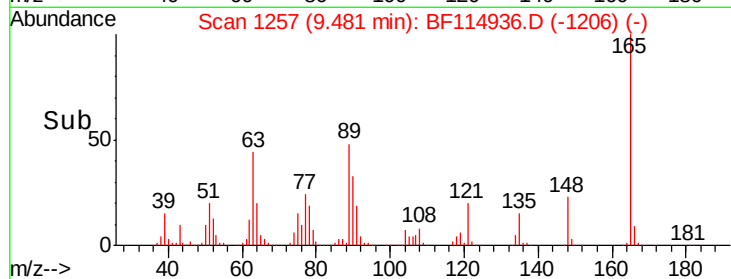
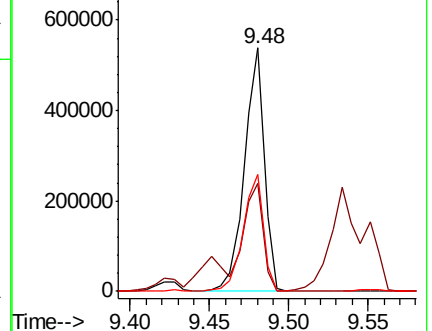
89 48.0 40.8 61.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.487 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

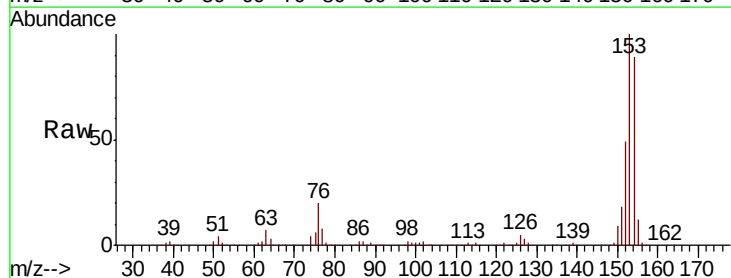
Tgt Ion:154 Resp: 1545906

Ion Ratio Lower Upper

154 100

153 112.0 89.1 133.7

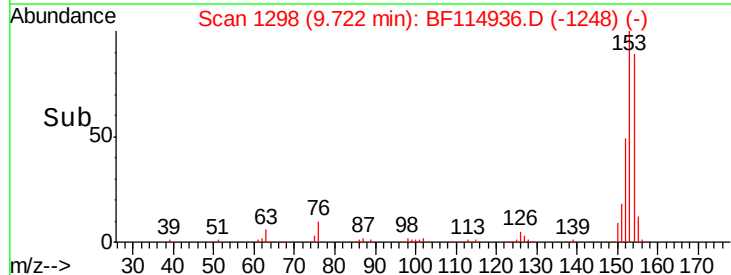
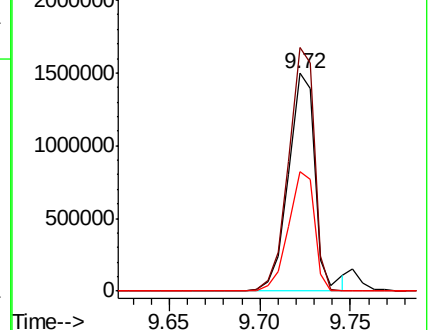
152 55.1 43.8 65.6

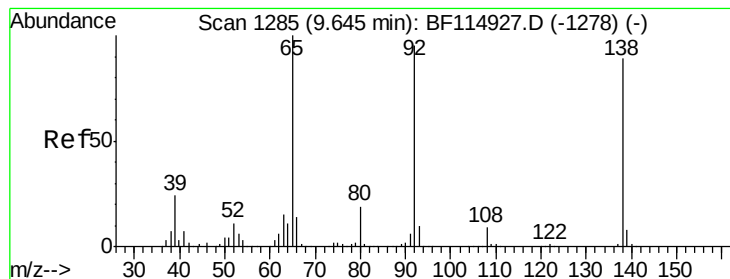


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.221 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

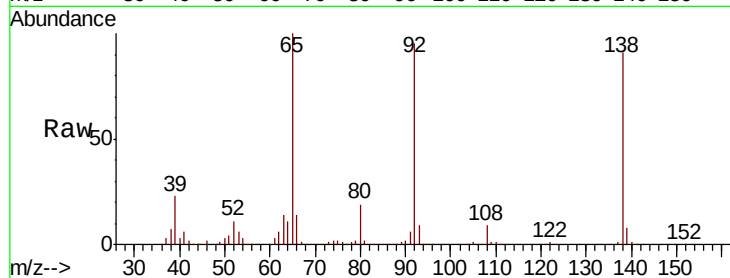
Tot Ion:138 Resp: 551826

Ion Ratio Lower Upper

138 100

108 9.8 7.9 11.9

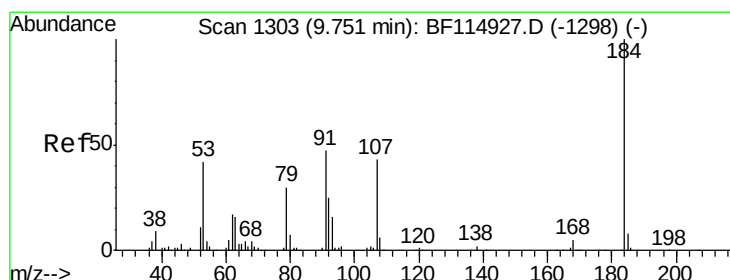
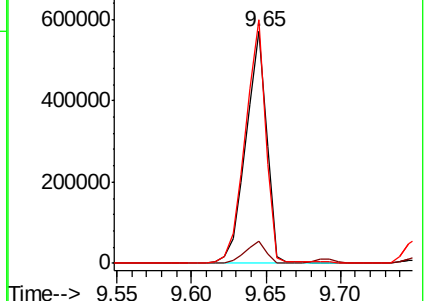
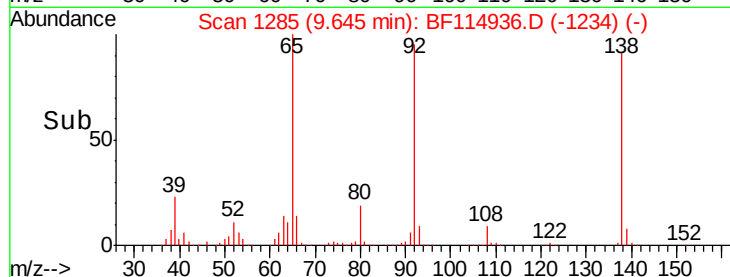
92 105.0 85.0 127.6



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: 42.169 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

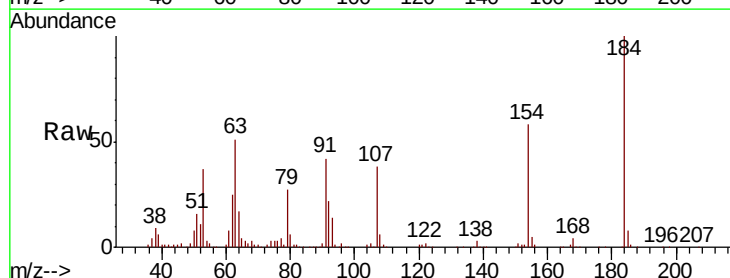
Tgt Ion:184 Resp: 227164

Ion Ratio Lower Upper

184 100

63 51.0 47.4 71.0

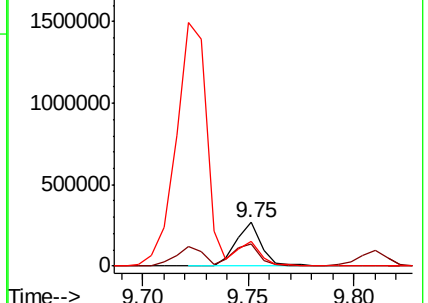
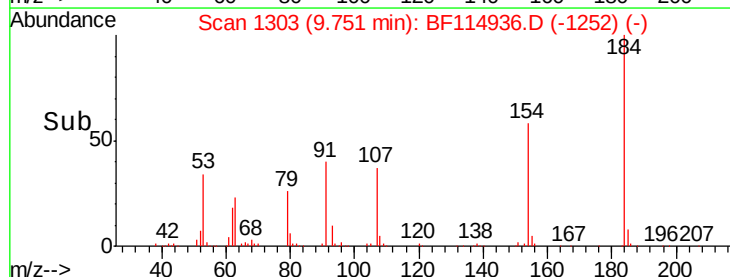
154 58.1 48.6 73.0

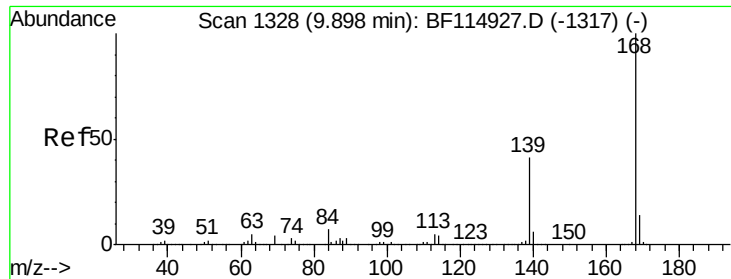


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

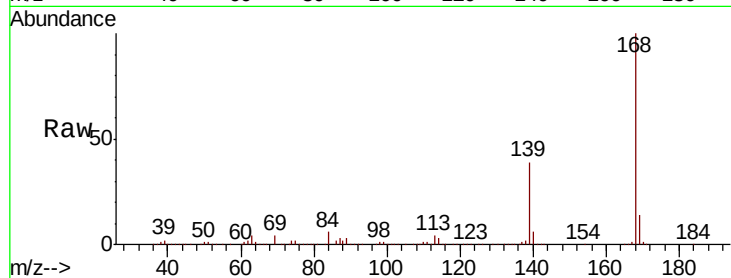




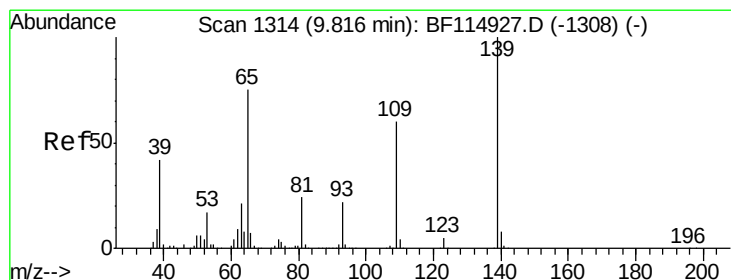
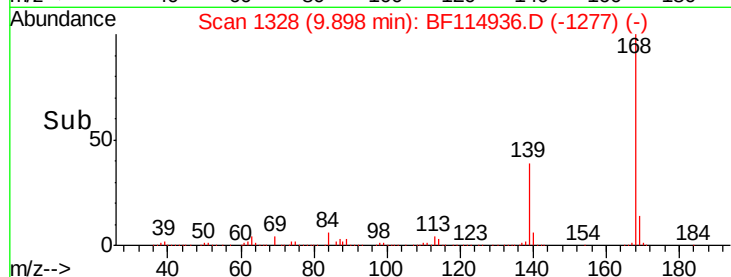
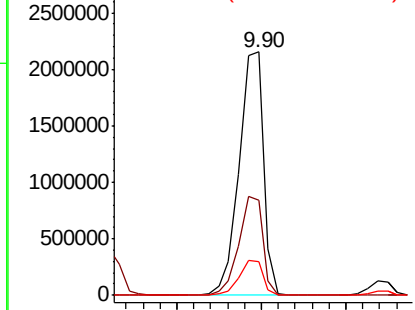
#55
Dibenzofuran
Concen: 43.118 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 2188029
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.4
169 14.1 11.6 17.4

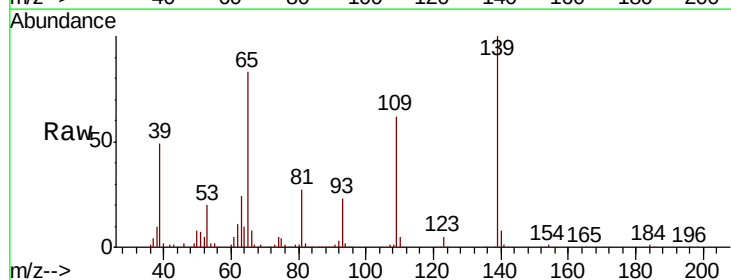


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

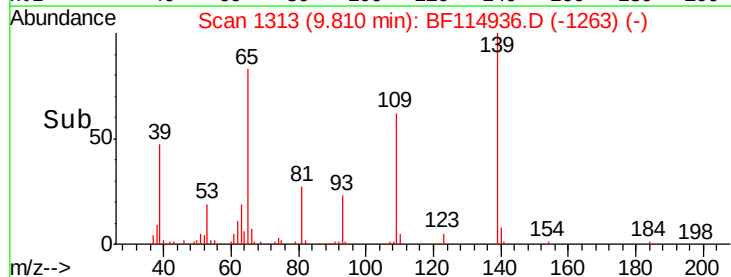
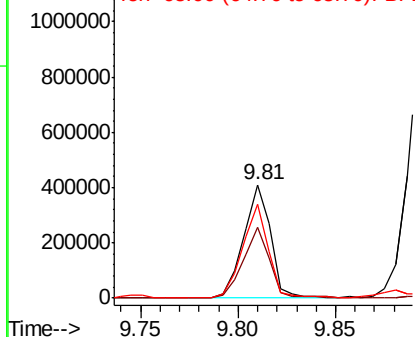


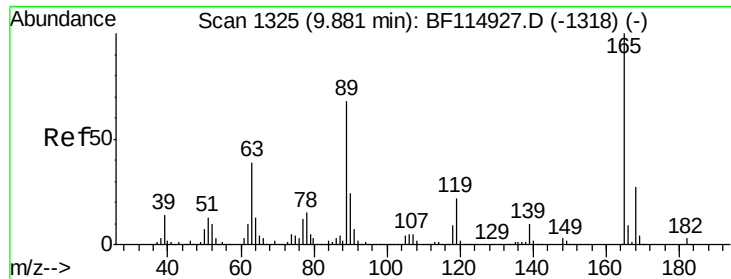
#56
4-Nitrophenol
Concen: 42.410 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:139 Resp: 395045
Ion Ratio Lower Upper
139 100
109 62.1 40.0 80.0
65 83.4 55.0 95.0



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

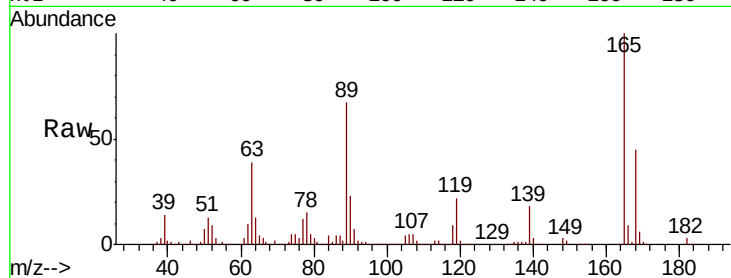




#57
2,4-Dinitrotoluene
Concen: 43.224 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.6	31.8	47.6
89	66.6	54.2	81.2
182	2.6	2.1	3.1



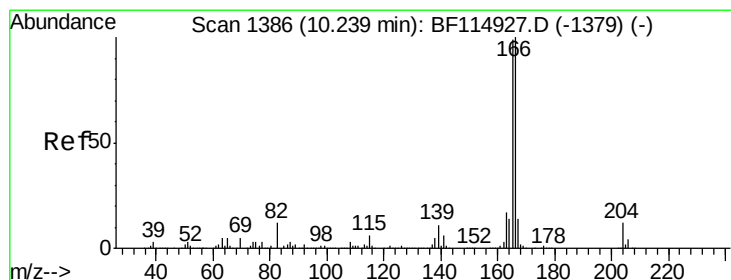
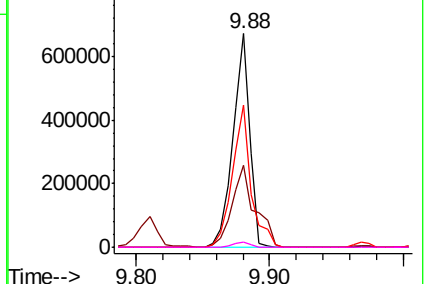
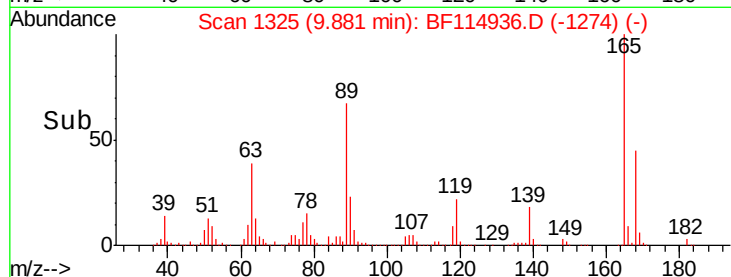
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

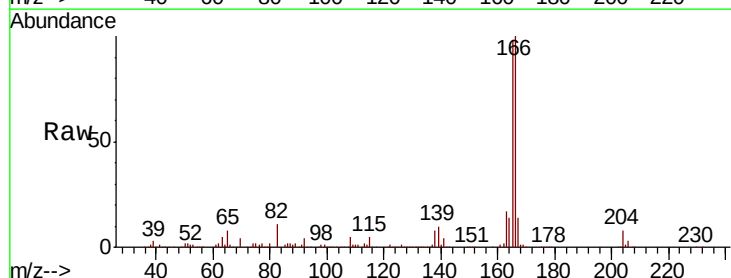
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.979 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.2	118.8
167	13.5	11.0	16.6

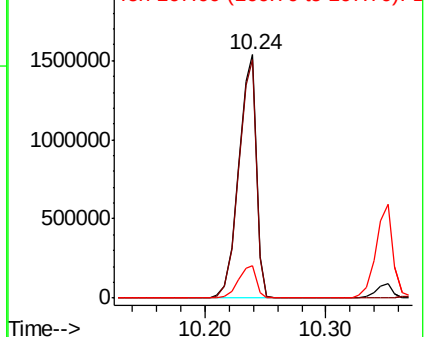
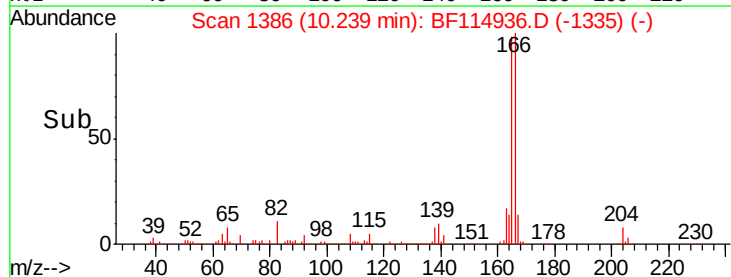


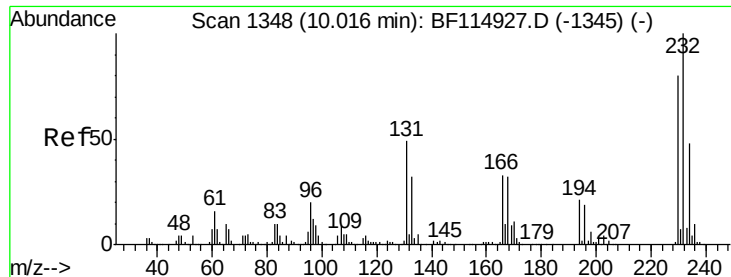
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

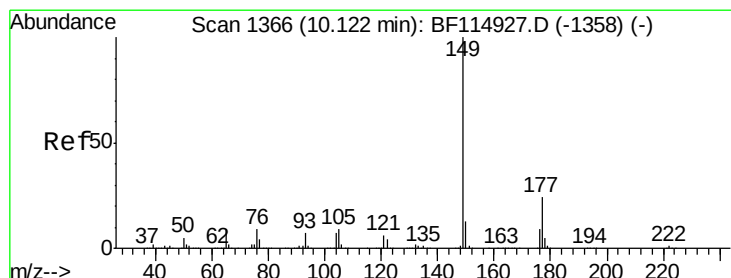
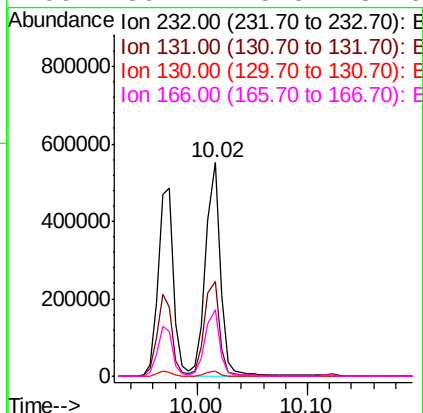
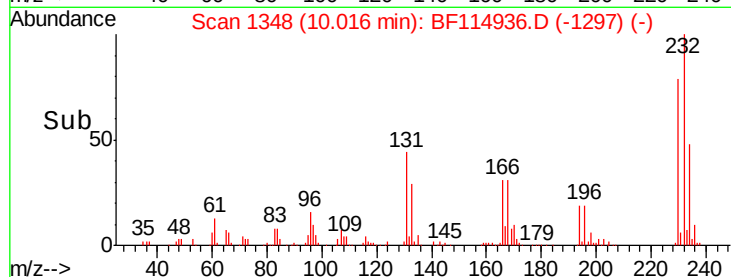
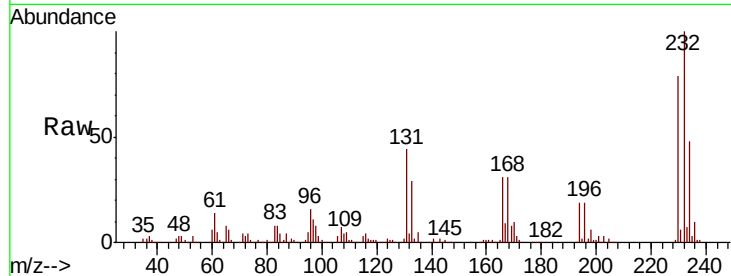




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.255 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

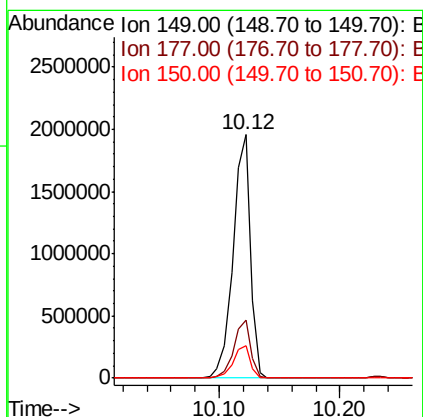
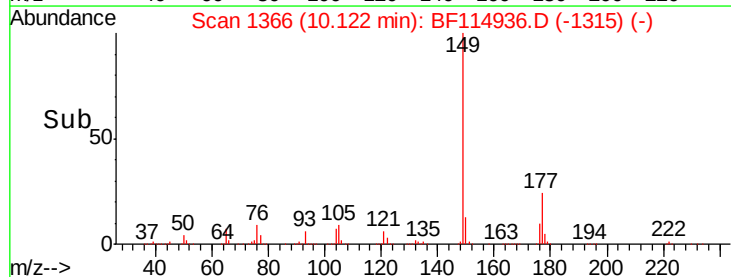
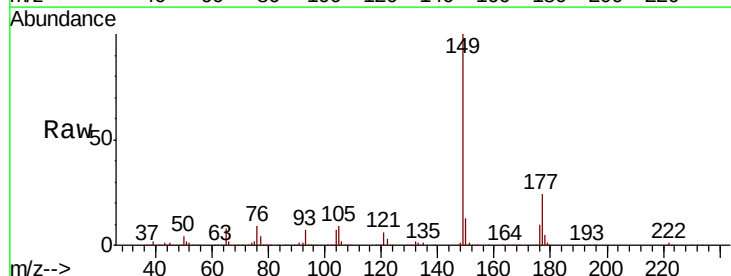
Instrument :
 BNA_F
 ClientSampleId :

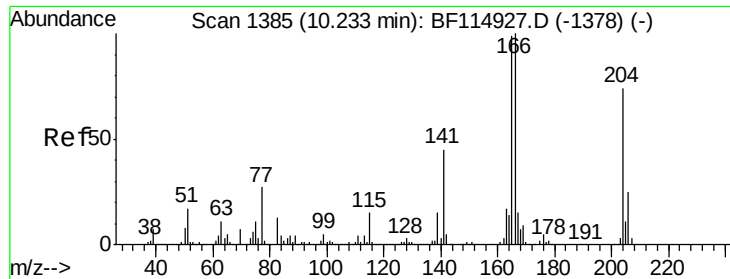
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.0	55.4
130	2.2	1.8	2.6
166	30.7	25.0	37.6



#60
 Diethylphthalate
 Concen: 42.379 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.1	28.7
150	13.1	10.6	16.0

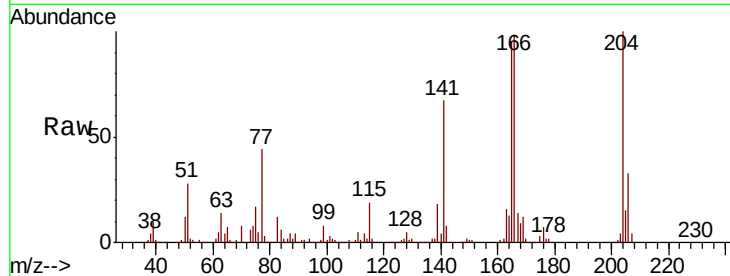




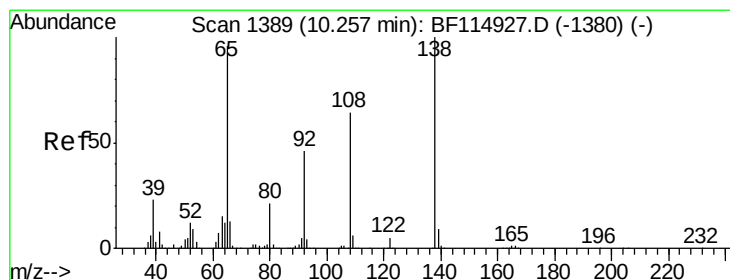
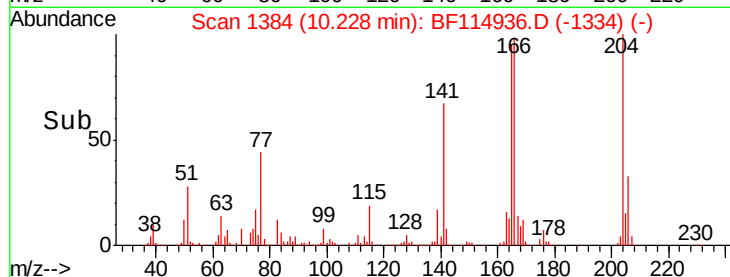
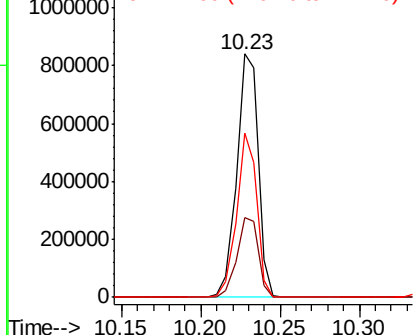
#61
 4-Chlorophenyl-phenylether
 Concen: 40.160 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 786454
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.8 40.2
 141 67.2 48.5 72.7

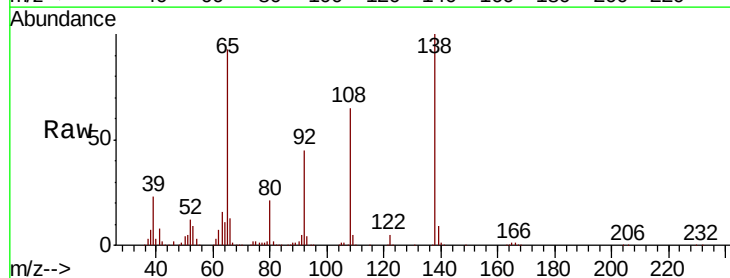


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

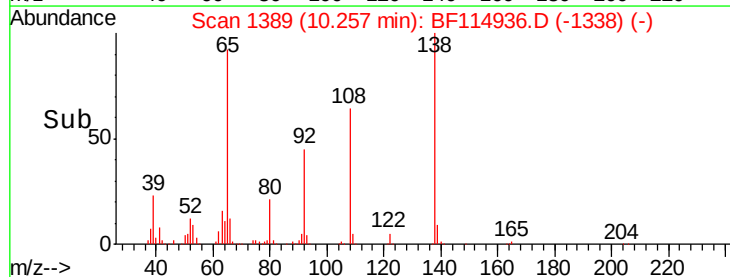
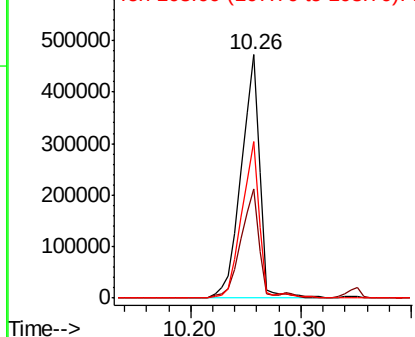


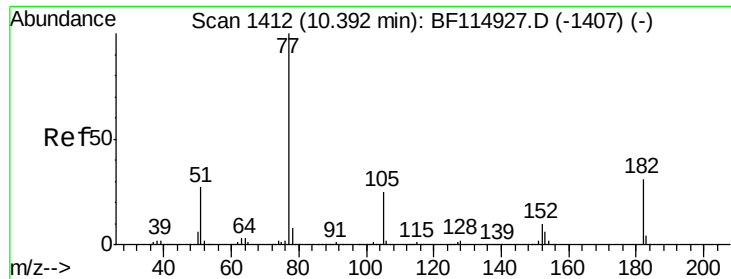
#62
 4-Nitroaniline
 Concen: 41.903 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion:138 Resp: 561263
 Ion Ratio Lower Upper
 138 100
 92 45.0 26.0 66.0
 108 64.5 44.0 84.0



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

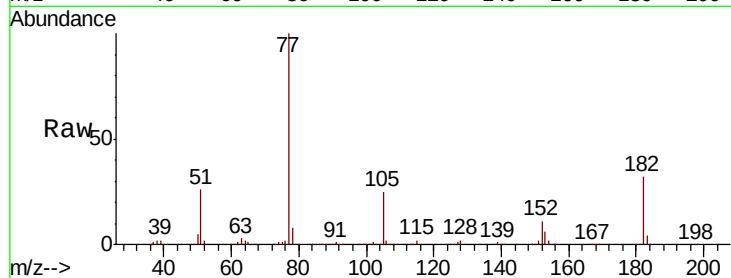




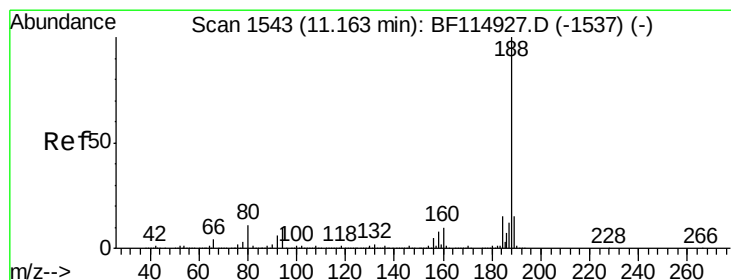
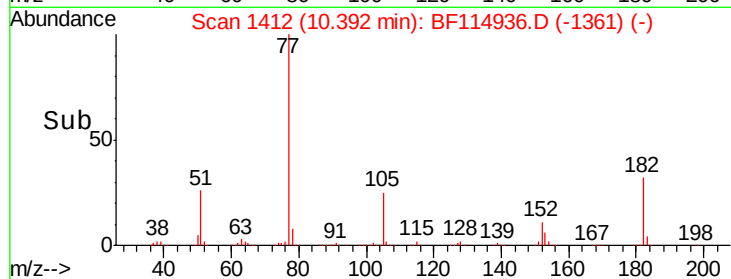
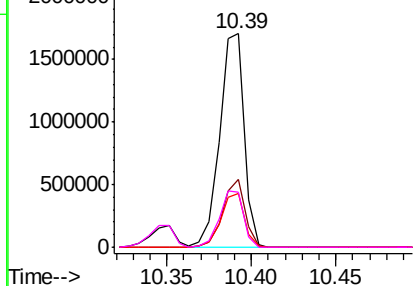
#63
Azobenzene
Concen: 42.723 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1712639
Ion Ratio Lower Upper
77 100
182 32.0 10.8 50.8
105 25.3 5.3 45.3
51 25.8 6.8 46.8

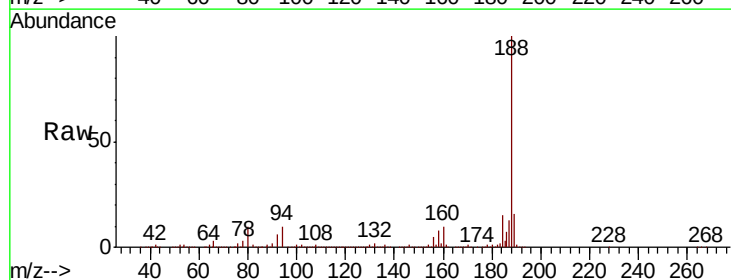


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

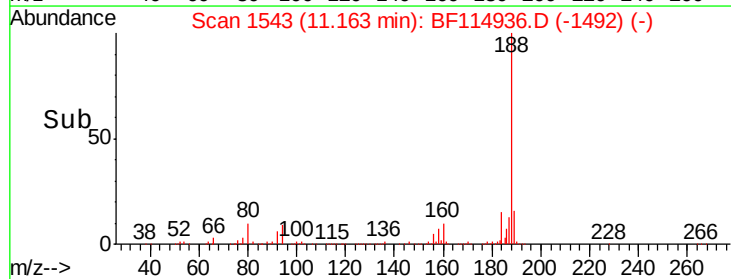
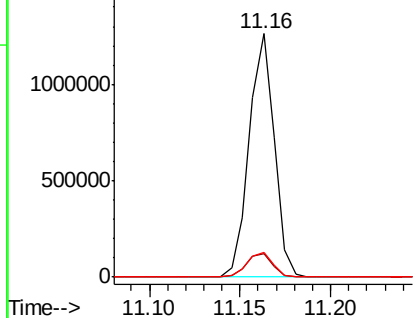


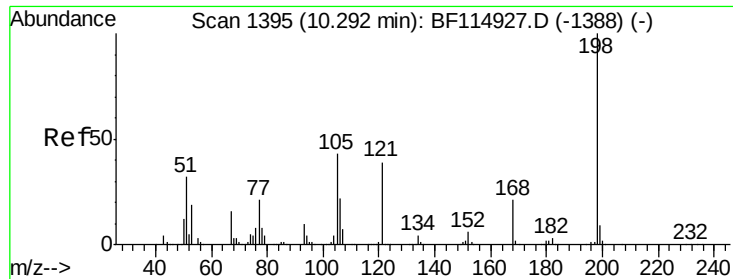
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion: 188 Resp: 1218550
Ion Ratio Lower Upper
188 100
94 9.7 8.1 12.1
80 10.2 8.6 12.8



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

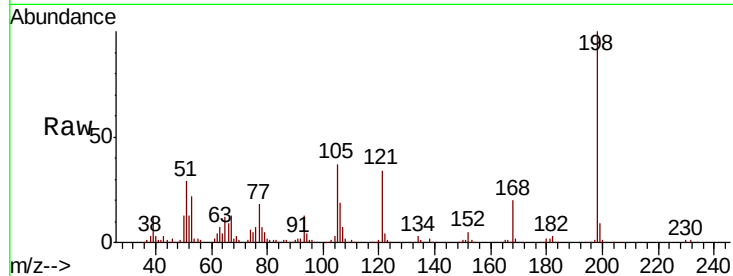




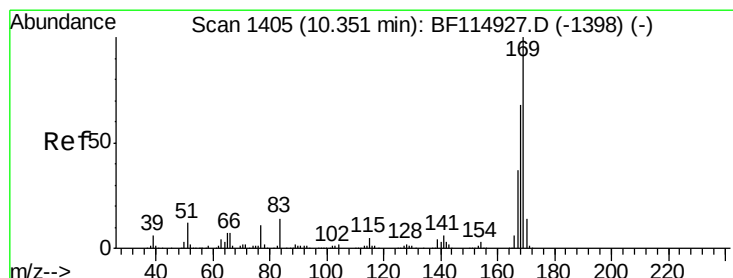
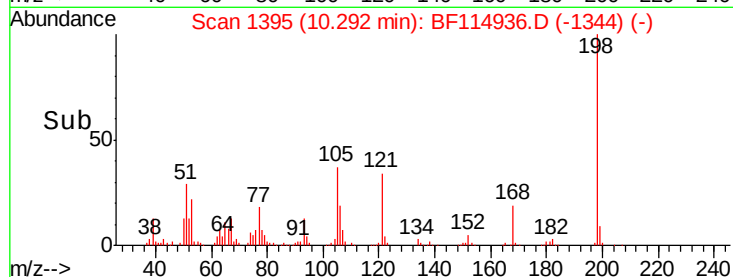
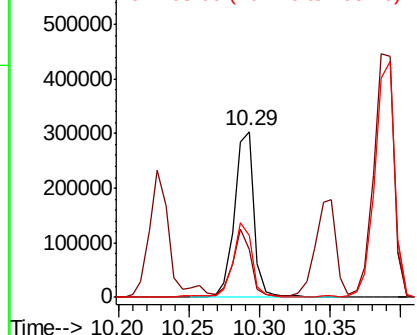
#65
4,6-Dinitro-2-methylphenol
Concen: 43.024 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 294008
Ion Ratio Lower Upper
198 100
51 28.9 16.8 56.8
105 37.4 23.5 63.5

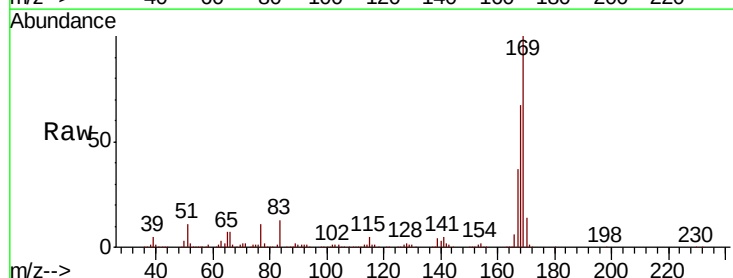


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

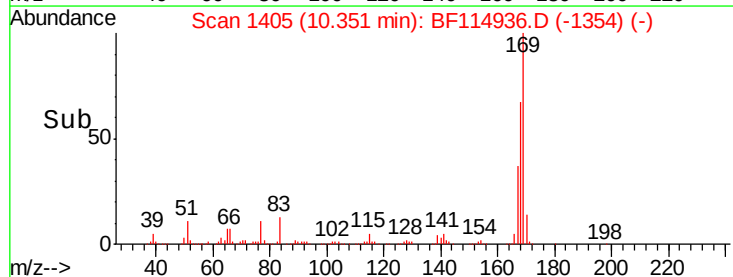
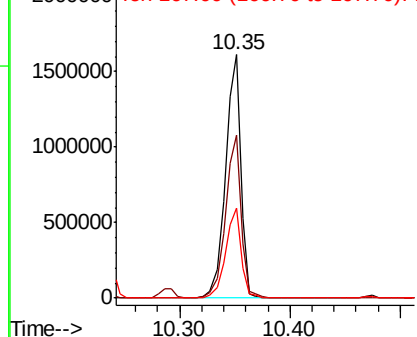


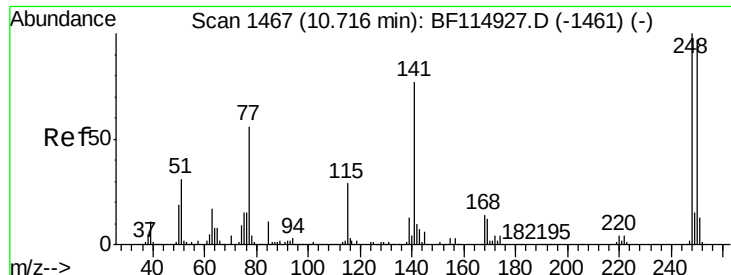
#66
n-Nitrosodiphenylamine
Concen: 42.980 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:169 Resp: 1555983
Ion Ratio Lower Upper
169 100
168 66.9 54.2 81.2
167 36.7 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

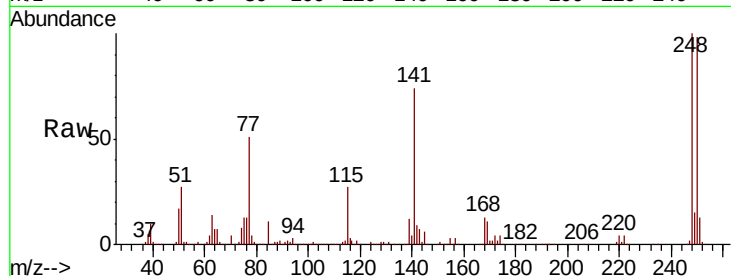




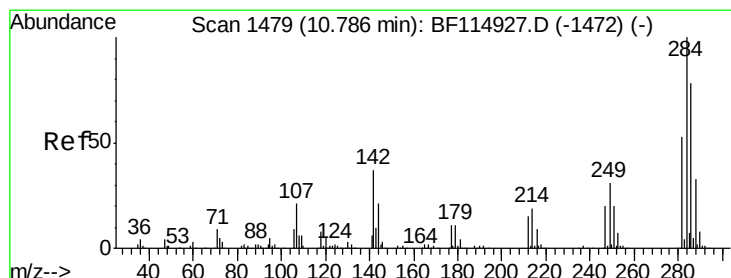
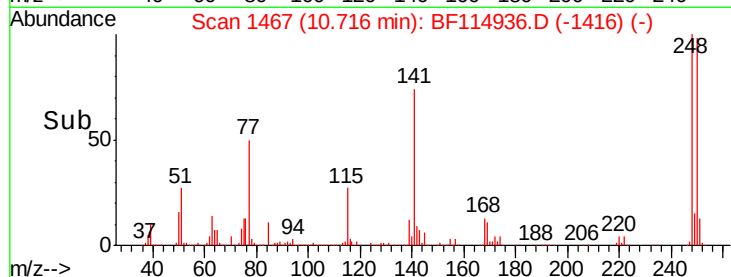
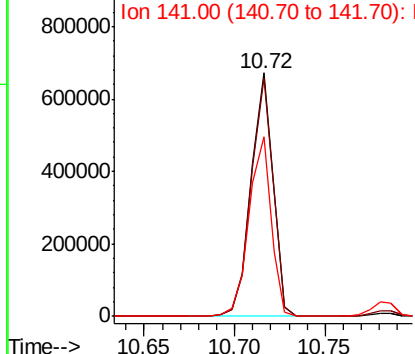
#67
 4-Bromophenyl-phenylether
 Concen: 43.048 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 568195
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.4 116.0
 141 73.9 61.8 92.6

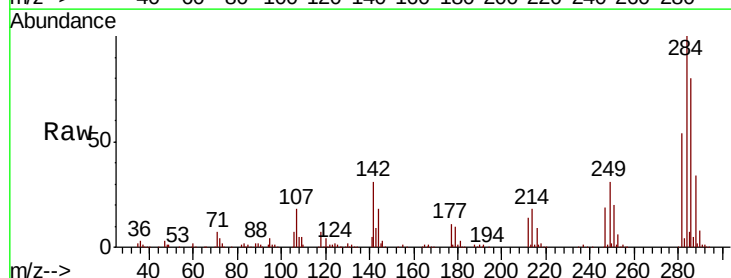


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

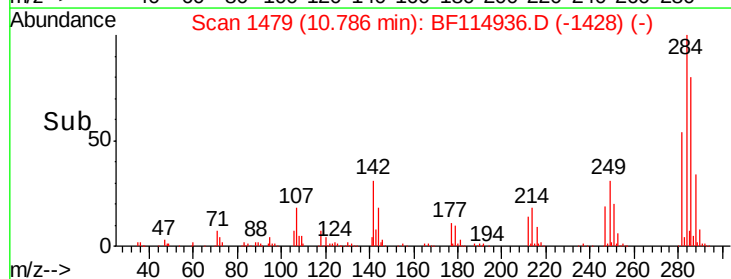
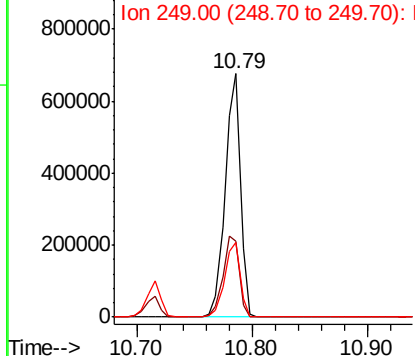


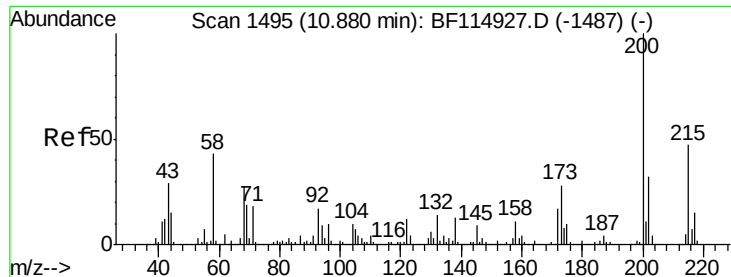
#68
 Hexachlorobenzene
 Concen: 42.558 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion:284 Resp: 620310
 Ion Ratio Lower Upper
 284 100
 142 31.3 29.3 43.9
 249 30.6 25.1 37.7



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

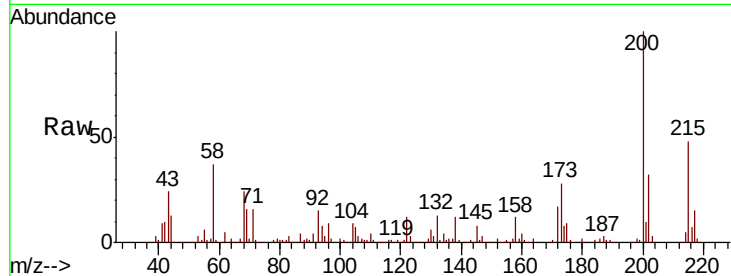




#69
 Atrazine
 Concen: 39.067 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	8.3	48.3
215	47.8	26.6	66.6

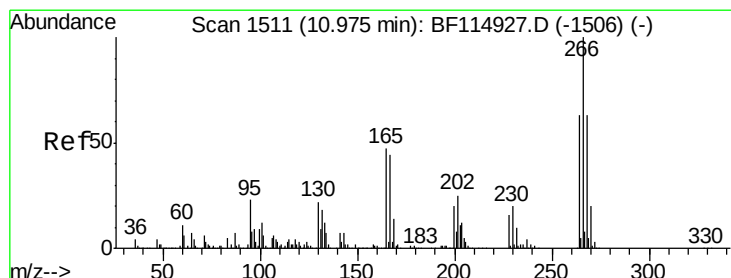
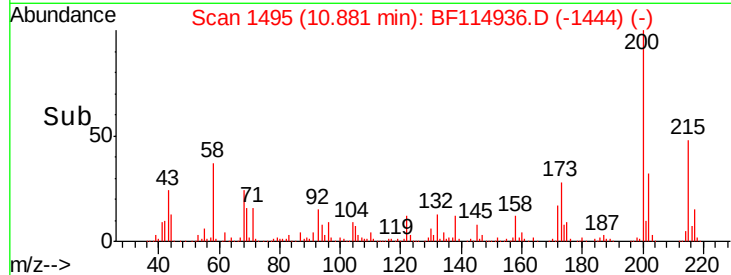
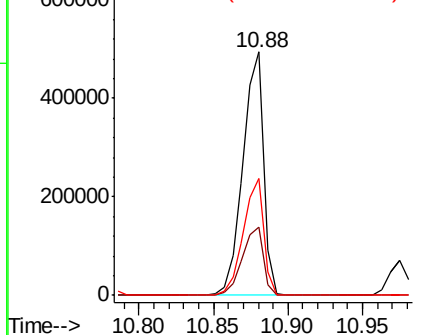


Abundance

Ion 200.00 (199.70 to 200.70): E

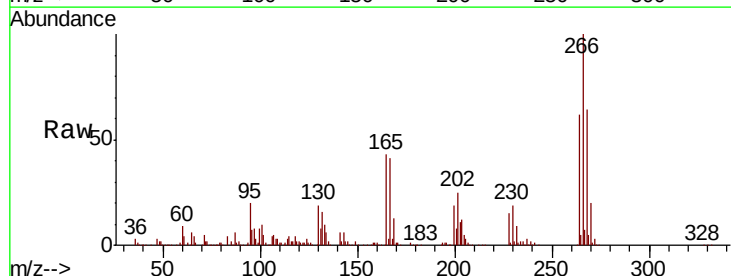
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 44.942 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.8	76.2
264	61.9	50.4	75.6

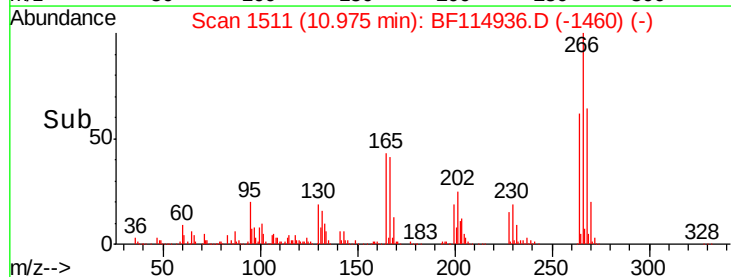
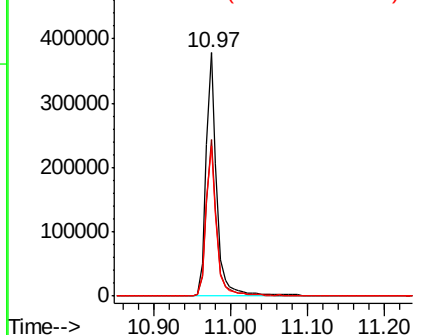


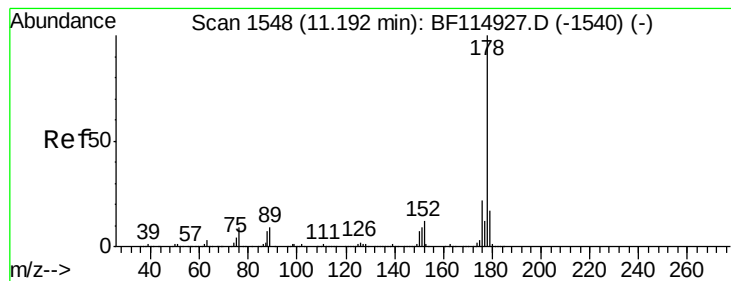
Abundance

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: 42.317 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

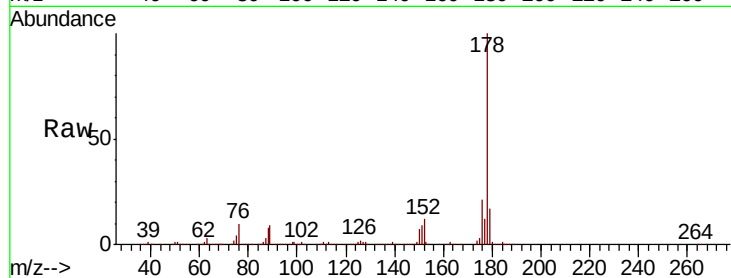
Tot Ion:178 Resp: 2501789

Ion Ratio Lower Upper

178 100

176 21.1 17.4 26.2

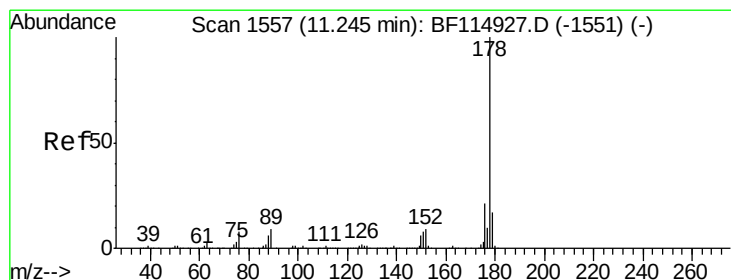
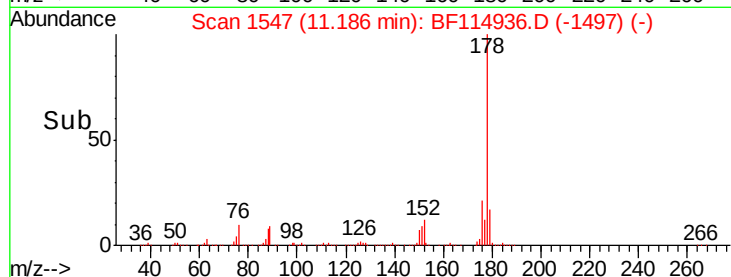
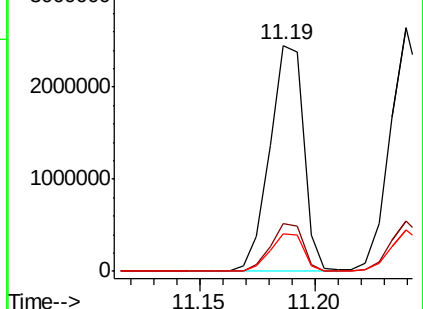
179 16.8 13.6 20.4



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: 42.756 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

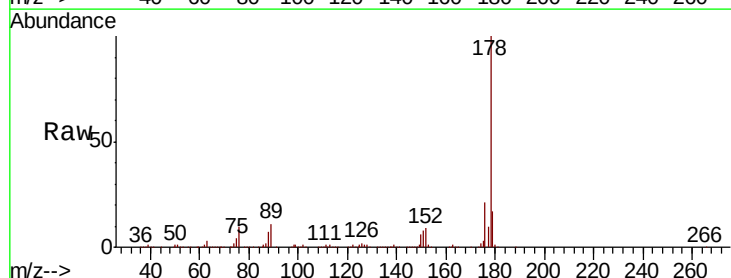
Tgt Ion:178 Resp: 2565666

Ion Ratio Lower Upper

178 100

176 20.7 16.6 25.0

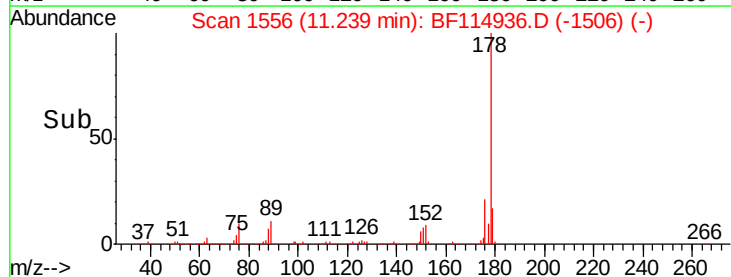
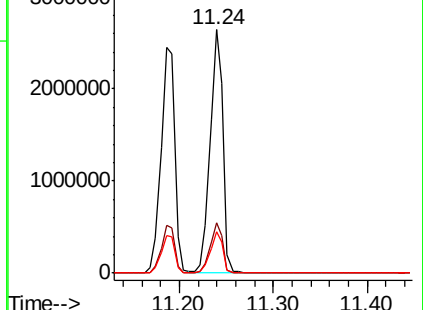
179 17.2 13.4 20.2

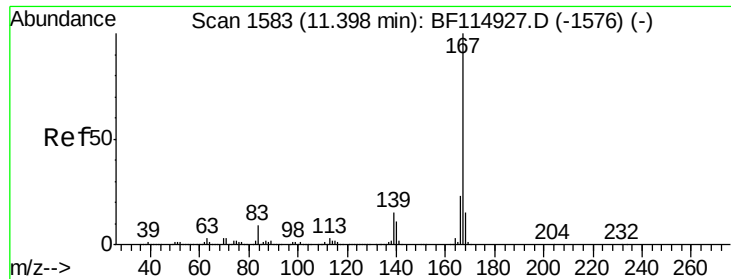


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.598 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

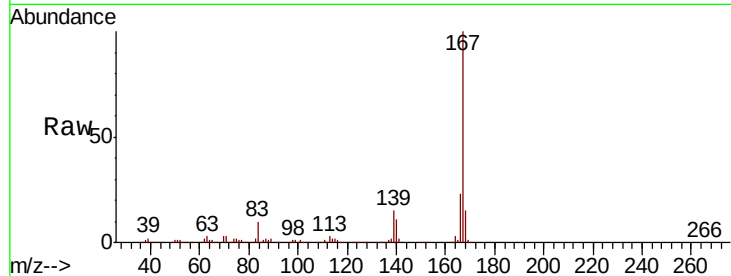
Tot Ion:167 Resp: 2327221

Ion Ratio Lower Upper

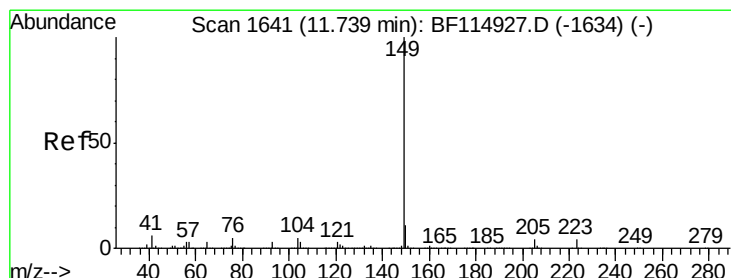
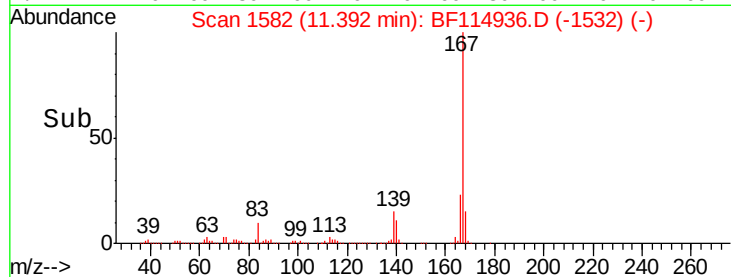
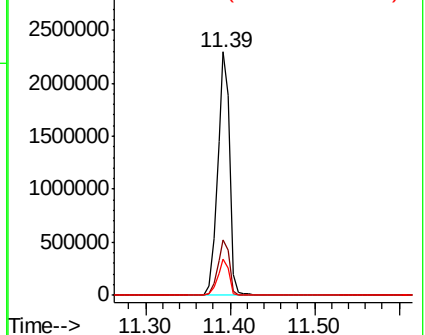
167 100

166 23.0 18.8 28.2

139 15.1 11.6 17.4



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: 42.711 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

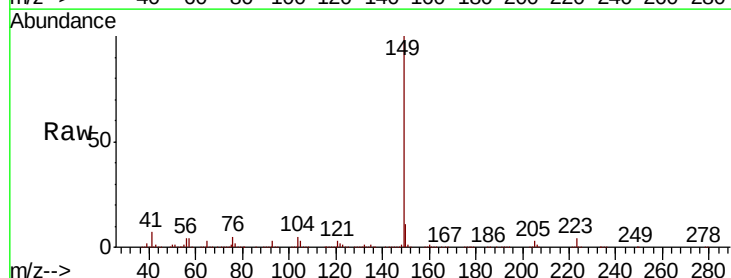
Tgt Ion:149 Resp: 2883811

Ion Ratio Lower Upper

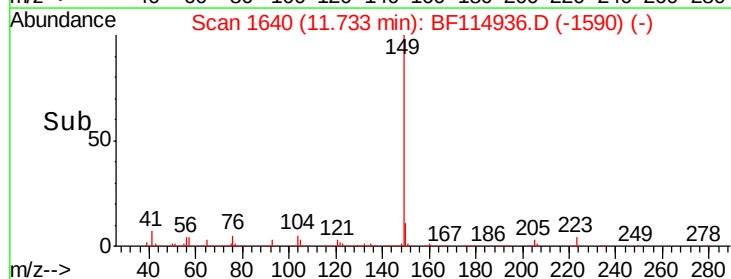
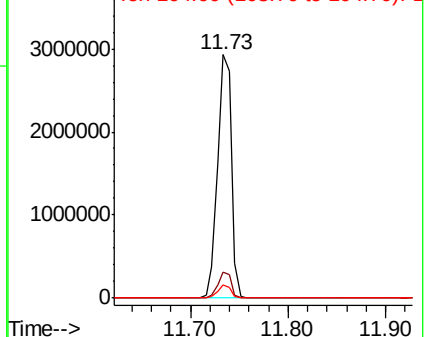
149 100

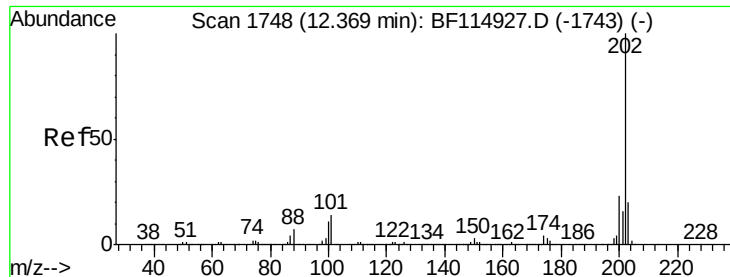
150 10.7 8.5 12.7

104 5.3 4.1 6.1



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: 42.067 ng

RT: 12.37 min Scan# 1748

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

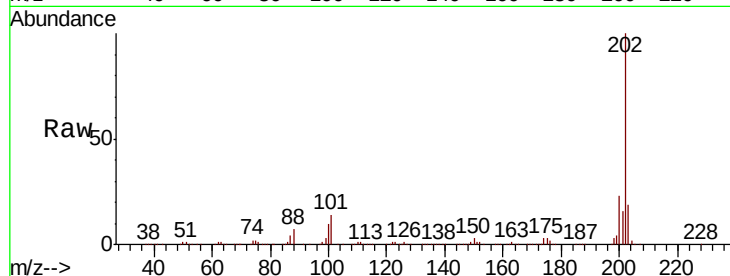
Tot Ion:202 Resp: 2572393

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.3

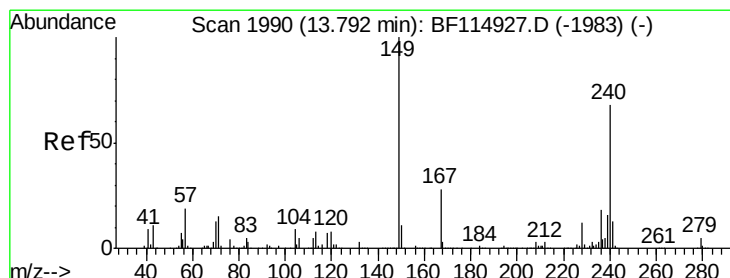
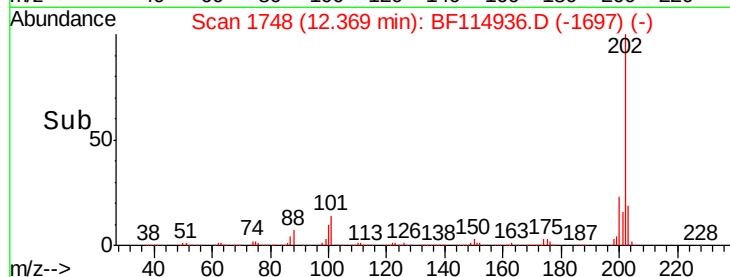
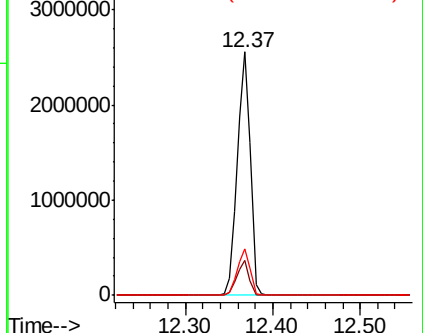
203 19.2 0.0 39.6



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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

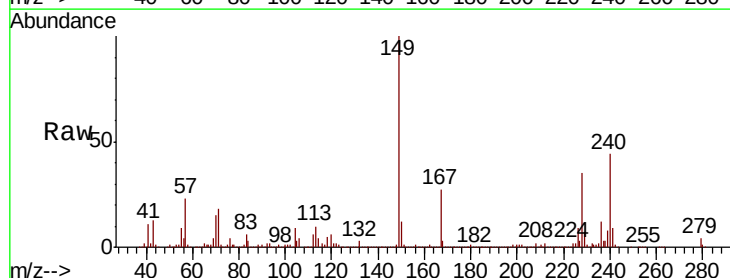
Tgt Ion:240 Resp: 717060

Ion Ratio Lower Upper

240 100

120 13.0 9.2 13.8

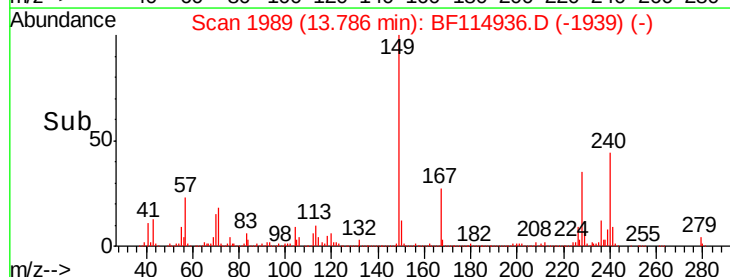
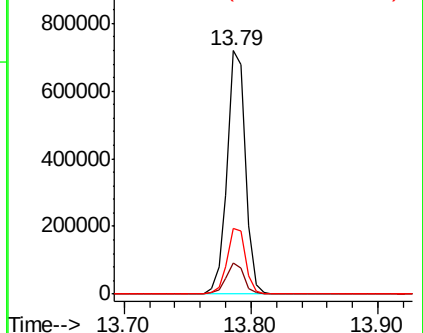
236 26.7 21.7 32.5

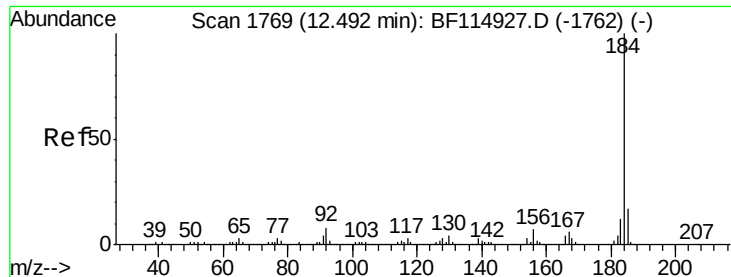


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.159 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

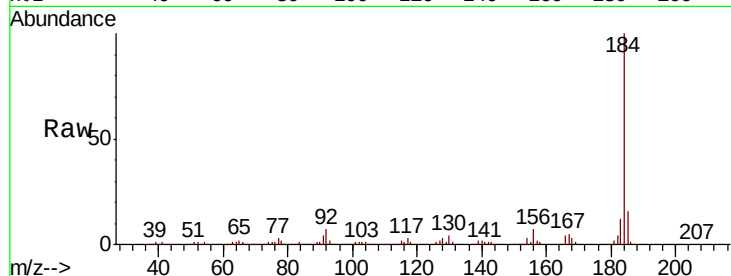
Tot Ion:184 Resp: 1260214

Ion Ratio Lower Upper

184 100

185 16.4 13.4 20.0

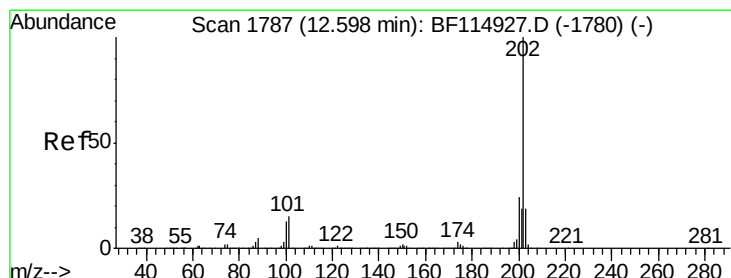
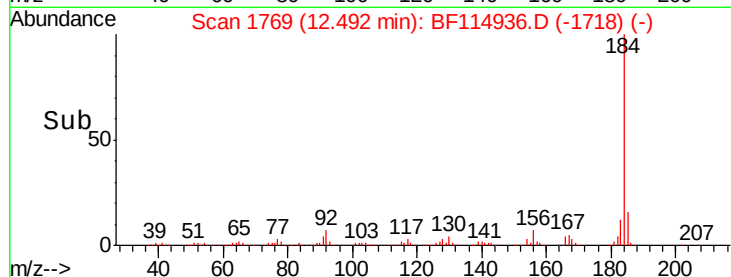
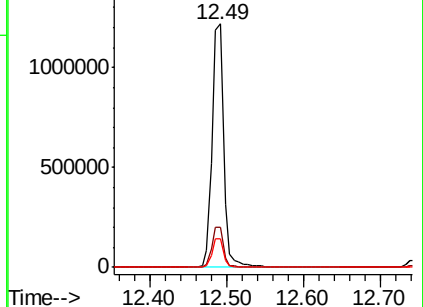
183 11.8 9.8 14.6



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: 41.782 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

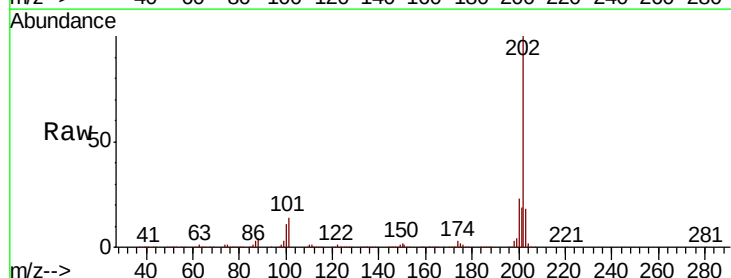
Tgt Ion:202 Resp: 2609260

Ion Ratio Lower Upper

202 100

200 23.2 18.9 28.3

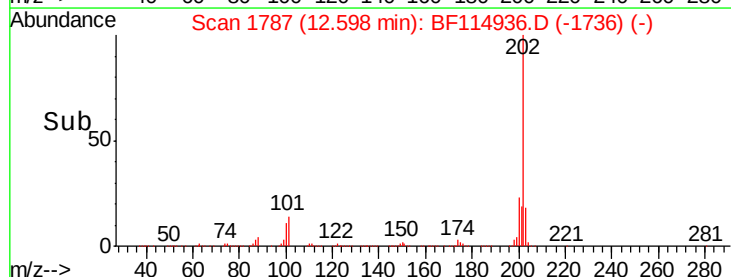
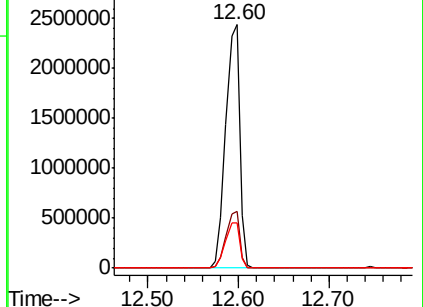
203 18.5 15.2 22.8

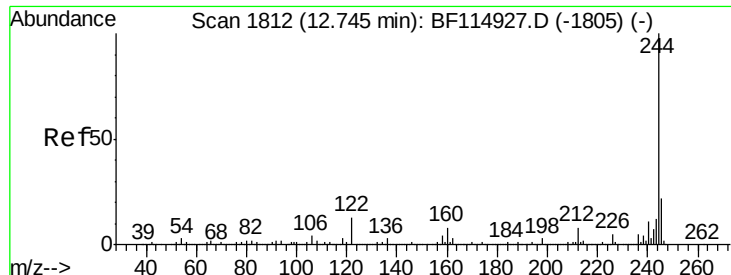


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.889 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

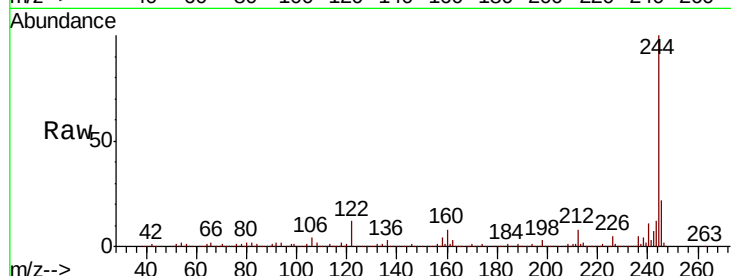
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 2988687

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	10.2	15.4

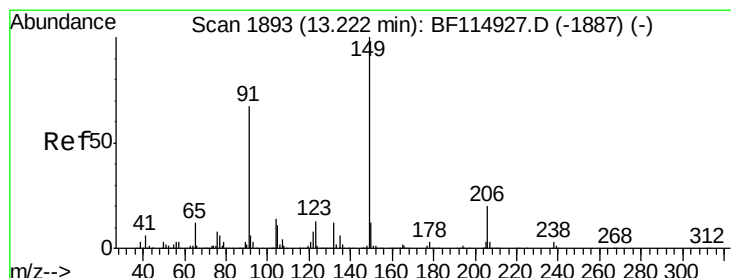
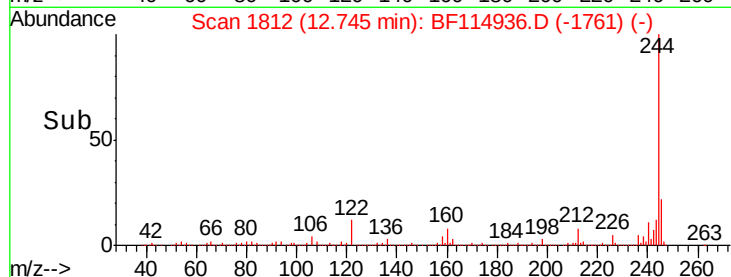
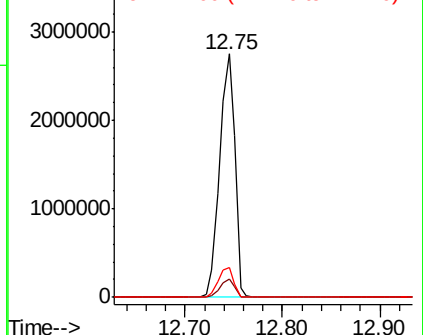


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.086 ng

RT: 13.22 min Scan# 1893

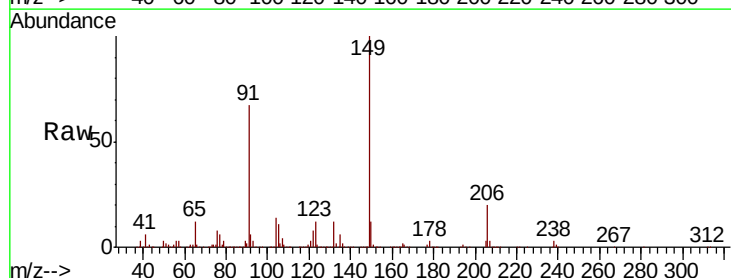
Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Tgt Ion:149 Resp: 1294818

Ion	Ratio	Lower	Upper
149	100		
91	67.4	53.8	80.8
206	20.5	16.3	24.5

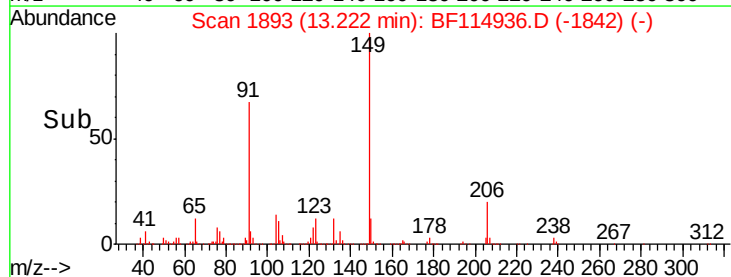
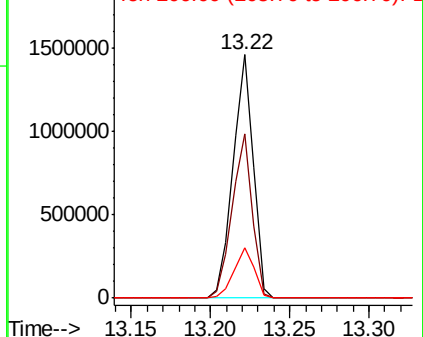


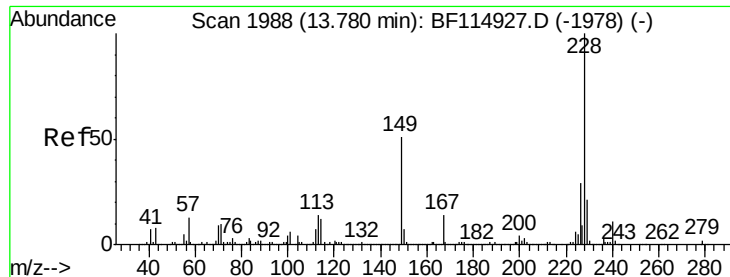
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.858 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

Instrument :

BNA_F

ClientSampleId :

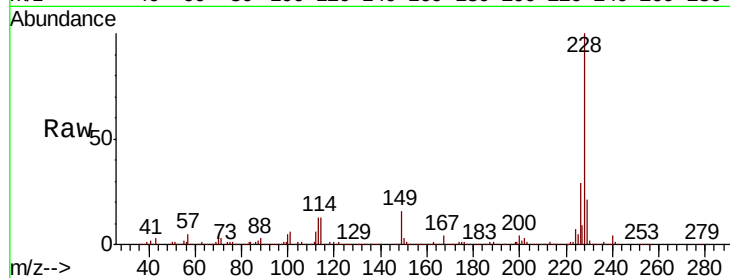
Tot Ion:228 Resp: 2272318

Ion Ratio Lower Upper

228 100

226 28.7 22.8 34.2

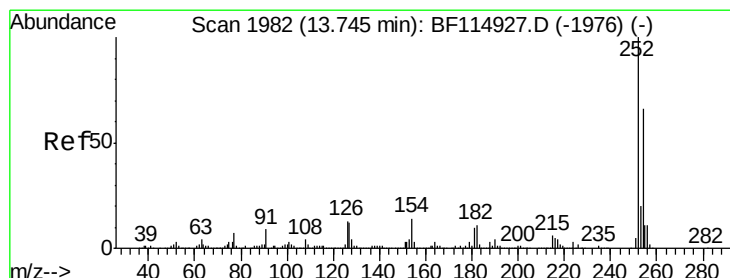
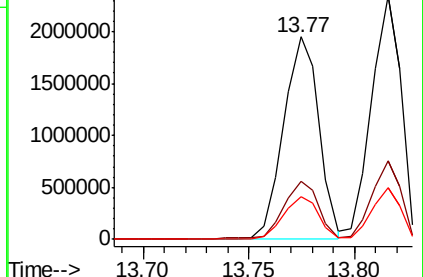
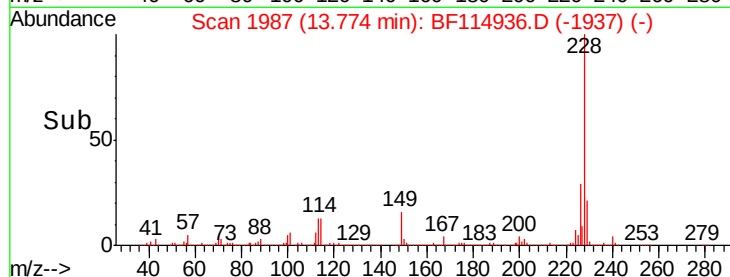
229 21.2 16.6 25.0



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: 43.802 ng

RT: 13.75 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BF114936.D

Acq: 11 Jun 2019 10:15

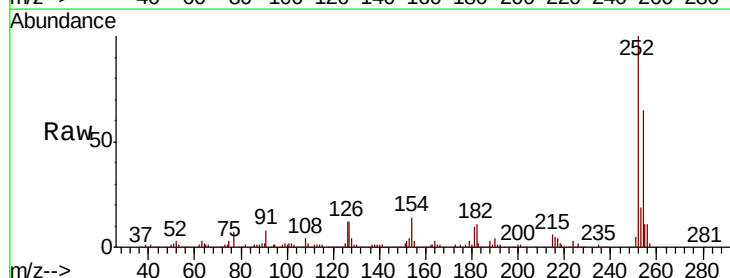
Tgt Ion:252 Resp: 947985

Ion Ratio Lower Upper

252 100

254 65.4 52.6 78.8

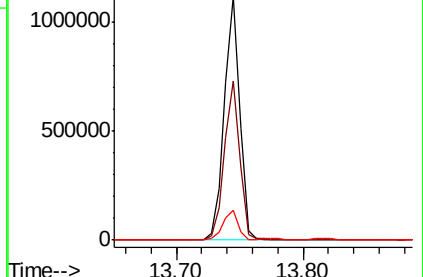
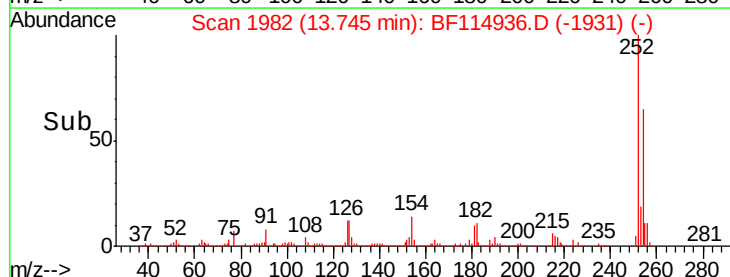
126 12.4 10.4 15.6

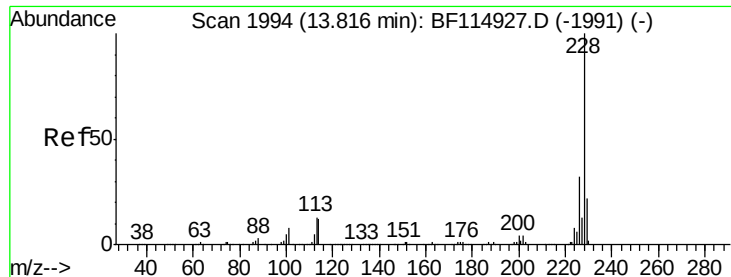


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

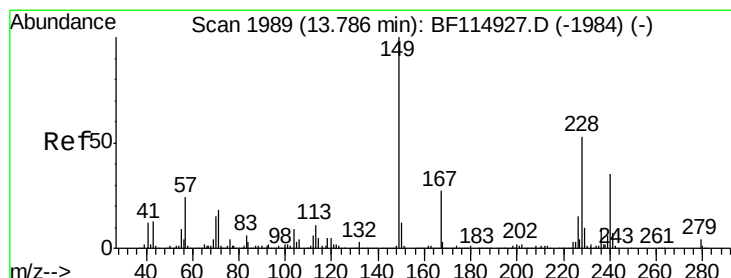
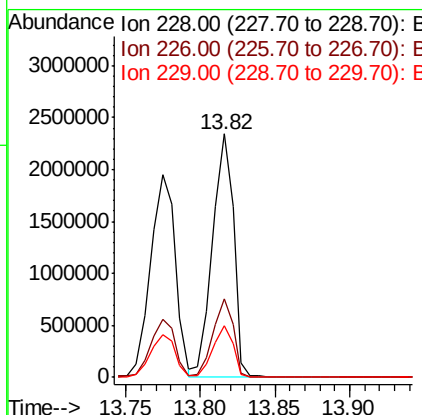
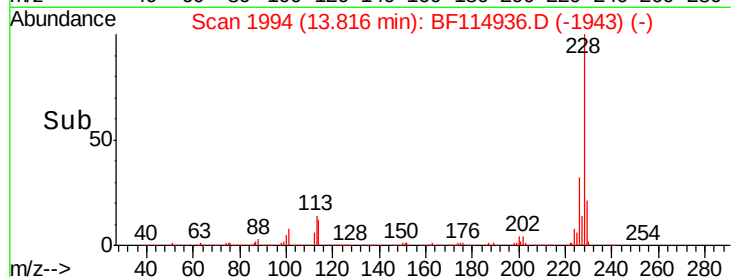
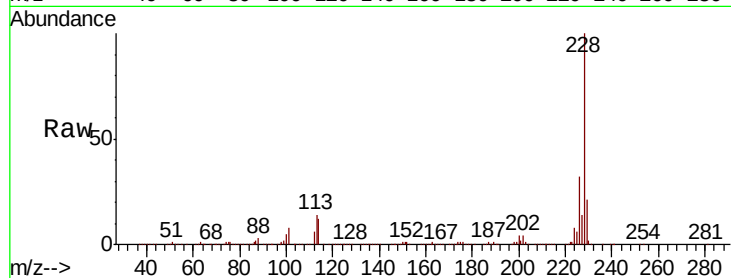




#83
 Chrysene
 Concen: 43.427 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

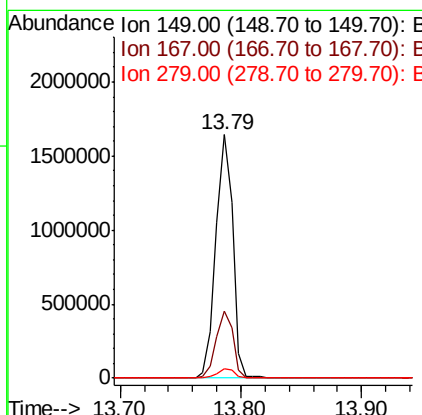
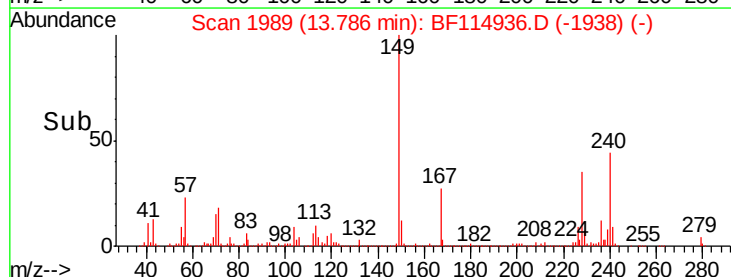
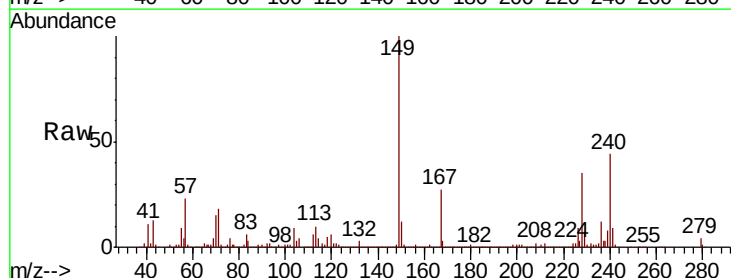
Instrument :
 BNA_F
 ClientSampleId :

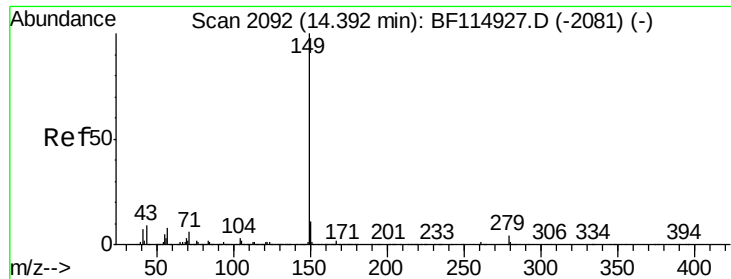
Tot Ion:228 Resp: 2312173
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.8 38.8
 229 21.1 17.2 25.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.540 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF114936.D
 Acq: 11 Jun 2019 10:15

Tgt Ion:149 Resp: 1568829
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.9 32.9
 279 4.0 3.2 4.8

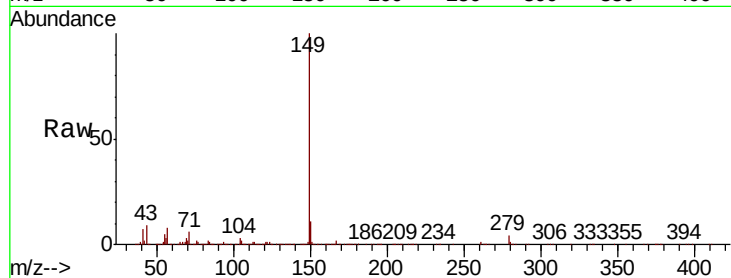




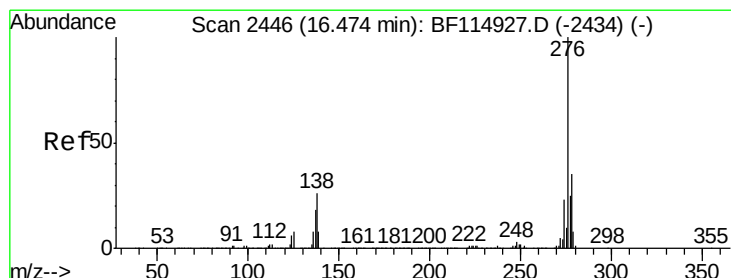
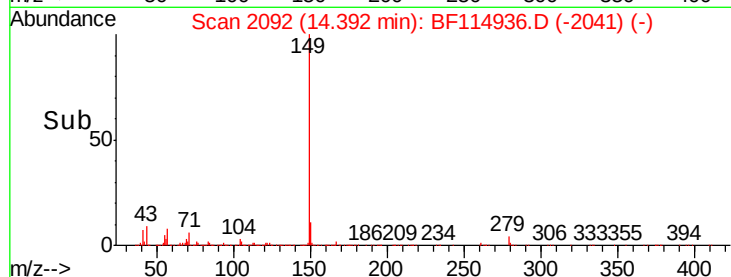
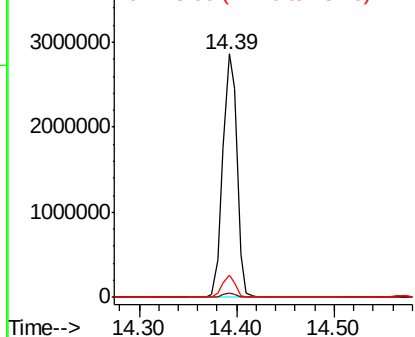
#85
Di-n-octyl phthalate
Concen: 43.767 ng
RT: 14.39 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2880770
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.5 6.8 10.2

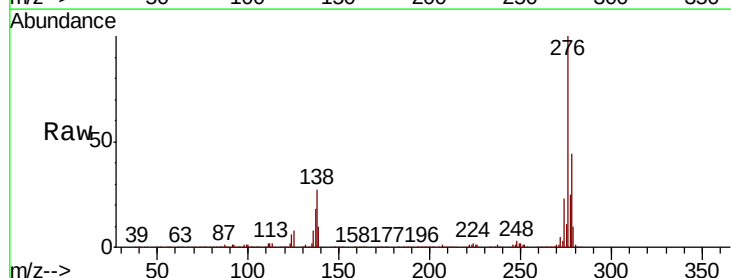


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

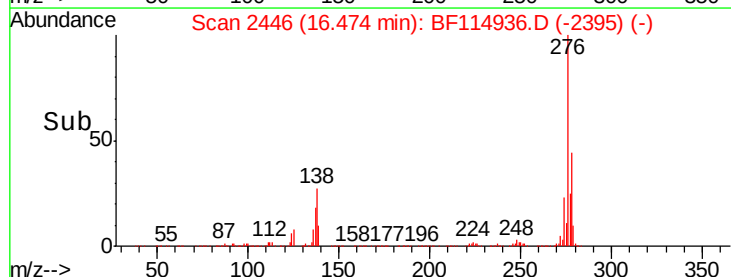
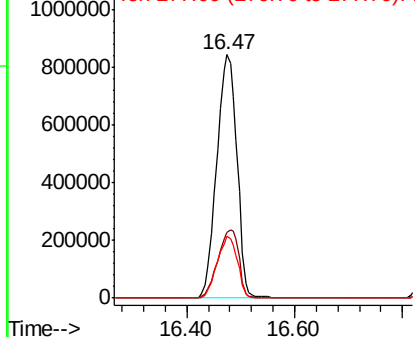


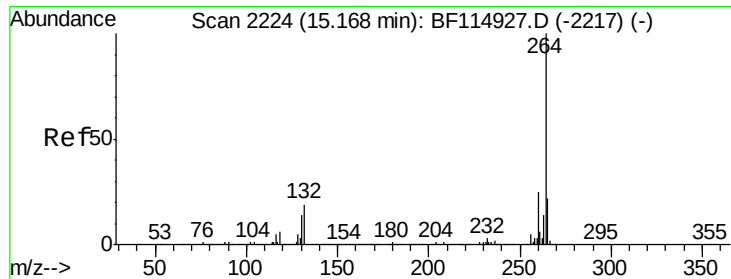
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.410 ng
RT: 16.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:276 Resp: 2222919
Ion Ratio Lower Upper
276 100
138 29.3 23.3 34.9
277 25.3 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



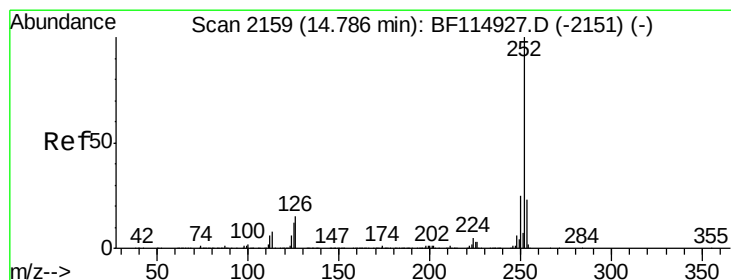
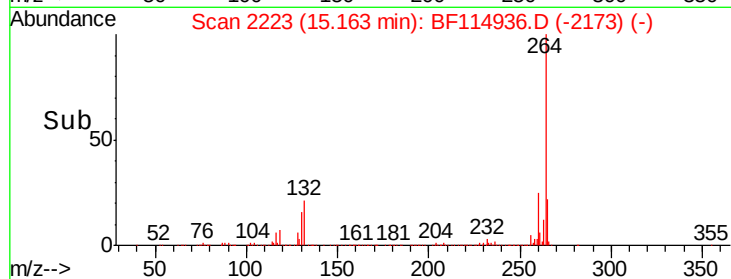
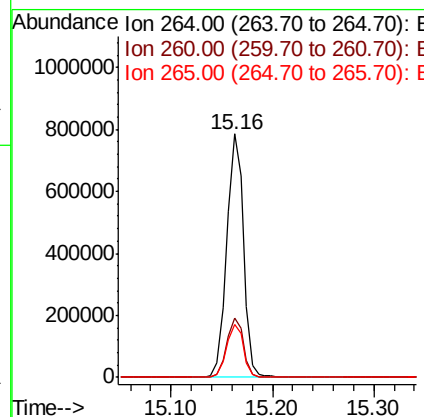
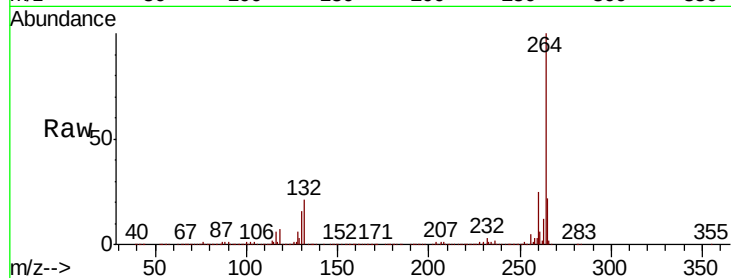


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 899759

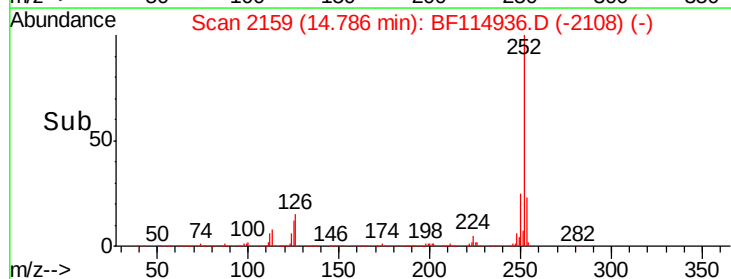
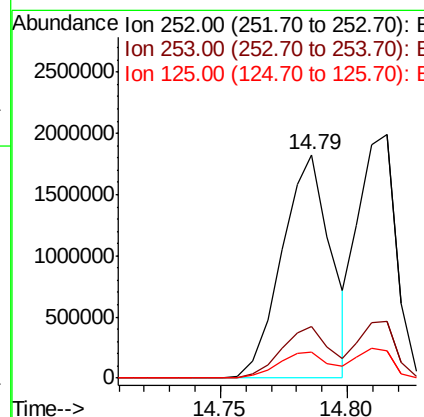
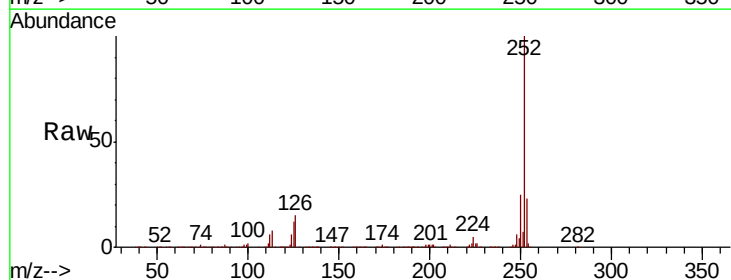
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.7	17.5	26.3

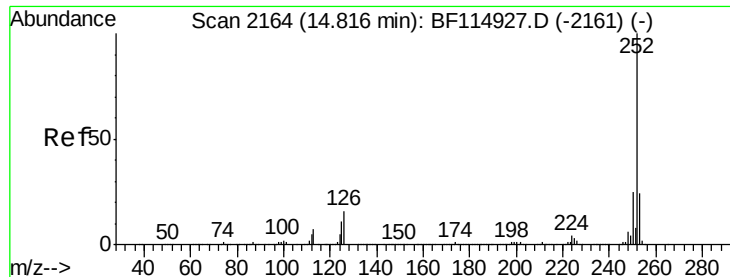


#88
Benzo(b)fluoranthene
Concen: 41.857 ng
RT: 14.79 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:252 Resp: 2451856

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	28.0
125	11.6	9.5	14.3

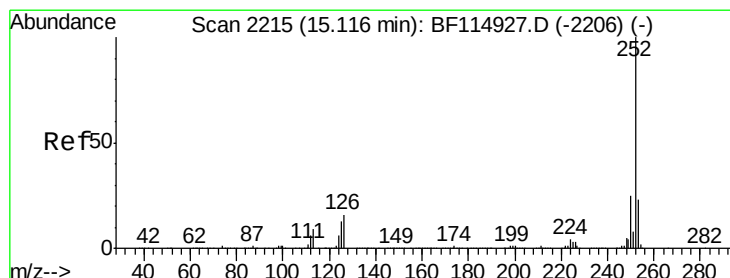
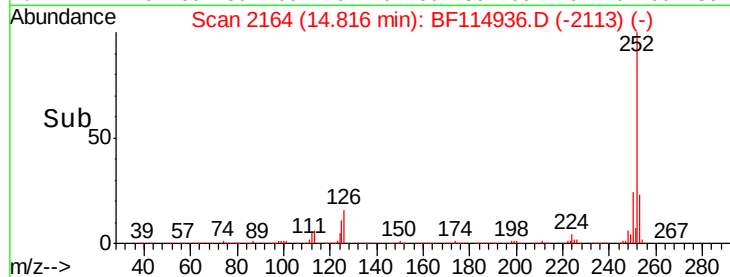
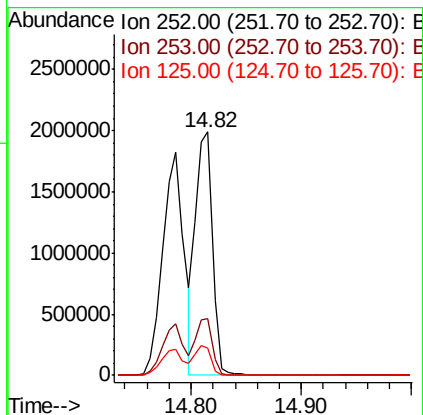
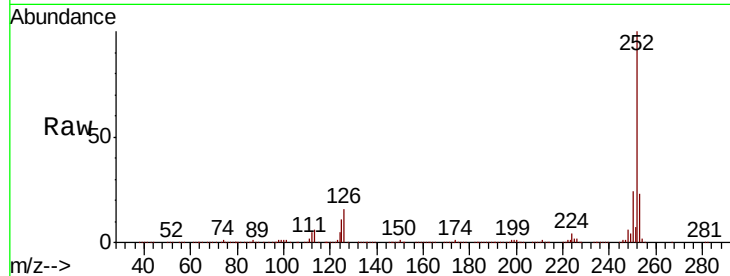




#89
Benzo(k)fluoranthene
Concen: 40.837 ng
RT: 14.82 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

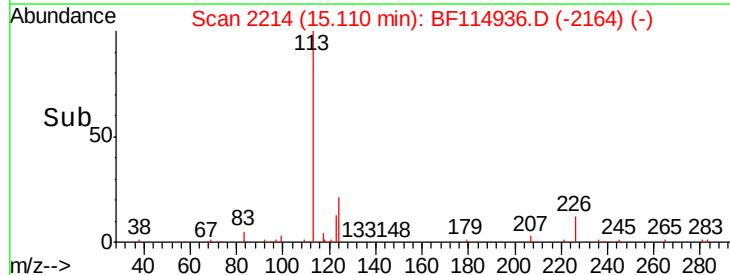
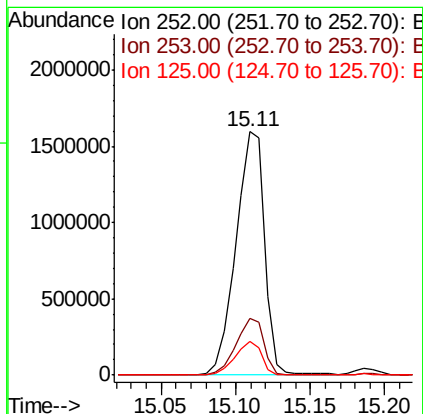
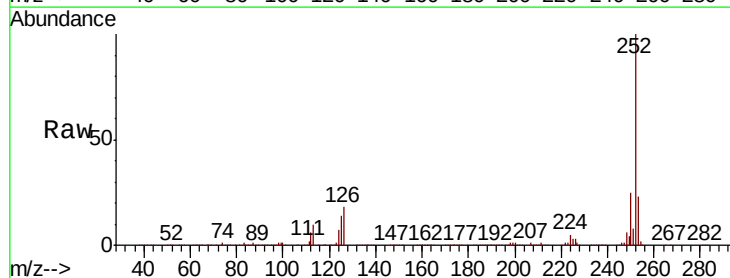
Instrument :
BNA_F
ClientSampled :

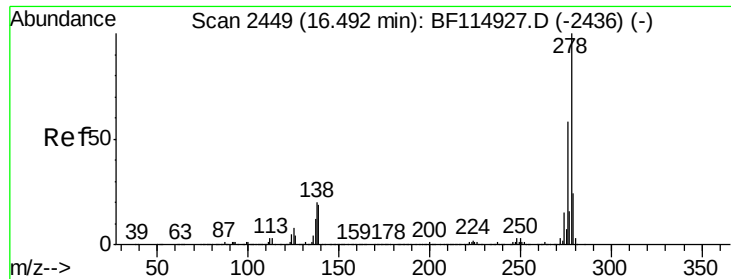
Tot Ion:252 Resp: 2075996
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 11.3 9.2 13.8



#90
Benzo(a)pyrene
Concen: 41.904 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:252 Resp: 2132017
Ion Ratio Lower Upper
252 100
253 23.2 18.2 27.2
125 13.9 10.1 15.1

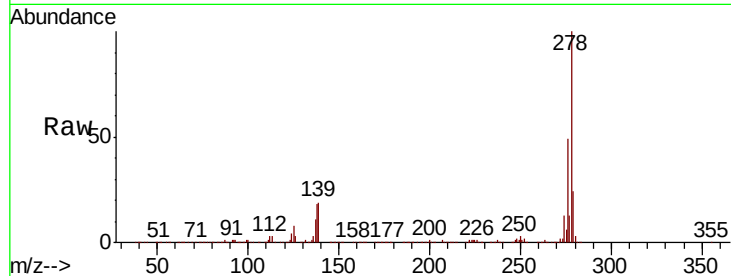




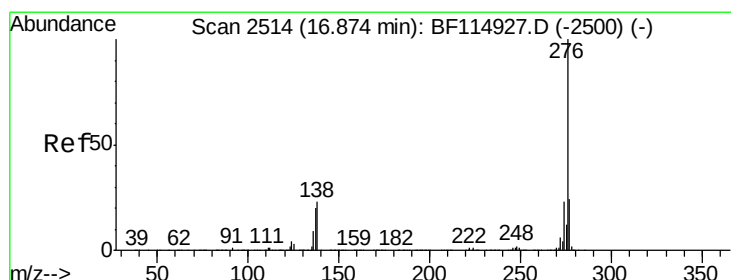
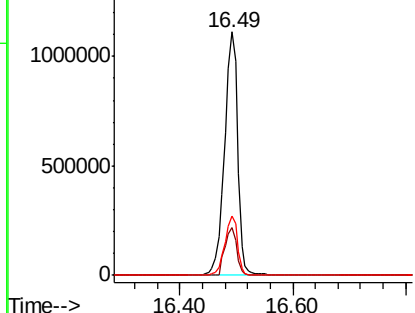
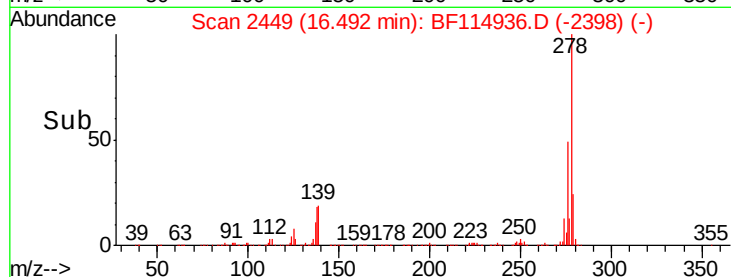
#91
Dibenzo(a,h)anthracene
Concen: 41.973 ng
RT: 16.49 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:278 Resp: 1803886
Ion Ratio Lower Upper
278 100
139 19.4 15.1 22.7
279 24.2 19.6 29.4

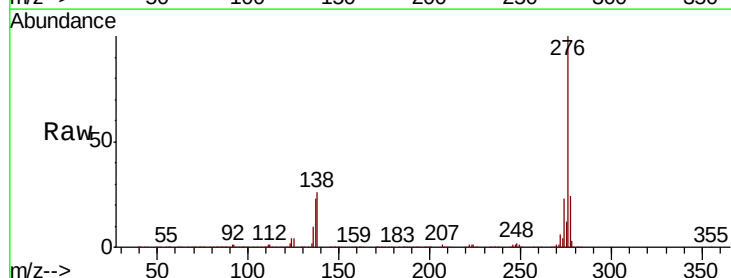


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.138 ng
RT: 16.87 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BF114936.D
Acq: 11 Jun 2019 10:15

Tgt Ion:276 Resp: 1762338
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.6
138 26.1 18.7 28.1



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

