

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113916.D
 Acq On : 23 Apr 2019 13:22
 Operator : JU/SJ
 Sample : SSTDCCC40
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 23 15:38:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156453	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	623757	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	333354	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	670268	20.00	ng	0.00
76) Chrysene-d12	14.08	240	511648	20.00	ng	0.01
87) Perylene-d12	15.59	264	452003	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	720843	78.80	ng	0.00
7) Phenol-d6	6.53	99	918608	80.04	ng	0.00
23) Nitrobenzene-d5	7.46	82	857934	84.92	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	336476	82.86	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1688076	79.20	ng	0.00
79) Terphenyl-d14	13.00	244	2049011	82.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.71	88	169837	39.387	ng	95
3) Pyridine	3.47	79	461606	39.219	ng	97
4) n-Nitrosodimethylamine	3.42	42	153531	38.107	ng	94
6) Aniline	6.56	93	624507	39.628	ng	99
8) 2-Chlorophenol	6.69	128	421381	40.348	ng	99
9) Benzaldehyde	6.45	77	255676	39.000	ng	97
10) Phenol	6.55	94	546657	39.834	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	408239	39.532	ng	98
12) 1,3-Dichlorobenzene	6.85	146	473715	40.050	ng	97
13) 1,4-Dichlorobenzene	6.92	146	479520	40.307	ng	98
14) 1,2-Dichlorobenzene	7.07	146	445036	40.704	ng	98
15) Benzyl Alcohol	7.04	79	282379	36.533	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	476408	39.519	ng	90
17) 2-Methylphenol	7.15	107	389284	42.524	ng	98
18) Hexachloroethane	7.42	117	168787	40.473	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	293597	39.504	ng	97
20) 3+4-Methylphenols	7.30	107	428650	41.444	ng	# 80
22) Acetophenone	7.31	105	554512	39.949	ng	98
24) Nitrobenzene	7.48	77	463583	41.530	ng	98
25) Isophorone	7.72	82	819518	39.646	ng	99
26) 2-Nitrophenol	7.80	139	234364	46.022	ng	98
27) 2,4-Dimethylphenol	7.83	122	324761	39.142	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	528976	40.159	ng	99
29) 2,4-Dichlorophenol	8.04	162	385567	40.638	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	428952	40.547	ng	100
31) Naphthalene	8.20	128	1206305	40.710	ng	100
32) Benzoic acid	7.95	122	158714	28.326	ng	95
33) 4-Chloroaniline	8.25	127	504828	40.263	ng	99
34) Hexachlorobutadiene	8.33	225	266124	40.353	ng	98
35) Caprolactam	8.62	113	120646	39.973	ng	97
36) 4-Chloro-3-methylphenol	8.73	107	386378	41.105	ng	97
37) 2-Methylnaphthalene	8.90	142	813314	40.702	ng	98
38) 1-Methylnaphthalene	8.99	142	788724	40.896	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435858	40.251	ng	99

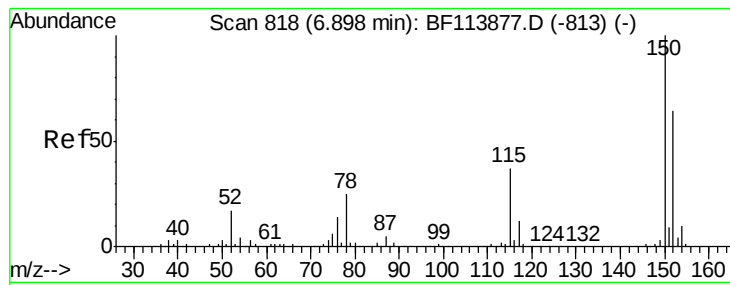
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	236372	39.145	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	279599	40.663	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	315202	40.869	ng	97
46) 1,1'-Biphenyl	9.36	154	1027224	40.337	ng	99
47) 2-Chloronaphthalene	9.39	162	829883	40.073	ng	99
48) 2-Nitroaniline	9.47	65	234275	43.154	ng	91
49) Acenaphthylene	9.80	152	1316142	40.596	ng	99
50) Dimethylphthalate	9.66	163	978300	40.579	ng	100
51) 2,6-Dinitrotoluene	9.72	165	230175	44.502	ng	97
52) Acenaphthene	9.97	154	783120	40.873	ng	97
53) 3-Nitroaniline	9.89	138	234016	43.057	ng	89
54) 2,4-Dinitrophenol	9.99	184	97032	47.171	ng	# 1
55) Dibenzofuran	10.15	168	1157435	40.328	ng	99
56) 4-Nitrophenol	10.04	139	185490	43.104	ng	96
57) 2,4-Dinitrotoluene	10.12	165	296732	45.452	ng	97
58) Fluorene	10.49	166	879070	40.683	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	280034	41.318	ng	99
60) Diethylphthalate	10.36	149	937761	40.961	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	466461	40.762	ng	99
62) 4-Nitroaniline	10.50	138	231654	43.676	ng	96
63) Azobenzene	10.64	77	894586	40.317	ng	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	135775	44.775	ng	94
66) n-Nitrosodiphenylamine	10.59	169	789940	39.278	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	313651	38.736	ng	92
68) Hexachlorobenzene	11.04	284	347925	39.102	ng	97
69) Atrazine	11.12	200	260316	39.789	ng	99
70) Pentachlorophenol	11.23	266	199924	39.684	ng	95
71) Phenanthrene	11.45	178	1340398	39.792	ng	100
72) Anthracene	11.50	178	1376391	40.463	ng	100
73) Carbazole	11.65	167	1238550	40.812	ng	99
74) Di-n-butylphthalate	11.98	149	1469205	41.156	ng	100
75) Fluoranthene	12.64	202	1465328	39.872	ng	97
77) Benzidine	12.75	184	607149	39.826	ng	100
78) Pyrene	12.87	202	1454405	40.648	ng	99
80) Butylbenzylphthalate	13.48	149	621110	44.120	ng	100
81) Benzo(a)anthracene	14.07	228	1309738	43.447	ng	99
82) 3,3'-Dichlorobenzidine	14.03	252	518329	46.911	ng	99
83) Chrysene	14.11	228	1274057	43.396	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	830971	46.394	ng	99
85) Di-n-octyl phthalate	14.70	149	1345630	47.998	ng	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1016361	36.547	ng	98
88) Benzo(b)fluoranthene	15.16	252	1180949	41.295	ng	99
89) Benzo(k)fluoranthene	15.19	252	1020860	41.500	ng	99
90) Benzo(a)pyrene	15.53	252	1000875	40.463	ng	100
91) Dibenzo(a,h)anthracene	17.12	278	839459	36.152	ng	100
92) Benzo(g,h,i)perylene	17.55	276	807924	34.478	ng	99

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

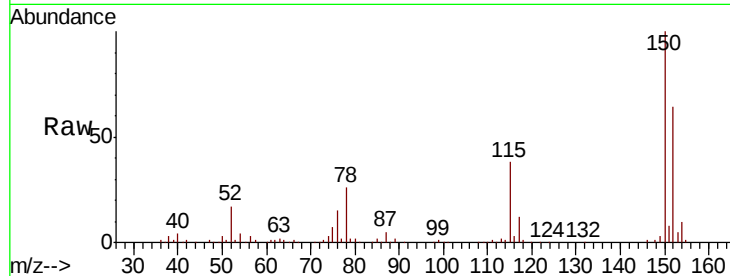


#1

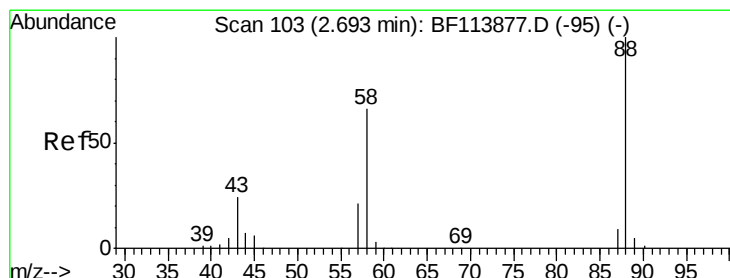
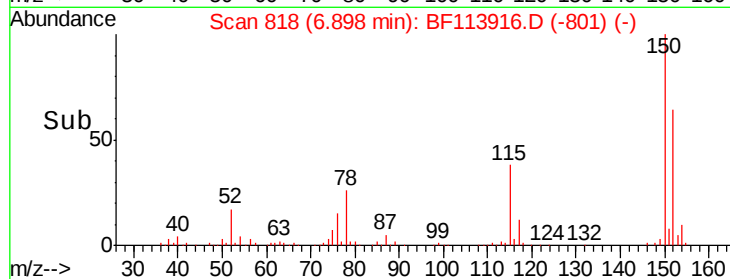
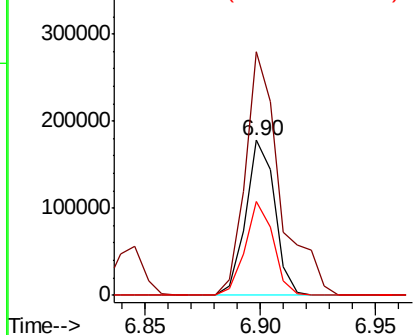
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.9	188.9
115	60.3	45.9	68.9



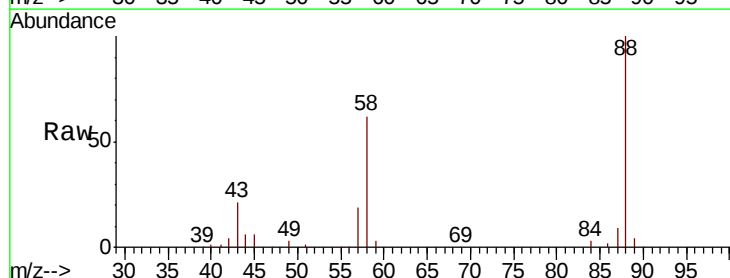
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



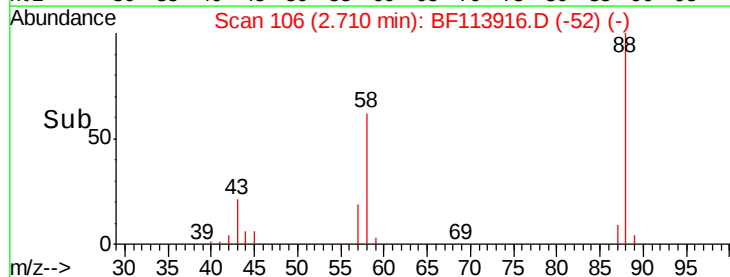
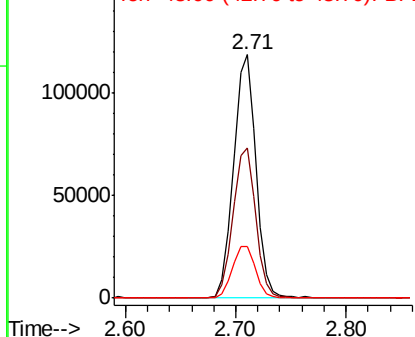
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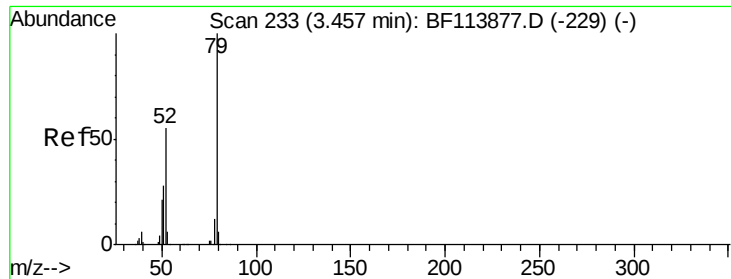
1,4-Dioxane
Concen: 39.387 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.3	53.3	79.9
43	22.1	19.0	28.4



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

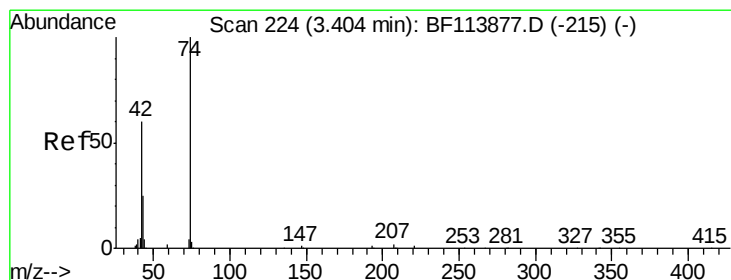
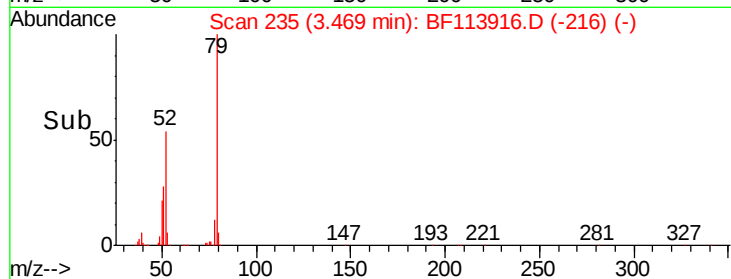
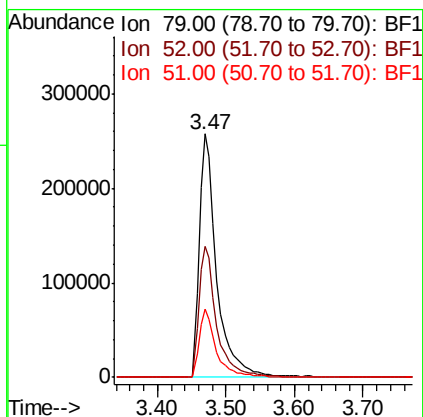
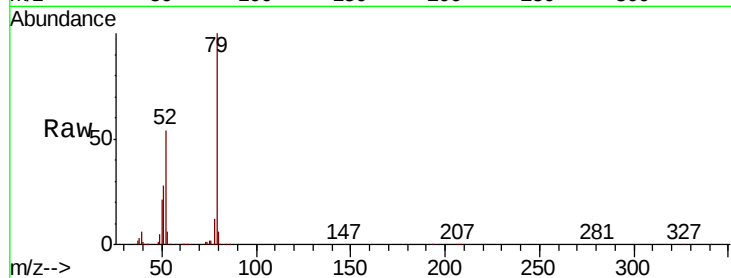




#3
 Pvridine
 Concen: 39.219 ng
 RT: 3.47 min Scan# 235
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

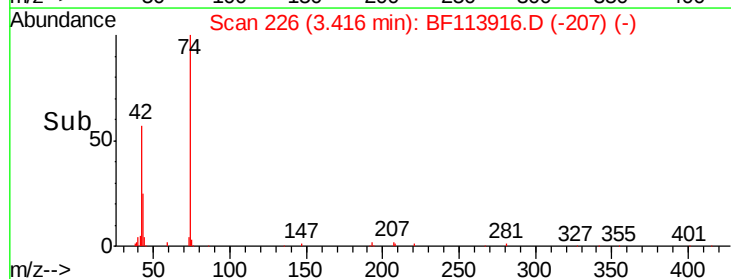
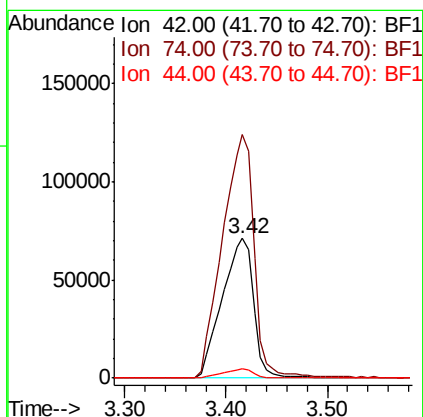
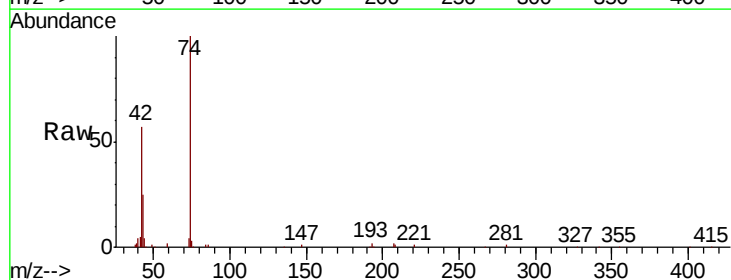
Instrument :
 BNA_F
 ClientSampleId :

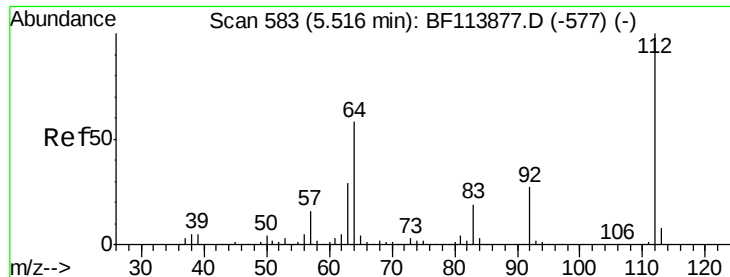
Tot Ion: 79 Resp: 461606
 Ion Ratio Lower Upper
 79 100
 52 53.8 45.3 67.9
 51 28.0 22.1 33.1



#4
 n-Nitrosodimethylamine
 Concen: 38.107 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion: 42 Resp: 153531
 Ion Ratio Lower Upper
 42 100
 74 174.7 132.6 198.8
 44 7.1 5.8 8.8





#5

2-Fluorophenol

Concen: 78.803 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

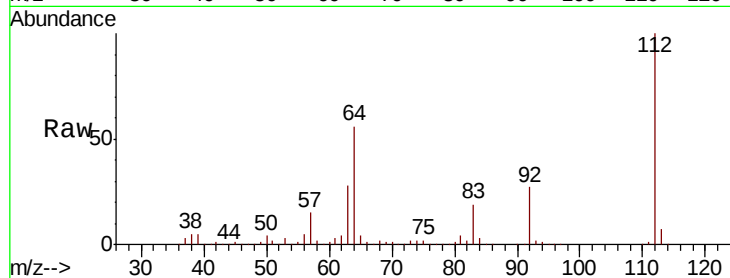
Tot Ion: 112 Resp: 720843

Ion Ratio Lower Upper

112 100

64 56.3 46.6 69.8

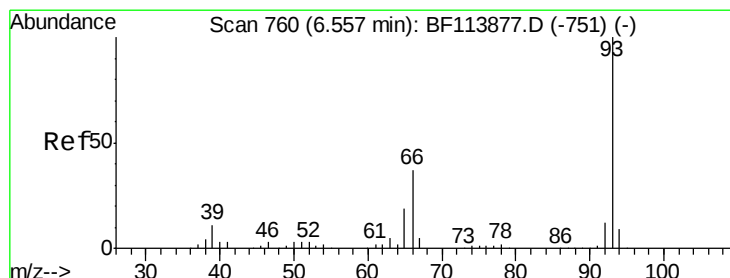
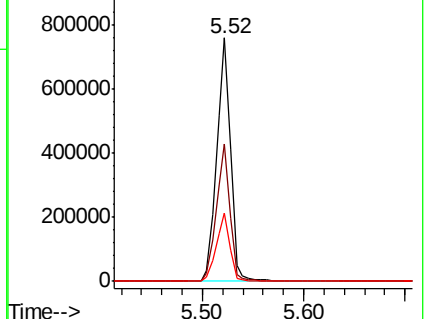
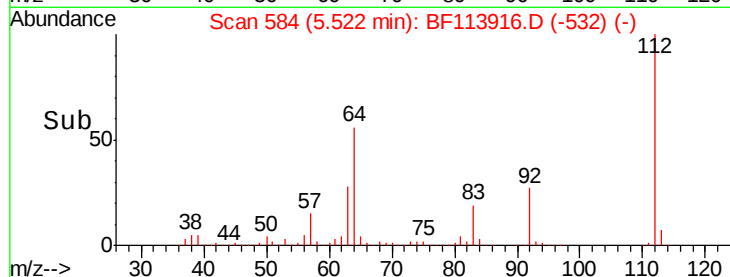
63 28.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.628 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

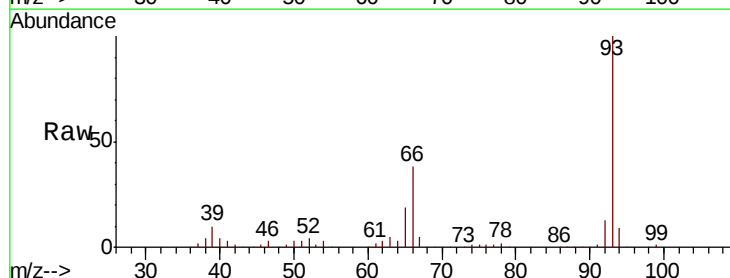
Tgt Ion: 93 Resp: 624507

Ion Ratio Lower Upper

93 100

66 37.9 29.8 44.6

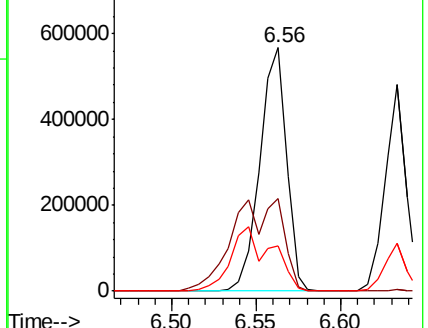
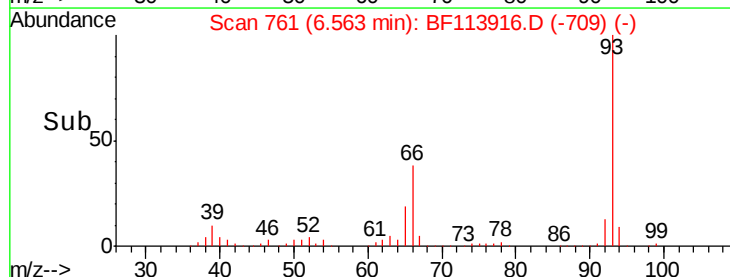
65 18.8 14.9 22.3

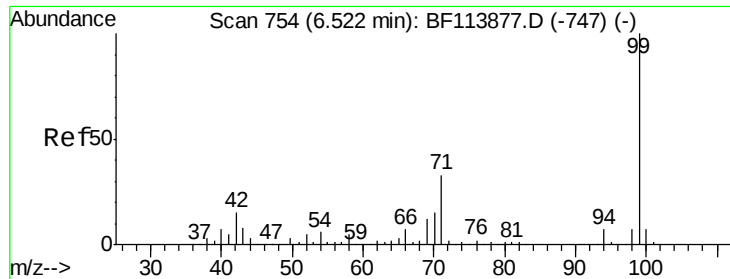


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.043 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

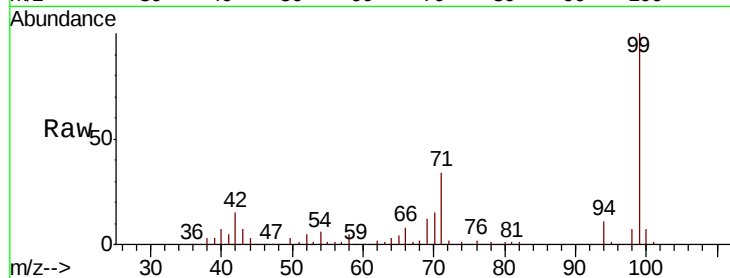
Tot Ion: 99 Resp: 918608

Ion Ratio Lower Upper

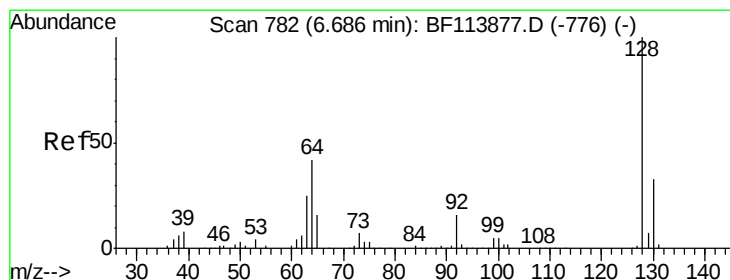
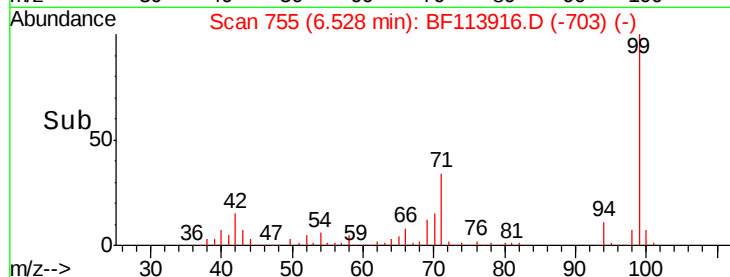
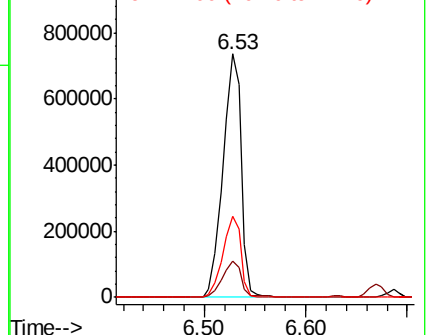
99 100

42 15.1 12.5 18.7

71 33.5 26.9 40.3



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: 40.348 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

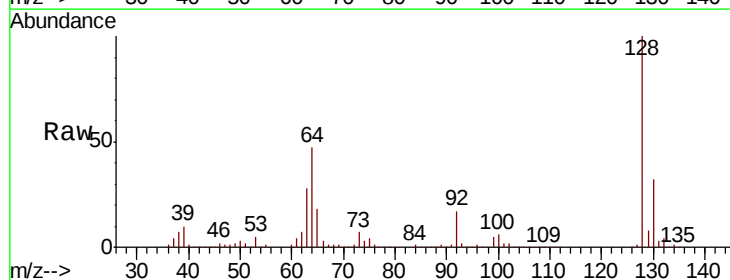
Tgt Ion: 128 Resp: 421381

Ion Ratio Lower Upper

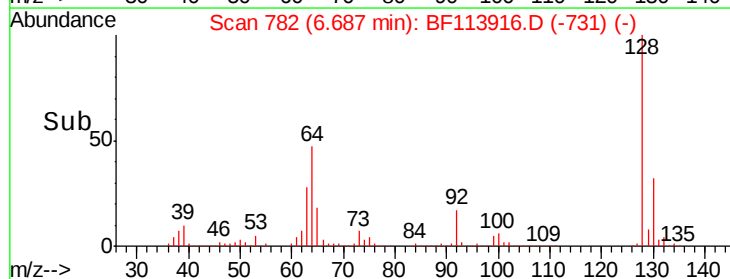
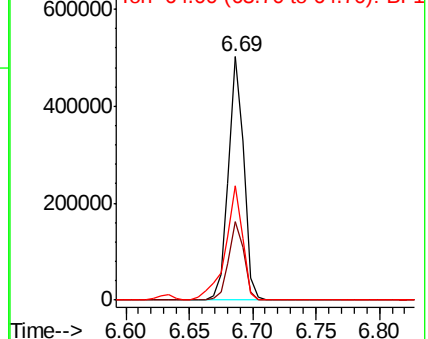
128 100

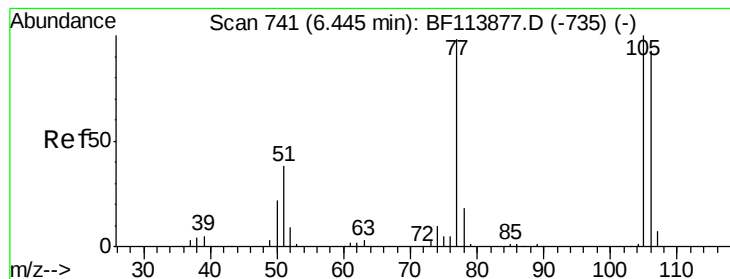
130 32.3 12.3 52.3

64 46.8 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.000 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

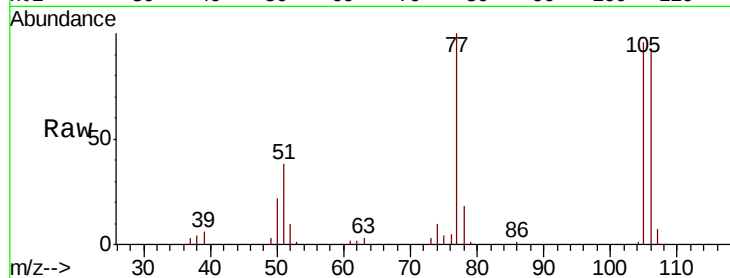
Tot Ion: 77 Resp: 255676

Ion Ratio Lower Upper

77 100

105 96.4 74.1 114.1

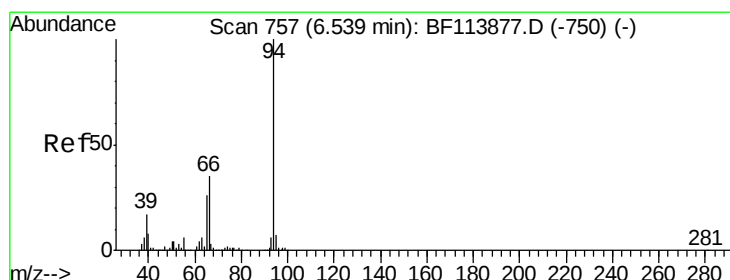
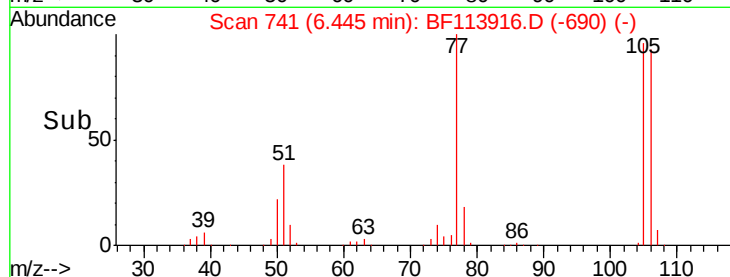
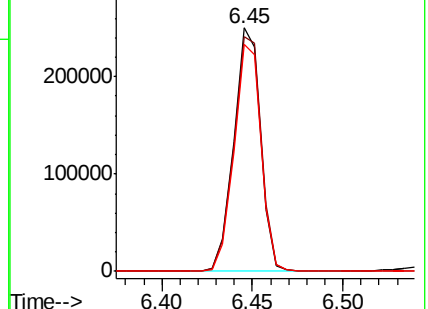
106 93.5 70.3 110.3



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: 39.834 ng

RT: 6.55 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

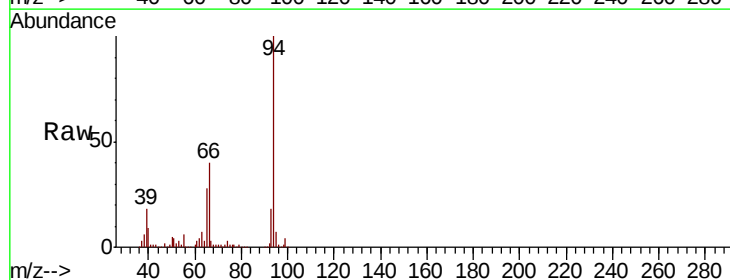
Tgt Ion: 94 Resp: 546657

Ion Ratio Lower Upper

94 100

65 28.2 8.1 48.1

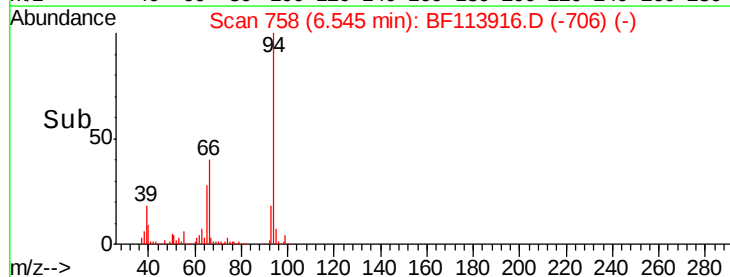
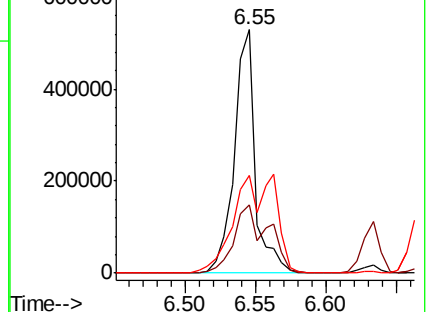
66 40.0 16.6 56.6

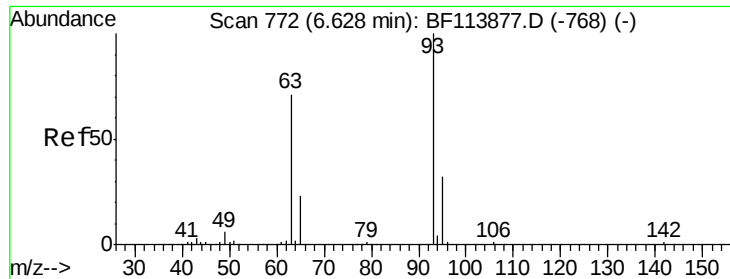


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.532 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

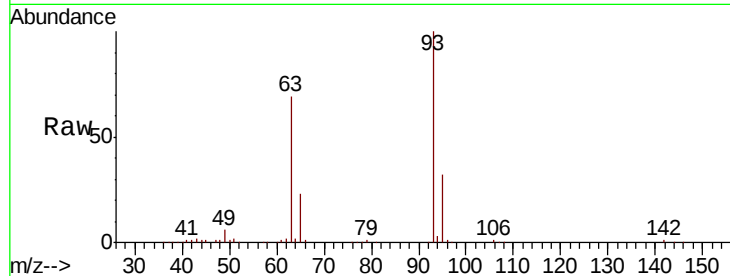
Tot Ion: 93 Resp: 408239

Ion Ratio Lower Upper

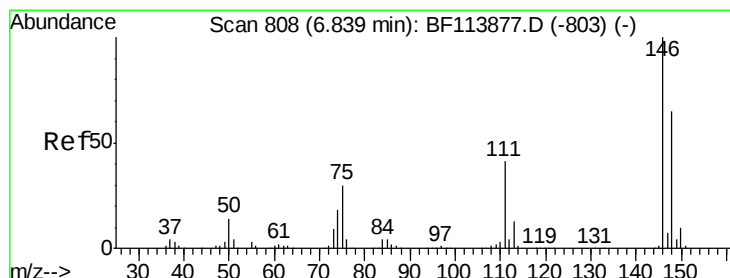
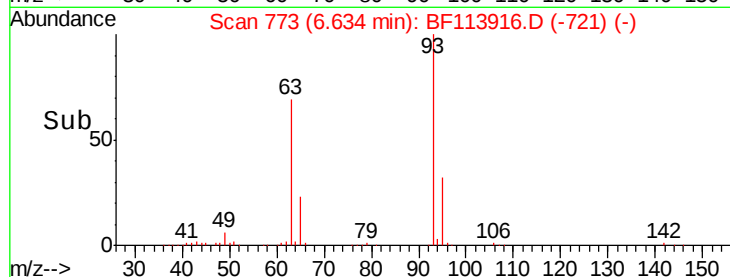
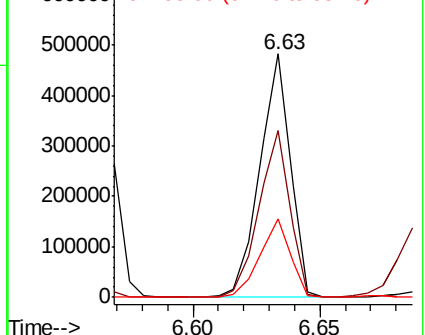
93 100

63 68.7 50.7 90.7

95 32.1 12.3 52.3



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



#12

1,3-Dichlorobenzene

Concen: 40.050 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

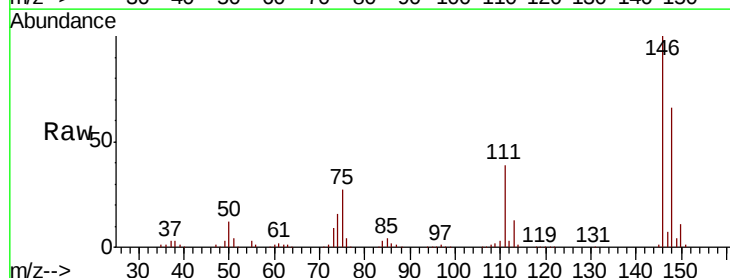
Tgt Ion: 146 Resp: 473715

Ion Ratio Lower Upper

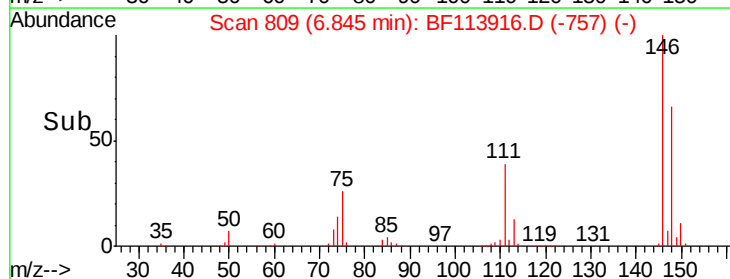
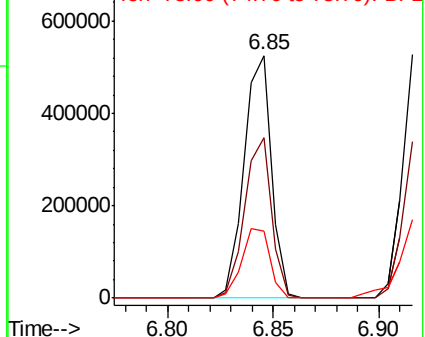
146 100

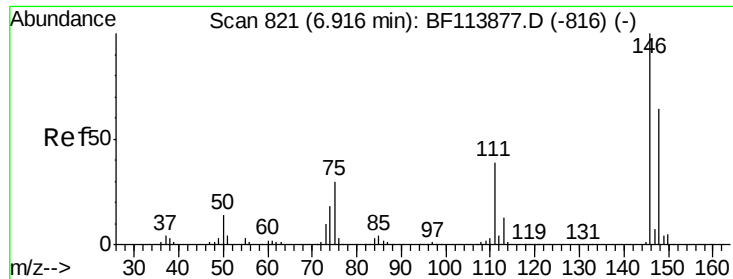
148 66.1 51.0 76.6

75 27.5 23.8 35.8



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

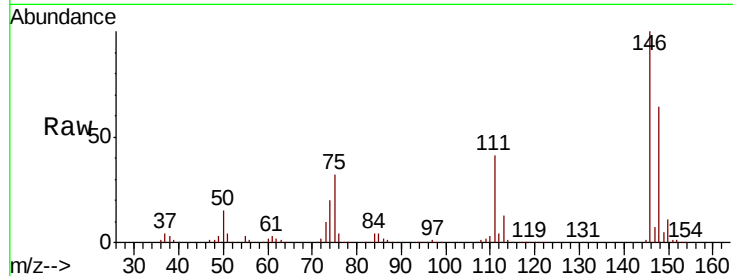




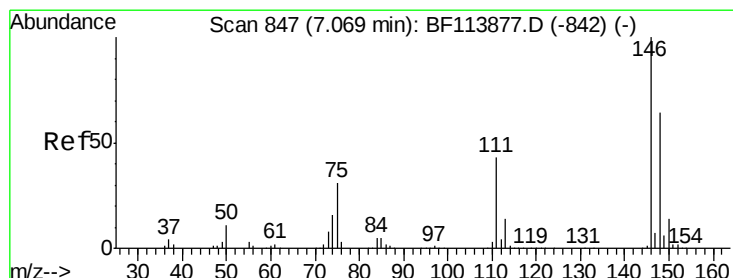
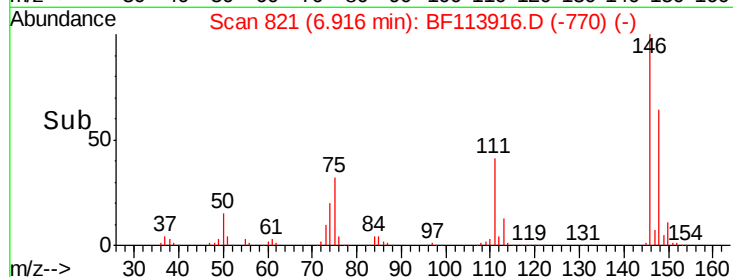
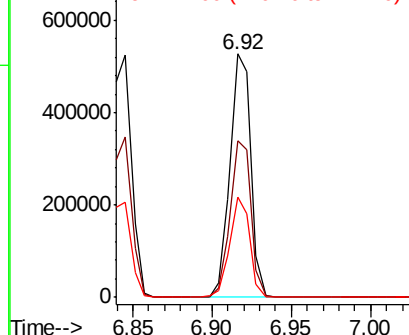
#13
 1,4-Dichlorobenzene
 Concen: 40.307 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 479520
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.8 77.8
 111 41.1 30.9 46.3

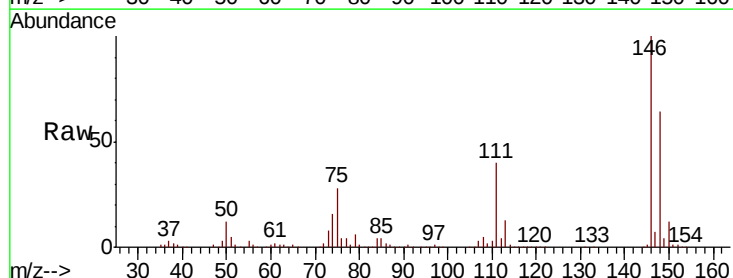


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

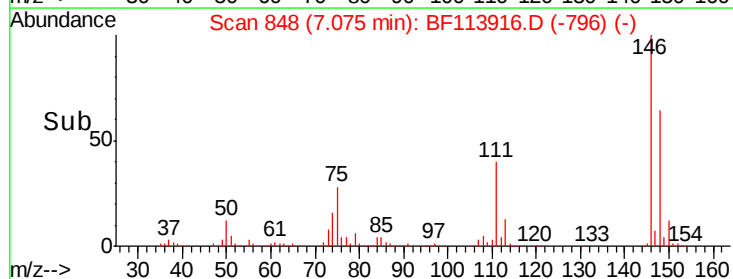
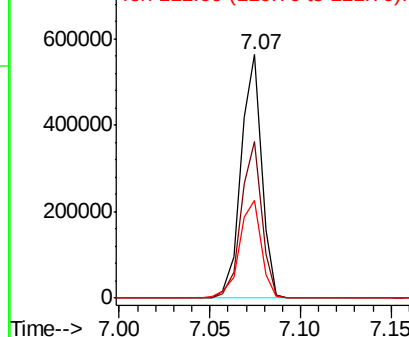


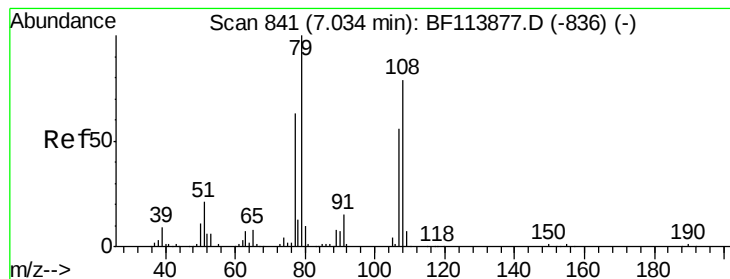
#14
 1,2-Dichlorobenzene
 Concen: 40.704 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:146 Resp: 445036
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 40.1 34.2 51.4



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





#15

Benzyl Alcohol

Concen: 36.533 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampled :

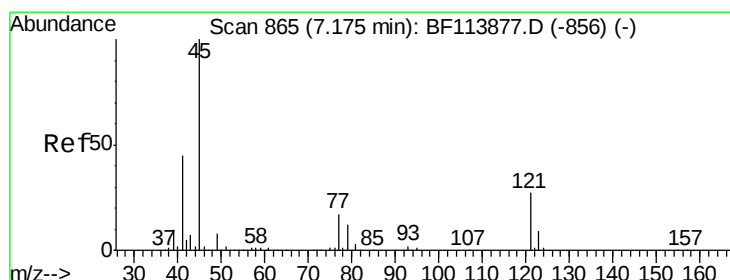
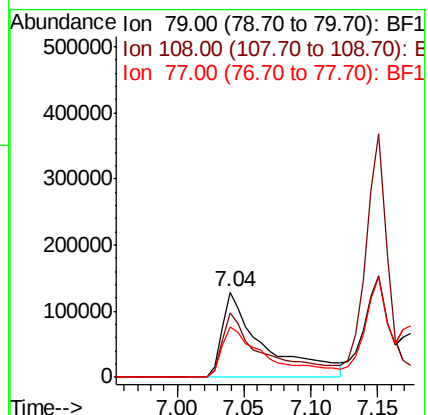
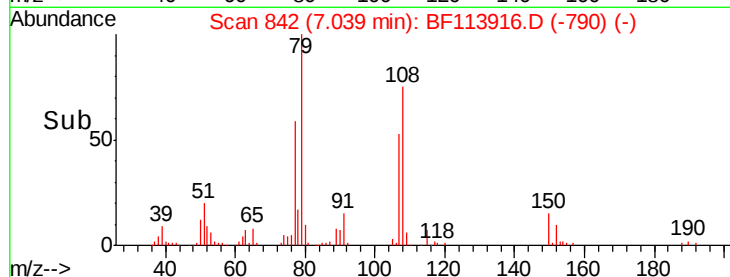
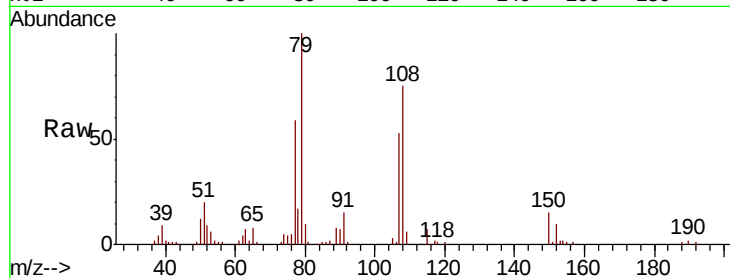
Tot Ion: 79 Resp: 282379

Ion Ratio Lower Upper

79 100

108 75.3 61.4 92.0

77 59.3 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.519 ng

RT: 7.17 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

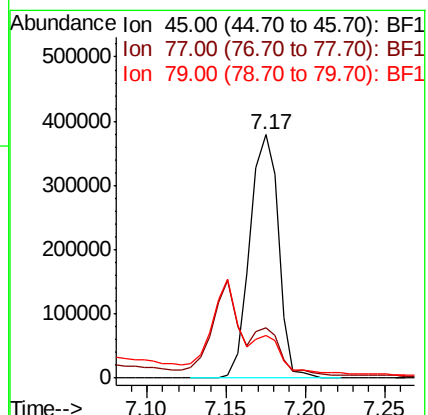
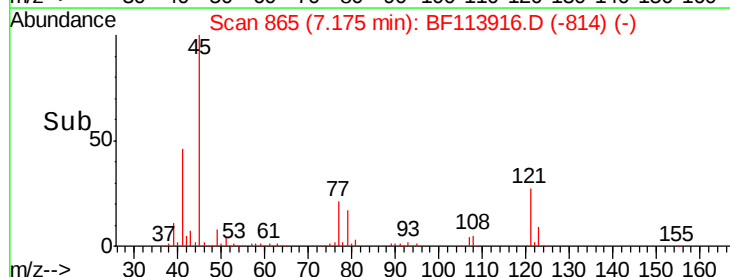
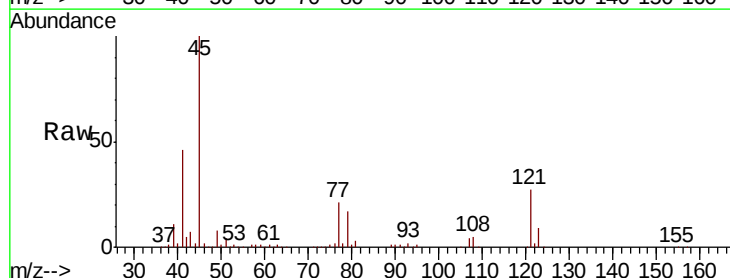
Tgt Ion: 45 Resp: 476408

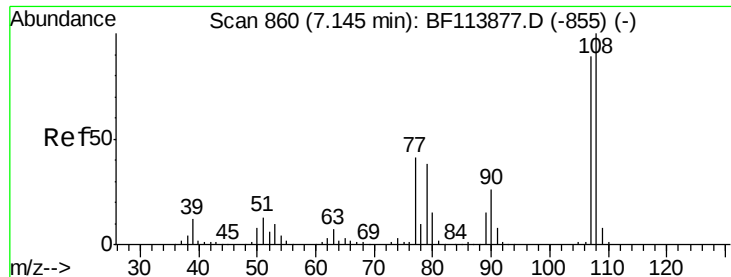
Ion Ratio Lower Upper

45 100

77 20.7 0.0 37.0

79 17.5 0.0 32.7

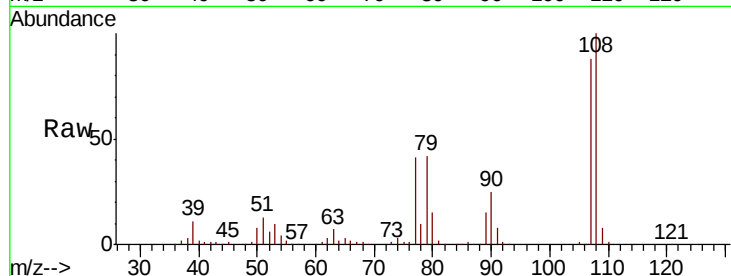




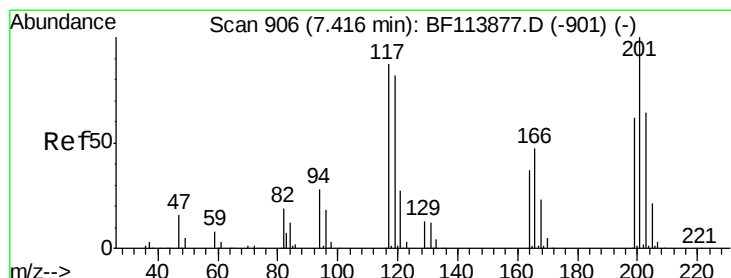
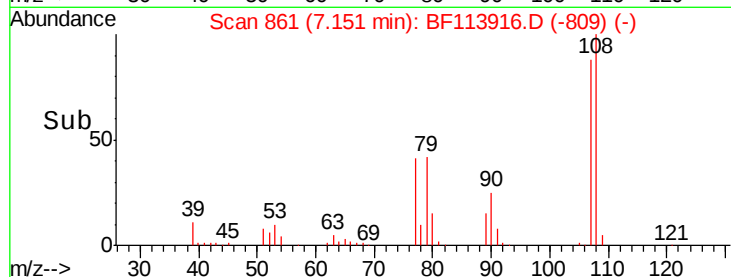
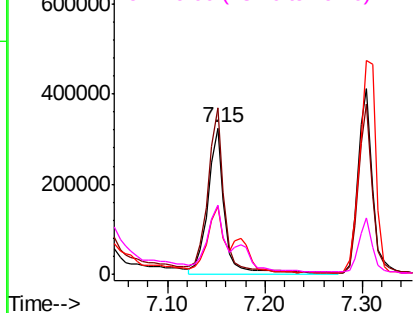
#17
2-Methylphenol
Concen: 42.524 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	389284
Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.5	137.3
77	46.8	36.2	54.4
79	47.3	35.4	53.0

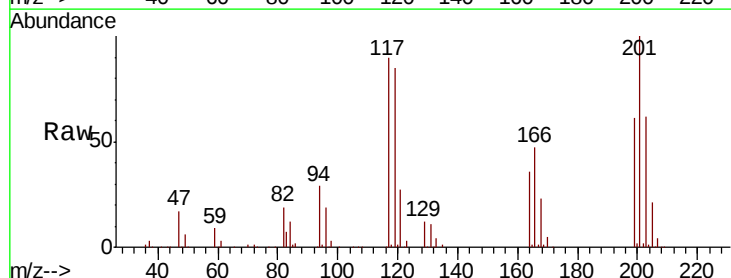


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

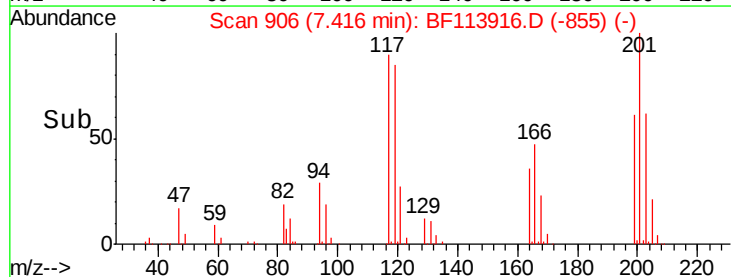
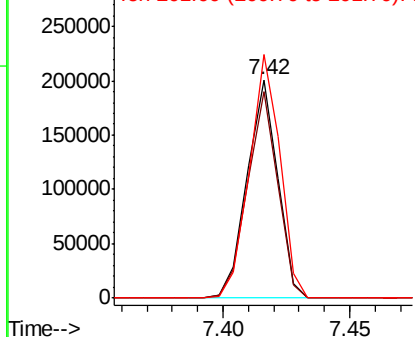


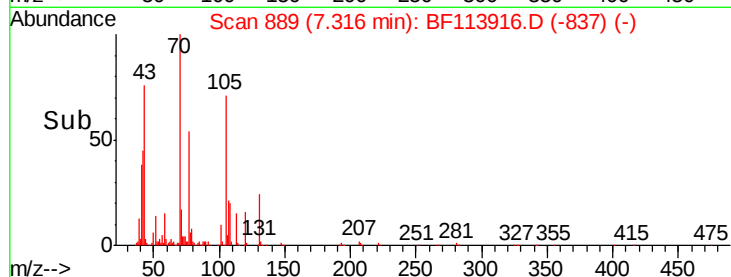
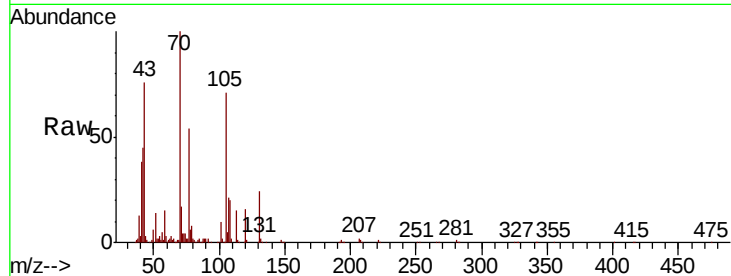
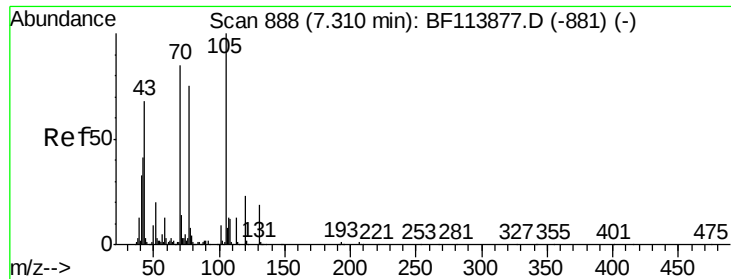
#18
Hexachloroethane
Concen: 40.473 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:	117	Resp:	168787
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.4	111.6
201	111.5	90.2	135.2



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

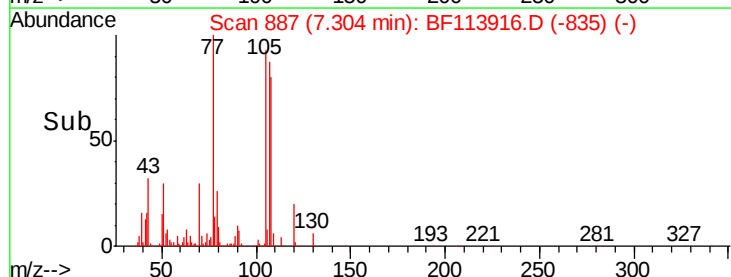
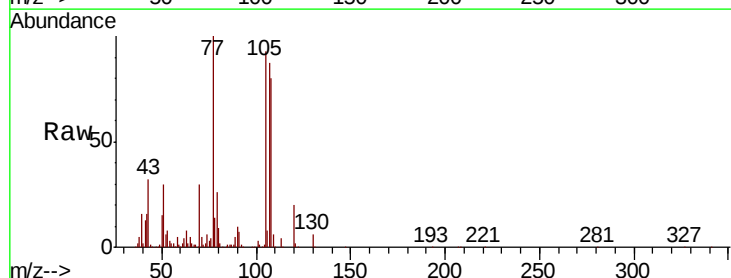
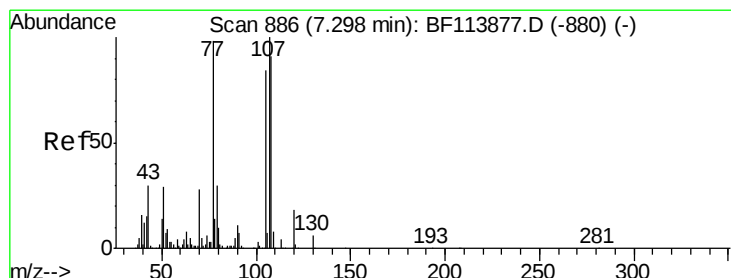
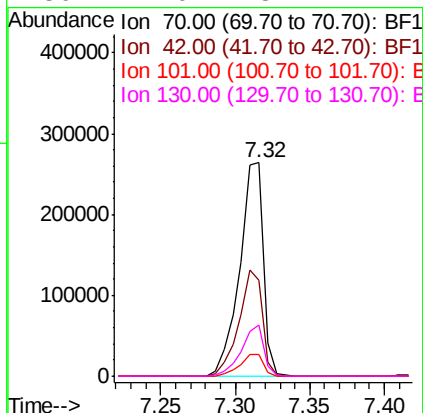




#19
n-Nitroso-di-n-propylamine
Concen: 39.504 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

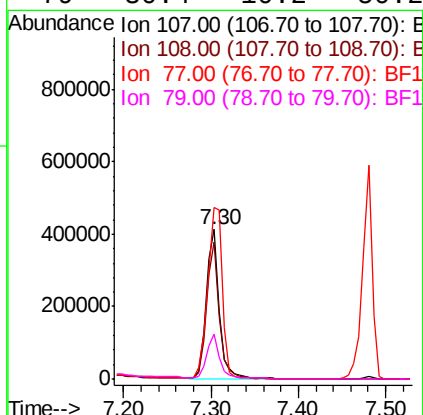
Instrument :
BNA_F
ClientSampleId :

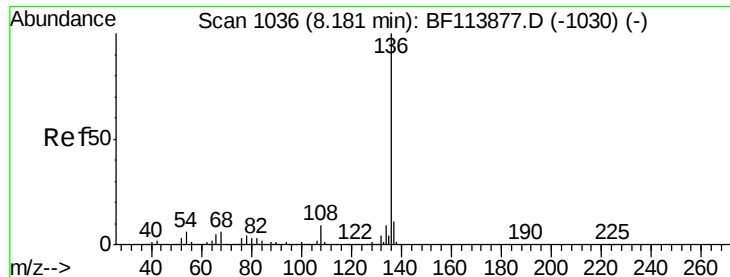
Tot Ion:	70	Resp:	293597
Ion	Ratio	Lower	Upper
70	100		
42	44.8	37.3	55.9
101	10.4	7.8	11.8
130	24.0	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.444 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:	107	Resp:	428650
Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.1	110.1
77	114.9	52.9	92.9#
79	30.4	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 623757

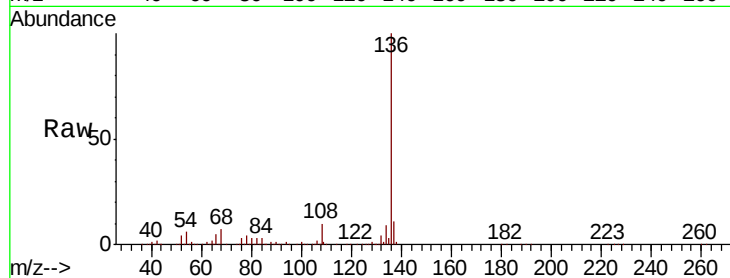
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 6.4 5.0 7.6

68 6.5 4.9 7.3

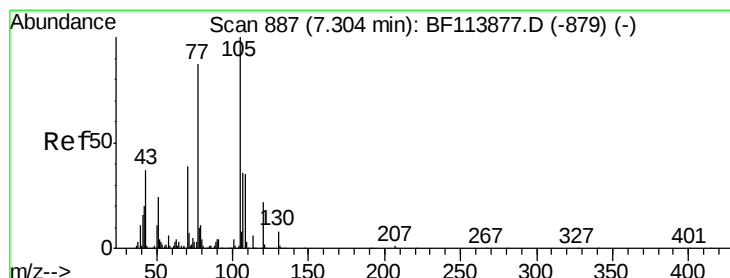
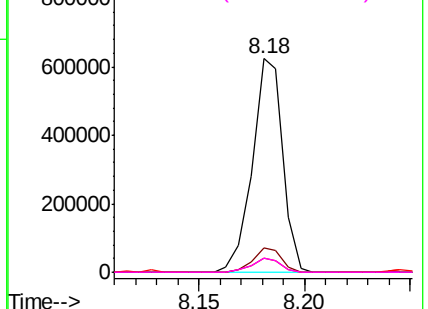
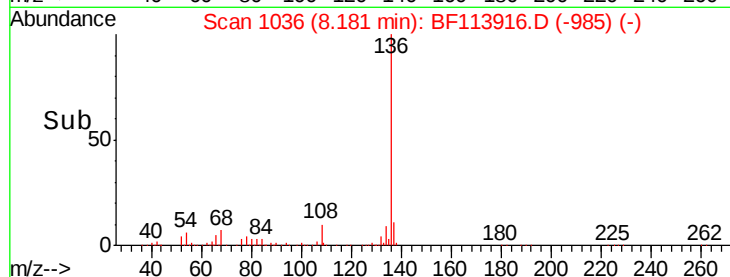


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.949 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Tgt Ion:105 Resp: 554512

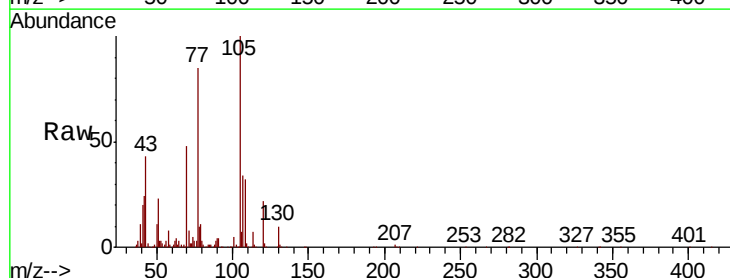
Ion Ratio Lower Upper

105 100

71 7.9 6.1 9.1

51 22.9 16.8 25.2

120 22.0 17.6 26.4

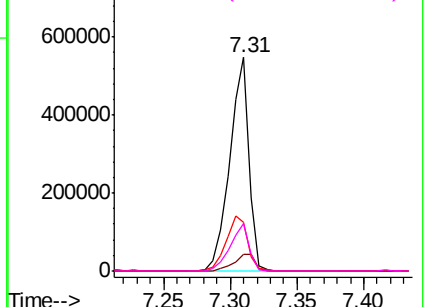
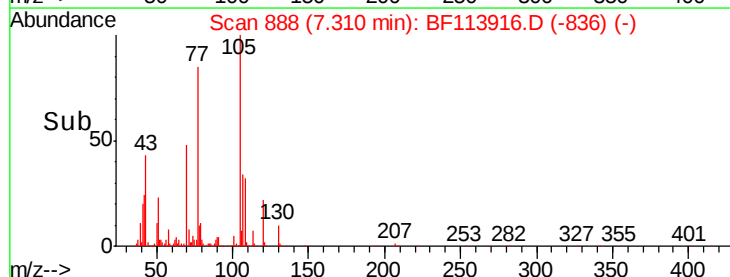


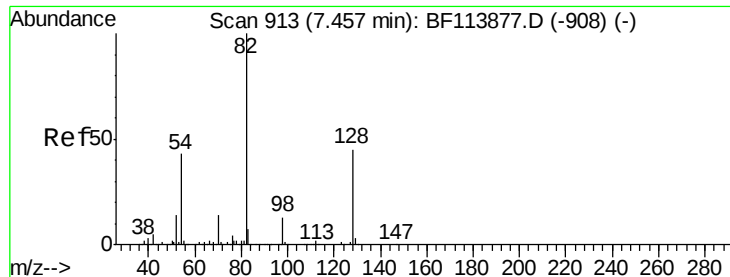
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

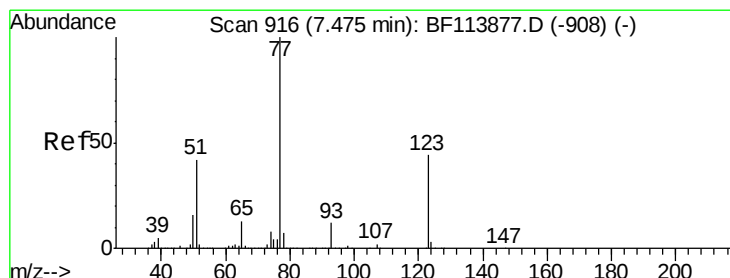
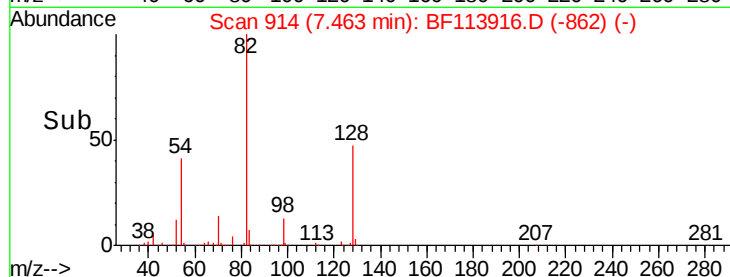
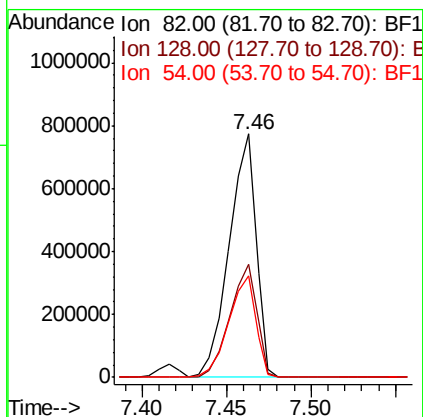
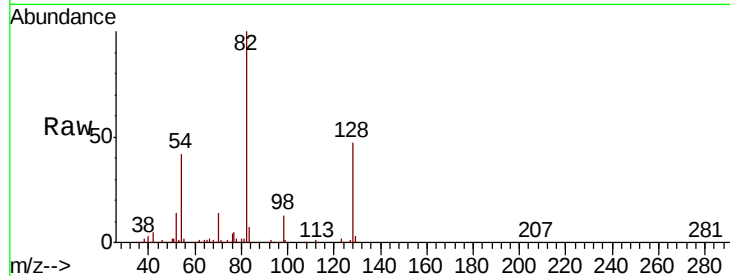




#23
 Nitrobenzene-d5
 Concen: 84.924 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

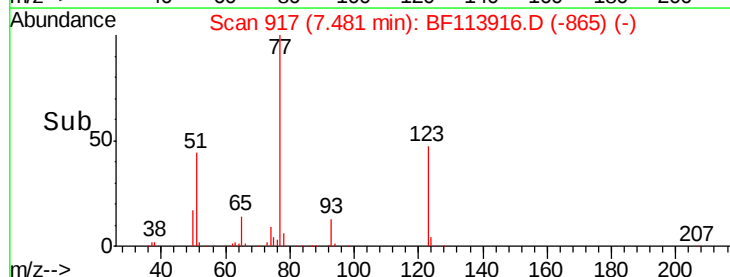
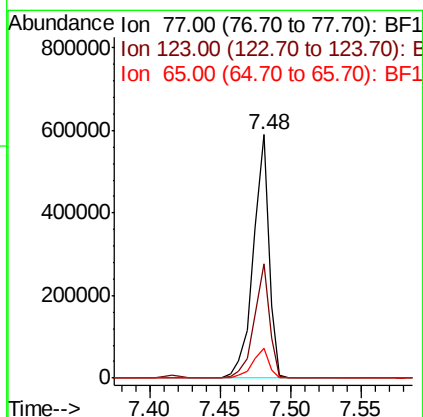
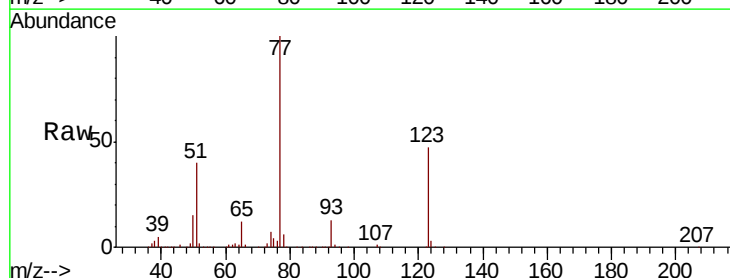
Instrument :
 BNA_F
 ClientSampleId :

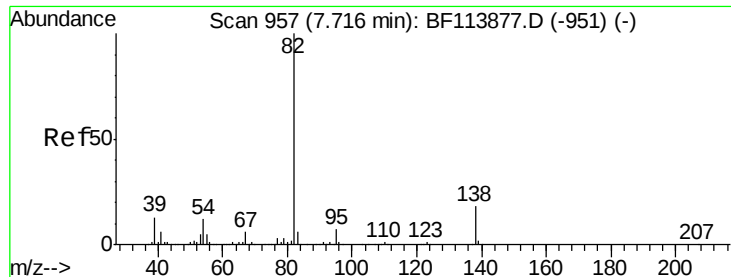
Tot Ion	82	Resp	857934
Ion Ratio	Lower	Upper	
82	100		
128	46.7	36.8	55.2
54	41.7	33.8	50.6



#24
 Nitrobenzene
 Concen: 41.530 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion	77	Resp	463583
Ion Ratio	Lower	Upper	
77	100		
123	46.8	36.3	54.5
65	12.3	10.3	15.5





#25

Isophorone

Concen: 39.646 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

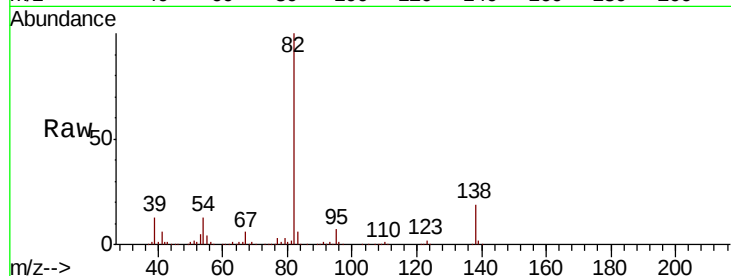
Tot Ion: 82 Resp: 819518

Ion Ratio Lower Upper

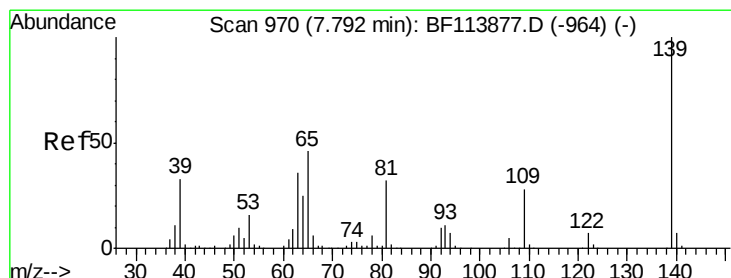
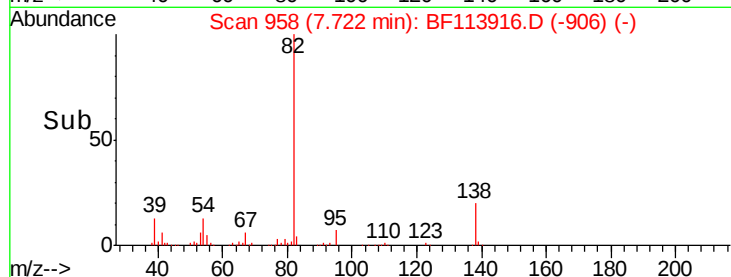
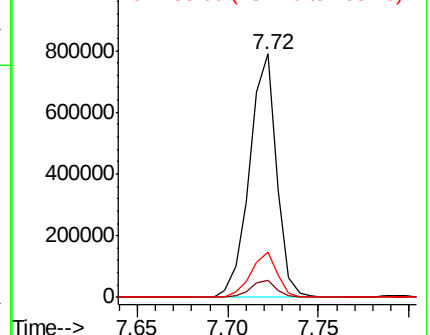
82 100

95 6.9 5.4 8.2

138 18.8 14.6 22.0



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: 46.022 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

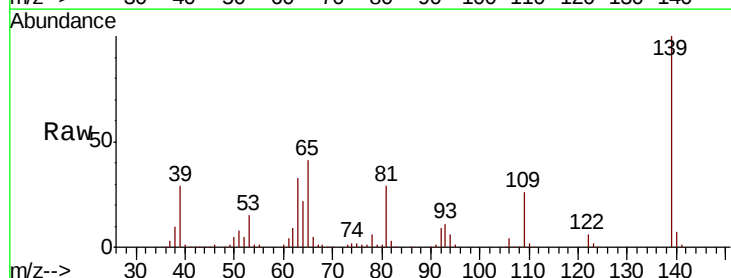
Tgt Ion: 139 Resp: 234364

Ion Ratio Lower Upper

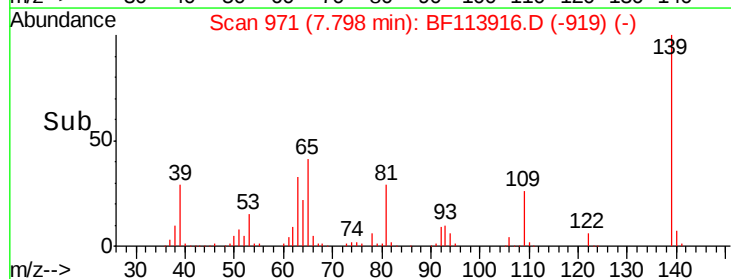
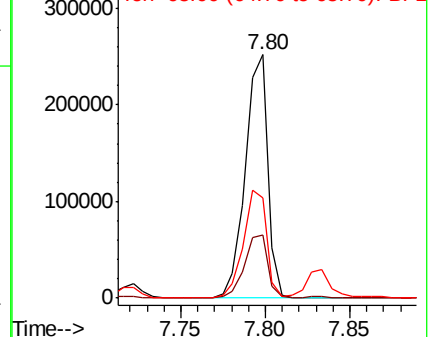
139 100

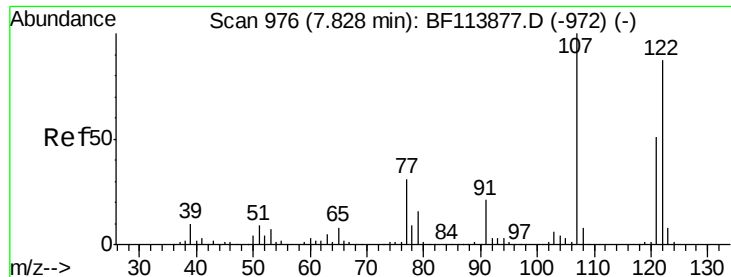
109 26.0 20.6 31.0

65 41.3 34.6 52.0



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

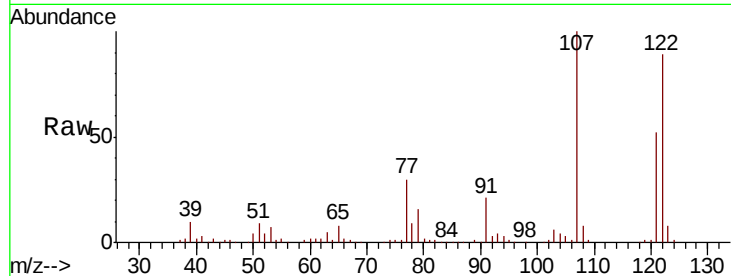




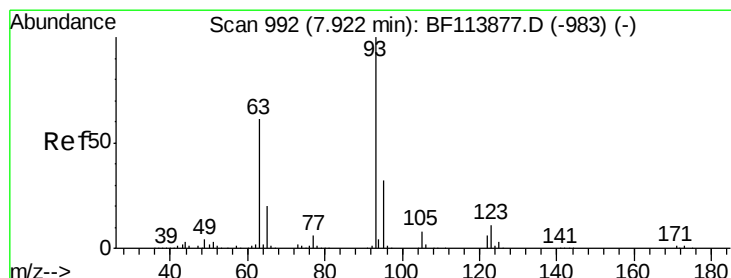
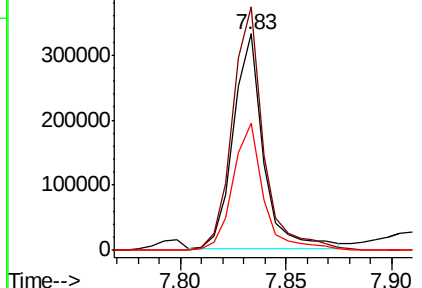
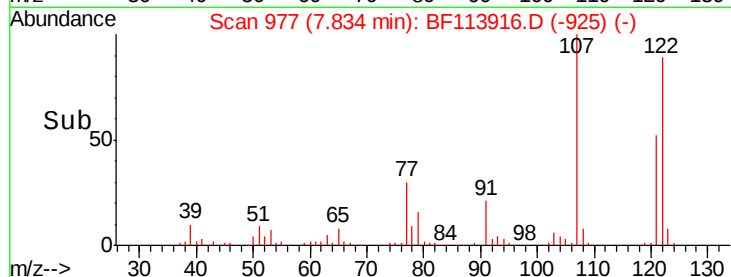
#27
 2,4-Dimethylphenol
 Concen: 39.142 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 324761
 Ion Ratio Lower Upper
 122 100
 107 112.4 91.2 136.8
 121 58.8 46.4 69.6

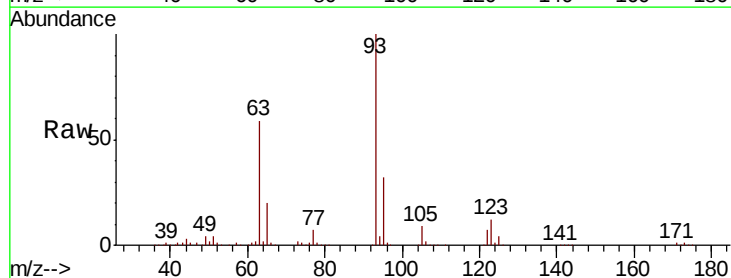


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

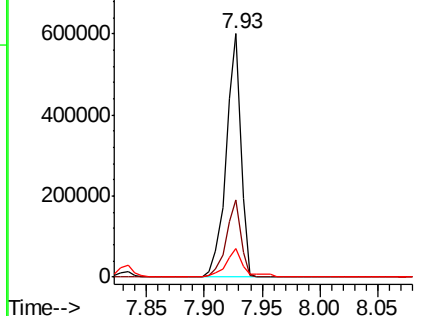
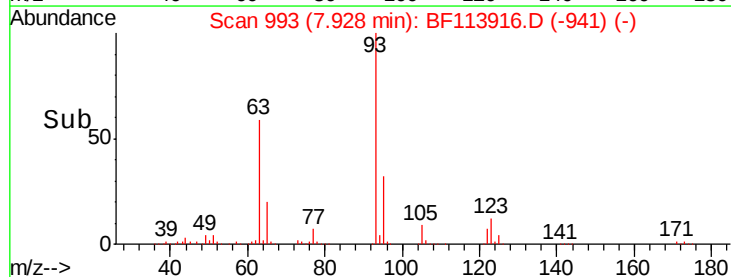


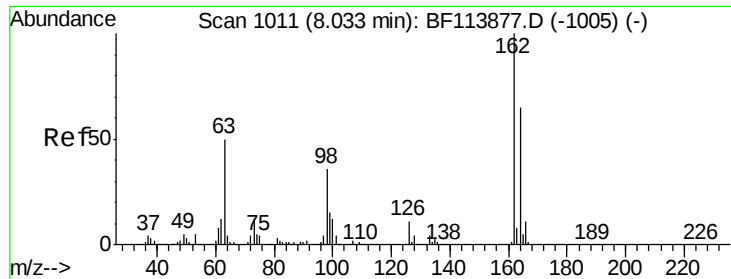
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.159 ng
 RT: 7.93 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion: 93 Resp: 528976
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.8 38.6
 123 11.7 9.0 13.6



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

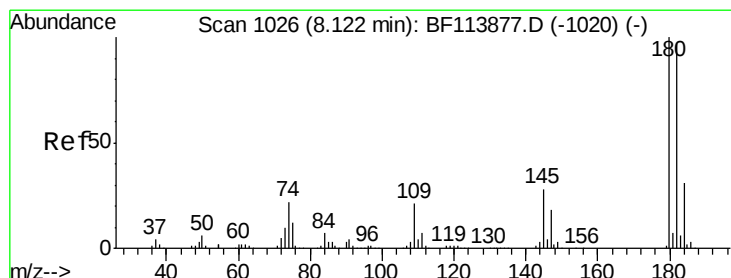
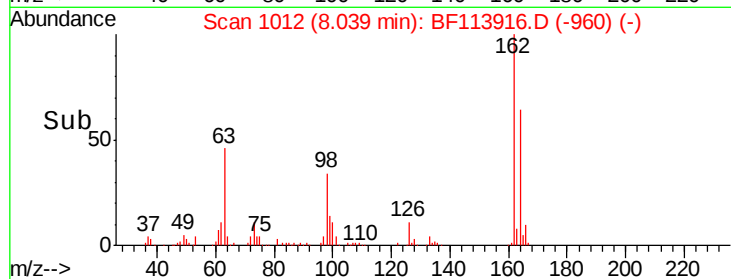
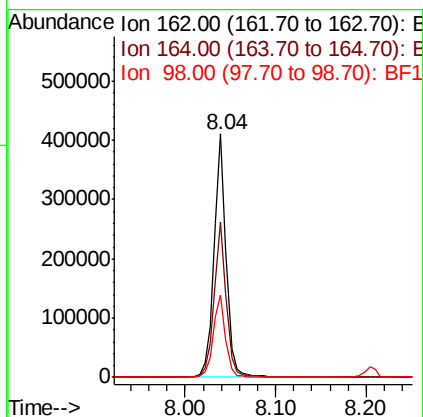
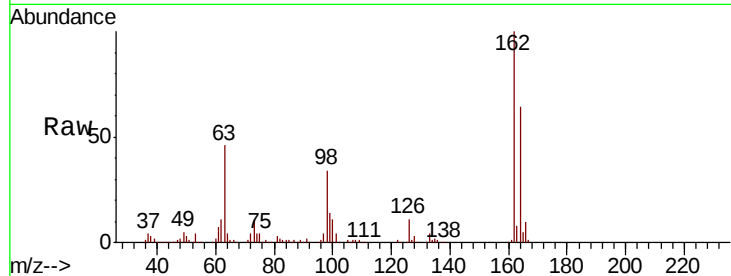




#29
2,4-Dichlorophenol
Concen: 40.638 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

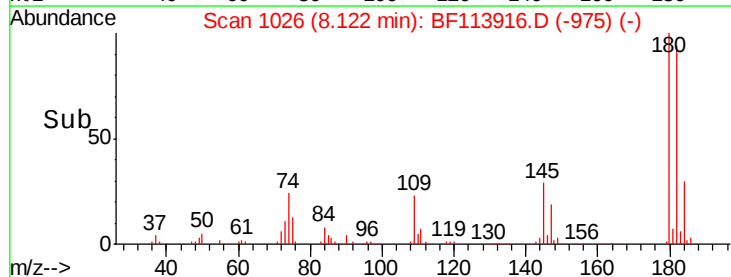
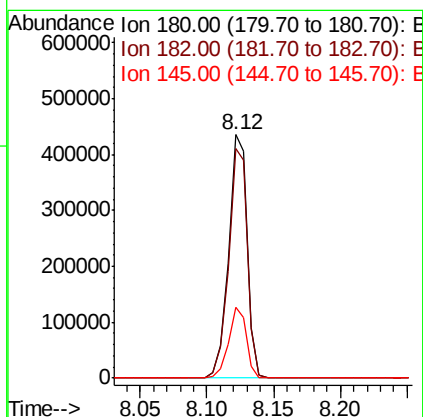
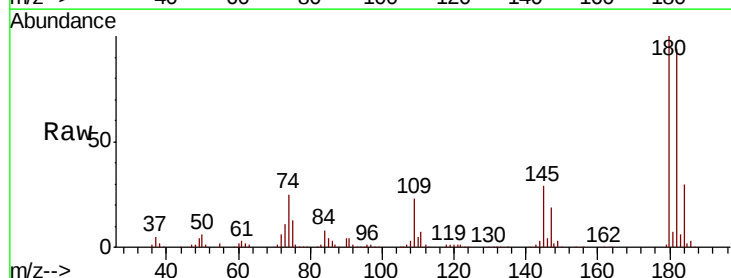
Instrument :
BNA_F
ClientSampleId :

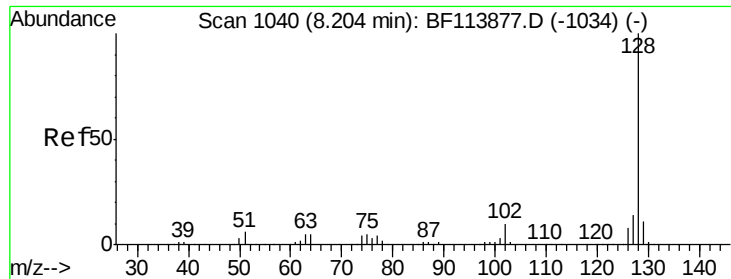
Tot Ion:162 Resp: 385567
Ion Ratio Lower Upper
162 100
164 63.7 43.7 83.7
98 34.0 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 40.547 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:180 Resp: 428952
Ion Ratio Lower Upper
180 100
182 94.0 75.4 113.0
145 29.0 23.0 34.4

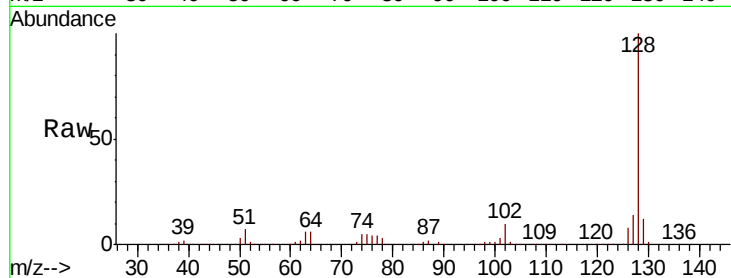




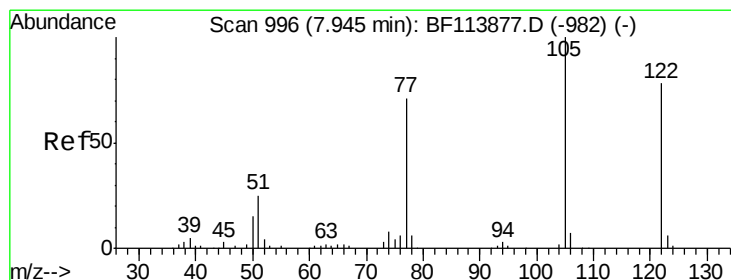
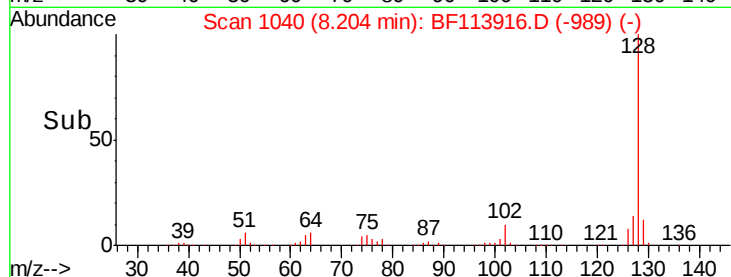
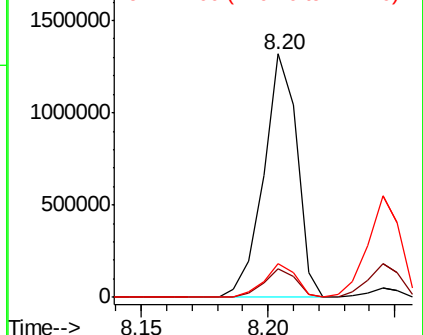
#31
Naphthalene
Concen: 40.710 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1206305
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.6 10.8 16.2

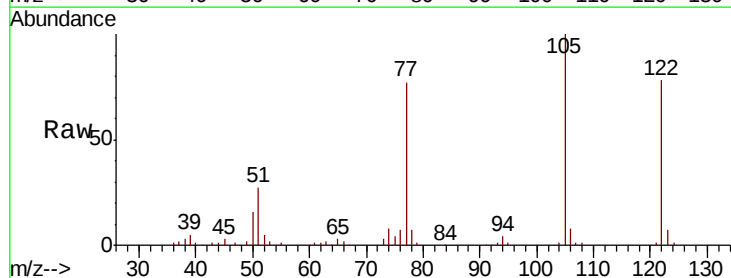


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

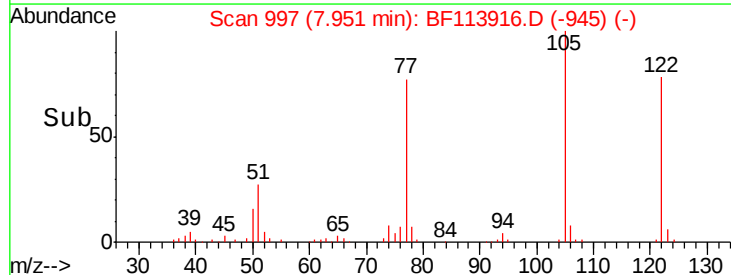
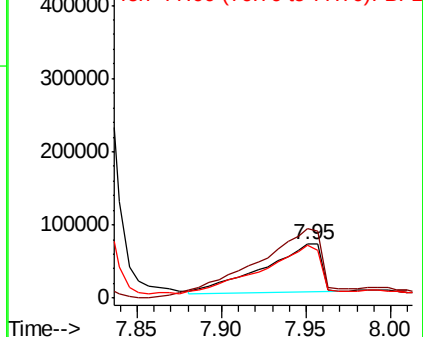


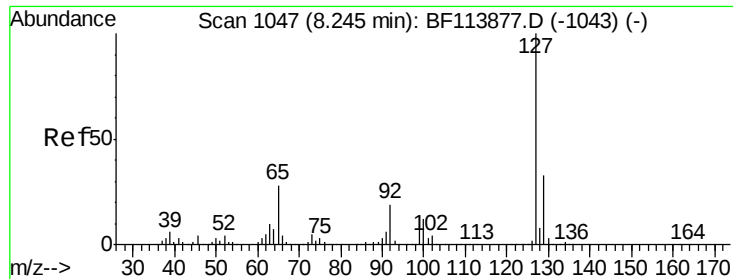
#32
Benzoic acid
Concen: 28.326 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:122 Resp: 158714
Ion Ratio Lower Upper
122 100
105 127.6 104.3 144.3
77 97.7 70.4 110.4



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

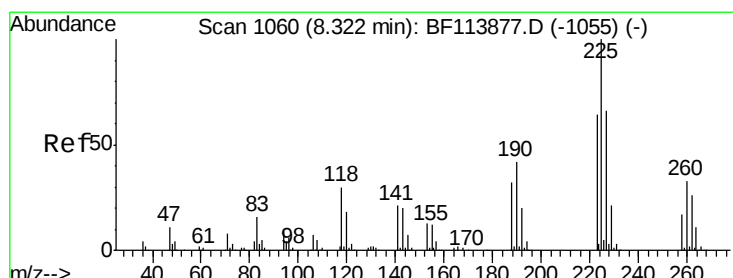
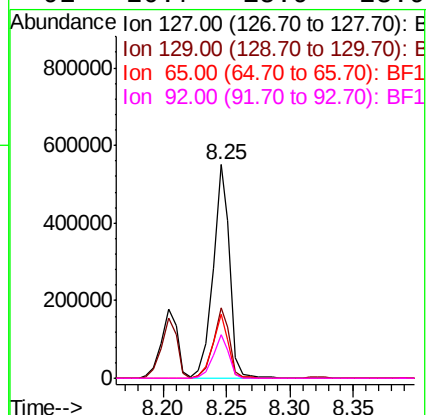
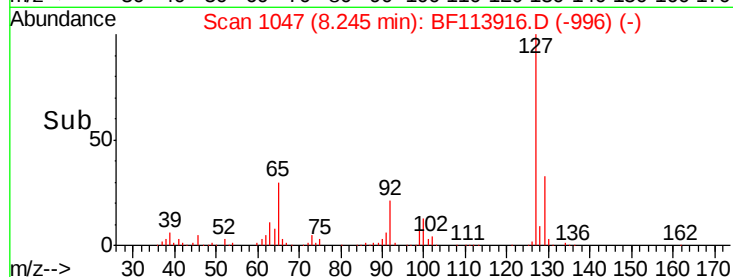
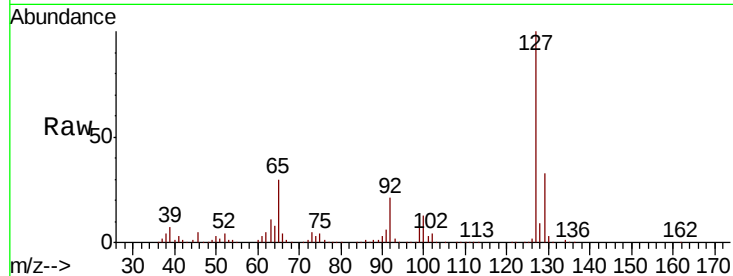




#33
4-Chloroaniline
Concen: 40.263 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

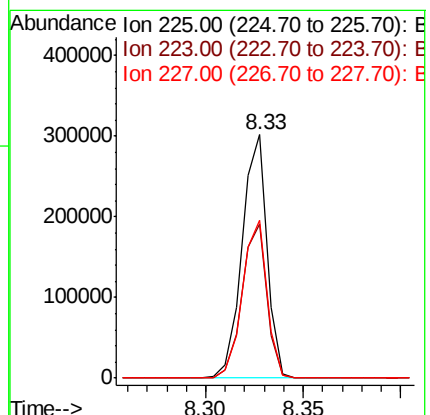
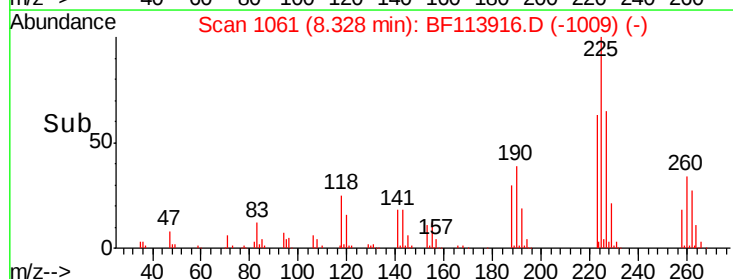
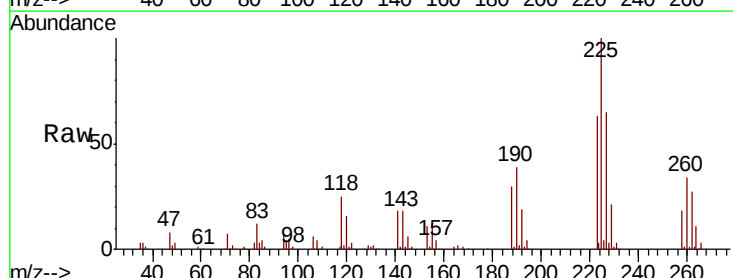
Instrument :
BNA_F
ClientSampleId :

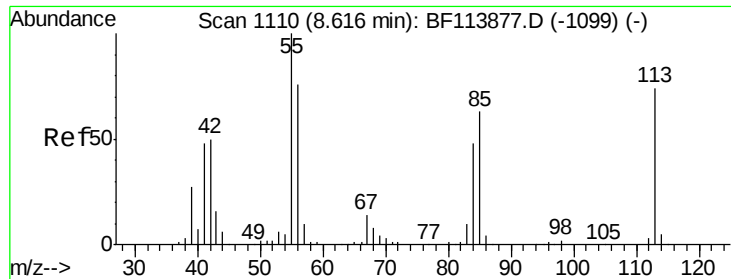
Tot Ion:	127	Resp:	504828
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	30.2	24.9	37.3
92	20.7	15.9	23.9



#34
Hexachlorobutadiene
Concen: 40.353 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:	225	Resp:	266124
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.1	76.7
227	64.9	49.9	74.9

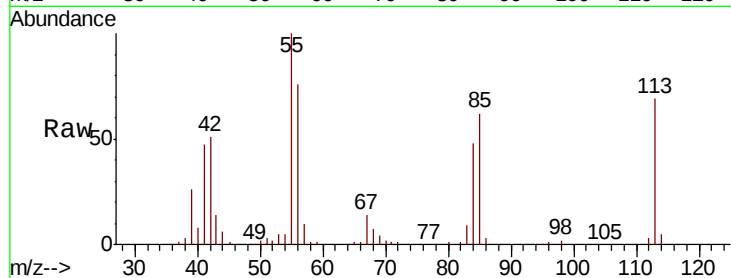




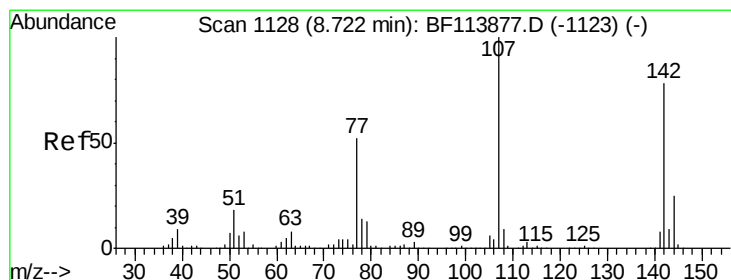
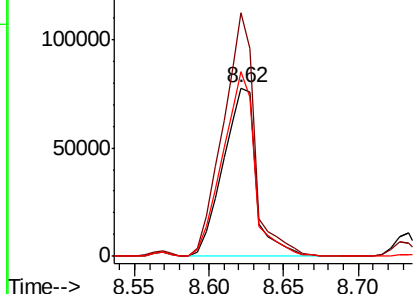
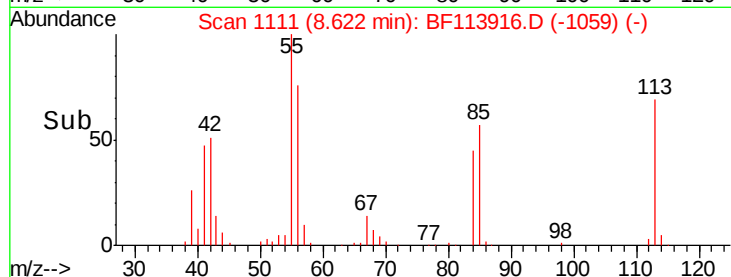
#35
 Caprolactam
 Concen: 39.973 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 120646
 Ion Ratio Lower Upper
 113 100
 55 144.5 128.6 168.6
 56 109.7 91.9 131.9

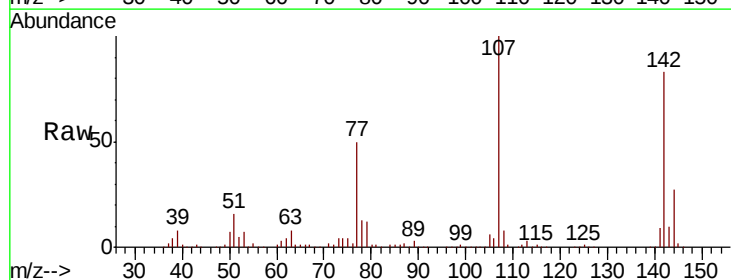


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

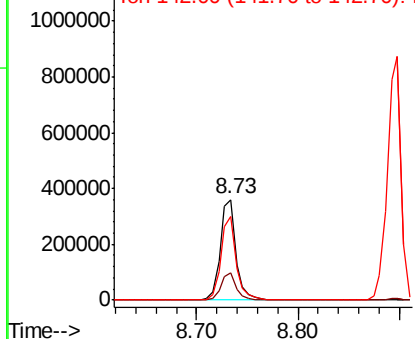
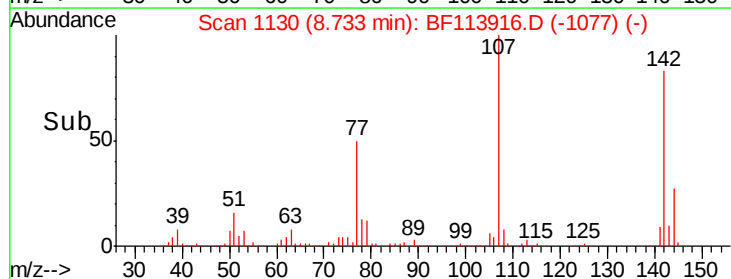


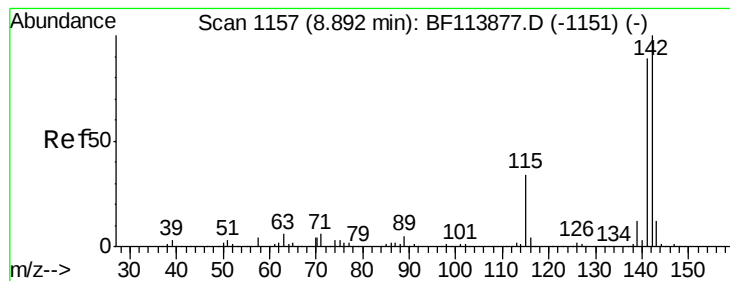
#36
 4-Chloro-3-methylphenol
 Concen: 41.105 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:107 Resp: 386378
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 83.4 64.2 96.4



Abundance Ion 107.00 (106.70 to 107.70): E
 1200000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

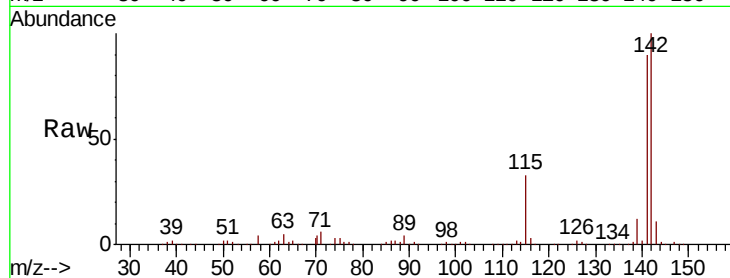




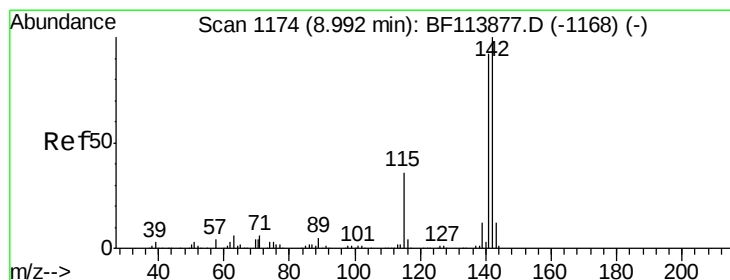
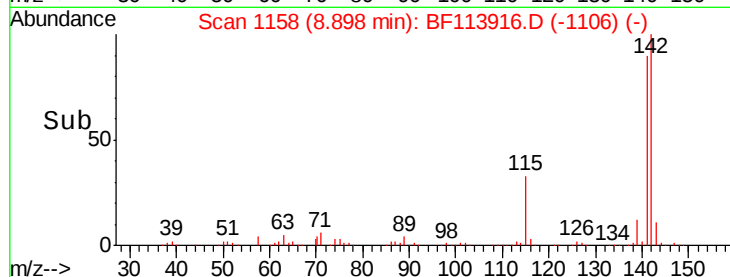
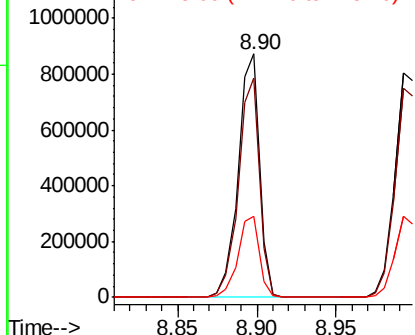
#37
2-Methylnaphthalene
Concen: 40.702 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 813314
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6
115 33.3 26.3 39.5

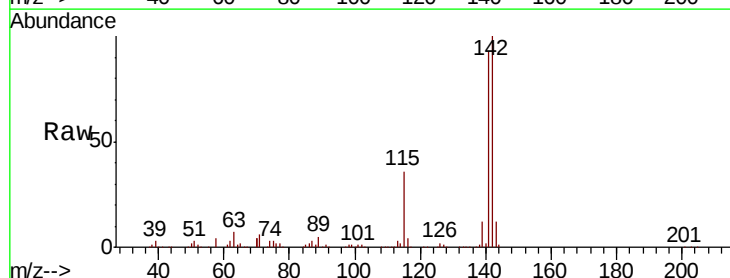


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

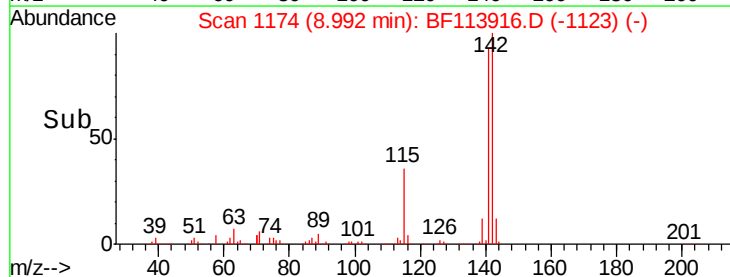
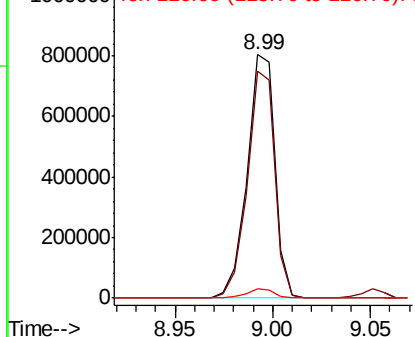


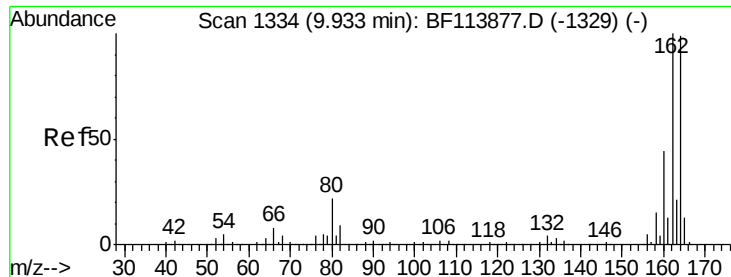
#38
1-Methylnaphthalene
Concen: 40.896 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:142 Resp: 788724
Ion Ratio Lower Upper
142 100
141 93.3 72.3 108.5
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampled :

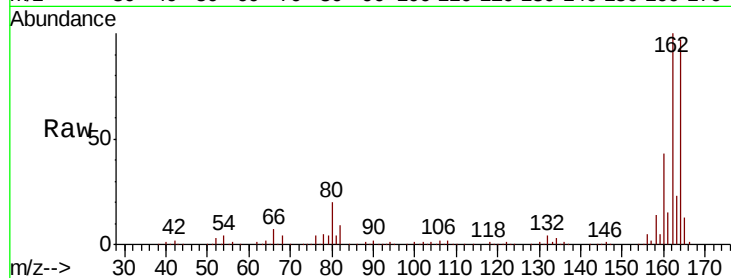
Tot Ion:164 Resp: 333354

Ion Ratio Lower Upper

164 100

162 102.8 81.1 121.7

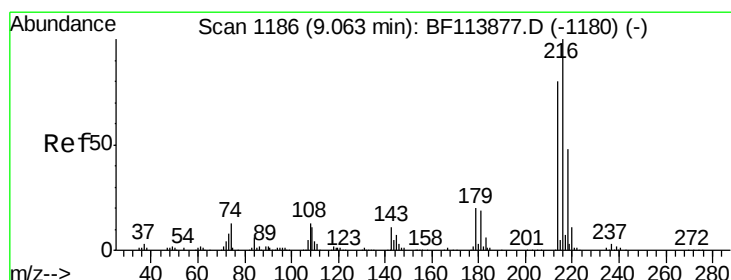
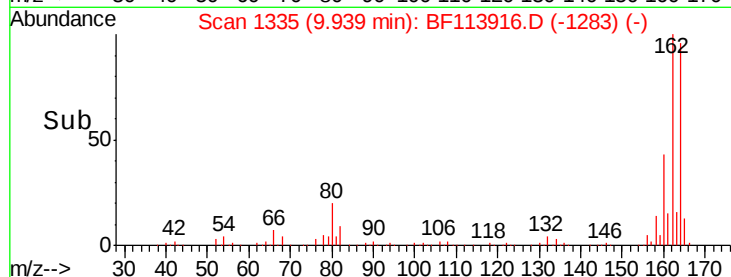
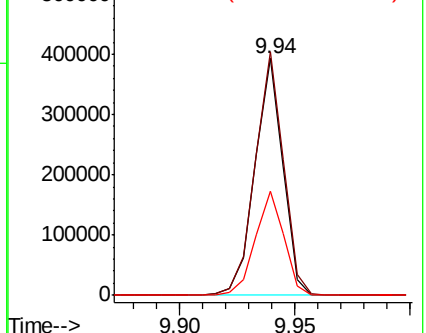
160 43.9 35.8 53.6



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: 40.251 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Tgt Ion:216 Resp: 435858

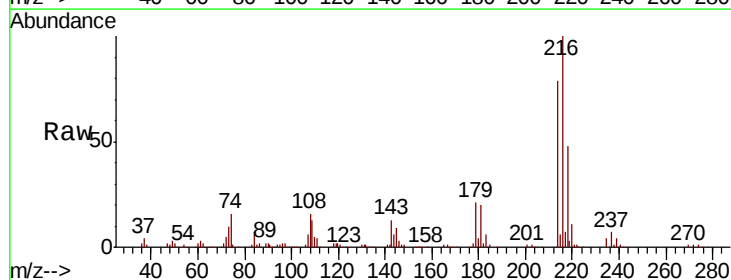
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 20.8 16.1 24.1

108 16.4 13.4 20.0

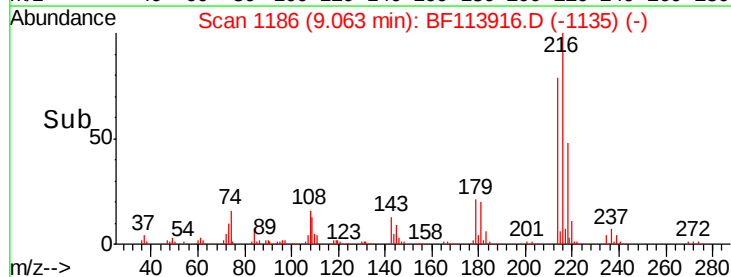
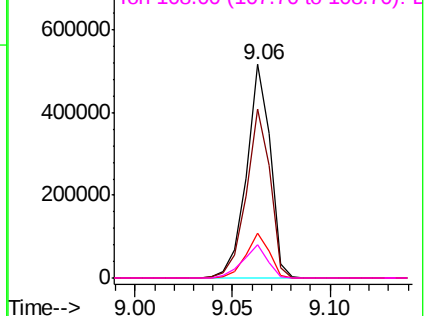


Abundance Ion 216.00 (215.70 to 216.70): E

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

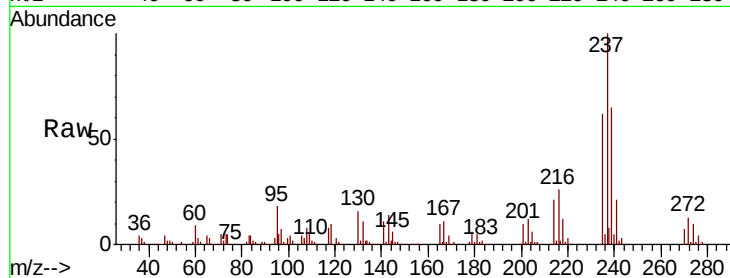




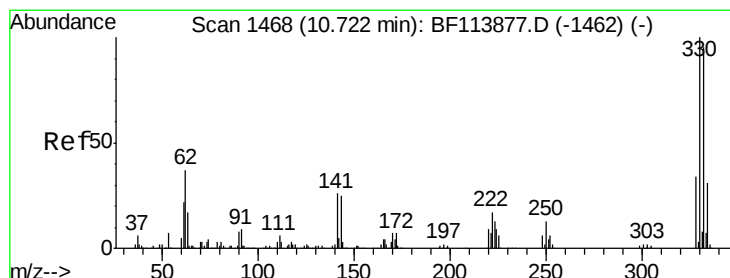
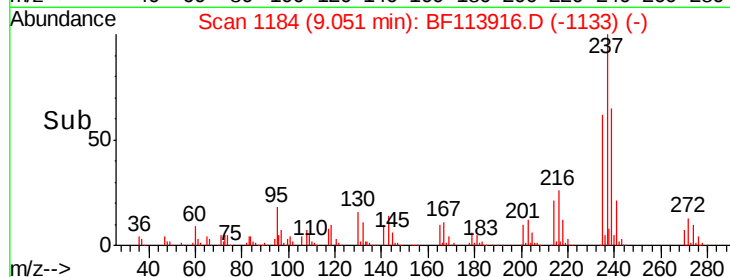
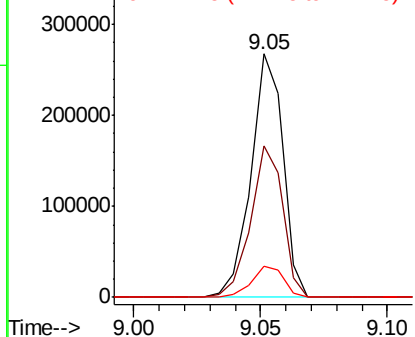
#41
Hexachlorocyclopentadiene
Concen: 39.145 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.1	42.6	82.6
272	12.8	0.0	33.8

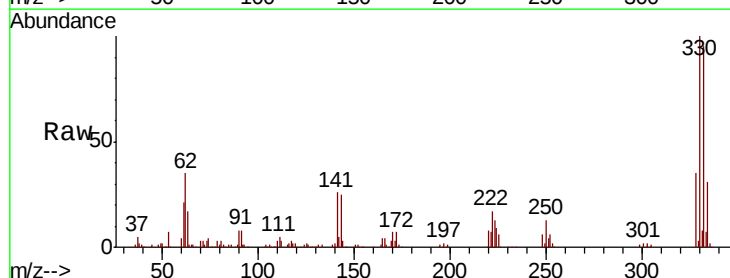


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

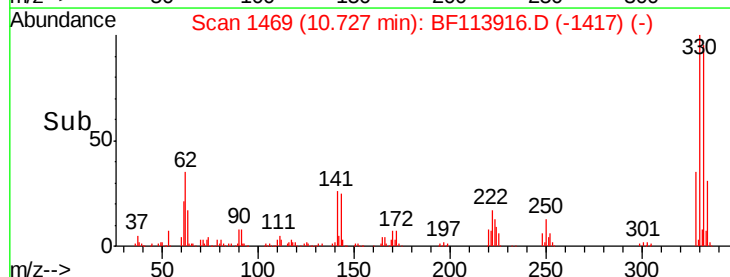
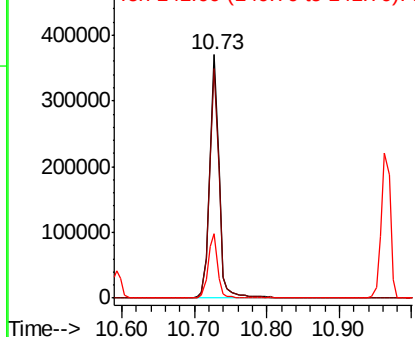


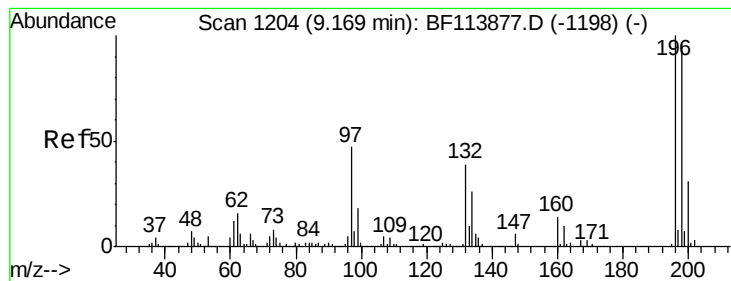
#42
2,4,6-Tribromophenol
Concen: 82.857 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.5	116.3
141	26.8	22.2	33.2



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: 40.663 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

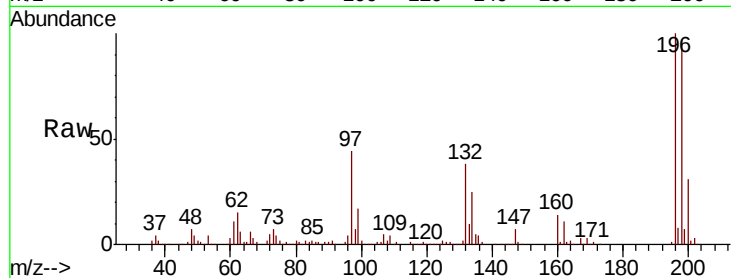
Tot Ion:196 Resp: 279599

Ion Ratio Lower Upper

196 100

198 97.1 75.6 113.4

200 31.2 24.7 37.1

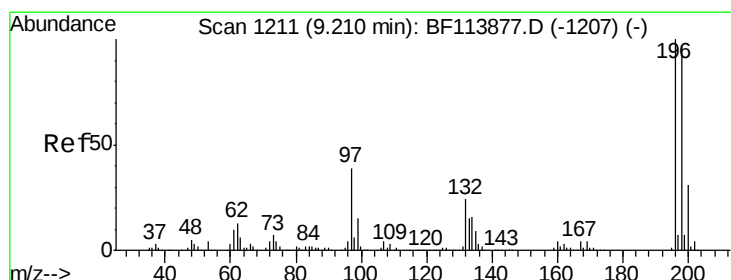
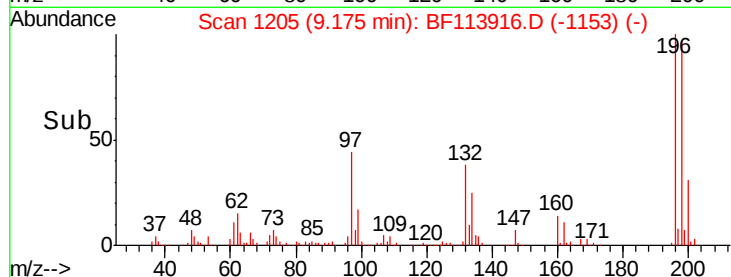
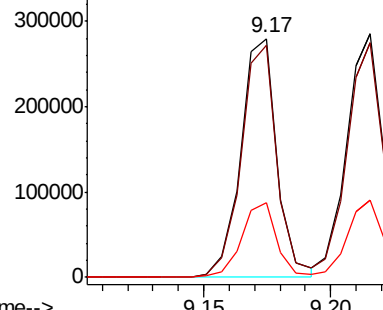


Abundance

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: 40.869 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Tgt Ion:196 Resp: 315202

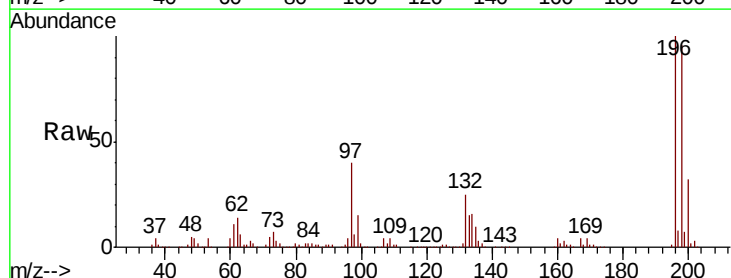
Ion Ratio Lower Upper

196 100

198 96.5 76.2 114.4

97 40.0 35.8 53.8

132 24.9 20.9 31.3



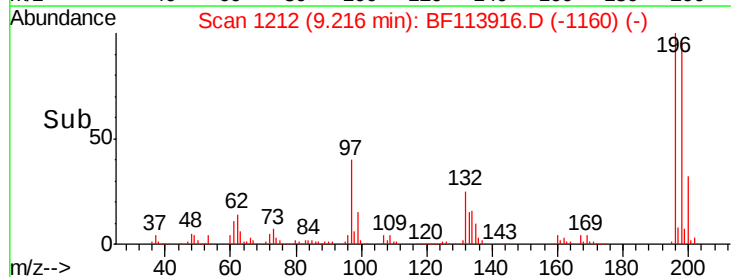
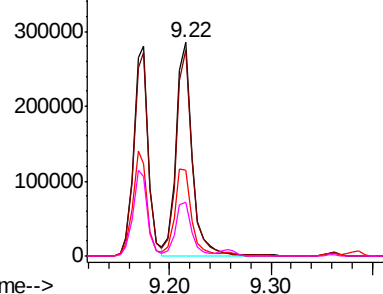
Abundance

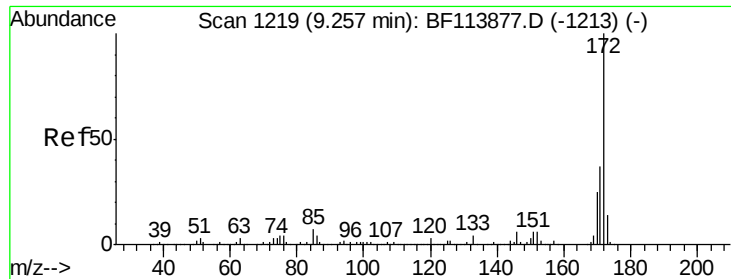
Ion 196.00 (195.70 to 196.70): E

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

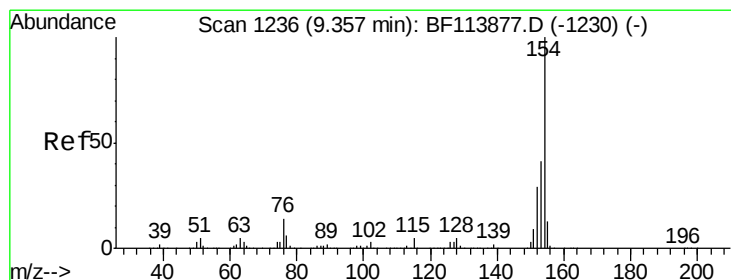
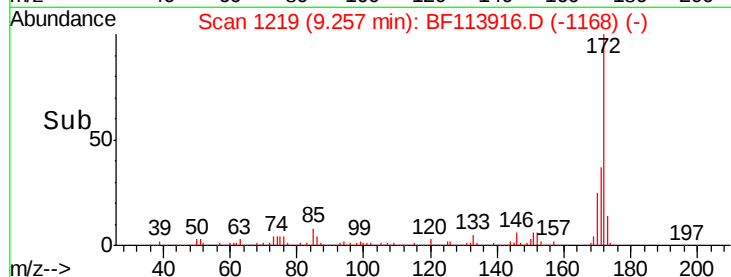
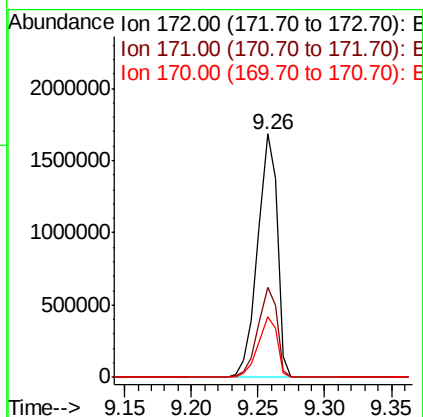
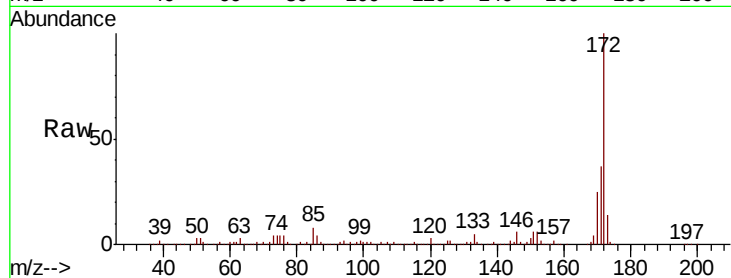




#45
2-Fluorobiphenyl
Concen: 79.201 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

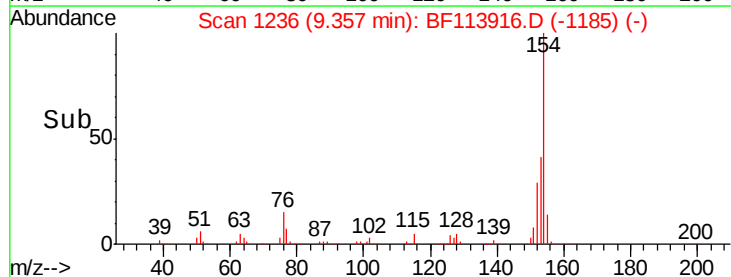
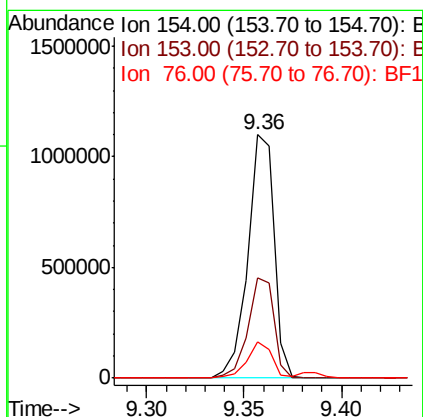
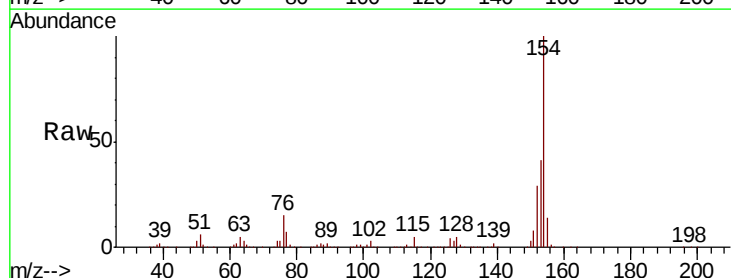
Instrument :
BNA_F
ClientSampleId :

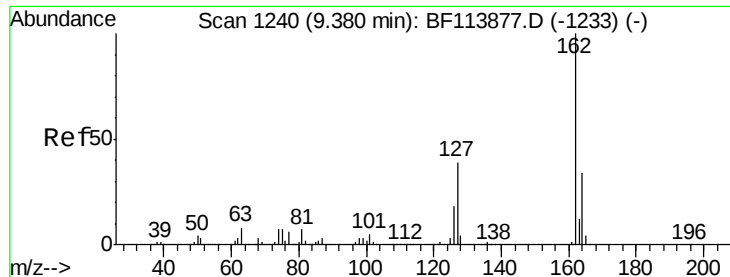
Tot Ion:172 Resp: 1688076
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.8 19.9 29.9



#46
1,1'-Biphenyl
Concen: 40.337 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:154 Resp: 1027224
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 14.7 0.0 35.2

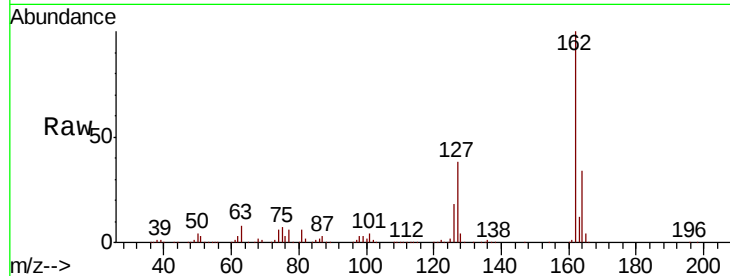




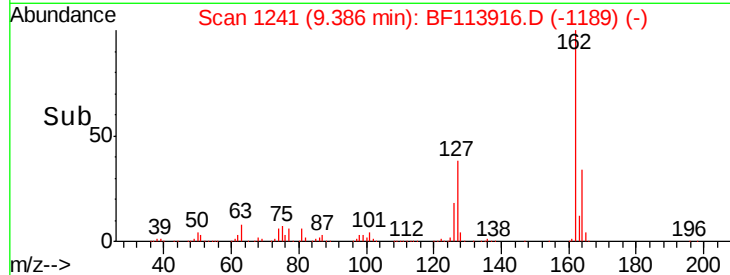
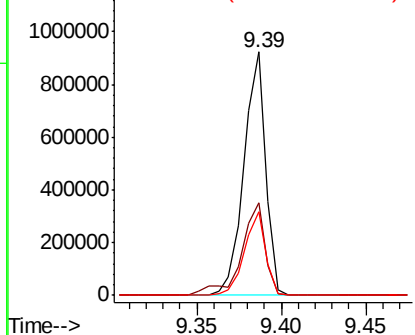
#47
 2-Chloronaphthalene
 Concen: 40.073 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	29.3	43.9
164	34.1	27.1	40.7

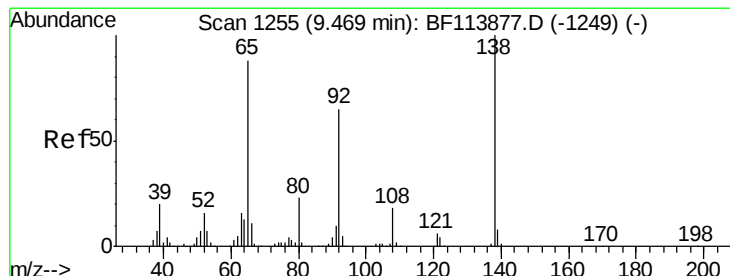


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

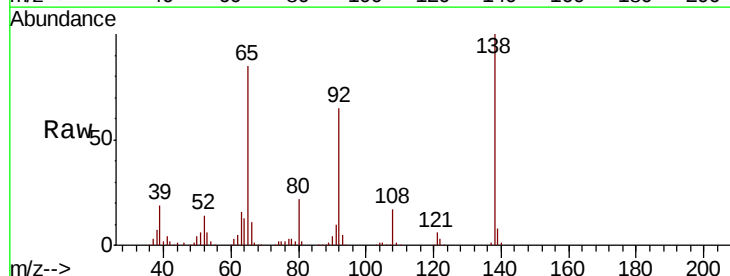
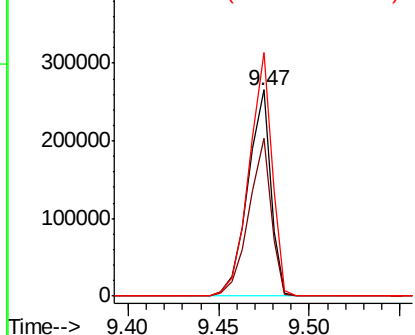


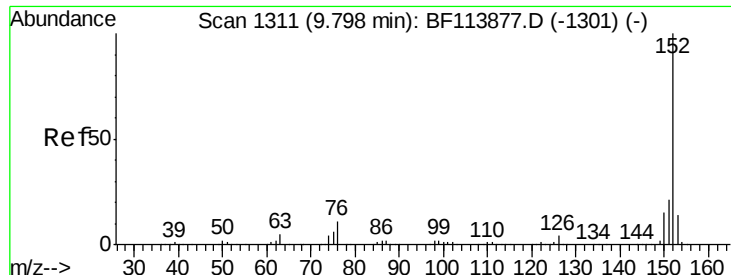
#48
 2-Nitroaniline
 Concen: 43.154 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	57.4	86.0
138	118.0	85.4	128.0



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





#49

Acenaphthylene

Concen: 40.596 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

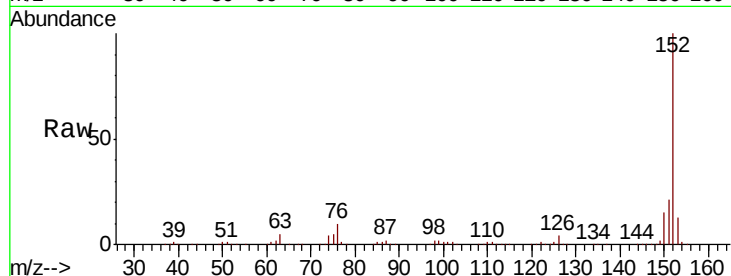
Tot Ion:152 Resp: 1316142

Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.4

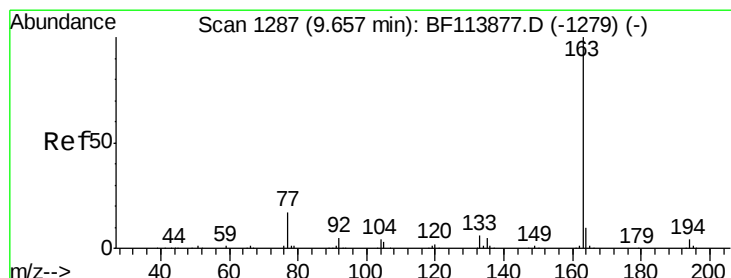
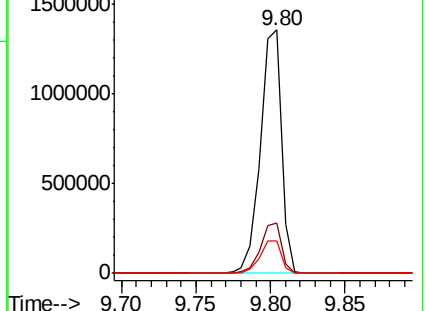
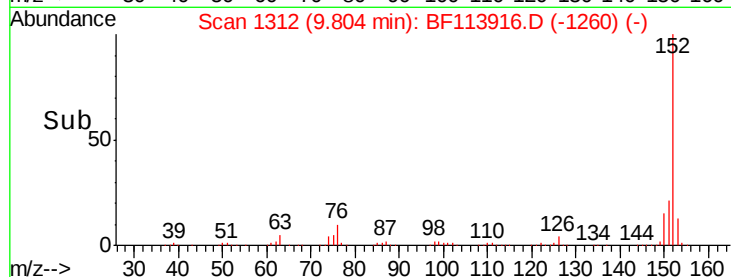
153 13.3 11.0 16.6



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: 40.579 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

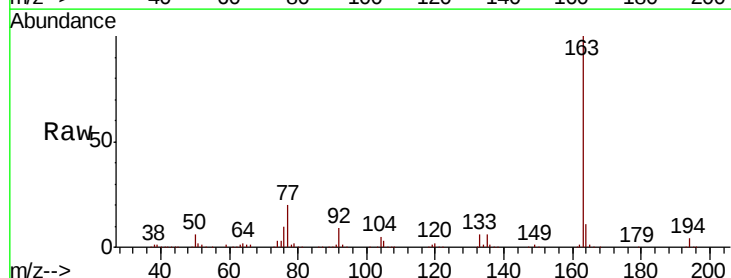
Tgt Ion:163 Resp: 978300

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

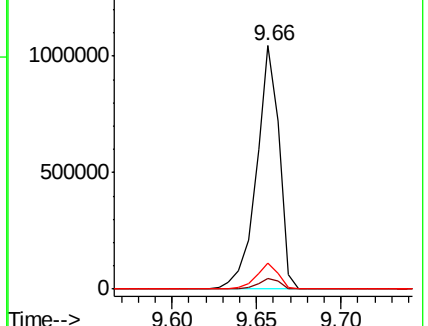
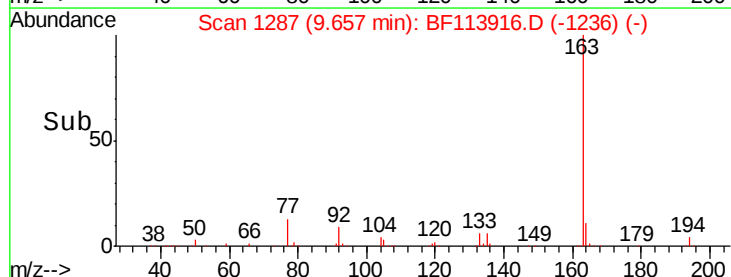
164 10.6 8.5 12.7

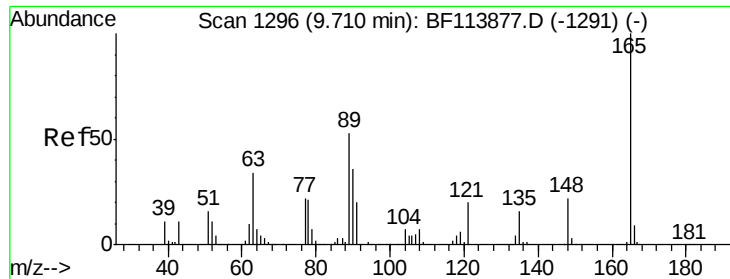


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

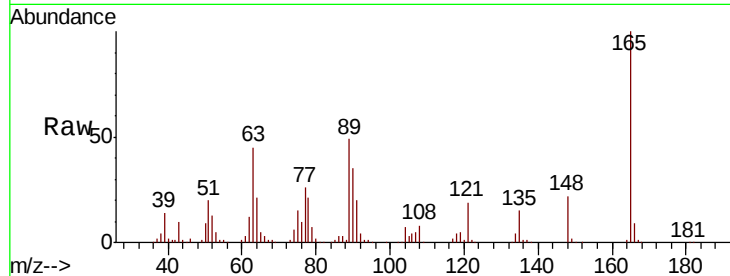




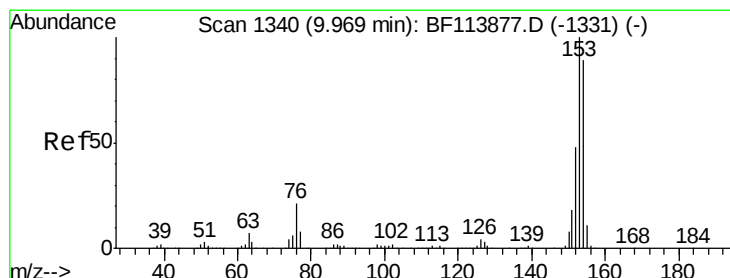
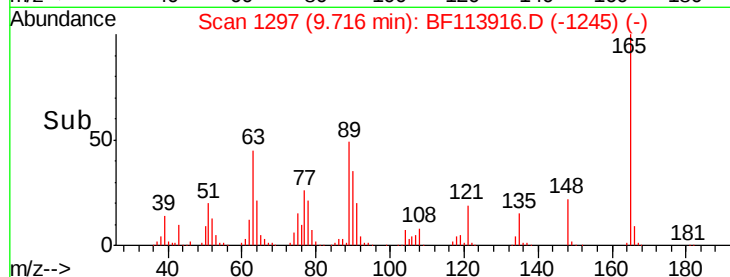
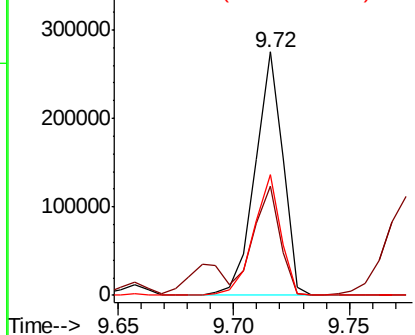
#51
 2,6-Dinitrotoluene
 Concen: 44.502 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.0	33.8	50.8
89	49.4	38.2	57.2

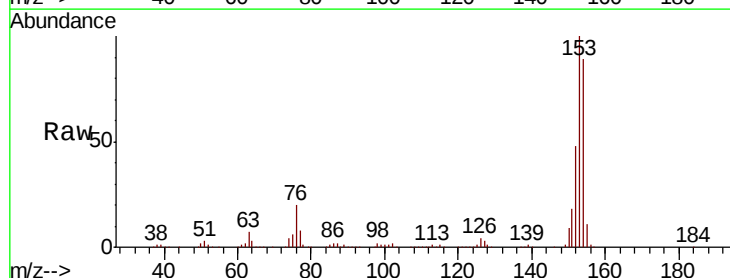


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

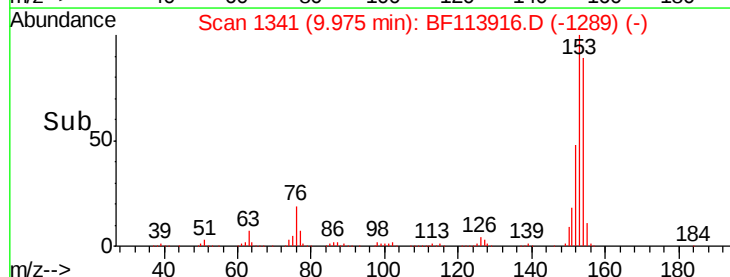
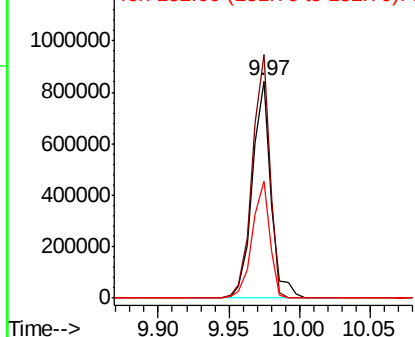


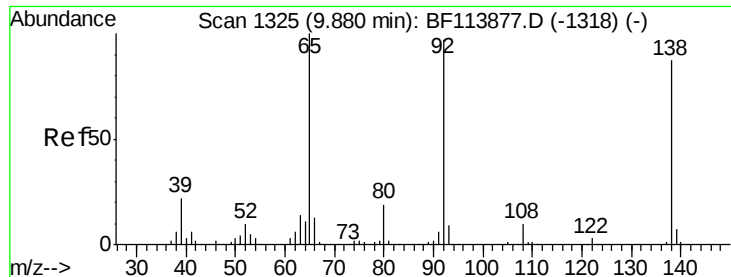
#52
 Acenaphthene
 Concen: 40.873 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	87.2	130.8
152	53.9	42.3	63.5



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

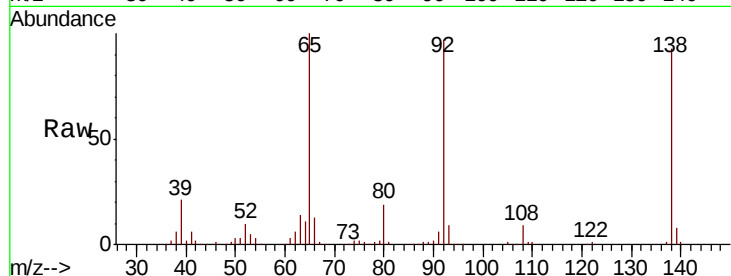




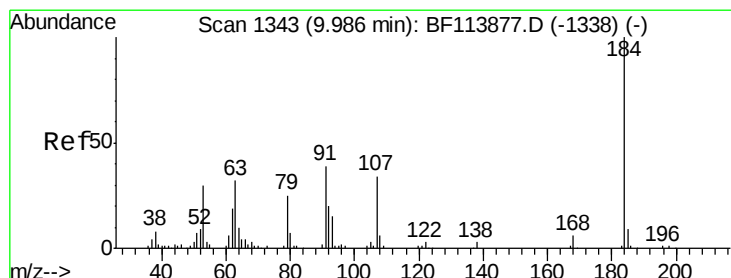
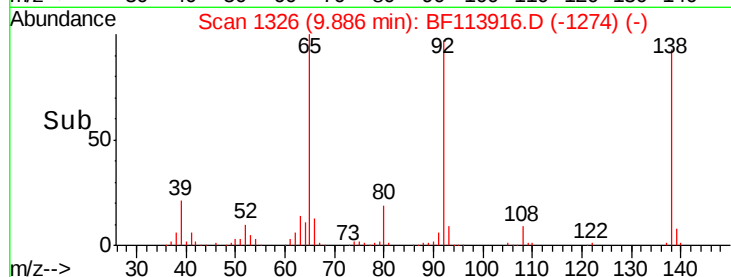
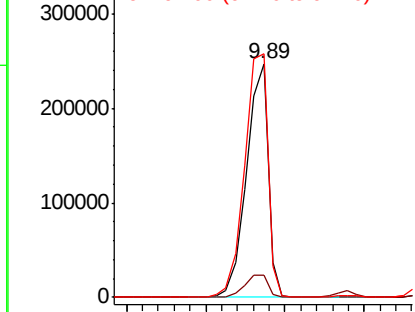
#53
3-Nitroaniline
Concen: 43.057 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 234016
Ion Ratio Lower Upper
138 100
108 9.7 9.4 14.2
92 104.3 94.1 141.1

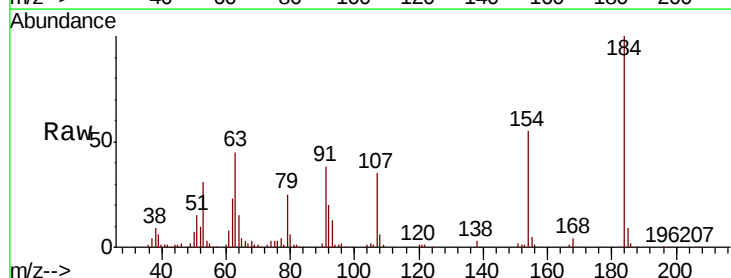


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

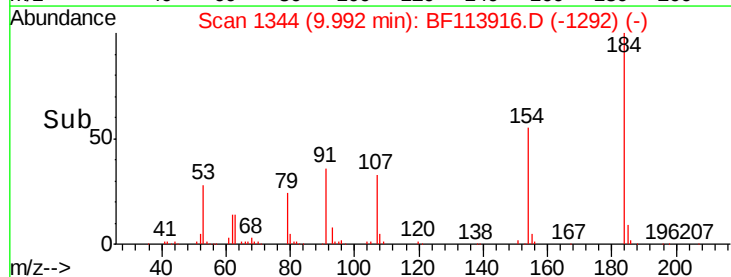
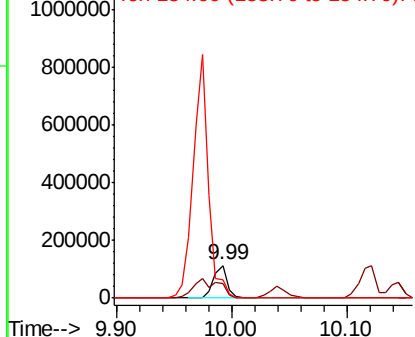


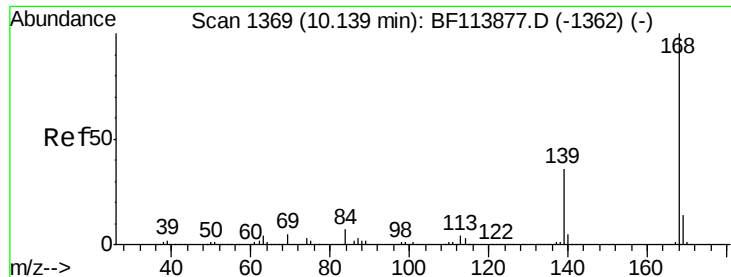
#54
2,4-Dinitrophenol
Concen: 47.171 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:184 Resp: 97032
Ion Ratio Lower Upper
184 100
63 45.4 54.6 81.8#
154 55.0 218.6 328.0#



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

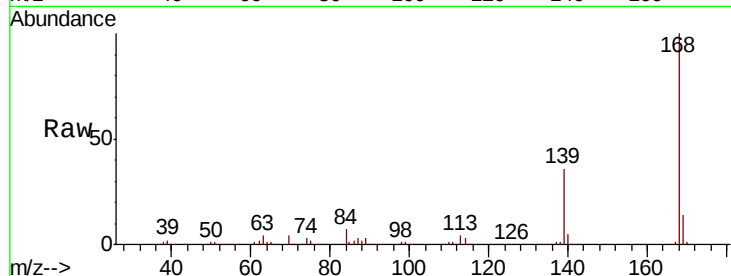




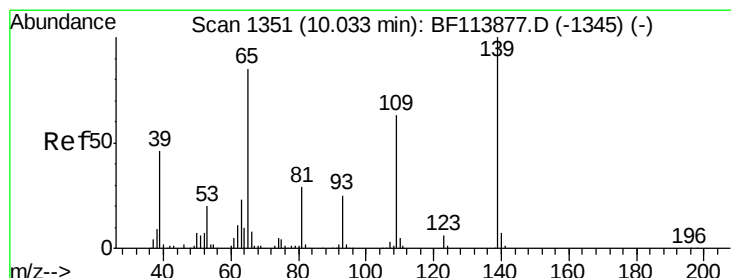
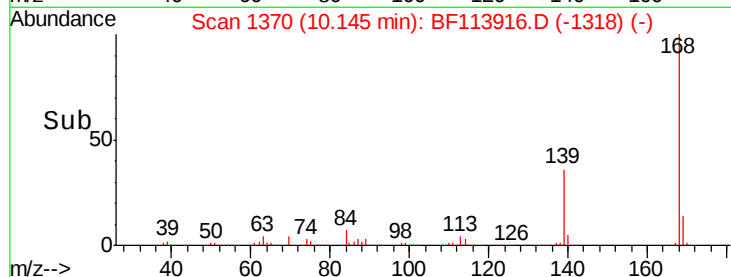
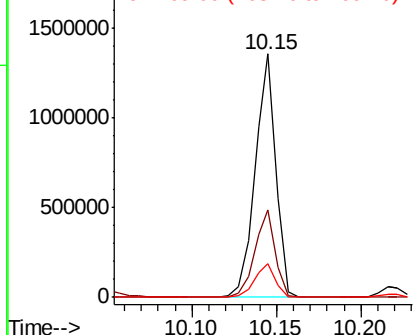
#55
Dibenzenofuran
Concen: 40.328 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1157435
Ion Ratio Lower Upper
168 100
139 35.8 27.8 41.6
169 13.7 11.0 16.6

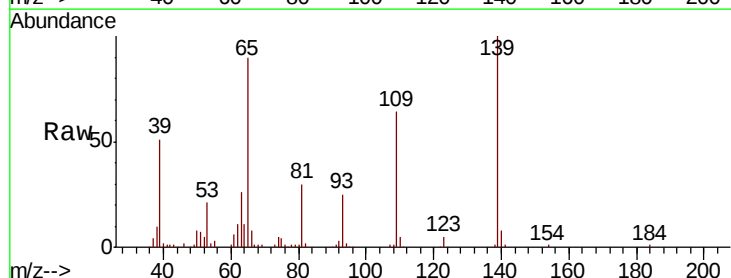


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

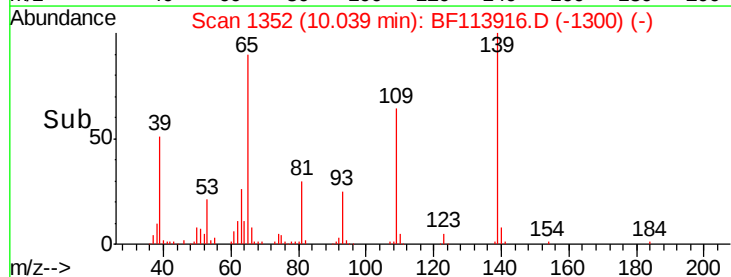
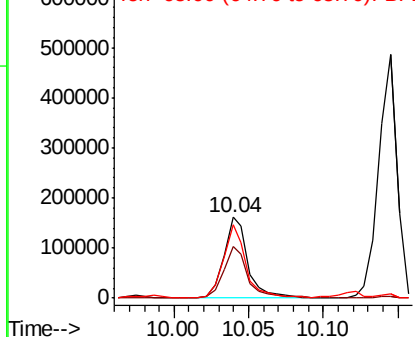


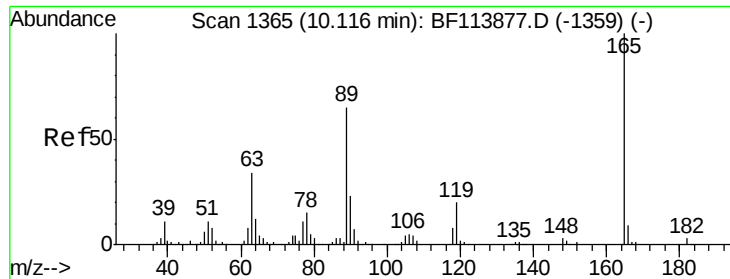
#56
4-Nitrophenol
Concen: 43.104 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:139 Resp: 185490
Ion Ratio Lower Upper
139 100
109 64.1 42.9 82.9
65 90.4 64.4 104.4



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

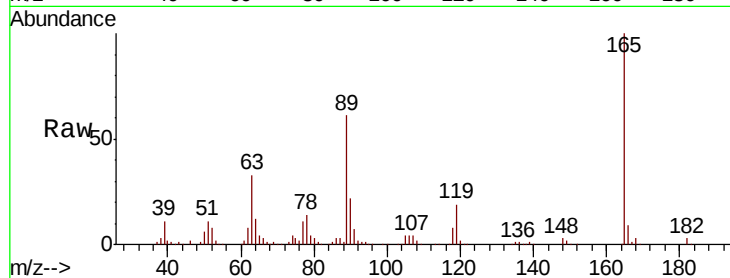




#57
2,4-Dinitrotoluene
Concen: 45.452 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.2	27.4	41.0
89	61.4	51.8	77.6
182	2.9	2.2	3.2



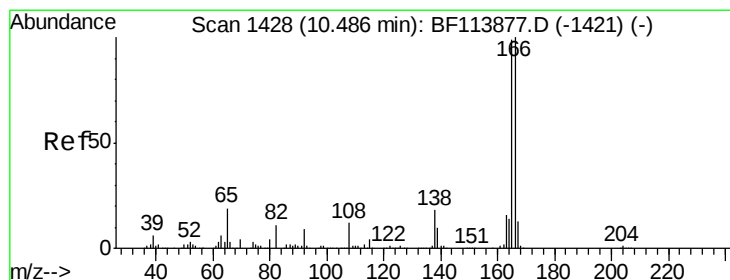
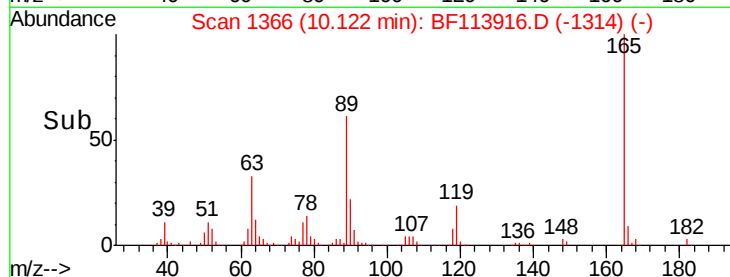
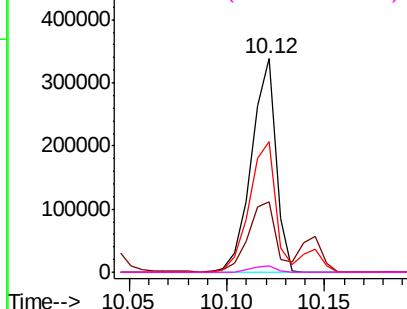
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

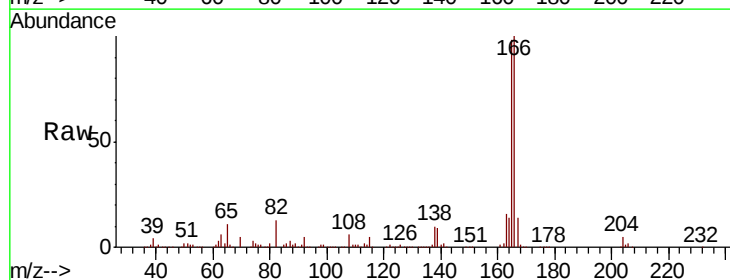
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.683 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.5	10.9	16.3

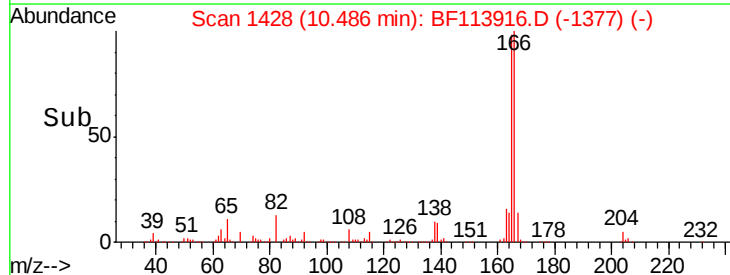
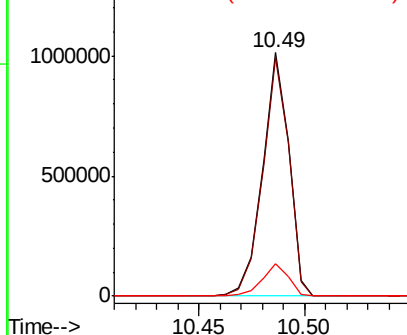


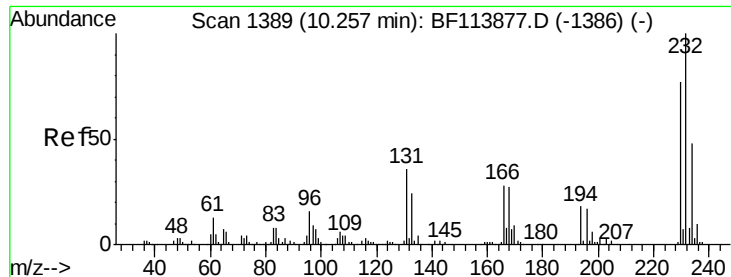
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

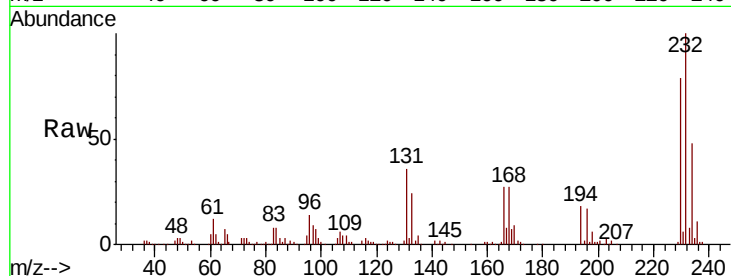




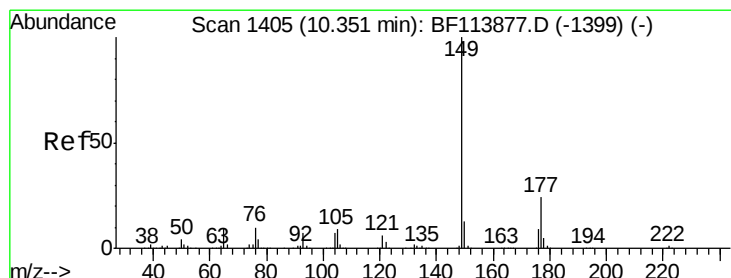
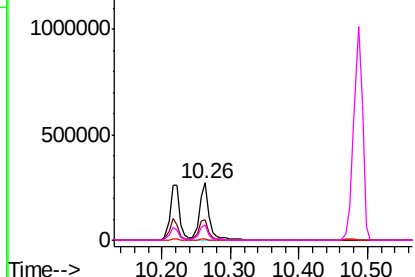
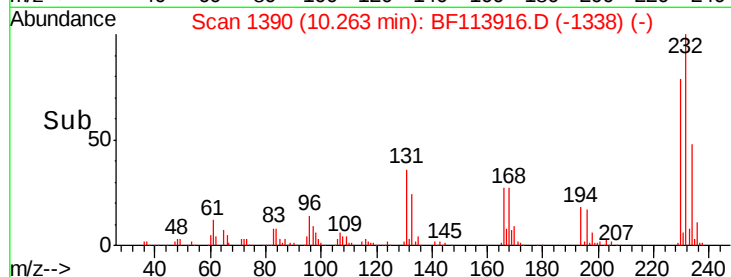
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.318 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	280034
Ion	Ratio	Lower	Upper
232	100		
131	37.4	30.2	45.2
130	1.7	1.5	2.3
166	26.6	22.2	33.4

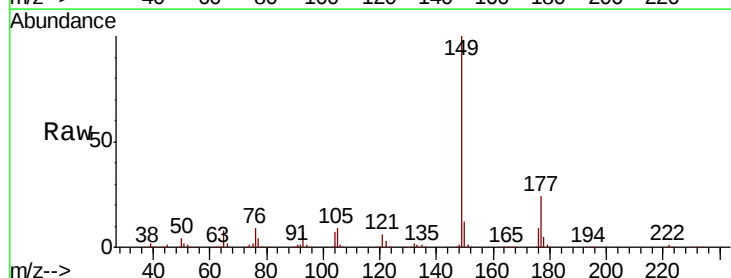


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

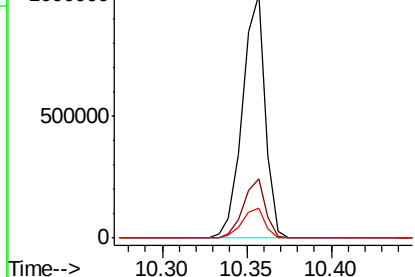
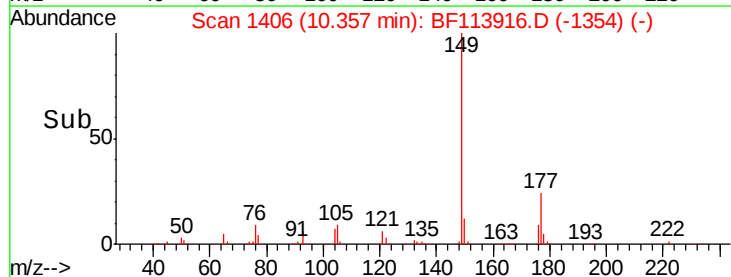


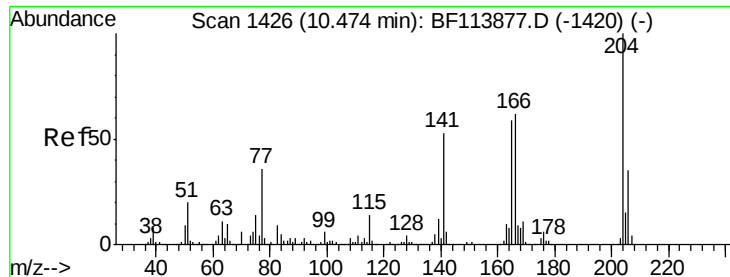
#60
 Diethylphthalate
 Concen: 40.961 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:	149	Resp:	937761
Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	12.5	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

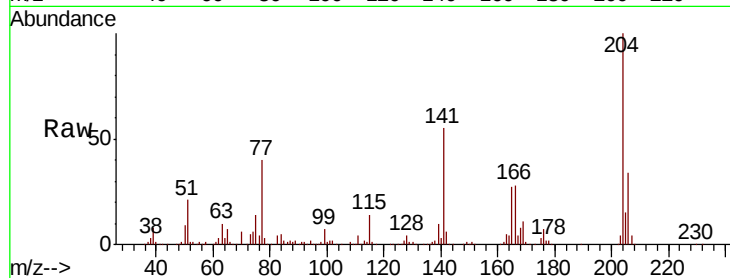




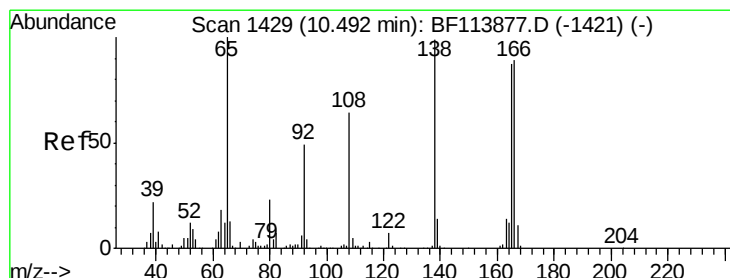
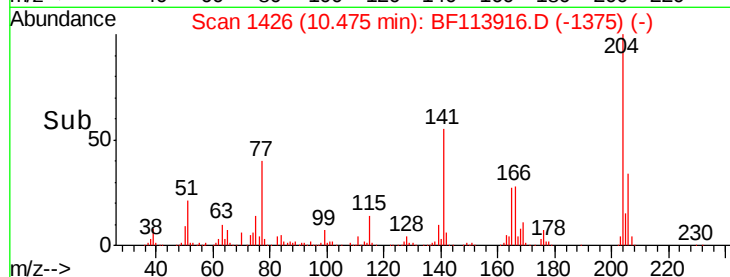
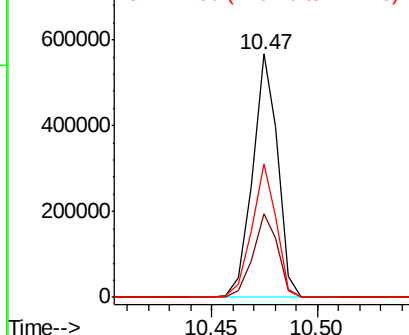
#61
4-Chlorophenyl-phenylether
Concen: 40.762 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 466461
Ion Ratio Lower Upper
204 100
206 34.2 27.4 41.2
141 54.7 42.6 63.8

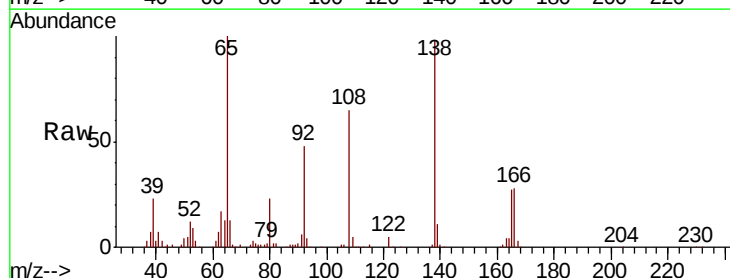


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

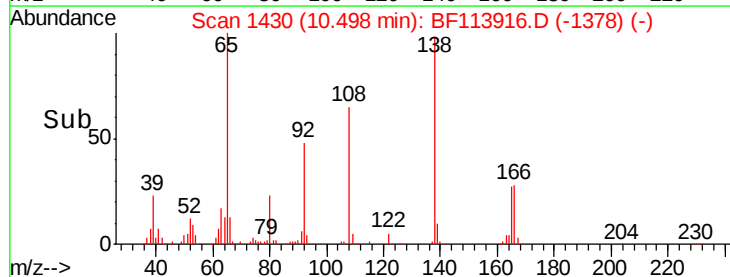
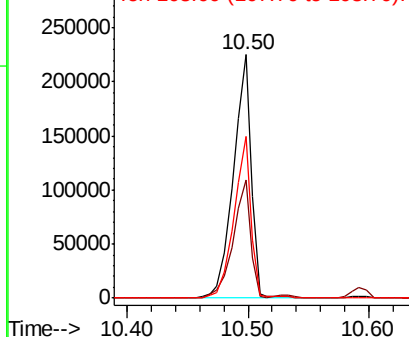


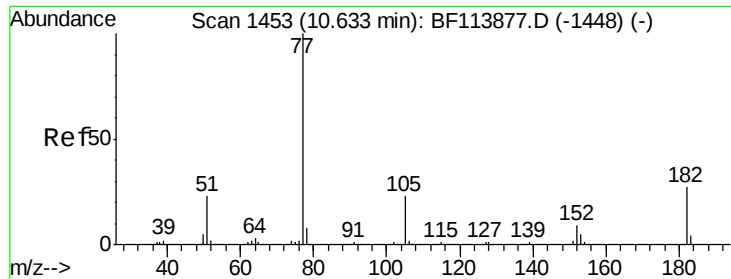
#62
4-Nitroaniline
Concen: 43.676 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:138 Resp: 231654
Ion Ratio Lower Upper
138 100
92 48.6 31.3 71.3
108 66.2 48.9 88.9



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: 40.317 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 894586

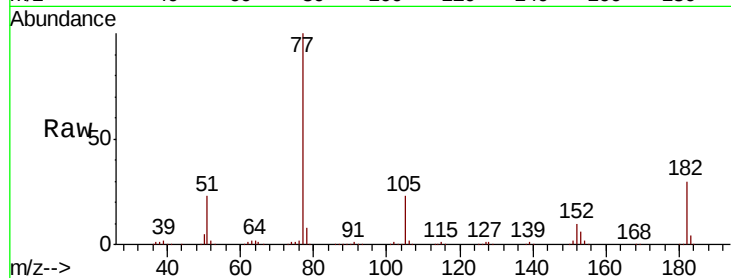
Ion Ratio Lower Upper

77 100

182 29.6 4.4 44.4

105 23.1 2.2 42.2

51 22.7 3.9 43.9

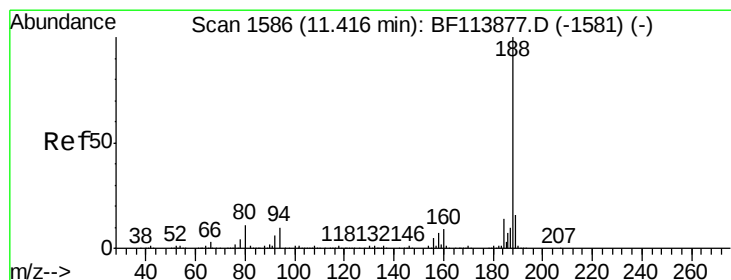
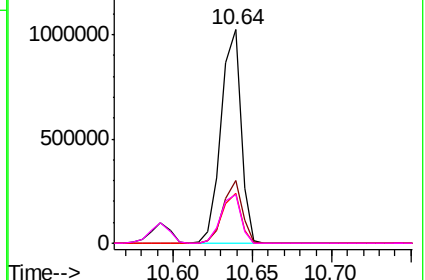
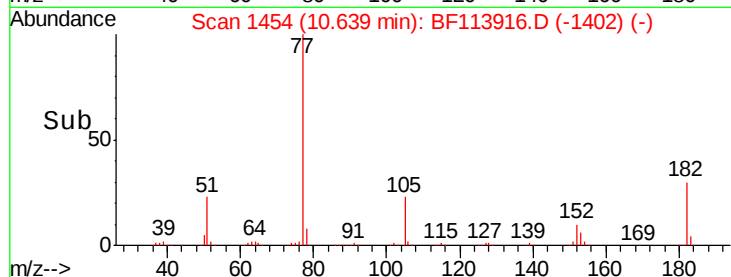


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

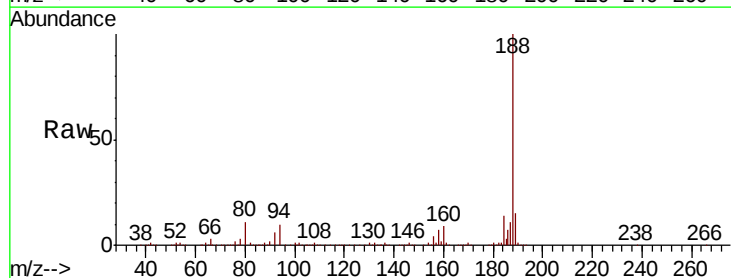
Tgt Ion: 188 Resp: 670268

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

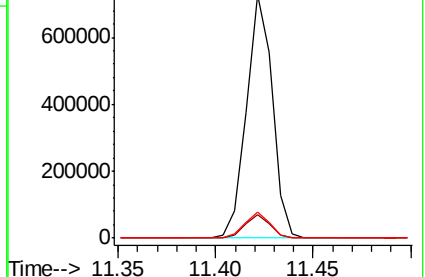
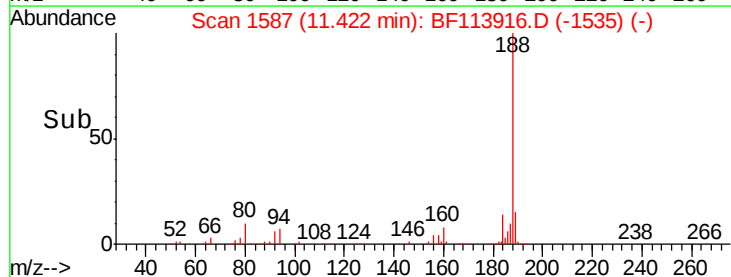
80 10.5 9.0 13.6

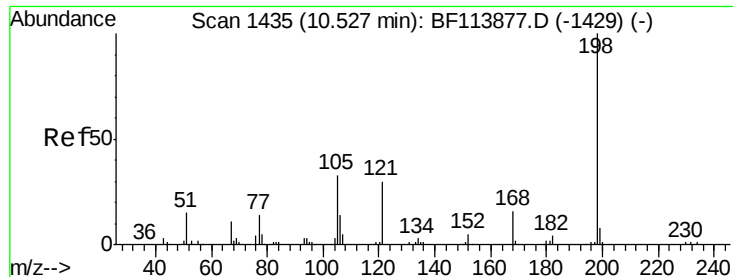


Abundance Ion 188.00 (187.70 to 188.70): E

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: 44.775 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

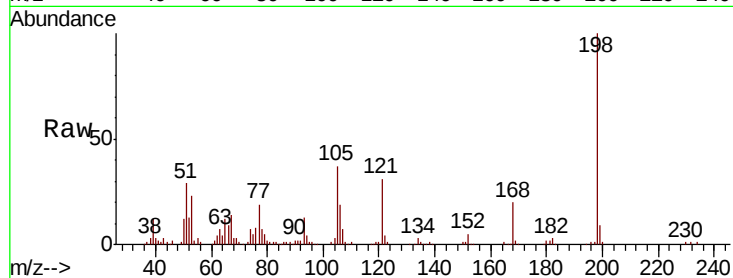
Tot Ion:198 Resp: 135775

Ion Ratio Lower Upper

198 100

51 28.5 11.1 51.1

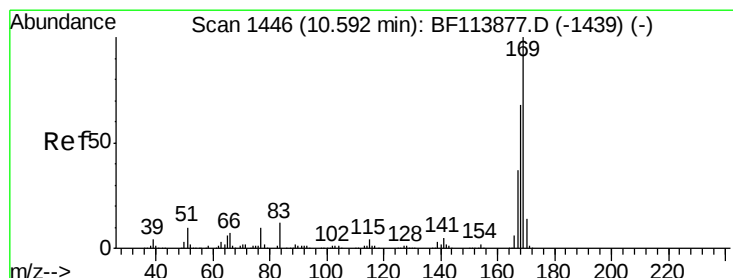
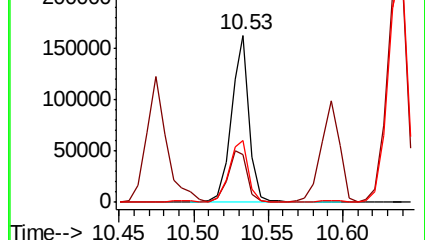
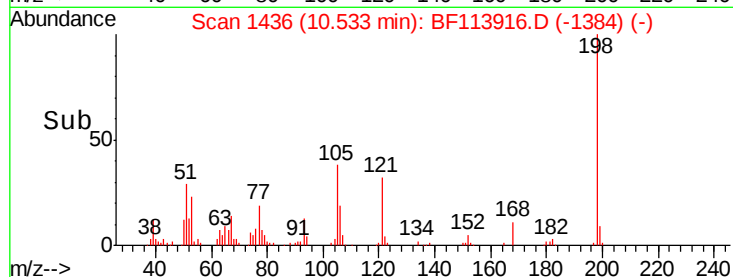
105 36.8 20.7 60.7



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: 39.278 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

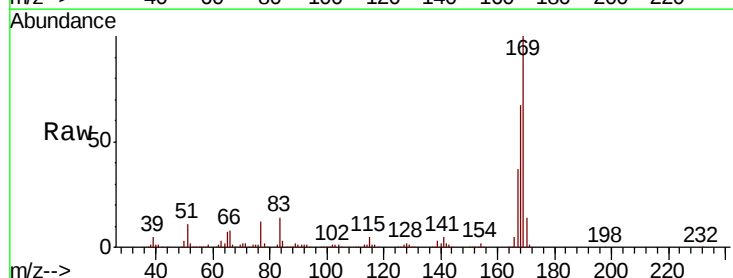
Tgt Ion:169 Resp: 789940

Ion Ratio Lower Upper

169 100

168 66.6 54.3 81.5

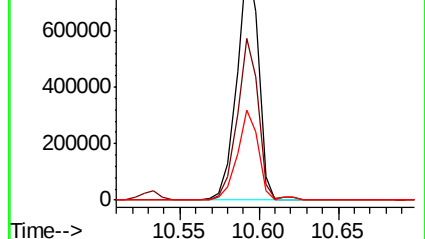
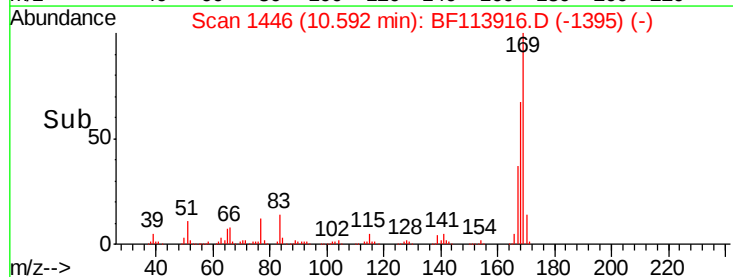
167 36.8 29.4 44.0

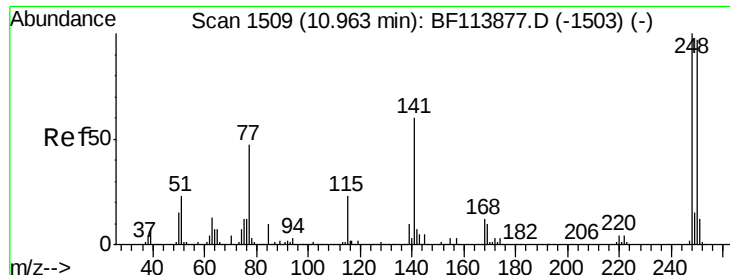


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

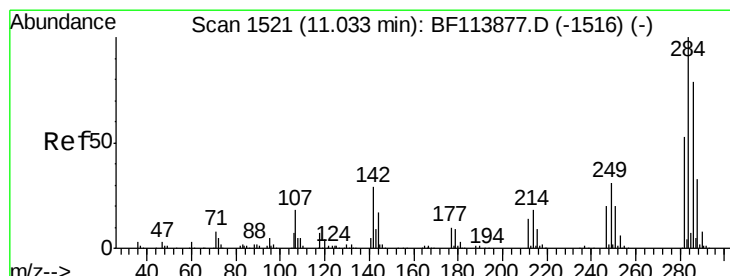
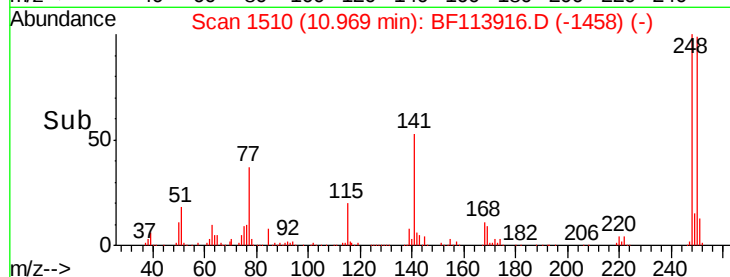
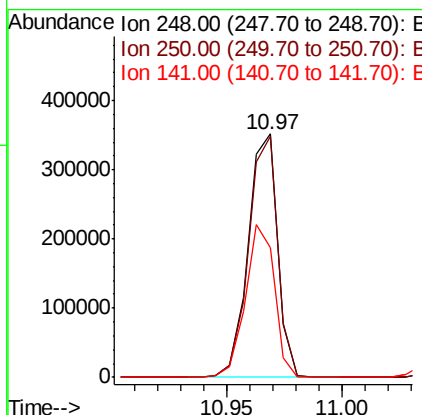
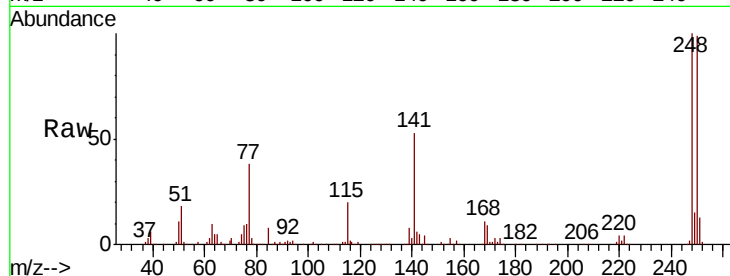




#67
 4-Bromophenyl-phenylether
 Concen: 38.736 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

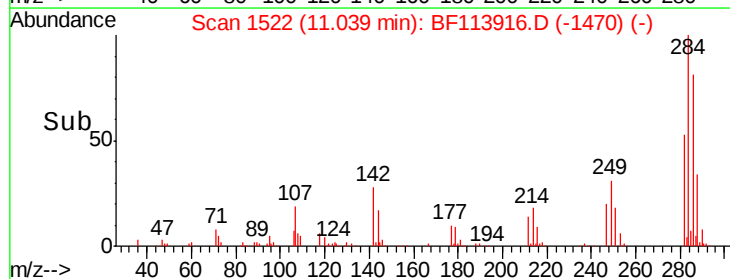
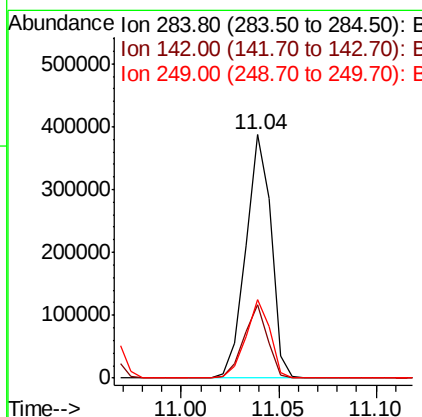
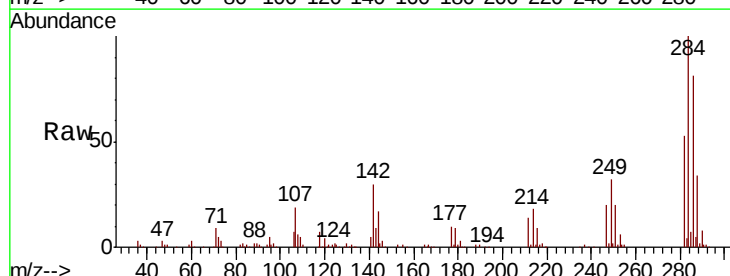
Instrument :
 BNA_F
 ClientSampled :

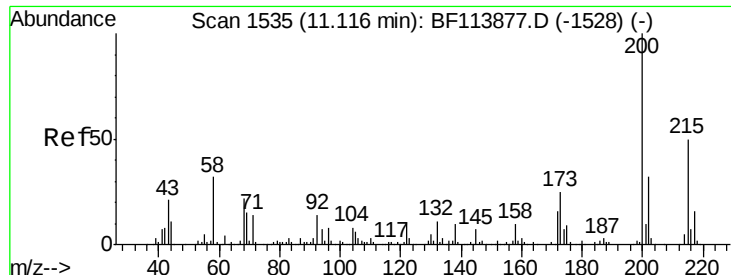
Tot Ion:248 Resp: 313651
 Ion Ratio Lower Upper
 248 100
 250 99.0 75.8 113.6
 141 53.4 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 39.102 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:284 Resp: 347925
 Ion Ratio Lower Upper
 284 100
 142 30.0 23.0 34.4
 249 32.1 24.4 36.6





#69

Atrazine

Concen: 39.789 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

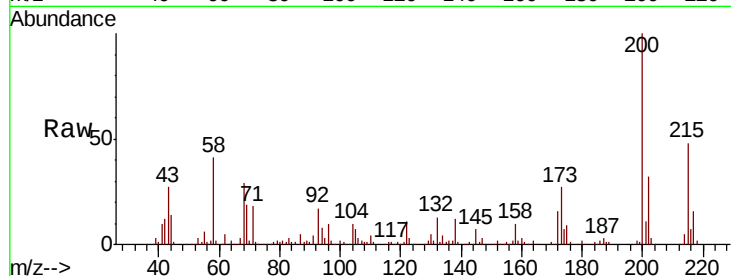
Tot Ion:200 Resp: 260316

Ion Ratio Lower Upper

200 100

173 26.6 5.9 45.9

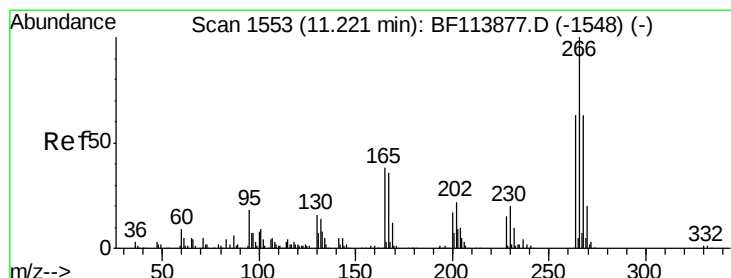
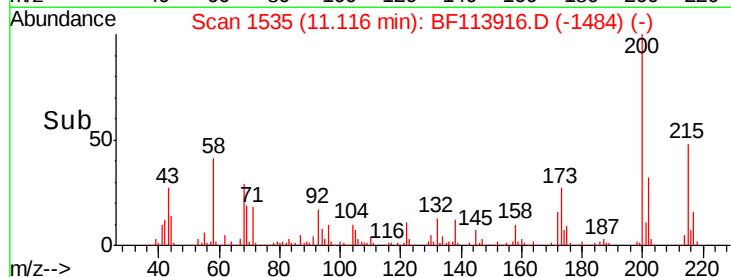
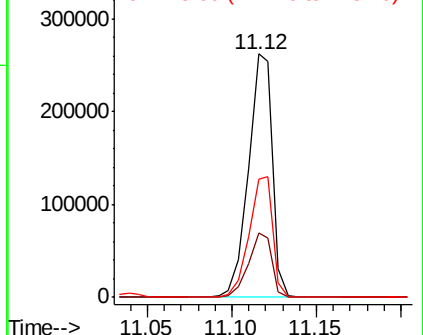
215 48.4 29.3 69.3



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: 39.684 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

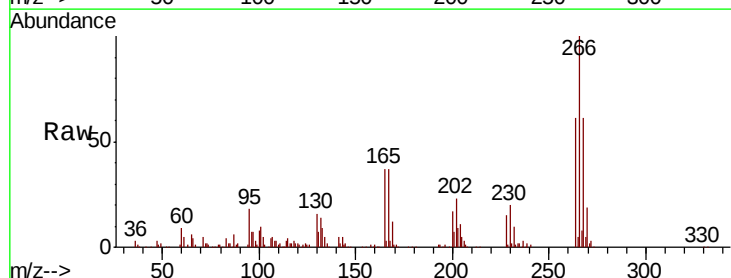
Tgt Ion:266 Resp: 199924

Ion Ratio Lower Upper

266 100

268 61.5 53.5 80.3

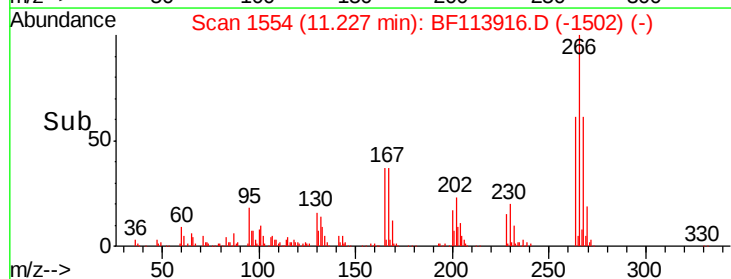
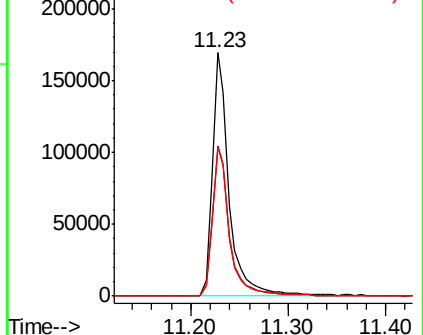
264 61.0 51.0 76.6

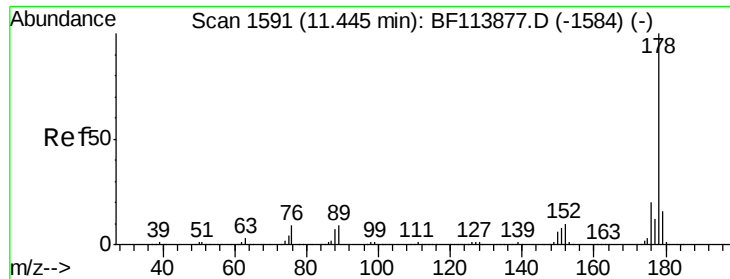


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

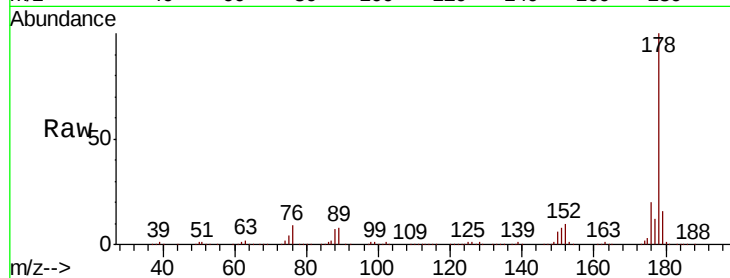




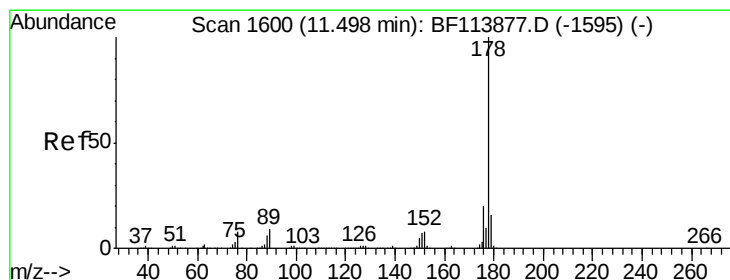
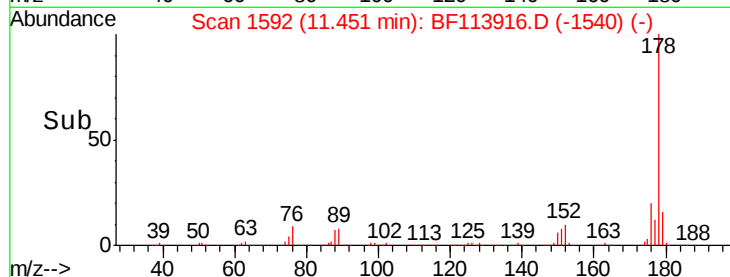
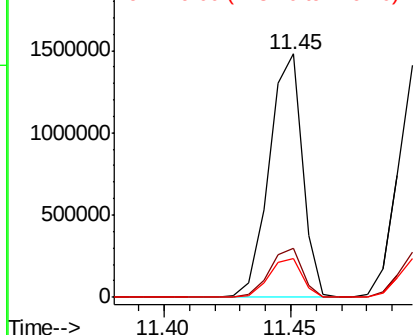
#71
Phenanthrene
Concen: 39.792 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1340398
Ion Ratio Lower Upper
178 100
176 20.1 16.1 24.1
179 15.7 12.8 19.2

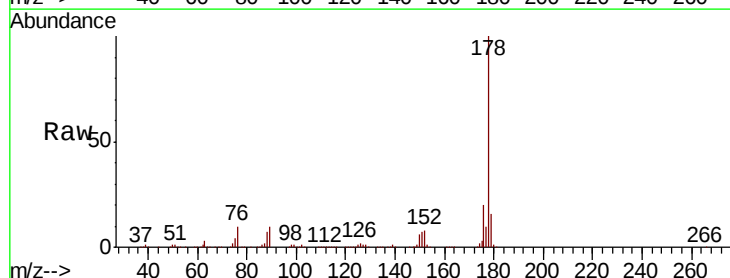


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

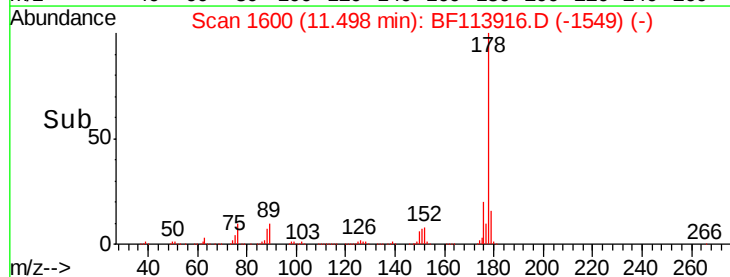
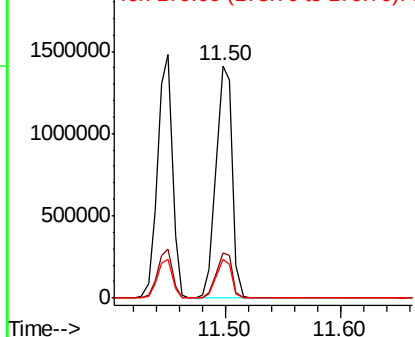


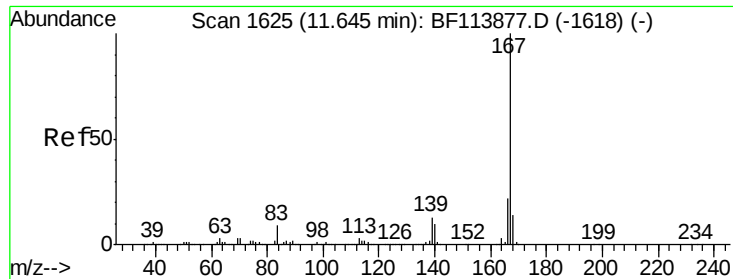
#72
Anthracene
Concen: 40.463 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:178 Resp: 1376391
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.4 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



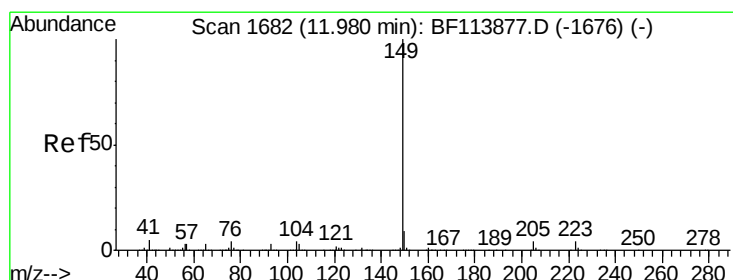
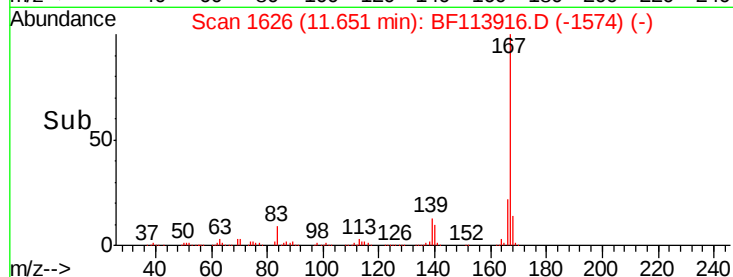
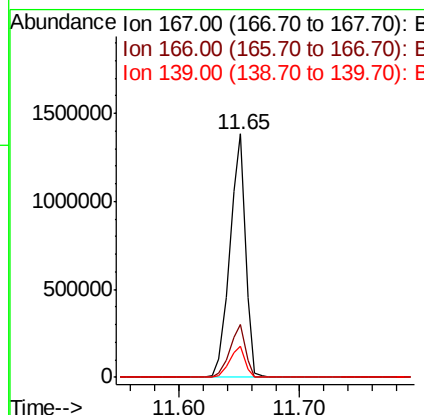
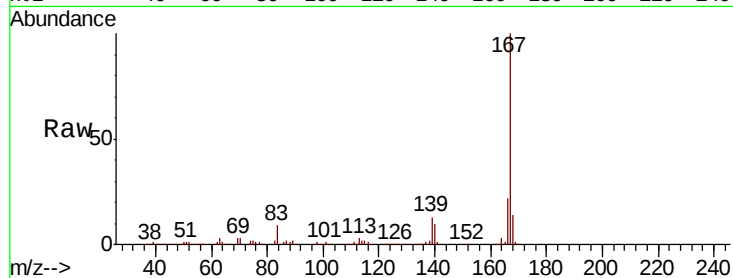


#73
 Carbazole
 Concen: 40.812 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1238550

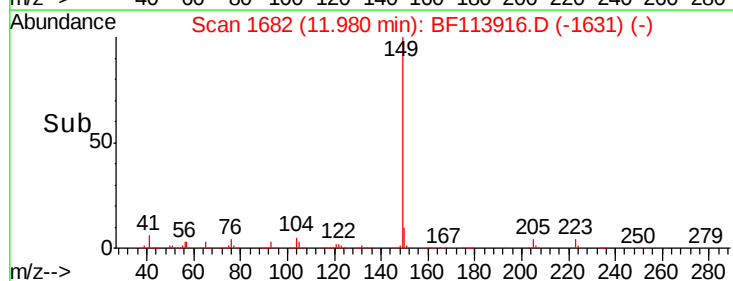
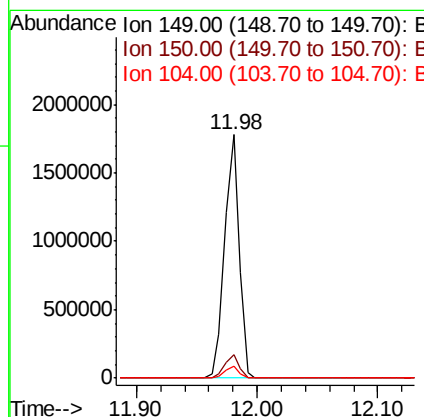
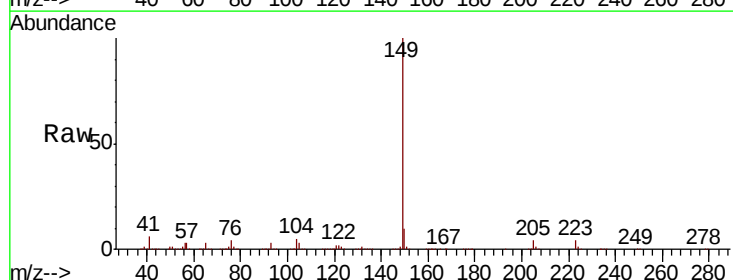
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.8	10.0	15.0

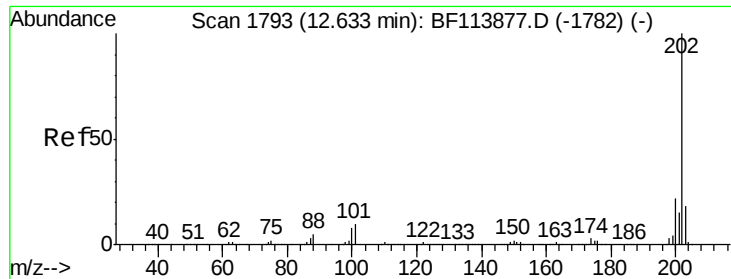


#74
 Di-n-butylphthalate
 Concen: 41.156 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:149 Resp: 1469205

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.8	5.8

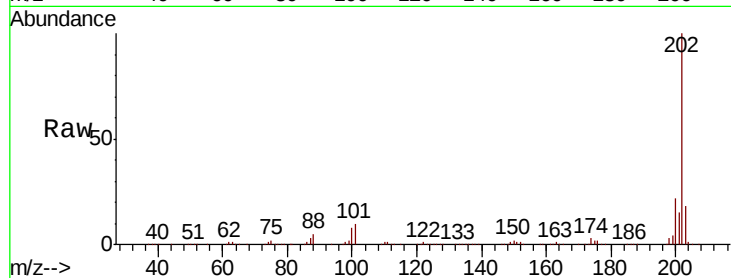




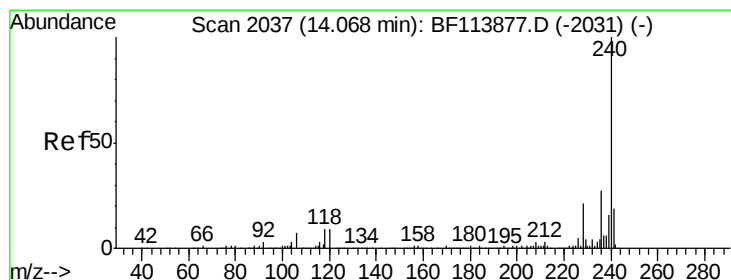
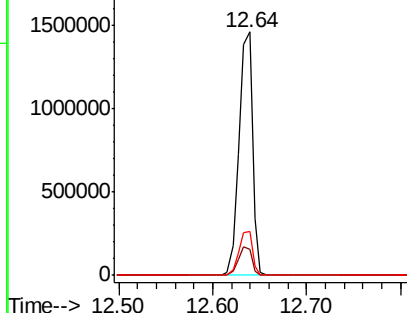
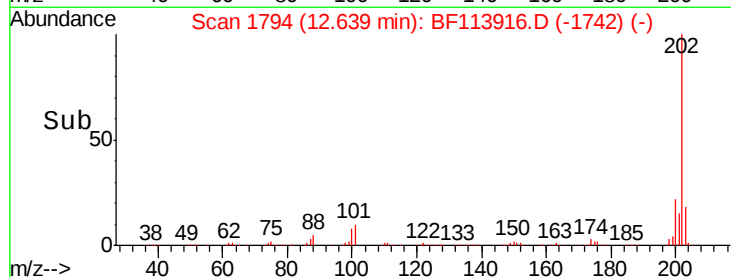
#75
 Fluoranthene
 Concen: 39.872 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1465328
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 32.9
 203 18.1 0.0 38.2

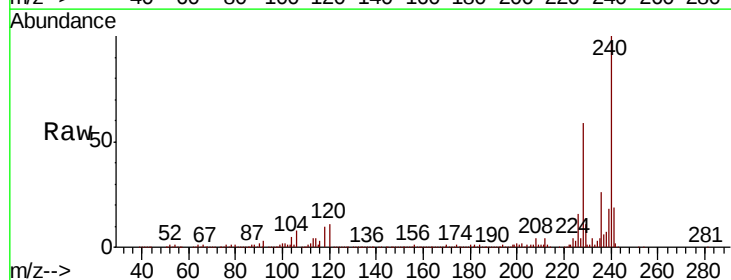


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

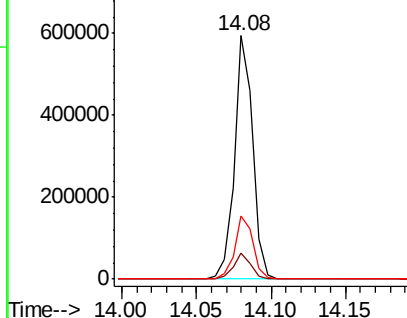
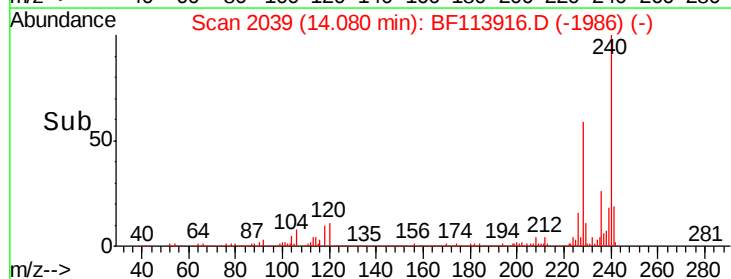


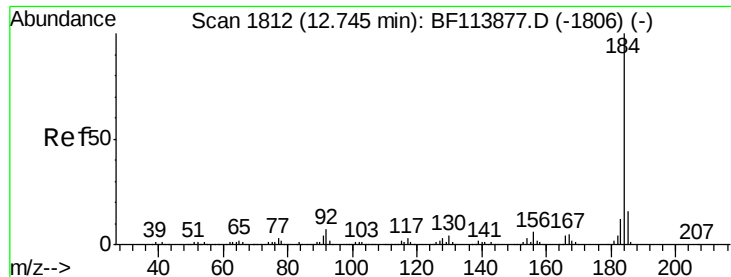
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:240 Resp: 511648
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.3 13.9
 236 25.8 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 800000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.826 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

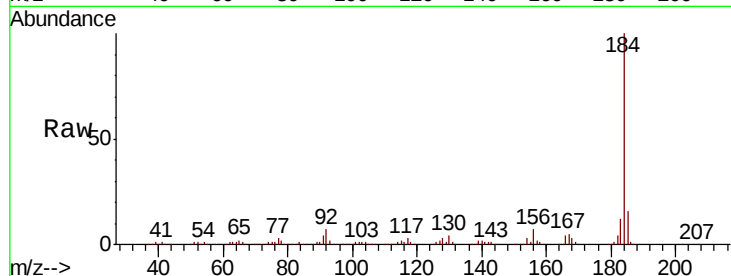
Tot Ion:184 Resp: 607149

Ion Ratio Lower Upper

184 100

185 16.3 13.0 19.6

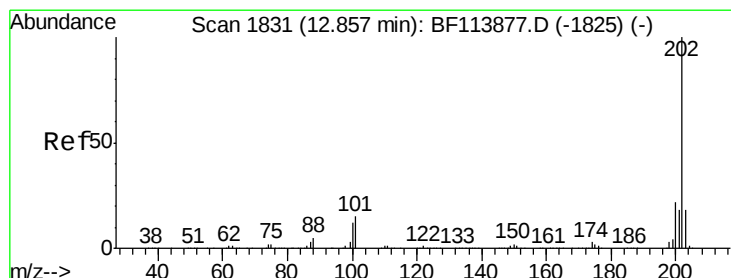
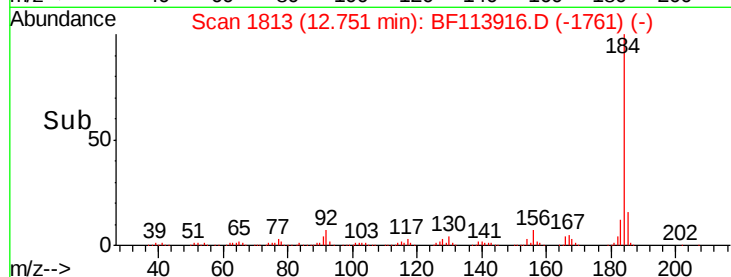
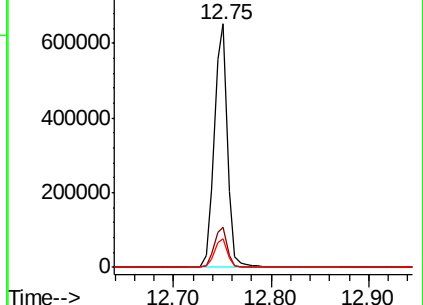
183 11.8 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.648 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

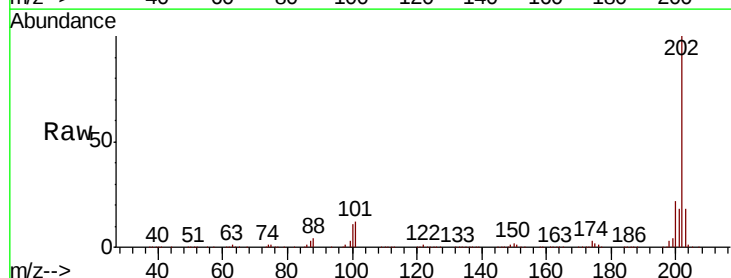
Tgt Ion:202 Resp: 1454405

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

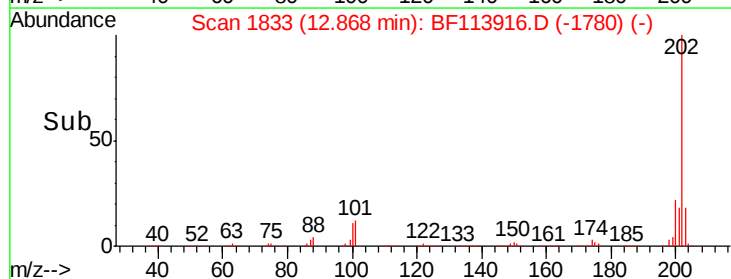
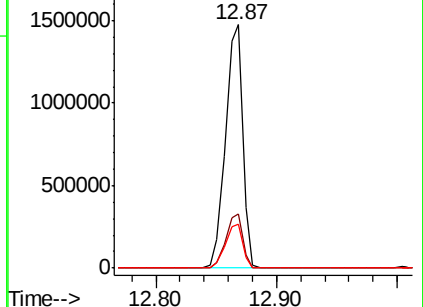
203 18.0 15.0 22.6

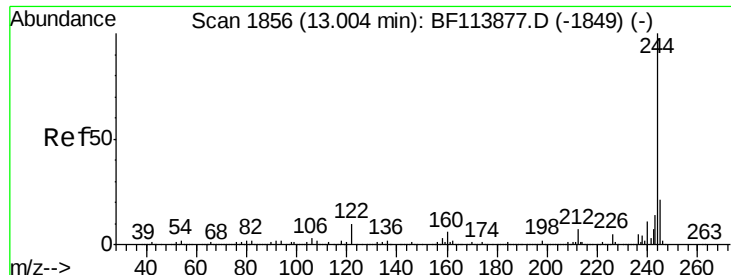


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.102 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

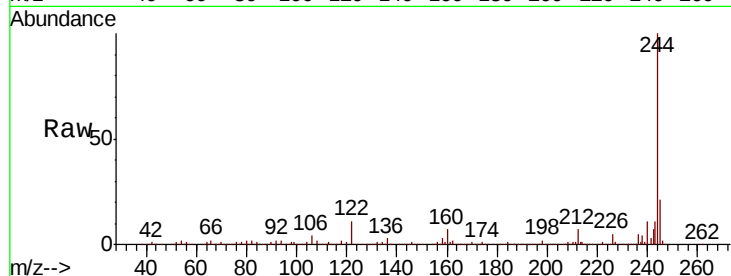
Tot Ion:244 Resp: 2049011

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

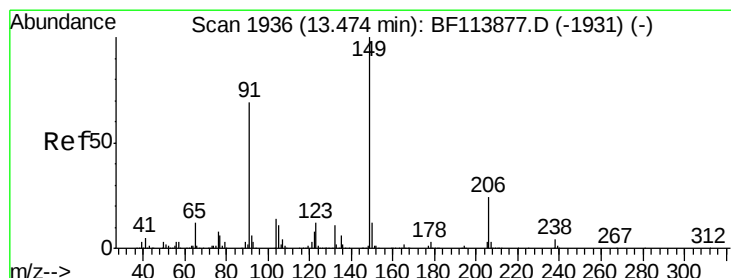
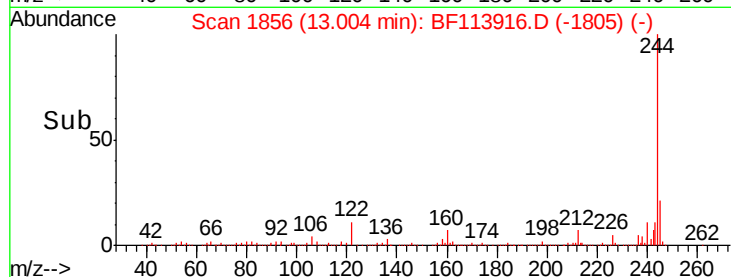
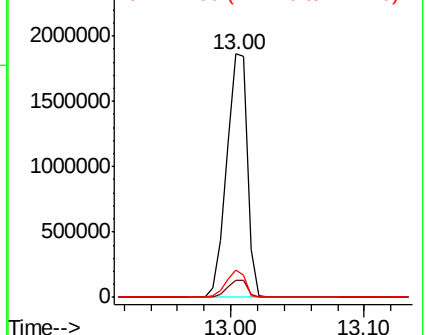
122 11.1 7.6 11.4



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: 44.120 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

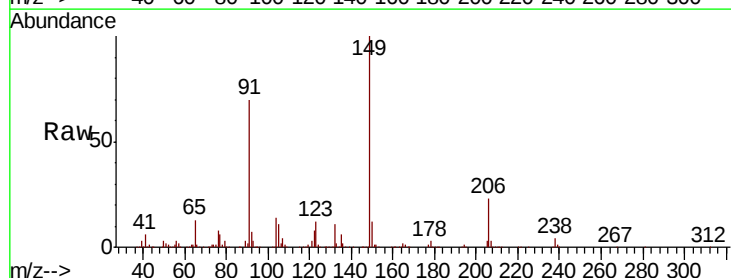
Tgt Ion:149 Resp: 621110

Ion Ratio Lower Upper

149 100

91 70.4 56.3 84.5

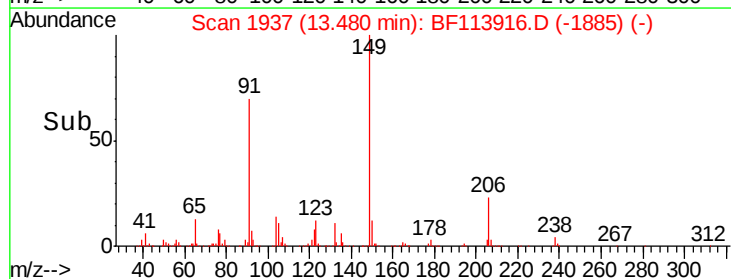
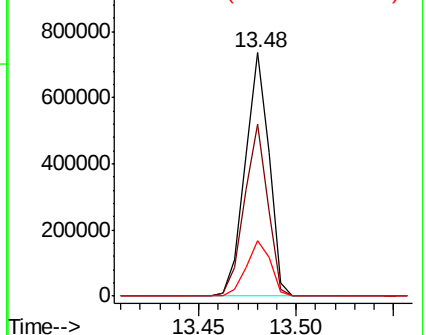
206 22.9 19.0 28.6

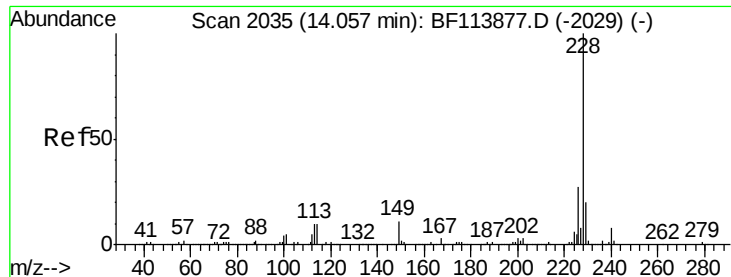


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

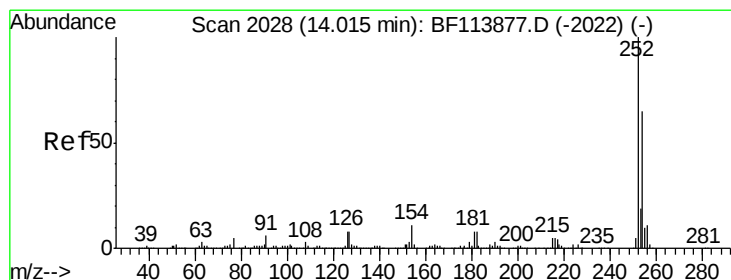
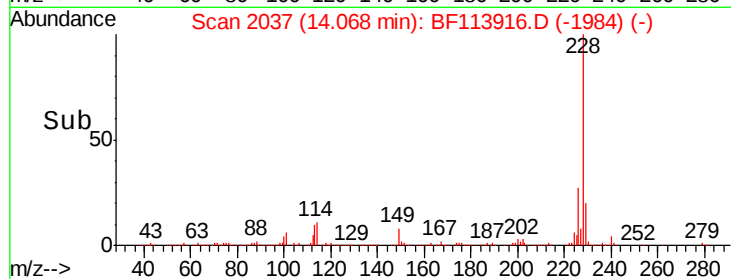
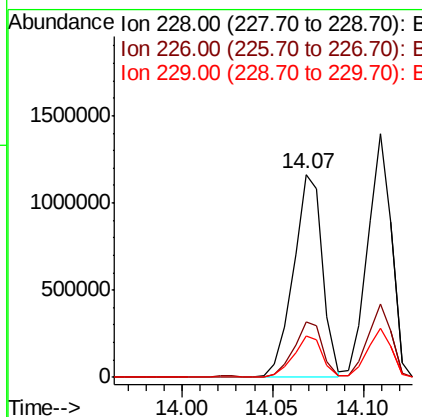
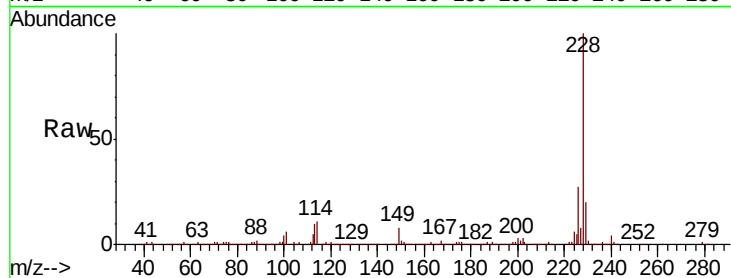




#81
Benzo(a)anthracene
Concen: 43.447 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

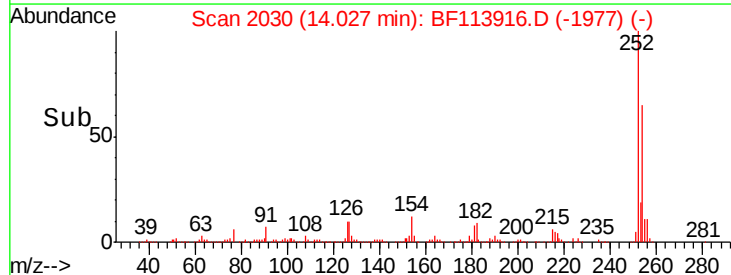
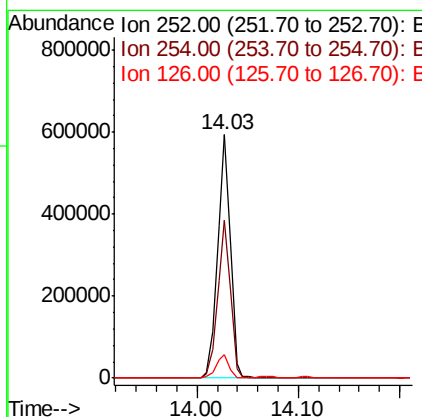
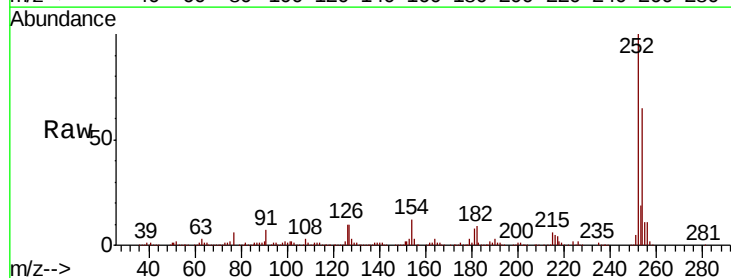
Instrument :
BNA_F
ClientSampleId :

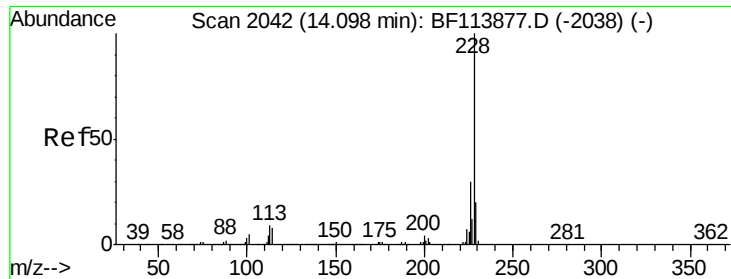
Tot Ion:228 Resp: 1309738
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.2 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 46.911 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:252 Resp: 518329
Ion Ratio Lower Upper
252 100
254 64.9 52.1 78.1
126 9.7 9.3 13.9



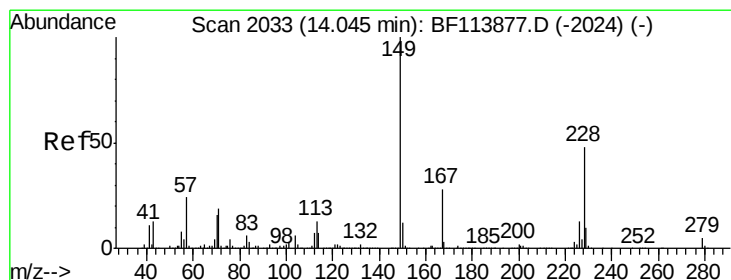
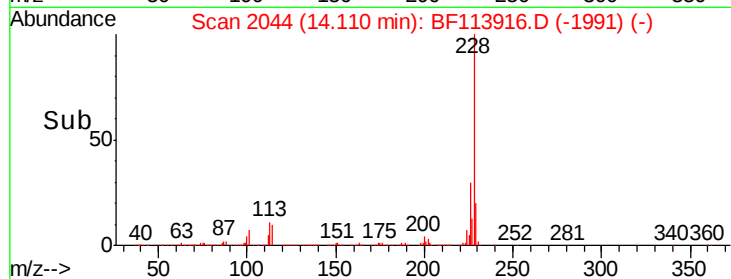
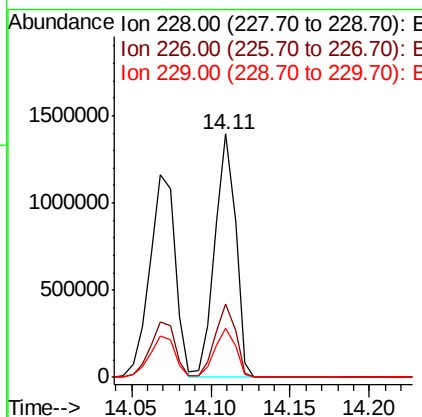
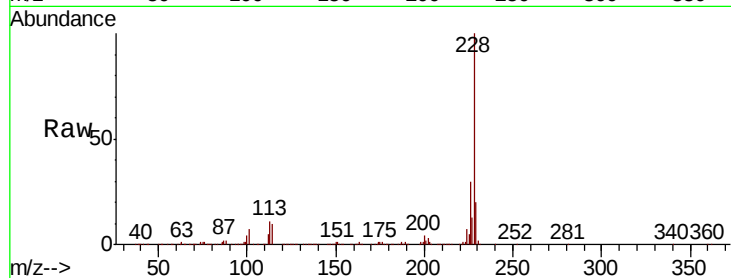


#83
 Chrvsene
 Concen: 43.396 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1274057

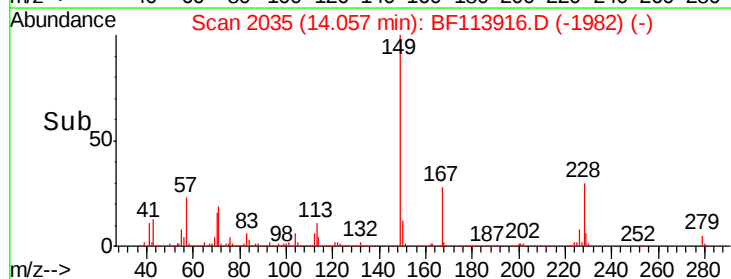
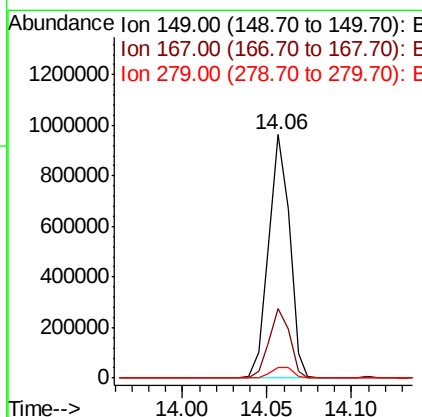
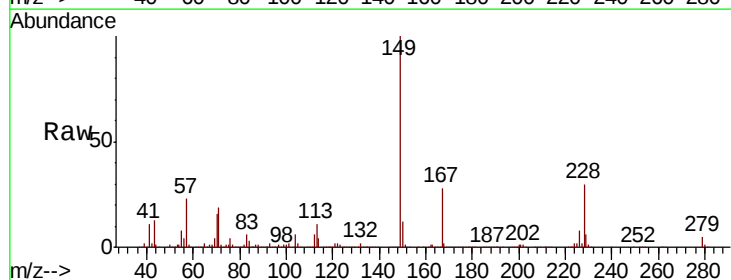
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.2	37.8
229	20.2	16.7	25.1

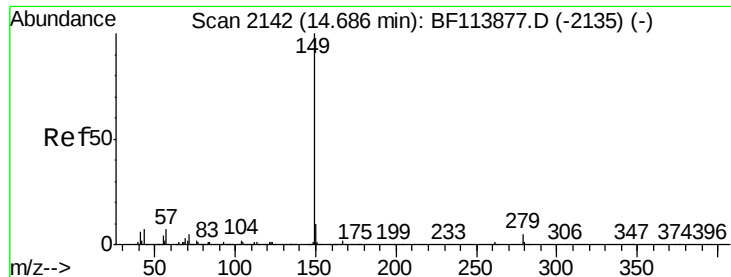


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.394 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF113916.D
 Acq: 23 Apr 2019 13:22

Tgt Ion:149 Resp: 830971

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	4.5	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 47.998 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.02 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

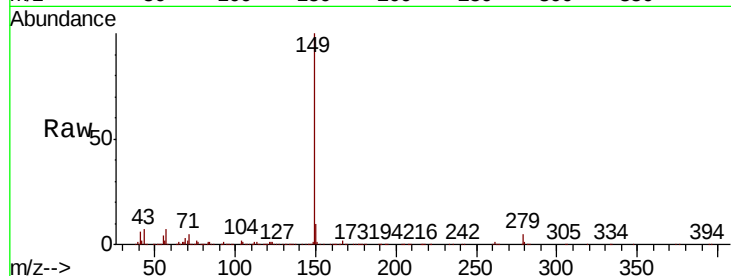
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1345630

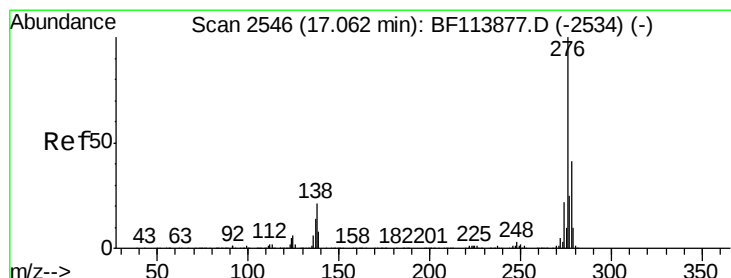
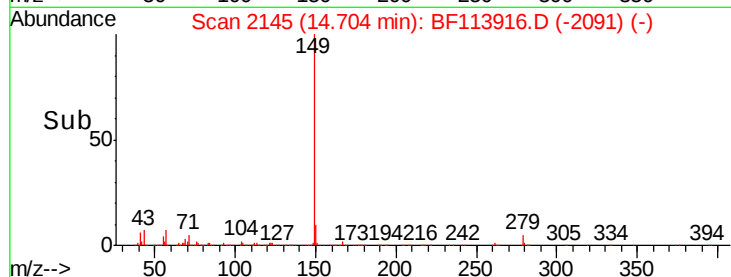
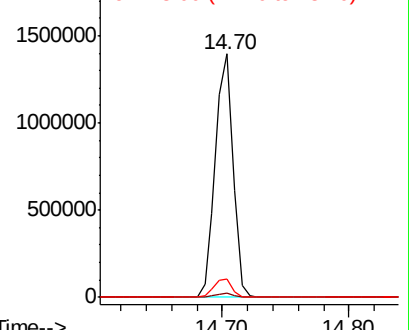
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.6	10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.547 ng

RT: 17.10 min Scan# 2552

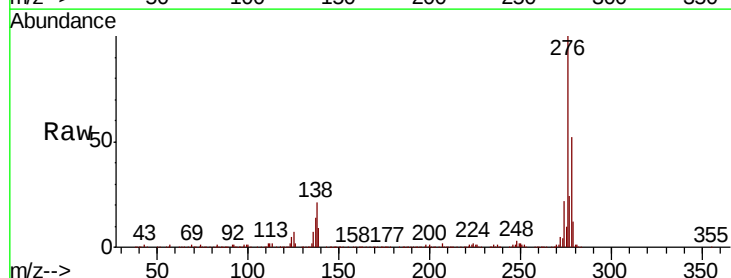
Delta R.T. 0.04 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Tgt Ion:276 Resp: 1016361

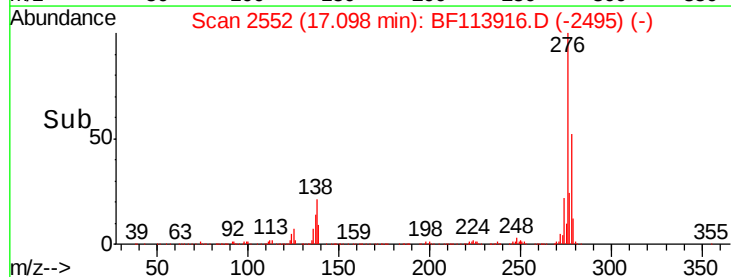
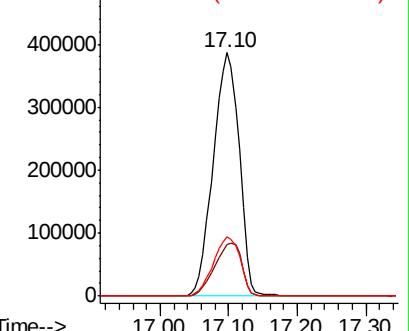
Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.6	29.4
277	25.2	20.2	30.4

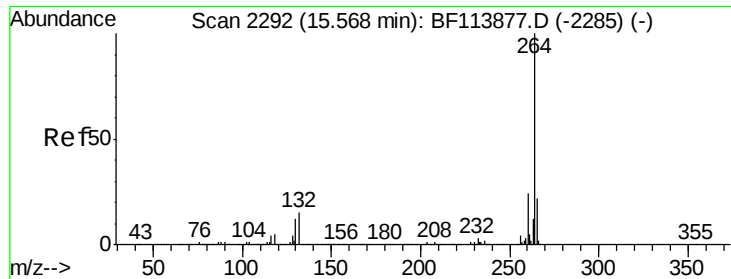


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.59 min Scan# 2296

Delta R.T. 0.02 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampled :

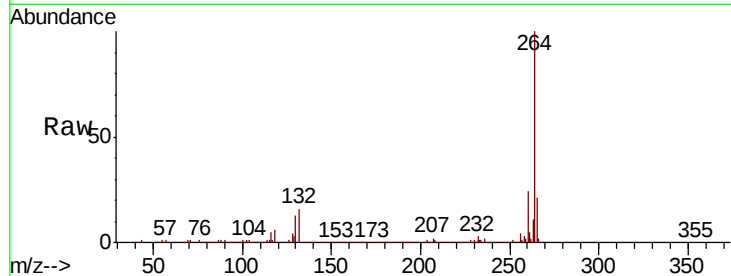
Tot Ion:264 Resp: 452003

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 21.5 17.3 25.9

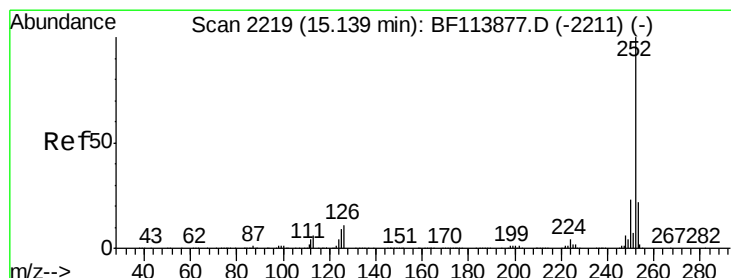
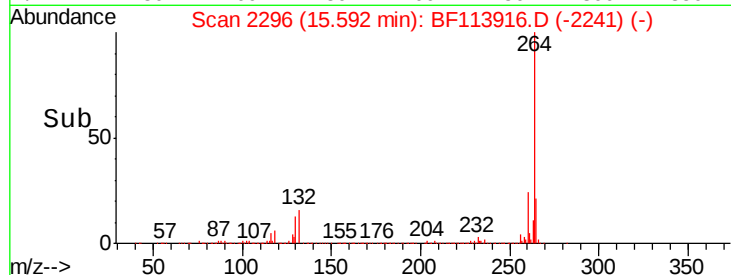
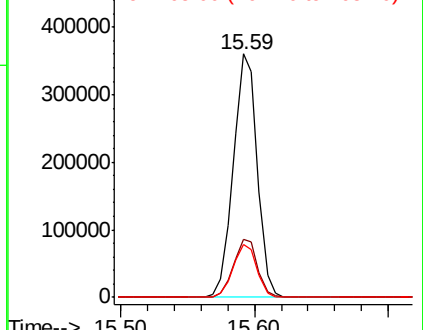


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.295 ng

RT: 15.16 min Scan# 2223

Delta R.T. 0.02 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

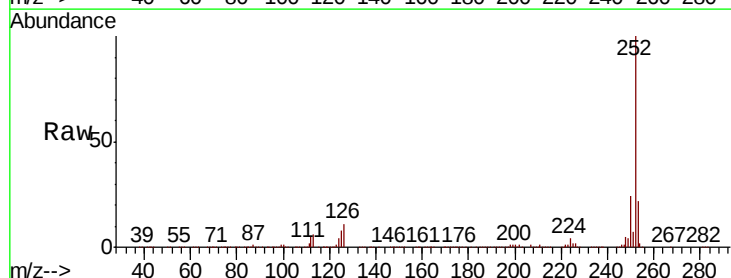
Tgt Ion:252 Resp: 1180949

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.5 7.0 10.6

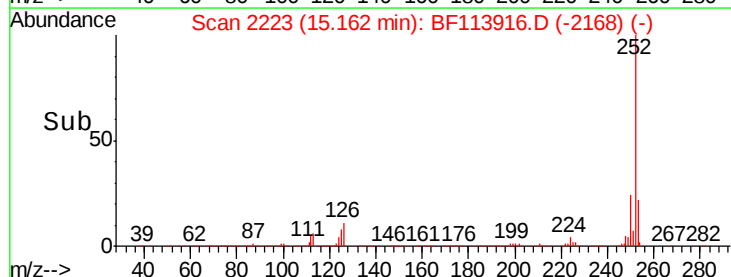
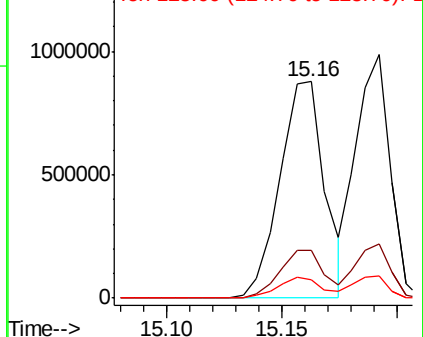


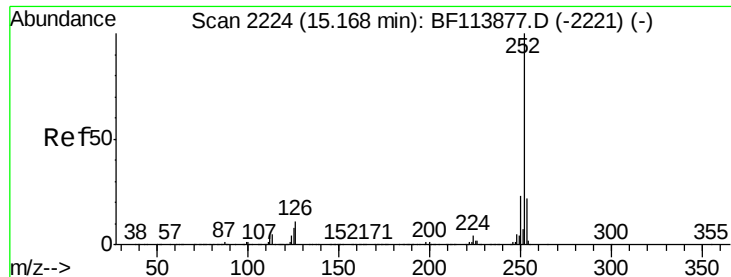
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

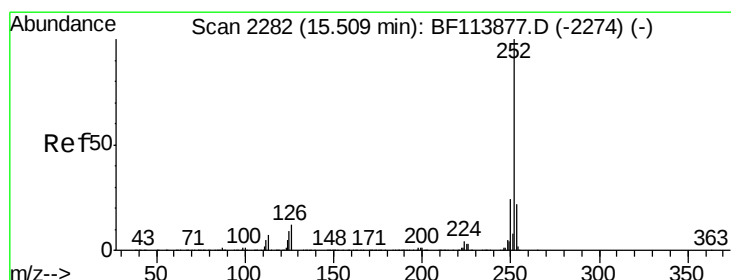
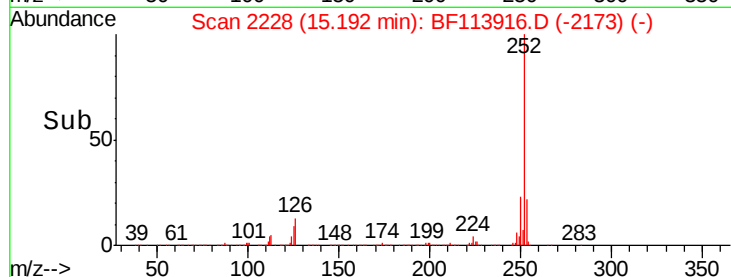
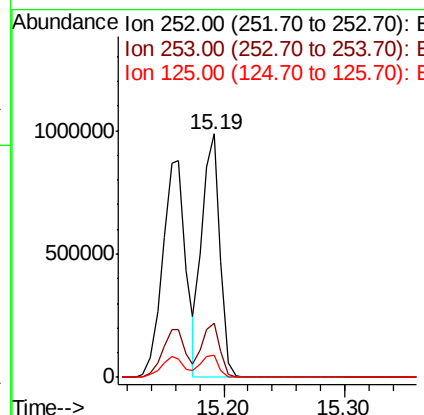
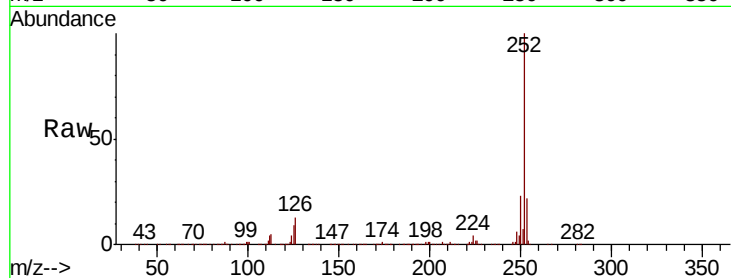




#89
Benzo(k)fluoranthene
Concen: 41.500 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

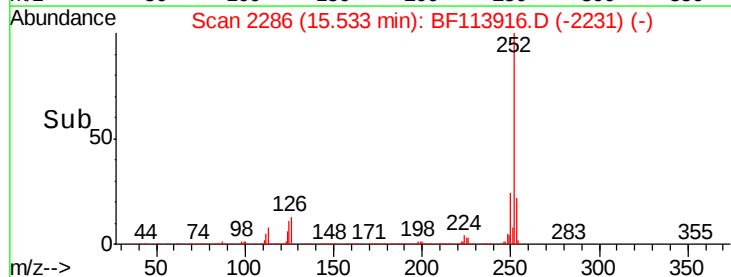
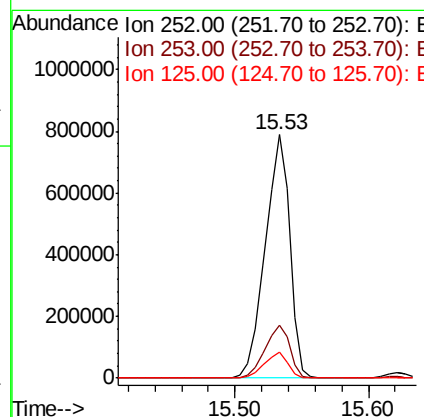
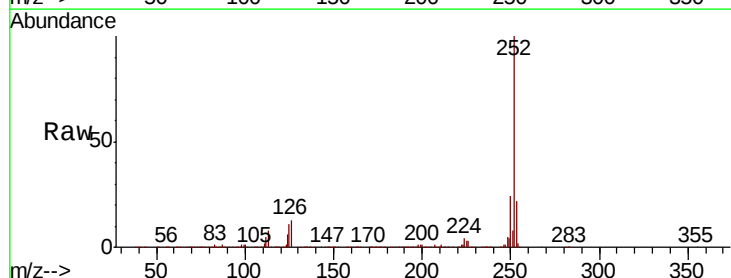
Instrument :
BNA_F
ClientSampleId :

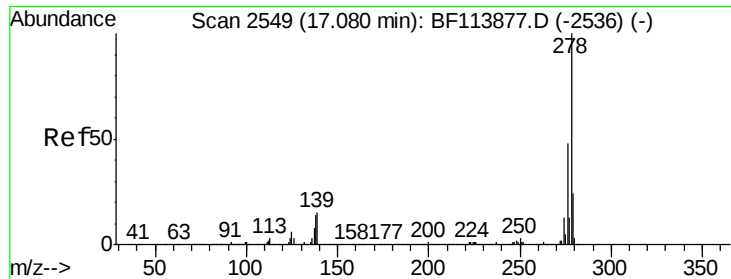
Tot Ion:252 Resp: 1020860
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.463 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.02 min
Lab File: BF113916.D
Acq: 23 Apr 2019 13:22

Tgt Ion:252 Resp: 1000875
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.7 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 36.152 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.04 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

Instrument :

BNA_F

ClientSampleId :

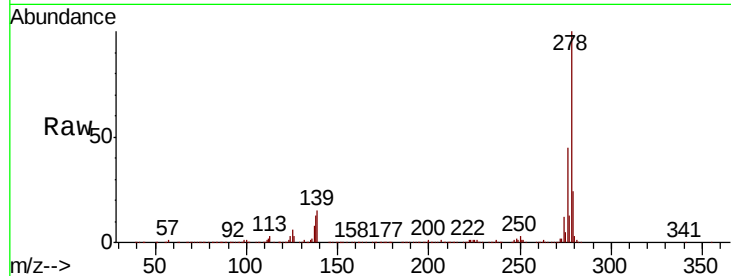
Tot Ion:278 Resp: 839459

Ion Ratio Lower Upper

278 100

139 14.7 11.6 17.4

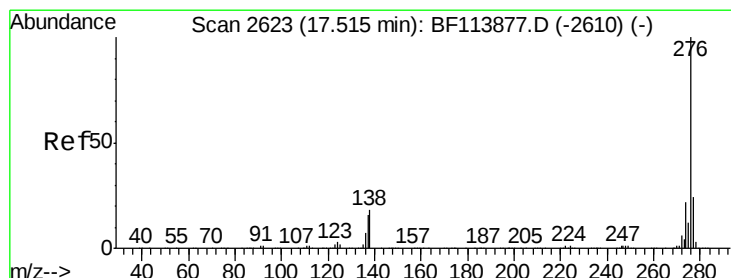
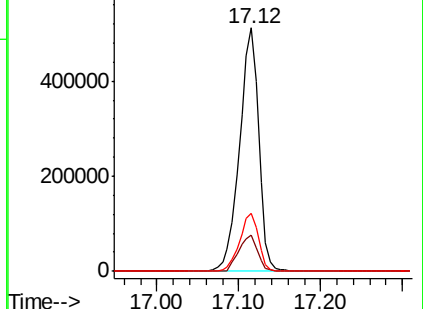
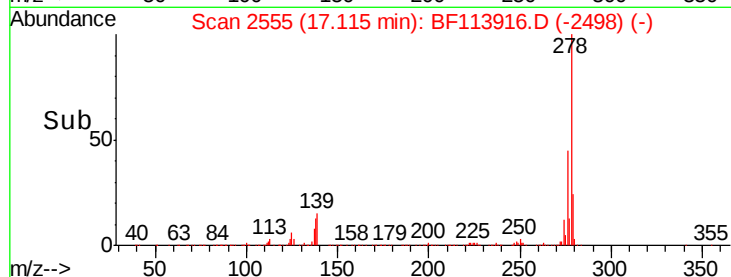
279 23.6 19.0 28.6



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: 34.478 ng

RT: 17.55 min Scan# 2629

Delta R.T. 0.04 min

Lab File: BF113916.D

Acq: 23 Apr 2019 13:22

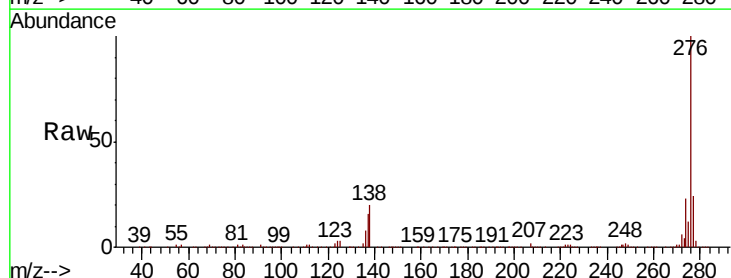
Tgt Ion:276 Resp: 807924

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 19.9 16.6 25.0



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

