

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112923.D
 Acq On : 7 Mar 2019 16:08
 Operator : JU/SJ
 Sample : K1757-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:19:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169274	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	650921	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	325803	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	658337	20.00	ng	0.00
76) Chrysene-d12	13.87	240	446937	20.00	ng	0.00
87) Perylene-d12	15.26	264	413939	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1151579	105.82	ng	0.00
7) Phenol-d6	6.37	99	1494495	109.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	899958	82.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	421881	121.97	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1315718	62.37	ng	-0.01
79) Terphenyl-d14	12.82	244	1462295	63.42	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.41	88	169798	31.128	ng	97
3) Pyridine	3.13	79	436057	29.880	ng	98
4) n-Nitrosodimethylamine	3.05	42	196214	30.736	ng	97
6) Aniline	6.39	93	471683	25.068	ng	# 78
8) 2-Chlorophenol	6.52	128	434693	35.885	ng	92
9) Benzaldehyde	6.27	77	239323	24.298	ng	99
10) Phenol	6.39	94	563432	35.322	ng	89
11) bis(2-Chloroethyl)ether	6.47	93	428200	34.974	ng	96
12) 1,3-Dichlorobenzene	6.67	146	455835	36.427	ng	97
13) 1,4-Dichlorobenzene	6.75	146	463973	36.972	ng	97
14) 1,2-Dichlorobenzene	6.90	146	438892	38.151	ng	98
15) Benzyl Alcohol	6.87	79	380157	36.471	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	693409	33.937	ng	98
17) 2-Methylphenol	6.99	107	365469	37.190	ng	96
18) Hexachloroethane	7.25	117	167381	34.819	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	297857	34.405	ng	96
20) 3+4-Methylphenols	7.15	107	426698	38.459	ng	93
22) Acetophenone	7.14	105	585433	38.464	ng	94
24) Nitrobenzene	7.31	77	465484	38.447	ng	99
25) Isophorone	7.55	82	861346	36.754	ng	99
26) 2-Nitrophenol	7.63	139	240048	47.628	ng	96
27) 2,4-Dimethylphenol	7.67	122	399743	42.633	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	549652	37.514	ng	100
29) 2,4-Dichlorophenol	7.87	162	378610	41.639	ng	96
30) 1,2,4-Trichlorobenzene	7.96	180	397516	40.687	ng	98
31) Naphthalene	8.03	128	1254647	38.823	ng	99
32) Benzoic acid	7.78	122	205266	31.234	ng	88
33) 4-Chloroaniline	8.08	127	201372	14.712	ng	99
34) Hexachlorobutadiene	8.16	225	224474	40.739	ng	99
35) Caprolactam	8.44	113	75226	23.490	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	396739	39.426	ng	98
37) 2-Methylnaphthalene	8.73	142	839700	40.235	ng	99
38) 1-Methylnaphthalene	8.83	142	788488	39.003	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	368572	38.794	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
 Data File : BF112923.D
 Acq On : 7 Mar 2019 16:08
 Operator : JU/SJ
 Sample : K1757-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 00:19:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

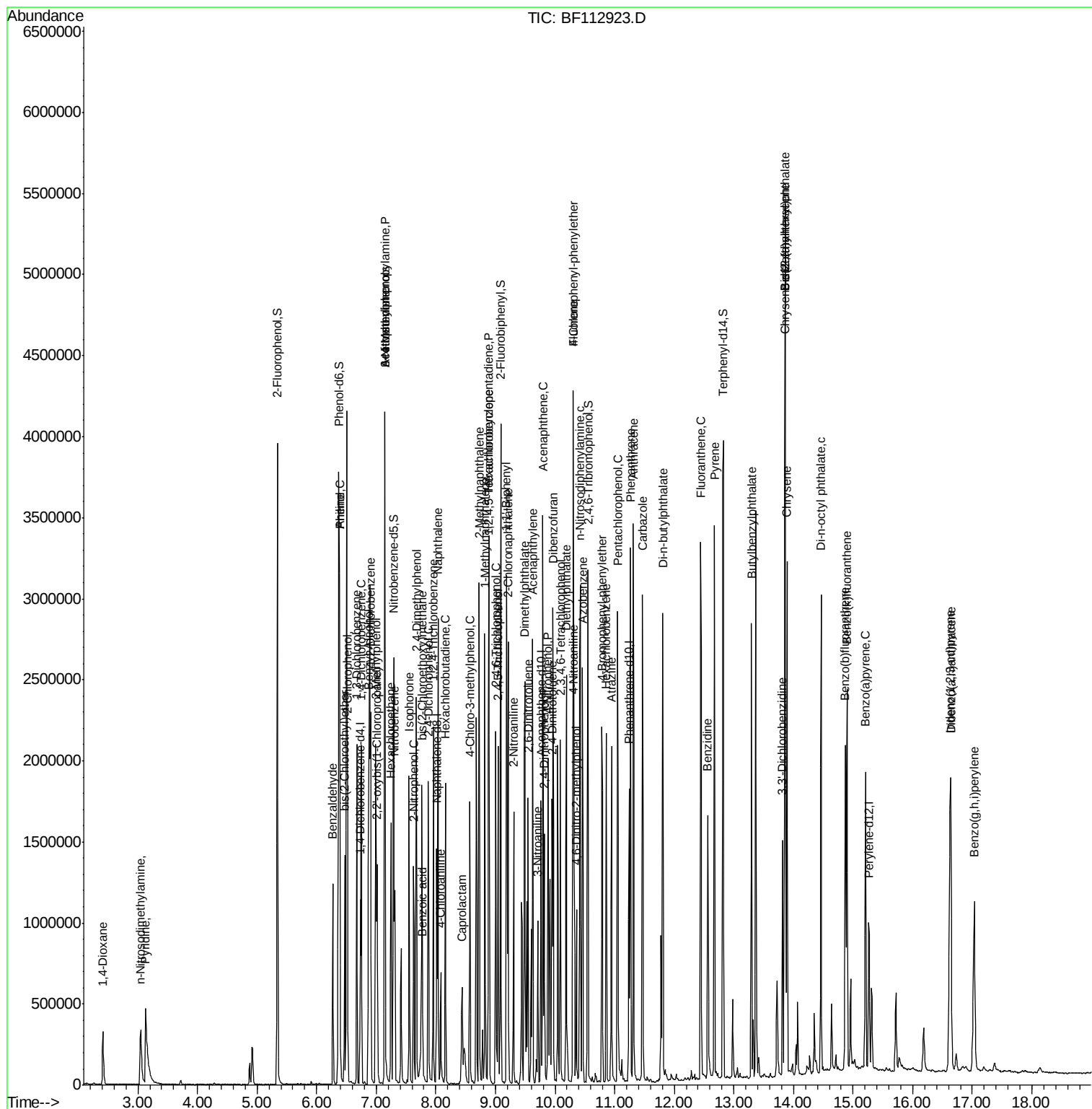
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	425408	81.768	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	279513	42.748	ng	99
44) 2,4,5-Trichlorophenol	9.05	196	298077	42.176	ng	98
46) 1,1'-Biphenyl	9.19	154	1013970	38.156	ng	98
47) 2-Chloronaphthalene	9.21	162	785971	37.878	ng	99
48) 2-Nitroaniline	9.30	65	258547	40.993	ng	97
49) Acenaphthylene	9.63	152	1274910	36.192	ng	98
50) Dimethylphthalate	9.49	163	1044892	43.495	ng	99
51) 2,6-Dinitrotoluene	9.55	165	215798	43.137	ng	88
52) Acenaphthene	9.80	154	748021	36.311	ng	99
53) 3-Nitroaniline	9.71	138	145386	23.851	ng	94
54) 2,4-Dinitrophenol	9.82	184	199199	95.948	ng	96
55) Dibenzofuran	9.97	168	1124297	37.551	ng	97
56) 4-Nitrophenol	9.89	139	391747	79.075	ng	84
57) 2,4-Dinitrotoluene	9.95	165	280610	45.126	ng	# 85
58) Fluorene	10.31	166	803267	37.800	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262685	44.612	ng	94
60) Diethylphthalate	10.19	149	960682	37.864	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	405538	41.017	ng	93
62) 4-Nitroaniline	10.32	138	233258	41.411	ng	95
63) Azobenzene	10.46	77	888817	34.201	ng	95
65) 4,6-Dinitro-2-methylphenol	10.36	198	131710	48.624	ng	79
66) n-Nitrosodiphenylamine	10.42	169	782382	37.056	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	271940	39.217	ng	# 90
68) Hexachlorobenzene	10.86	284	316519	40.493	ng	94
69) Atrazine	10.95	200	258163	39.924	ng	97
70) Pentachlorophenol	11.05	266	363403	78.988	ng	98
71) Phenanthrene	11.26	178	1260377	38.479	ng	100
72) Anthracene	11.32	178	1304120	38.035	ng	100
73) Carbazole	11.47	167	1238333	37.023	ng	100
74) Di-n-butylphthalate	11.81	149	1531310	38.182	ng	100
75) Fluoranthene	12.44	202	1357447	38.681	ng	99
77) Benzidine	12.57	184	612759	26.426	ng	99
78) Pyrene	12.67	202	1387244	36.819	ng	99
80) Butylbenzylphthalate	13.29	149	659547	39.657	ng	97
81) Benzo(a)anthracene	13.85	228	1047083	33.803	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	324442	27.694	ng	100
83) Chrysene	13.89	228	1073183	35.370	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	814704	41.764	ng	98
85) Di-n-octyl phthalate	14.46	149	1410838	42.118	ng	97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1083469	41.886	ng	96
88) Benzo(b)fluoranthene	14.87	252	1037321	38.742	ng	98
89) Benzo(k)fluoranthene	14.90	252	820319	33.824	ng	98
90) Benzo(a)pyrene	15.21	252	889574	37.562	ng	97
91) Dibenzo(a,h)anthracene	16.64	278	907524	44.907	ng	99
92) Benzo(g,h,i)perylene	17.03	276	938432	46.245	ng	97

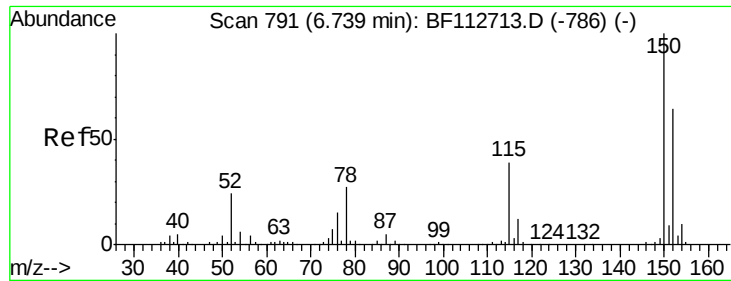
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030719\
Data File : BF112923.D
Acq On : 7 Mar 2019 16:08
Operator : JU/SJ
Sample : K1757-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Mar 08 00:19:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



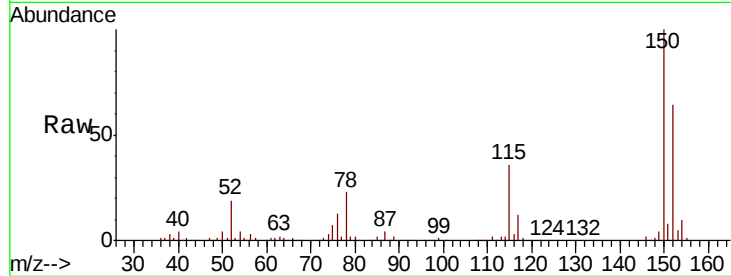


#1

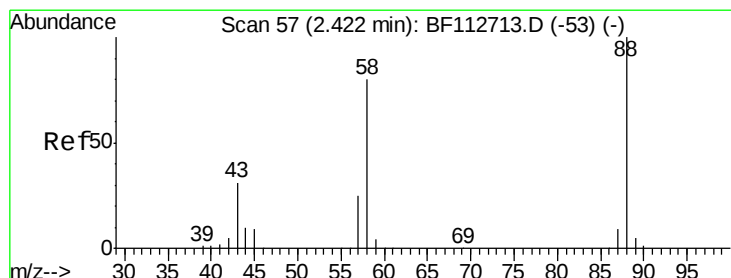
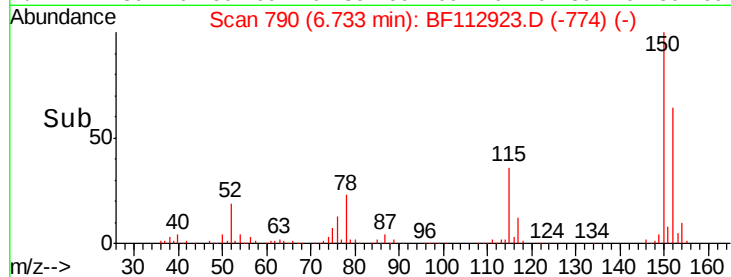
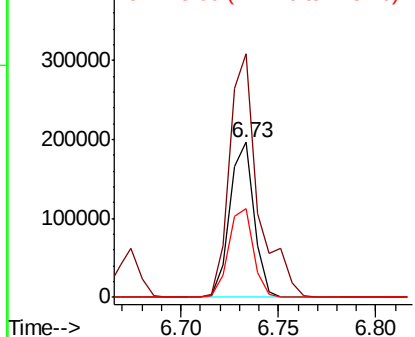
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 169274
Ion Ratio Lower Upper
152 100
150 157.4 124.2 186.2
115 57.0 48.2 72.4



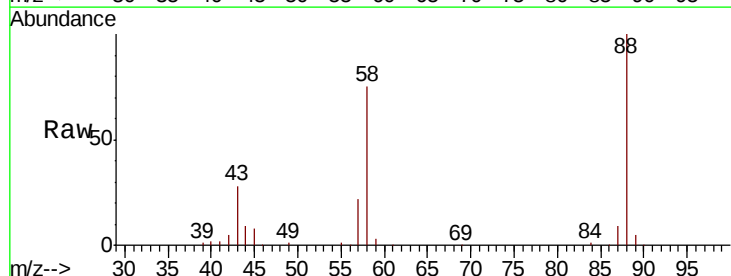
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



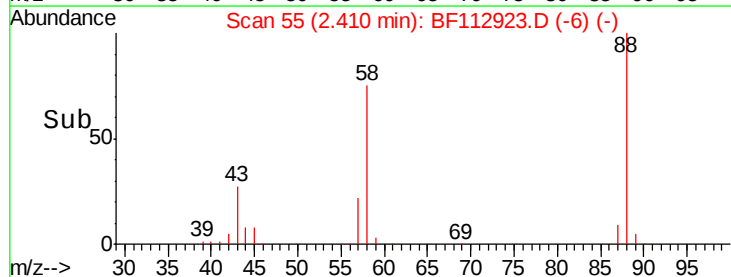
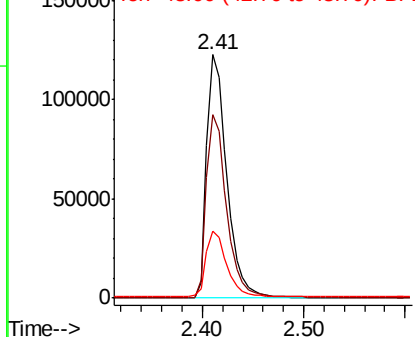
#2

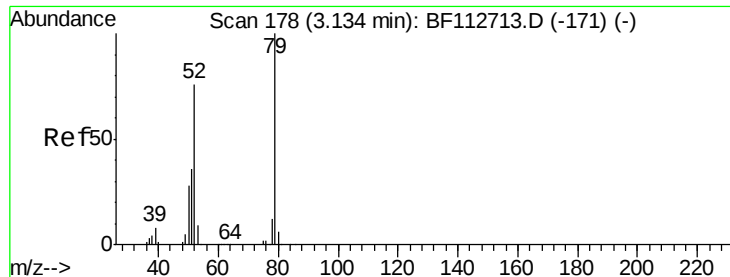
1,4-Dioxane
Concen: 31.128 ng
RT: 2.41 min Scan# 55
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion: 88 Resp: 169798
Ion Ratio Lower Upper
88 100
58 76.4 63.1 94.7
43 27.7 24.3 36.5



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

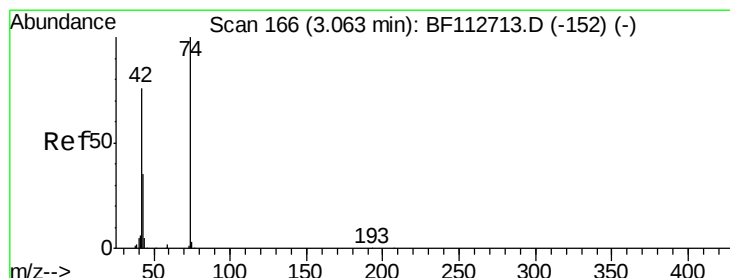
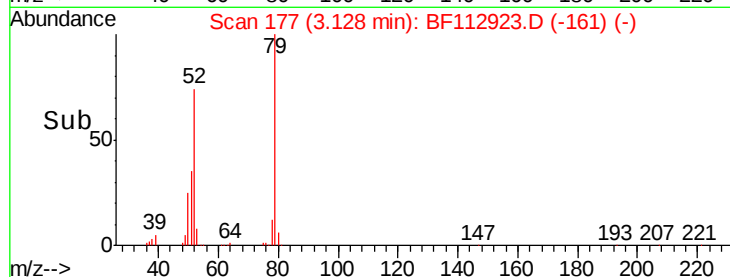
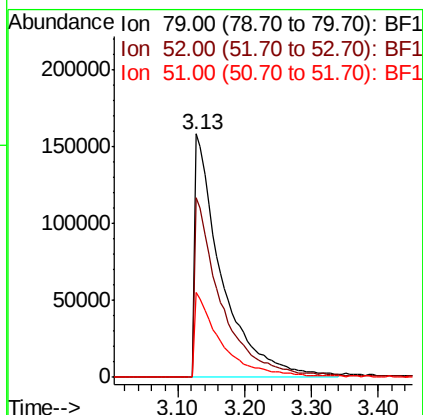
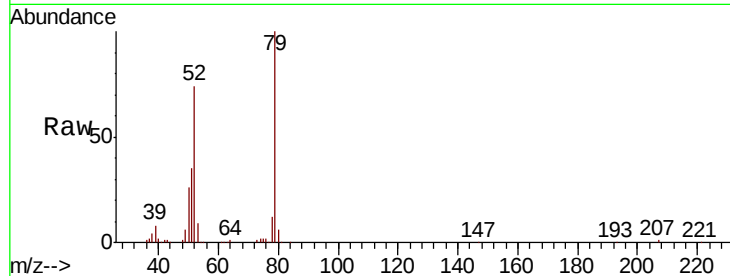




#3
 Pyridine
 Concen: 29.880 ng
 RT: 3.13 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

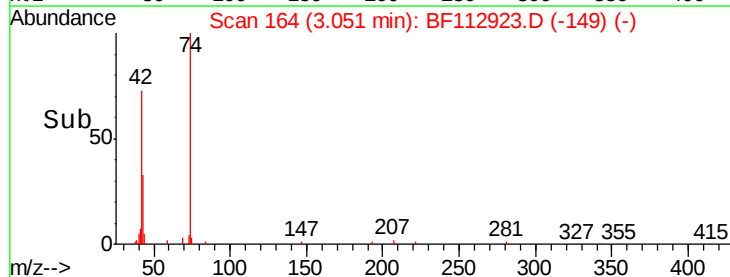
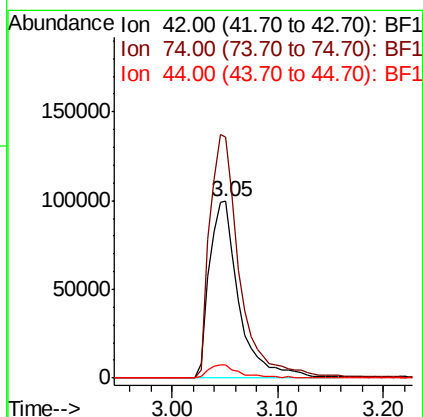
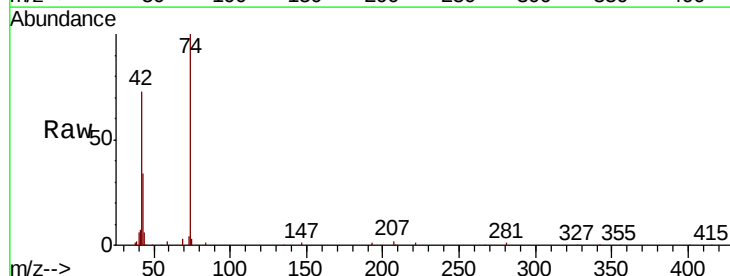
Instrument :
 BNA_F
 ClientSampleId :

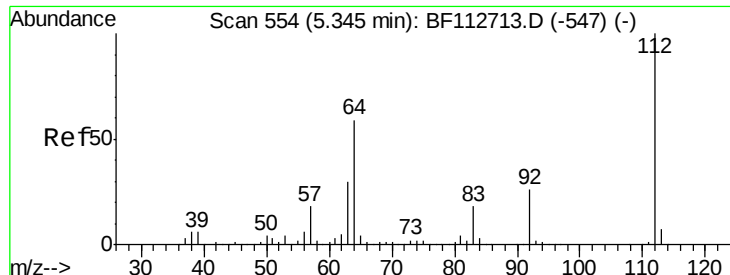
Tgt Ion: 79 Resp: 436057
 Ion Ratio Lower Upper
 79 100
 52 73.7 60.5 90.7
 51 34.9 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 30.736 ng
 RT: 3.05 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion: 42 Resp: 196214
 Ion Ratio Lower Upper
 42 100
 74 136.5 105.8 158.8
 44 7.5 6.2 9.2





#5

2-Fluorophenol

Concen: 105.824 ng

RT: 5.35 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

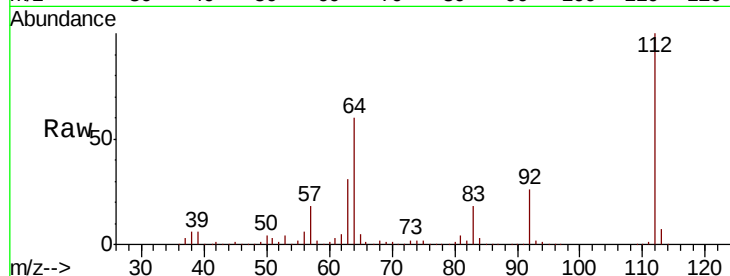
Tgt Ion: 112 Resp: 1151579

Ion Ratio Lower Upper

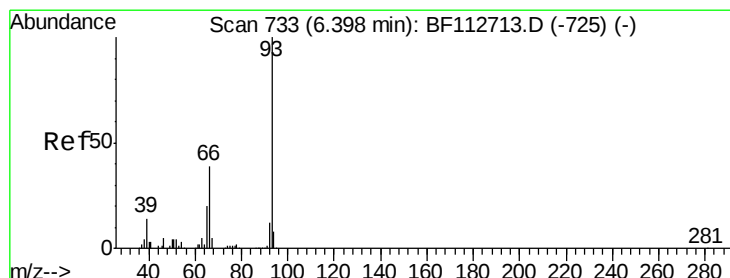
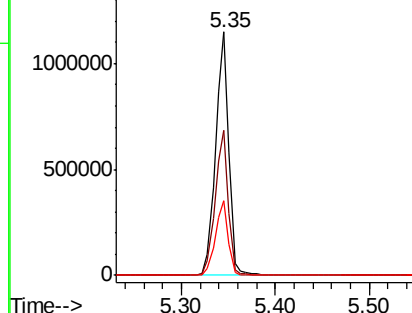
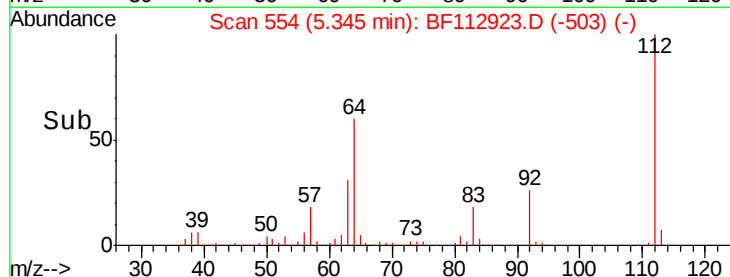
112 100

64 59.7 47.6 71.4

63 30.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.068 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

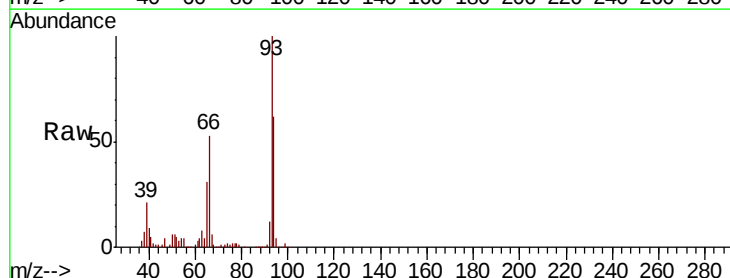
Tgt Ion: 93 Resp: 471683

Ion Ratio Lower Upper

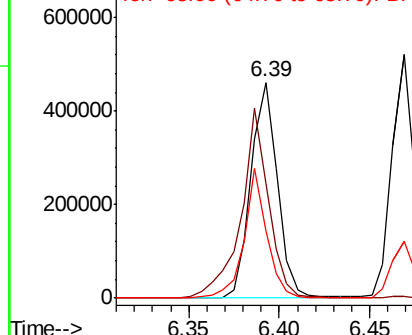
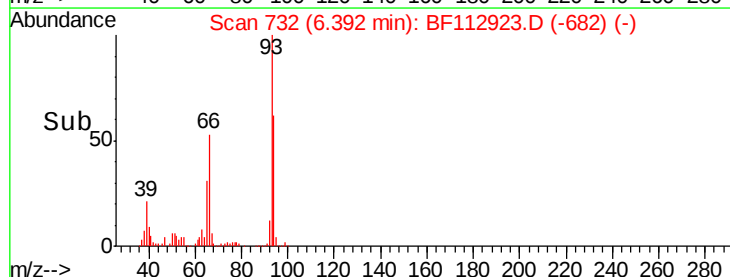
93 100

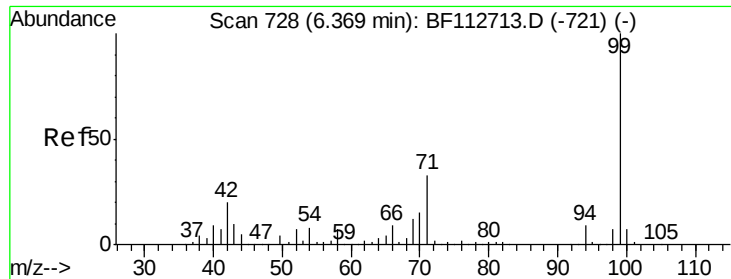
66 53.2 32.2 48.2#

65 31.1 16.2 24.4#



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: 109.330 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

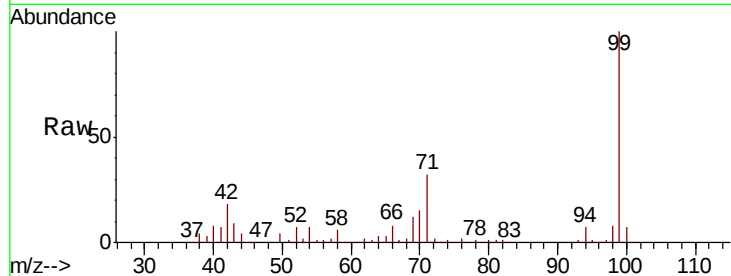
Tgt Ion: 99 Resp: 1494495

Ion Ratio Lower Upper

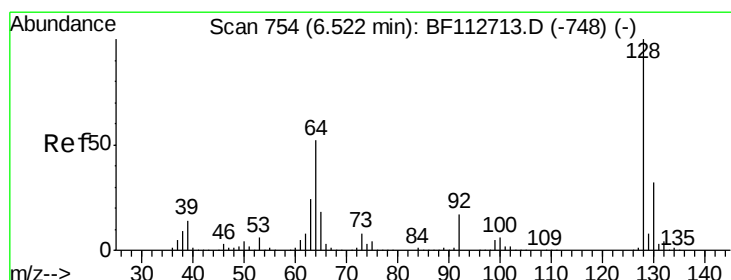
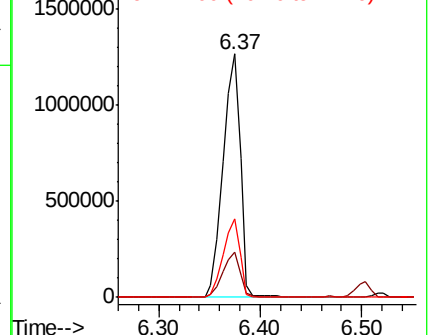
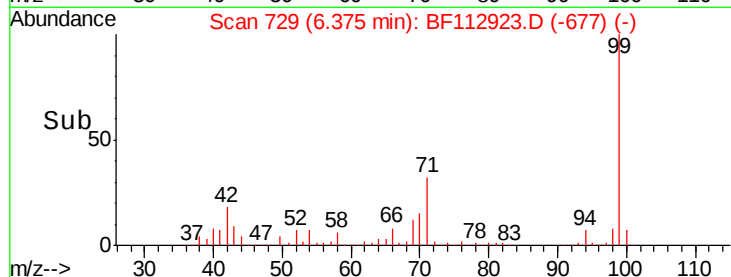
99 100

42 18.3 16.3 24.5

71 32.2 26.2 39.4



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: 35.885 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

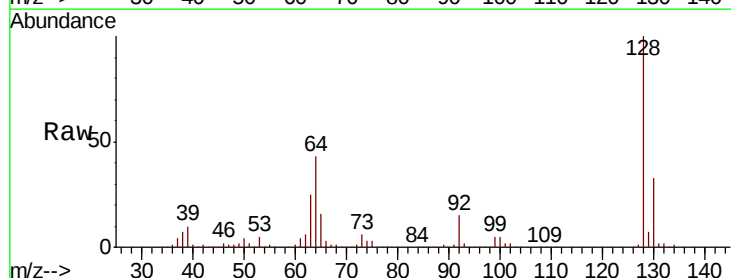
Tgt Ion: 128 Resp: 434693

Ion Ratio Lower Upper

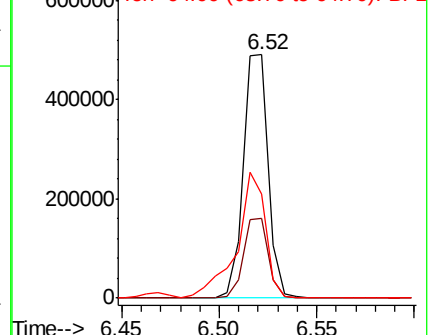
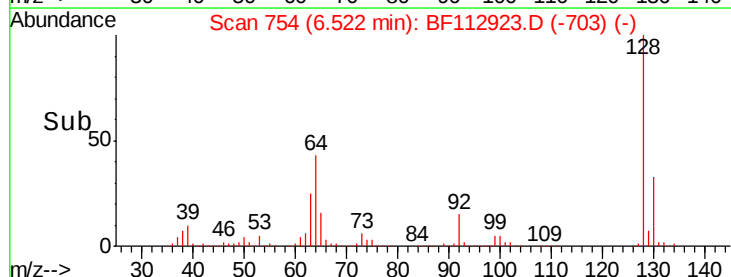
128 100

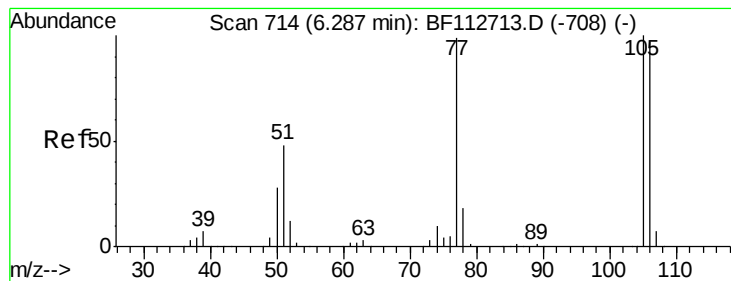
130 32.9 12.4 52.4

64 42.9 32.2 72.2



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: 24.298 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

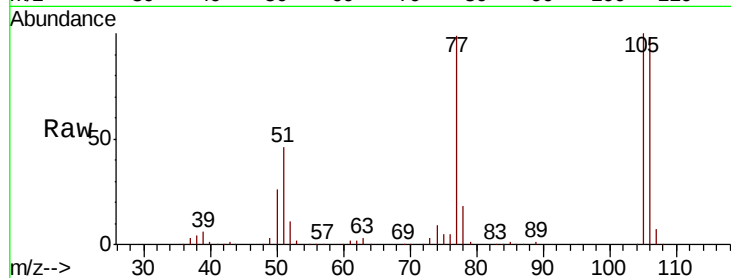
Tgt Ion: 77 Resp: 239323

Ion Ratio Lower Upper

77 100

105 101.3 81.4 121.4

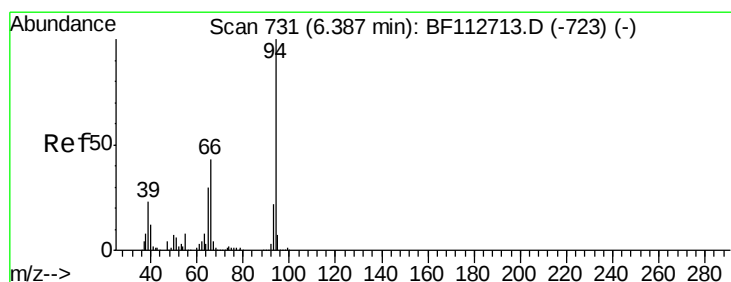
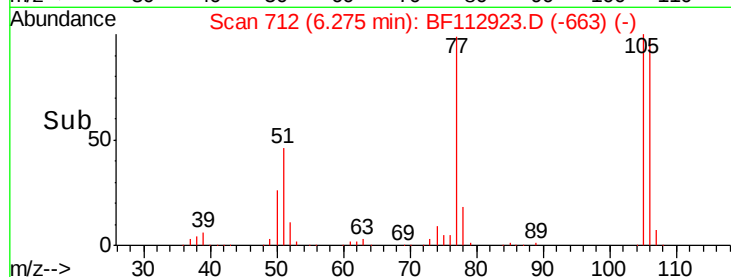
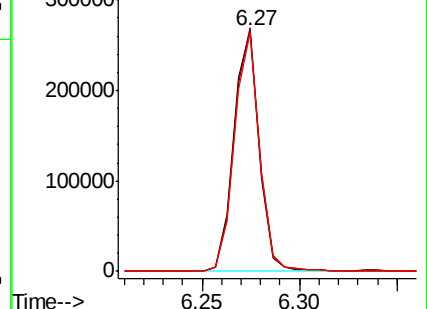
106 99.3 78.3 118.3



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: 35.322 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

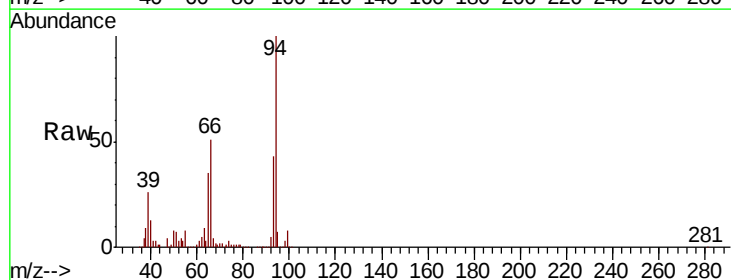
Tgt Ion: 94 Resp: 563432

Ion Ratio Lower Upper

94 100

65 34.7 10.5 50.5

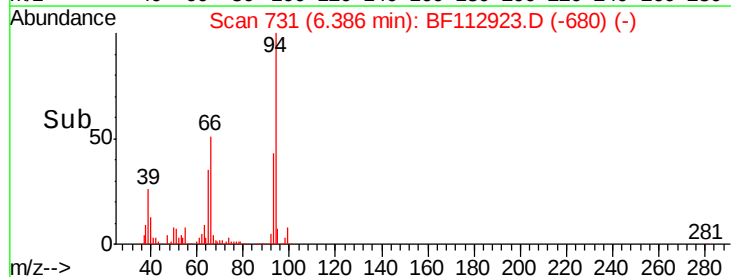
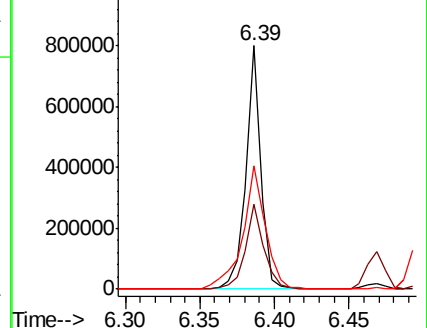
66 50.7 22.6 62.6

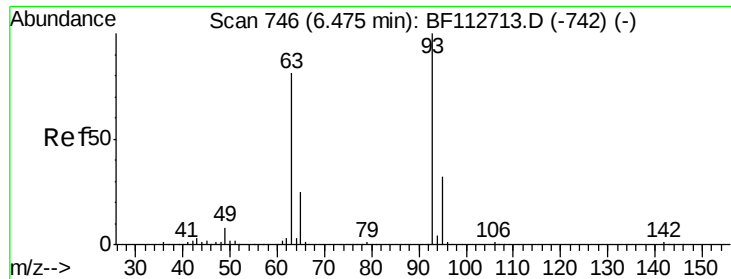


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

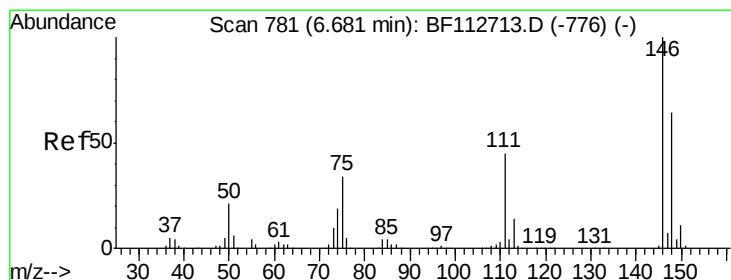
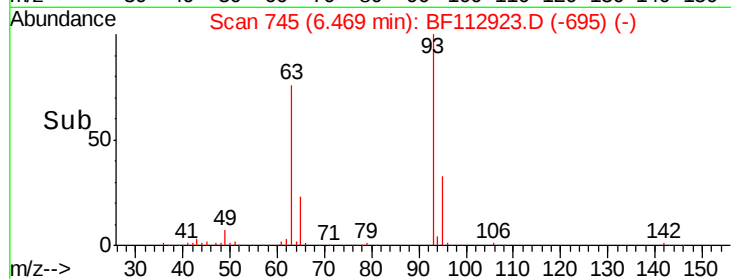
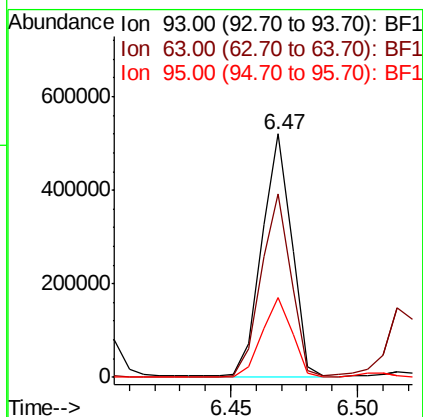
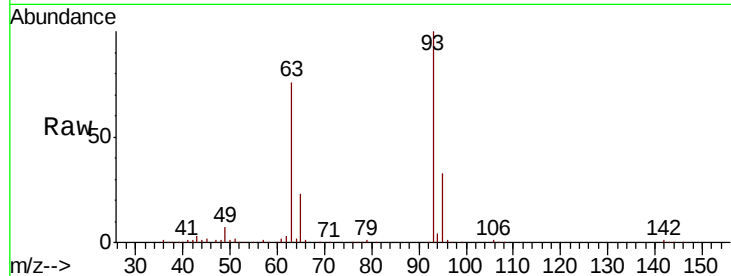




#11
 bis(2-Chloroethyl)ether
 Concen: 34.974 ng
 RT: 6.47 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

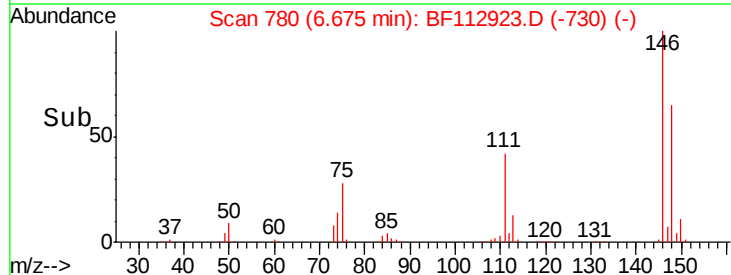
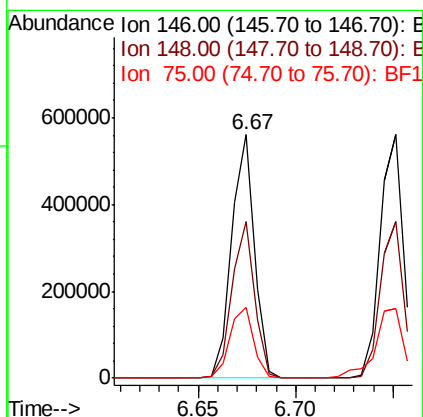
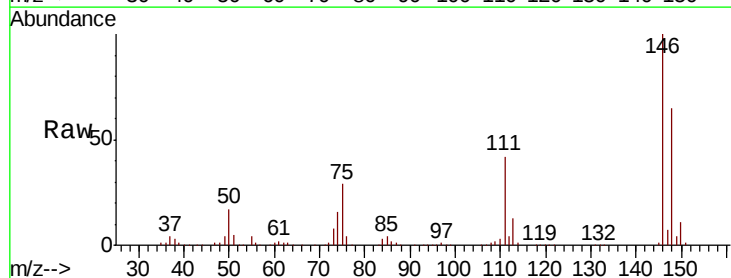
Instrument :
 BNA_F
 ClientSampleId :

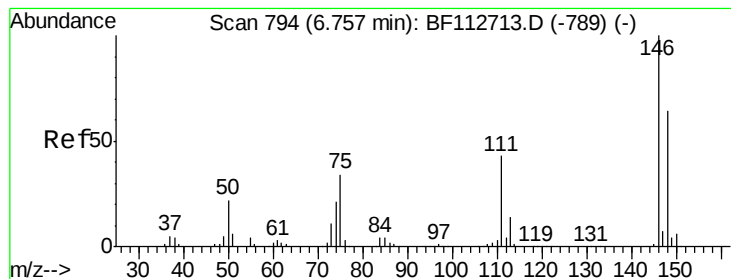
Tgt Ion: 93 Resp: 428200
 Ion Ratio Lower Upper
 93 100
 63 75.6 60.5 100.5
 95 32.7 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 36.427 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion: 146 Resp: 455835
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.9 76.3
 75 29.3 26.9 40.3





#13

1,4-Dichlorobenzene

Concen: 36.972 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

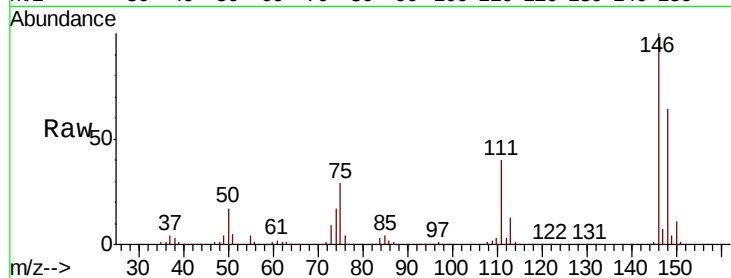
Tgt Ion:146 Resp: 463973

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

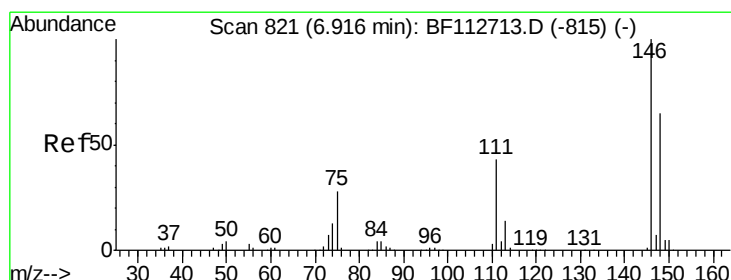
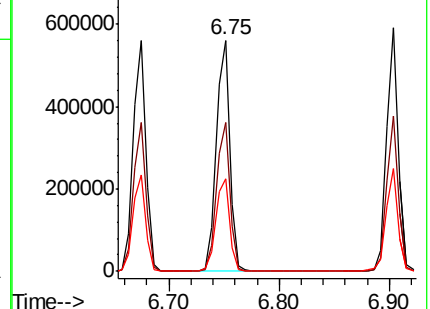
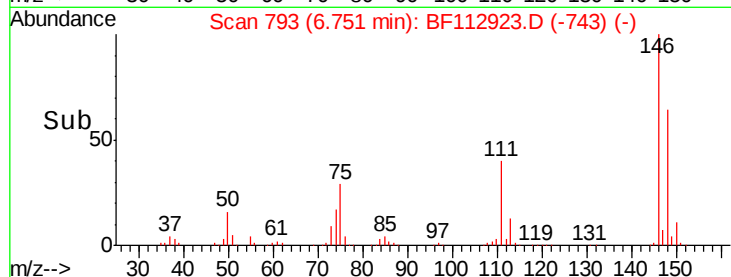
111 39.8 34.5 51.7



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: 38.151 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

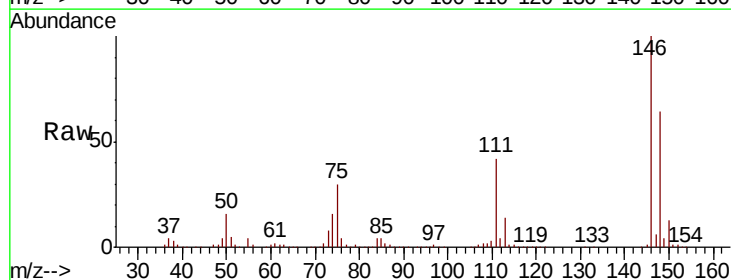
Tgt Ion:146 Resp: 438892

Ion Ratio Lower Upper

146 100

148 63.7 52.0 78.0

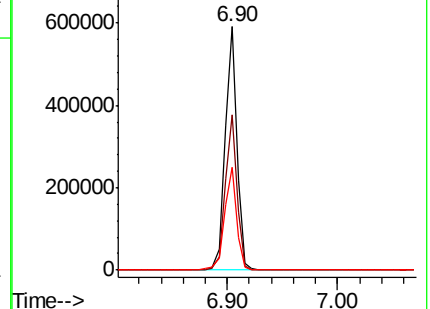
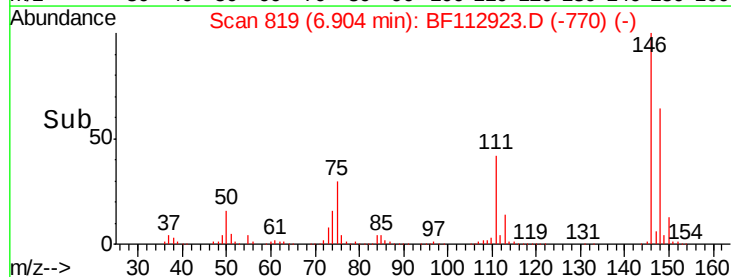
111 42.2 34.8 52.2

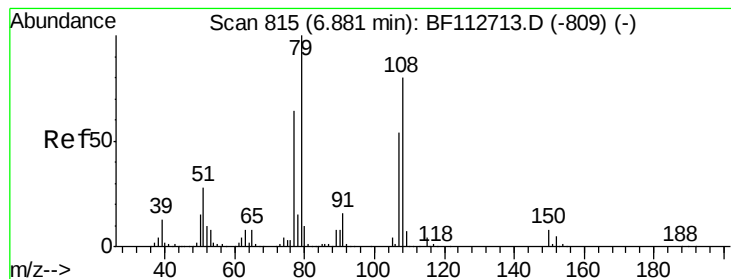


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.471 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

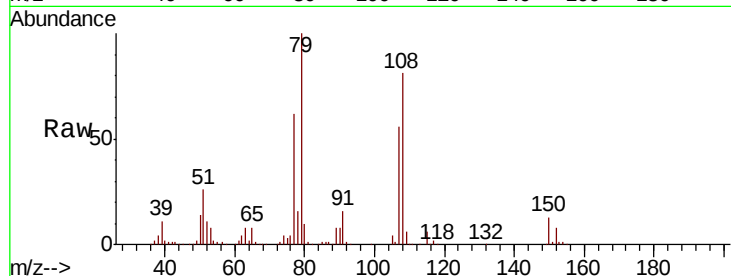
Tgt Ion: 79 Resp: 380157

Ion Ratio Lower Upper

79 100

108 80.8 64.2 96.4

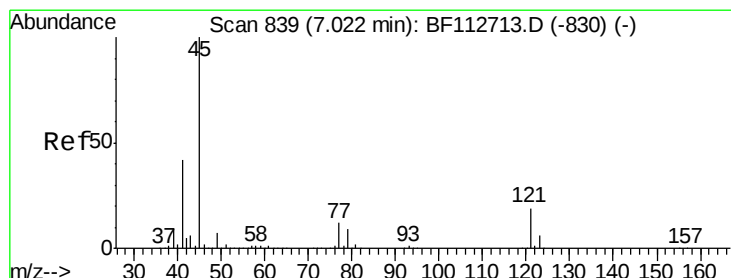
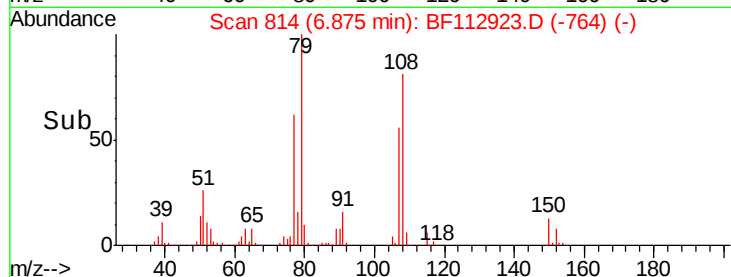
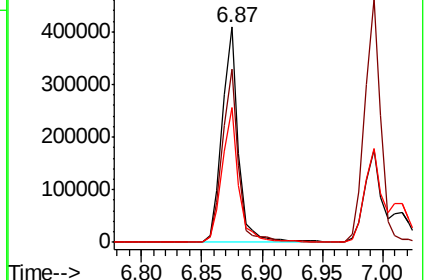
77 62.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.937 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

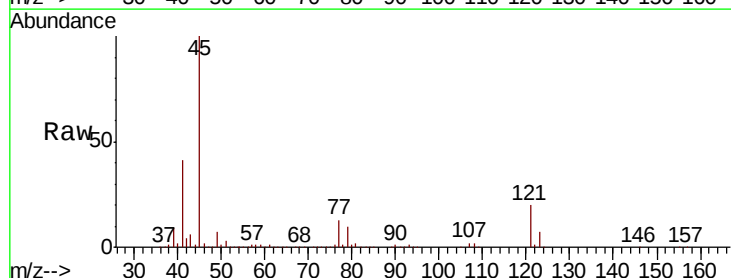
Tgt Ion: 45 Resp: 693409

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.1

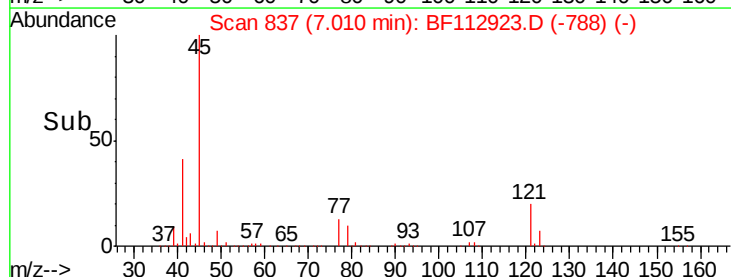
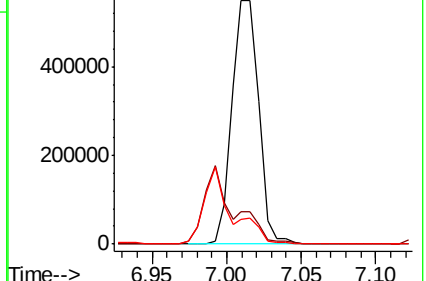
79 10.0 0.0 29.4

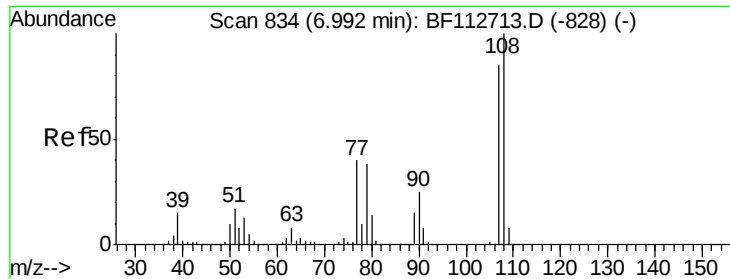


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

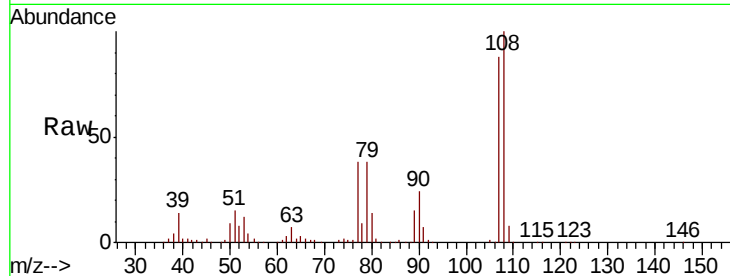




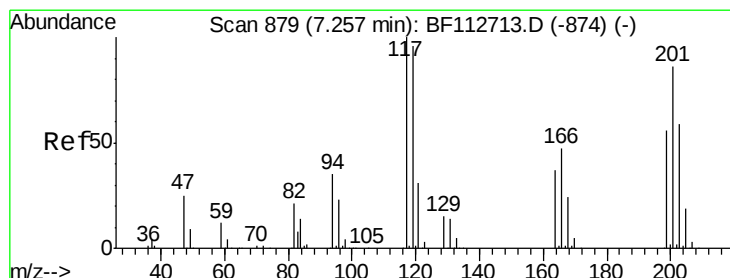
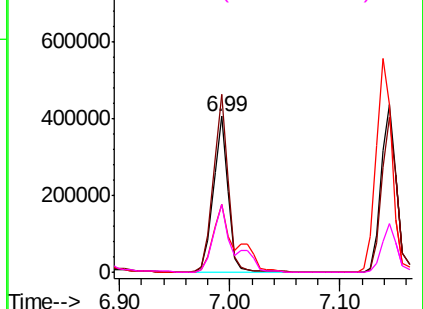
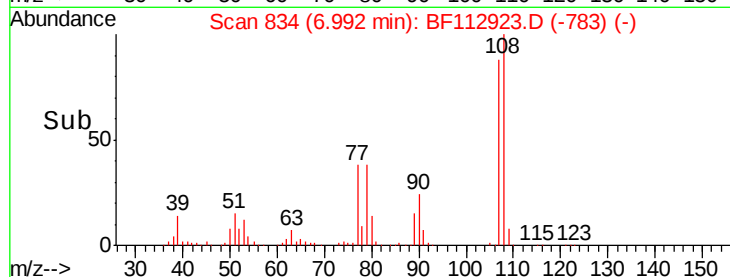
#17
2-Methylphenol
Concen: 37.190 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 365469
Ion Ratio Lower Upper
107 100
108 113.9 94.6 142.0
77 43.8 37.8 56.8
79 43.1 36.2 54.2

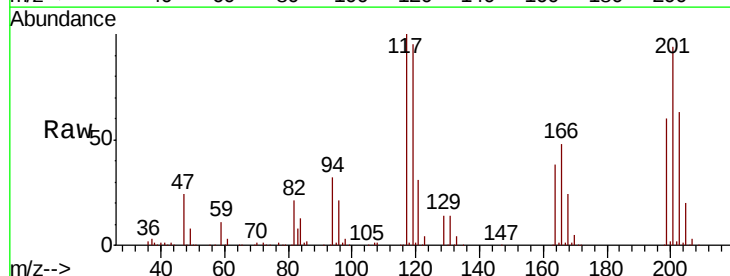


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

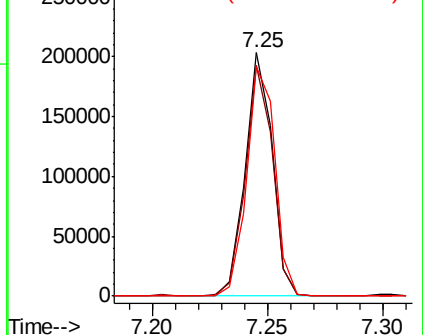
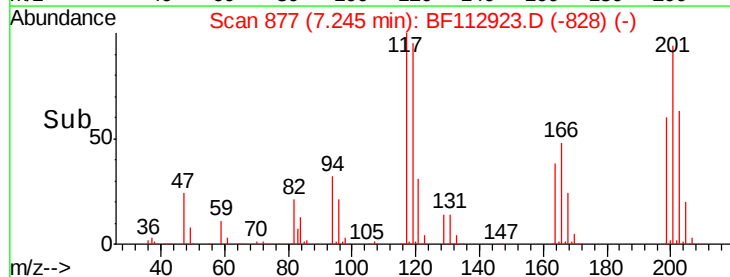


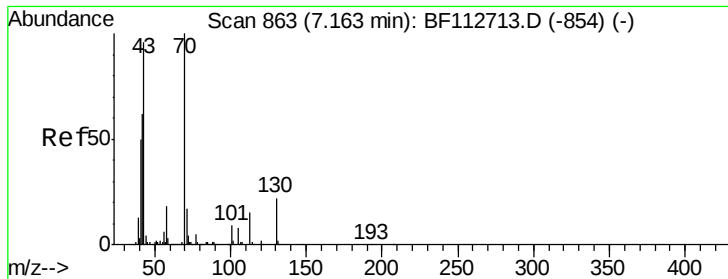
#18
Hexachloroethane
Concen: 34.819 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:117 Resp: 167381
Ion Ratio Lower Upper
117 100
119 94.8 76.6 115.0
201 94.3 68.9 103.3



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

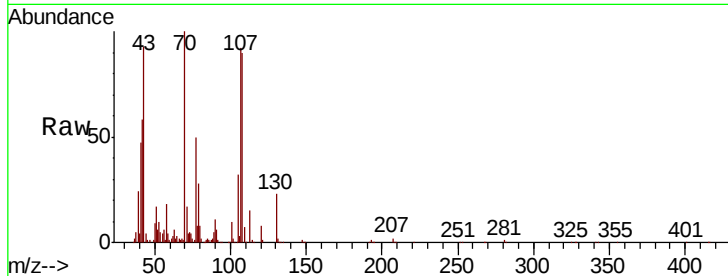




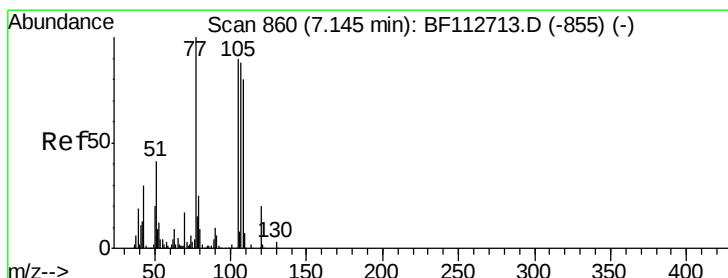
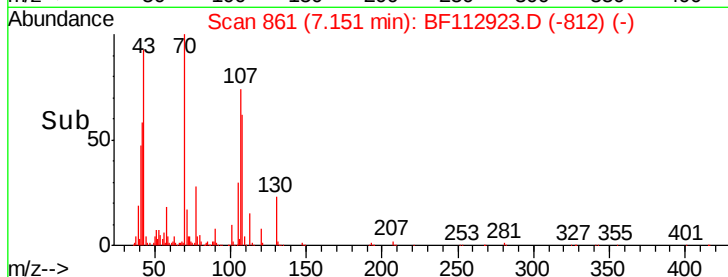
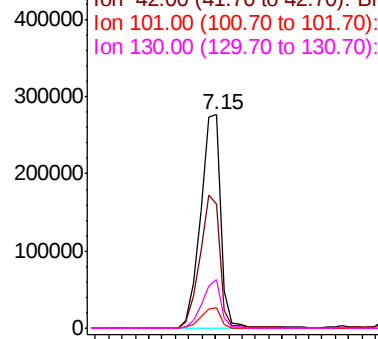
#19
n-Nitroso-di-n-propylamine
Concen: 34.405 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:	70	Resp:	297857
Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.9	74.9
101	9.8	7.4	11.2
130	22.7	17.4	26.2

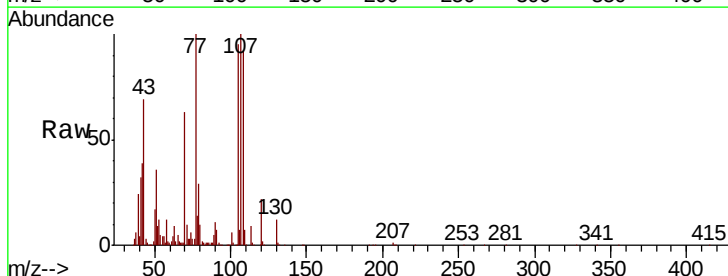


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

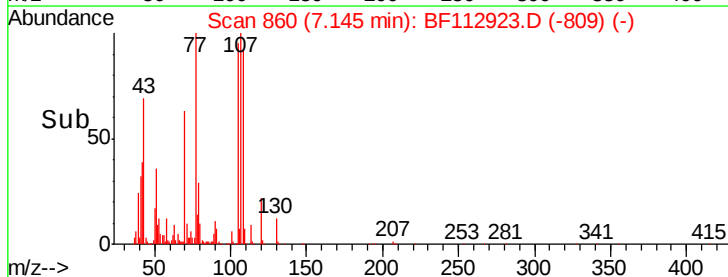
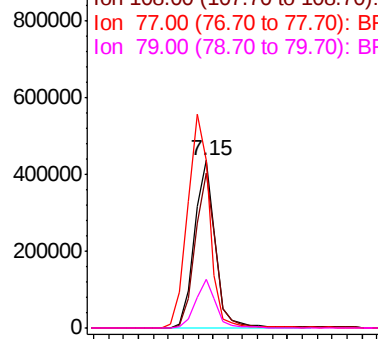


#20
3+4-Methylphenols
Concen: 38.459 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:	107	Resp:	426698
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.4	111.4
77	100.5	94.1	134.1
79	29.4	8.6	48.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampled :

Tgt Ion:136 Resp: 650921

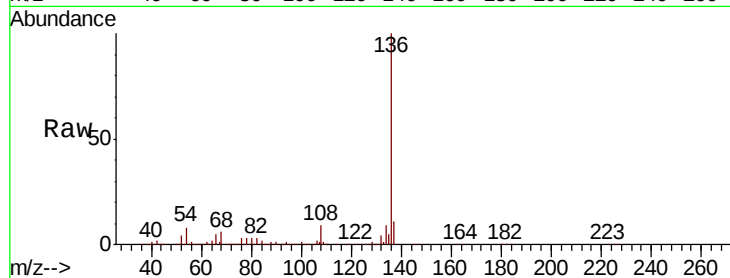
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 7.3 10.9

68 6.2 5.4 8.2

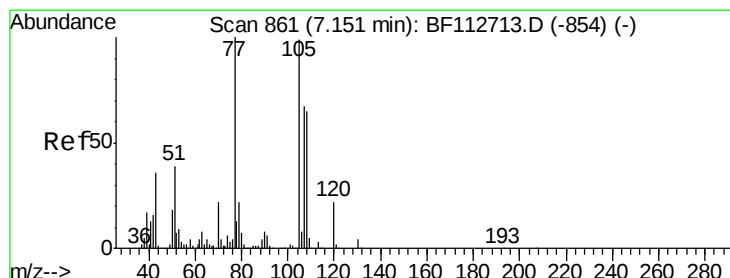
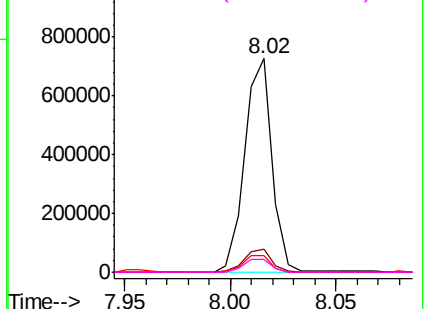
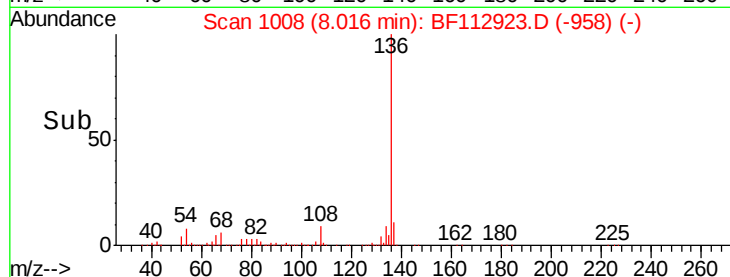


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.464 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Tgt Ion:105 Resp: 585433

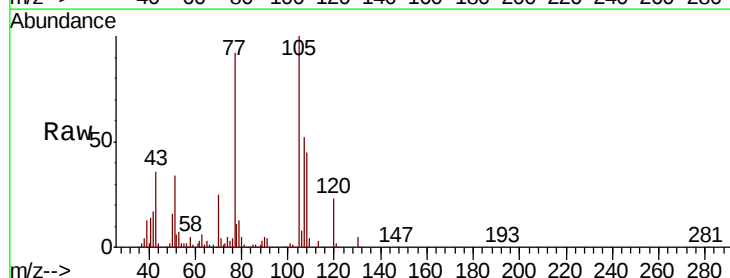
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.4

51 33.9 31.5 47.3

120 23.0 18.1 27.1

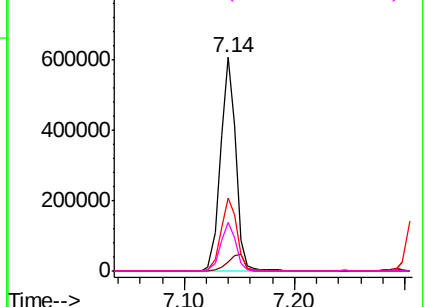
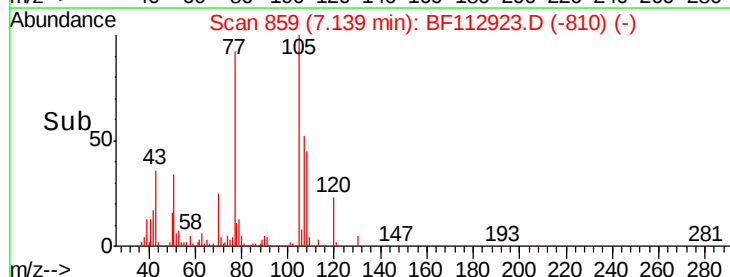


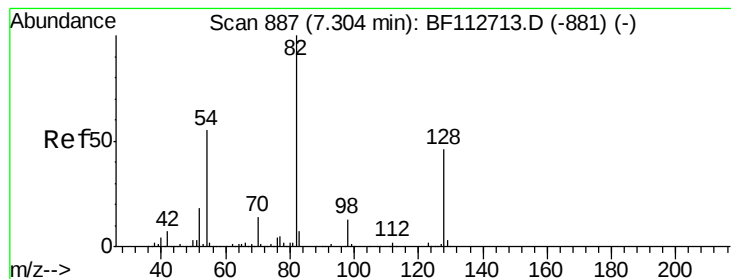
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.731 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampled :

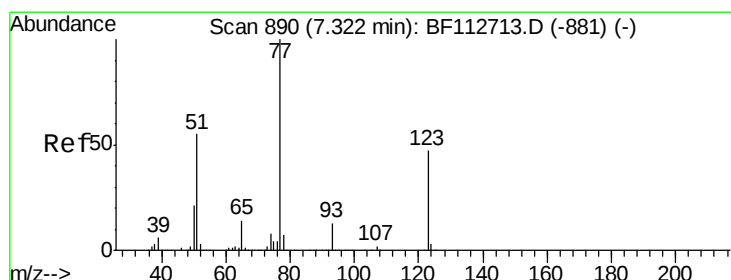
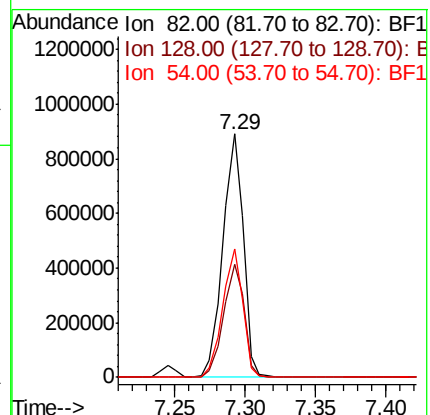
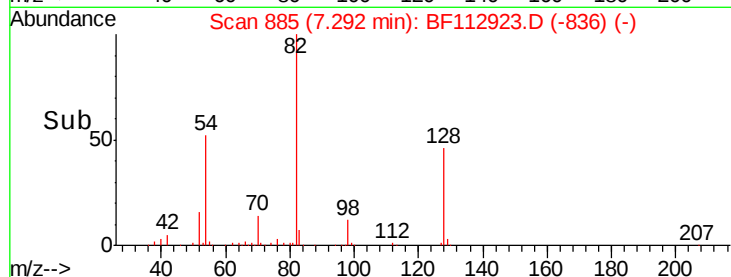
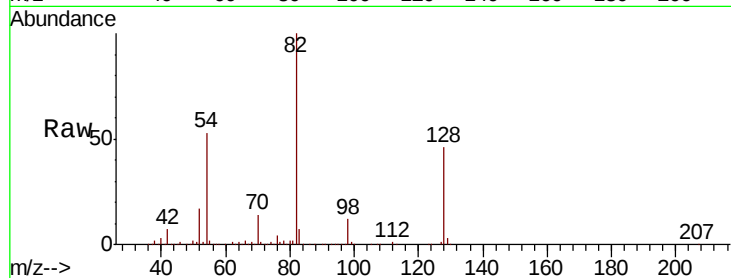
Tgt Ion: 82 Resp: 899958

Ion Ratio Lower Upper

82 100

128 46.4 36.3 54.5

54 52.5 43.7 65.5



#24

Nitrobenzene

Concen: 38.447 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

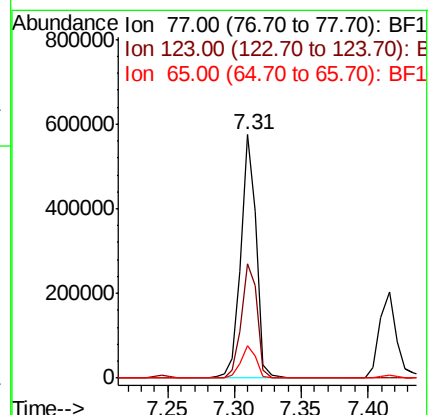
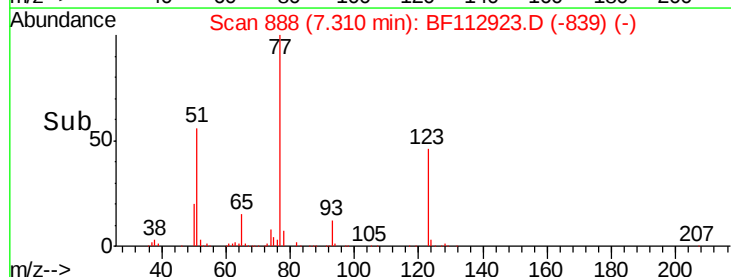
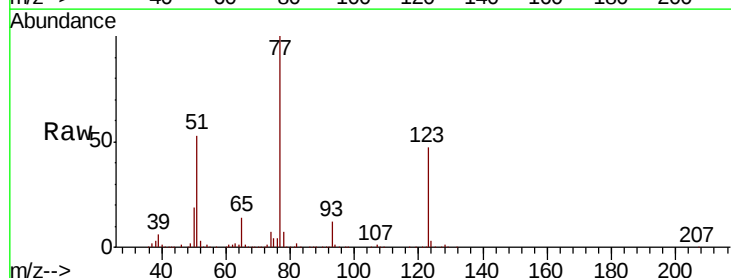
Tgt Ion: 77 Resp: 465484

Ion Ratio Lower Upper

77 100

123 46.7 37.8 56.6

65 13.6 11.1 16.7

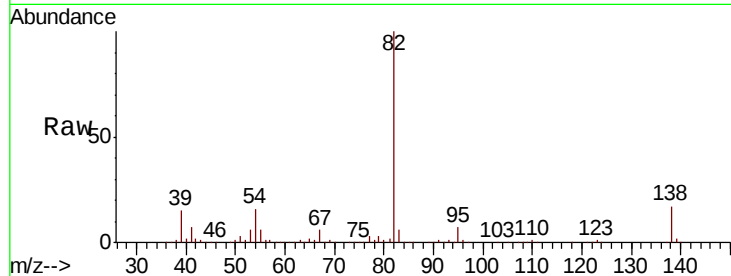




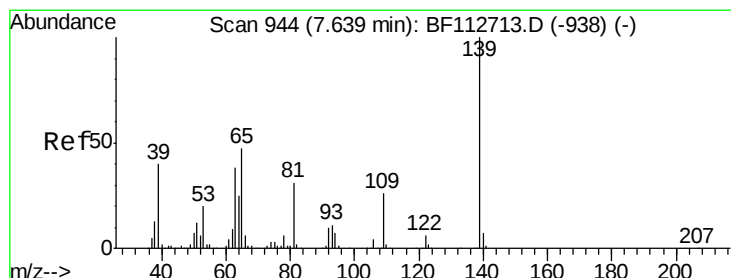
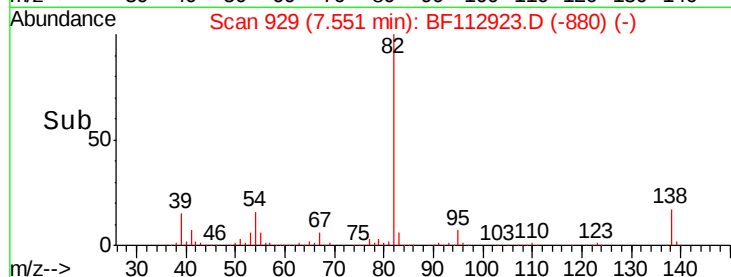
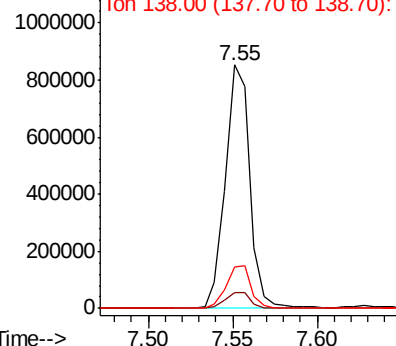
#25
Isophorone
Concen: 36.754 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 861346
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.1 13.8 20.8

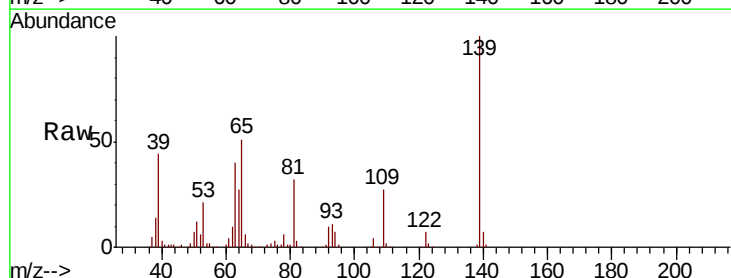


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

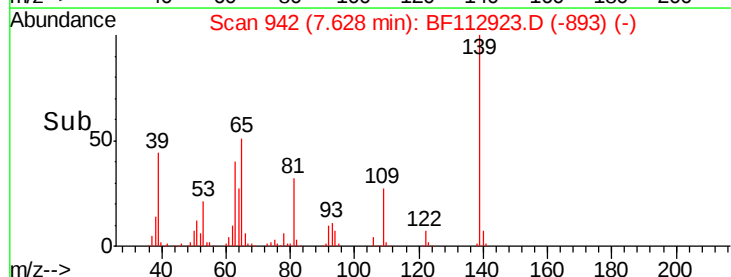
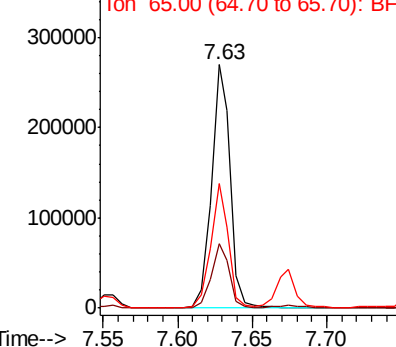


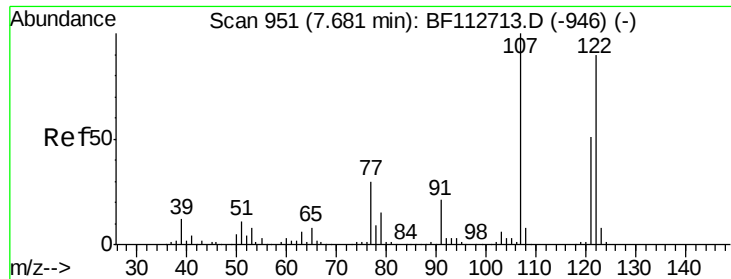
#26
2-Nitrophenol
Concen: 47.628 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion: 139 Resp: 240048
Ion Ratio Lower Upper
139 100
109 26.7 20.6 31.0
65 51.2 37.9 56.9



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

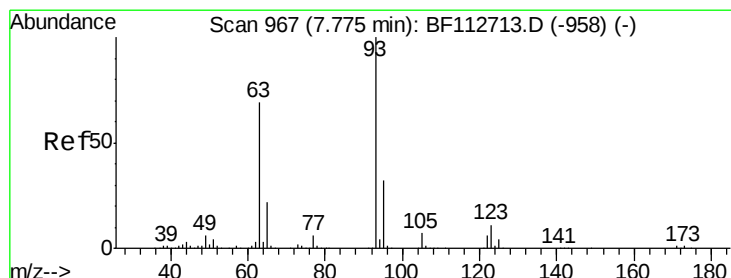
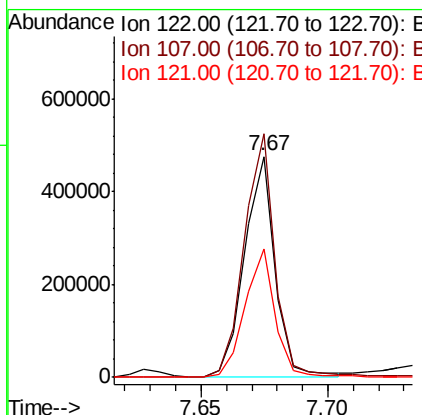
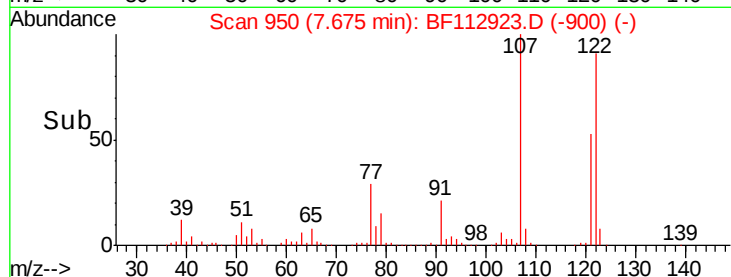
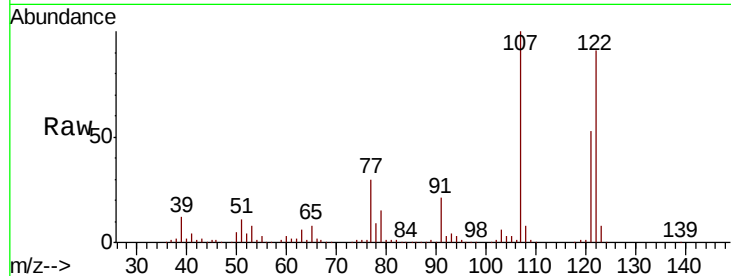




#27
 2,4-Dimethylphenol
 Concen: 42.633 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

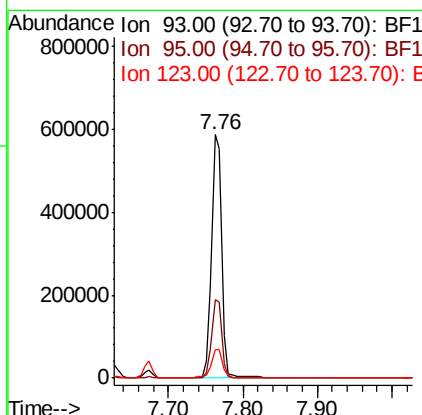
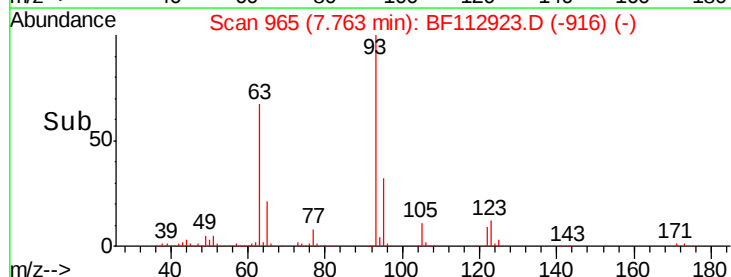
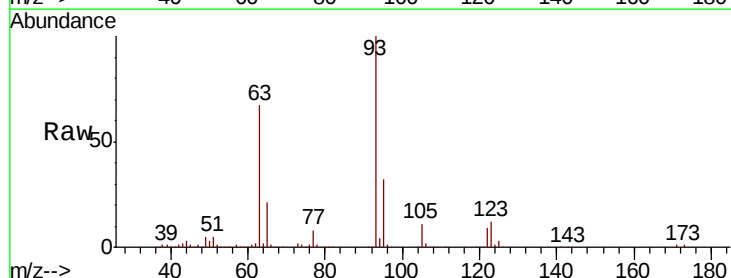
Instrument :
 BNA_F
 ClientSampleId :

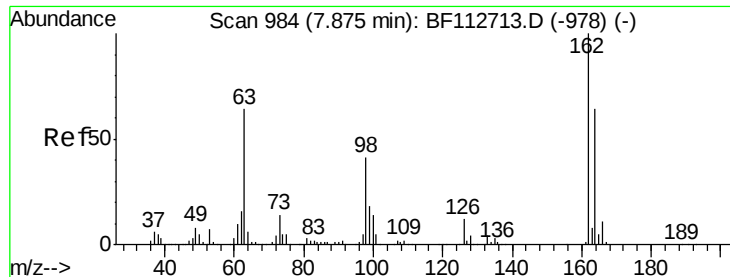
Tgt Ion:122 Resp: 399743
 Ion Ratio Lower Upper
 122 100
 107 110.3 89.4 134.0
 121 57.9 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.514 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion: 93 Resp: 549652
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.0 39.0
 123 11.7 9.3 13.9

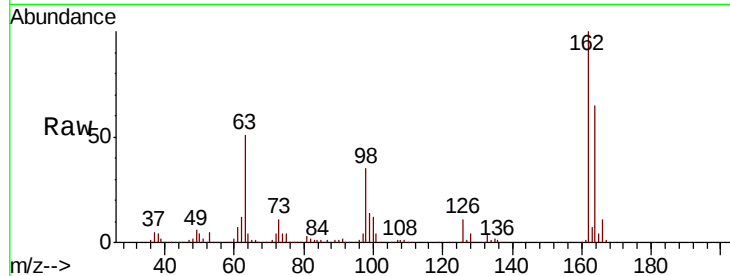




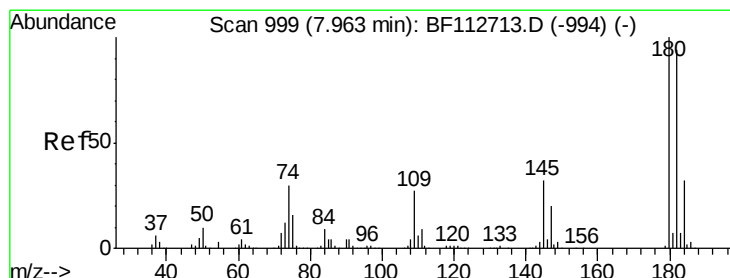
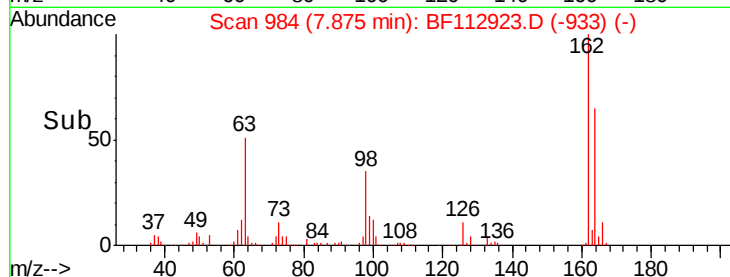
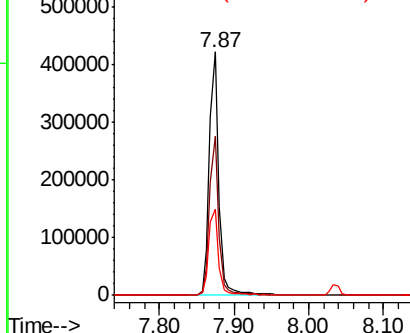
#29
2,4-Dichlorophenol
Concen: 41.639 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampled :

Tgt Ion:162 Resp: 378610
Ion Ratio Lower Upper
162 100
164 65.4 44.0 84.0
98 35.3 20.7 60.7

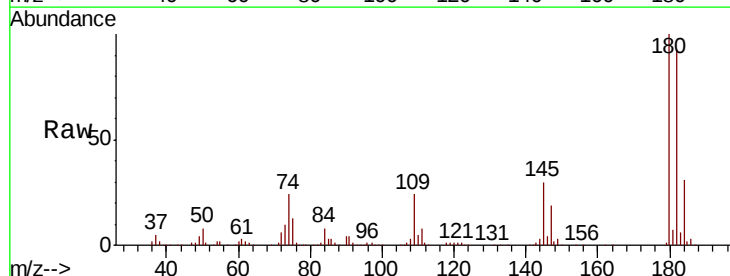


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

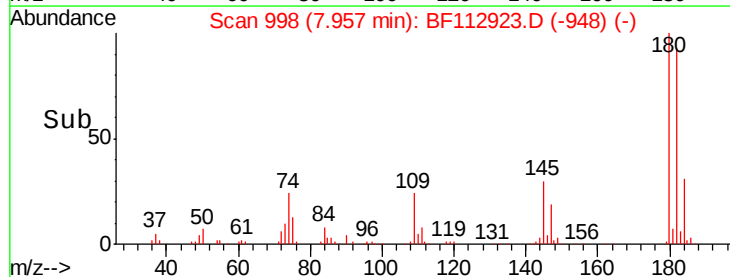
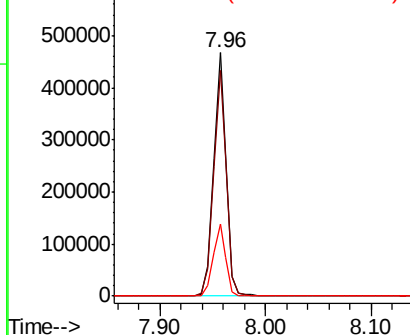


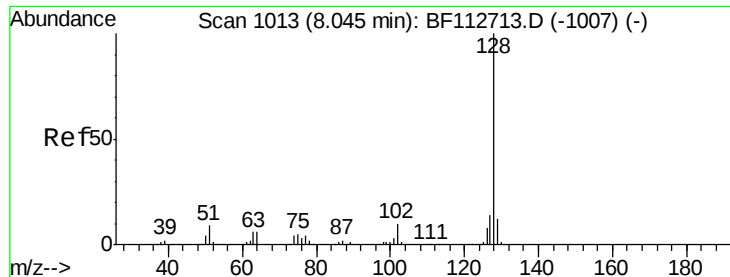
#30
1,2,4-Trichlorobenzene
Concen: 40.687 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:180 Resp: 397516
Ion Ratio Lower Upper
180 100
182 92.5 75.2 112.8
145 29.6 25.4 38.0



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

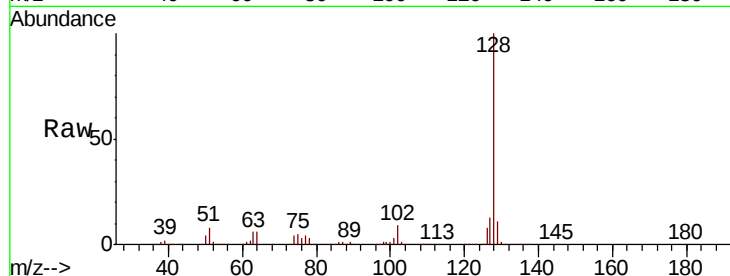




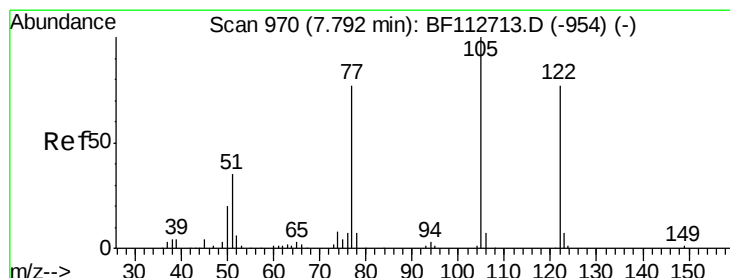
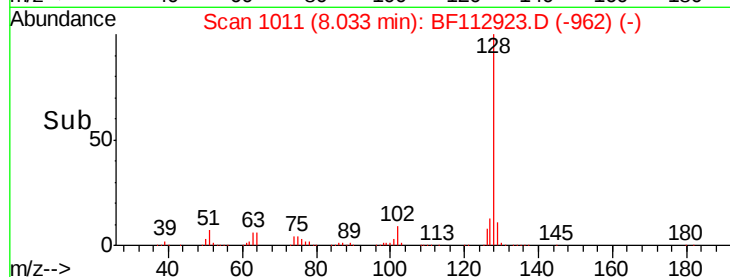
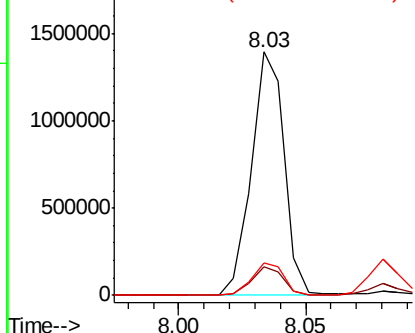
#31
Naphthalene
Concen: 38.823 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1254647
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.1 10.9 16.3

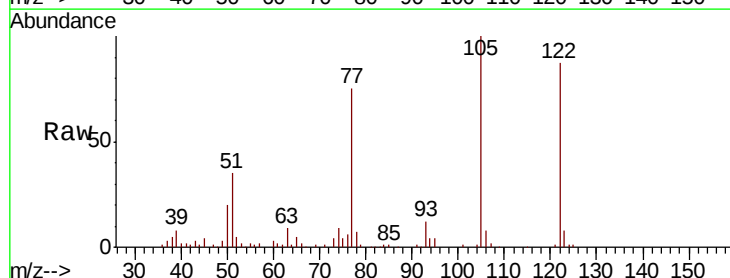


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

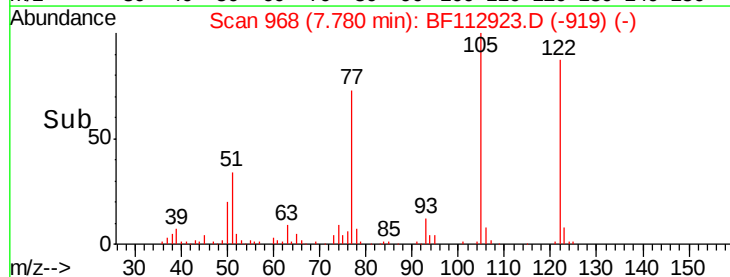
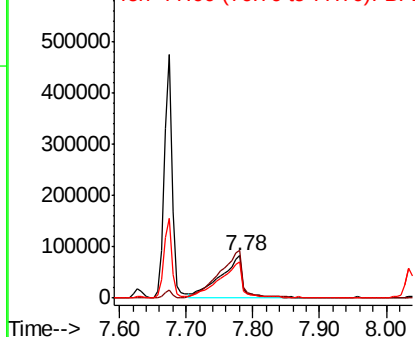


#32
Benzoic acid
Concen: 31.234 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:122 Resp: 205266
Ion Ratio Lower Upper
122 100
105 114.3 106.8 146.8
77 85.5 79.4 119.4



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

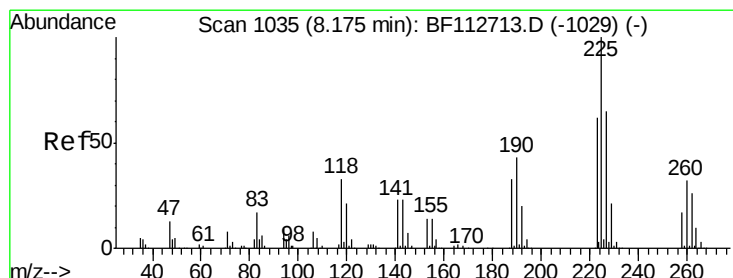
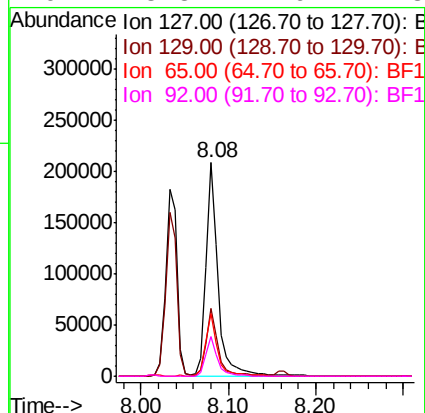
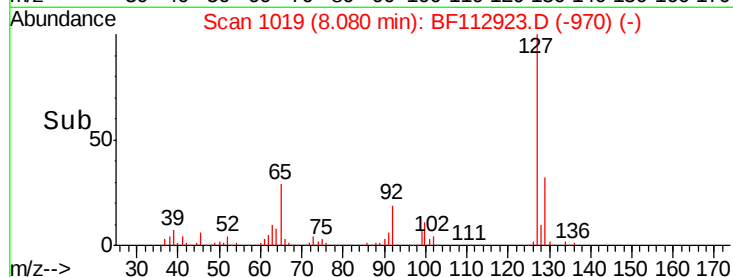
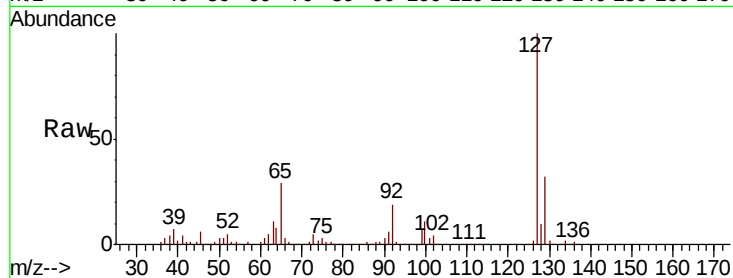




#33
4-Chloroaniline
Concen: 14.712 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

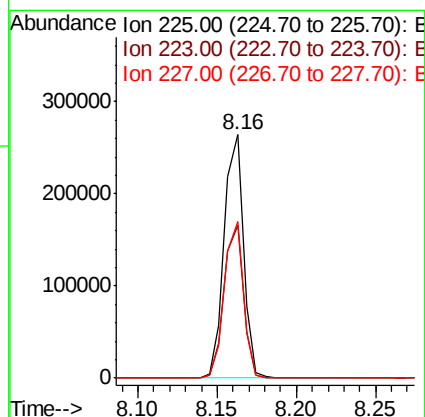
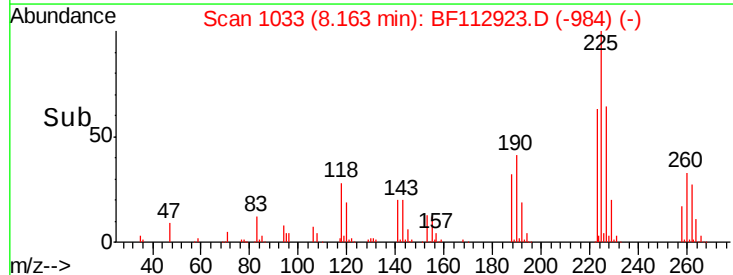
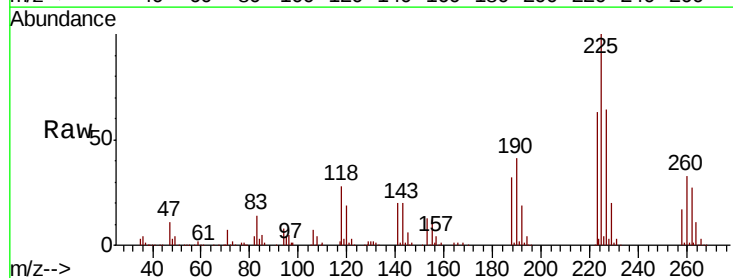
Instrument :
BNA_F
ClientSampleId :

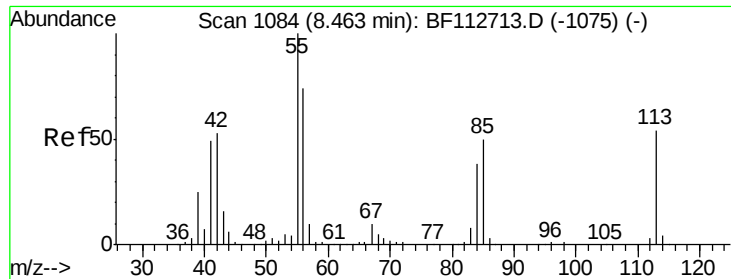
Tgt Ion:	127	Resp:	201372
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.4	39.6
65	29.3	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 40.739 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:	225	Resp:	224474
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	64.5	52.1	78.1

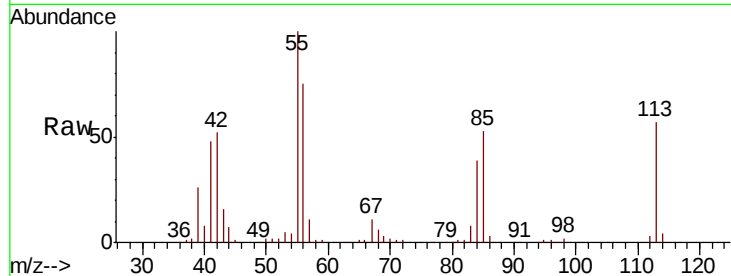




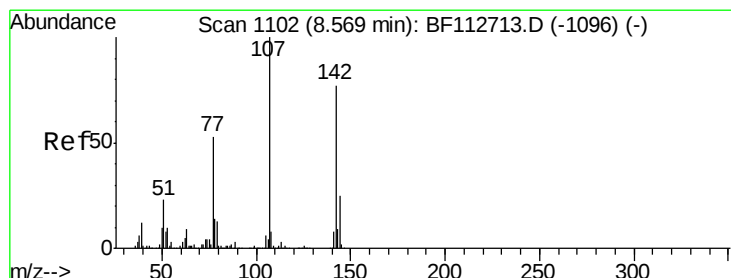
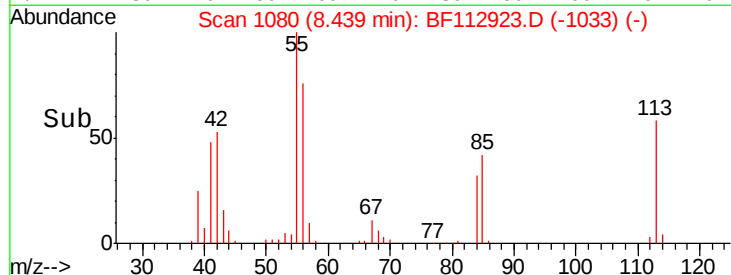
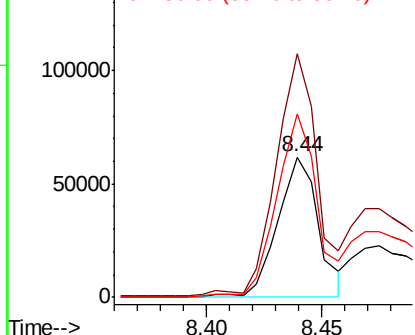
#35
 Caprolactam
 Concen: 23.490 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:113 Resp: 75226
 Ion Ratio Lower Upper
 113 100
 55 174.0 163.5 203.5
 56 130.7 115.3 155.3

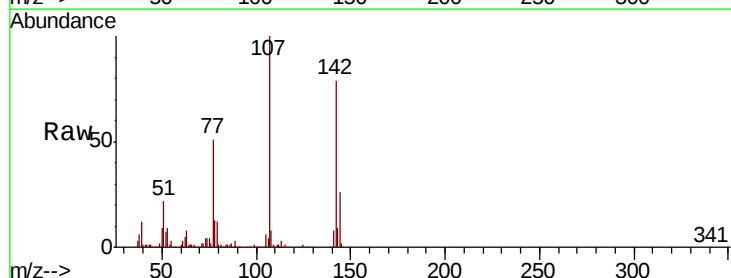


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

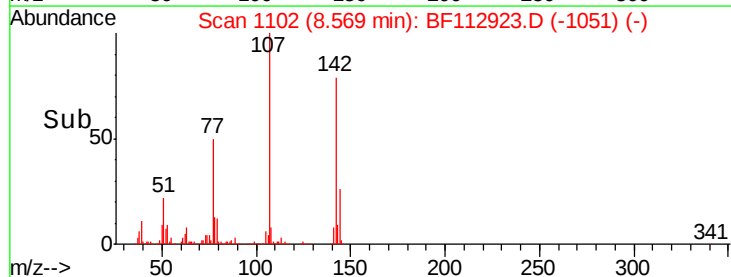
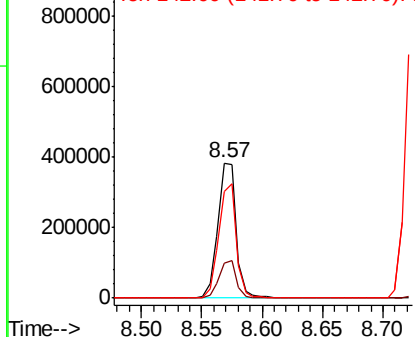


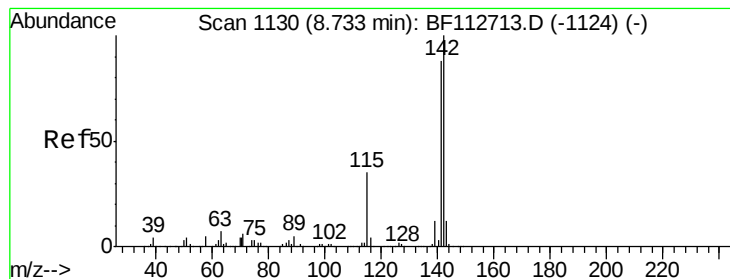
#36
 4-Chloro-3-methylphenol
 Concen: 39.426 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:107 Resp: 396739
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.1 30.1
 142 78.6 61.9 92.9



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





#37

2-Methylnaphthalene

Concen: 40.235 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

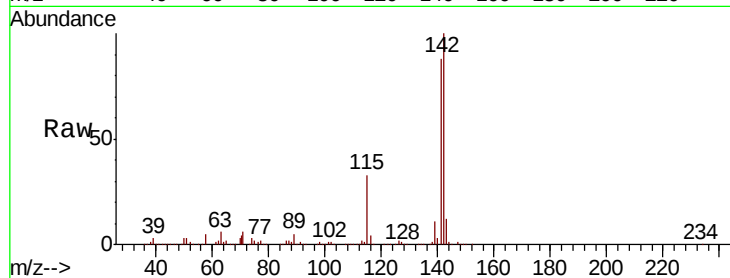
Tgt Ion:142 Resp: 839700

Ion Ratio Lower Upper

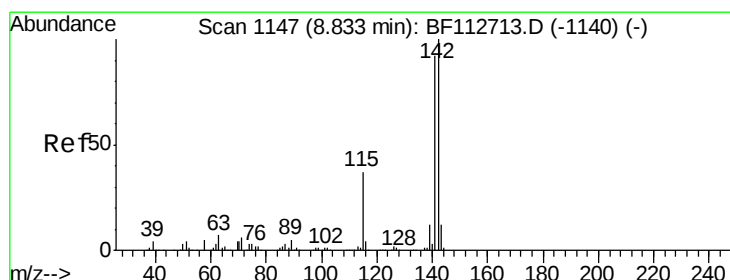
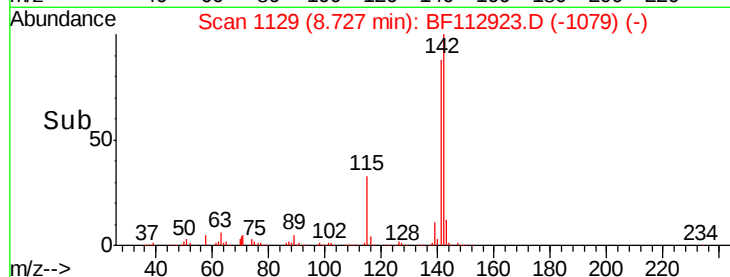
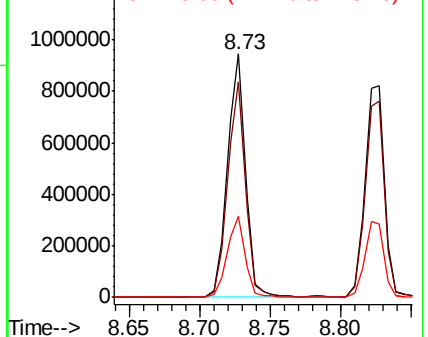
142 100

141 88.3 70.3 105.5

115 33.2 27.8 41.6



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



#38

1-Methylnaphthalene

Concen: 39.003 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

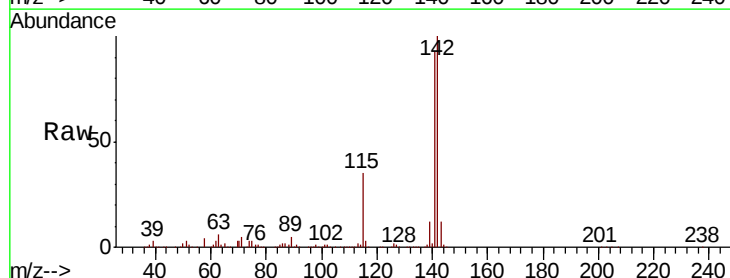
Tgt Ion:142 Resp: 788488

Ion Ratio Lower Upper

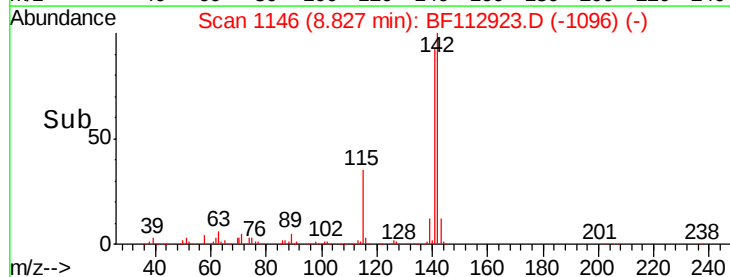
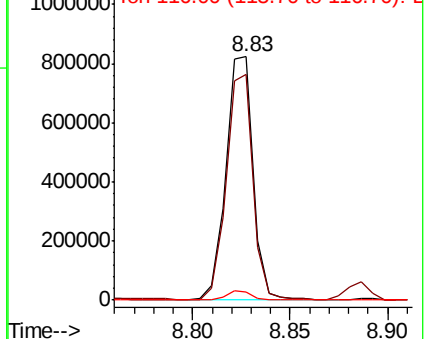
142 100

141 92.8 73.7 110.5

116 3.4 3.1 4.7



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

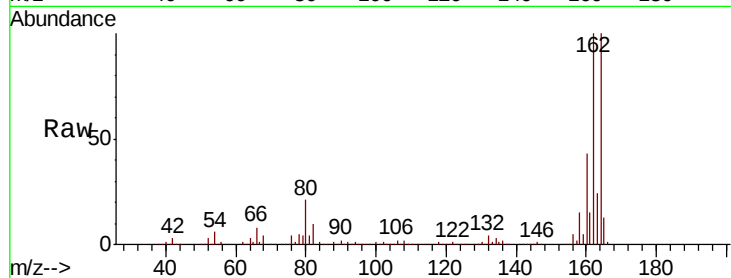




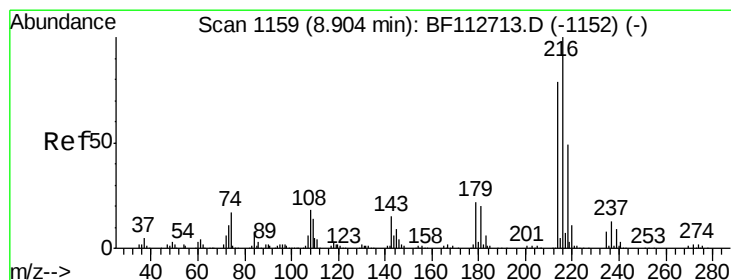
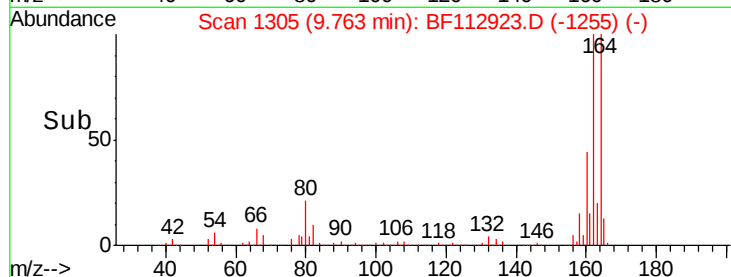
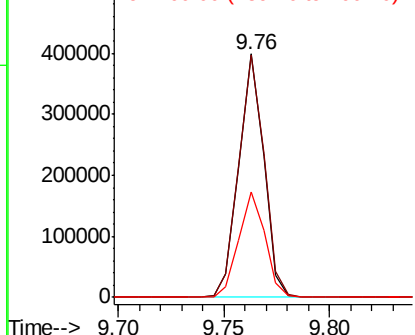
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 325803
Ion Ratio Lower Upper
164 100
162 99.6 80.6 120.8
160 43.5 36.0 54.0

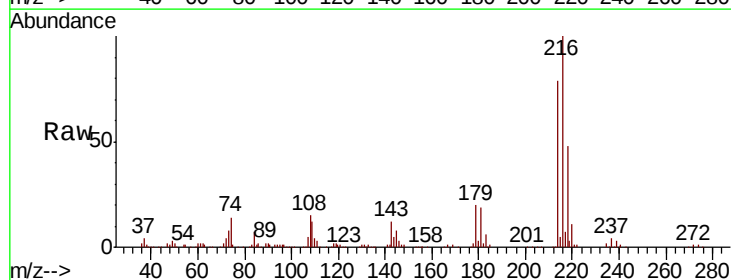


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

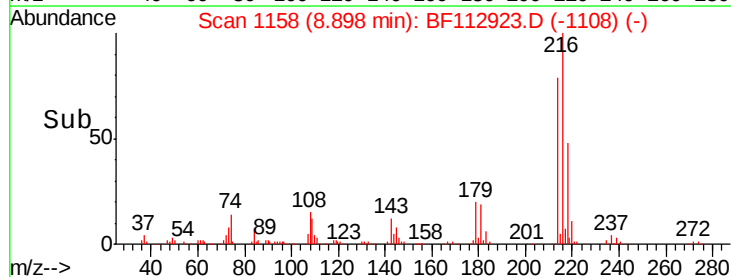
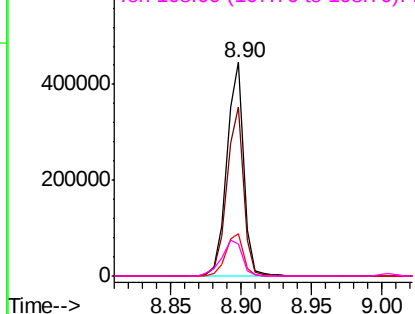


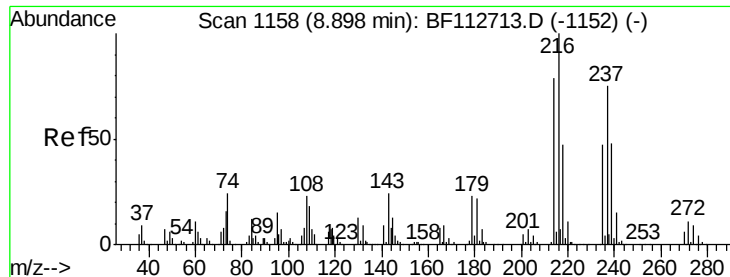
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.794 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:216 Resp: 368572
Ion Ratio Lower Upper
216 100
214 78.8 63.2 94.8
179 20.7 17.5 26.3
108 20.4 16.7 25.1



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: 81.768 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

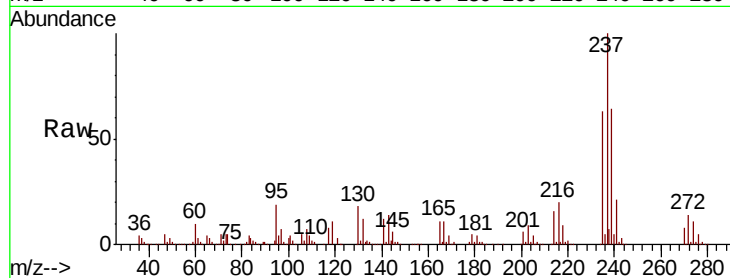
Tgt Ion:237 Resp: 425408

Ion Ratio Lower Upper

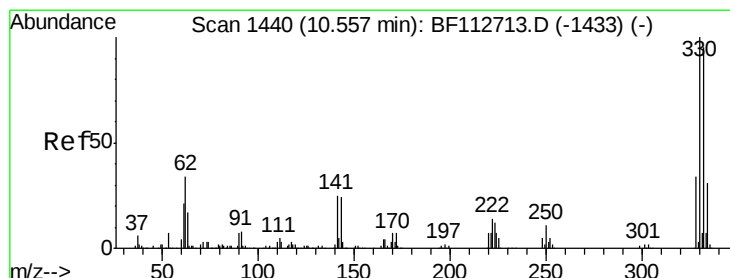
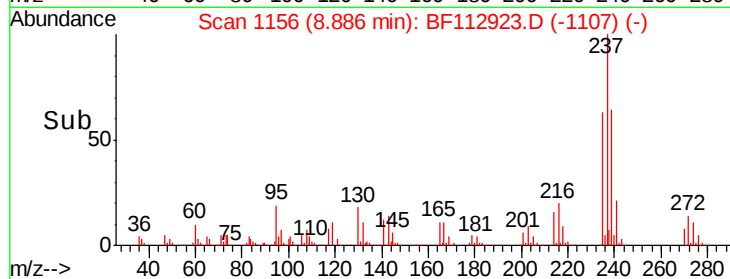
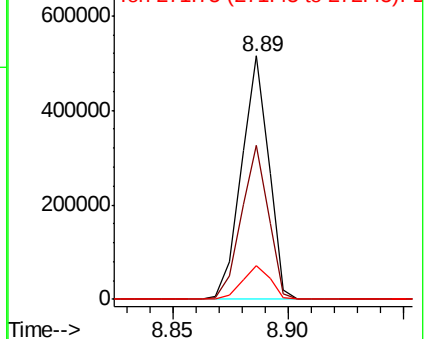
237 100

235 63.4 42.2 82.2

272 14.0 0.0 34.0



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: 121.973 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

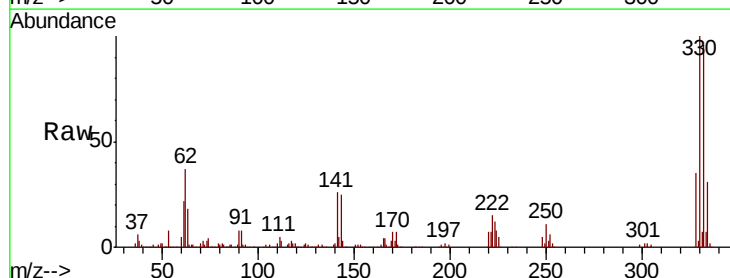
Tgt Ion:330 Resp: 421881

Ion Ratio Lower Upper

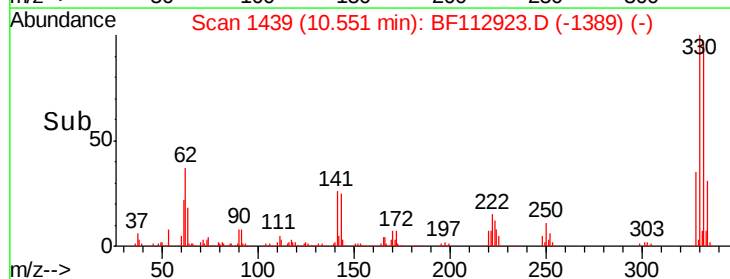
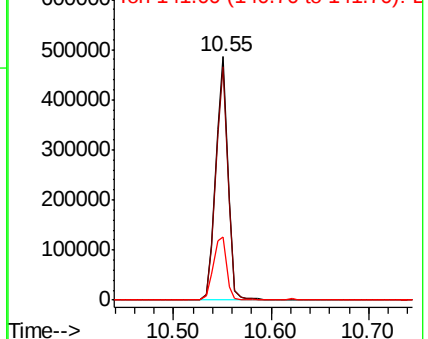
330 100

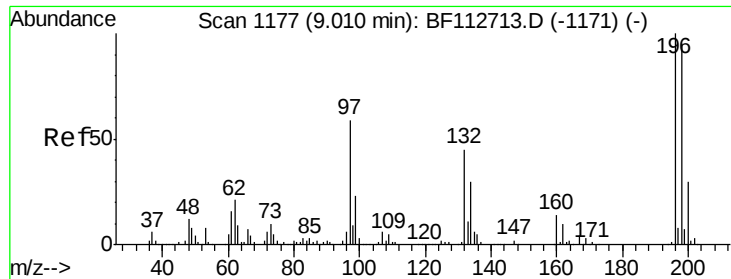
332 96.4 76.2 114.4

141 28.6 27.0 40.6



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

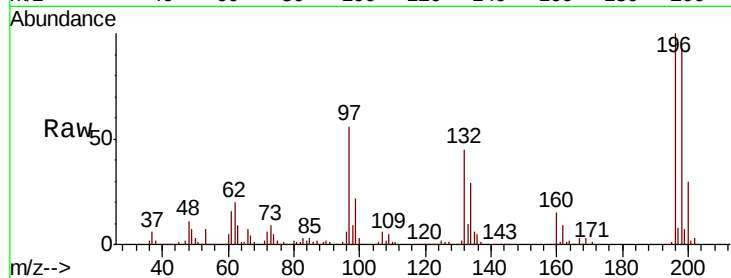




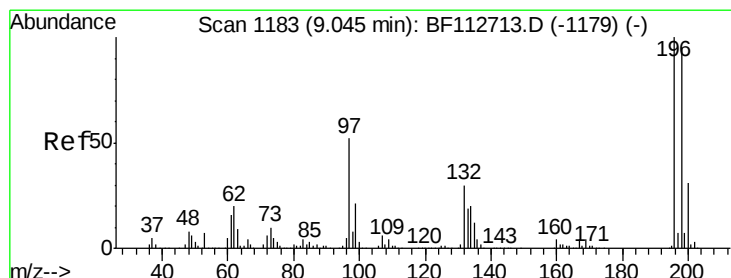
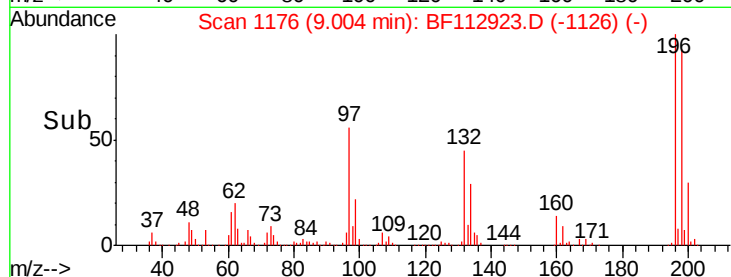
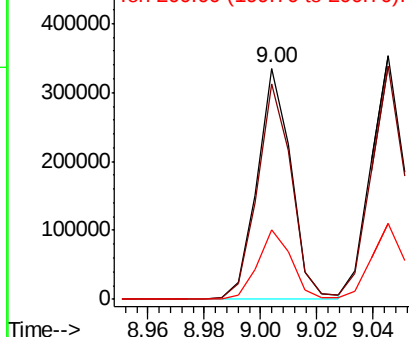
#43
 2,4,6-Trichlorophenol
 Concen: 42.748 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion:196 Resp: 279513
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.8 113.8
 200 30.0 24.3 36.5

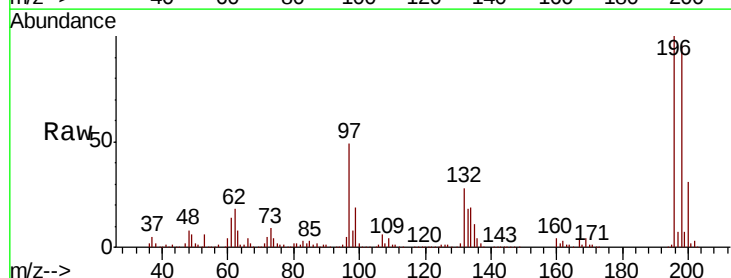


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

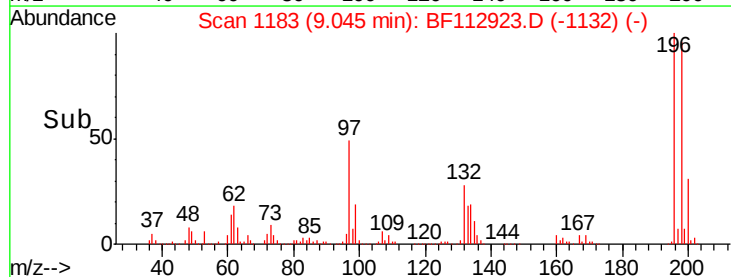
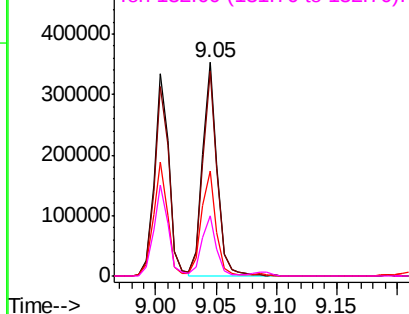


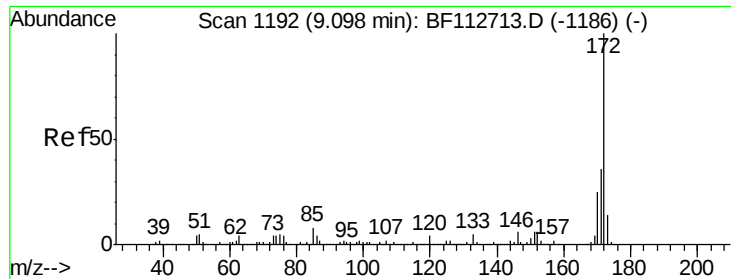
#44
 2,4,5-Trichlorophenol
 Concen: 42.176 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:196 Resp: 298077
 Ion Ratio Lower Upper
 196 100
 198 95.7 76.2 114.2
 97 49.1 41.5 62.3
 132 28.4 23.9 35.9



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

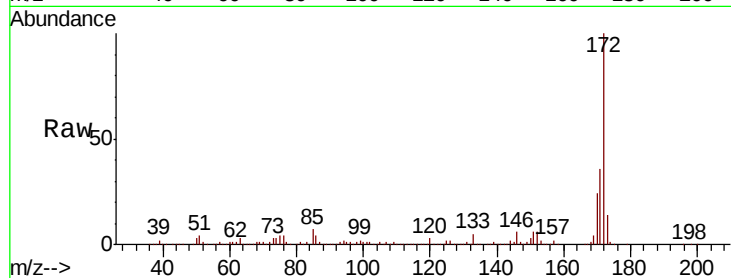




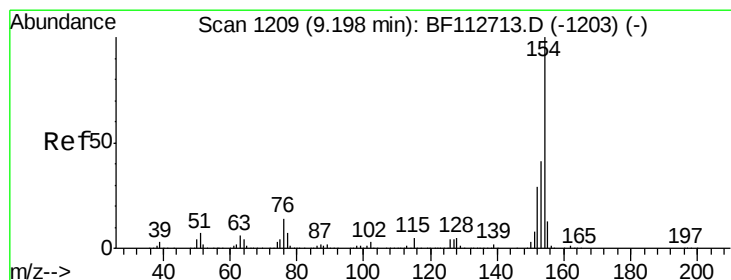
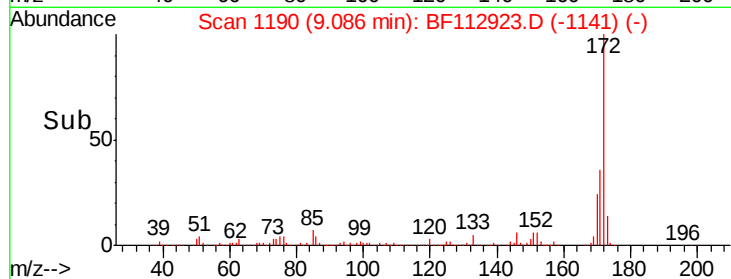
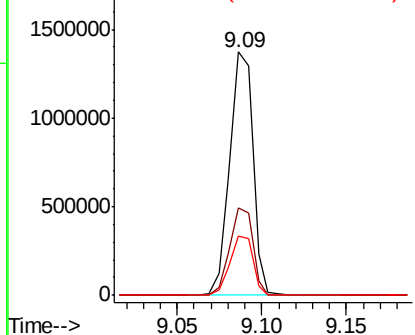
#45
2-Fluorobiphenyl
Concen: 62.373 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1315718
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.5 20.0 30.0

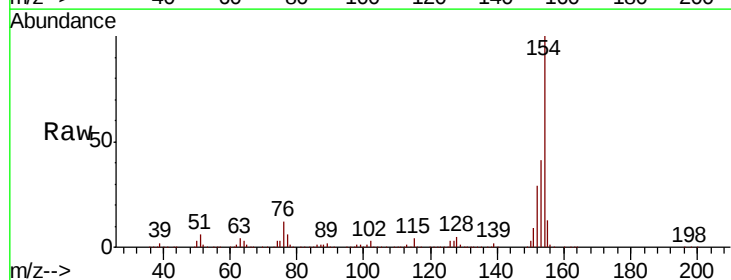


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

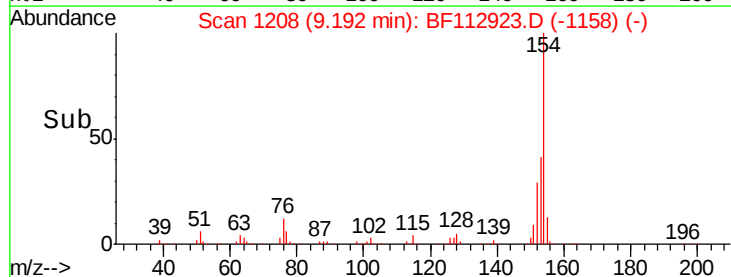
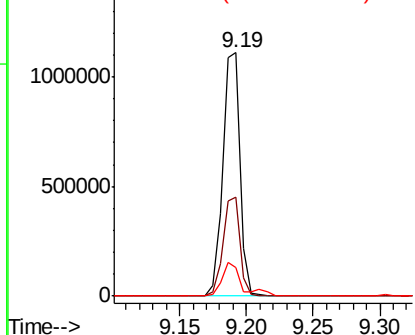


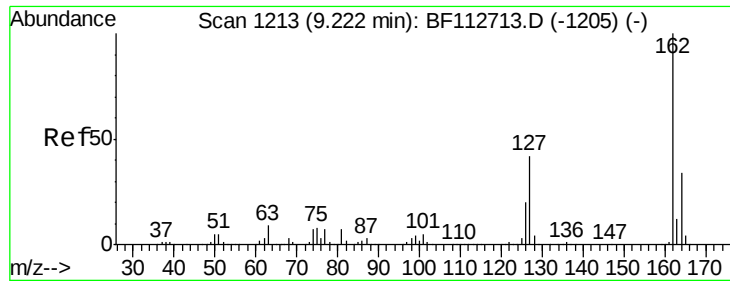
#46
1,1'-Biphenyl
Concen: 38.156 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:154 Resp: 1013970
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.8 0.0 33.8



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

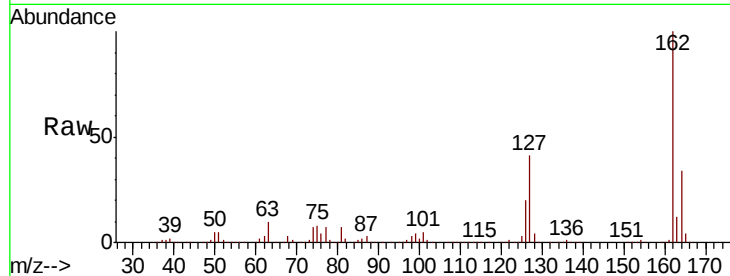




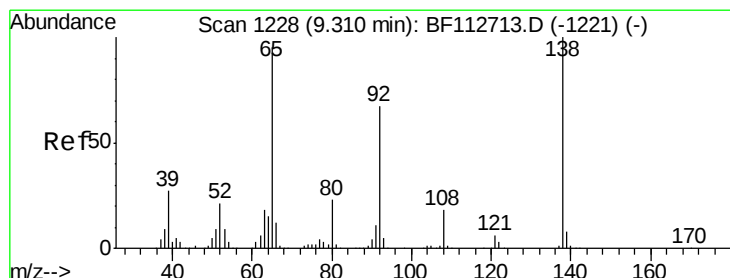
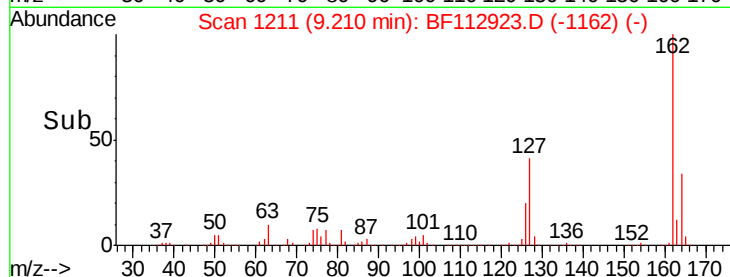
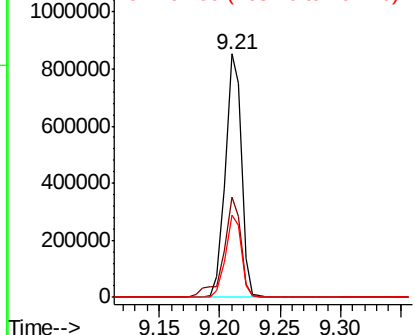
#47
 2-Chloronaphthalene
 Concen: 37.878 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 162 Resp: 785971
 Ion Ratio Lower Upper
 162 100
 127 41.0 33.4 50.2
 164 33.6 26.9 40.3

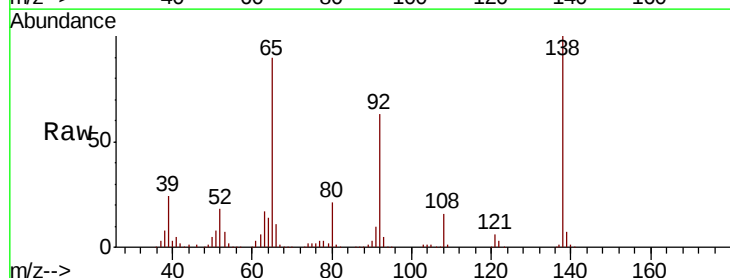


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

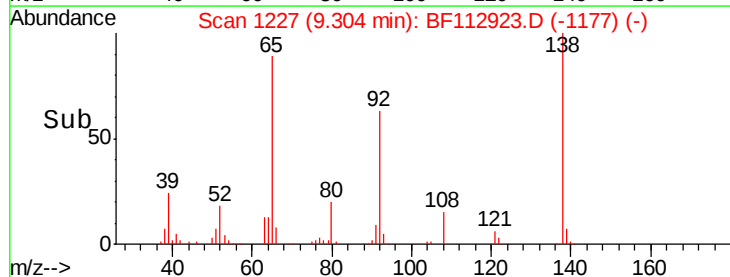
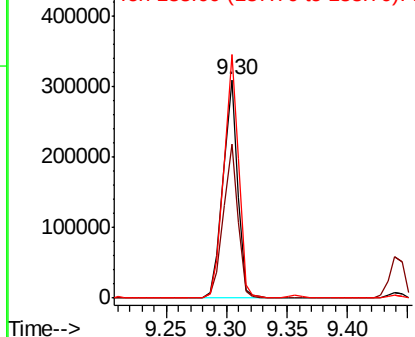


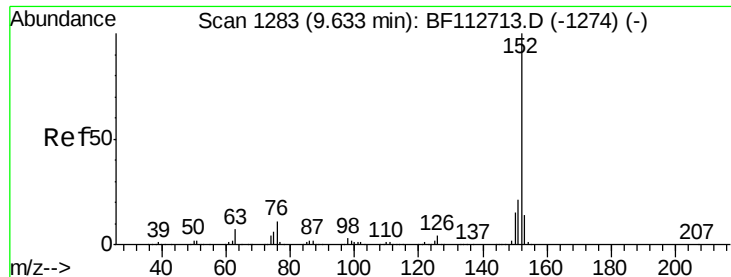
#48
 2-Nitroaniline
 Concen: 40.993 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion: 65 Resp: 258547
 Ion Ratio Lower Upper
 65 100
 92 70.4 56.4 84.6
 138 111.6 84.6 126.8



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





#49

Acenaphthylene

Concen: 36.192 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

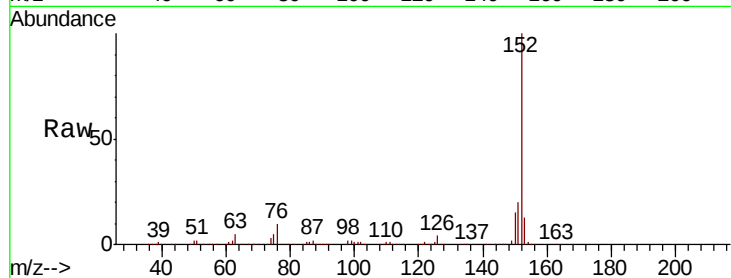
Tgt Ion:152 Resp: 1274910

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

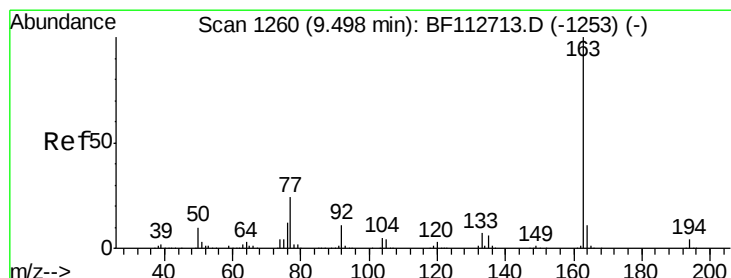
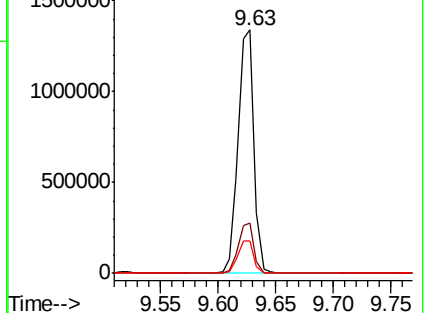
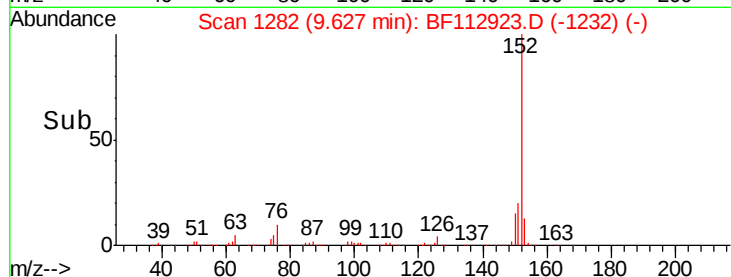
153 13.1 11.0 16.6



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: 43.495 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

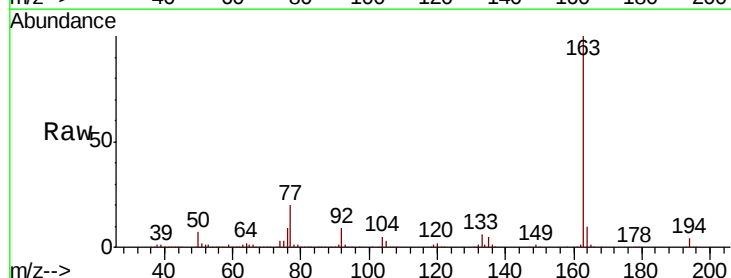
Tgt Ion:163 Resp: 1044892

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.4

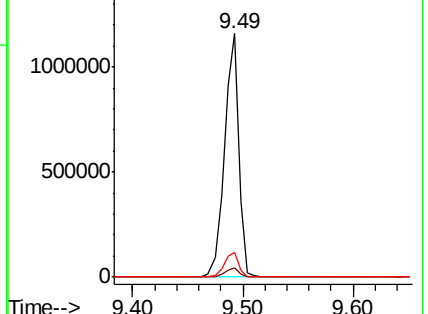
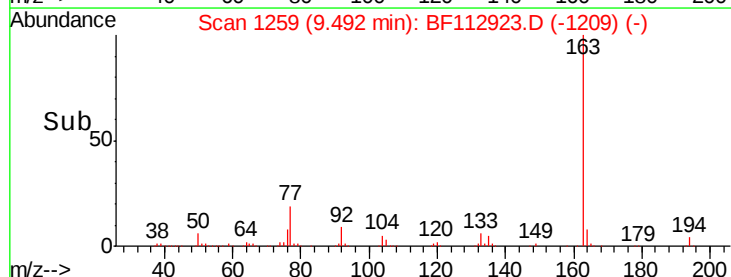
164 10.2 8.4 12.6

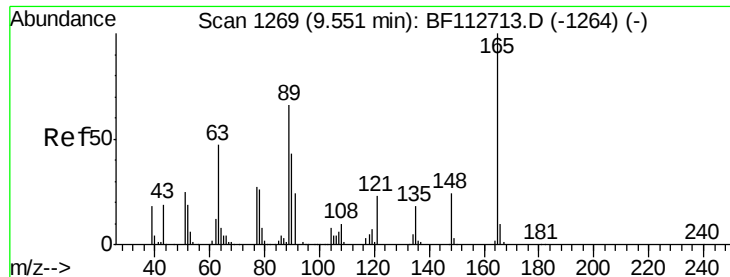


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

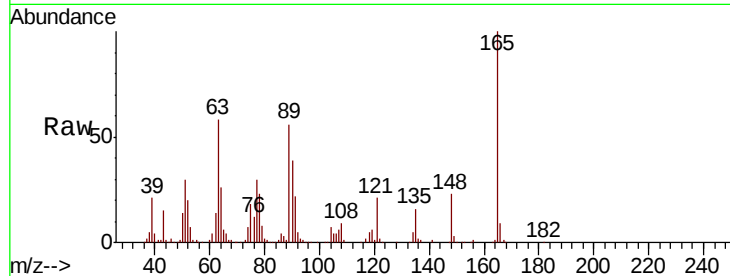




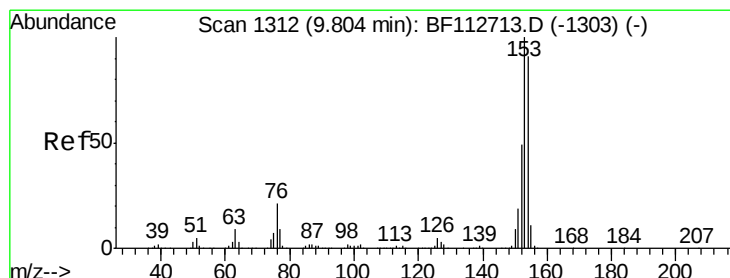
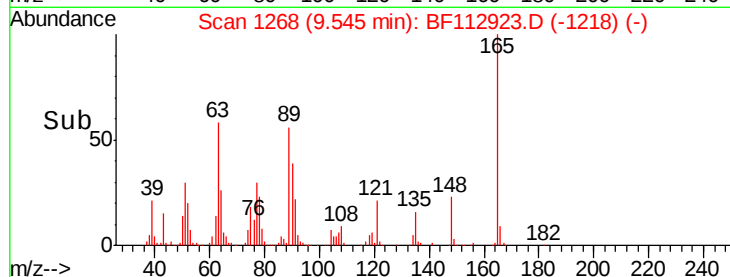
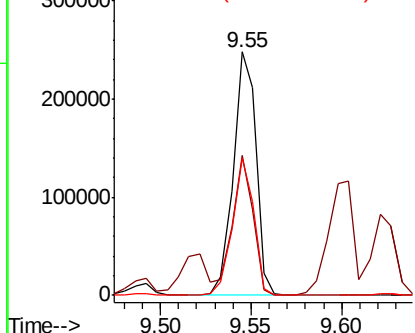
#51
 2,6-Dinitrotoluene
 Concen: 43.137 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:165 Resp: 215798
 Ion Ratio Lower Upper
 165 100
 63 57.6 54.1 81.1
 89 56.3 52.8 79.2

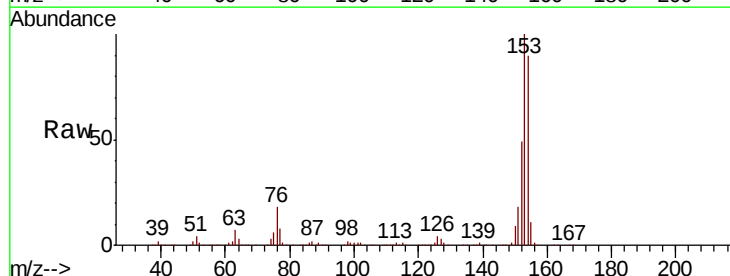


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

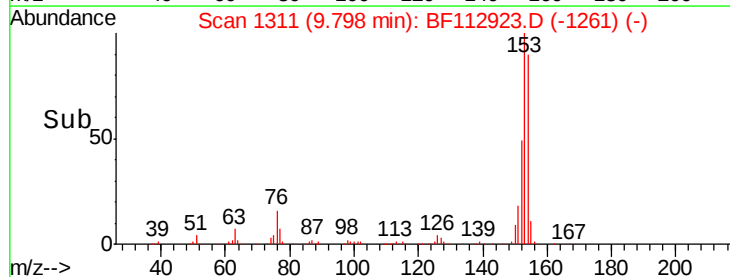
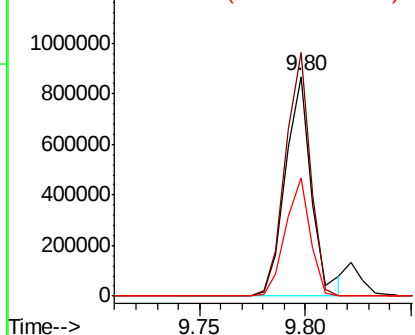


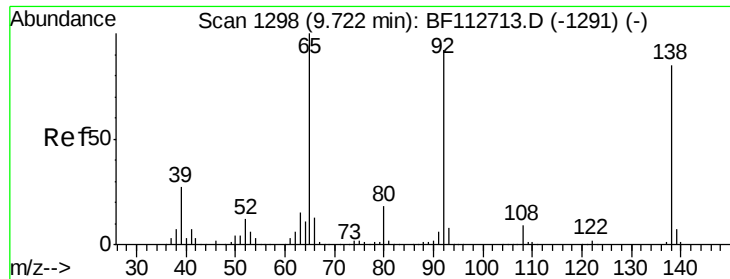
#52
 Acenaphthene
 Concen: 36.311 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:154 Resp: 748021
 Ion Ratio Lower Upper
 154 100
 153 110.8 87.8 131.8
 152 53.9 43.0 64.6



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

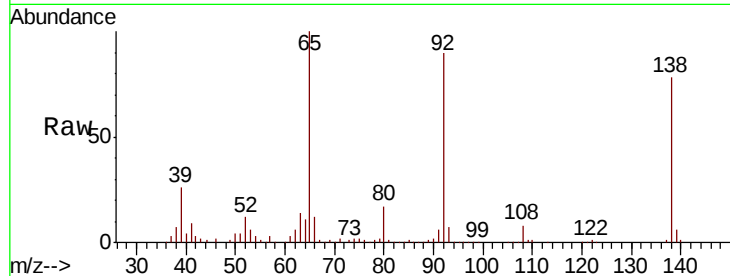




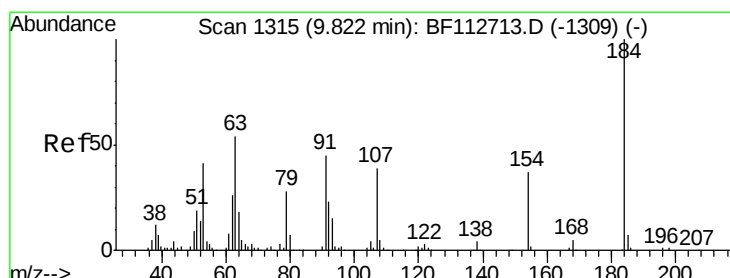
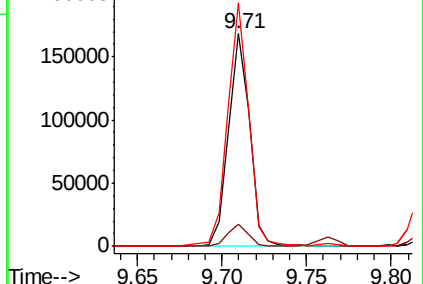
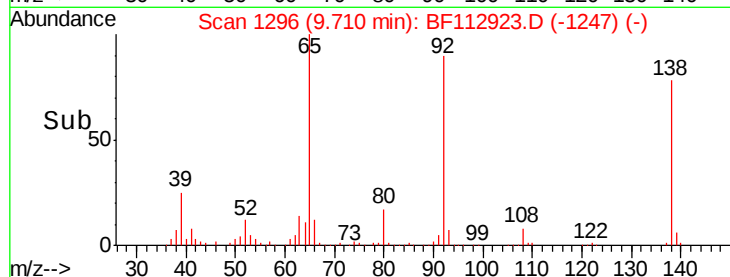
#53
3-Nitroaniline
Concen: 23.851 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampled :

Tgt Ion:138 Resp: 145386
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 114.7 86.6 129.8

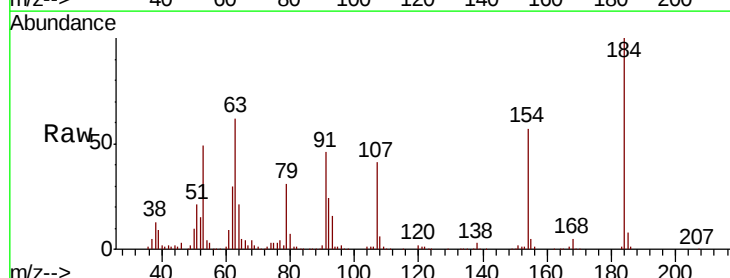


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

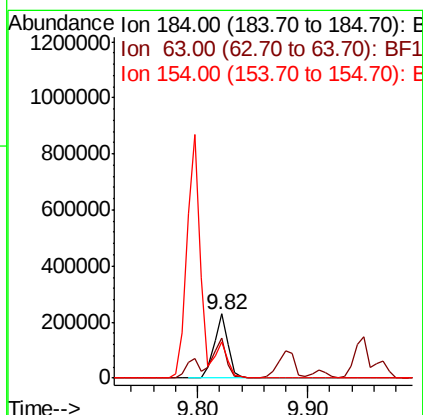
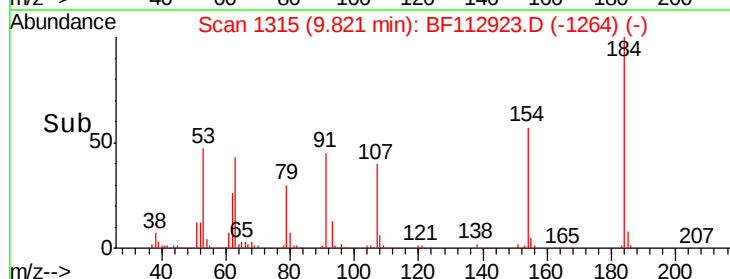


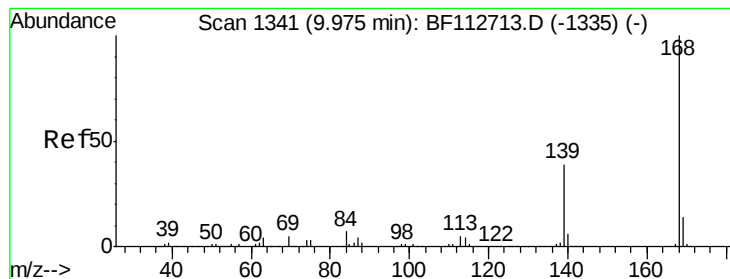
#54
2,4-Dinitrophenol
Concen: 95.948 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:184 Resp: 199199
Ion Ratio Lower Upper
184 100
63 61.7 45.3 67.9
154 57.3 46.0 69.0



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: 37.551 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

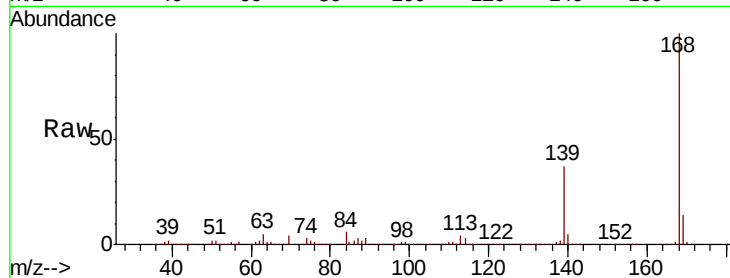
Tgt Ion:168 Resp: 1124297

Ion Ratio Lower Upper

168 100

139 37.1 31.3 46.9

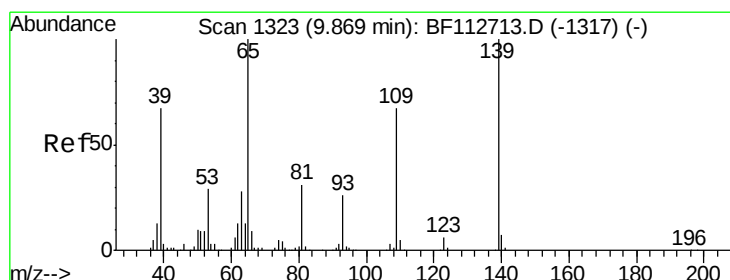
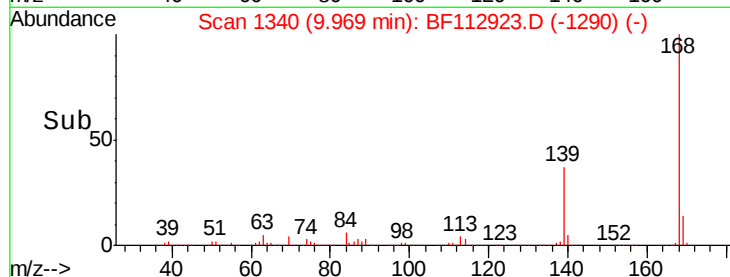
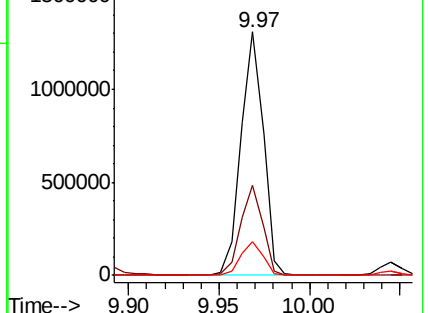
169 13.9 11.3 16.9



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: 79.075 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

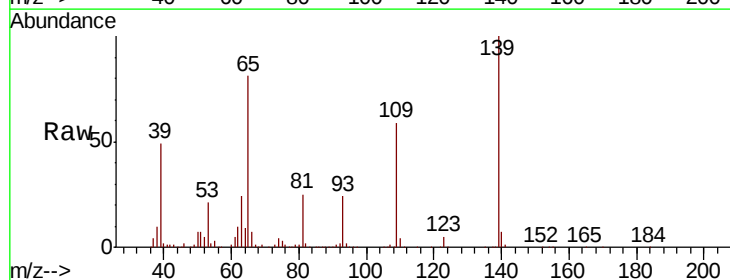
Tgt Ion:139 Resp: 391747

Ion Ratio Lower Upper

139 100

109 59.3 46.8 86.8

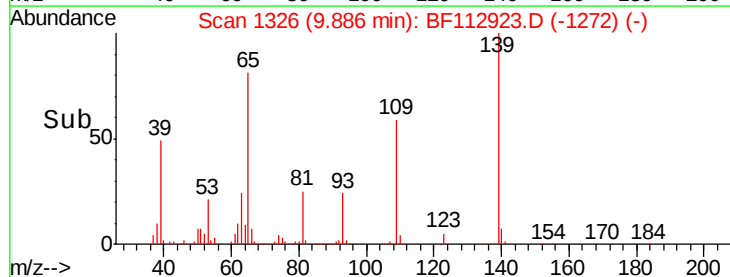
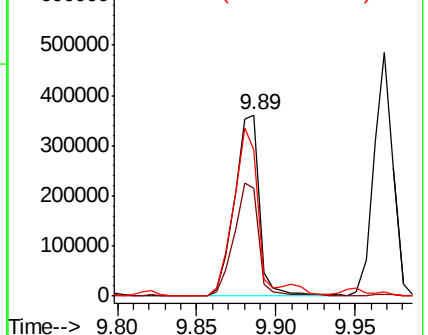
65 80.7 80.7 120.7

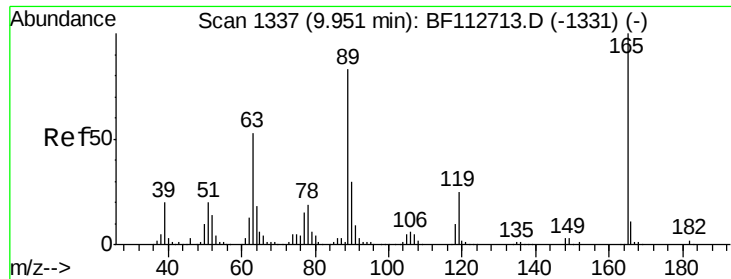


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

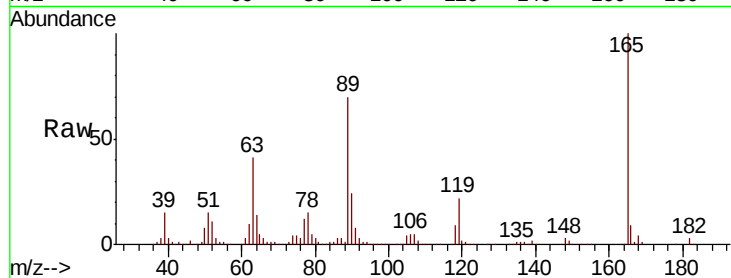




#57
2,4-Dinitrotoluene
Concen: 45.126 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.9	42.2	63.2#
89	69.6	66.2	99.4
182	2.6	1.8	2.6



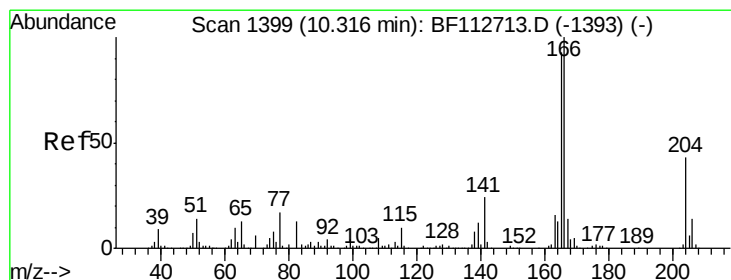
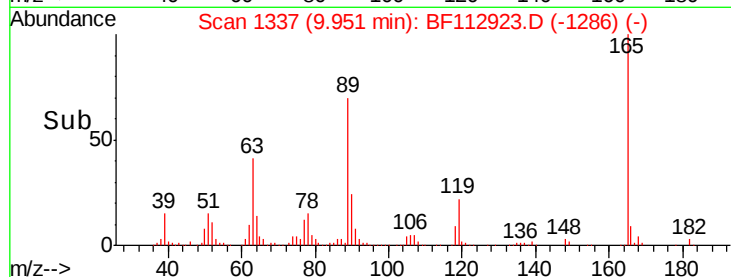
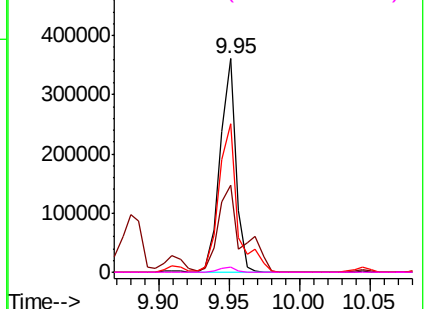
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

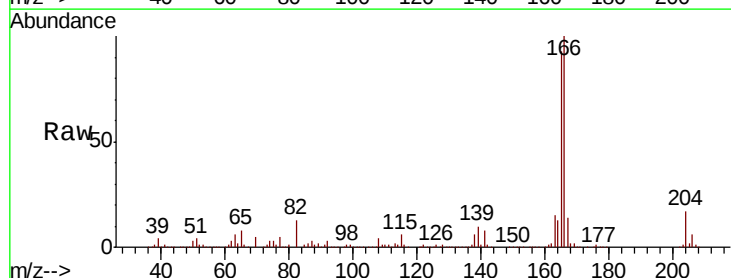
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.800 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.4	74.7	112.1
167	13.8	11.0	16.6

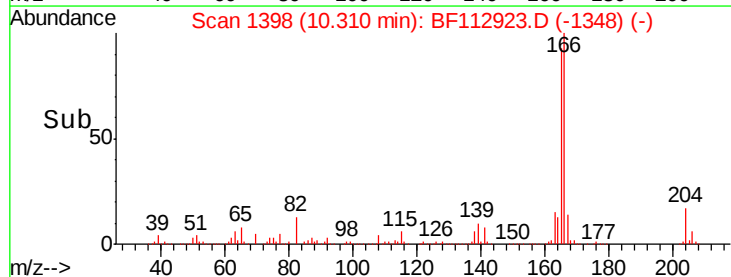
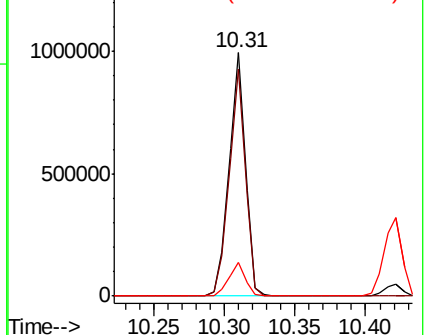


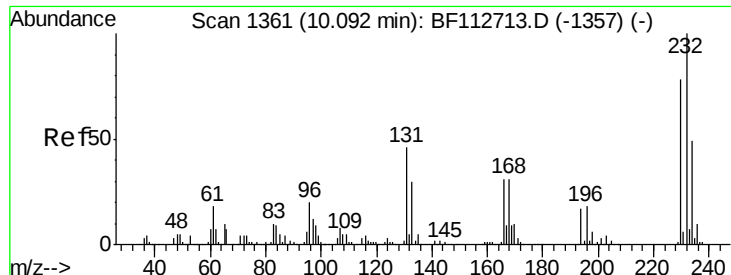
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

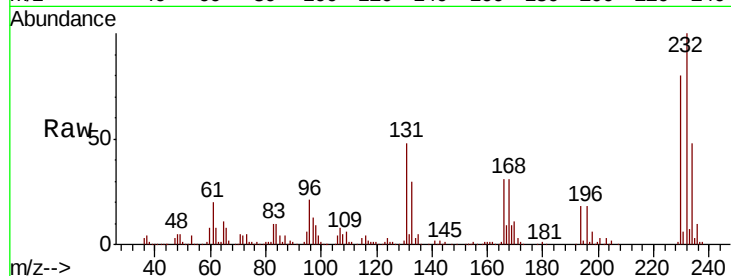




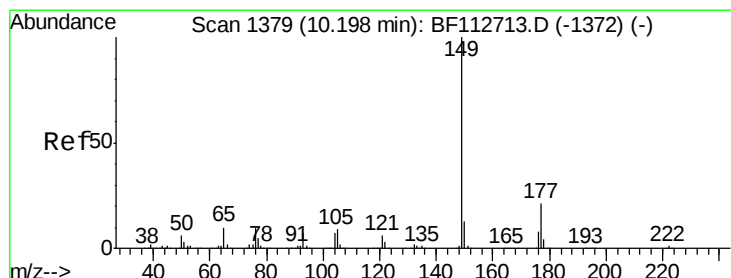
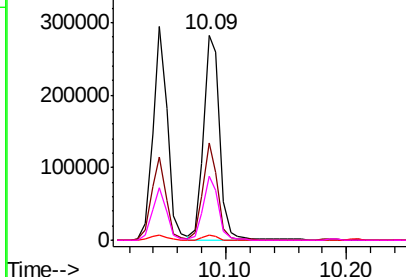
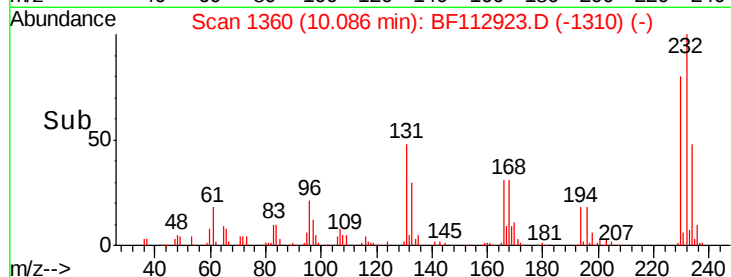
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.612 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 232 Resp: 262685
Ion Ratio Lower Upper
232 100
131 43.3 38.7 58.1
130 2.3 1.9 2.9
166 29.2 25.2 37.8

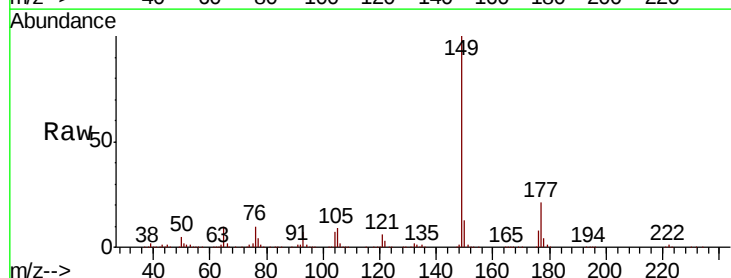


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

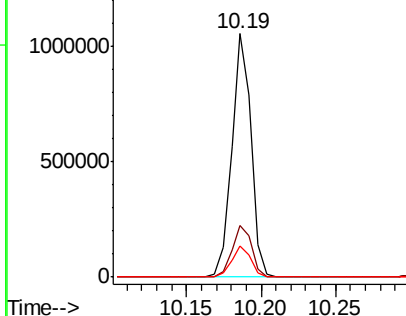
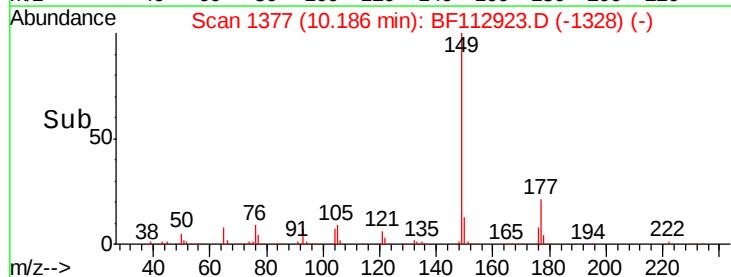


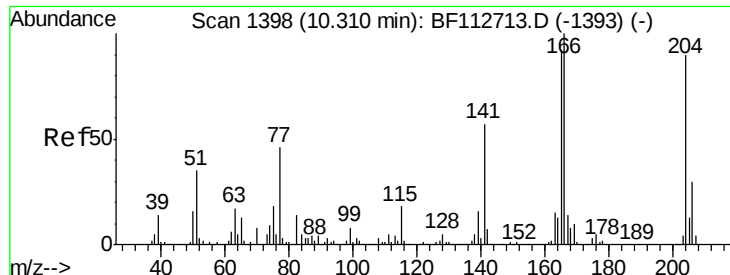
#60
Diethylphthalate
Concen: 37.864 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion: 149 Resp: 960682
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.6 10.0 15.0



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

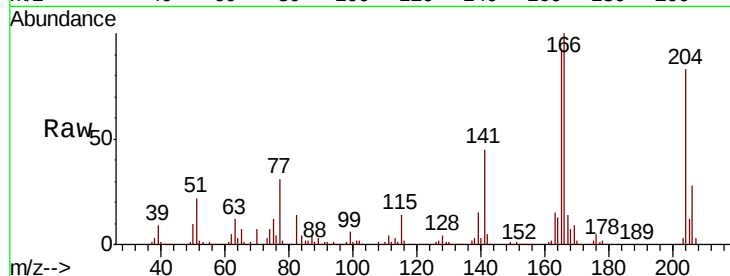




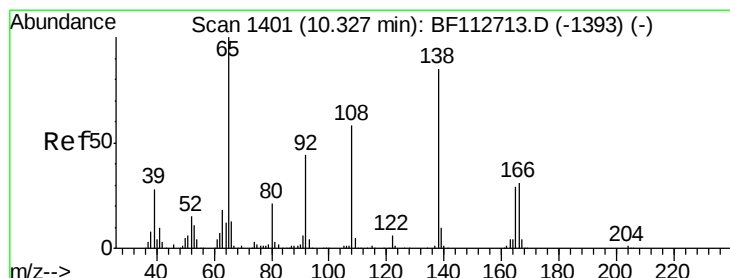
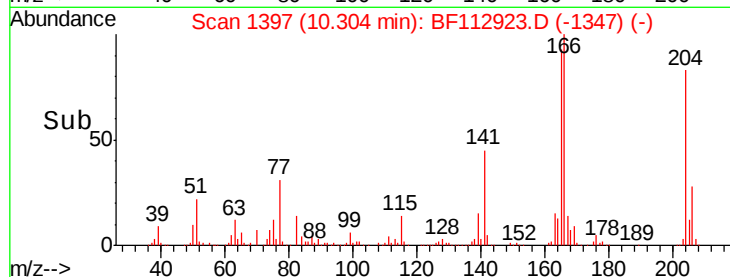
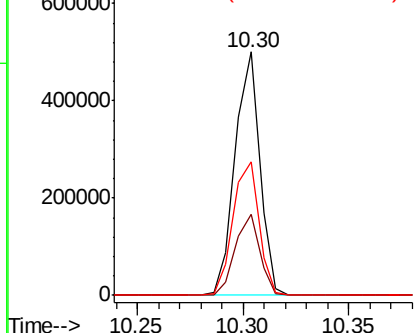
#61
4-Chlorophenyl-phenylether
Concen: 41.017 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 204 Resp: 405538
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 54.8 50.8 76.2

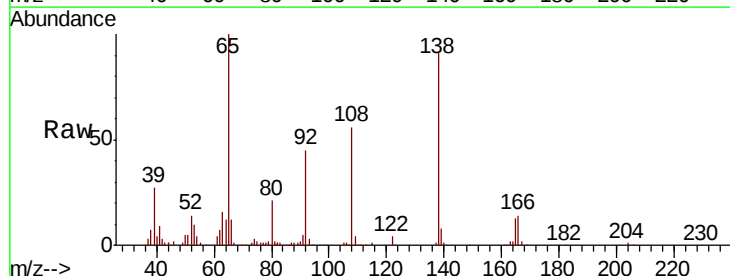


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

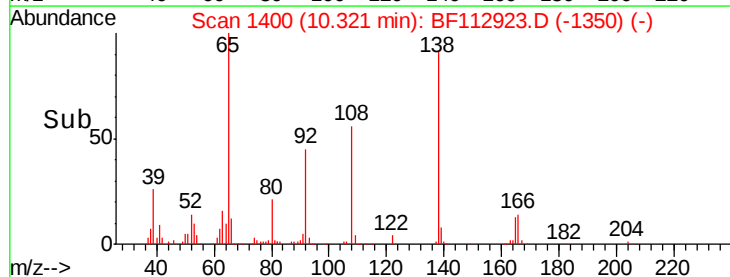
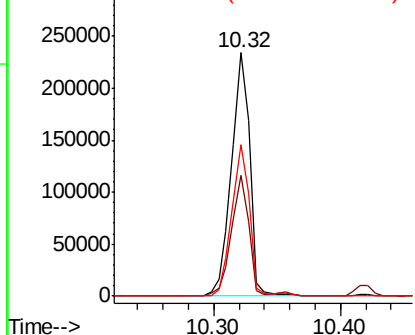


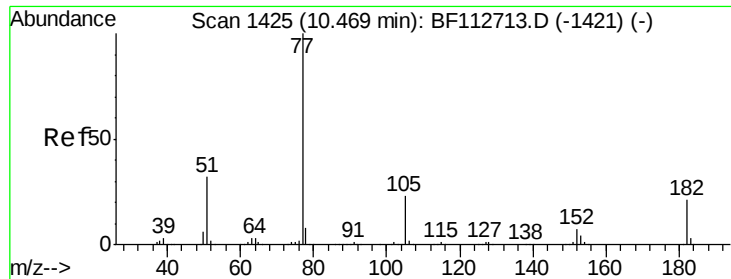
#62
4-Nitroaniline
Concen: 41.411 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion: 138 Resp: 233258
Ion Ratio Lower Upper
138 100
92 49.5 31.3 71.3
108 62.2 48.1 88.1



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

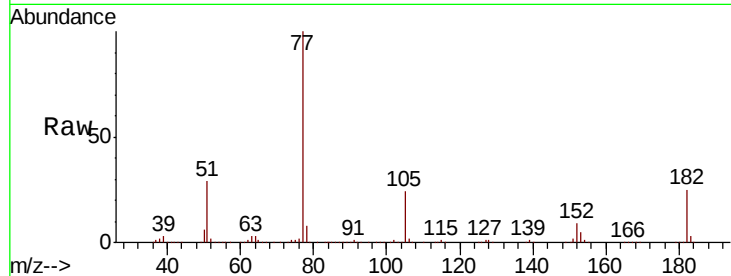




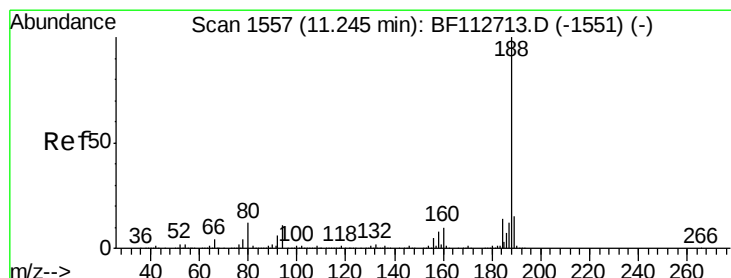
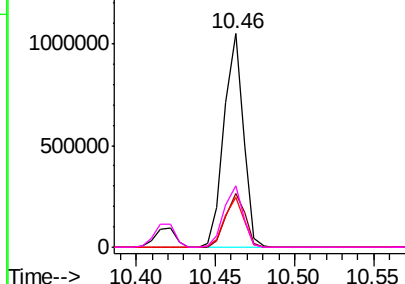
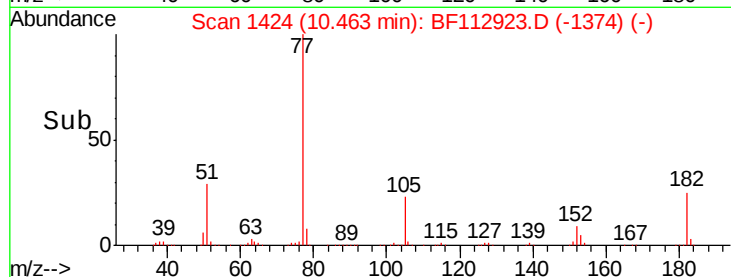
#63
Azobenzene
Concen: 34.201 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 888817
Ion Ratio Lower Upper
77 100
182 25.4 1.4 41.4
105 23.6 2.6 42.6
51 29.1 12.0 52.0

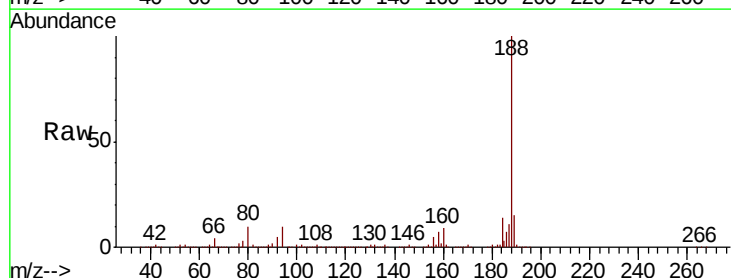


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

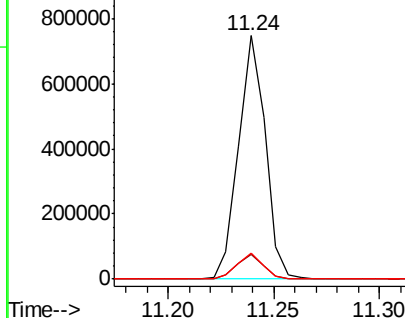
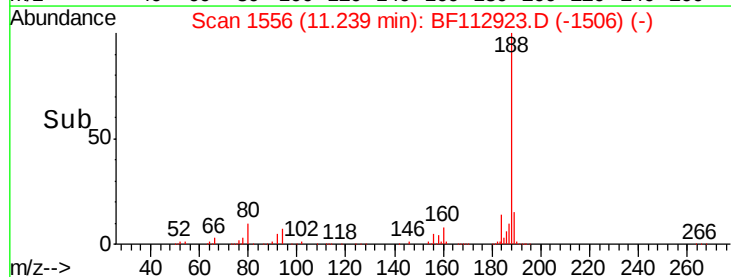


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion: 188 Resp: 658337
Ion Ratio Lower Upper
188 100
94 10.2 9.0 13.4
80 10.5 9.2 13.8



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

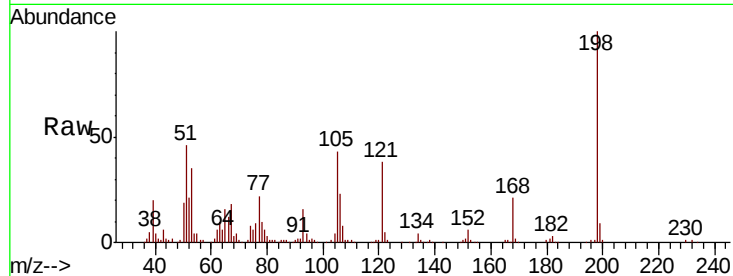




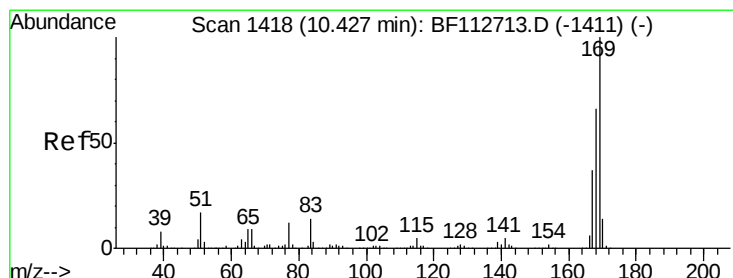
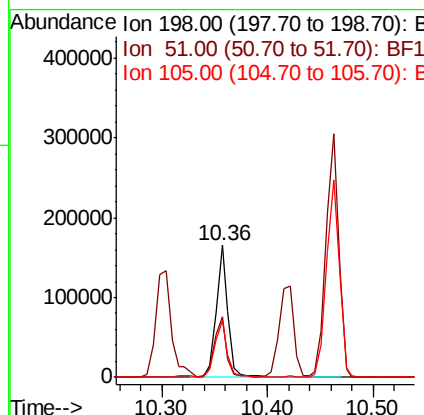
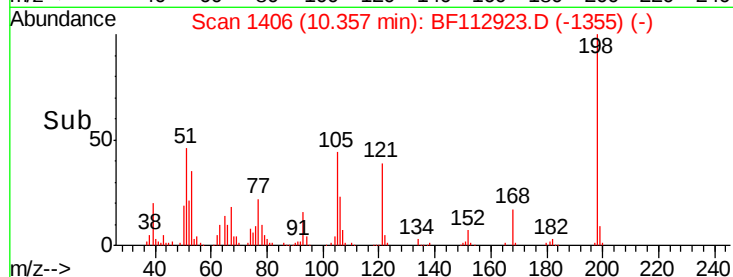
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.624 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:198 Resp: 131710
 Ion Ratio Lower Upper
 198 100
 51 45.6 43.8 83.8
 105 43.4 36.5 76.5

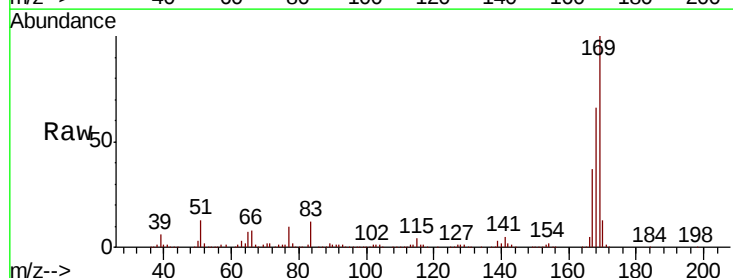


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

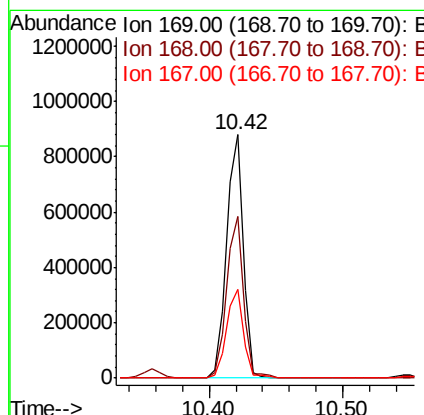
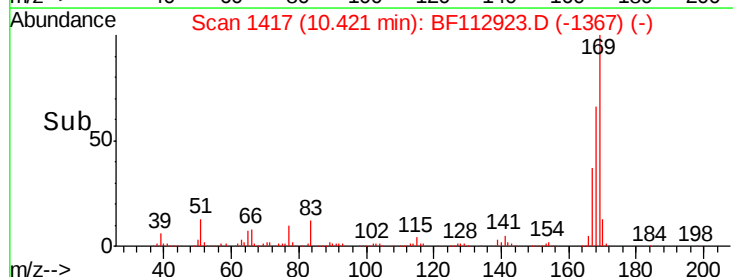


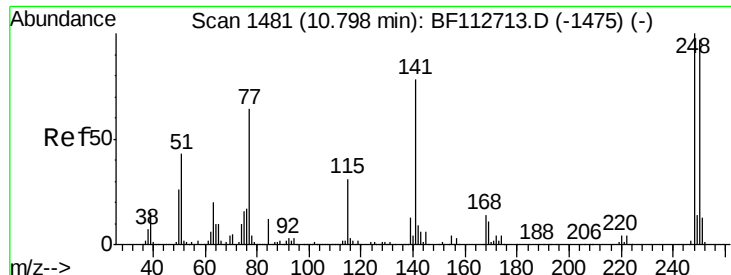
#66
 n-Nitrosodiphenylamine
 Concen: 37.056 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:169 Resp: 782382
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.0 79.6
 167 36.7 29.3 43.9



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

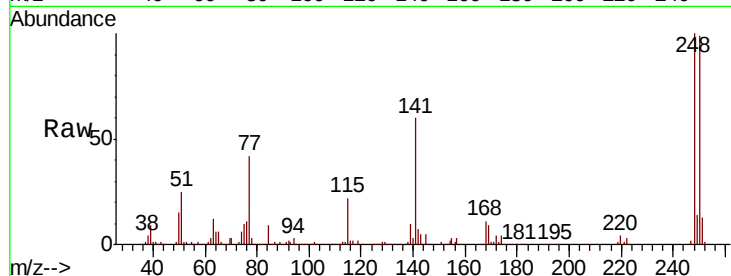




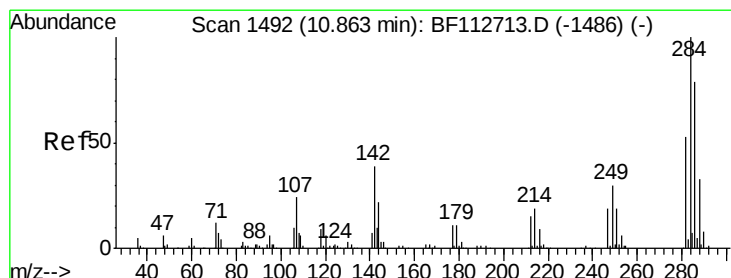
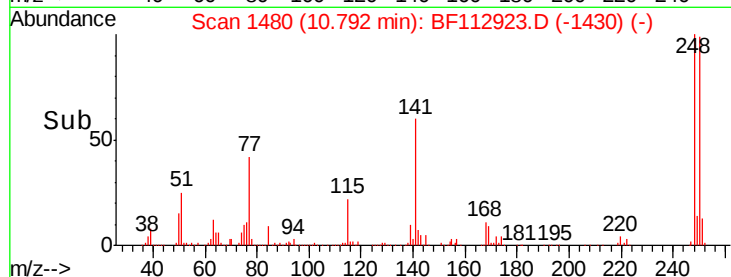
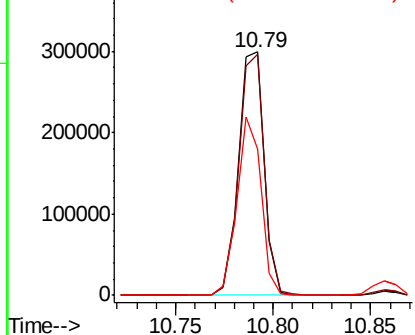
#67
 4-Bromophenyl-phenylether
 Concen: 39.217 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:248 Resp: 271940
 Ion Ratio Lower Upper
 248 100
 250 99.1 77.5 116.3
 141 60.2 62.4 93.6#

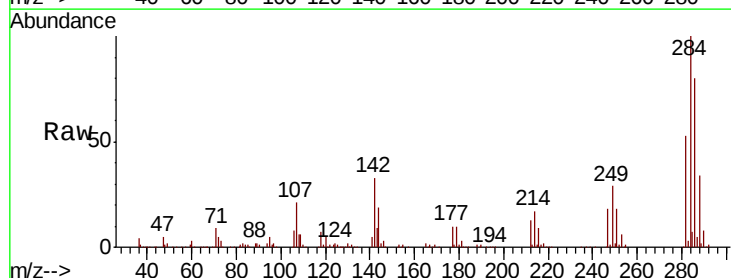


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

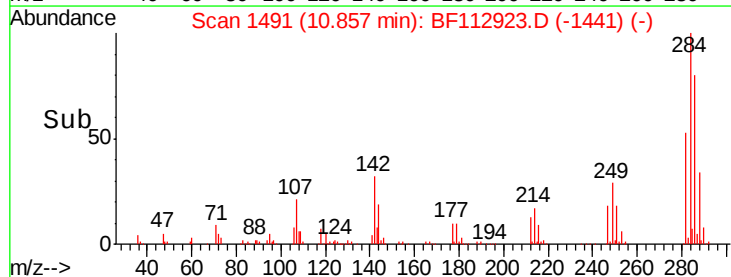
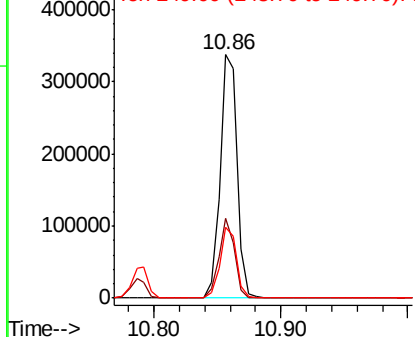


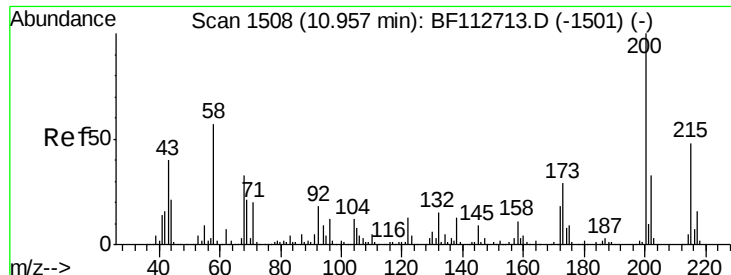
#68
 Hexachlorobenzene
 Concen: 40.493 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:284 Resp: 316519
 Ion Ratio Lower Upper
 284 100
 142 32.5 31.0 46.6
 249 29.1 23.6 35.4



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

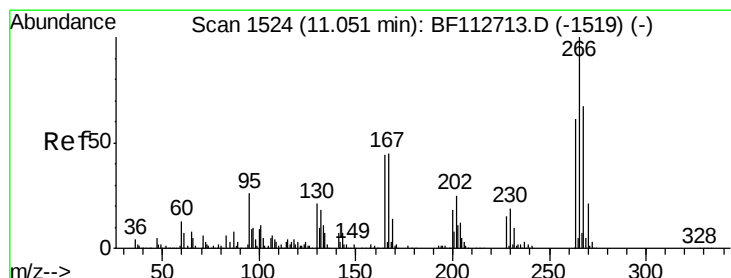
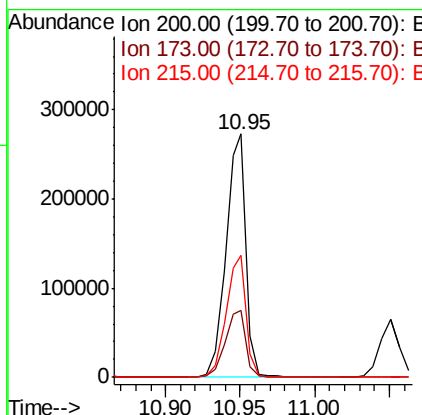
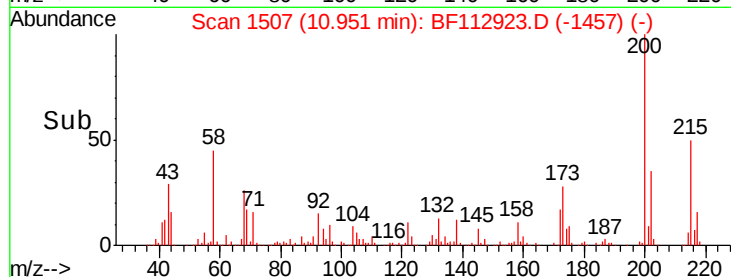
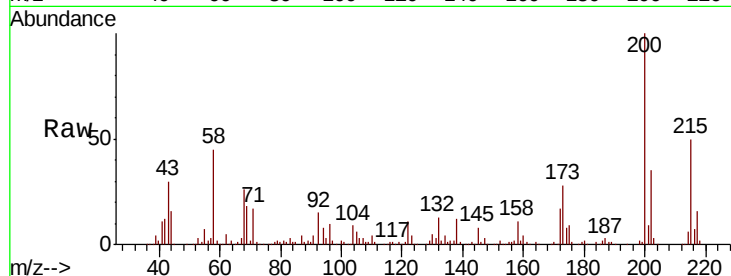




#69
 Atrazine
 Concen: 39.924 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

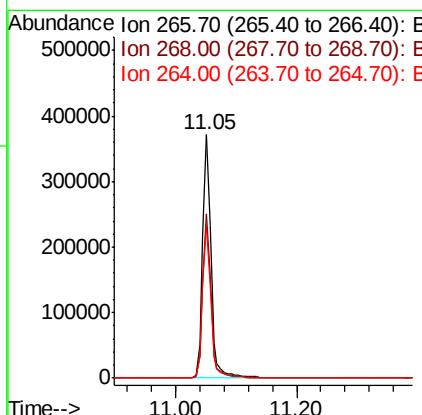
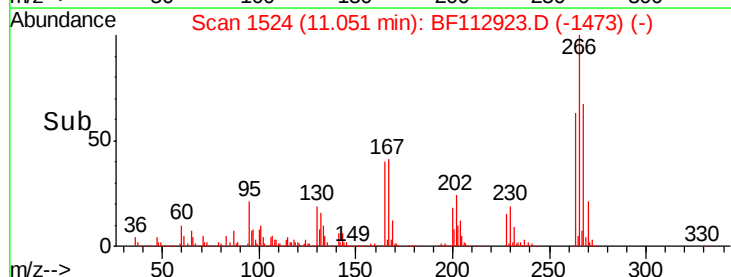
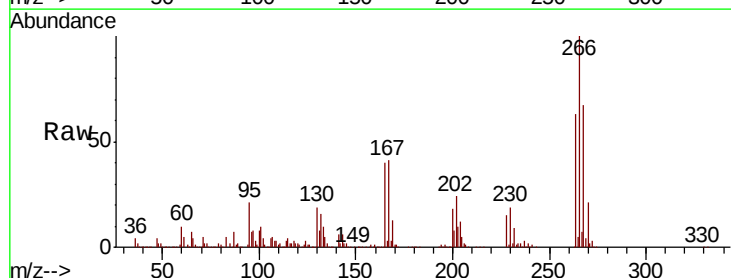
Instrument :
 BNA_F
 ClientSampleId :

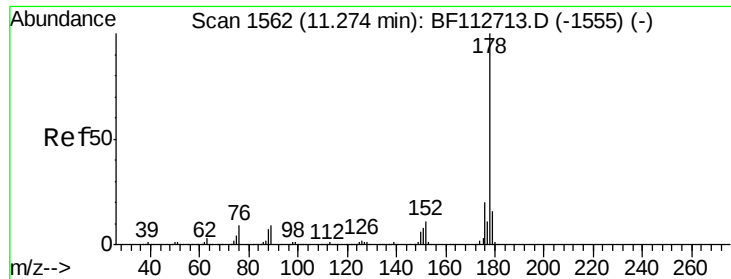
Tgt Ion:200 Resp: 258163
 Ion Ratio Lower Upper
 200 100
 173 27.7 9.1 49.1
 215 50.3 28.2 68.2



#70
 Pentachlorophenol
 Concen: 78.988 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:266 Resp: 363403
 Ion Ratio Lower Upper
 266 100
 268 67.3 53.3 79.9
 264 62.9 48.9 73.3

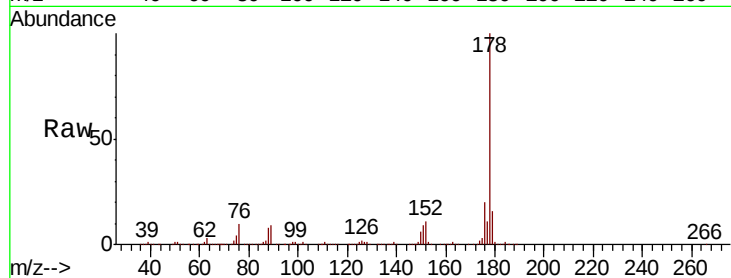




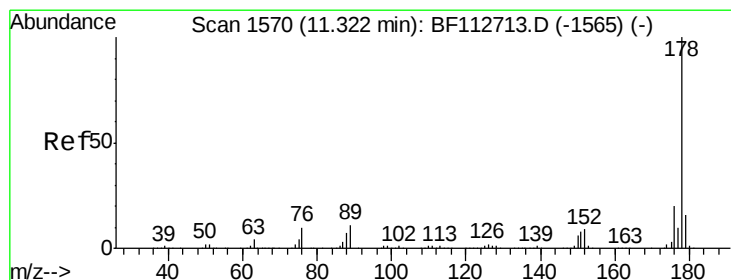
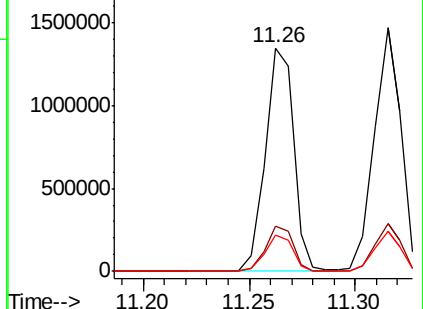
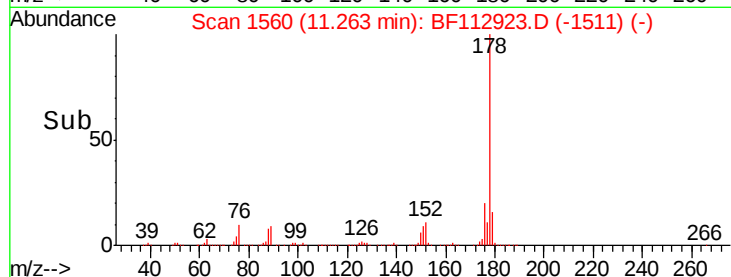
#71
Phenanthrene
Concen: 38.479 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1260377
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.1 12.7 19.1

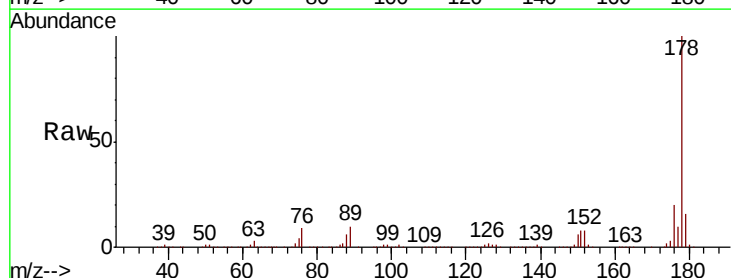


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

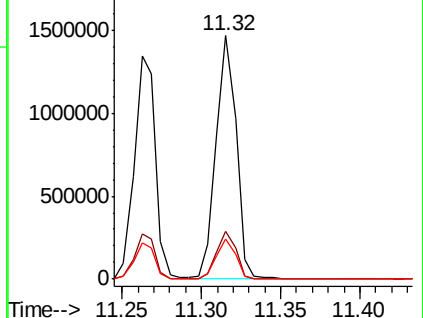
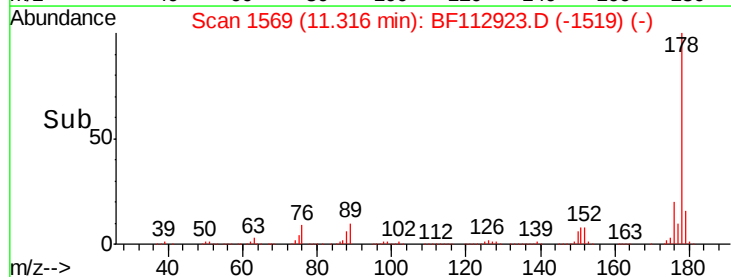


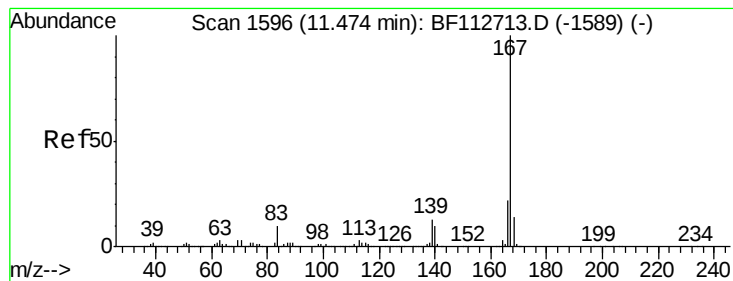
#72
Anthracene
Concen: 38.035 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:178 Resp: 1304120
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.2 13.0 19.6



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: 37.023 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

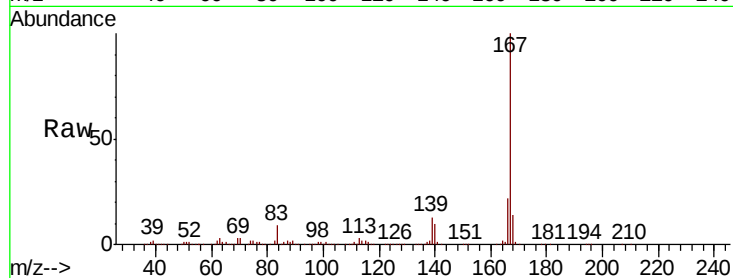
Tgt Ion:167 Resp: 1238333

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

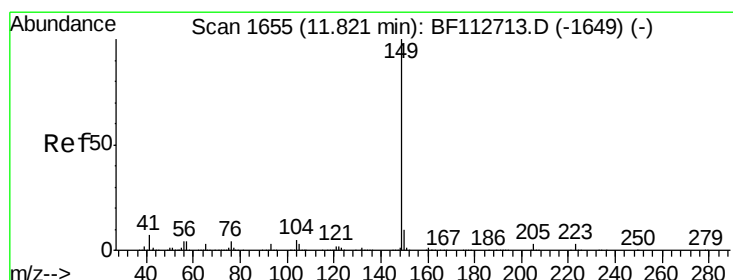
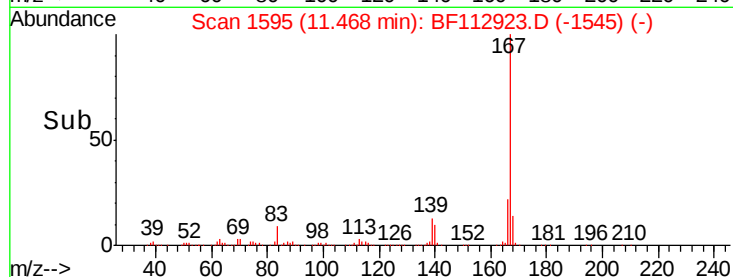
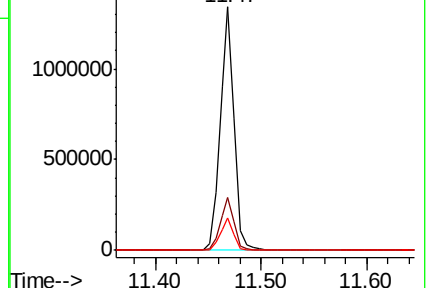
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.182 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

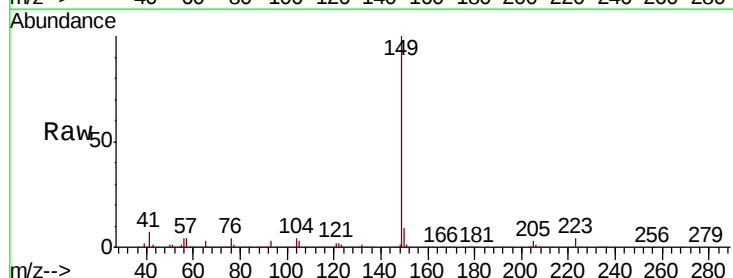
Tgt Ion:149 Resp: 1531310

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

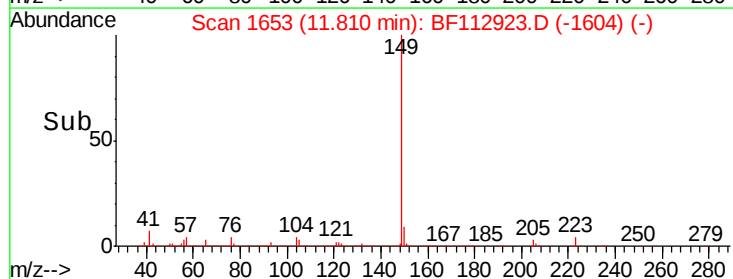
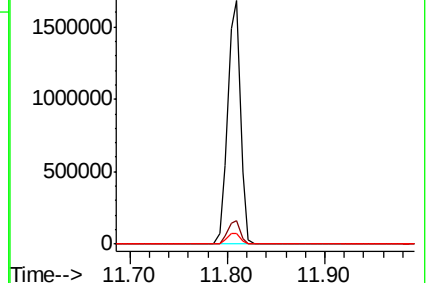
104 4.4 3.7 5.5

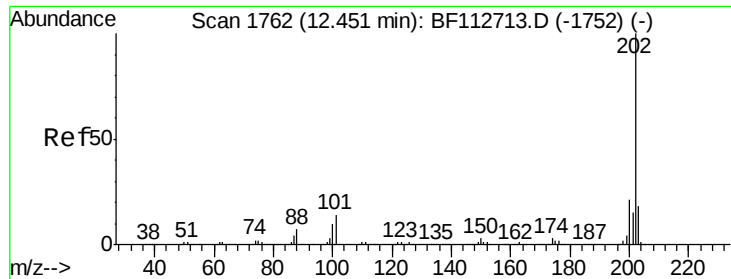


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.681 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

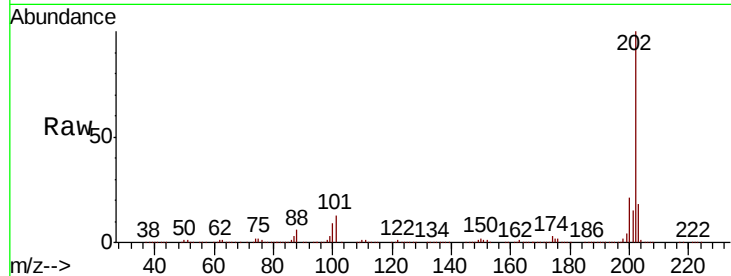
Tgt Ion:202 Resp: 1357447

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.8

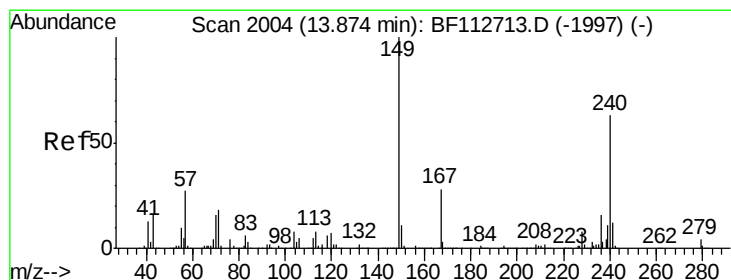
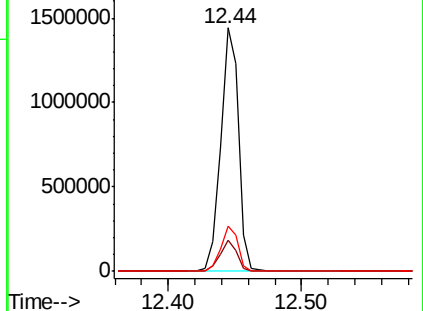
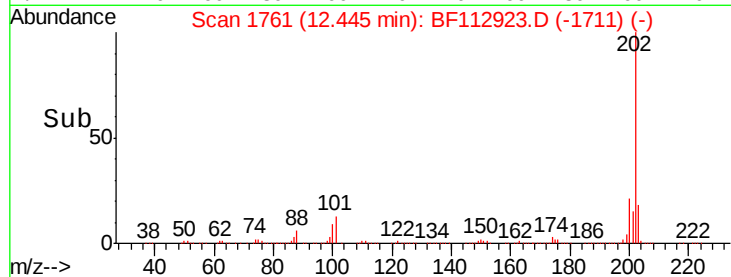
203 18.5 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

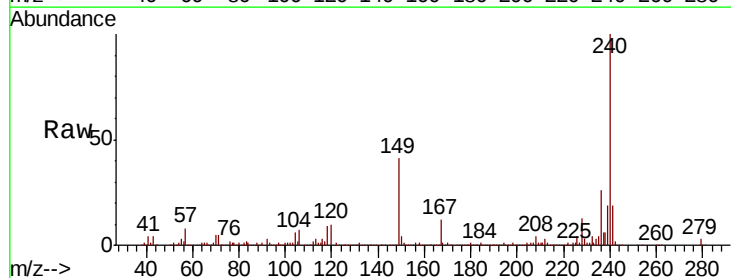
Tgt Ion:240 Resp: 446937

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

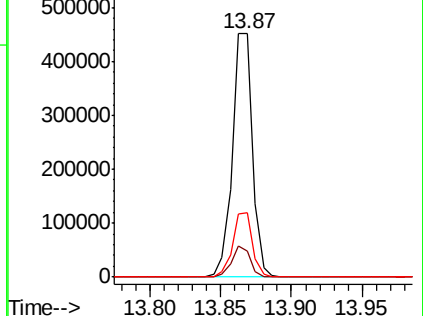
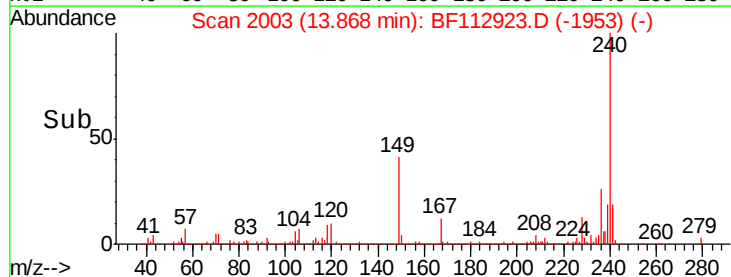
236 26.4 20.7 31.1

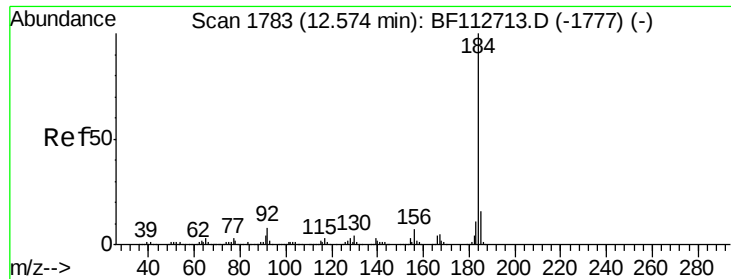


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.426 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

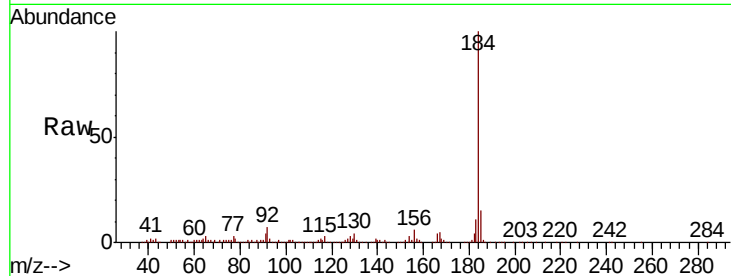
Tgt Ion:184 Resp: 612759

Ion Ratio Lower Upper

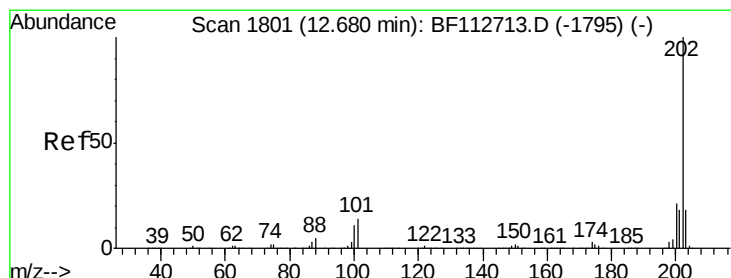
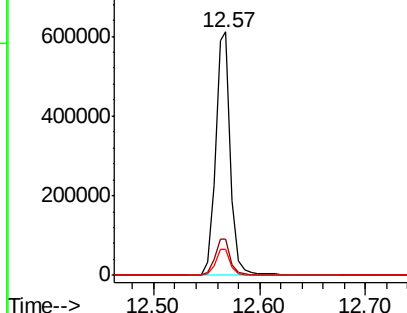
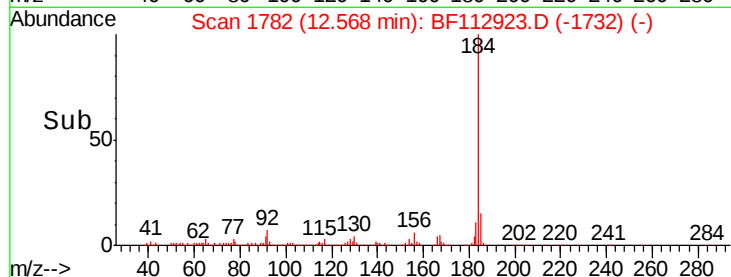
184 100

185 14.8 12.6 18.8

183 10.8 8.6 12.8



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: 36.819 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

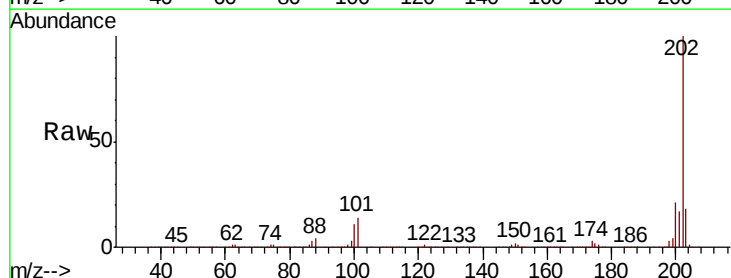
Tgt Ion:202 Resp: 1387244

Ion Ratio Lower Upper

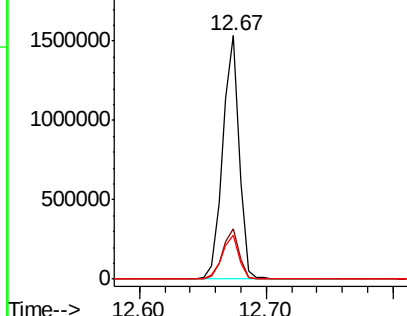
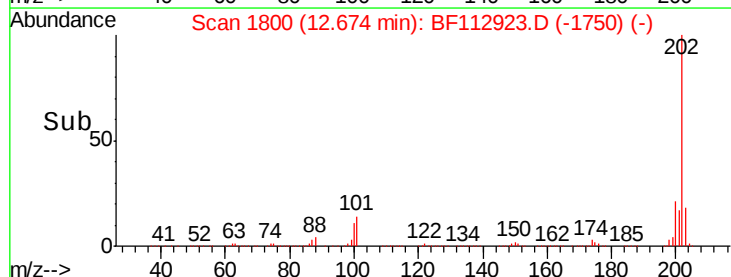
202 100

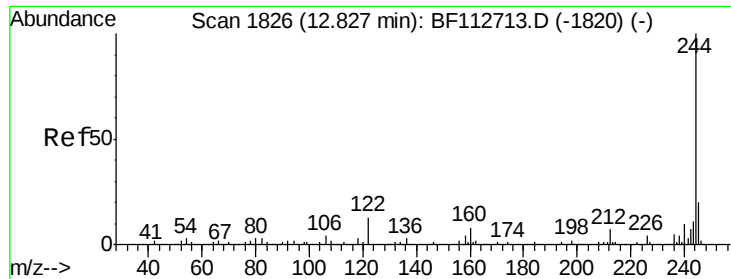
200 20.5 17.0 25.4

203 18.0 14.4 21.6



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

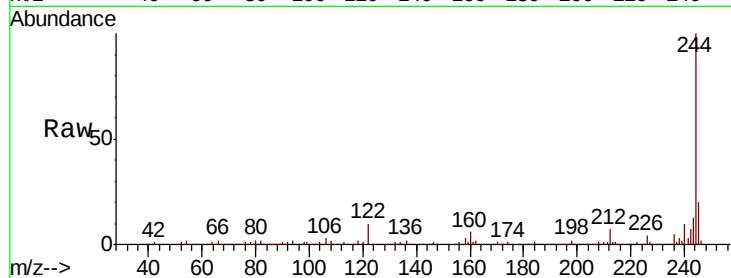




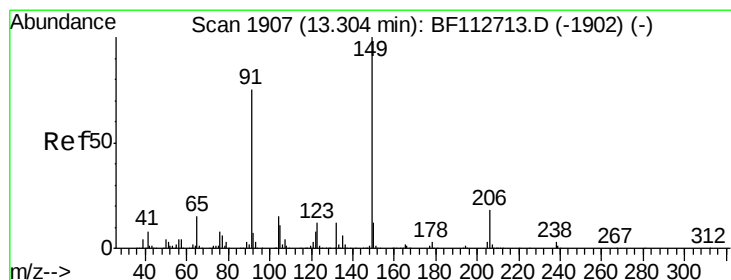
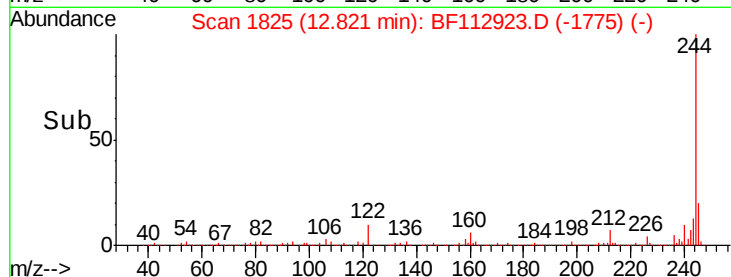
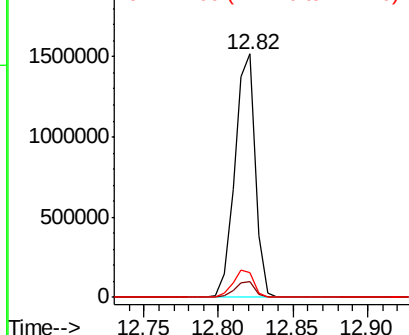
#79
 Terphenyl-d14
 Concen: 63.424 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:244 Resp: 1462295
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 10.5 15.7#

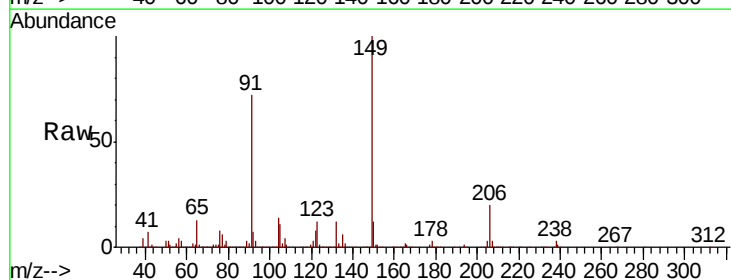


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

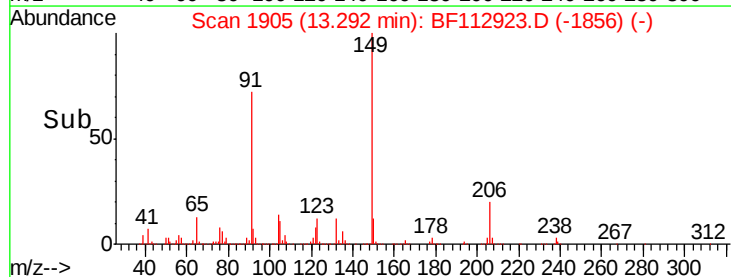
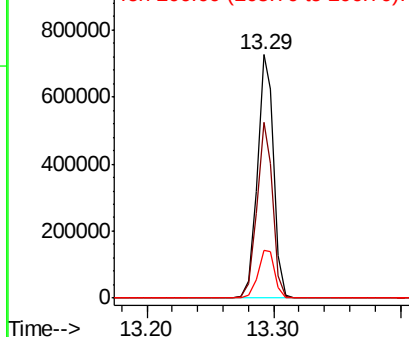


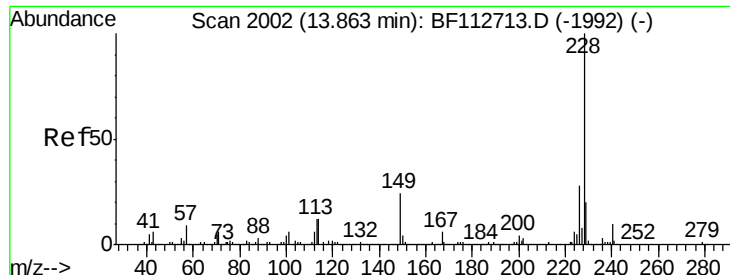
#80
 Butylbenzylphthalate
 Concen: 39.657 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BF112923.D
 Acq: 7 Mar 2019 16:08

Tgt Ion:149 Resp: 659547
 Ion Ratio Lower Upper
 149 100
 91 72.3 59.9 89.9
 206 19.7 14.7 22.1



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: 33.803 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

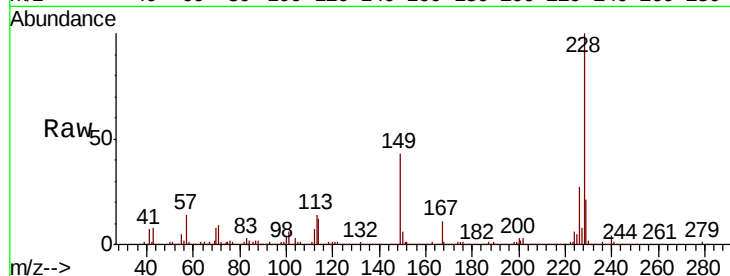
Tgt Ion:228 Resp: 1047083

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.4

229 20.6 16.0 24.0

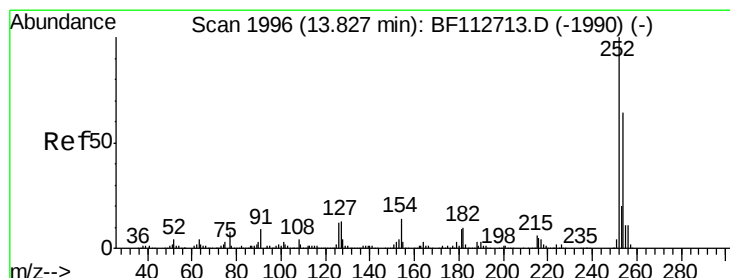
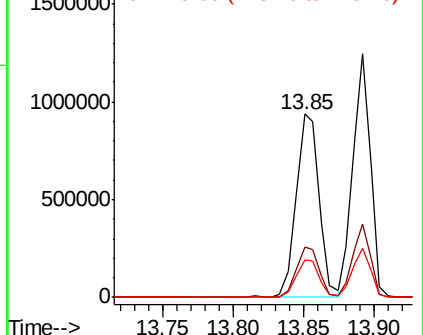
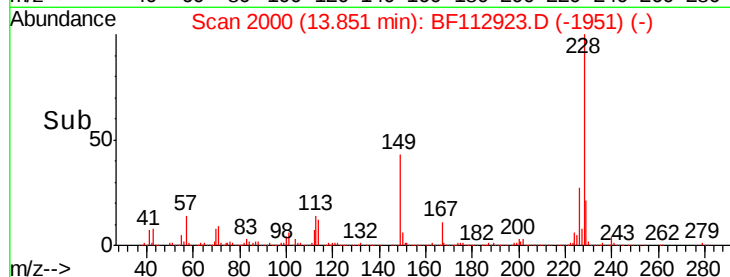


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.694 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

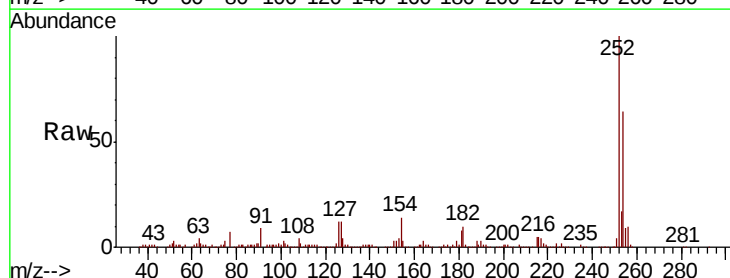
Tgt Ion:252 Resp: 324442

Ion Ratio Lower Upper

252 100

254 64.0 51.1 76.7

126 11.9 9.9 14.9

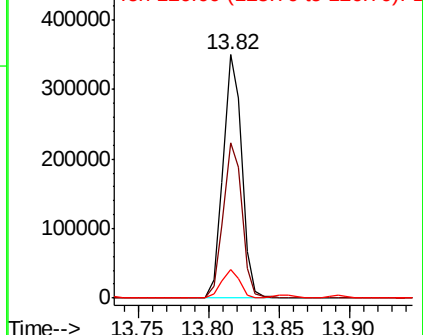
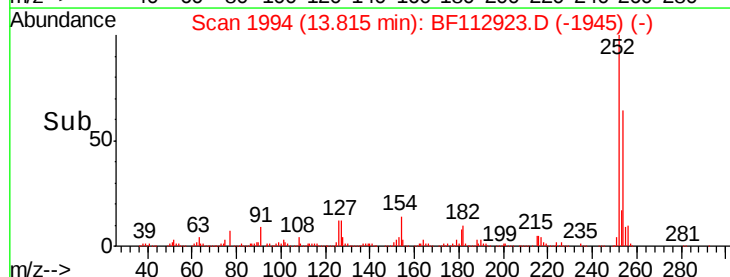


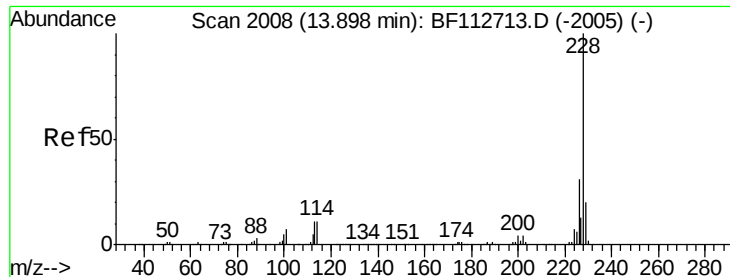
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.370 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

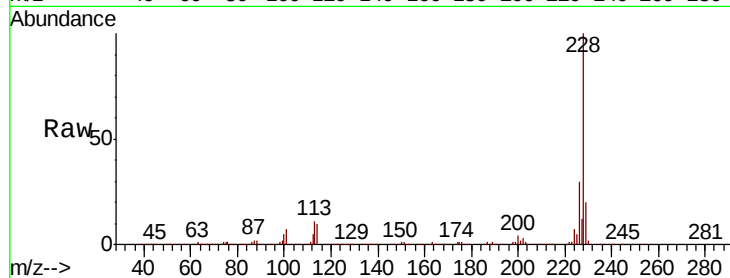
Tgt Ion:228 Resp: 1073183

Ion Ratio Lower Upper

228 100

226 30.3 24.9 37.3

229 20.2 16.3 24.5

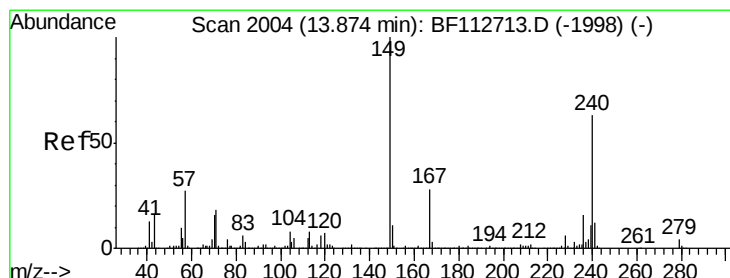
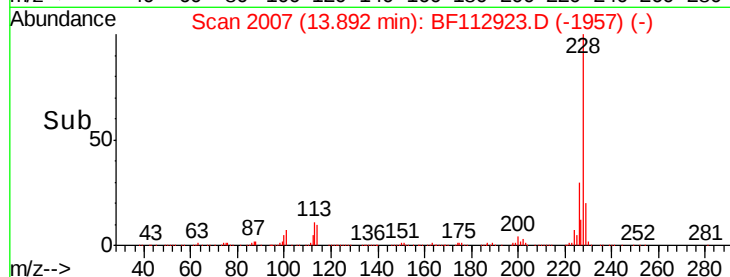
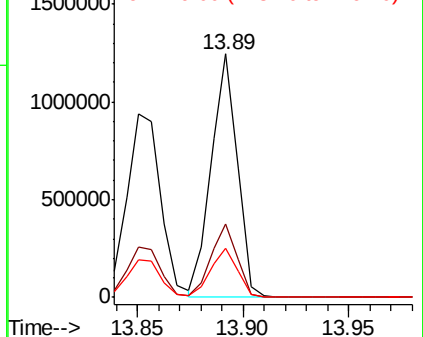


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.764 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

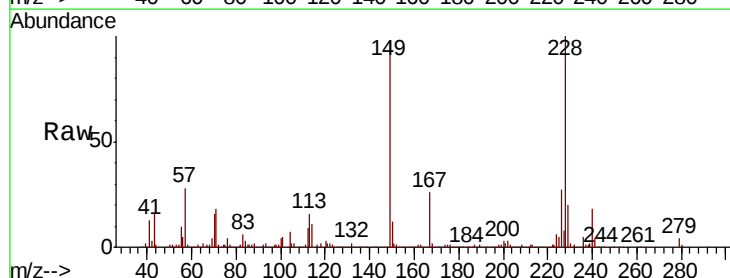
Tgt Ion:149 Resp: 814704

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

279 3.7 3.3 4.9

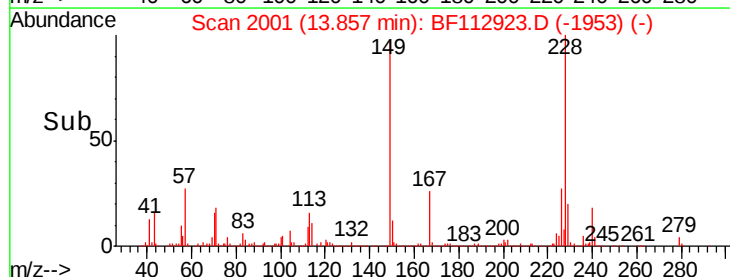
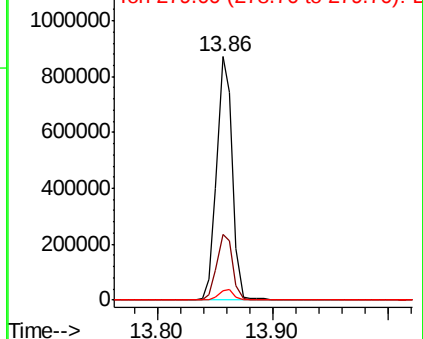


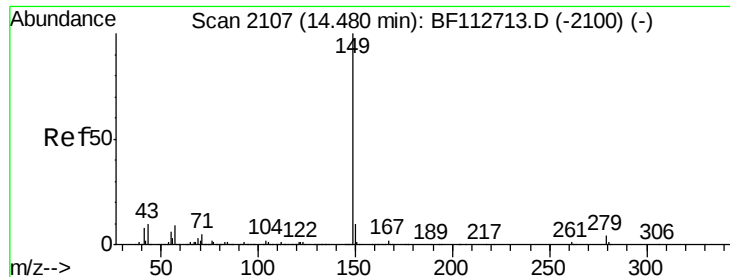
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

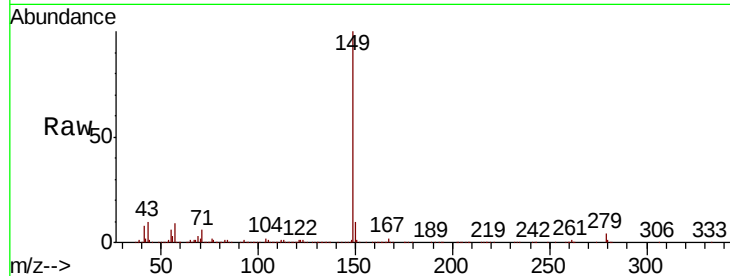




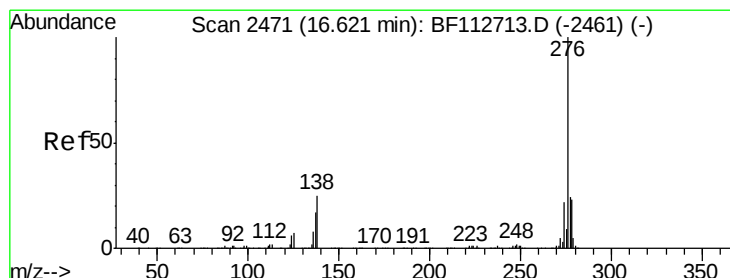
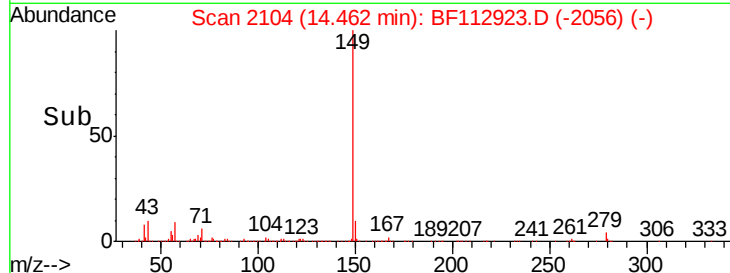
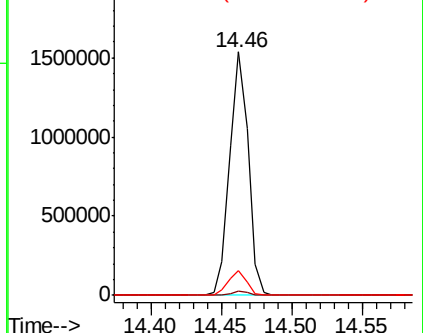
#85
Di-n-octyl phthalate
Concen: 42.118 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.02 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1410838
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.9 9.0 13.4

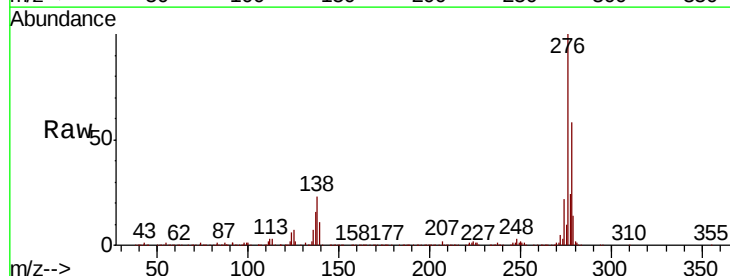


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

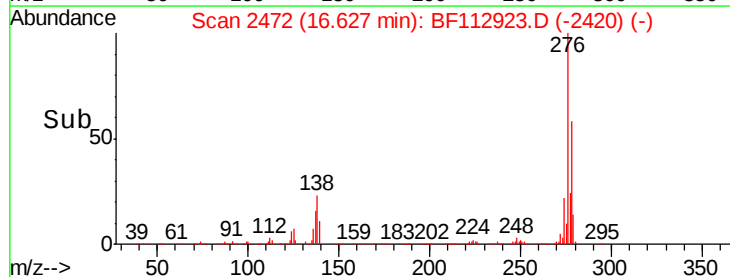
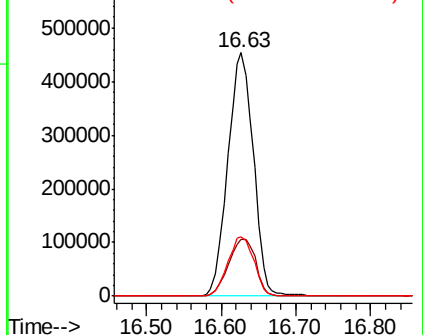


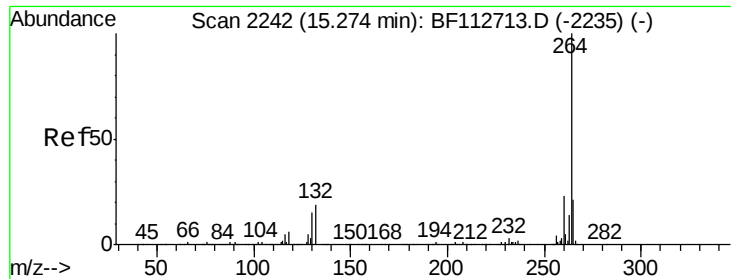
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.886 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:276 Resp: 1083469
Ion Ratio Lower Upper
276 100
138 25.0 23.2 34.8
277 25.1 19.9 29.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

Instrument :

BNA_F

ClientSampleId :

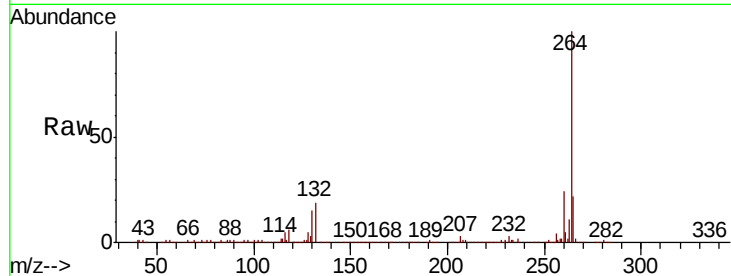
Tgt Ion:264 Resp: 413939

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

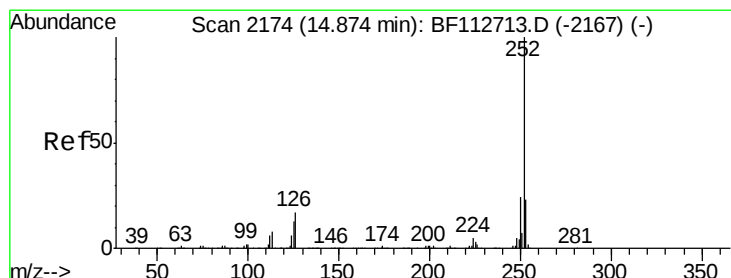
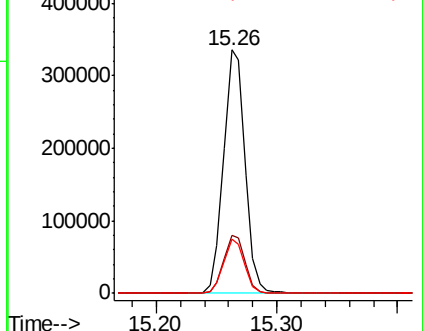
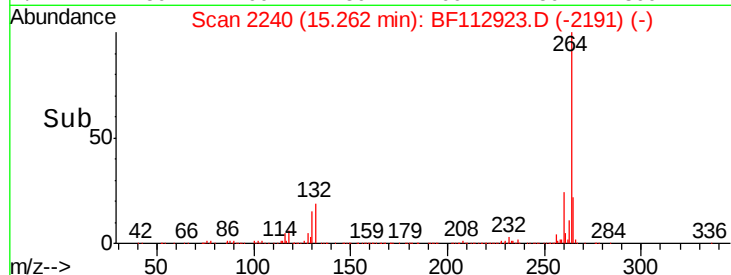
265 22.3 17.2 25.8



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: 38.742 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF112923.D

Acq: 7 Mar 2019 16:08

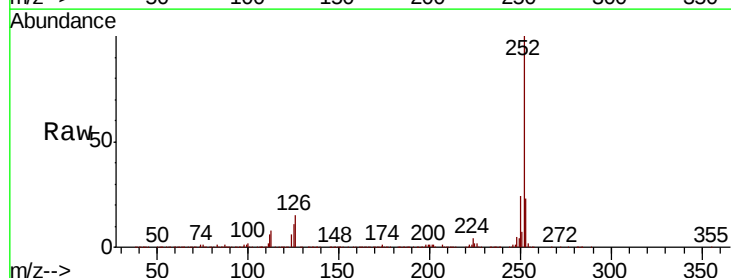
Tgt Ion:252 Resp: 1037321

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

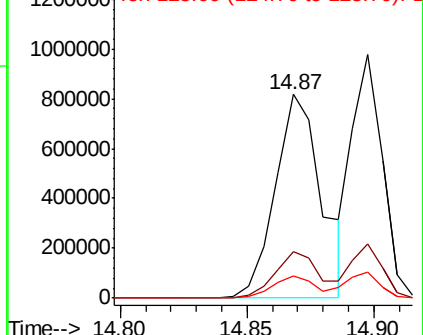
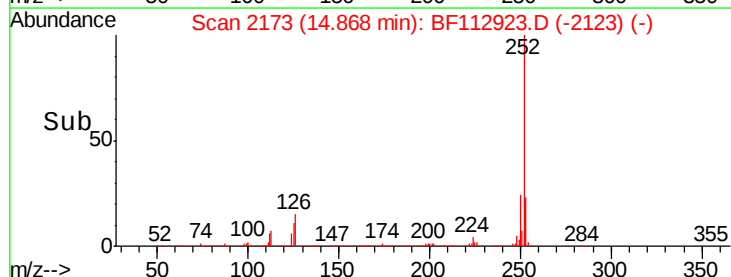
125 11.1 10.2 15.2

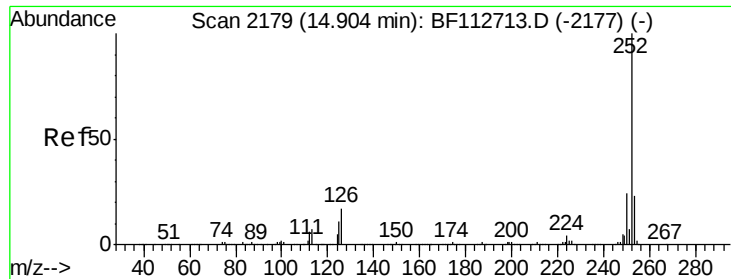


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

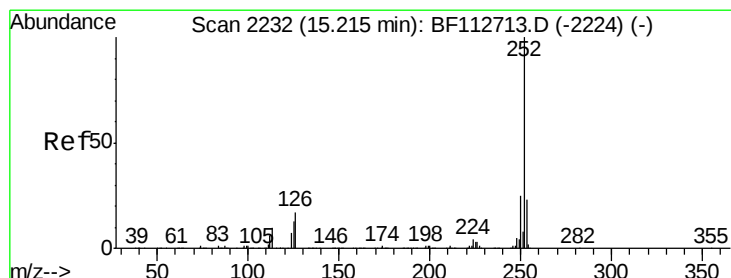
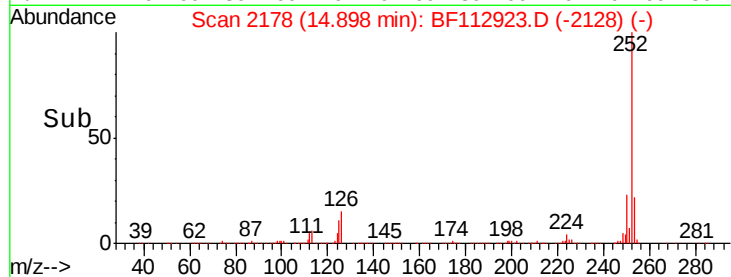
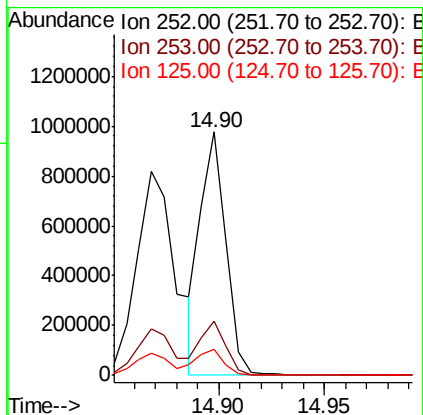
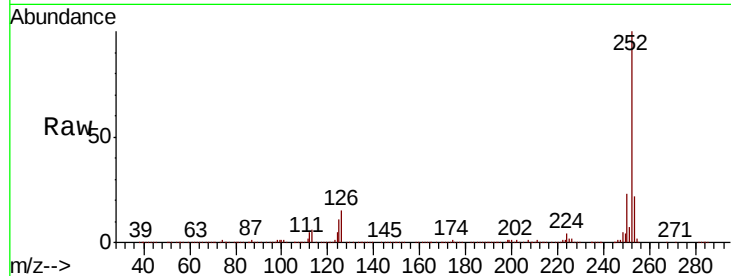




#89
Benzo(k)fluoranthene
Concen: 33.824 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

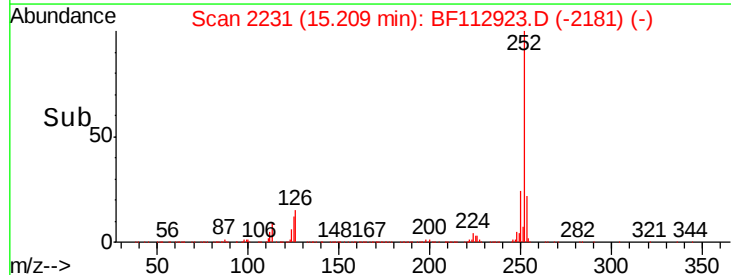
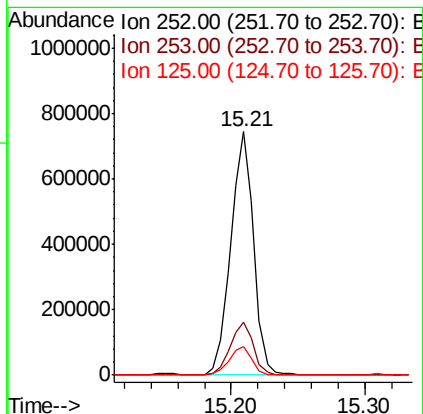
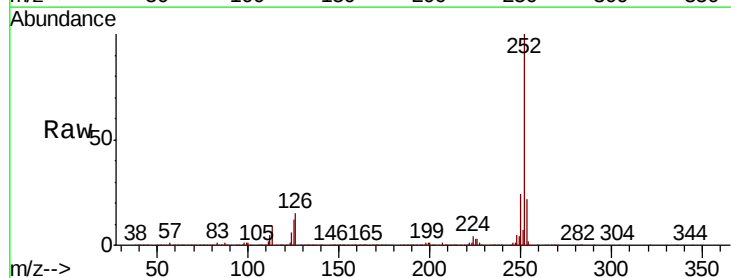
Instrument :
BNA_F
ClientSampleId :

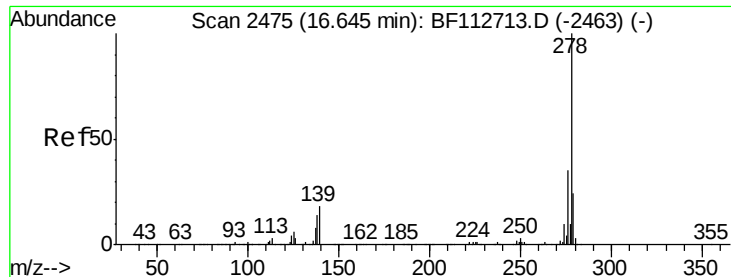
Tgt Ion:252 Resp: 820319
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 10.7 9.8 14.6



#90
Benzo(a)pyrene
Concen: 37.562 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion:252 Resp: 889574
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 11.6 10.7 16.1

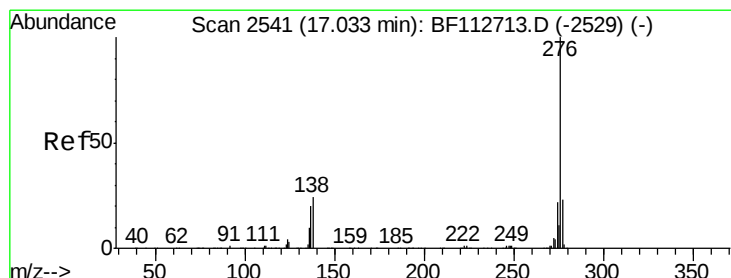
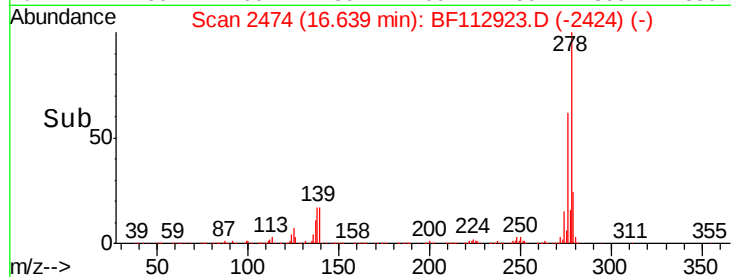
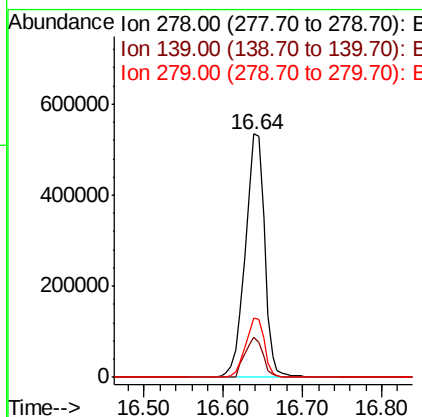
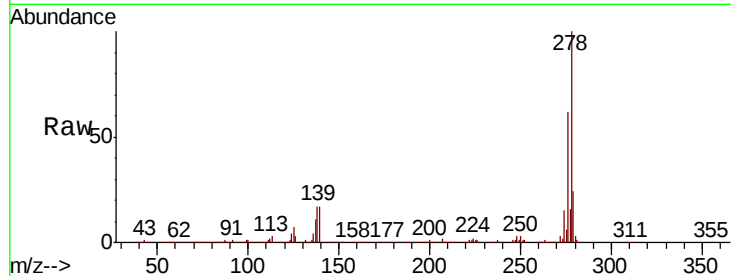




#91
Dibenzo(a,h)anthracene
Concen: 44.907 ng
RT: 16.64 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Instrument :
BNA_F
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.3	21.5
279	24.1	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 46.245 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BF112923.D
Acq: 7 Mar 2019 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	21.5	19.4	29.0

