

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113292.D
 Acq On : 26 Mar 2019 15:22
 Operator : JU/SJ
 Sample : K2081-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Quant Time: Mar 27 04:57:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	131708	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	468818	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	256320	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	519172	20.00	ng	0.00
76) Chrysene-d12	13.84	240	386898	20.00	ng	0.00
87) Perylene-d12	15.24	264	386481	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	990602	122.98	ng	0.01
7) Phenol-d6	6.36	99	1236052	121.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	769983	97.48	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	401338	126.76	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1379843	84.21	ng	0.00
79) Terphenyl-d14	12.79	244	1596248	90.94	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.39	88	136304	33.352 ng	100
3) Pyridine	3.11	79	346216	34.364 ng	98
4) n-Nitrosodimethylamine	3.03	42	168635	37.651 ng	94
6) Aniline	6.36	93	311974	25.141 ng	84
8) 2-Chlorophenol	6.49	128	372969	39.873 ng	98
9) Benzaldehyde	6.25	77	86103	12.592 ng	98
10) Phenol	6.37	94	469819	40.386 ng	81
11) bis(2-Chloroethyl)ether	6.44	93	345819	38.781 ng	99
12) 1,3-Dichlorobenzene	6.65	146	379836	37.672 ng	98
13) 1,4-Dichlorobenzene	6.72	146	389132	39.971 ng	99
14) 1,2-Dichlorobenzene	6.87	146	361851	37.781 ng	98
15) Benzyl Alcohol	6.85	79	304664	45.320 ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	552294	41.228 ng	98
17) 2-Methylphenol	6.97	107	307839	41.994 ng	98
18) Hexachloroethane	7.22	117	137217	39.242 ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	247997	38.745 ng	99
20) 3+4-Methylphenols	7.13	107	380336	45.204 ng	93
22) Acetophenone	7.12	105	497441	46.526 ng	# 98
24) Nitrobenzene	7.29	77	389872	47.301 ng	98
25) Isophorone	7.53	82	664682	43.423 ng	98
26) 2-Nitrophenol	7.60	139	194309	44.600 ng	93
27) 2,4-Dimethylphenol	7.65	122	314015	50.105 ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	419679	43.537 ng	100
29) 2,4-Dichlorophenol	7.85	162	306761	45.168 ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	321141	43.828 ng	99
31) Naphthalene	8.01	128	1019235	44.489 ng	99
32) Benzoic acid	7.74	122	33942	6.728 ng	93
33) 4-Chloroaniline	8.06	127	214737	24.037 ng	99
34) Hexachlorobutadiene	8.13	225	185962	42.701 ng	99
35) Caprolactam	8.42	113	50923	23.363 ng	96
36) 4-Chloro-3-methylphenol	8.56	107	309763	45.347 ng	97
37) 2-Methylnaphthalene	8.70	142	685794	47.974 ng	99
38) 1-Methylnaphthalene	8.80	142	645390	46.938 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	316549	38.473 ng	99

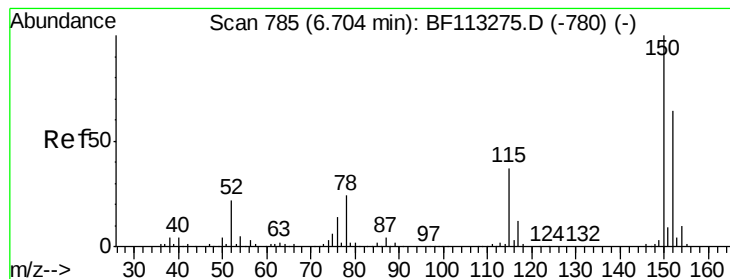
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113292.D
 Acq On : 26 Mar 2019 15:22
 Operator : JU/SJ
 Sample : K2081-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Quant Time: Mar 27 04:57:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	292507	83.990	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	218394	40.761	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	234718	39.584	ng	98
46) 1,1'-Biphenyl	9.16	154	842780	39.368	ng	99
47) 2-Chloronaphthalene	9.19	162	649923	39.430	ng	98
48) 2-Nitroaniline	9.28	65	212841	41.148	ng	97
49) Acenaphthylene	9.60	152	1141681	42.838	ng	100
50) Dimethylphthalate	9.46	163	871873	45.899	ng	100
51) 2,6-Dinitrotoluene	9.52	165	181672	42.394	ng	100
52) Acenaphthene	9.77	154	641224	42.723	ng	99
53) 3-Nitroaniline	9.69	138	150928	31.231	ng	99
54) 2,4-Dinitrophenol	9.80	184	84994	39.878	ng	91
55) Dibenzofuran	9.94	168	991975	43.964	ng	99
56) 4-Nitrophenol	9.87	139	286517	83.161	ng	88
57) 2,4-Dinitrotoluene	9.93	165	239351	43.921	ng	98
58) Fluorene	10.28	166	743673	42.427	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	225296	44.931	ng	99
60) Diethylphthalate	10.16	149	795658	42.698	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	368665	43.155	ng	94
62) 4-Nitroaniline	10.30	138	206340	41.470	ng	97
63) Azobenzene	10.43	77	752385	42.893	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	104485	36.789	ng	98
66) n-Nitrosodiphenylamine	10.39	169	686962	43.121	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	238287	42.111	ng	95
68) Hexachlorobenzene	10.83	284	278880	42.460	ng	97
69) Atrazine	10.92	200	216265	43.009	ng	96
70) Pentachlorophenol	11.03	266	273843	80.024	ng	98
71) Phenanthrene	11.24	178	1095537	42.492	ng	99
72) Anthracene	11.29	178	1153691	44.054	ng	100
73) Carbazole	11.45	167	1080876	43.254	ng	100
74) Di-n-butylphthalate	11.78	149	1226981	42.342	ng	99
75) Fluoranthene	12.42	202	1193189	40.938	ng	100
77) Benzidine	12.54	184	377481	25.478	ng	96
78) Pyrene	12.64	202	1208119	45.061	ng	100
80) Butylbenzylphthalate	13.27	149	514990	43.585	ng	94
81) Benzo(a)anthracene	13.83	228	906467	40.930	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	264195	29.736	ng	99
83) Chrysene	13.87	228	956108	42.503	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	619939	42.799	ng	# 99
85) Di-n-octyl phthalate	14.43	149	1070799	43.551	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1108897	57.439	ng	98
88) Benzo(b)fluoranthene	14.84	252	922507	38.425	ng	99
89) Benzo(k)fluoranthene	14.87	252	894435	42.423	ng	99
90) Benzo(a)pyrene	15.19	252	907137	42.620	ng	98
91) Dibenzo(a,h)anthracene	16.60	278	922501	50.126	ng	99
92) Benzo(g,h,i)perylene	17.00	276	975803	52.587	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

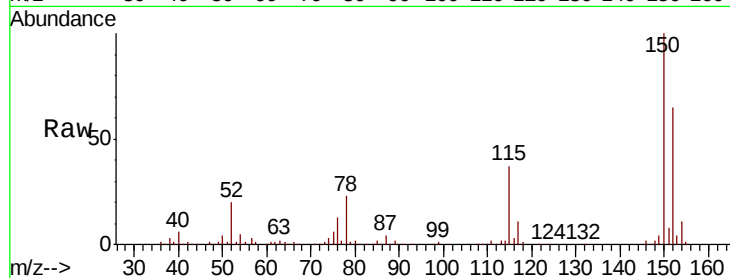
Tgt Ion:152 Resp: 131708

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

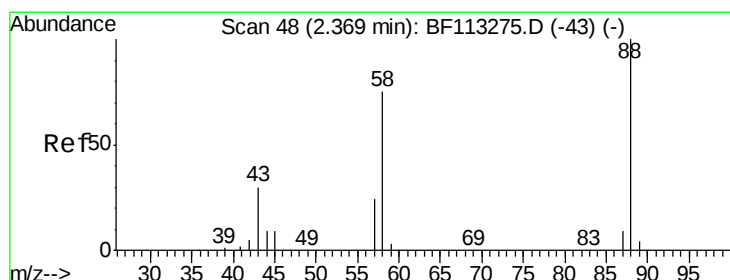
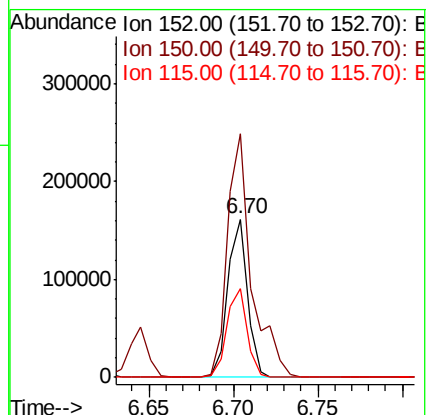
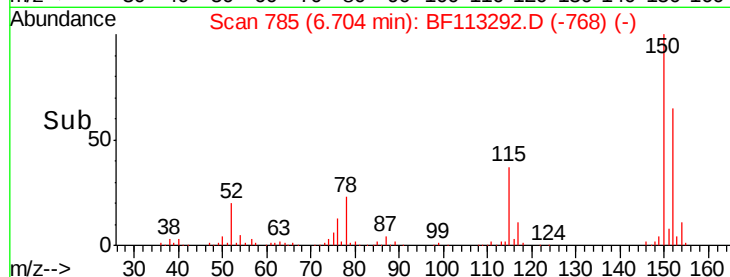
115 56.3 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.352 ng

RT: 2.39 min Scan# 52

Delta R.T. 0.02 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

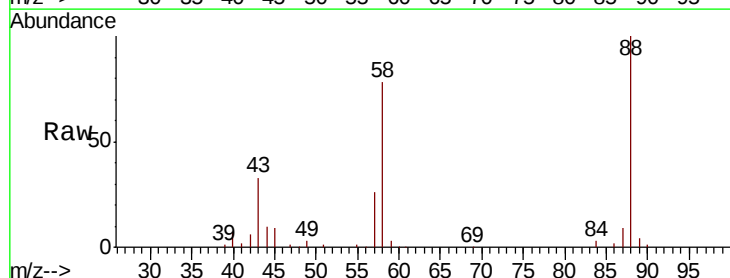
Tgt Ion: 88 Resp: 136304

Ion Ratio Lower Upper

88 100

58 77.5 61.9 92.9

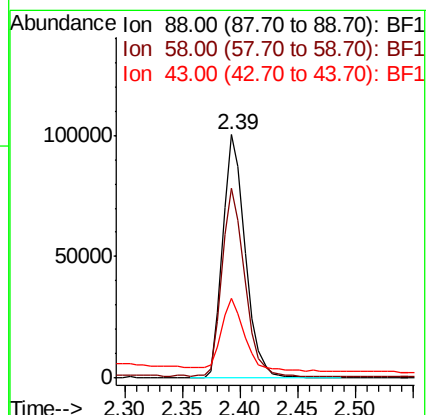
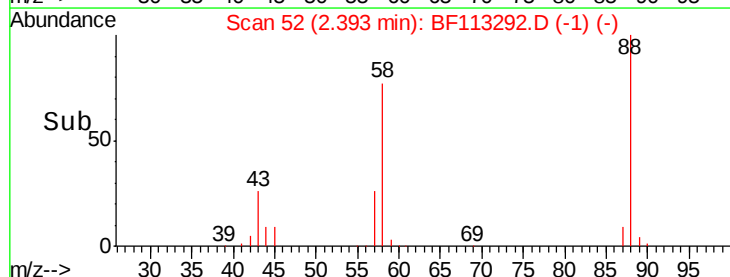
43 30.5 24.2 36.4

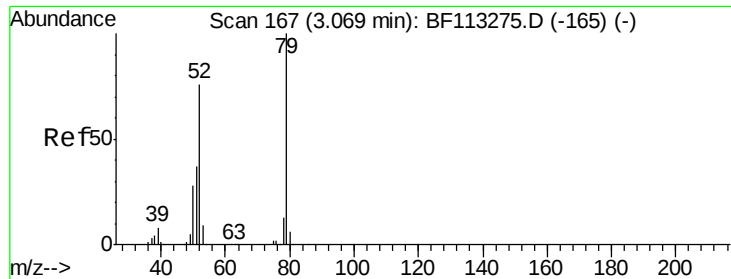


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 34.364 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.04 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

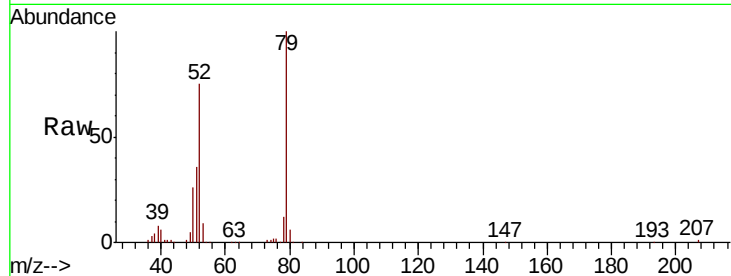
Tgt Ion: 79 Resp: 346216

Ion Ratio Lower Upper

79 100

52 74.6 61.0 91.4

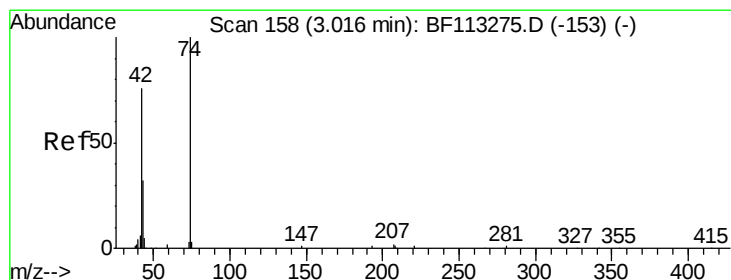
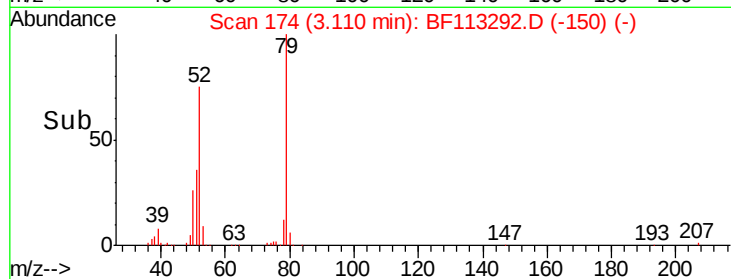
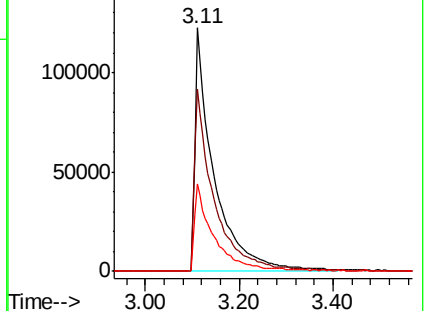
51 36.1 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.651 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

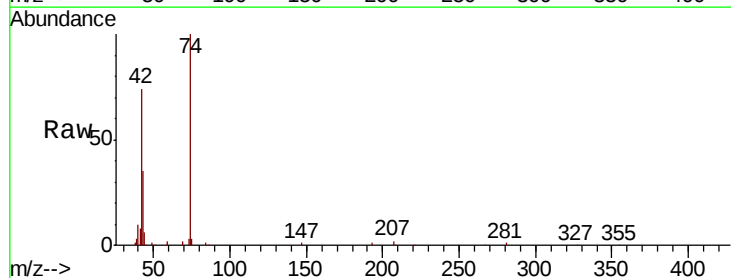
Tgt Ion: 42 Resp: 168635

Ion Ratio Lower Upper

42 100

74 135.1 102.4 153.6

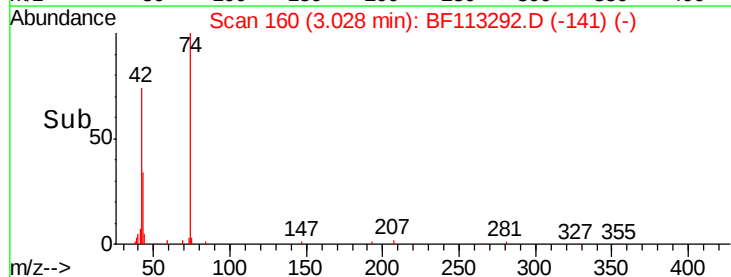
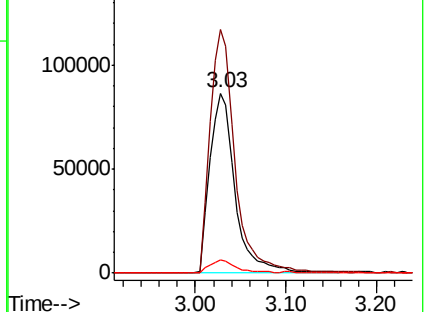
44 7.5 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 122.981 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

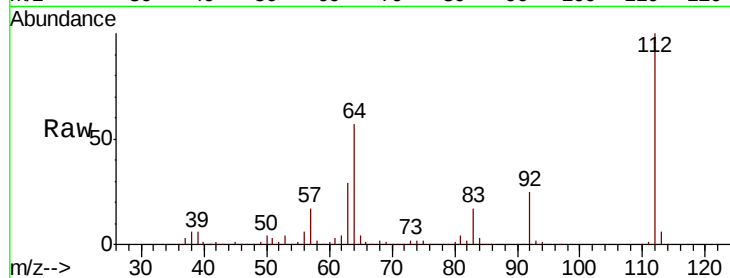
Tgt Ion: 112 Resp: 990602

Ion Ratio Lower Upper

112 100

64 56.9 49.2 73.8

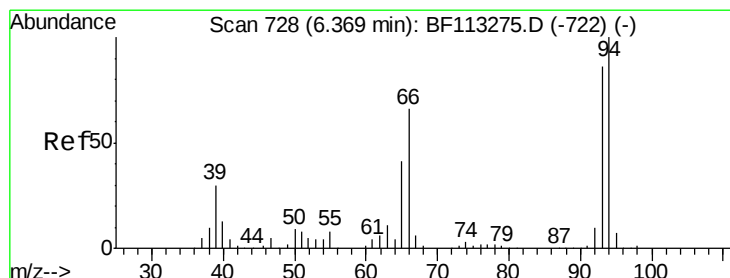
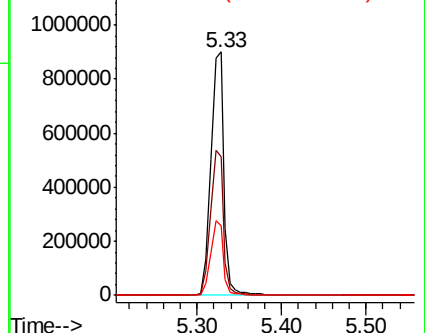
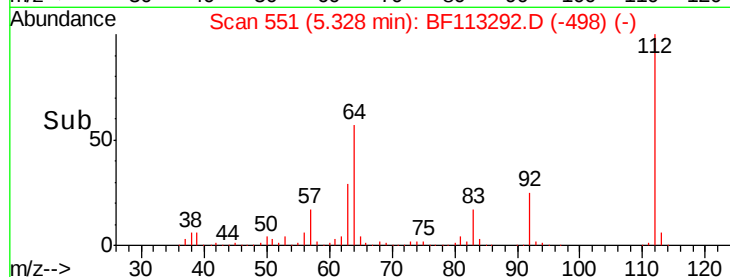
63 28.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.141 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

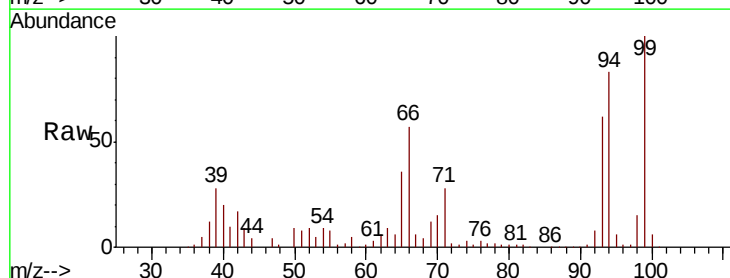
Tgt Ion: 93 Resp: 311974

Ion Ratio Lower Upper

93 100

66 92.8 62.1 93.1

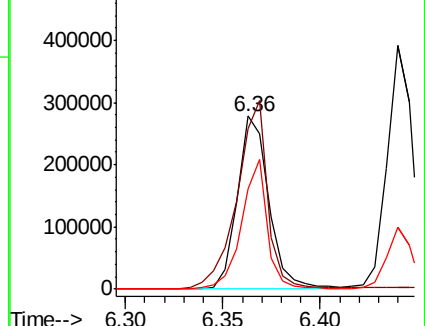
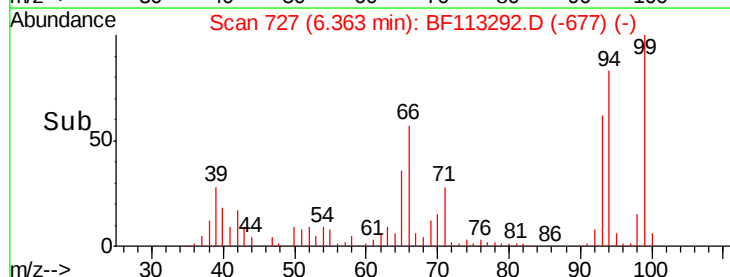
65 57.8 38.7 58.1



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: 121.301 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

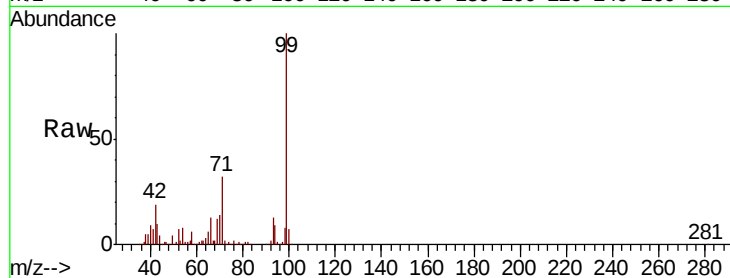
Tgt Ion: 99 Resp: 1236052

Ion Ratio Lower Upper

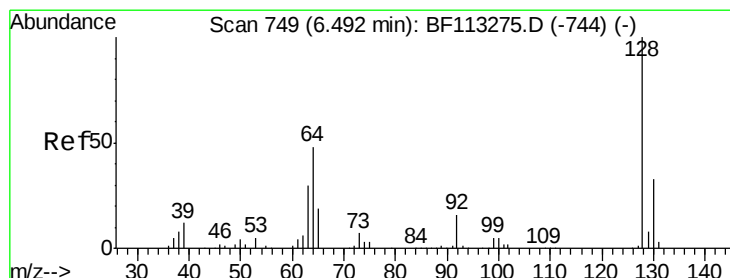
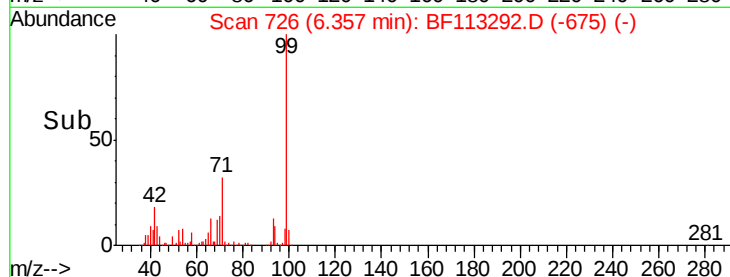
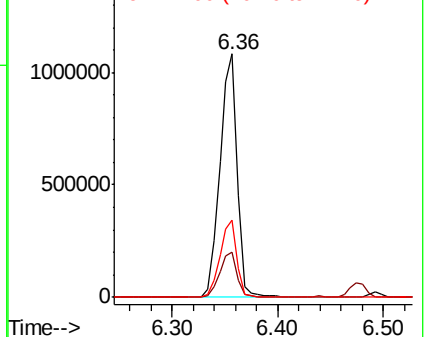
99 100

42 18.5 14.8 22.2

71 31.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.873 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

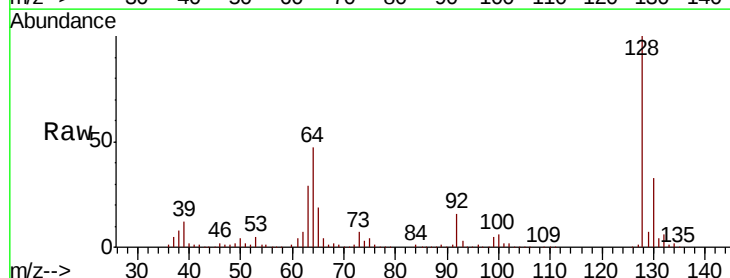
Tgt Ion: 128 Resp: 372969

Ion Ratio Lower Upper

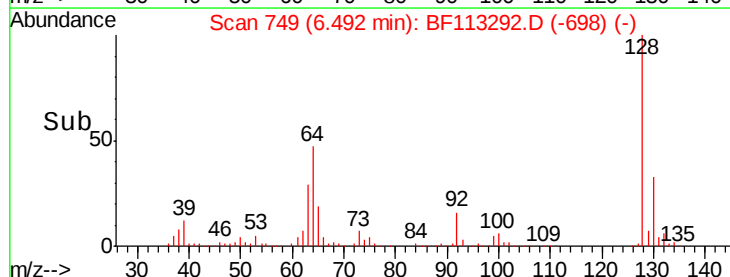
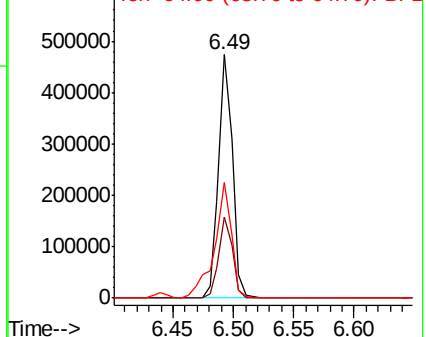
128 100

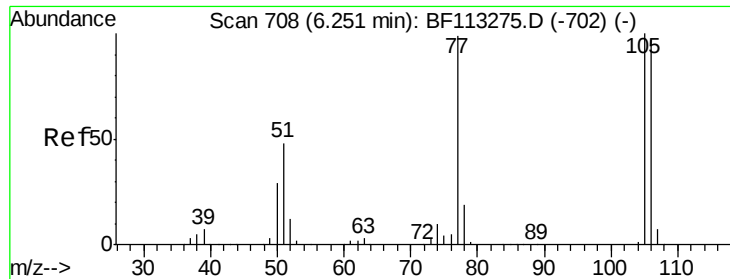
130 33.1 12.6 52.6

64 47.4 29.4 69.4



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

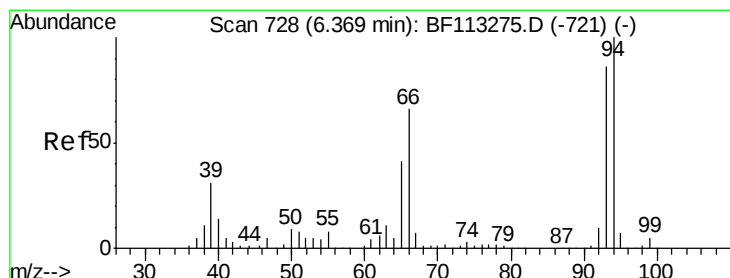
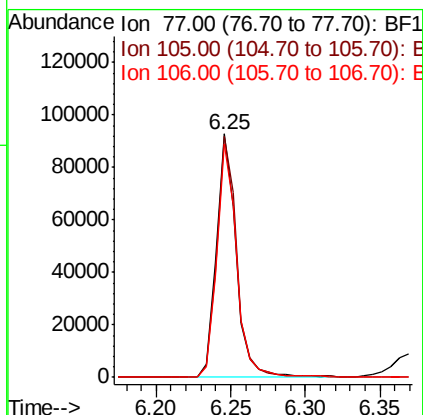
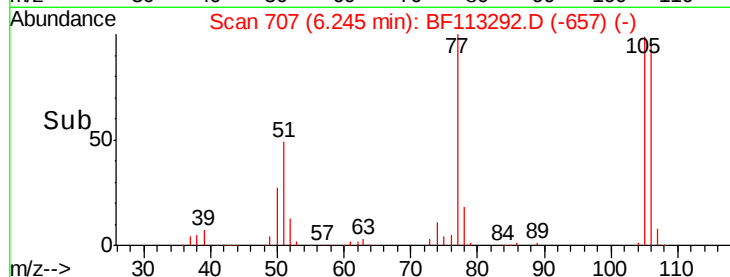
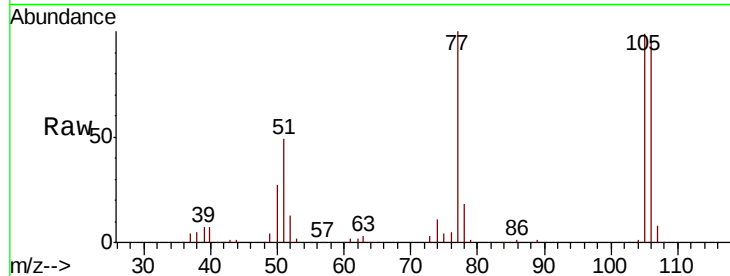




#9
Benzaldehyde
Concen: 12.592 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

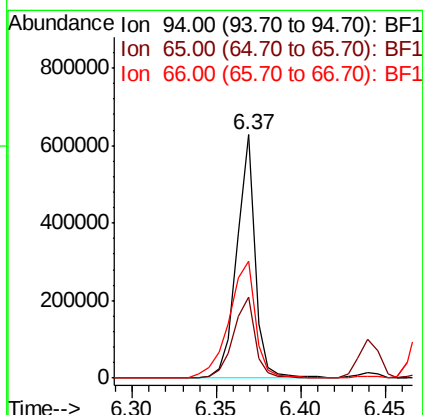
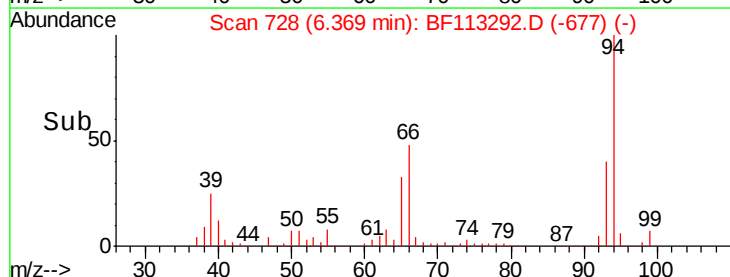
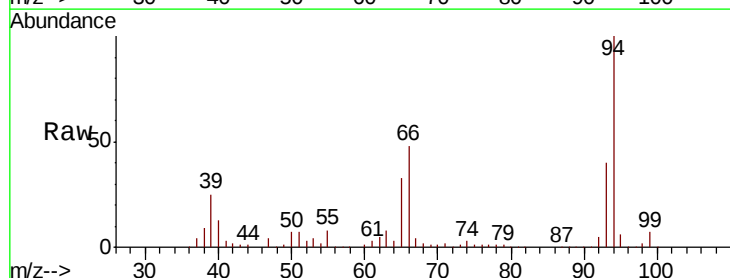
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion: 77 Resp: 86103
Ion Ratio Lower Upper
77 100
105 99.0 80.9 120.9
106 96.1 77.8 117.8



#10
Phenol
Concen: 40.386 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion: 94 Resp: 469819
Ion Ratio Lower Upper
94 100
65 33.3 21.4 61.4
66 48.2 46.4 86.4





#11

bis(2-Chloroethyl)ether

Concen: 38.781 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

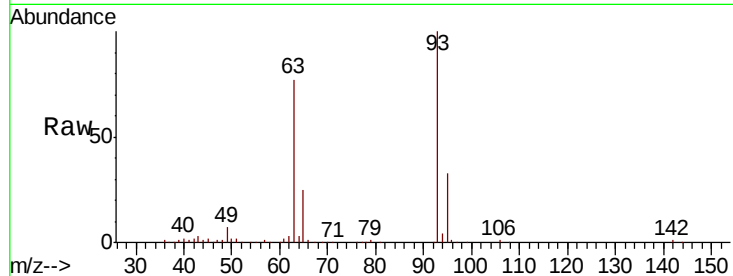
Tgt Ion: 93 Resp: 345819

Ion Ratio Lower Upper

93 100

63 77.3 56.1 96.1

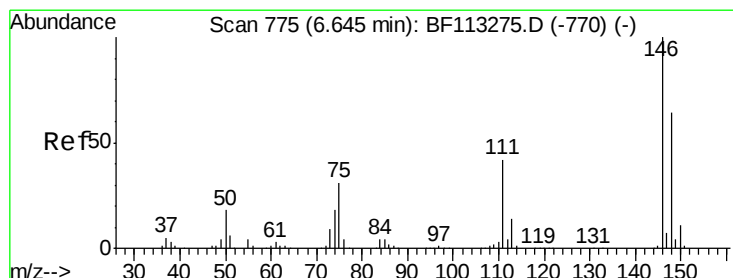
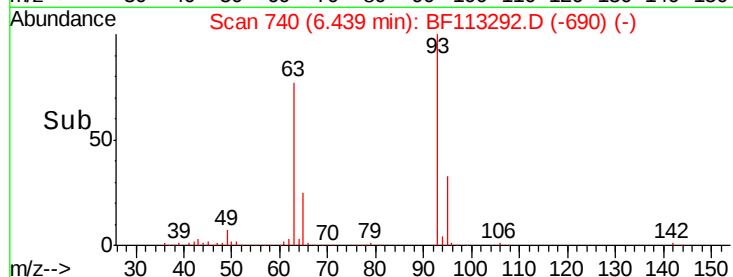
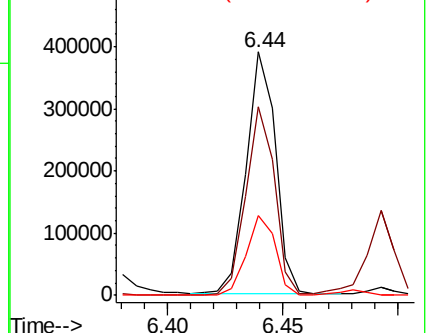
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.672 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

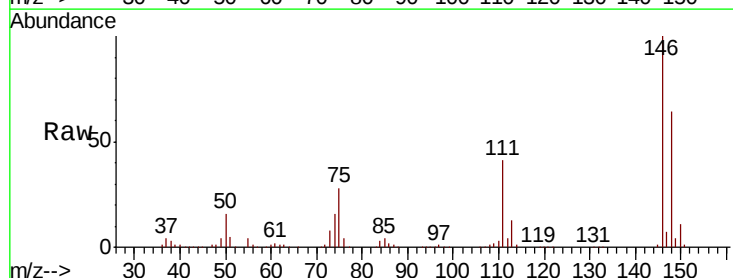
Tgt Ion: 146 Resp: 379836

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.0

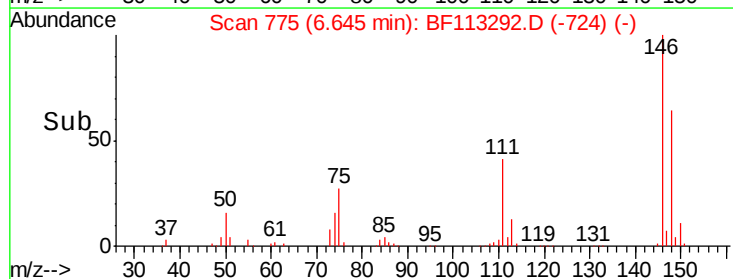
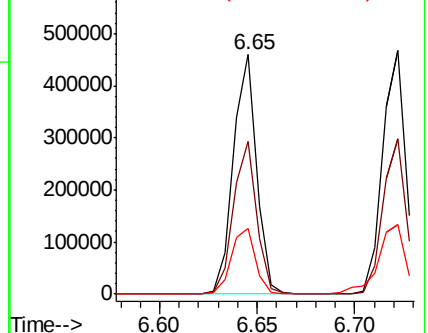
75 27.6 24.8 37.2

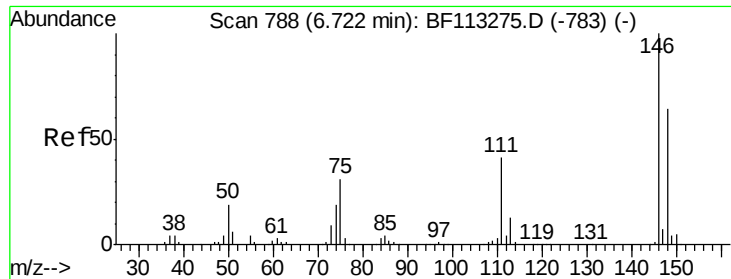


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

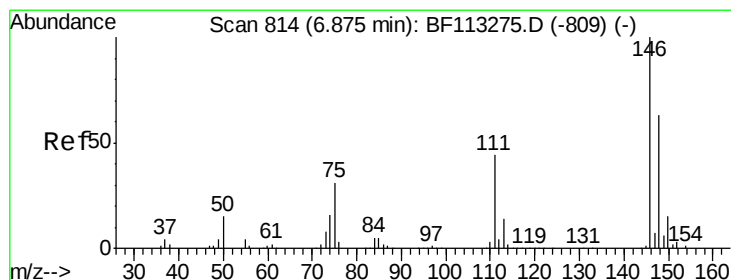
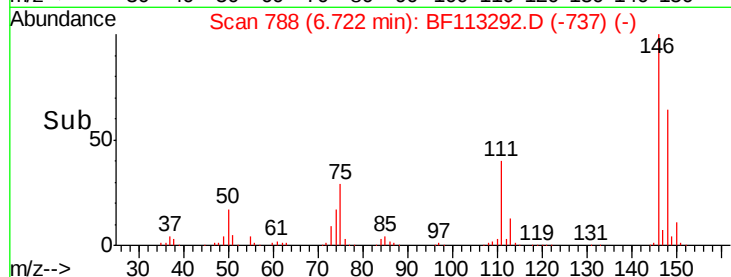
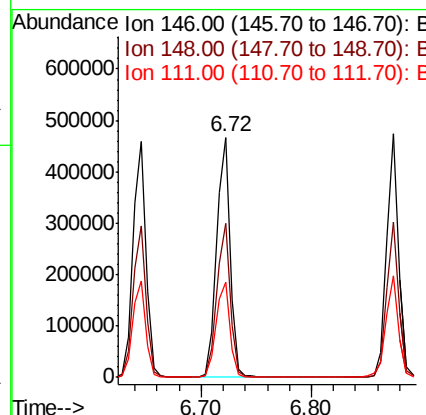
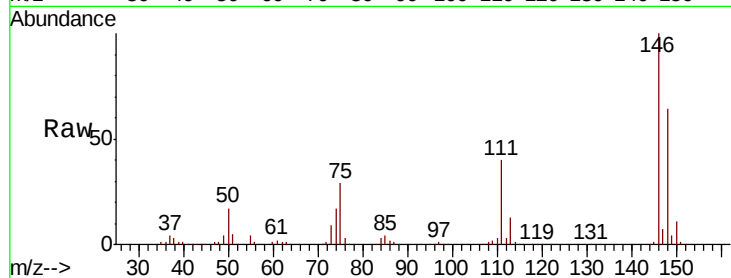




#13
 1,4-Dichlorobenzene
 Concen: 39.971 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

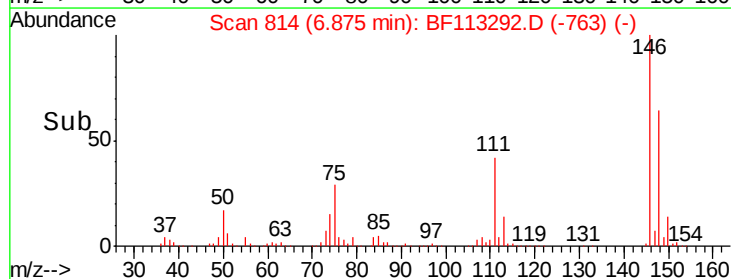
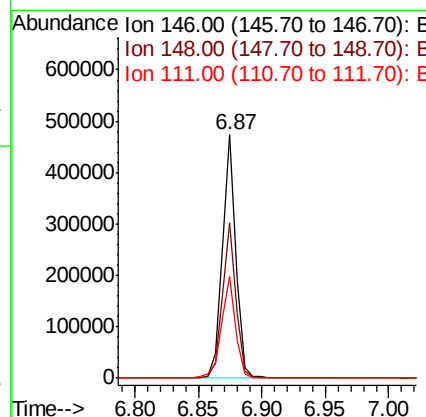
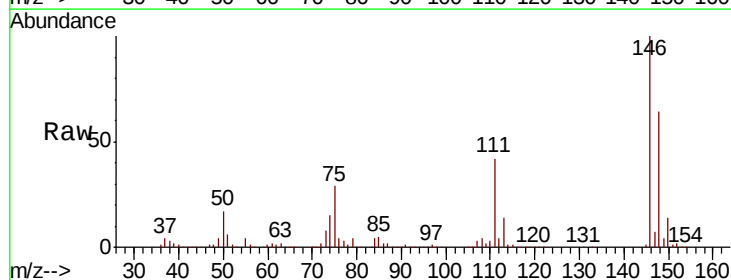
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:146 Resp: 389132
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 39.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.781 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:146 Resp: 361851
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.2 75.4
 111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 45.320 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

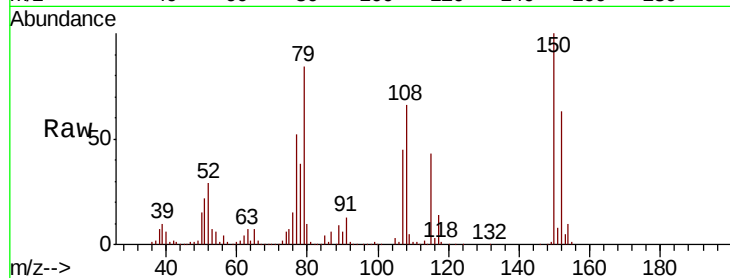
Tgt Ion: 79 Resp: 304664

Ion Ratio Lower Upper

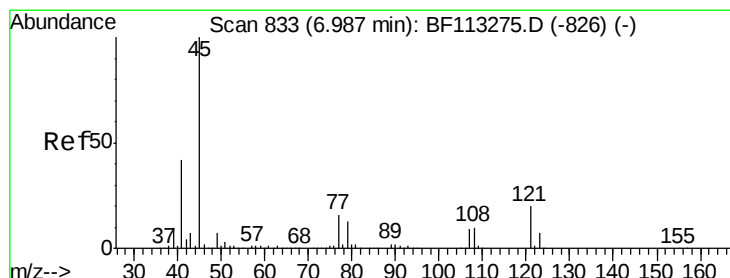
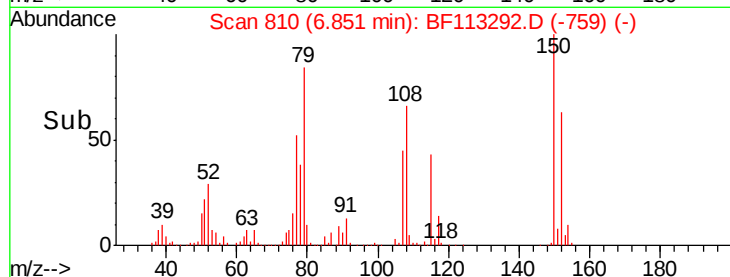
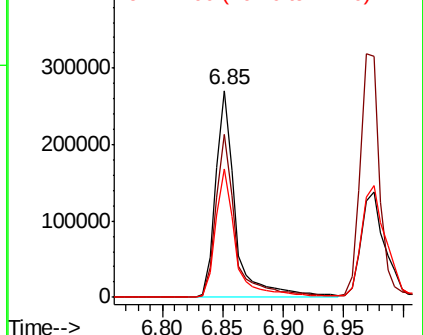
79 100

108 78.9 62.0 93.0

77 62.0 49.9 74.9



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: 41.228 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

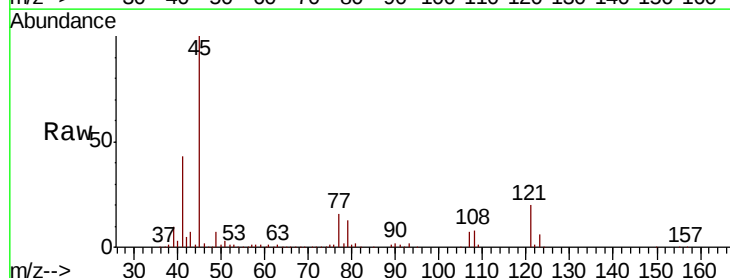
Tgt Ion: 45 Resp: 552294

Ion Ratio Lower Upper

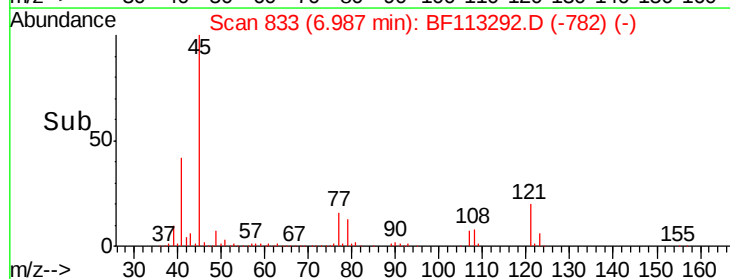
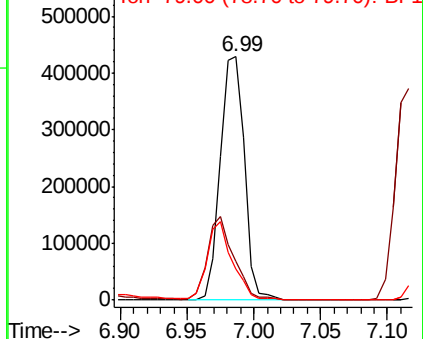
45 100

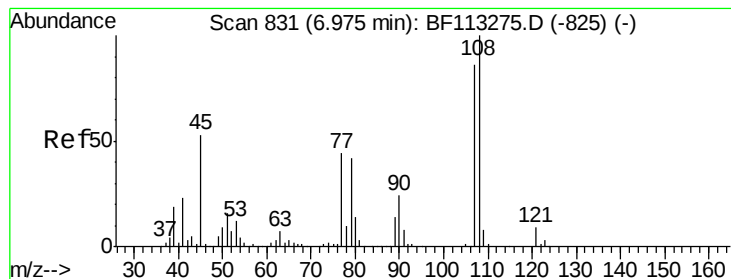
77 15.9 0.0 36.6

79 12.8 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.994 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:107 Resp: 307839

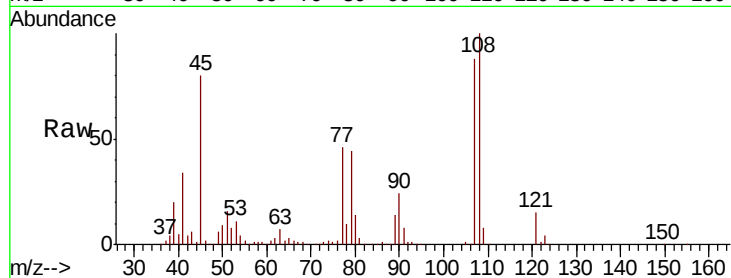
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 52.9 41.2 61.8

79 50.0 40.1 60.1

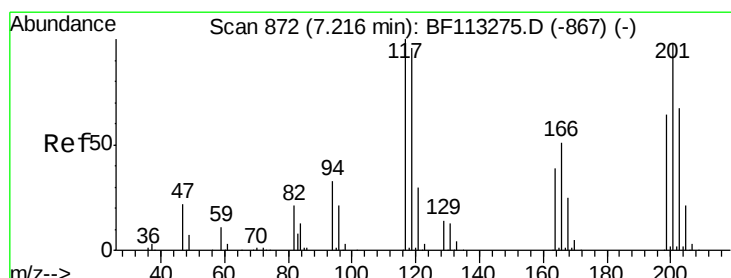
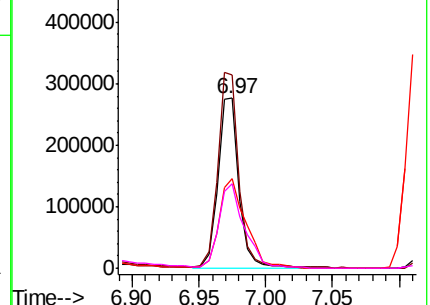
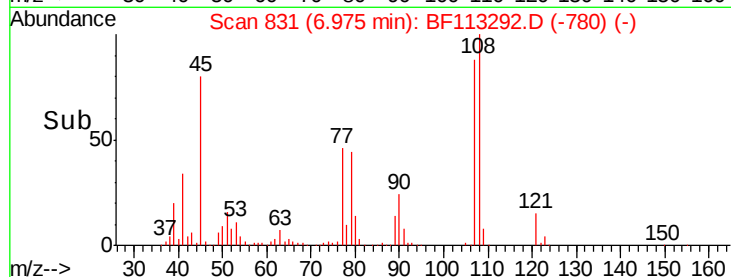


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.242 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

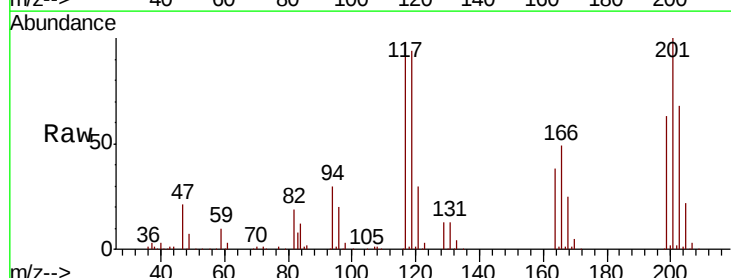
Tgt Ion:117 Resp: 137217

Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3

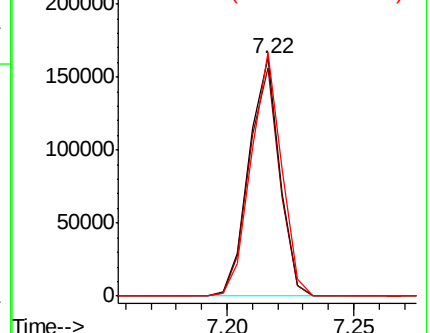
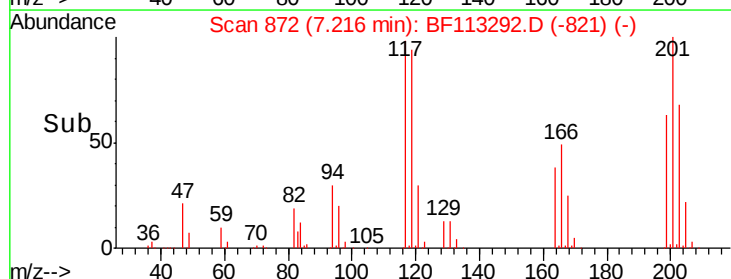
201 102.4 78.7 118.1

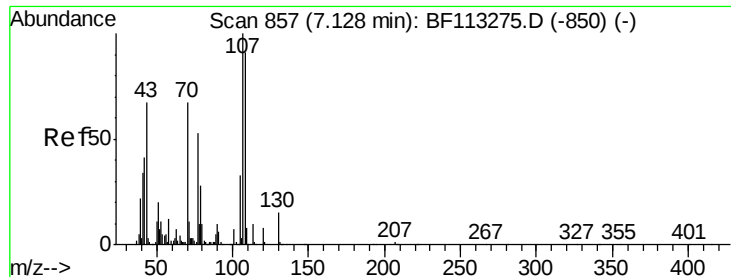


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

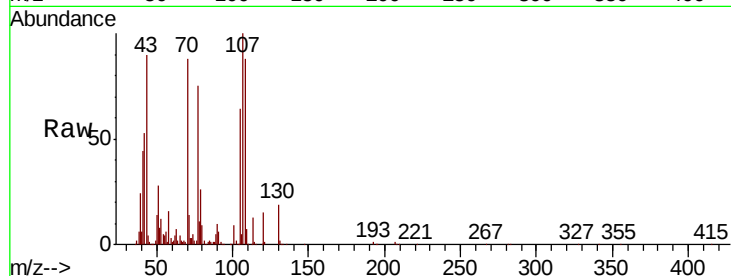




#19
n-Nitroso-di-n-propylamine
Concen: 38.745 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:	70	Resp:	247997
Ion	Ratio	Lower	Upper
70	100		
42	60.6	48.4	72.6
101	9.7	7.8	11.8
130	21.7	18.2	27.4



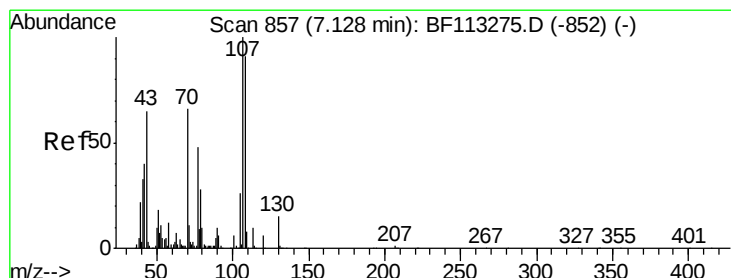
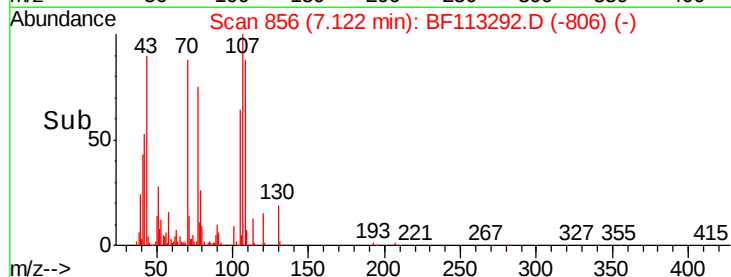
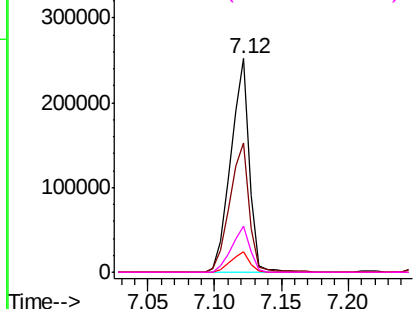
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

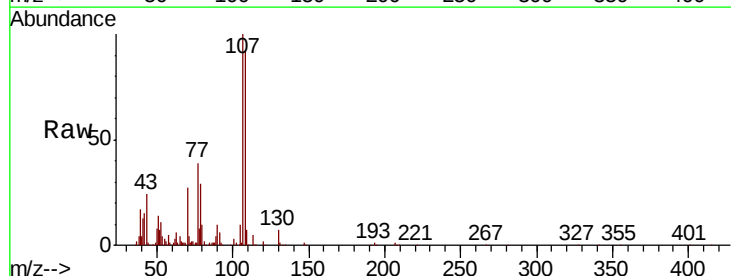
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 45.204 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:	107	Resp:	380336
Ion	Ratio	Lower	Upper
107	100		
108	92.4	71.4	111.4
77	38.7	33.5	73.5
79	28.6	8.3	48.3



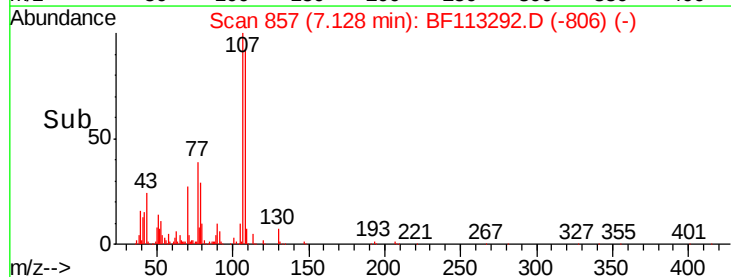
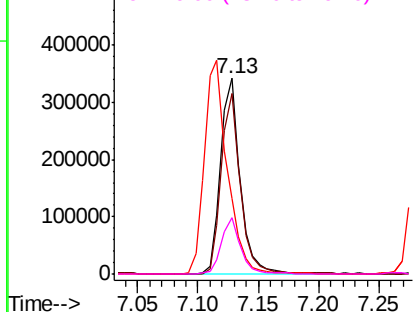
Abundance

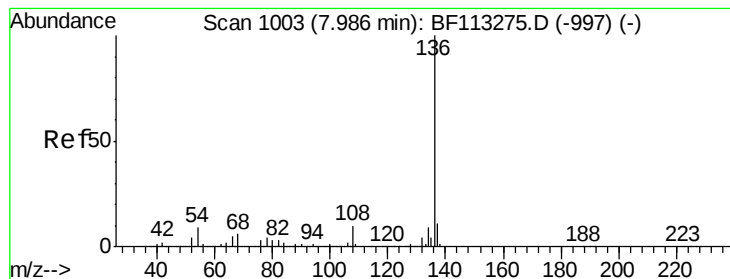
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:136 Resp: 468818

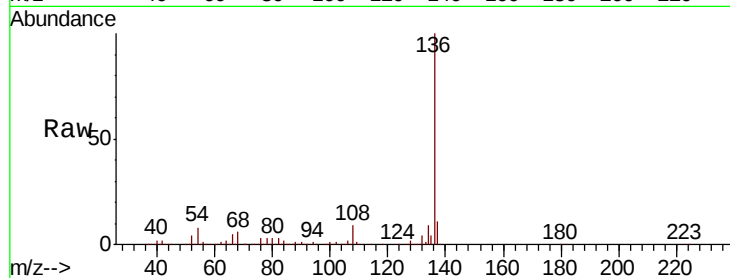
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.1 7.0 10.6

68 5.7 4.8 7.2

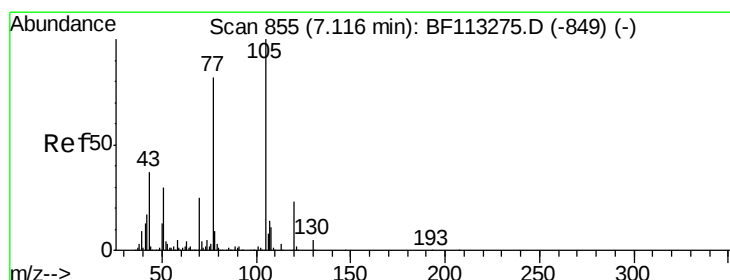
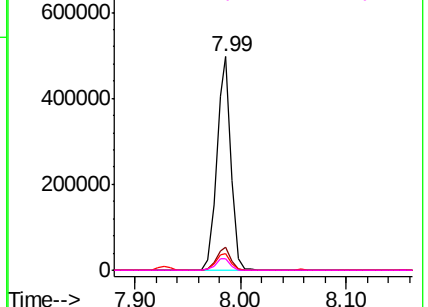
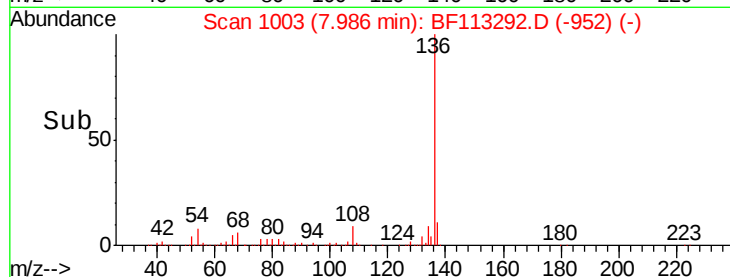


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.526 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:105 Resp: 497441

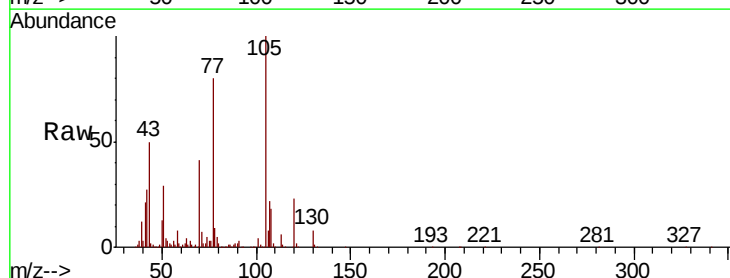
Ion Ratio Lower Upper

105 100

71 6.9 3.3 4.9#

51 29.2 24.2 36.2

120 22.7 18.1 27.1

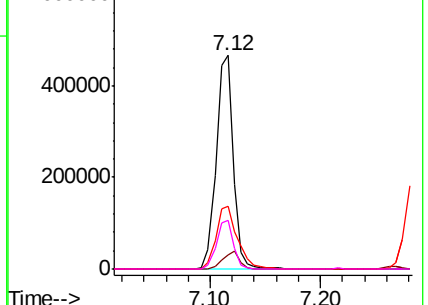
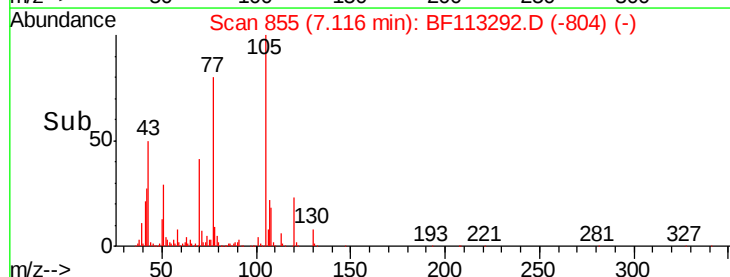


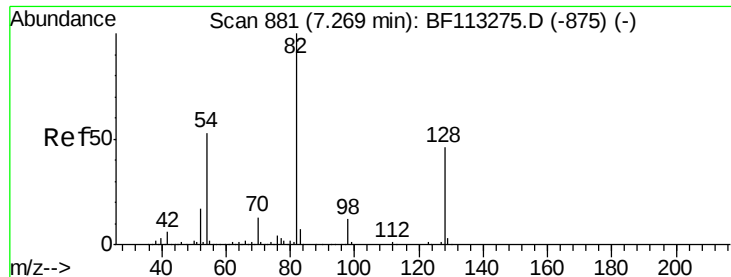
Abundance Ion 105.00 (104.70 to 105.70): E

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

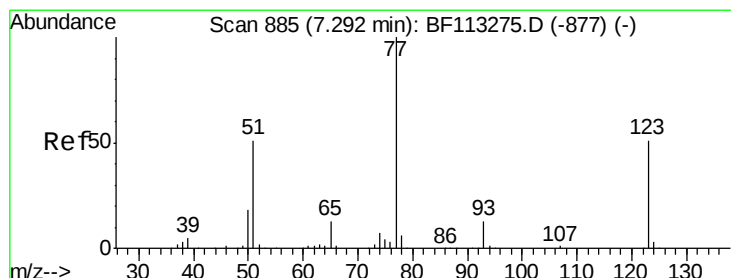
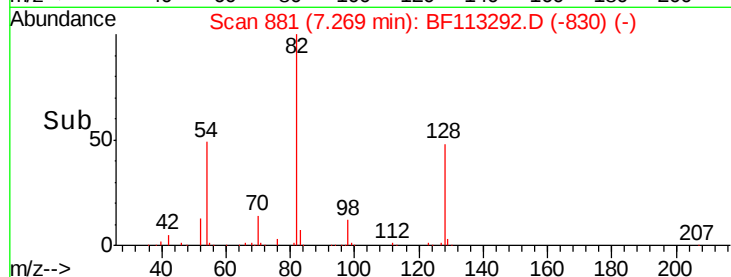
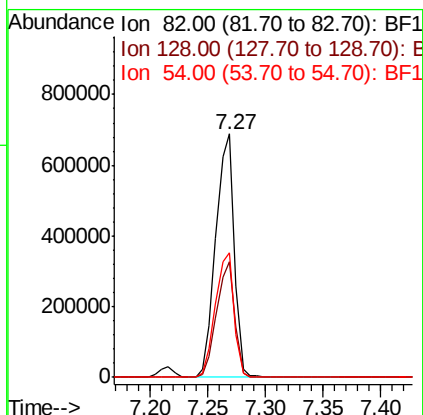
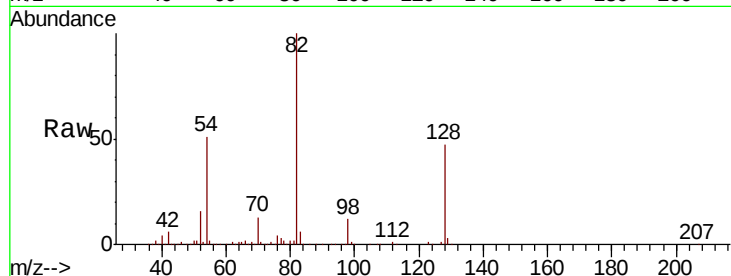




#23
 Nitrobenzene-d5
 Concen: 97.483 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

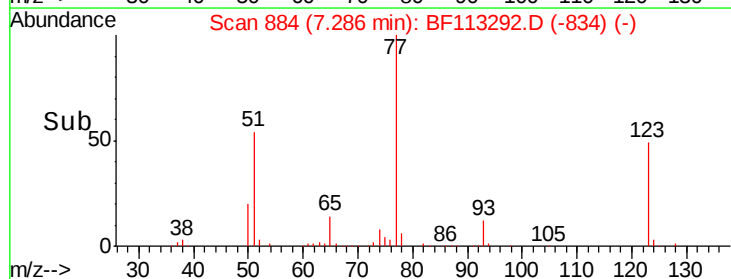
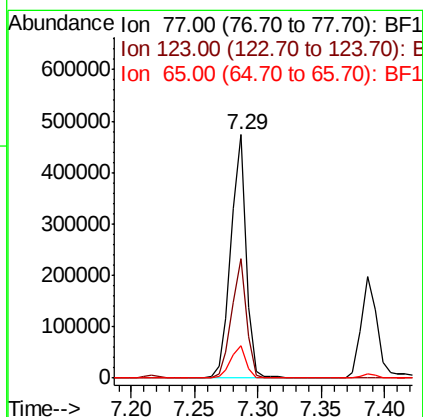
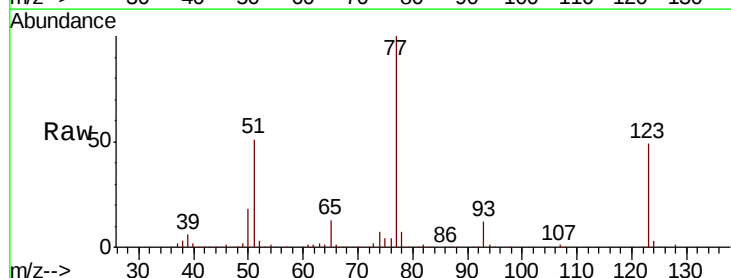
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

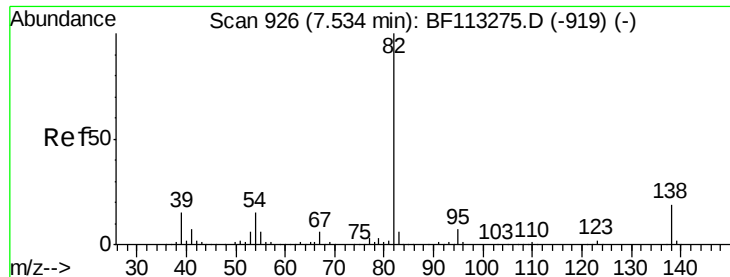
Tgt Ion: 82 Resp: 769983
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.5 54.7
 54 51.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 47.301 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion: 77 Resp: 389872
 Ion Ratio Lower Upper
 77 100
 123 49.3 40.8 61.2
 65 13.2 10.6 16.0

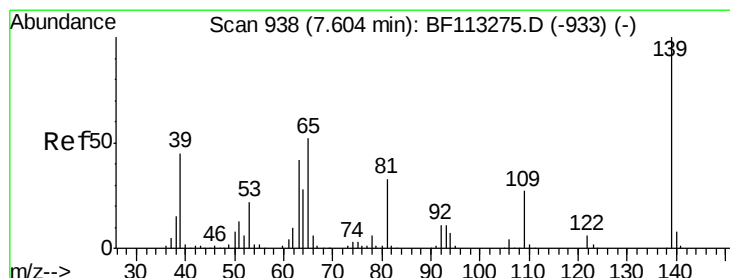
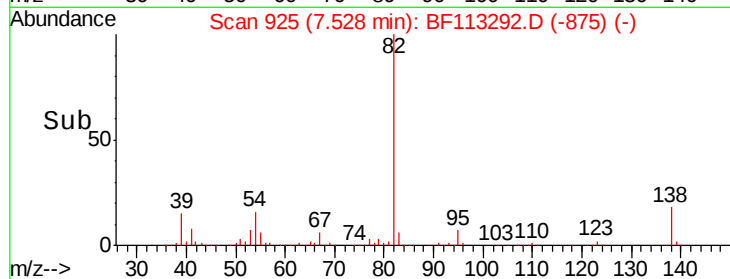
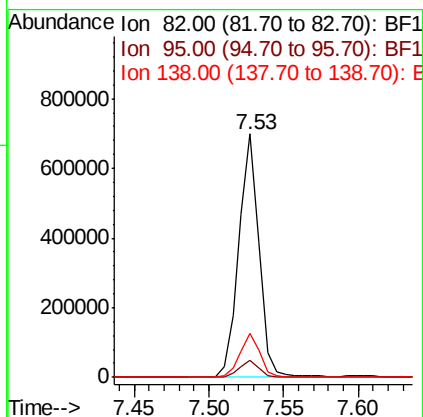
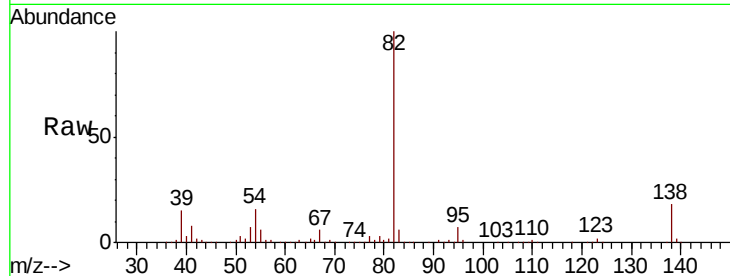




#25
Isophorone
Concen: 43.423 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

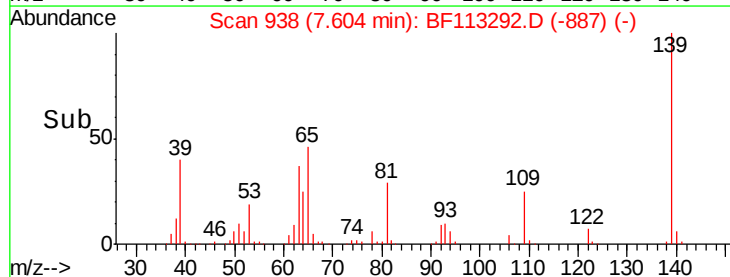
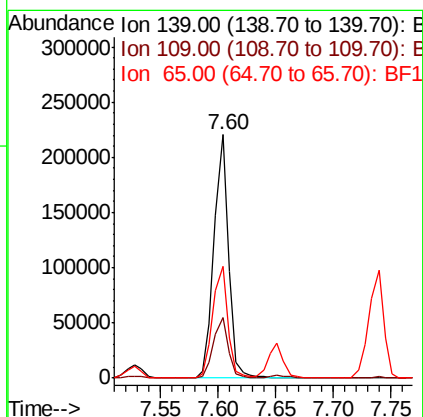
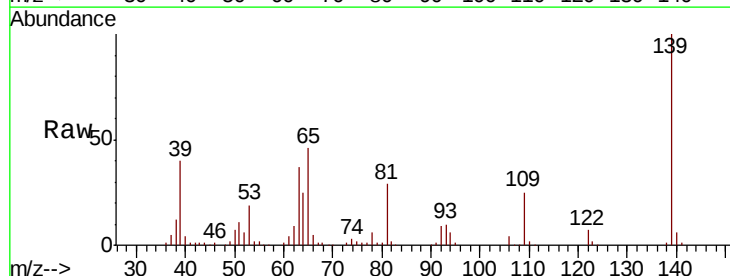
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

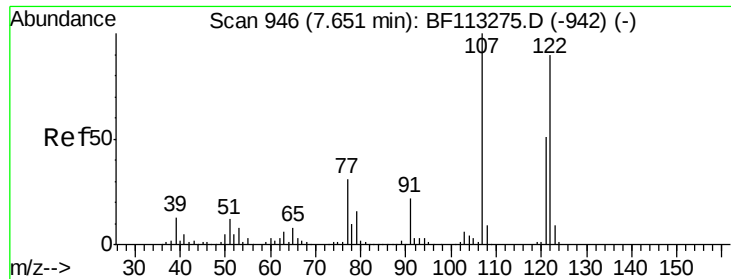
Tgt Ion: 82 Resp: 664682
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.9 15.2 22.8



#26
2-Nitrophenol
Concen: 44.600 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion: 139 Resp: 194309
Ion Ratio Lower Upper
139 100
109 24.9 21.7 32.5
65 45.8 41.6 62.4

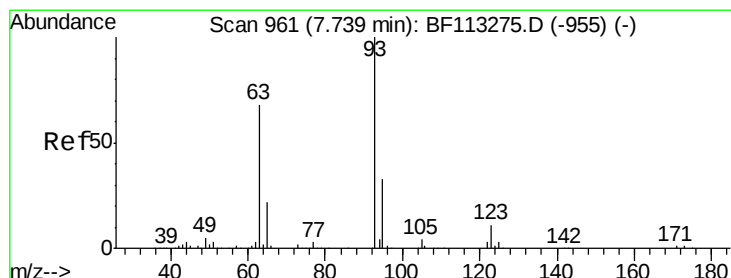
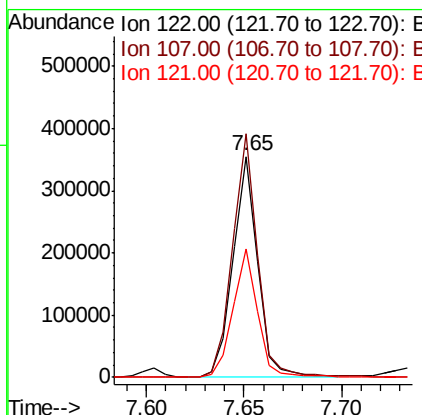
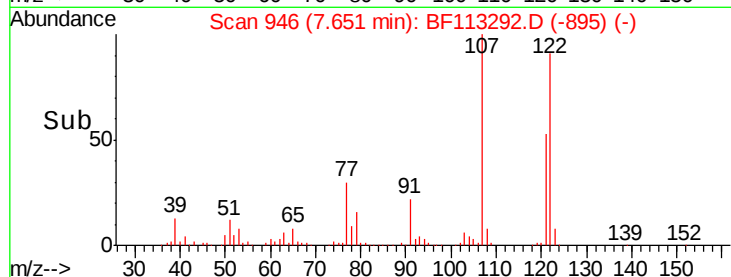
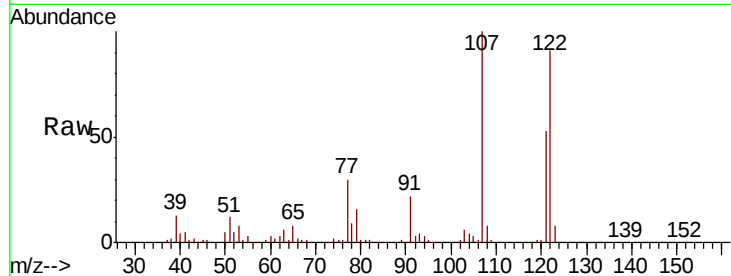




#27
 2,4-Dimethylphenol
 Concen: 50.105 ng
 RT: 7.65 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

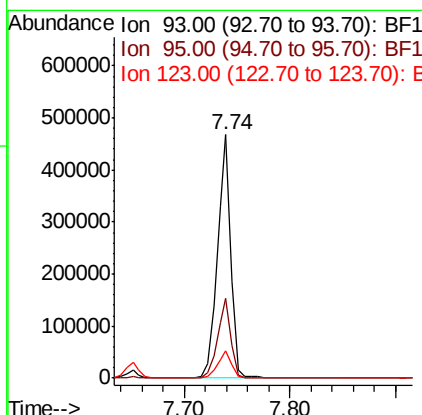
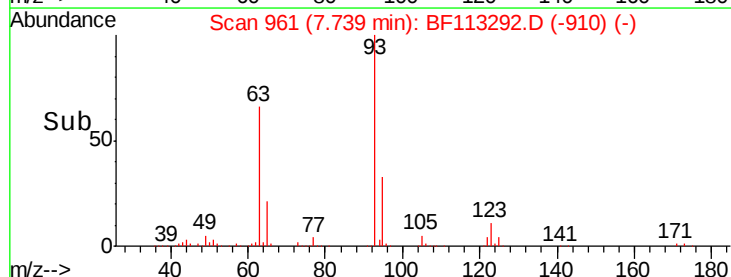
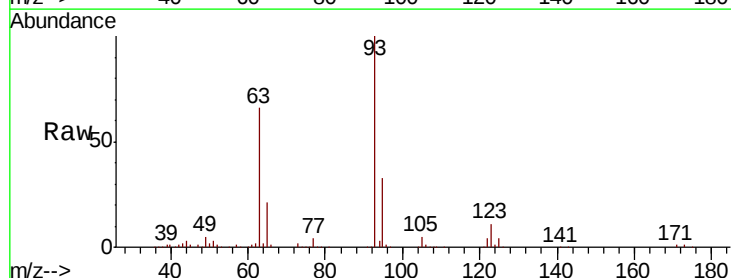
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

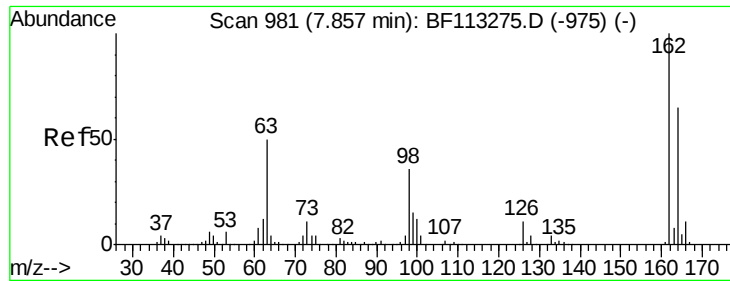
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.1	88.8	133.2
121	58.3	45.5	68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.537 ng
 RT: 7.74 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.2	9.1	13.7

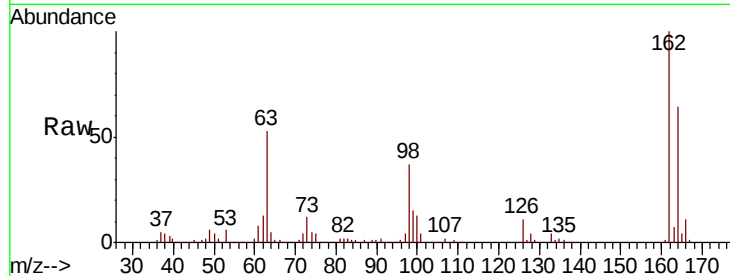




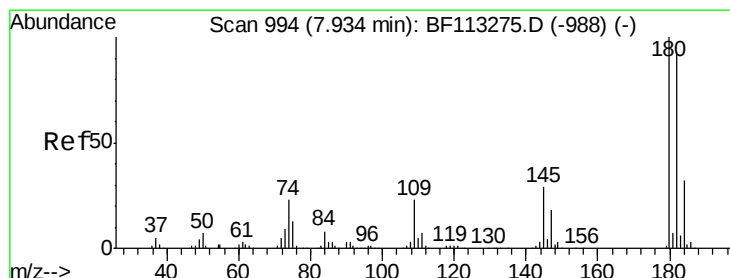
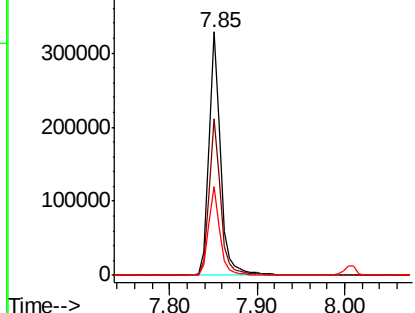
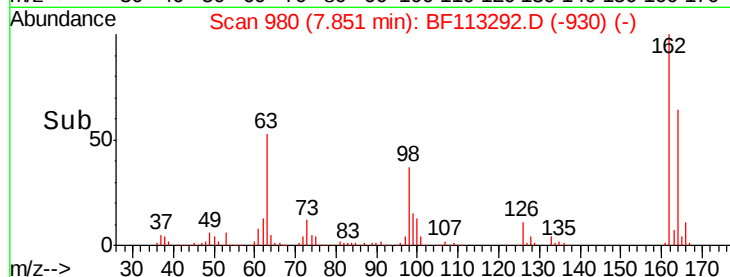
#29
2,4-Dichlorophenol
Concen: 45.168 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	36.7	15.6	55.6

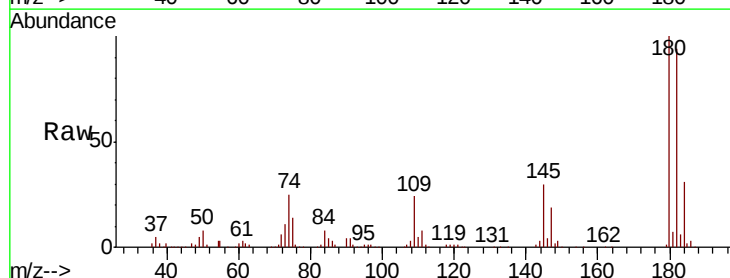


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

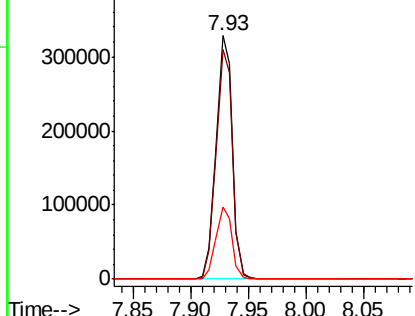
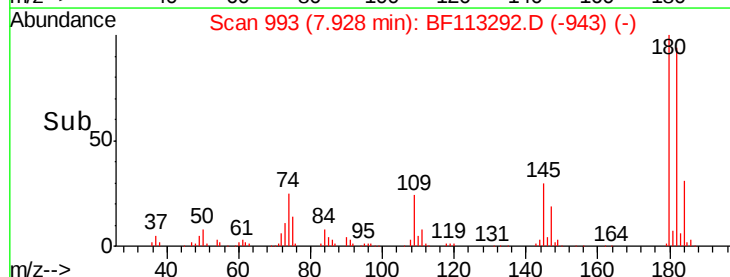


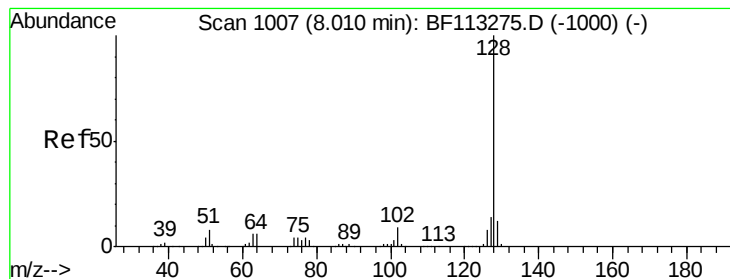
#30
1,2,4-Trichlorobenzene
Concen: 43.828 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.6	111.8
145	29.7	23.4	35.0



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: 44.489 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

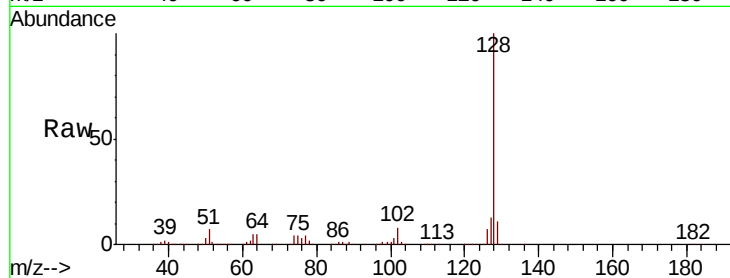
Tgt Ion:128 Resp: 1019235

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

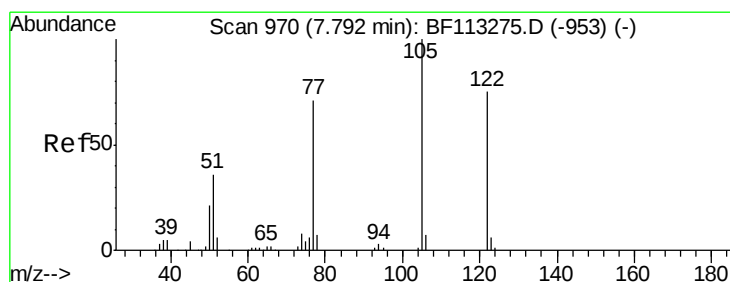
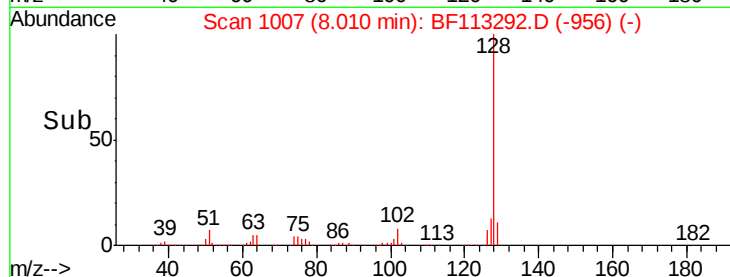
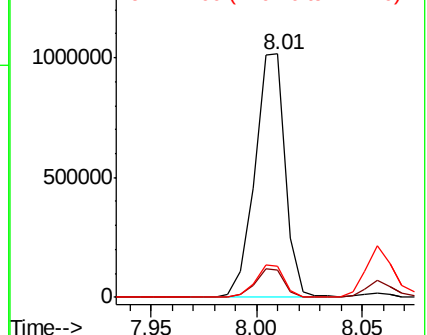
127 12.9 10.9 16.3



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: 6.728 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.05 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

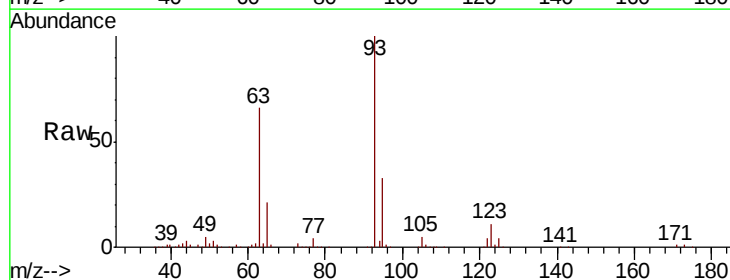
Tgt Ion:122 Resp: 33942

Ion Ratio Lower Upper

122 100

105 124.4 100.4 140.4

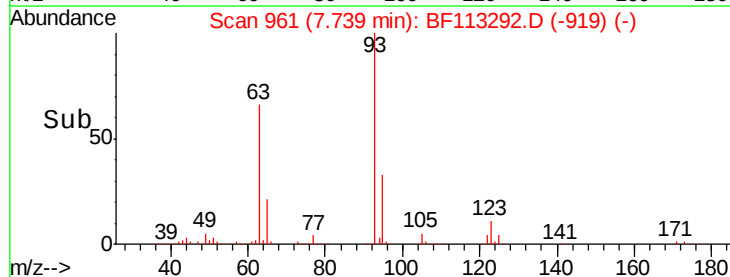
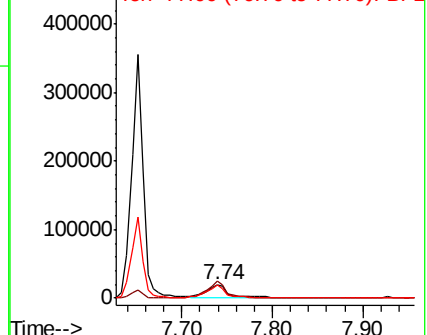
77 99.3 69.0 109.0

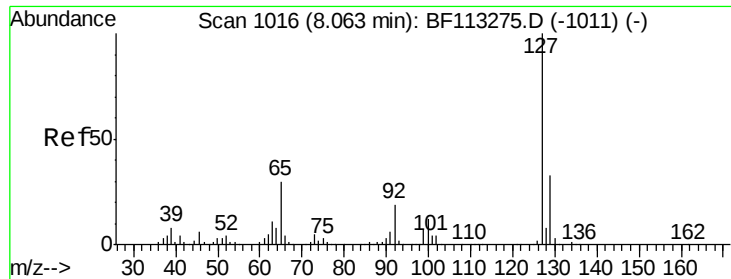


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

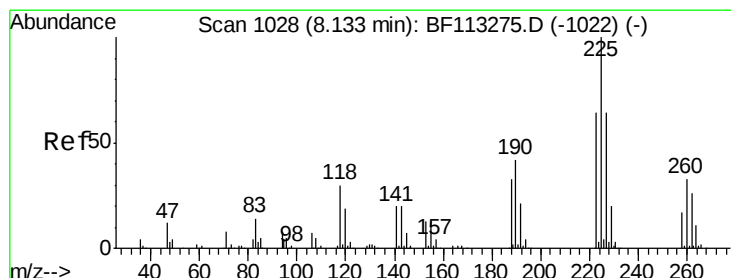
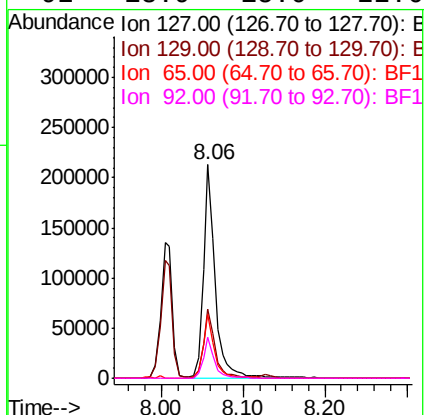
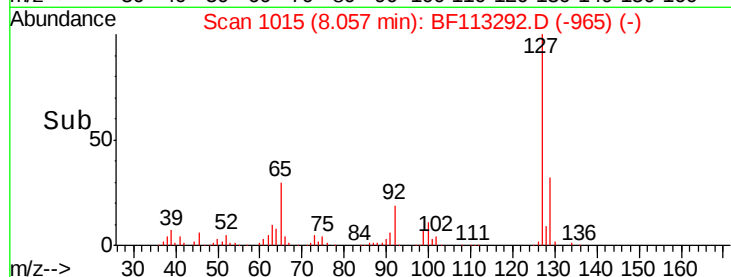
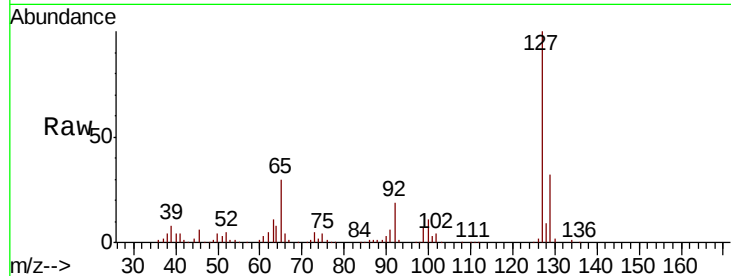




#33
4-Chloroaniline
Concen: 24.037 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

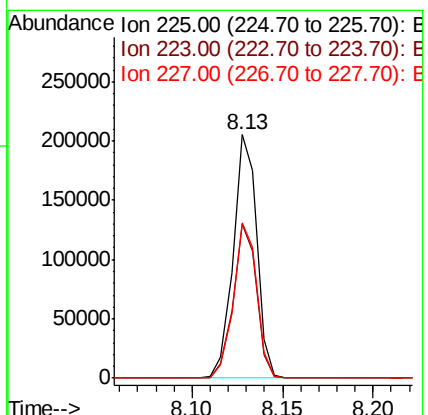
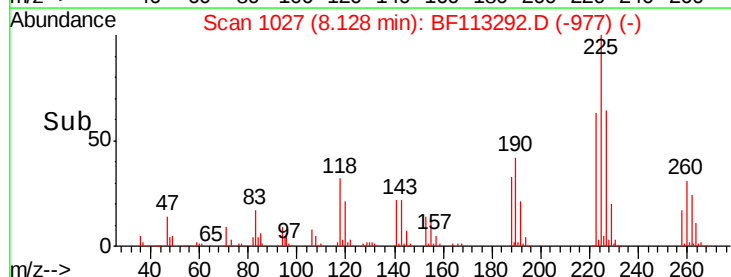
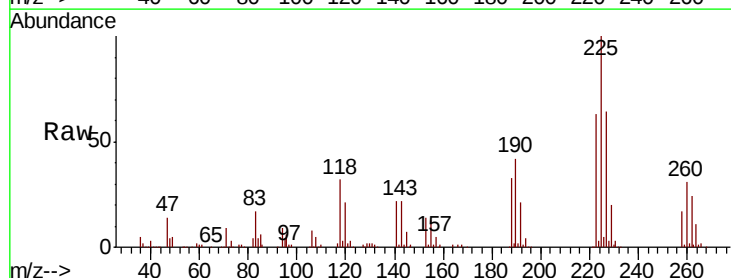
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

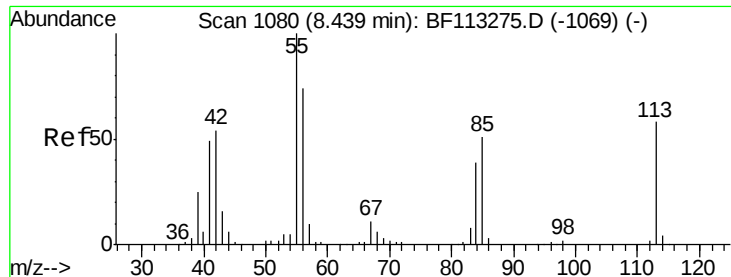
Tgt Ion:	127	Resp:	214737
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	30.2	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.701 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:	225	Resp:	185962
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	63.8	51.1	76.7

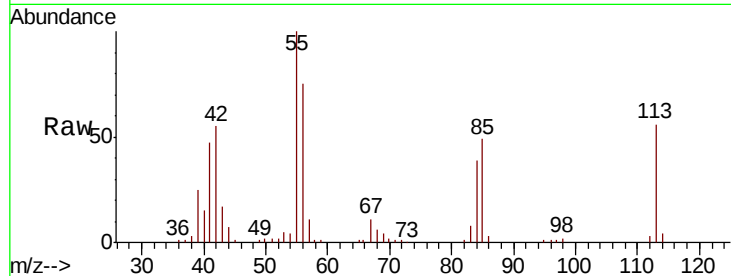




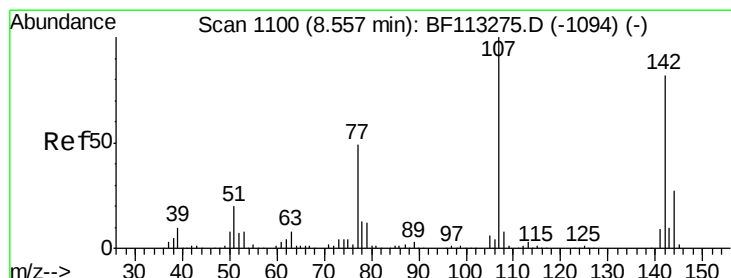
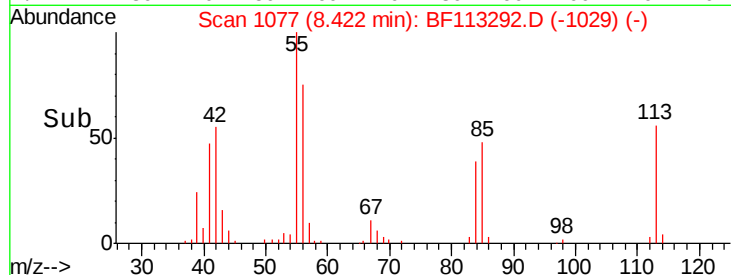
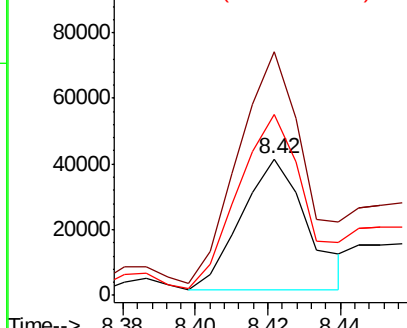
#35
 Caprolactam
 Concen: 23.363 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:113 Resp: 50923
 Ion Ratio Lower Upper
 113 100
 55 178.8 152.7 192.7
 56 133.3 108.3 148.3

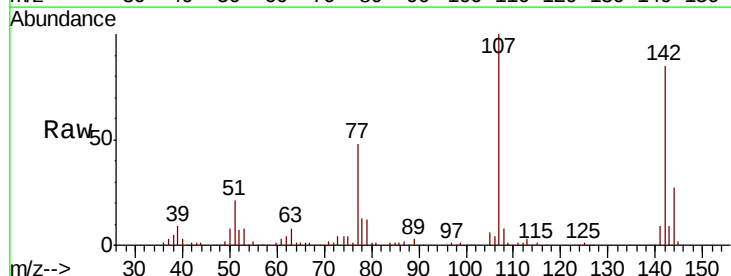


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

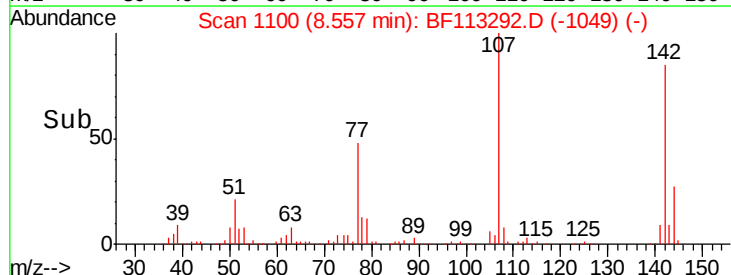
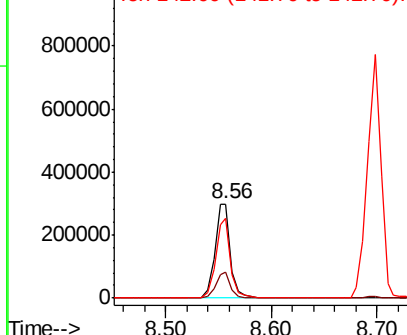


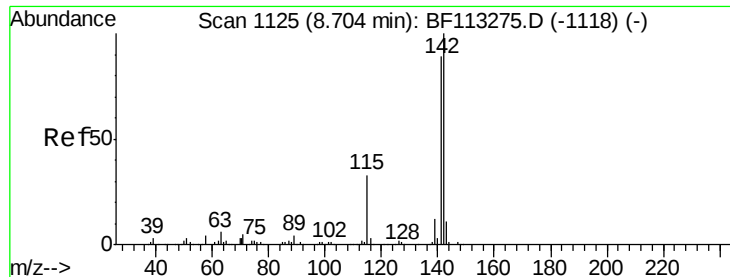
#36
 4-Chloro-3-methylphenol
 Concen: 45.347 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:107 Resp: 309763
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.4 32.0
 142 85.1 65.6 98.4



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

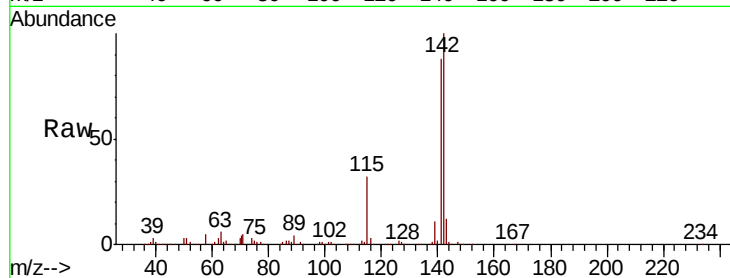




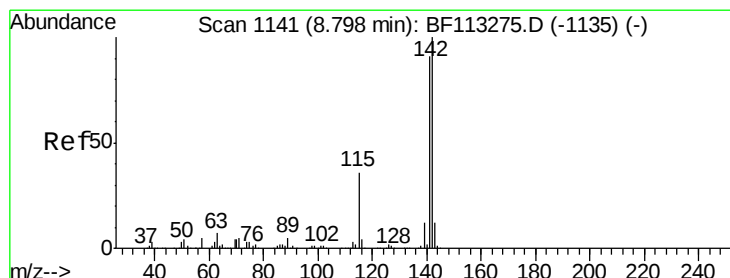
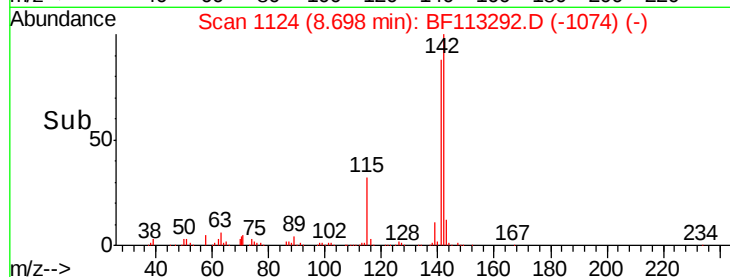
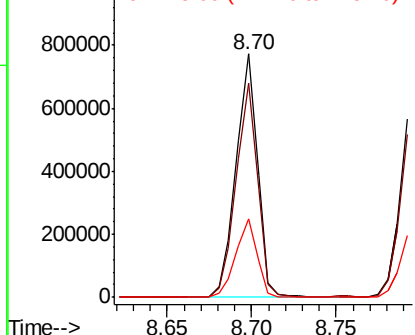
#37
2-Methylnaphthalene
Concen: 47.974 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:142 Resp: 685794
Ion Ratio Lower Upper
142 100
141 87.9 71.0 106.6
115 32.2 26.6 39.8

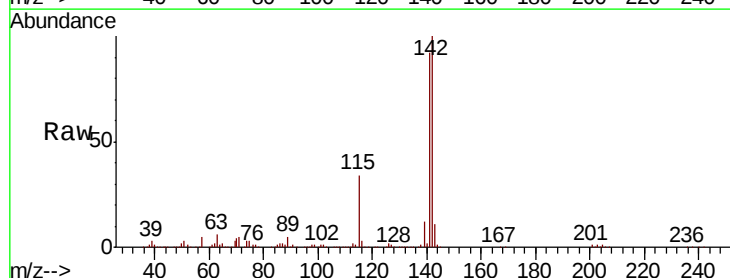


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

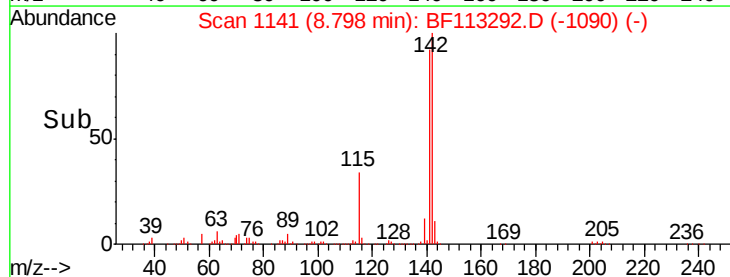
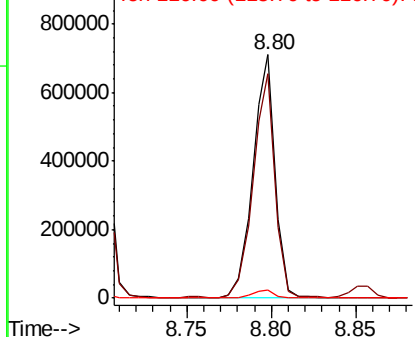


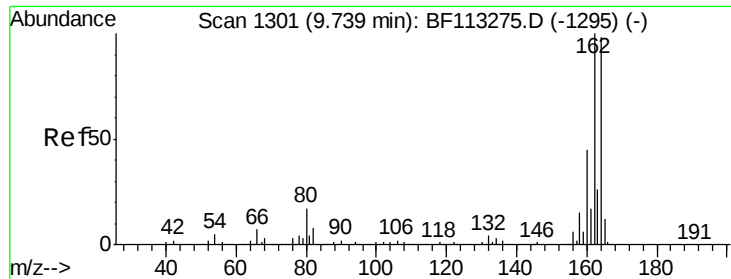
#38
1-Methylnaphthalene
Concen: 46.938 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:142 Resp: 645390
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8
116 3.4 3.0 4.4



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

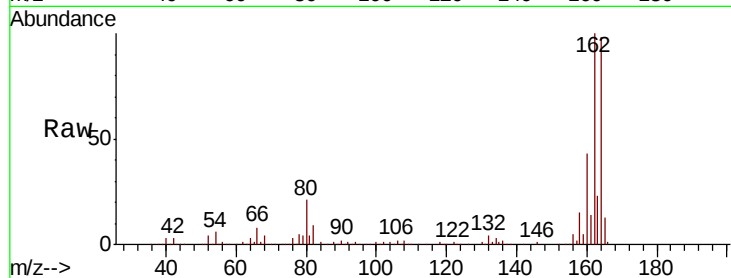




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.8	122.6
160	44.3	36.4	54.6

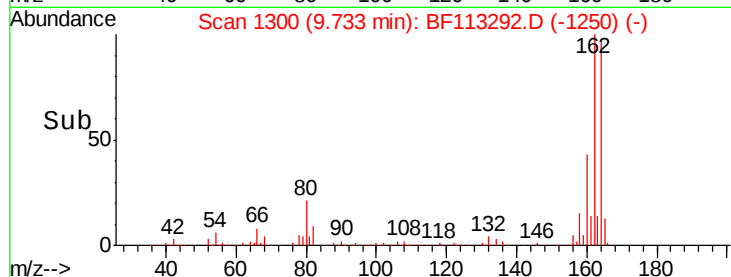
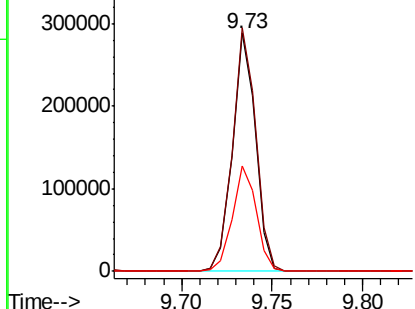


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.473 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.6
179	20.5	16.8	25.2
108	18.5	13.8	20.6

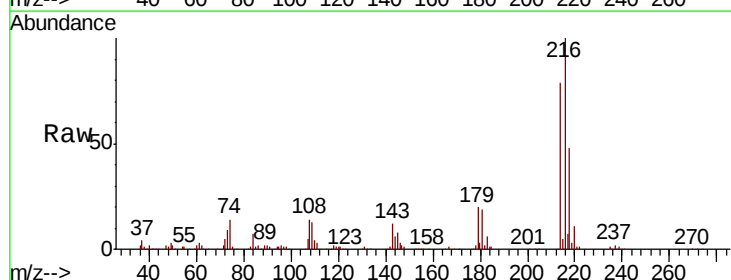
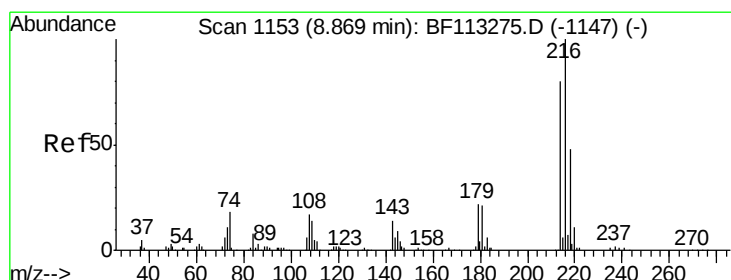
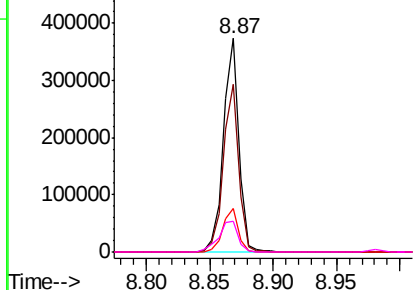
Abundance

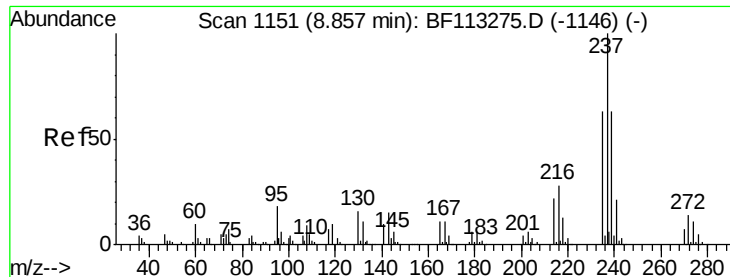
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.990 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

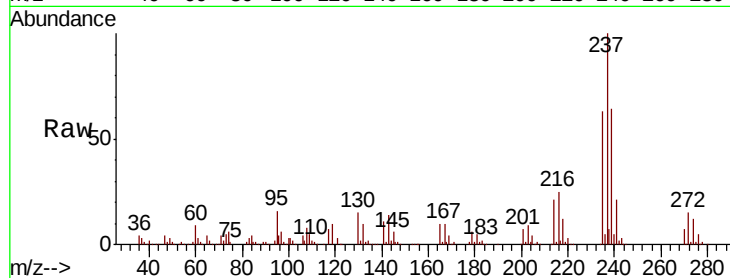
Tgt Ion: 237 Resp: 292507

Ion Ratio Lower Upper

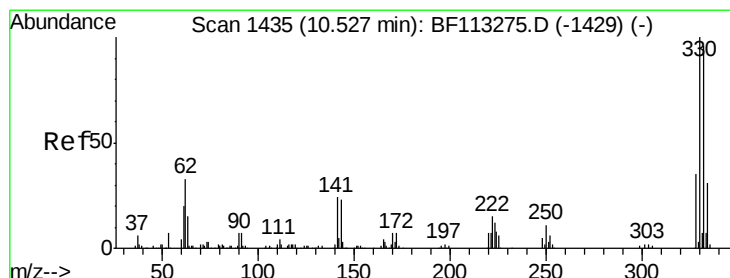
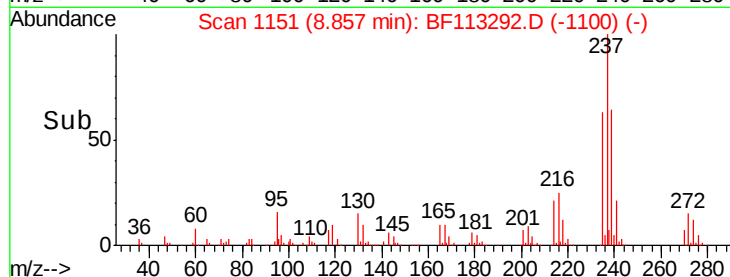
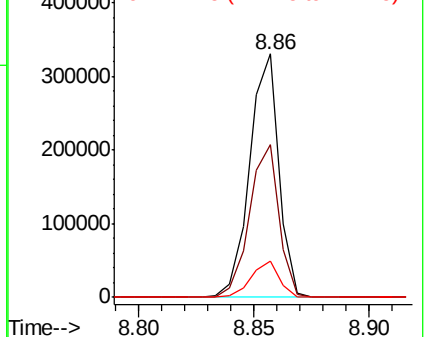
237 100

235 62.9 43.4 83.4

272 14.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 126.760 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

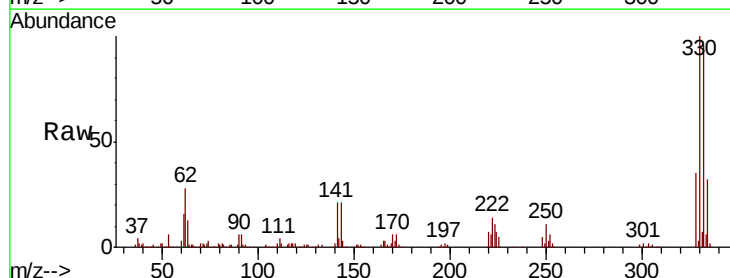
Tgt Ion: 330 Resp: 401338

Ion Ratio Lower Upper

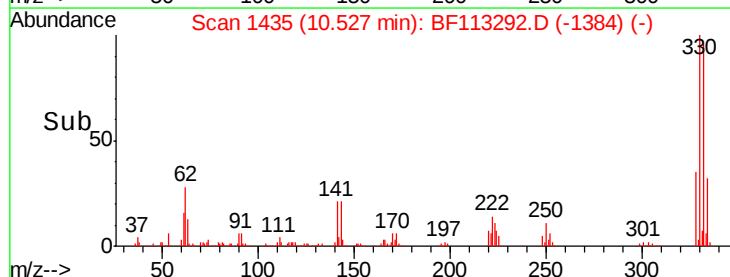
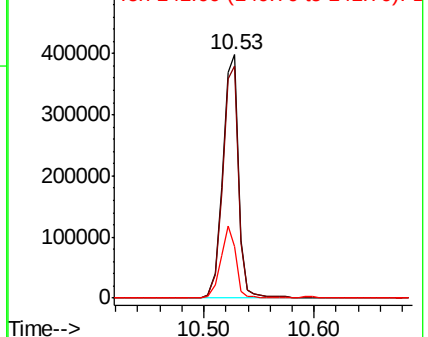
330 100

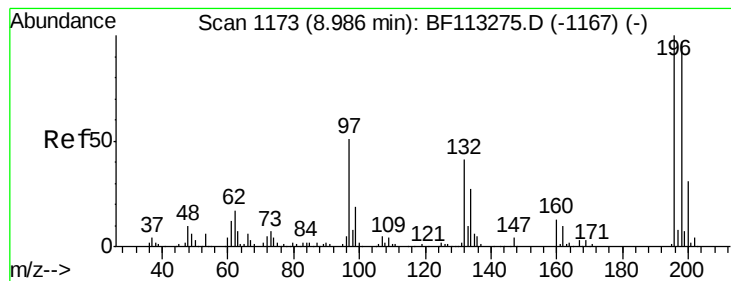
332 96.5 77.8 116.6

141 27.9 22.7 34.1



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

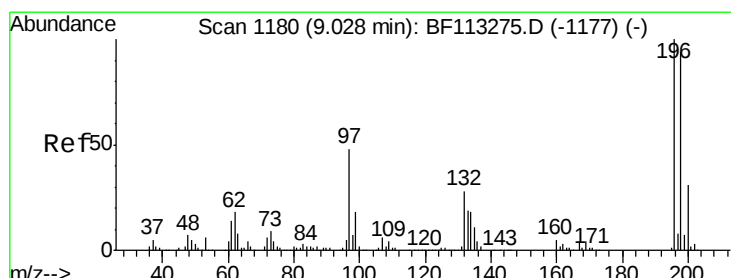
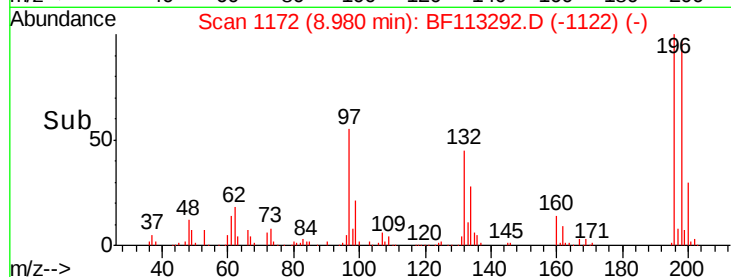
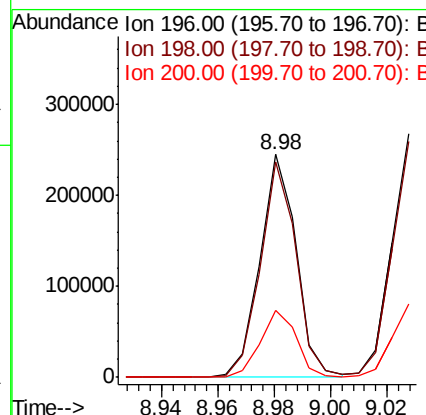
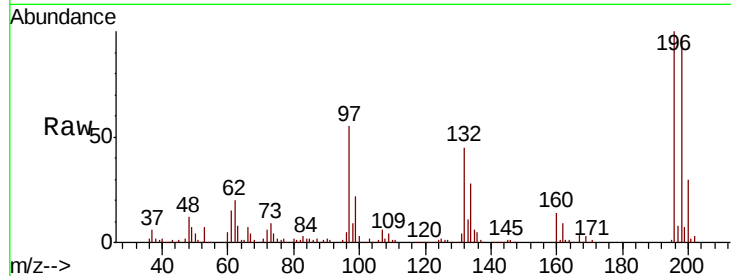




#43
 2,4,6-Trichlorophenol
 Concen: 40.761 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

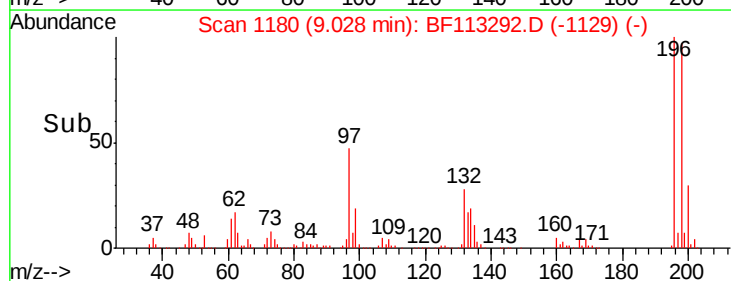
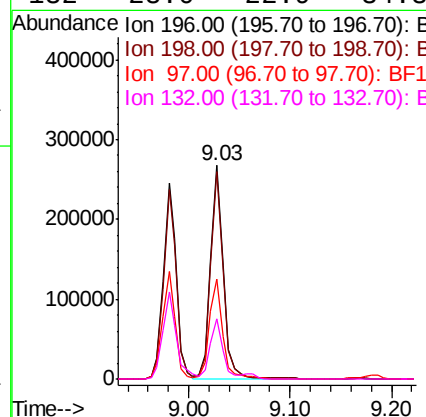
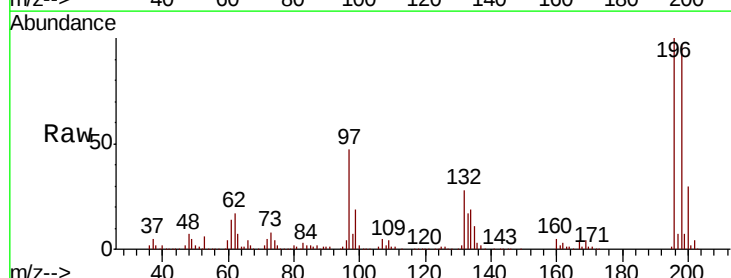
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

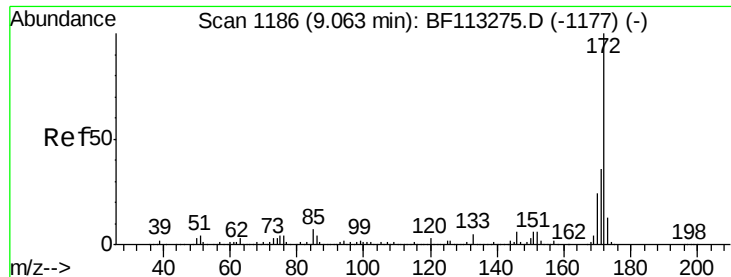
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.7	116.5
200	30.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.584 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	75.4	113.2
97	46.8	38.6	58.0
132	28.0	22.9	34.3

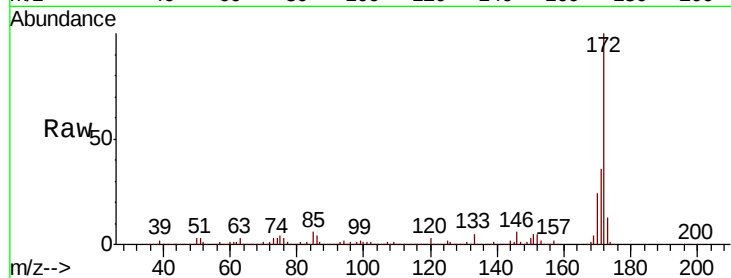




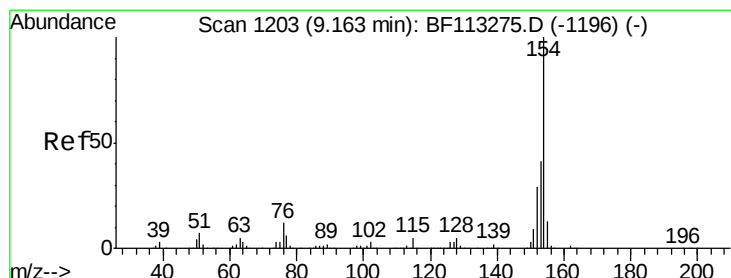
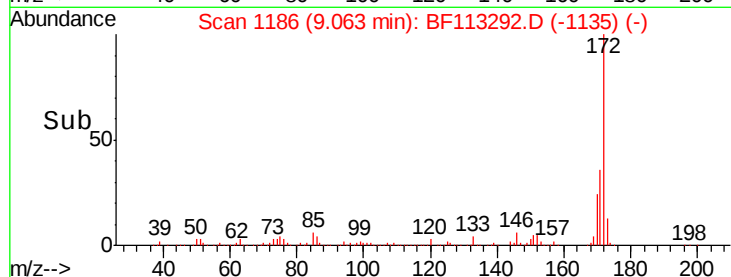
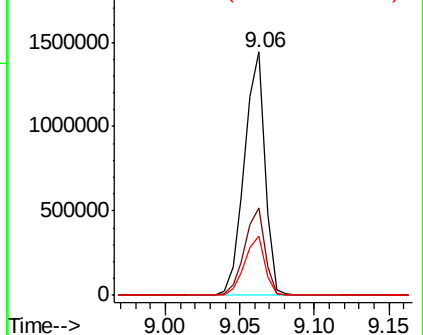
#45
2-Fluorobiphenyl
Concen: 84.212 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:172 Resp: 1379843
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.2 19.5 29.3

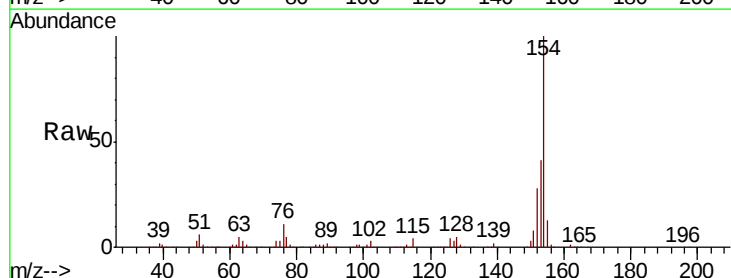


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

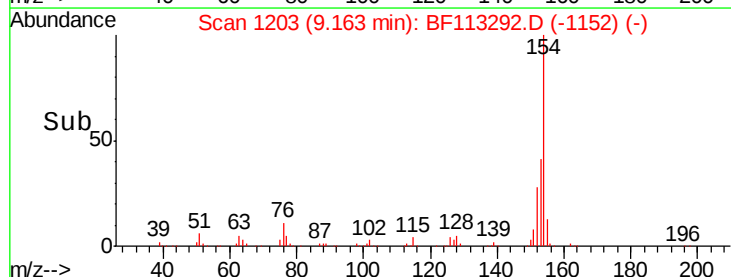
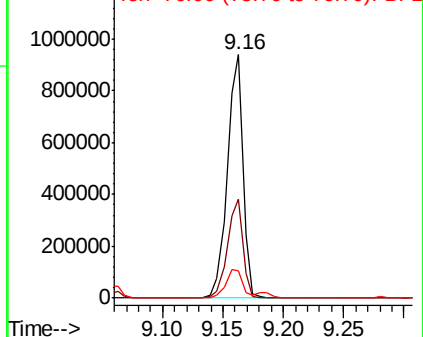


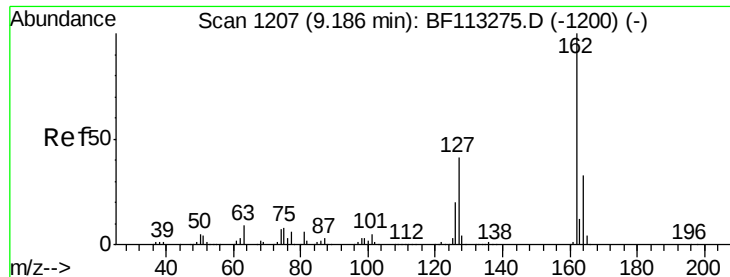
#46
1,1'-Biphenyl
Concen: 39.368 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:154 Resp: 842780
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 11.1 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 39.430 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

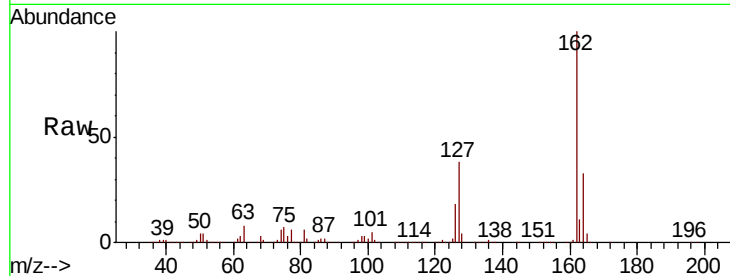
Tgt Ion: 162 Resp: 649923

Ion Ratio Lower Upper

162 100

127 38.5 32.6 49.0

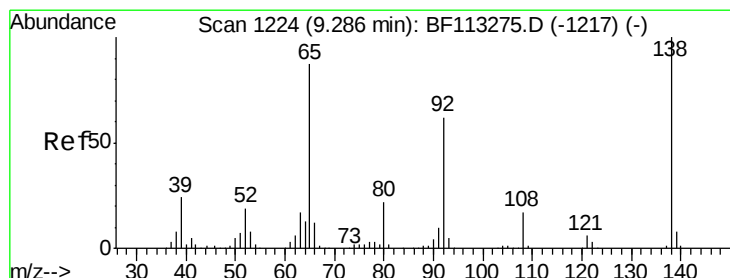
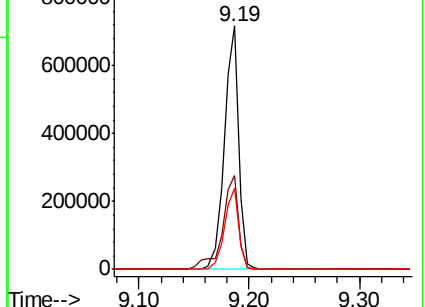
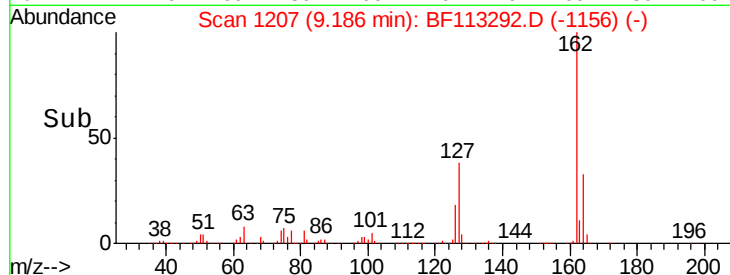
164 33.2 26.6 39.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.148 ng

RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

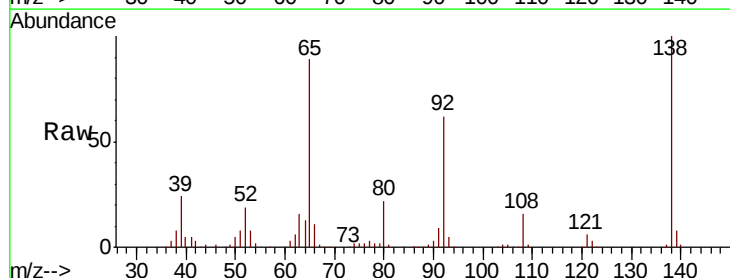
Tgt Ion: 65 Resp: 212841

Ion Ratio Lower Upper

65 100

92 69.4 56.8 85.2

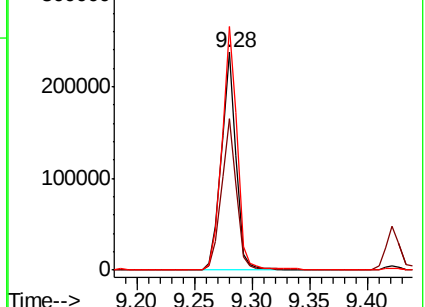
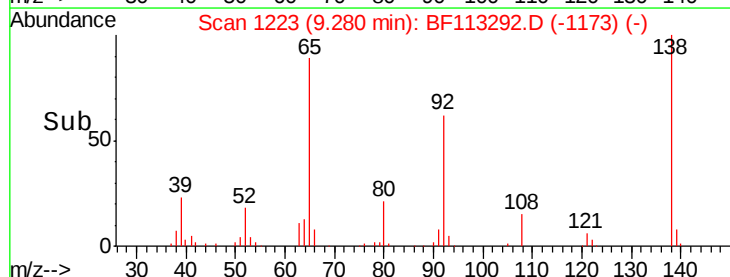
138 111.7 92.3 138.5

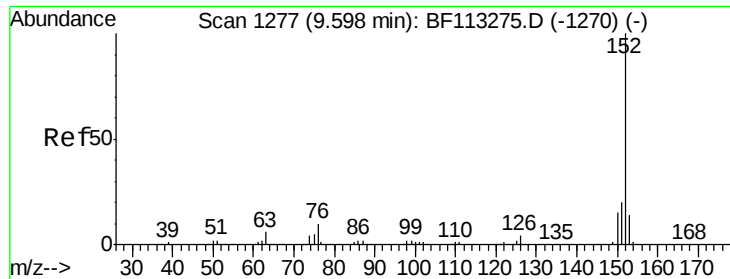


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.838 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

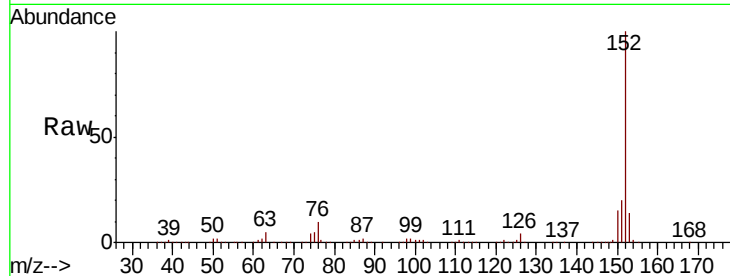
Tgt Ion:152 Resp: 1141681

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

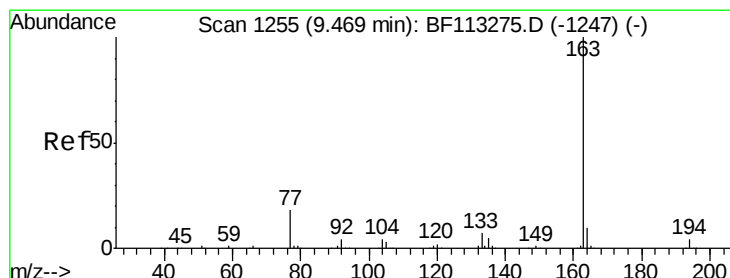
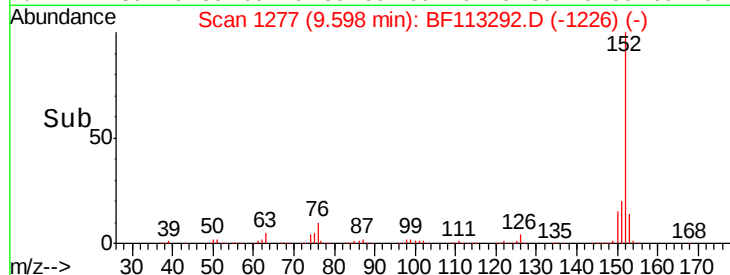
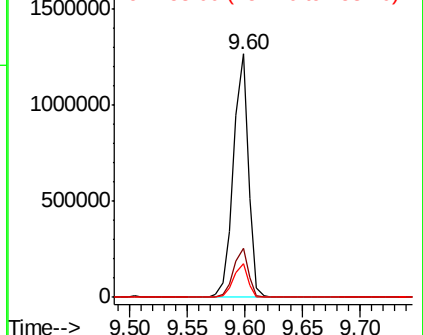
153 13.6 11.0 16.6



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: 45.899 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

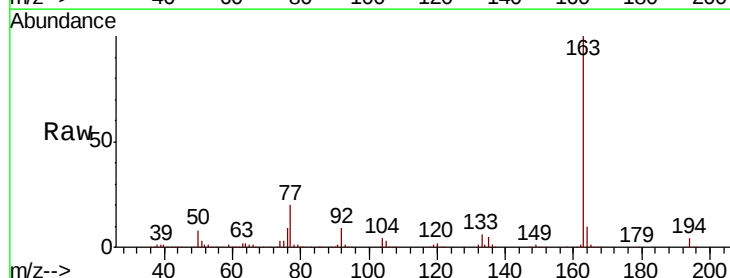
Tgt Ion:163 Resp: 871873

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

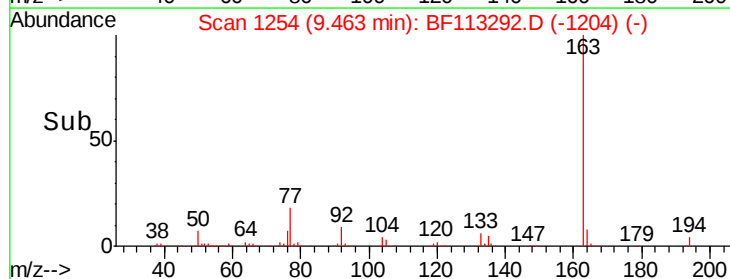
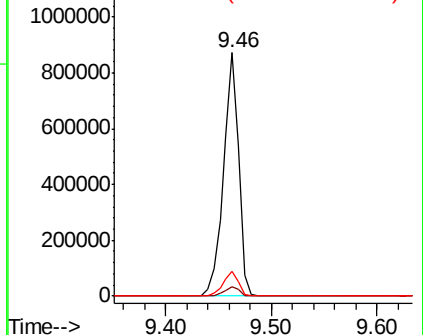
164 10.3 8.1 12.1

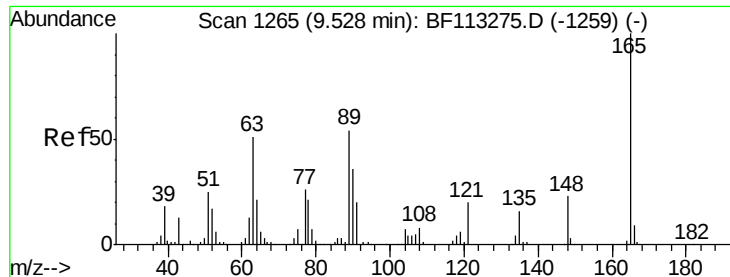


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.394 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

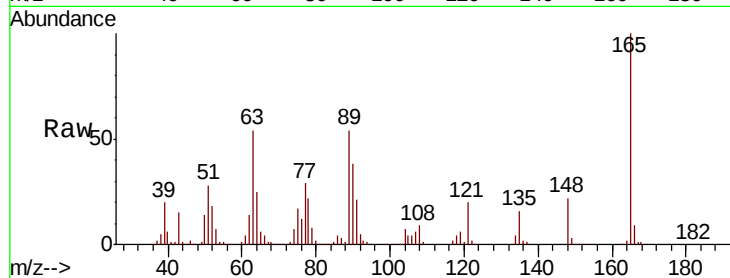
Tgt Ion:165 Resp: 181672

Ion Ratio Lower Upper

165 100

63 54.4 43.4 65.0

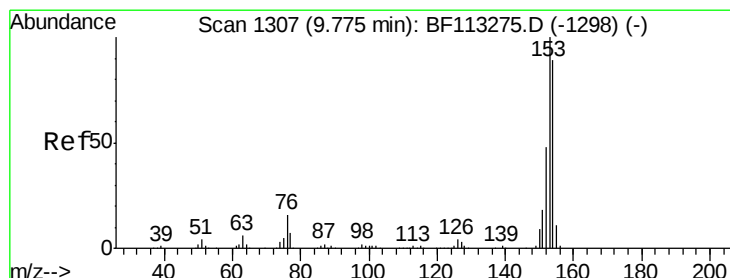
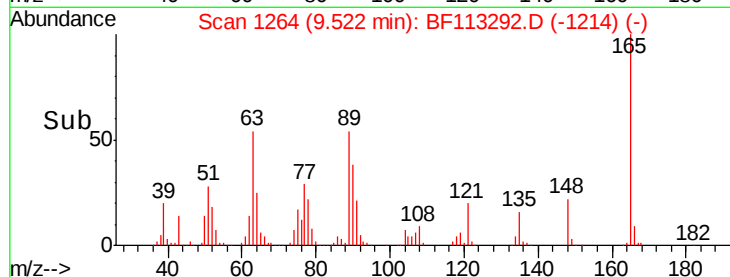
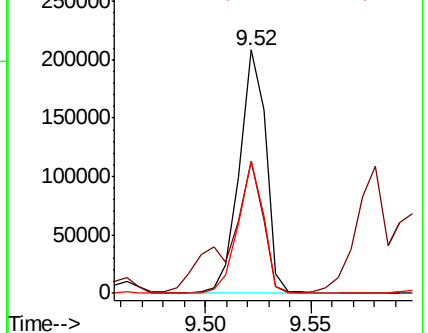
89 54.2 43.1 64.7



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: 42.723 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

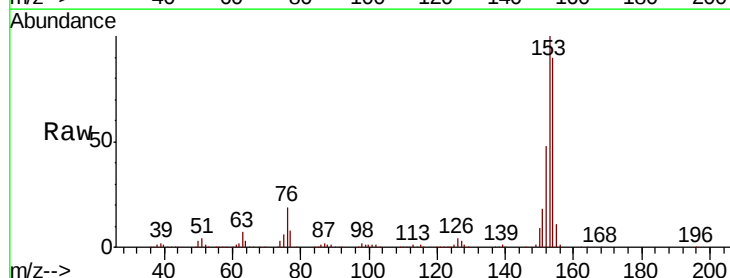
Tgt Ion:154 Resp: 641224

Ion Ratio Lower Upper

154 100

153 111.4 89.5 134.3

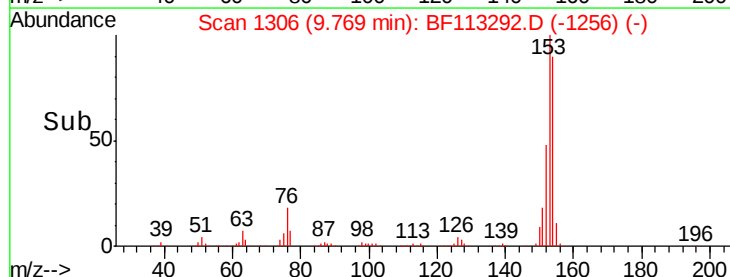
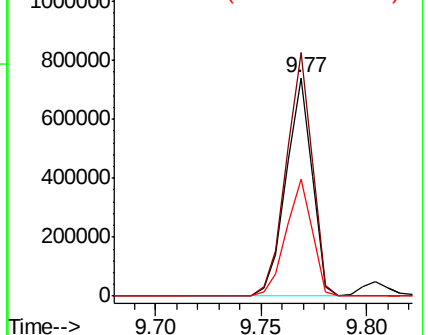
152 53.6 43.3 64.9

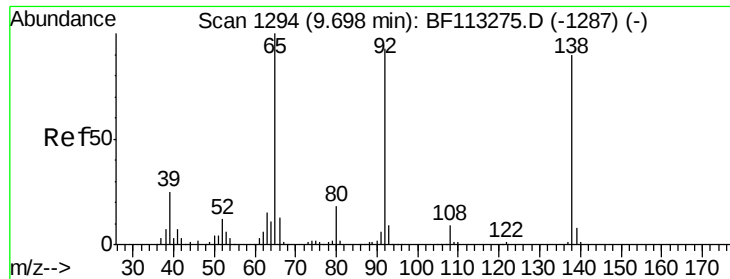


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

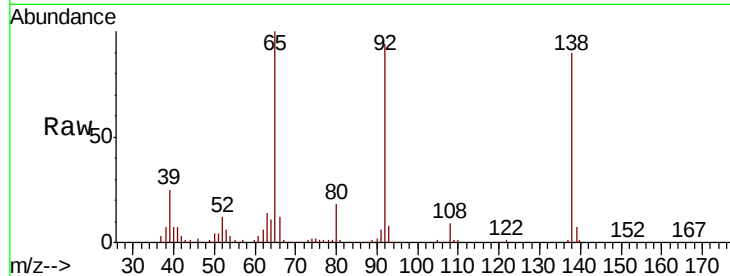




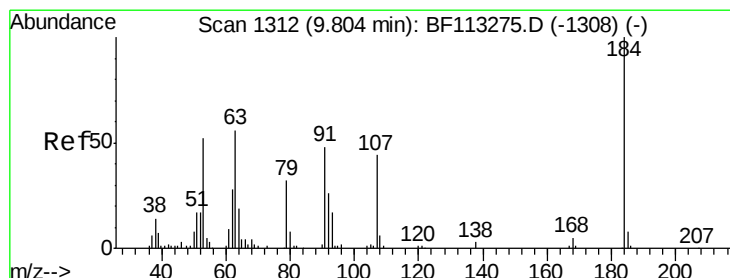
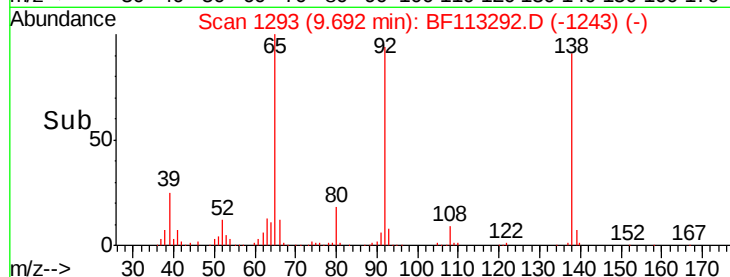
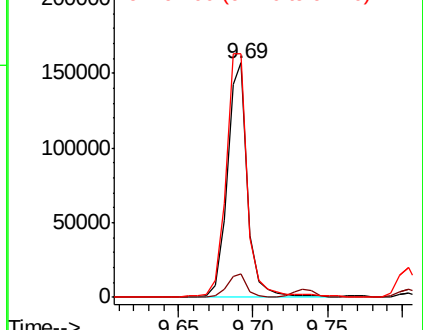
#53
3-Nitroaniline
Concen: 31.231 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:138 Resp: 150928
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 103.9 82.6 124.0

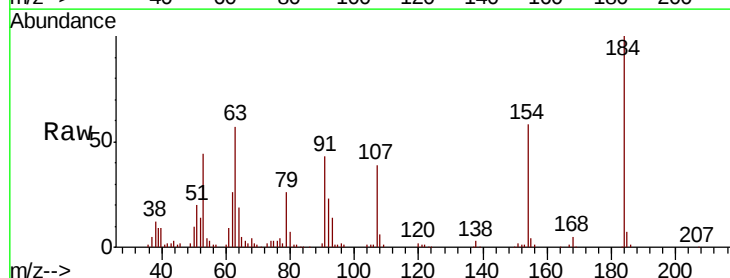


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

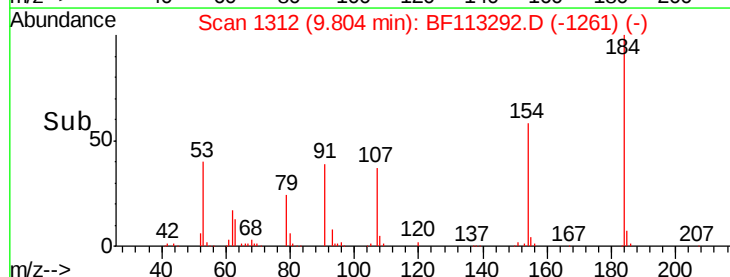
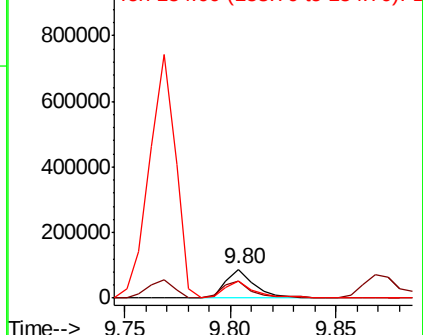


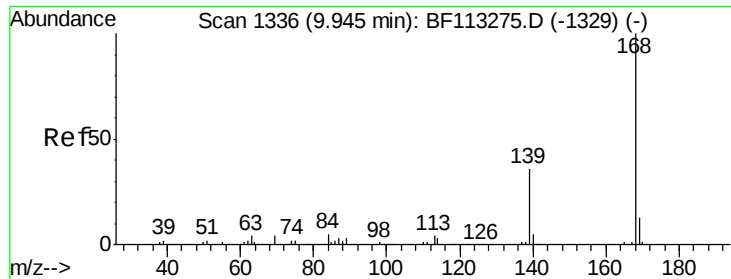
#54
2,4-Dinitrophenol
Concen: 39.878 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:184 Resp: 84994
Ion Ratio Lower Upper
184 100
63 57.3 54.3 81.5
154 57.9 48.4 72.6



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

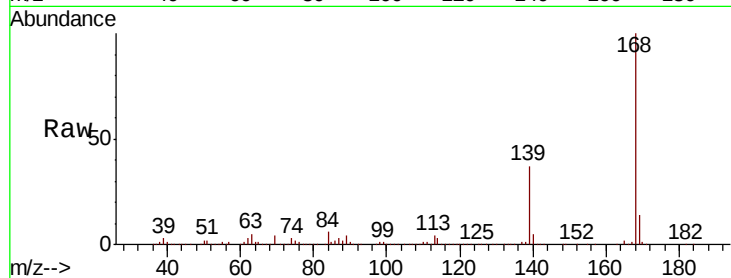




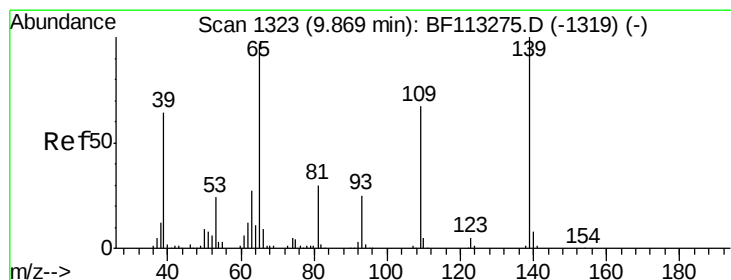
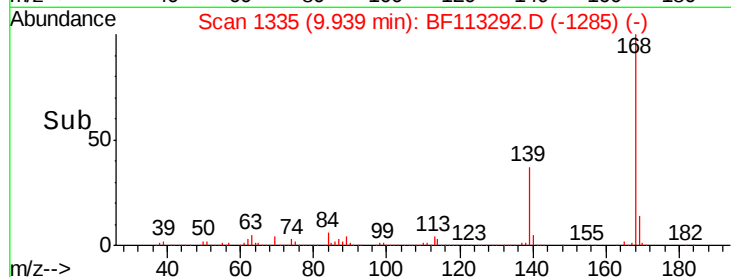
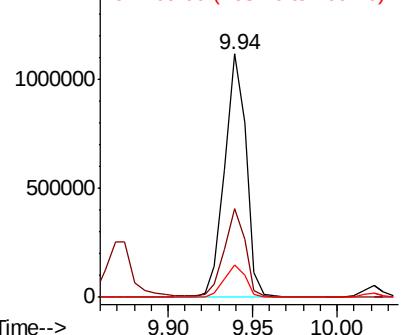
#55
Dibenzofuran
Concen: 43.964 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:168 Resp: 991975
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 13.6 10.7 16.1

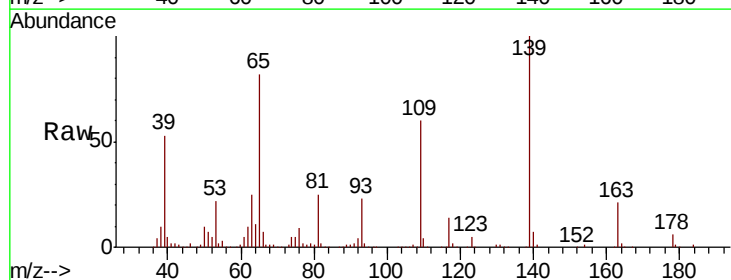


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

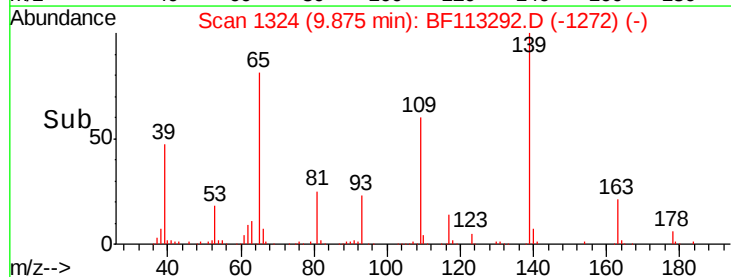
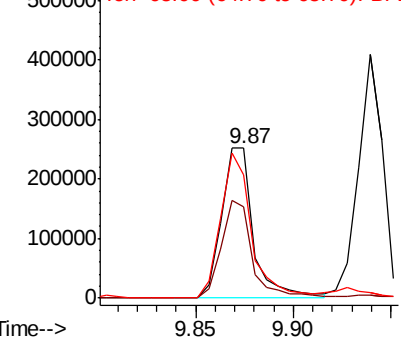


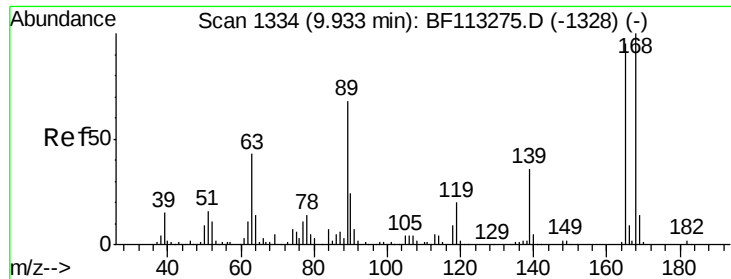
#56
4-Nitrophenol
Concen: 83.161 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:139 Resp: 286517
Ion Ratio Lower Upper
139 100
109 60.5 46.9 86.9
65 82.3 77.2 117.2



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

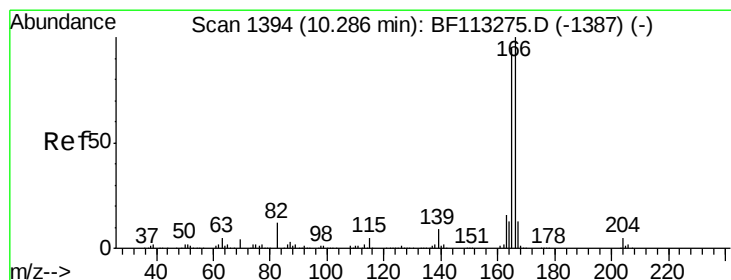
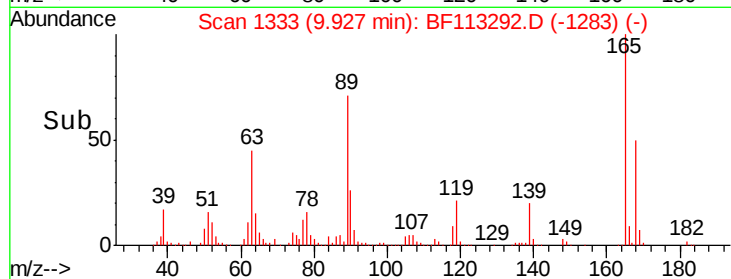
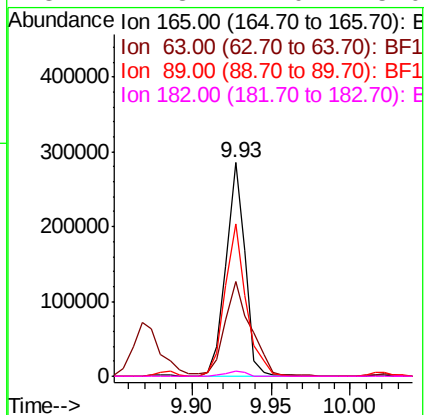
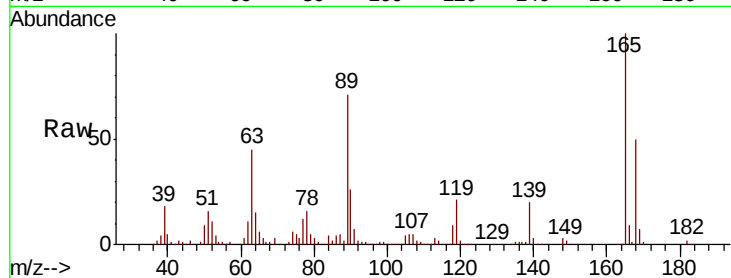




#57
 2,4-Dinitrotoluene
 Concen: 43.921 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

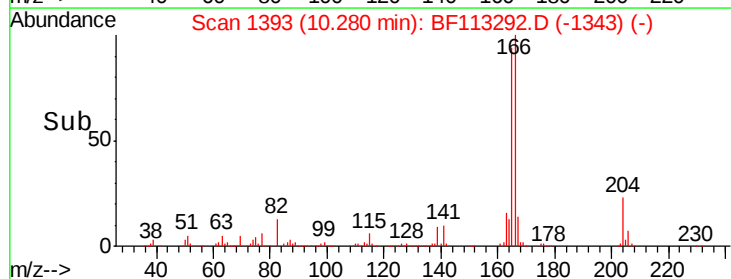
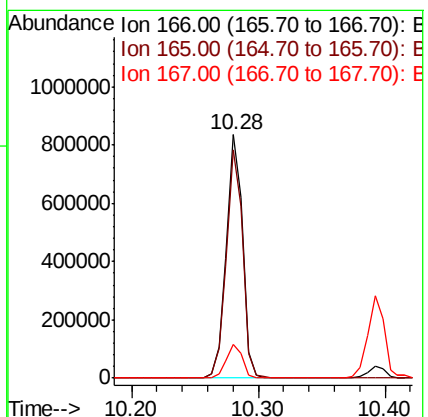
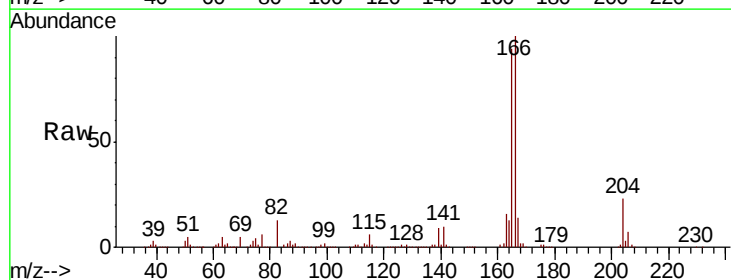
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:	165	Resp:	239351
Ion	Ratio	Lower	Upper
165	100		
63	44.7	37.5	56.3
89	71.3	57.4	86.2
182	2.3	2.0	3.0



#58
 Fluorene
 Concen: 42.427 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:	166	Resp:	743673
Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.2	114.2
167	13.9	10.7	16.1

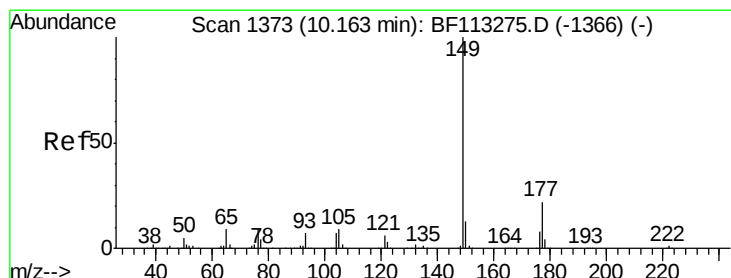
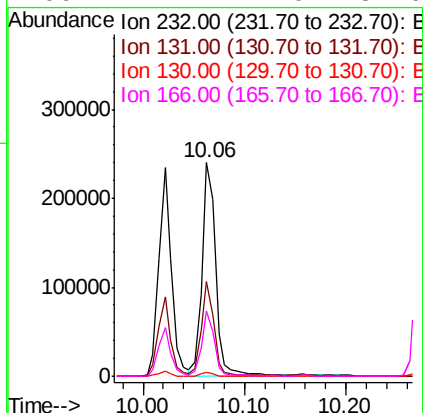
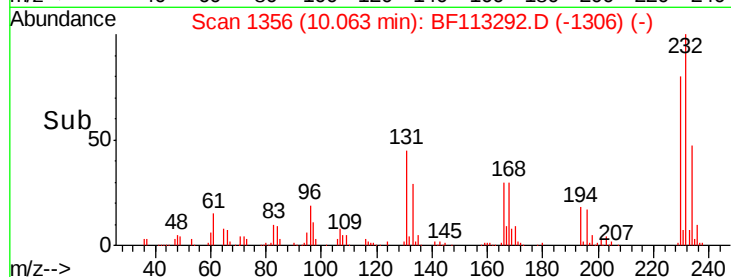
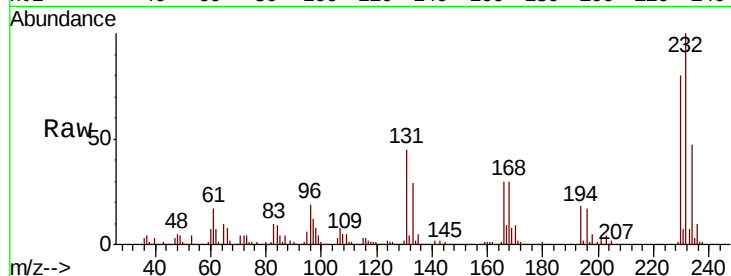




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.931 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

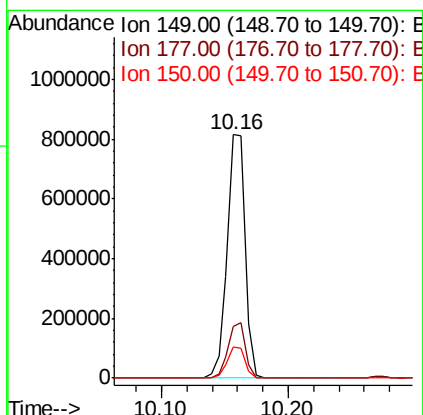
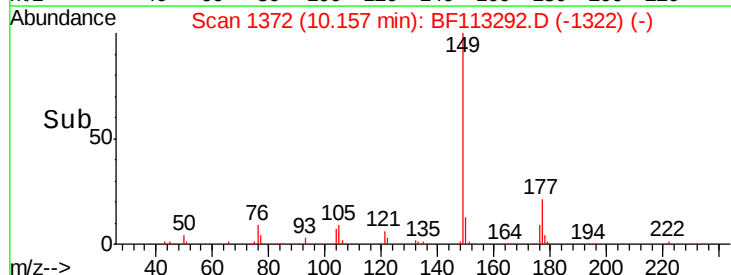
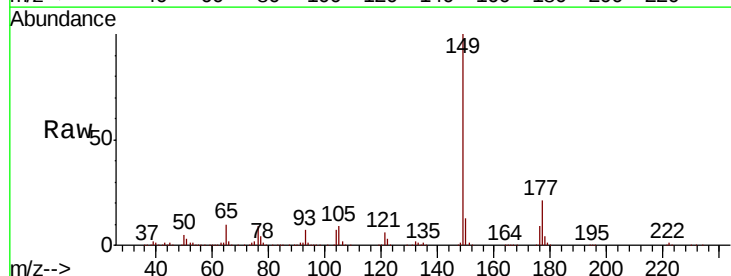
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

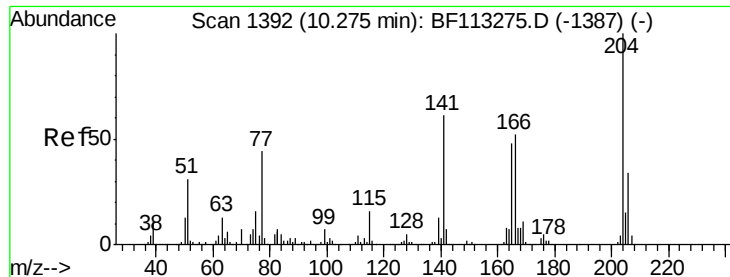
Tgt Ion:	232	Resp:	225296
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.2	49.8
130	1.8	1.6	2.4
166	27.4	21.0	31.6



#60
 Diethylphthalate
 Concen: 42.698 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:	149	Resp:	795658
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.0
150	12.6	10.0	15.0

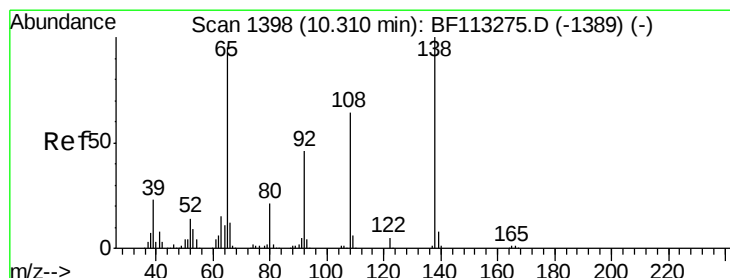
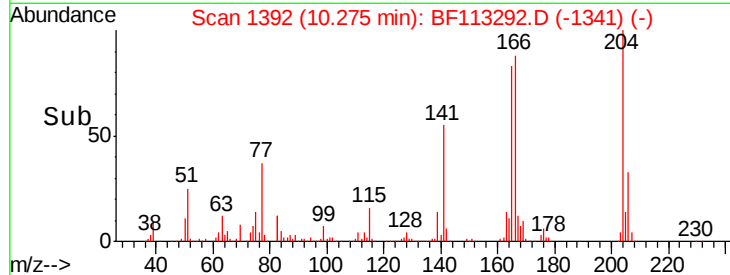
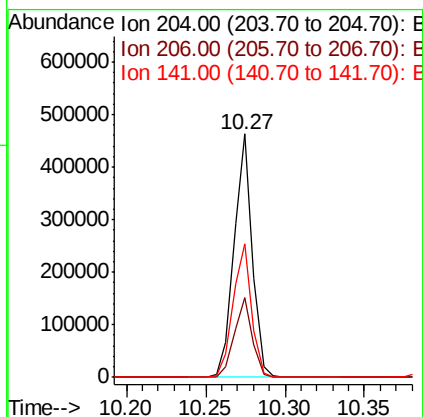
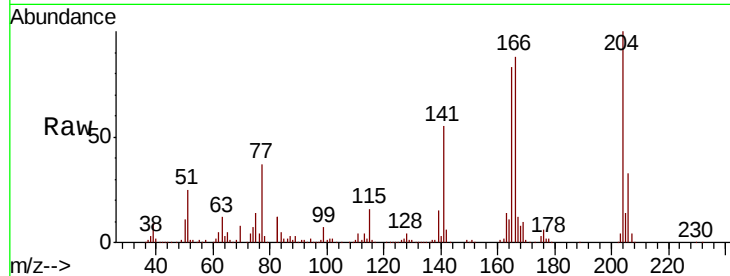




#61
4-Chlorophenyl-phenylether
Concen: 43.155 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

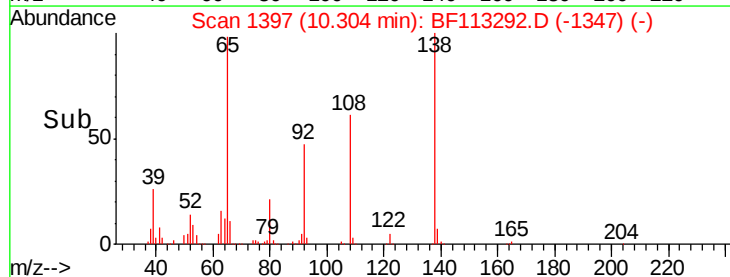
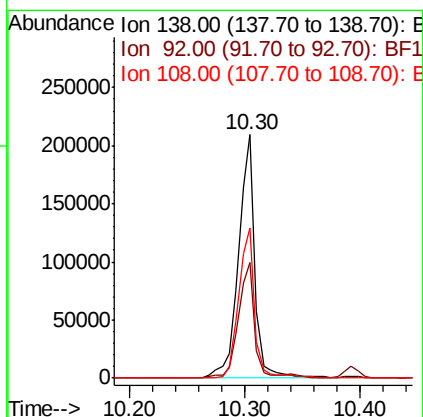
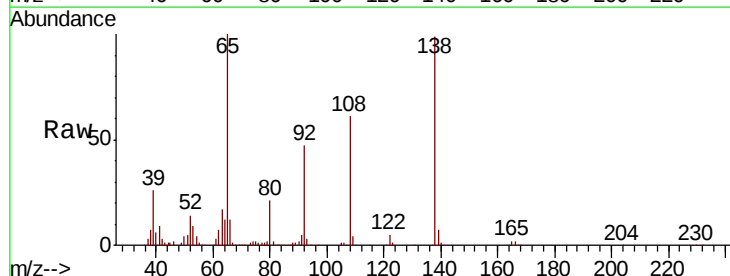
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

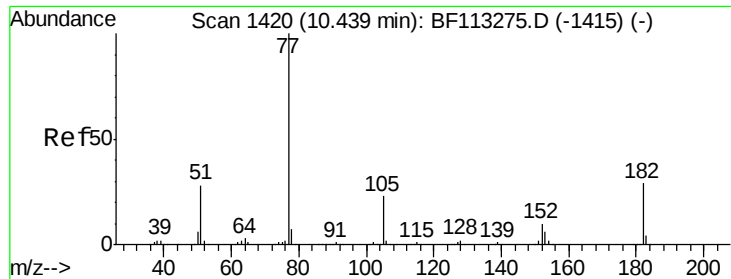
Tgt Ion: 204 Resp: 368665
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 54.8 48.8 73.2



#62
4-Nitroaniline
Concen: 41.470 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion: 138 Resp: 206340
Ion Ratio Lower Upper
138 100
92 47.6 25.8 65.8
108 61.5 44.0 84.0





#63

Azobenzene

Concen: 42.893 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

Tgt Ion: 77 Resp: 752385

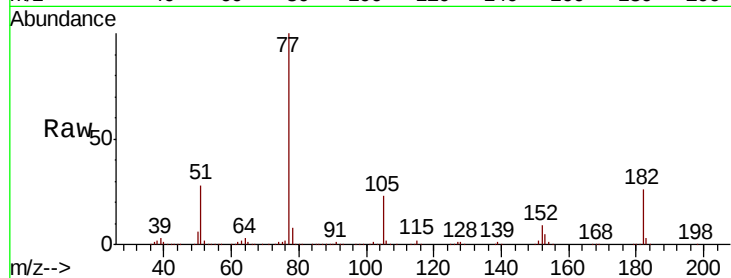
Ion Ratio Lower Upper

77 100

182 25.8 8.7 48.7

105 23.4 2.9 42.9

51 28.5 8.8 48.8

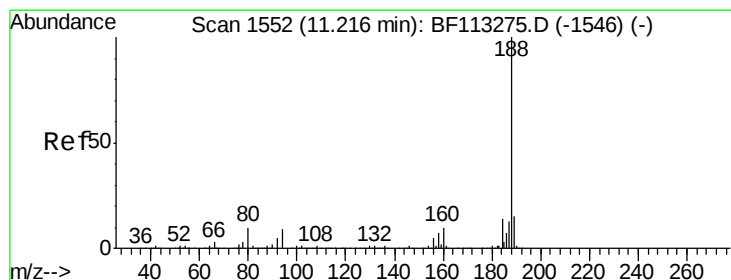
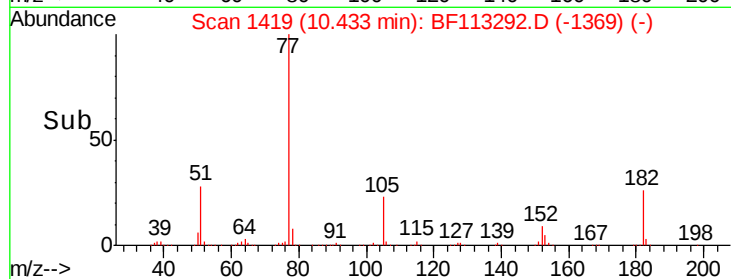
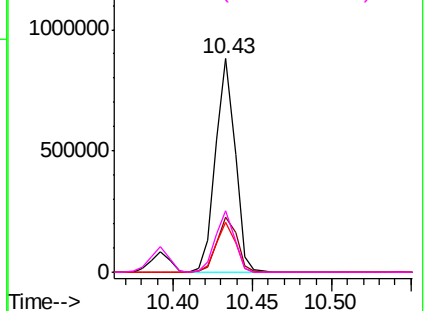


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

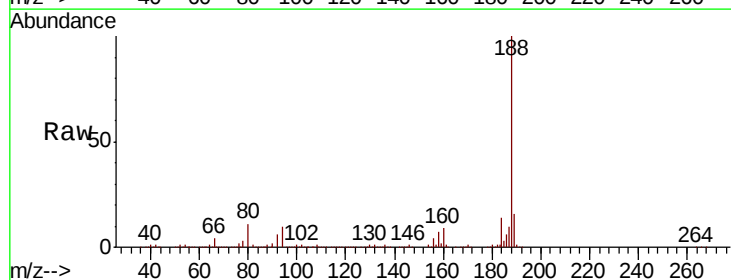
Tgt Ion: 188 Resp: 519172

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

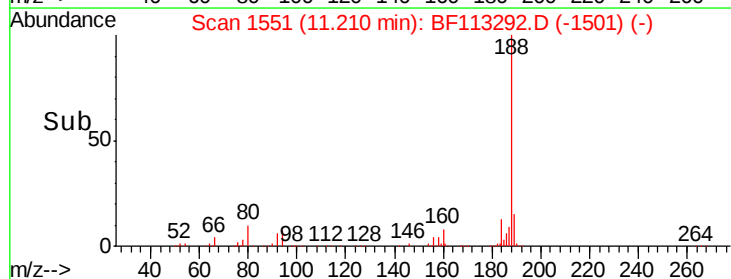
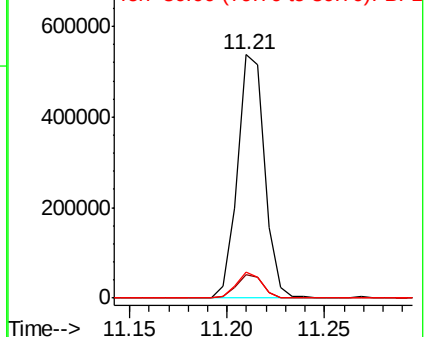
80 10.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

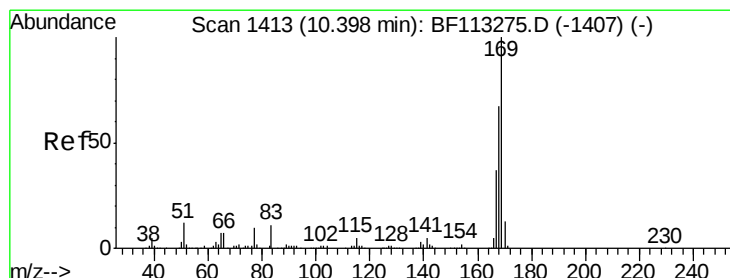
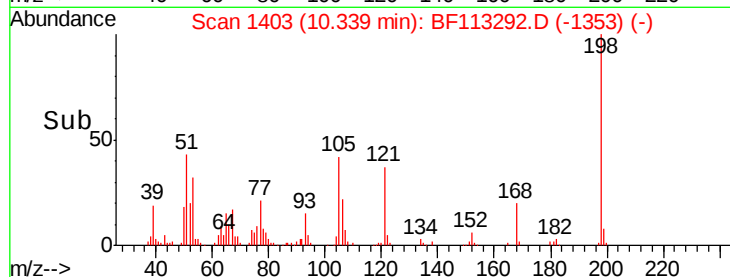
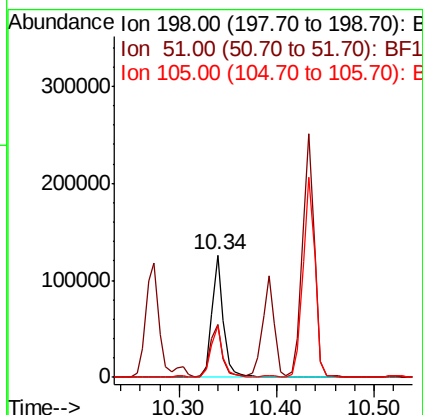
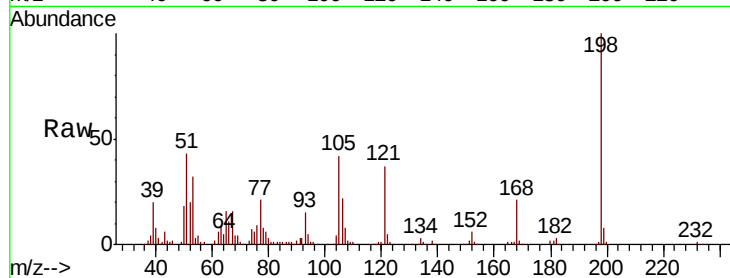




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.789 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

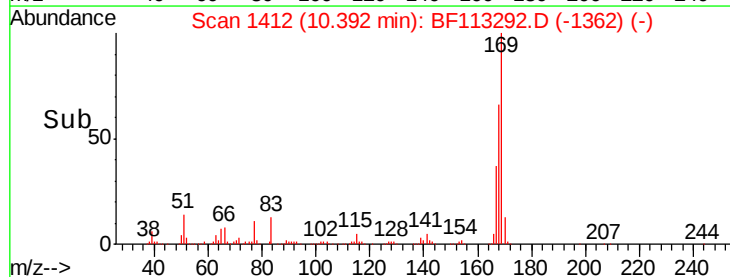
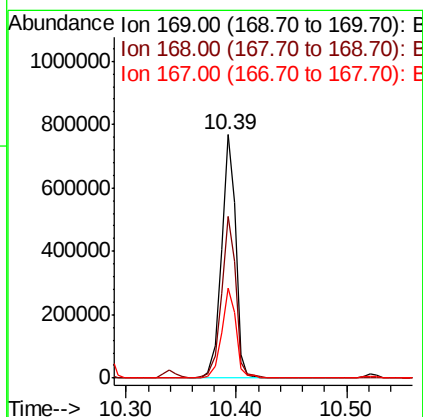
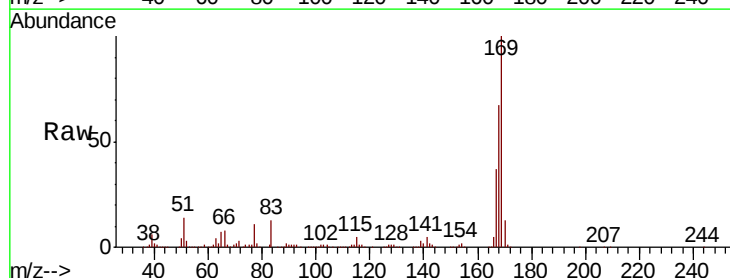
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

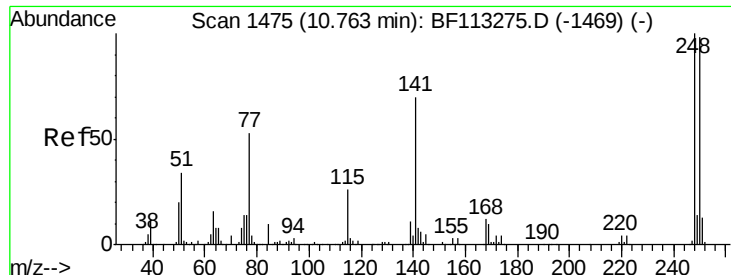
Tgt Ion:198 Resp: 104485
 Ion Ratio Lower Upper
 198 100
 51 42.9 21.6 61.6
 105 42.1 20.6 60.6



#66
 n-Nitrosodiphenylamine
 Concen: 43.121 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:169 Resp: 686962
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 36.9 29.5 44.3

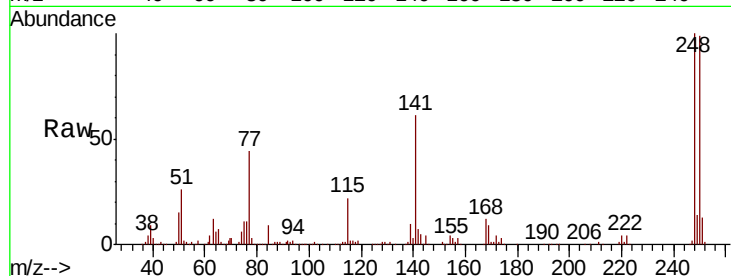




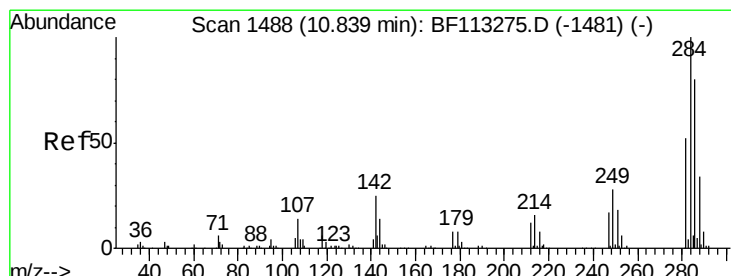
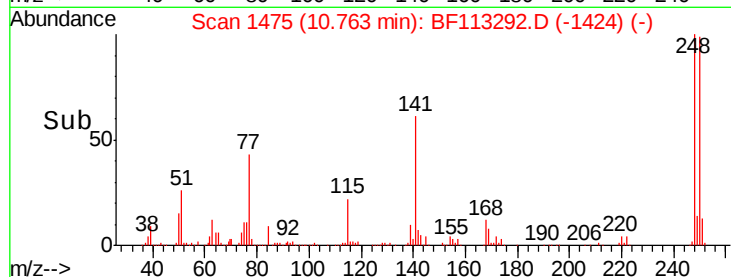
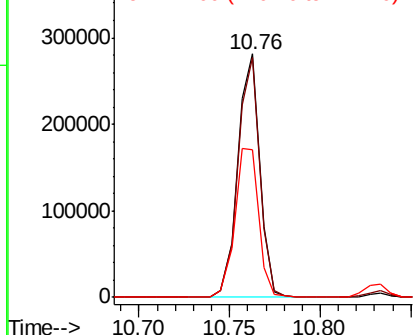
#67
 4-Bromophenyl-phenylether
 Concen: 42.111 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:248 Resp: 238287
 Ion Ratio Lower Upper
 248 100
 250 98.6 78.3 117.5
 141 60.7 56.2 84.4

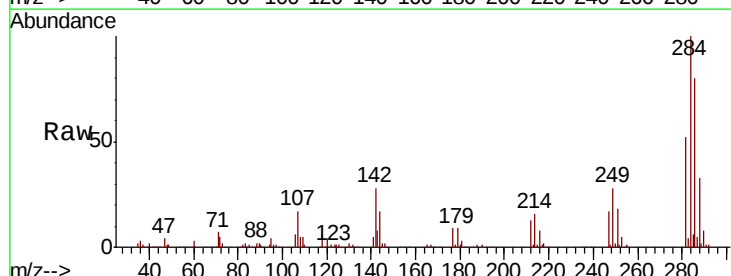


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

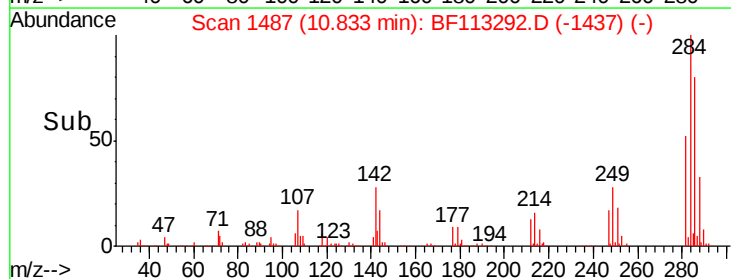
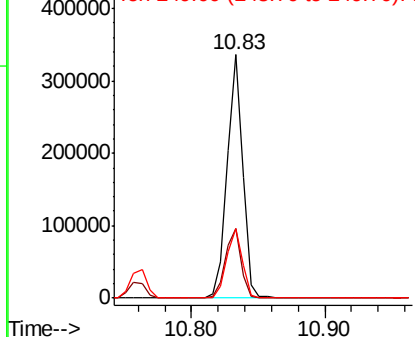


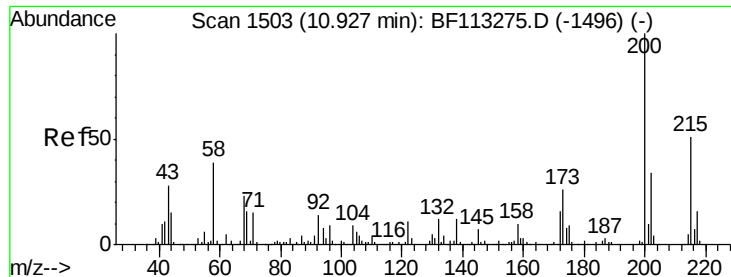
#68
 Hexachlorobenzene
 Concen: 42.460 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:284 Resp: 278880
 Ion Ratio Lower Upper
 284 100
 142 28.5 20.1 30.1
 249 28.4 22.7 34.1



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

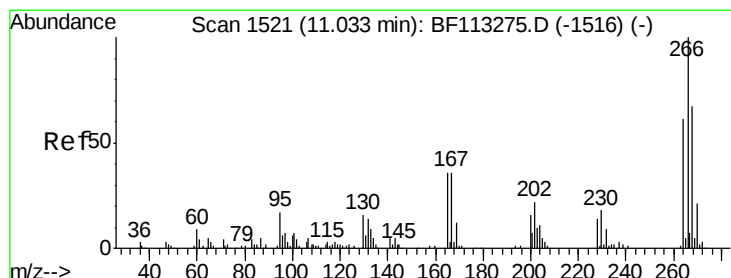
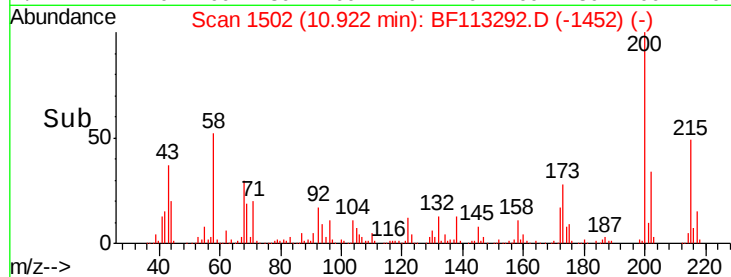
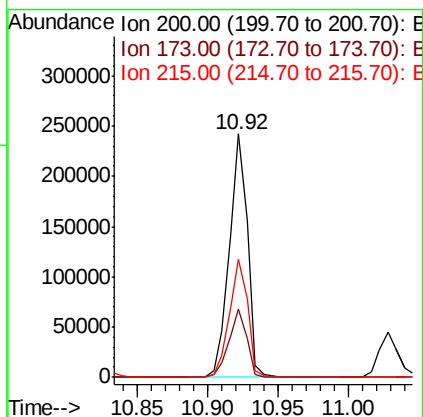
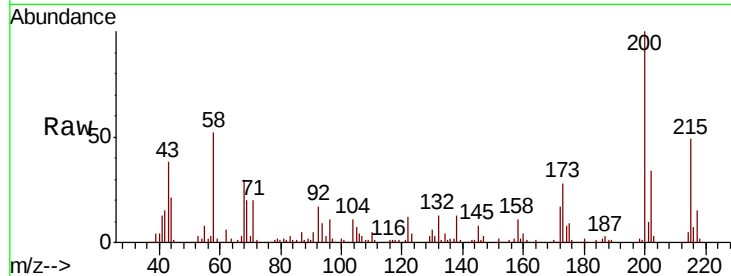




#69
 Atrazine
 Concen: 43.009 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

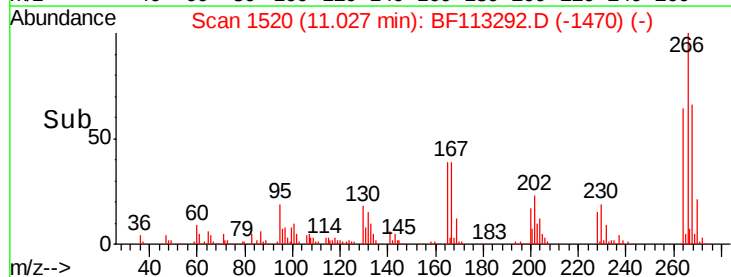
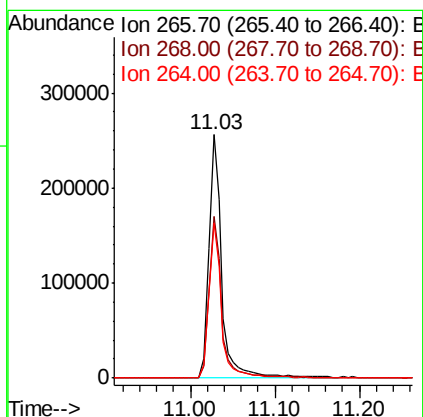
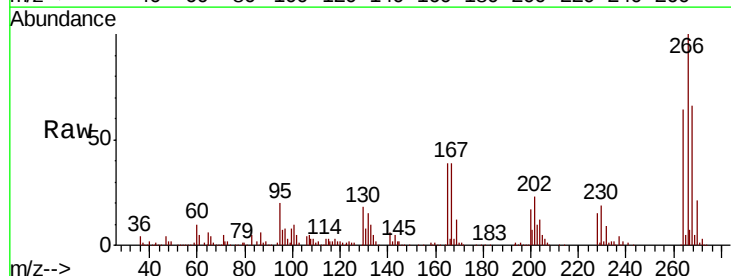
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

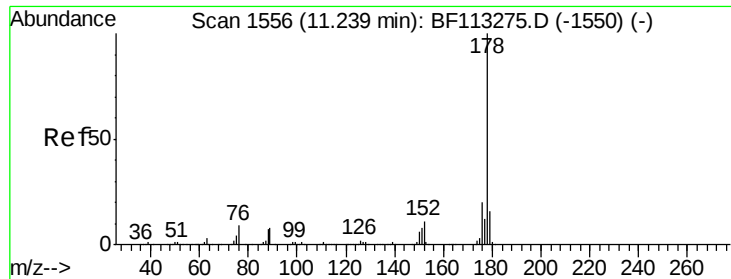
Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.0	46.0
215	48.5	31.3	71.3



#70
 Pentachlorophenol
 Concen: 80.024 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	53.8	80.6
264	64.0	49.2	73.8

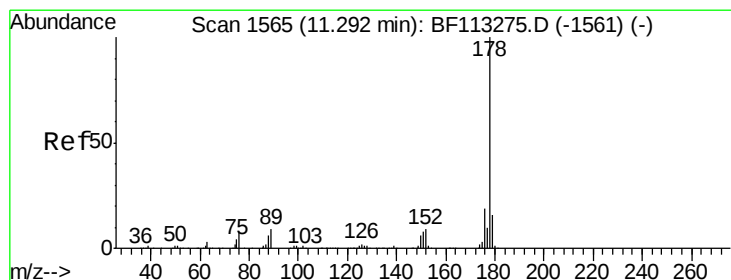
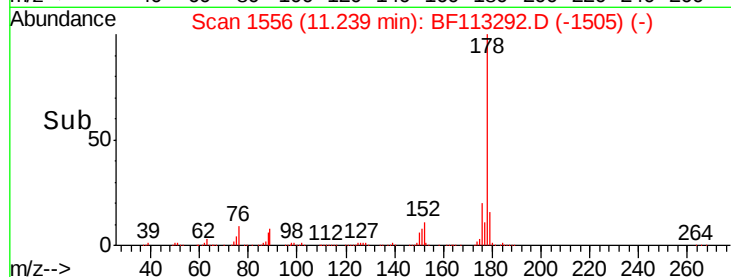
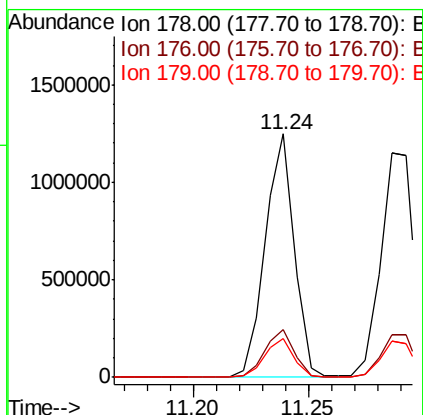
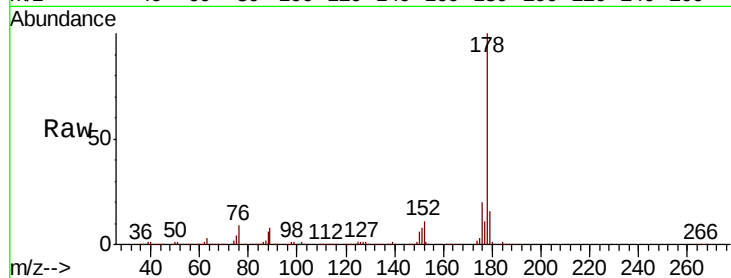




#71
Phenanthrene
Concen: 42.492 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

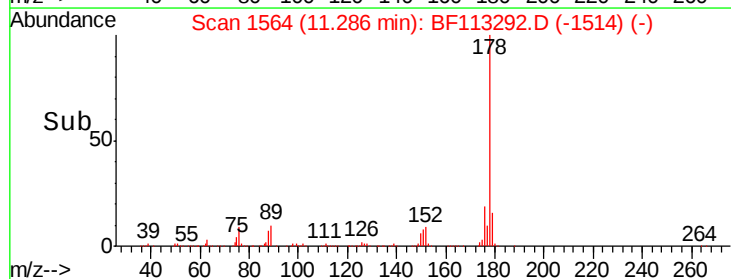
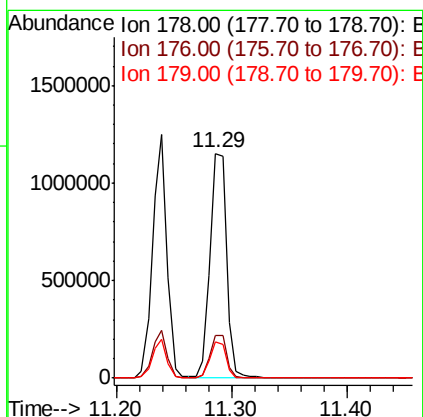
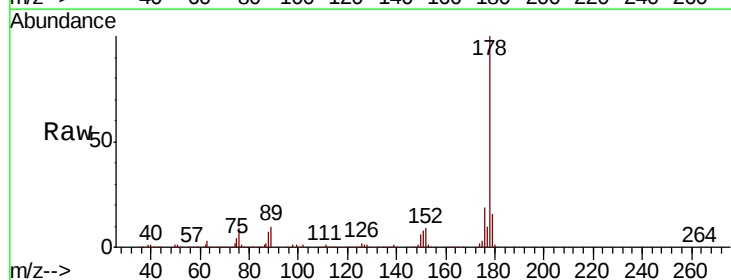
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

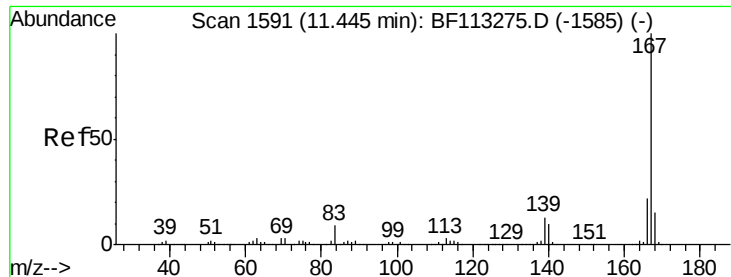
Tgt Ion:178 Resp: 1095537
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.9 12.7 19.1



#72
Anthracene
Concen: 44.054 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:178 Resp: 1153691
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.8 19.2

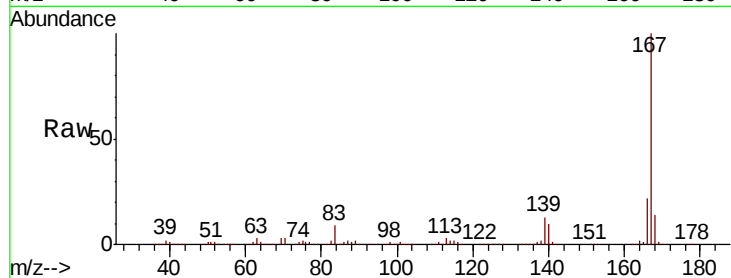




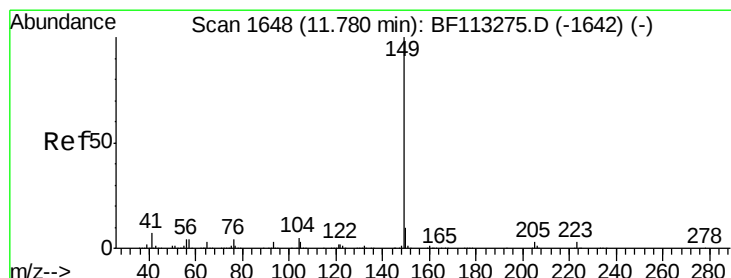
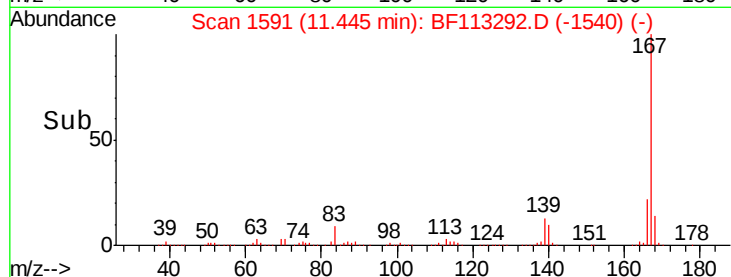
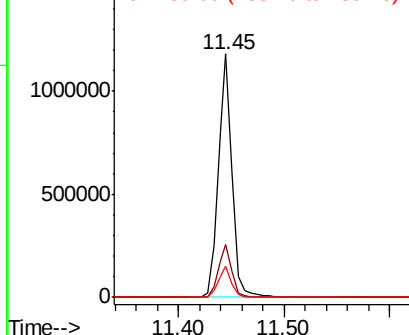
#73
 Carbazole
 Concen: 43.254 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:167 Resp: 1080876
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 12.7 10.4 15.6

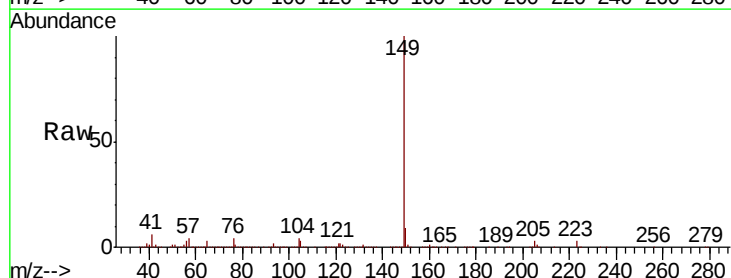


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

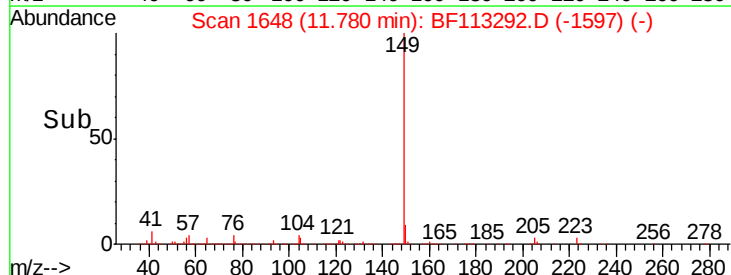
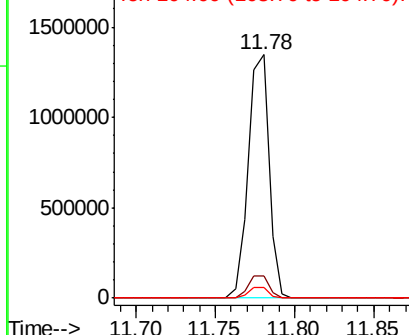


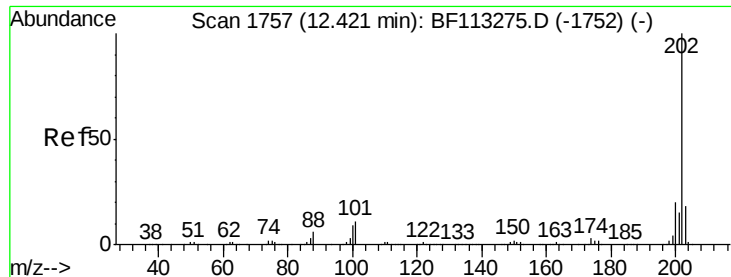
#74
 Di-n-butylphthalate
 Concen: 42.342 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:149 Resp: 1226981
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 4.3 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: 40.938 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

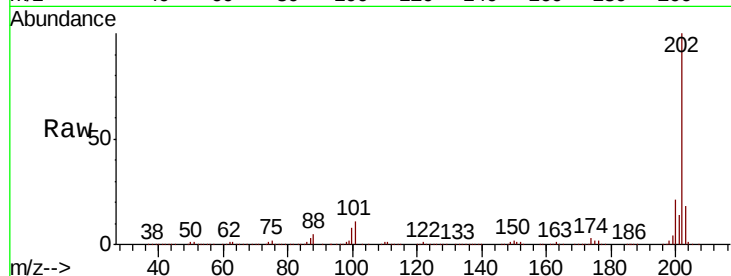
Tgt Ion:202 Resp: 1193189

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.4

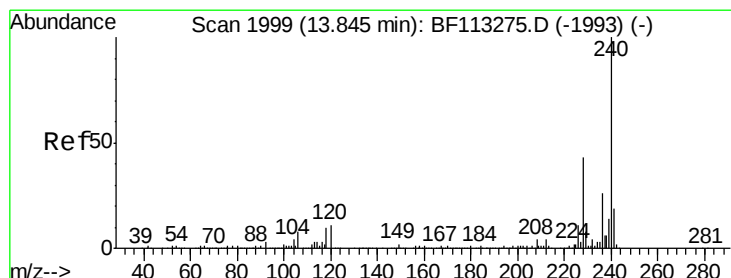
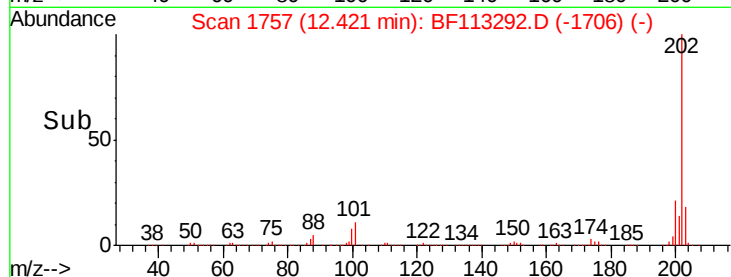
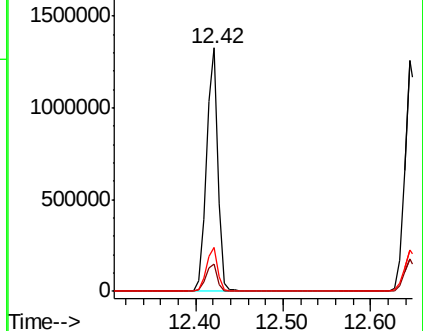
203 17.9 0.0 38.0



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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

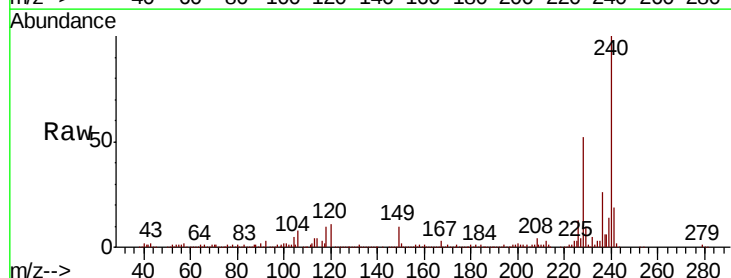
Tgt Ion:240 Resp: 386898

Ion Ratio Lower Upper

240 100

120 11.0 8.8 13.2

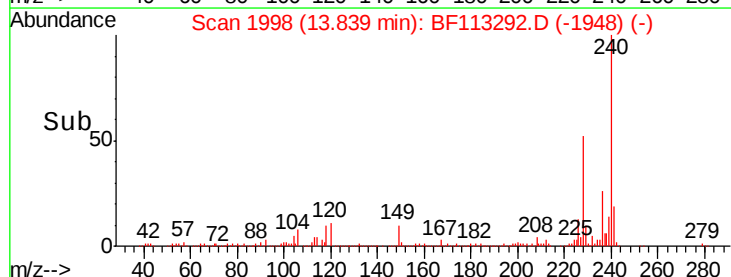
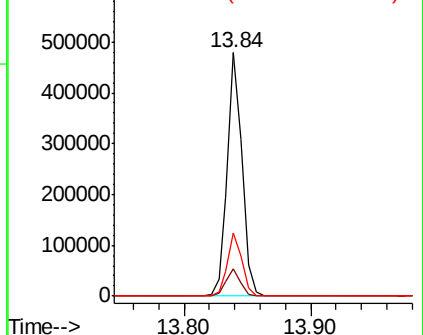
236 26.0 20.9 31.3

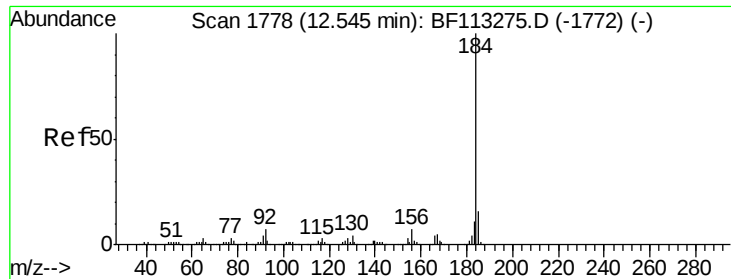


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.478 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

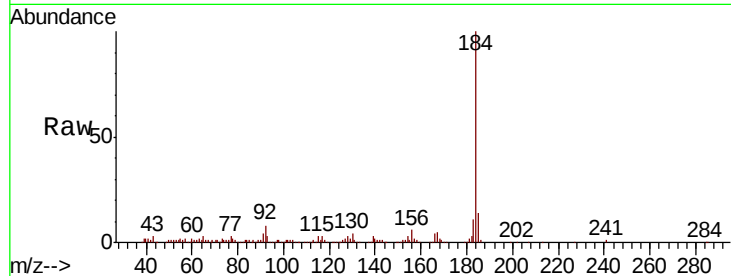
Tgt Ion:184 Resp: 377481

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.6

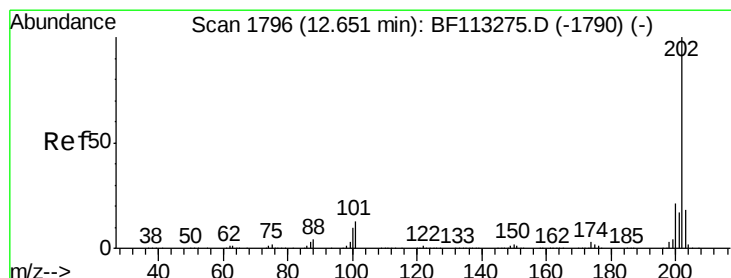
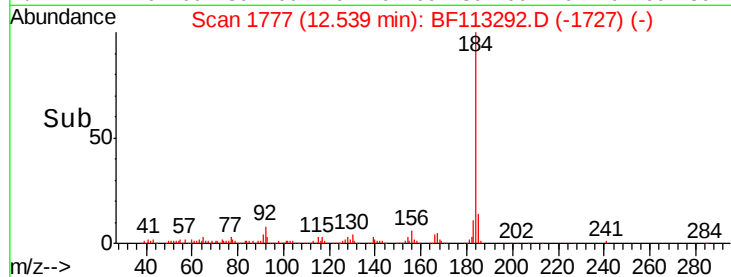
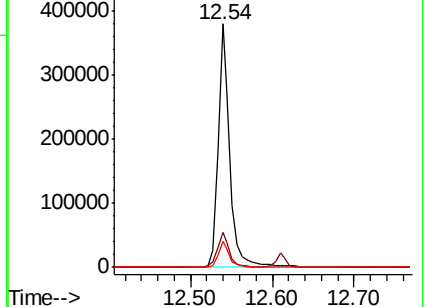
183 10.6 9.0 13.4



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: 45.061 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

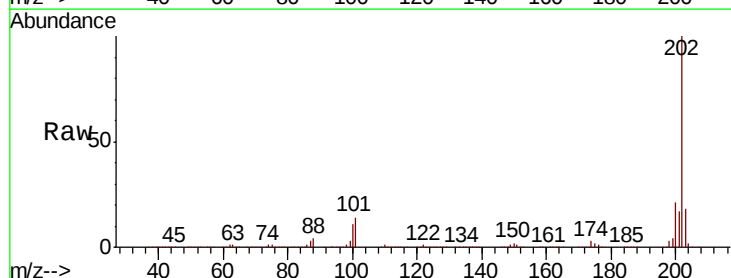
Tgt Ion:202 Resp: 1208119

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

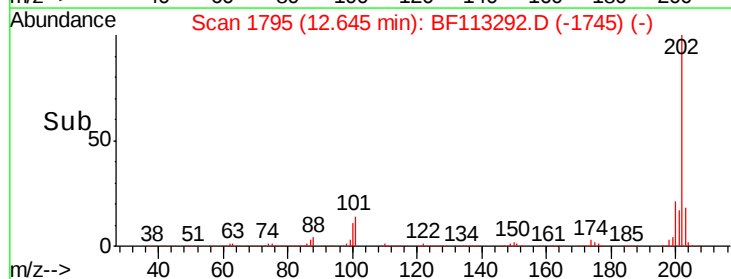
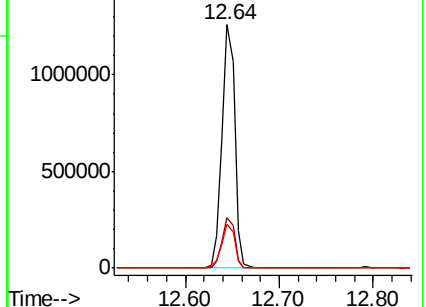
203 17.9 14.4 21.6



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

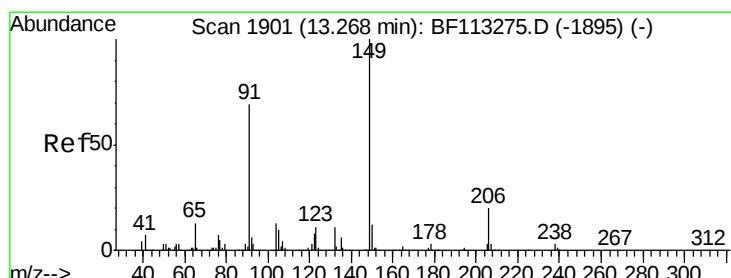
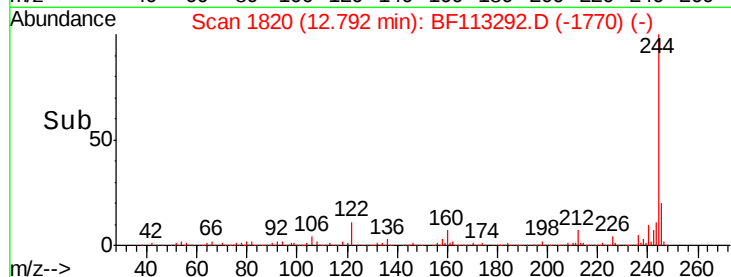
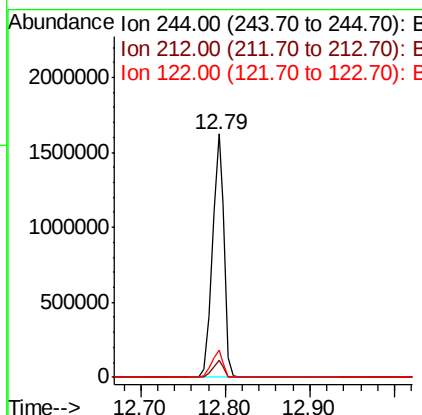
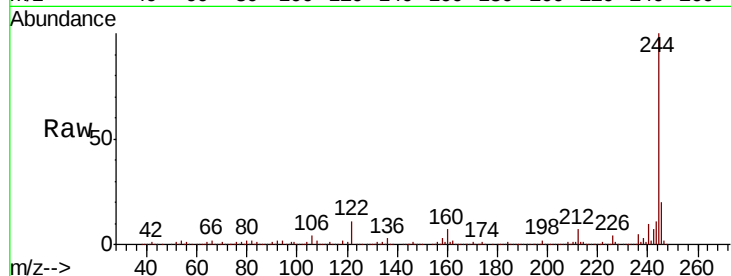




#79
 Terphenyl-d14
 Concen: 90.939 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

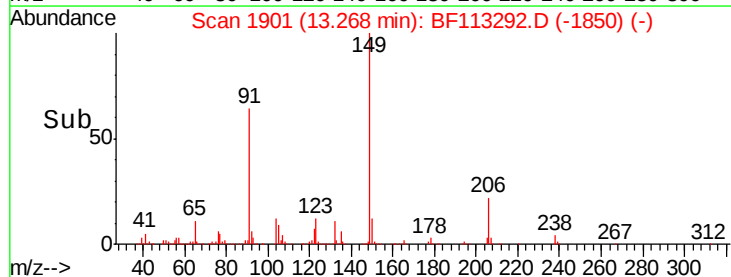
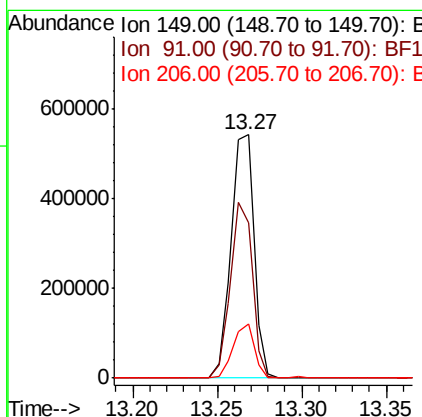
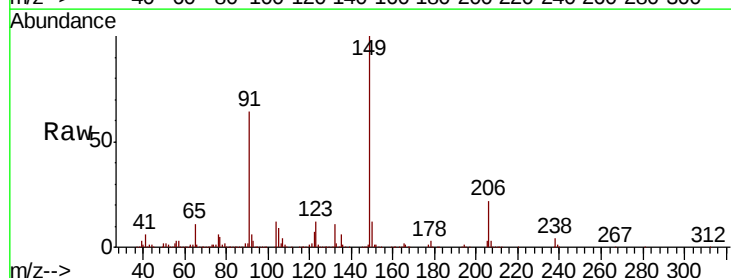
Instrument :
 BNA_F
 ClientSampleId :
 S3A(22-28)-S3B(27)COMPMSD

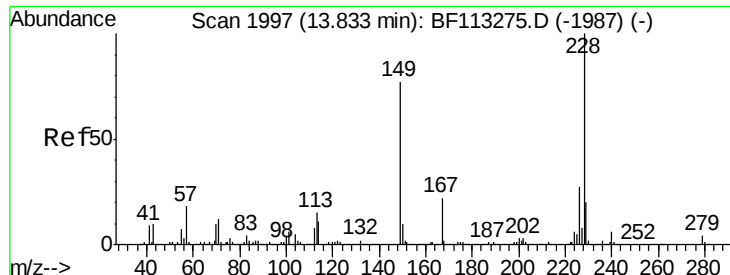
Tgt Ion:244 Resp: 1596248
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.4 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 43.585 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113292.D
 Acq: 26 Mar 2019 15:22

Tgt Ion:149 Resp: 514990
 Ion Ratio Lower Upper
 149 100
 91 63.7 55.2 82.8
 206 22.1 16.1 24.1





#81

Benzo(a)anthracene

Concen: 40.930 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

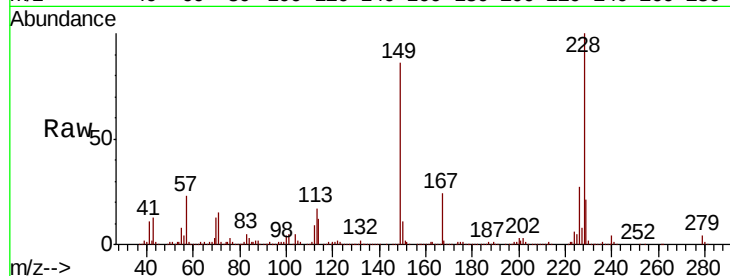
Tgt Ion:228 Resp: 906467

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

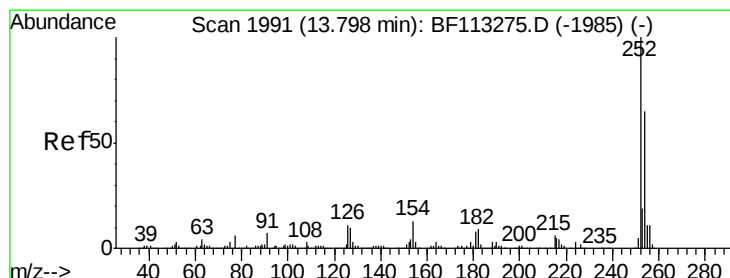
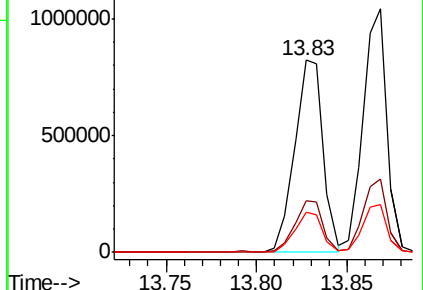
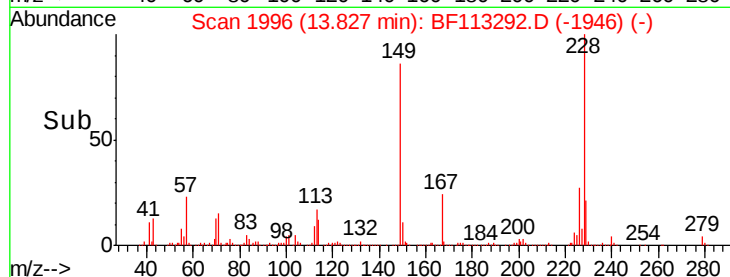
229 20.7 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.736 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

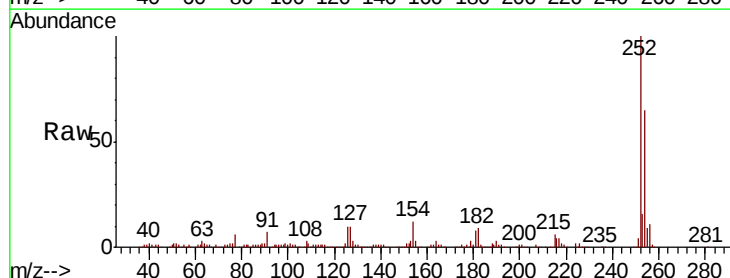
Tgt Ion:252 Resp: 264195

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

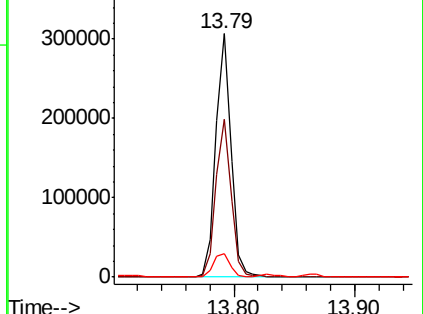
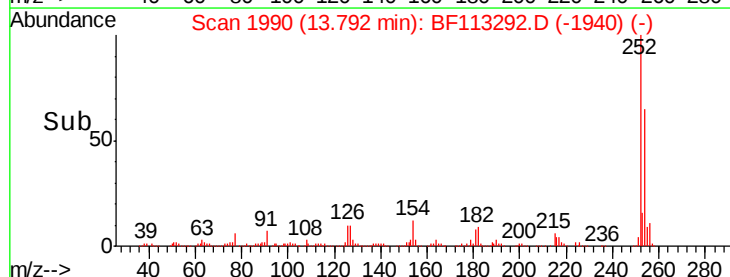
126 9.9 8.5 12.7

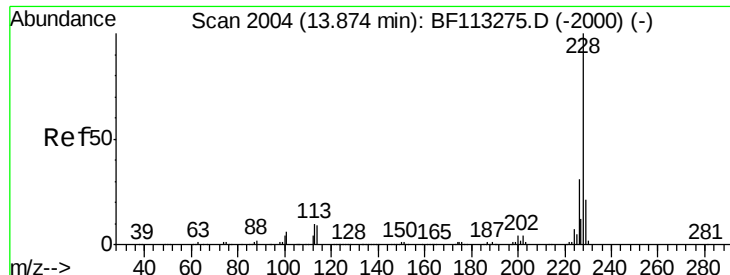


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.503 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

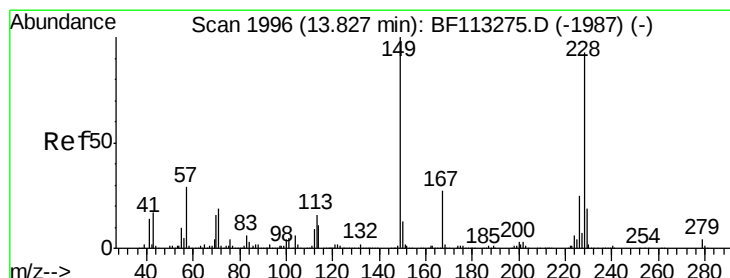
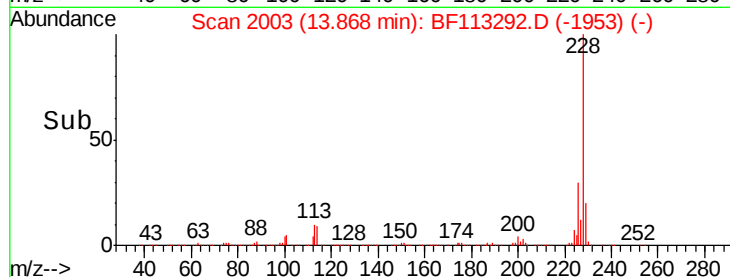
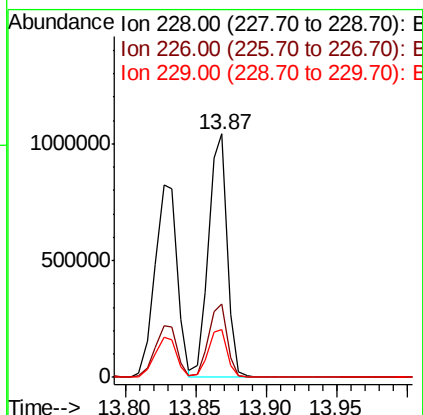
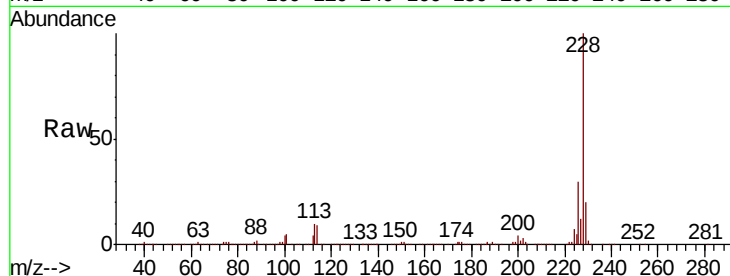
Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:	228	Resp:	956108
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.8	16.3	24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.799 ng

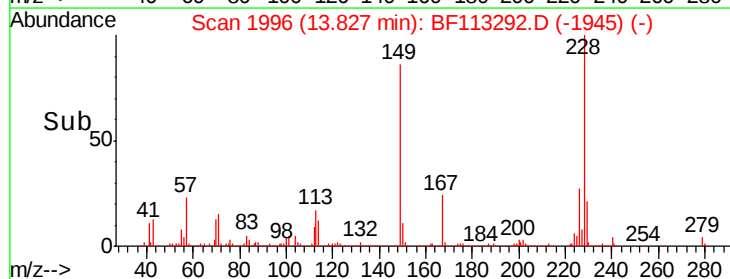
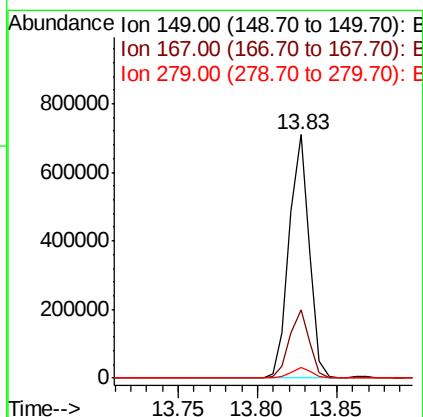
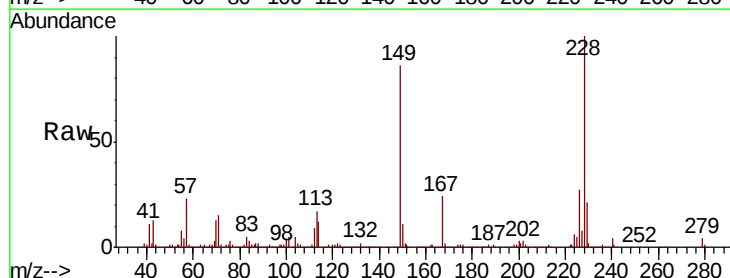
RT: 13.83 min Scan# 1996

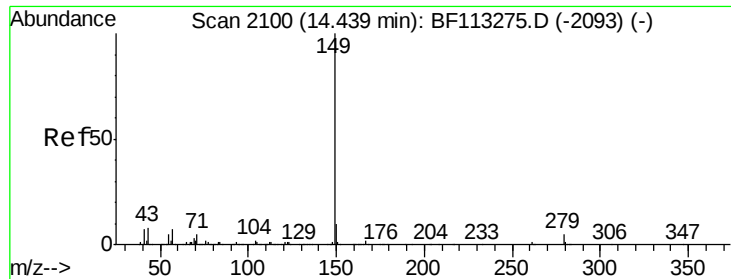
Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Tgt Ion:	149	Resp:	619939
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.3	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 43.551 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

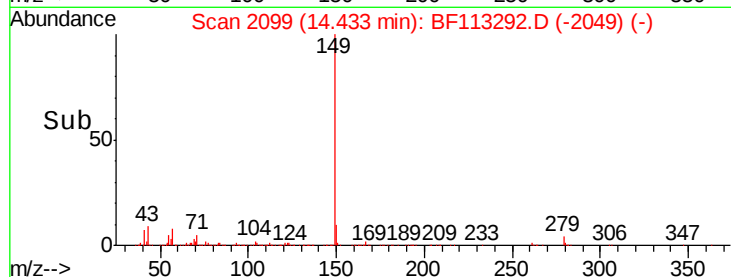
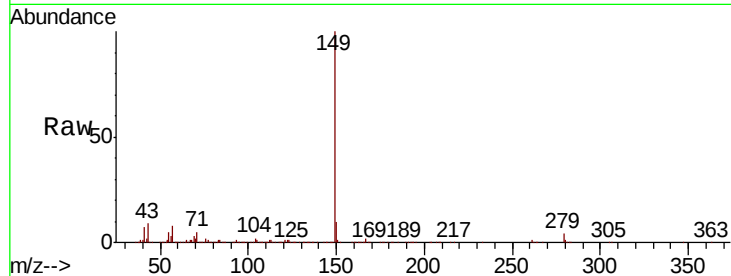
Tgt Ion:149 Resp: 1070799

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

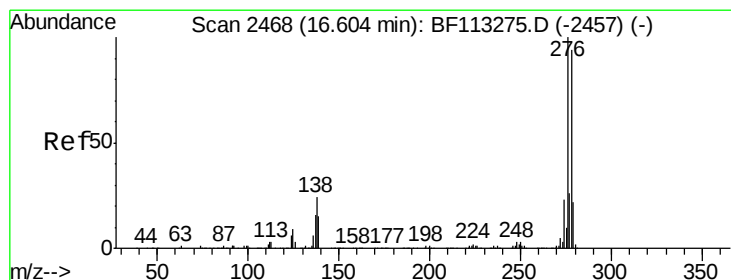
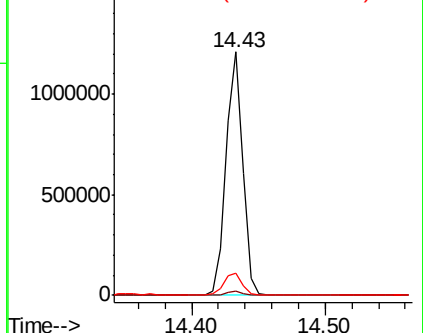
43 9.5 7.7 11.5



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: 57.439 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

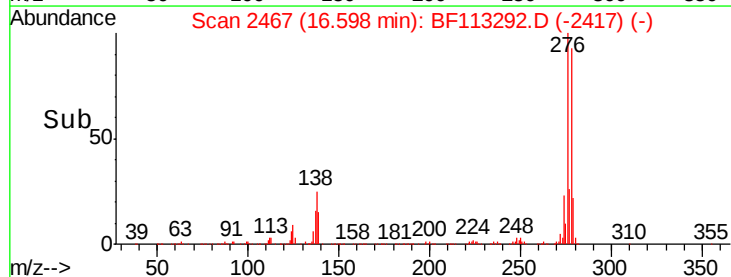
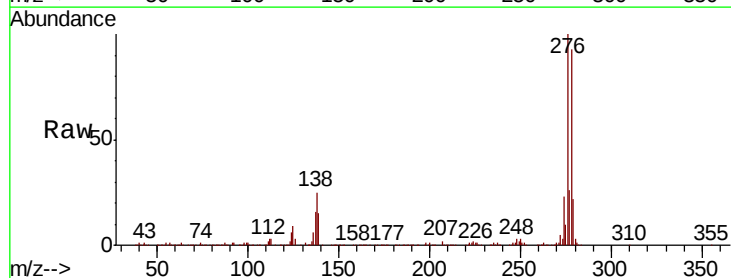
Tgt Ion:276 Resp: 1108897

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

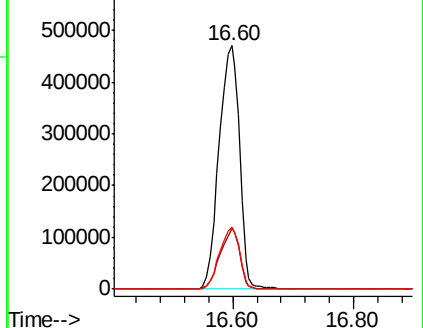
277 25.1 20.2 30.4

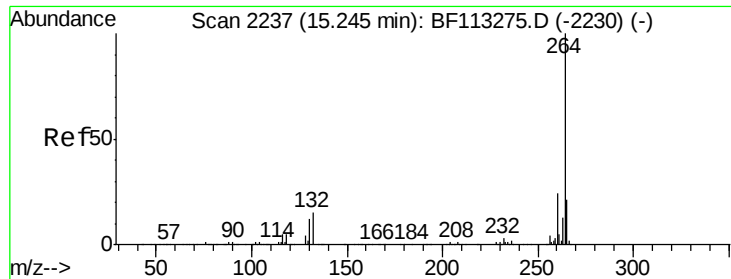


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

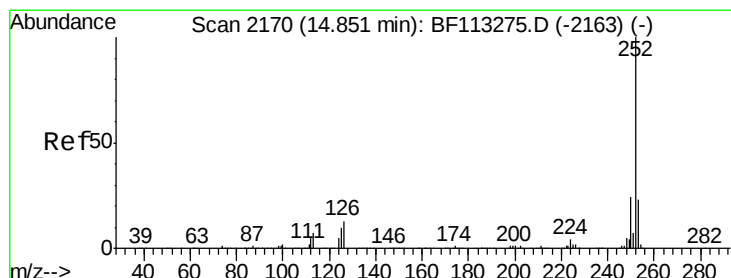
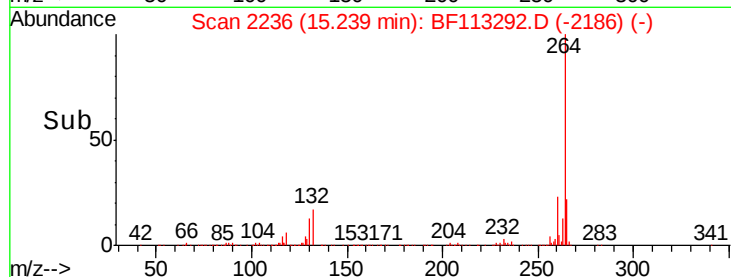
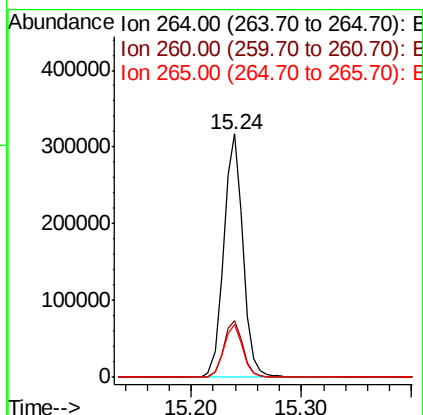
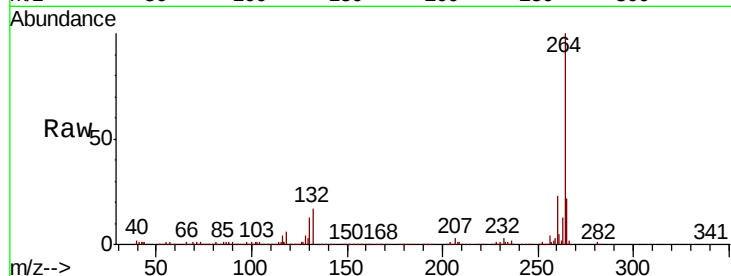




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

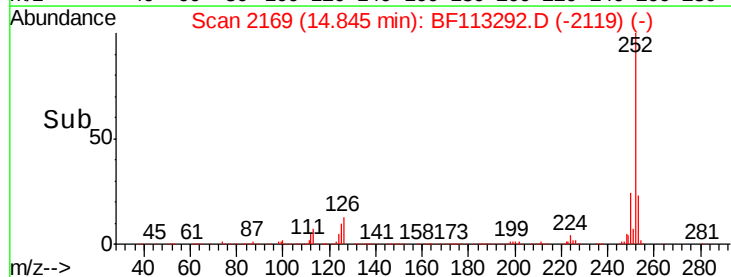
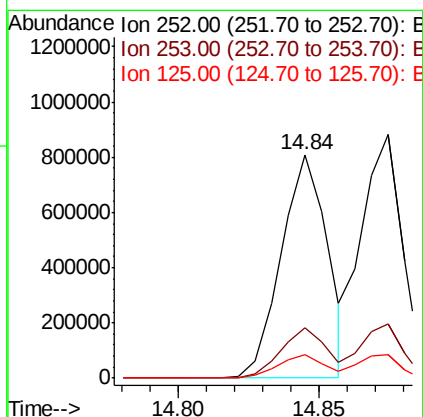
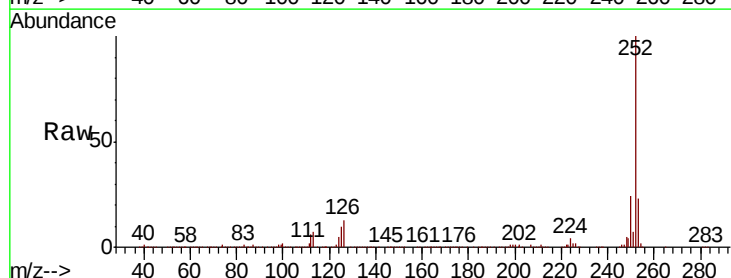
Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

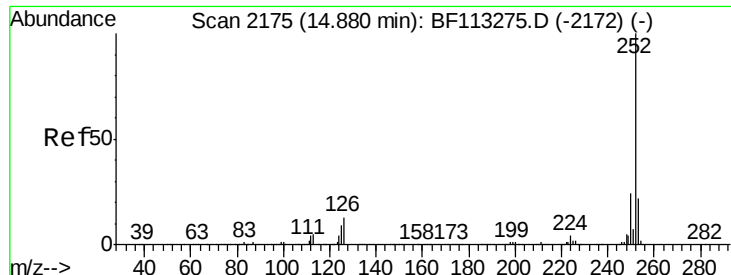
Tgt Ion:	264	Resp:	386481
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 38.425 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:	252	Resp:	922507
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.3	7.6	11.4

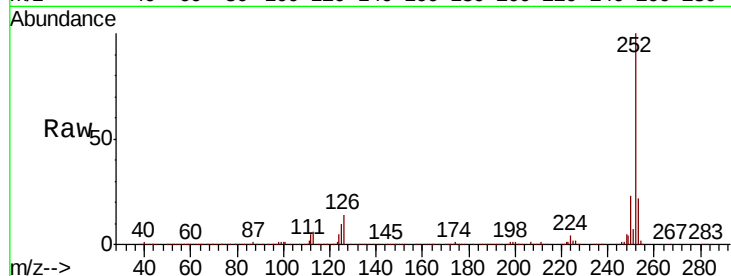




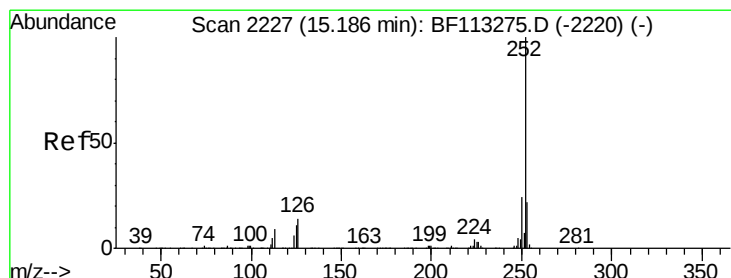
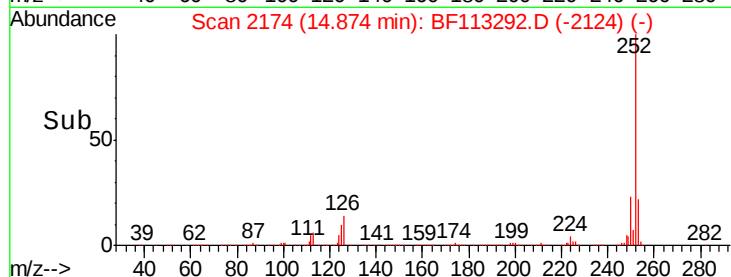
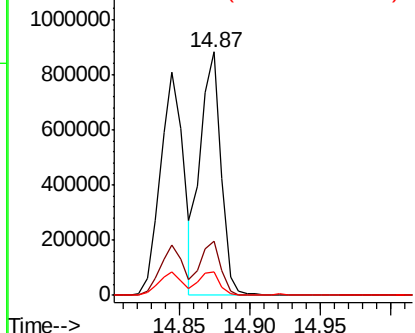
#89
Benzo(k)fluoranthene
Concen: 42.423 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Instrument :
BNA_F
ClientSampleId :
S3A(22-28)-S3B(27)COMPMSD

Tgt Ion:252 Resp: 894435
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.6 7.3 10.9

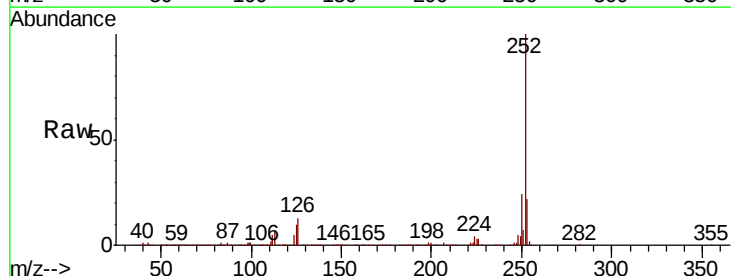


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

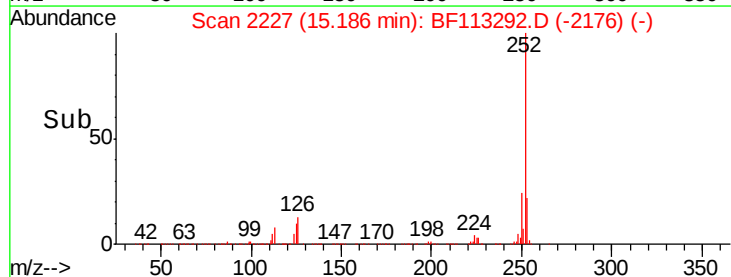
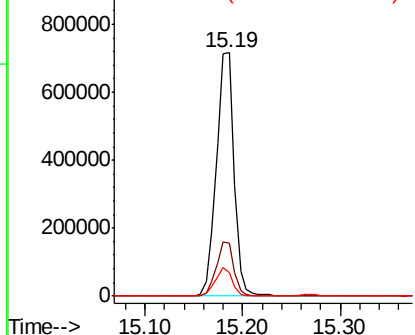


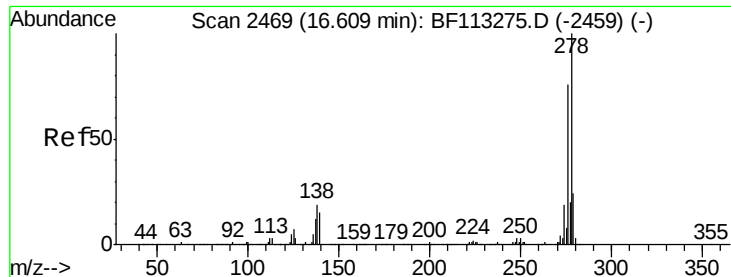
#90
Benzo(a)pyrene
Concen: 42.620 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.00 min
Lab File: BF113292.D
Acq: 26 Mar 2019 15:22

Tgt Ion:252 Resp: 907137
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 9.8 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 50.126 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

Instrument :

BNA_F

ClientSampleId :

S3A(22-28)-S3B(27)COMPMSD

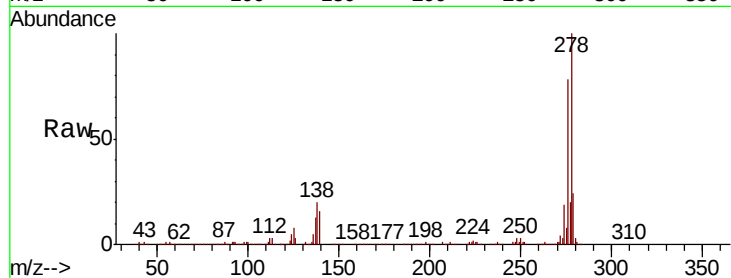
Tgt Ion:278 Resp: 922501

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

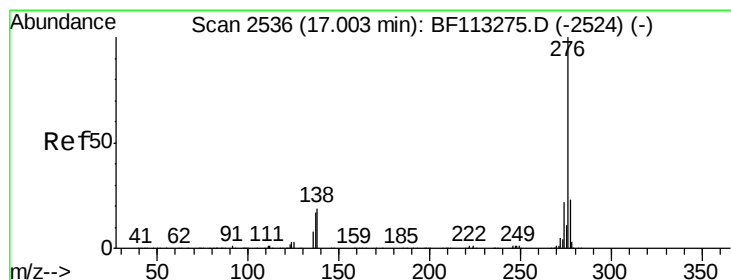
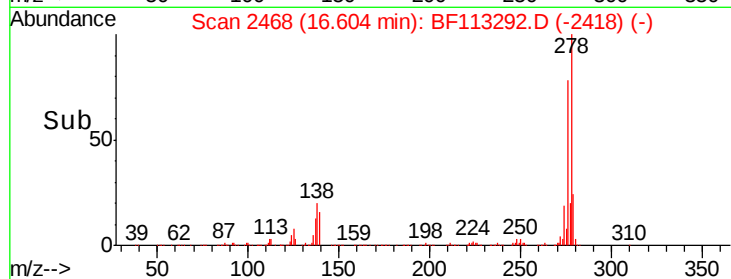
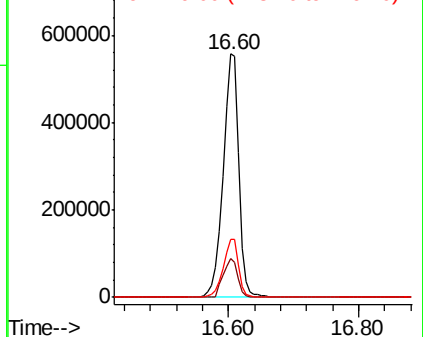
279 23.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.587 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113292.D

Acq: 26 Mar 2019 15:22

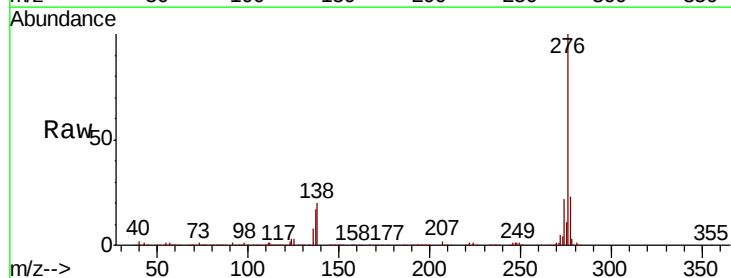
Tgt Ion:276 Resp: 975803

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.9 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

