

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
 Data File : BF113325.D
 Acq On : 27 Mar 2019 12:32
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Quant Time: Mar 28 01:04:01 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	169880	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	622028	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	306519	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	616450	20.00	ng	0.00
76) Chrysene-d12	13.84	240	388071	20.00	ng	0.00
87) Perylene-d12	15.24	264	406631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1327629	127.79	ng	0.01
7) Phenol-d6	6.36	99	1728082	131.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	1073558	102.44	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	478747	126.44	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1689634	86.76	ng	0.00
79) Terphenyl-d14	12.79	244	1717625	97.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	202401	38.397	ng	98
3) Pyridine	3.12	79	521635	40.141	ng	97
4) n-Nitrosodimethylamine	3.05	42	236584	40.953	ng	90
6) Aniline	6.37	93	224516	14.027	ng	# 1
8) 2-Chlorophenol	6.50	128	495349	41.057	ng	93
9) Benzaldehyde	6.25	77	167626	19.006	ng	97
10) Phenol	6.37	94	606230	40.402	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	469132	40.788	ng	100
12) 1,3-Dichlorobenzene	6.65	146	513219	39.463	ng	99
13) 1,4-Dichlorobenzene	6.72	146	528791	42.112	ng	99
14) 1,2-Dichlorobenzene	6.87	146	486648	39.394	ng	98
15) Benzyl Alcohol	6.85	79	394300	45.475	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	725908	42.012	ng	96
17) 2-Methylphenol	6.97	107	414506	43.840	ng	98
18) Hexachloroethane	7.22	117	184435	40.894	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	333073	40.344	ng	97
20) 3+4-Methylphenols	7.13	107	516666	48.087	ng	96
22) Acetophenone	7.12	105	669822	47.218	ng	98
24) Nitrobenzene	7.29	77	522209	47.751	ng	95
25) Isophorone	7.53	82	952214	46.885	ng	98
26) 2-Nitrophenol	7.60	139	272373	47.119	ng	97
27) 2,4-Dimethylphenol	7.65	122	451784	54.332	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	599040	46.837	ng	99
29) 2,4-Dichlorophenol	7.85	162	433657	48.125	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	446430	45.920	ng	98
31) Naphthalene	8.01	128	1408544	46.338	ng	99
32) Benzoic acid	7.73	122	22633	3.381	ng	# 80
33) 4-Chloroaniline	8.06	127	145578	12.282	ng	98
34) Hexachlorobutadiene	8.13	225	255413	44.202	ng	97
35) Caprolactam	8.43	113	89759	31.037	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	451302	49.794	ng	97
37) 2-Methylnaphthalene	8.70	142	933353	49.210	ng	100
38) 1-Methylnaphthalene	8.80	142	884866	48.504	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	425319	43.227	ng	99

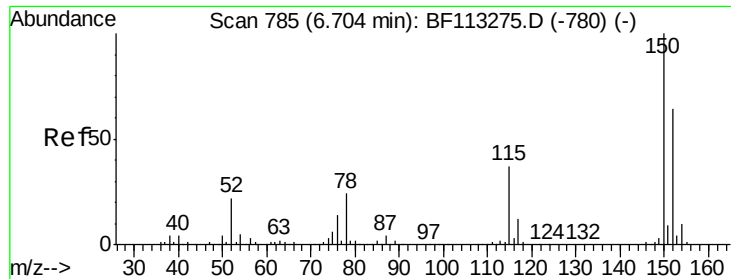
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032719\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	345813	83.035	ng	98
43) 2,4,6-Trichlorophenol	8.99	196	300045	46.829	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	319479	45.055	ng	98
46) 1,1'-Biphenyl	9.16	154	1118078	43.674	ng	99
47) 2-Chloronaphthalene	9.19	162	879322	44.611	ng	100
48) 2-Nitroaniline	9.29	65	297619	48.114	ng	98
49) Acenaphthylene	9.60	152	1424453	44.695	ng	100
50) Dimethylphthalate	9.47	163	1158769	51.012	ng	100
51) 2,6-Dinitrotoluene	9.53	165	241807	47.186	ng	97
52) Acenaphthene	9.77	154	809266	45.089	ng	99
53) 3-Nitroaniline	9.69	138	138284	23.929	ng	94
54) 2,4-Dinitrophenol	9.81	184	48431	19.002	ng	# 87
55) Dibenzofuran	9.95	168	1223237	45.335	ng	98
56) 4-Nitrophenol	9.87	139	323010	78.399	ng	96
57) 2,4-Dinitrotoluene	9.93	165	303887	46.631	ng	99
58) Fluorene	10.29	166	927434	44.246	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251579	41.955	ng	99
60) Diethylphthalate	10.16	149	1015445	45.569	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	453784	44.419	ng	97
62) 4-Nitroaniline	10.31	138	267053	44.882	ng	99
63) Azobenzene	10.43	77	958274	45.683	ng	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	76711	22.748	ng	97
66) n-Nitrosodiphenylamine	10.40	169	876623	46.343	ng	98
67) 4-Bromophenyl-phenylether	10.76	248	304203	45.276	ng	98
68) Hexachlorobenzene	10.83	284	355746	45.615	ng	# 93
69) Atrazine	10.93	200	280065	46.908	ng	97
70) Pentachlorophenol	11.03	266	237272	58.395	ng	99
71) Phenanthrene	11.24	178	1386713	45.298	ng	99
72) Anthracene	11.29	178	1448794	46.593	ng	99
73) Carbazole	11.45	167	1369169	46.145	ng	100
74) Di-n-butylphthalate	11.78	149	1558368	45.291	ng	99
75) Fluoranthene	12.42	202	1457701	42.121	ng	99
77) Benzidine	12.54	184	182870	12.305	ng	97
78) Pyrene	12.65	202	1450688	53.945	ng	100
80) Butylbenzylphthalate	13.27	149	582422	49.143	ng	95
81) Benzo(a)anthracene	13.83	228	998056	44.929	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	201181	22.575	ng	99
83) Chrysene	13.87	228	1042186	46.190	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	681729	46.922	ng	99
85) Di-n-octyl phthalate	14.43	149	1127733	45.728	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1302686	67.273	ng	98
88) Benzo(b)fluoranthene	14.85	252	1092261	43.241	ng	100
89) Benzo(k)fluoranthene	14.87	252	942807	42.502	ng	98
90) Benzo(a)pyrene	15.19	252	1028052	45.908	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	1081143	55.836	ng	99
92) Benzo(g,h,i)perylene	17.01	276	1144808	58.638	ng	98

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

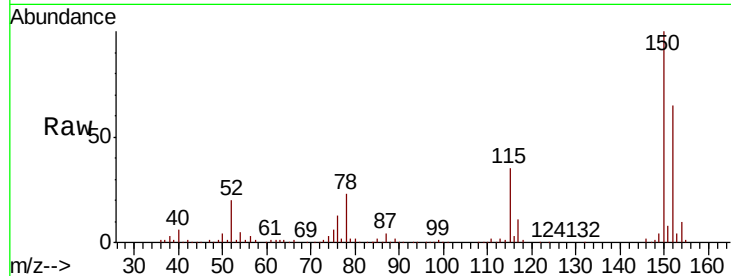


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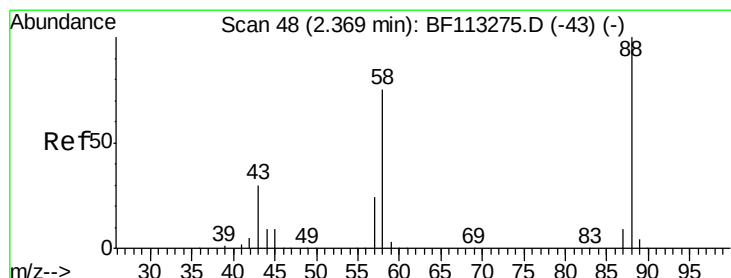
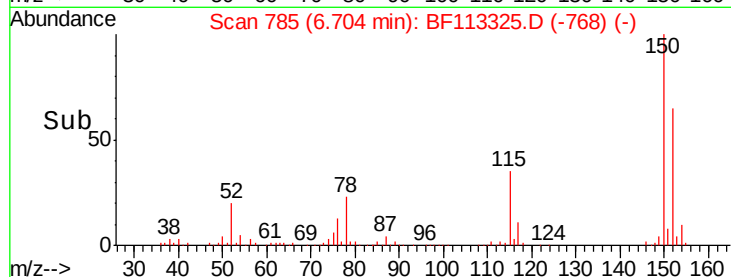
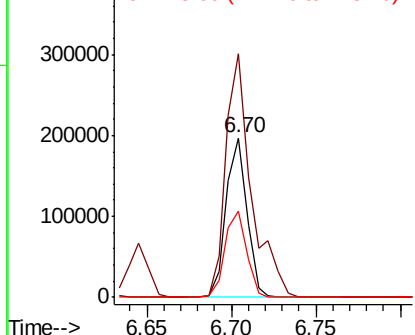
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:152 Resp: 169880
Ion Ratio Lower Upper
152 100
150 152.9 124.7 187.1
115 53.9 46.0 69.0



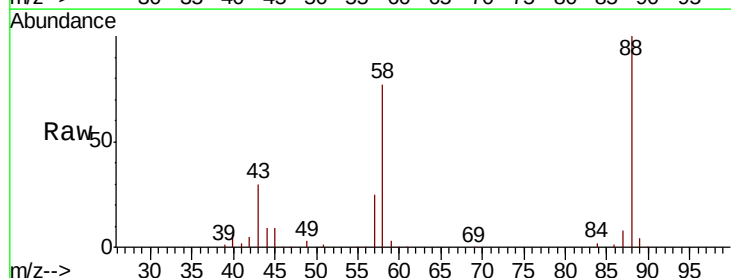
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



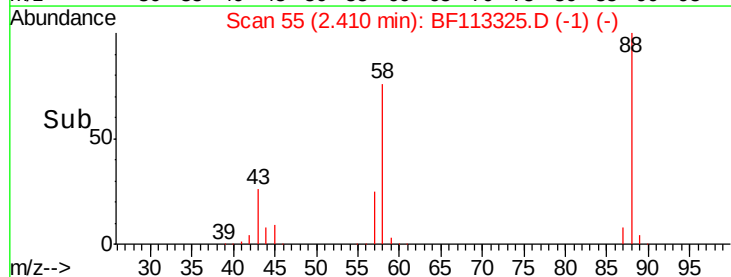
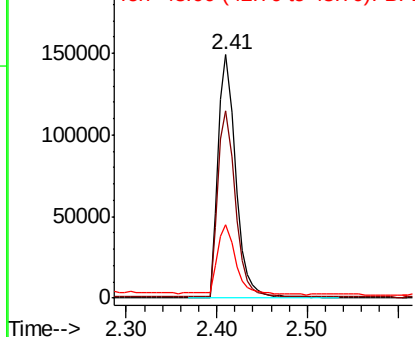
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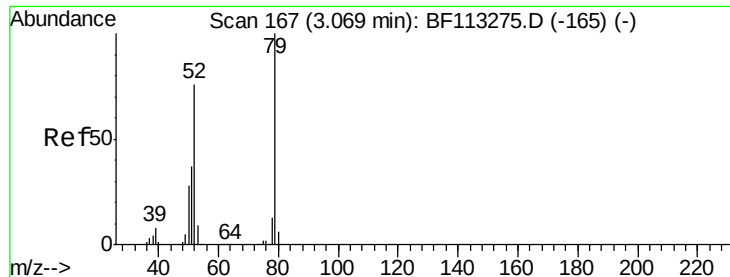
1,4-Dioxane
Concen: 38.397 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 88 Resp: 202401
Ion Ratio Lower Upper
88 100
58 75.3 61.9 92.9
43 30.2 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: 40.141 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.05 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

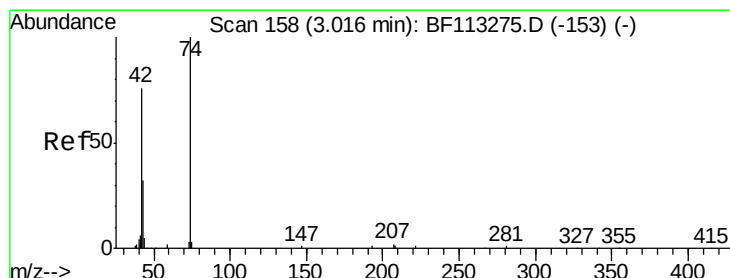
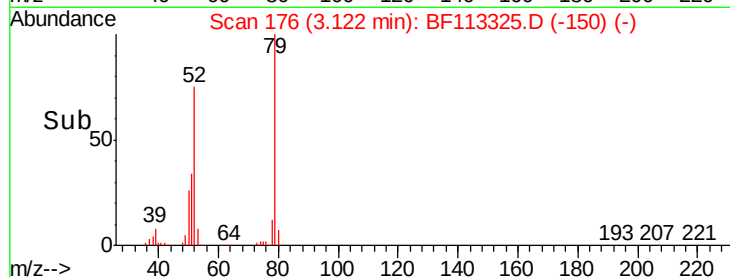
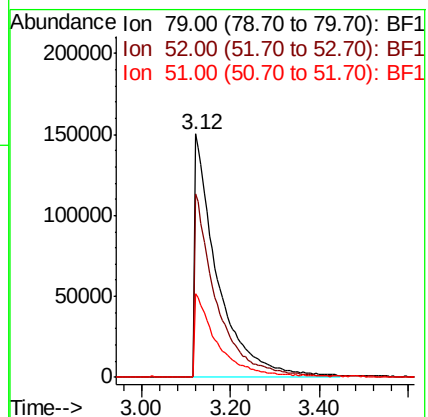
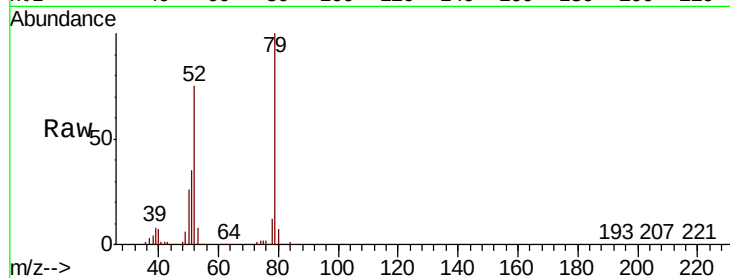
Tgt Ion: 79 Resp: 521635

Ion Ratio Lower Upper

79 100

52 75.2 61.0 91.4

51 34.6 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 40.953 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.04 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

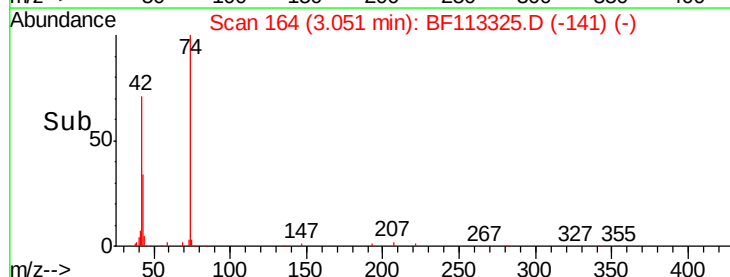
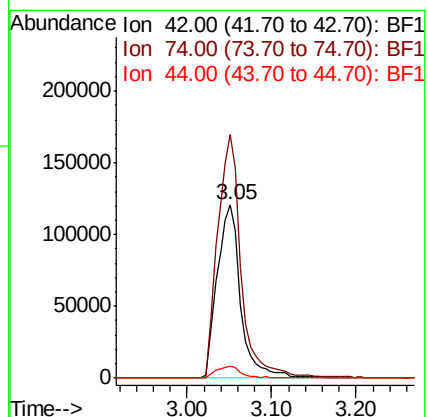
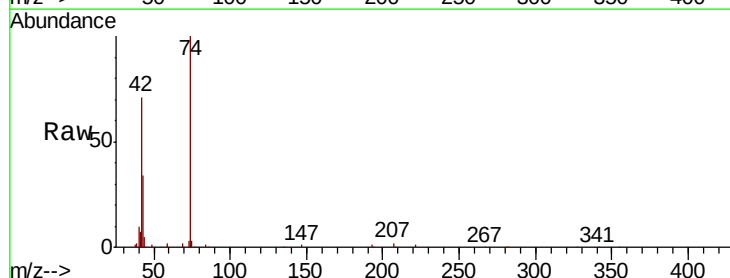
Tgt Ion: 42 Resp: 236584

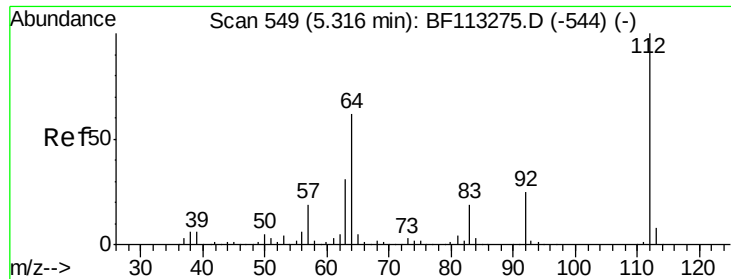
Ion Ratio Lower Upper

42 100

74 140.3 102.4 153.6

44 7.0 5.5 8.3

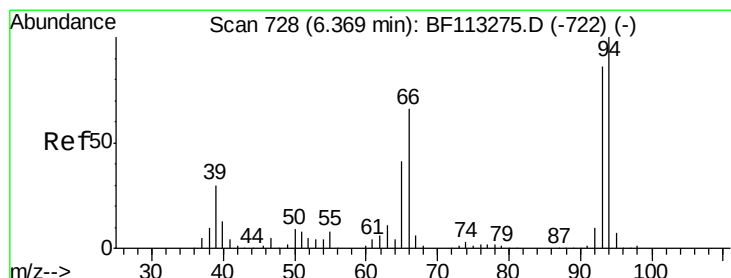
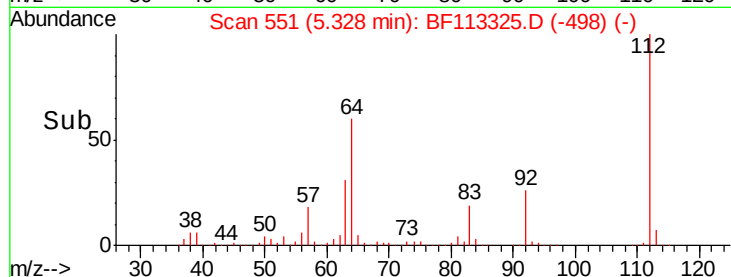
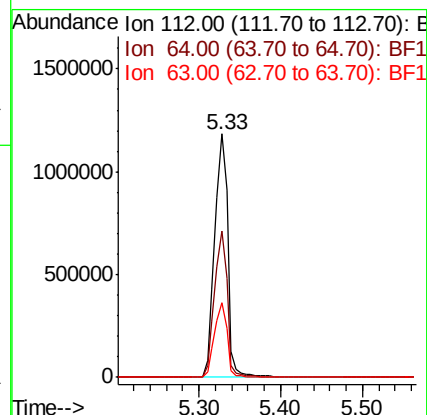
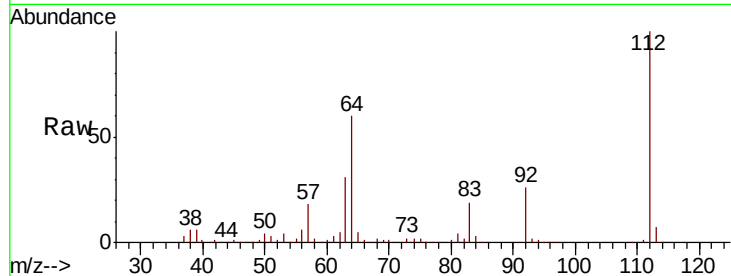




#5
 2-Fluorophenol
 Concen: 127.786 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

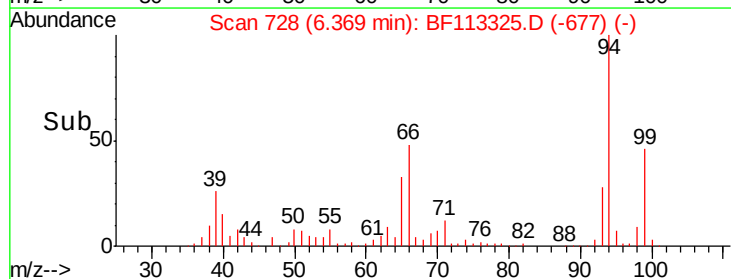
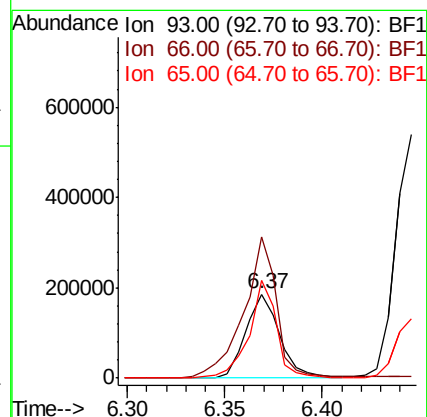
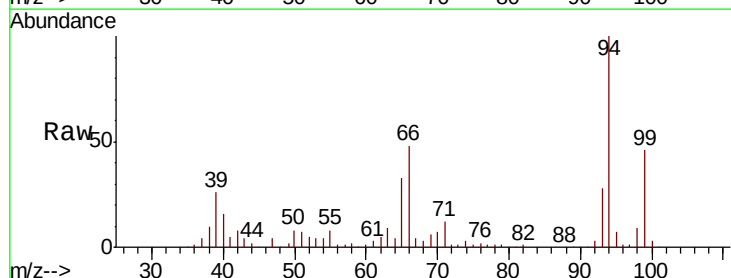
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

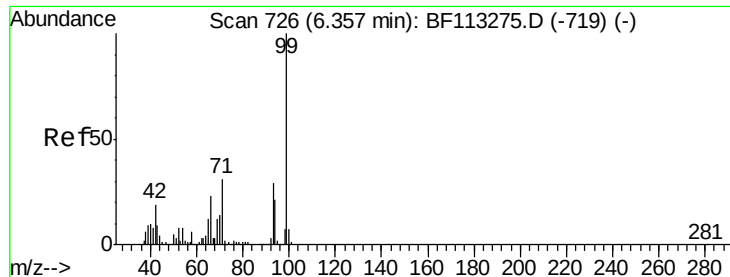
Tgt Ion: 112 Resp: 1327629
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.2 73.8
 63 30.8 24.9 37.3



#6
 Aniline
 Concen: 14.027 ng
 RT: 6.37 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion: 93 Resp: 224516
 Ion Ratio Lower Upper
 93 100
 66 169.0 62.1 93.1#
 65 116.4 38.7 58.1#





#7

Phenol-d6

Concen: 131.481 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

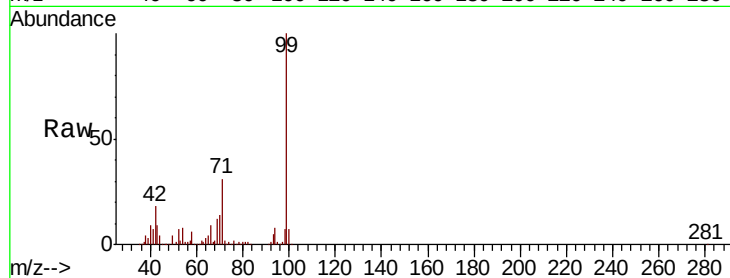
Tgt Ion: 99 Resp: 1728082

Ion Ratio Lower Upper

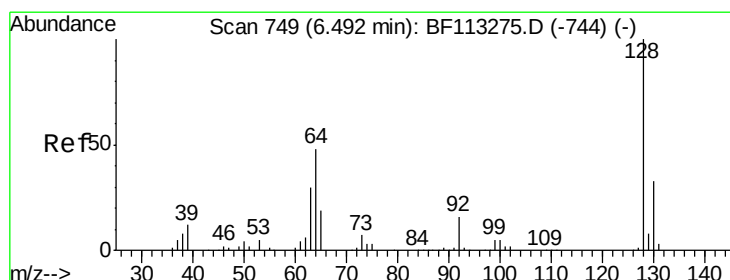
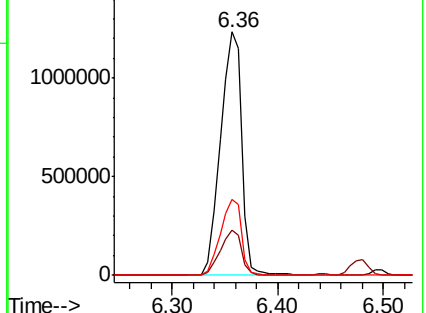
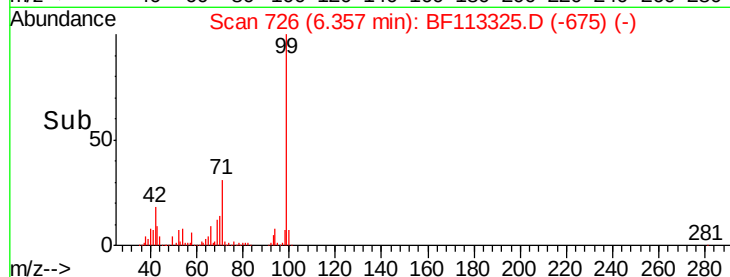
99 100

42 18.4 14.8 22.2

71 31.4 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: 41.057 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

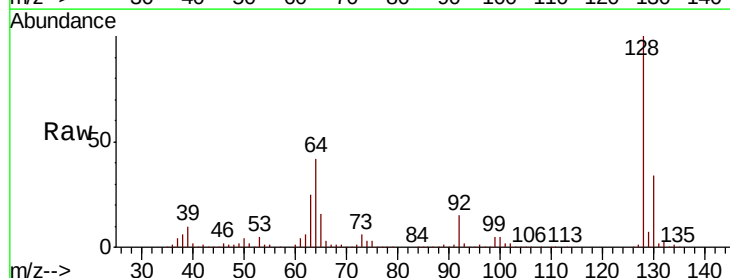
Tgt Ion: 128 Resp: 495349

Ion Ratio Lower Upper

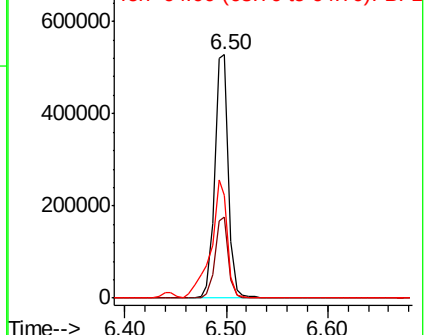
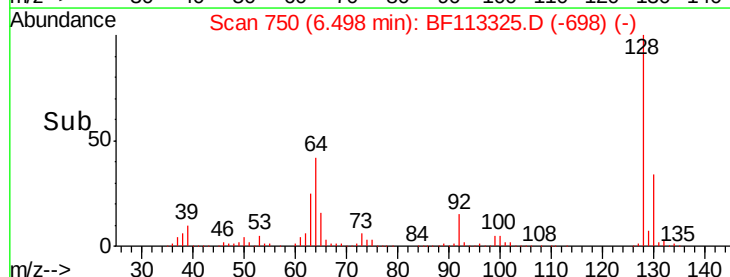
128 100

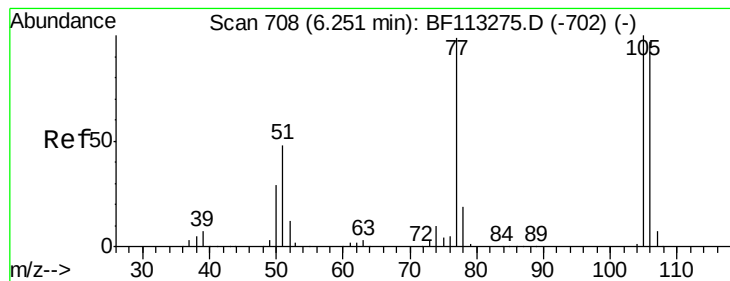
130 33.5 12.6 52.6

64 42.4 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: 19.006 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

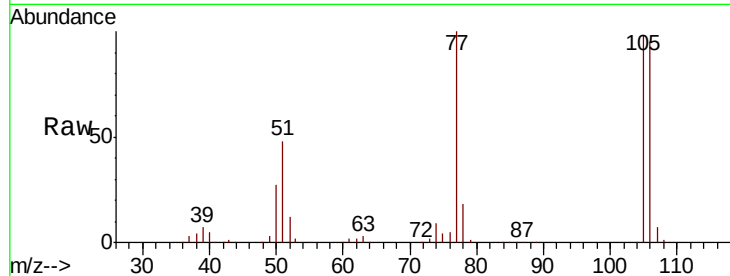
Tgt Ion: 77 Resp: 167626

Ion Ratio Lower Upper

77 100

105 97.7 80.9 120.9

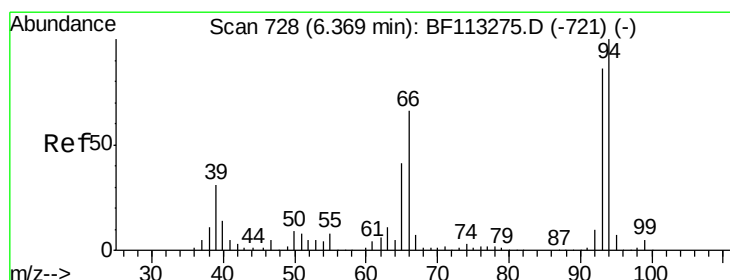
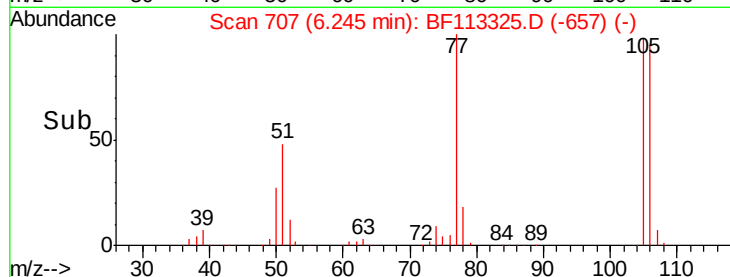
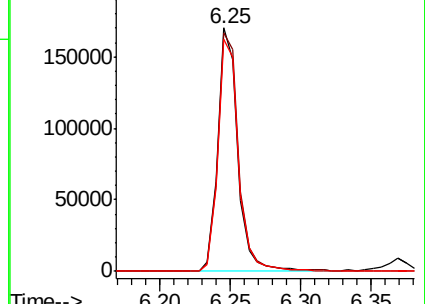
106 95.2 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.402 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

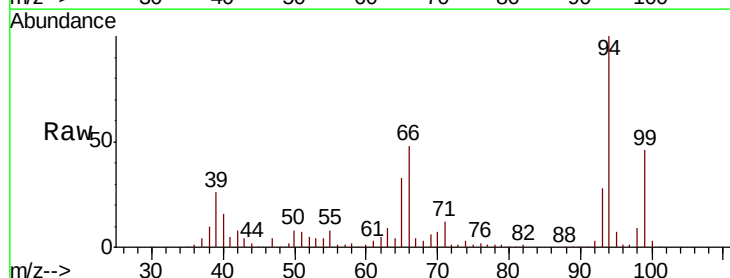
Tgt Ion: 94 Resp: 606230

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

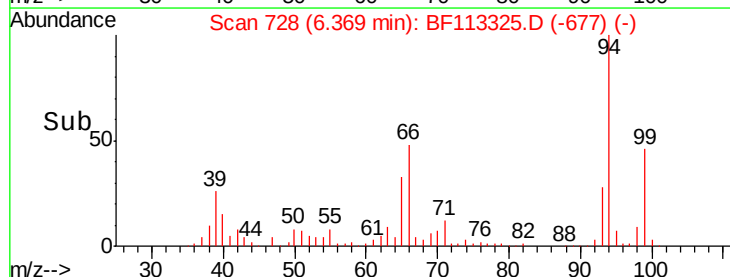
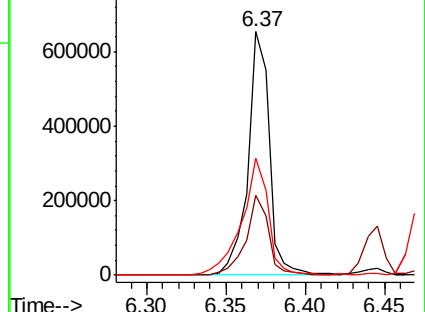
66 48.0 46.4 86.4

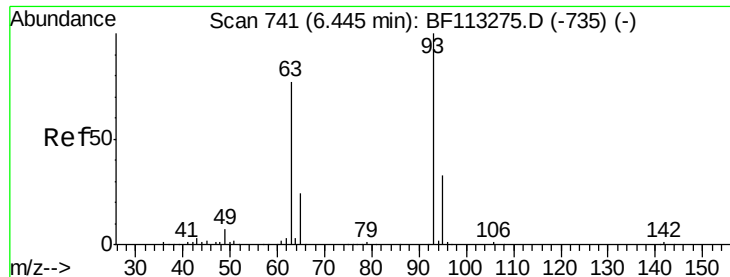


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

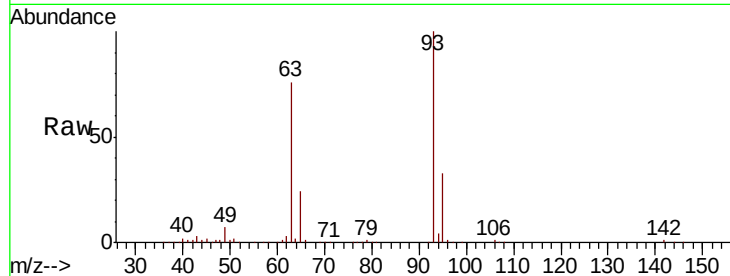




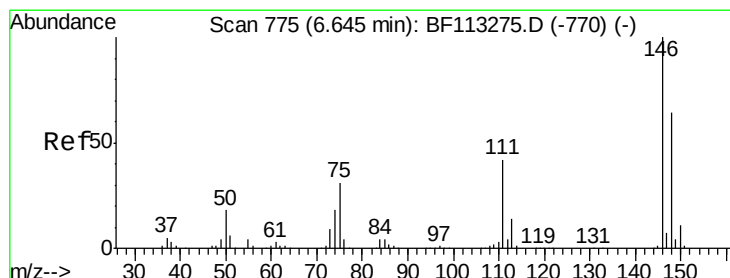
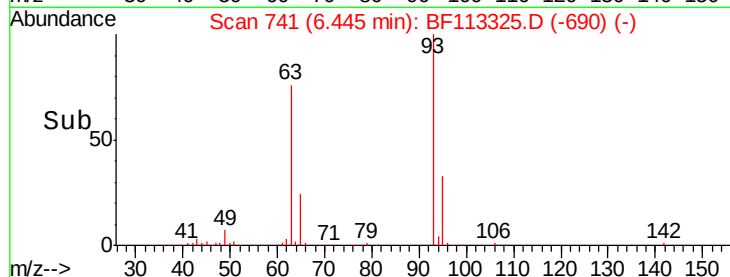
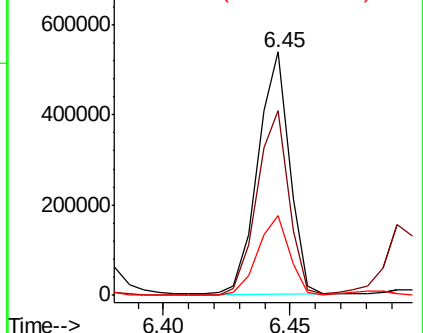
#11
bis(2-Chloroethyl)ether
Concen: 40.788 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 93 Resp: 469132
Ion Ratio Lower Upper
93 100
63 75.7 56.1 96.1
95 32.9 12.8 52.8

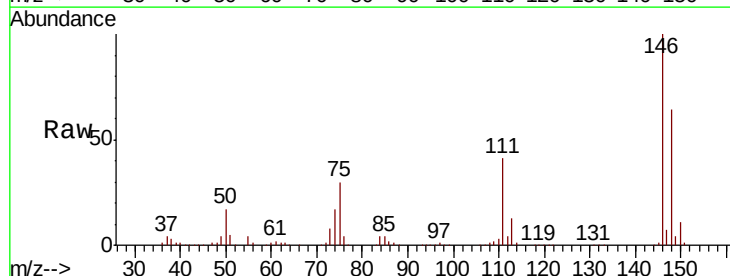


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

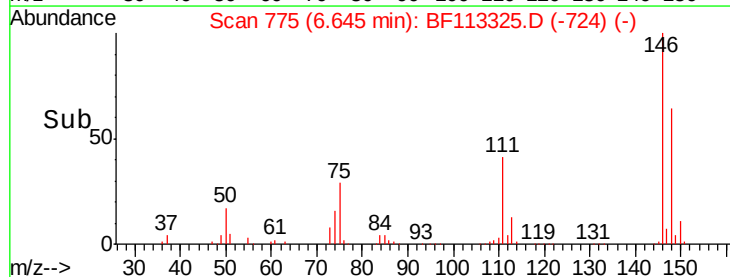
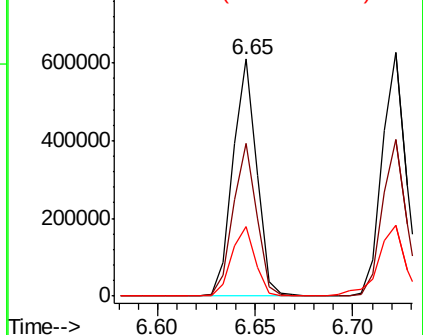


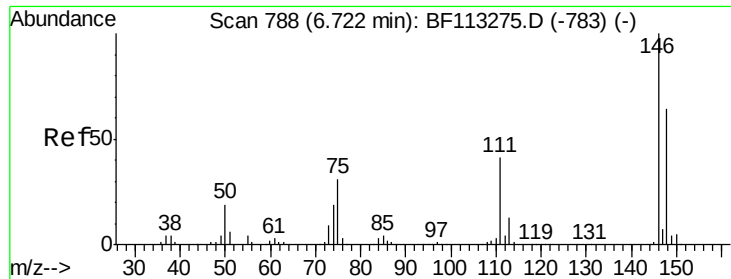
#12
1,3-Dichlorobenzene
Concen: 39.463 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 146 Resp: 513219
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 29.5 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

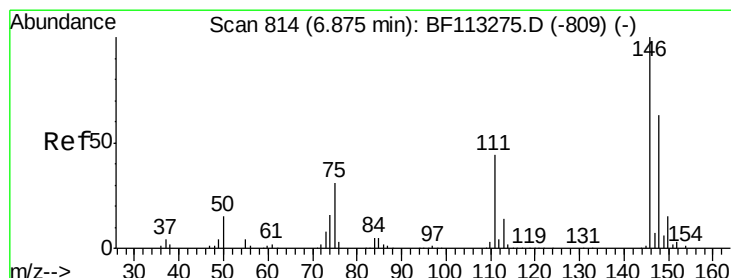
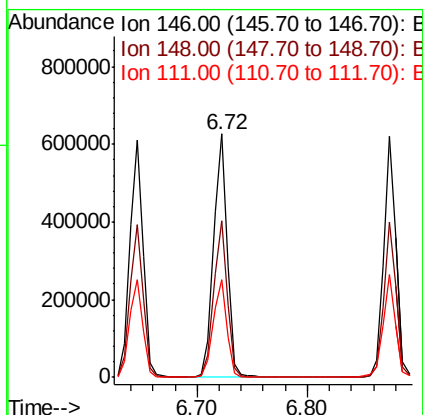
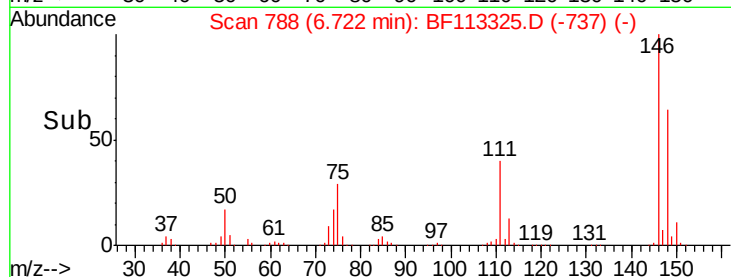
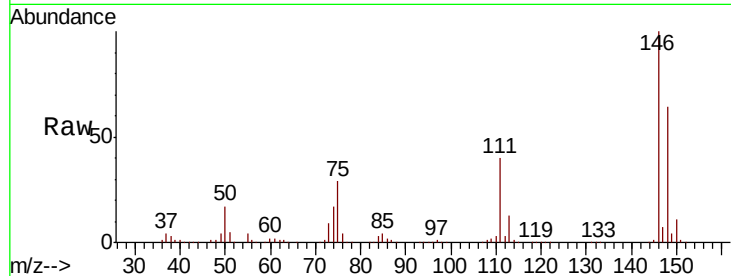




#13
 1,4-Dichlorobenzene
 Concen: 42.112 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

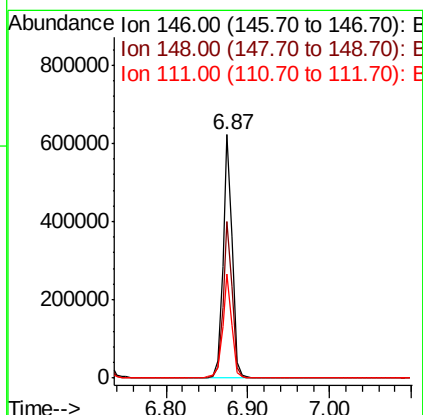
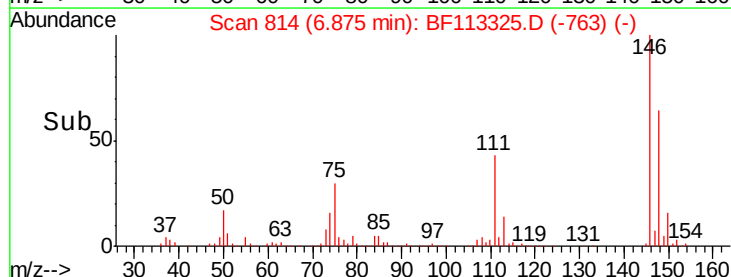
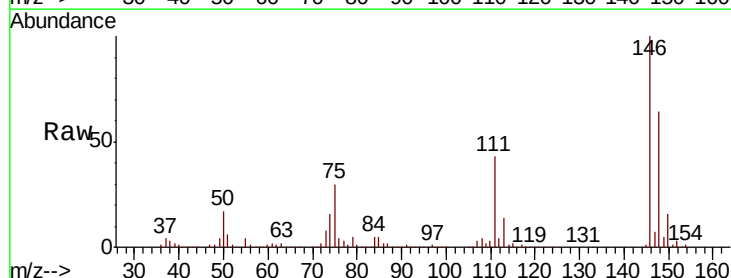
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

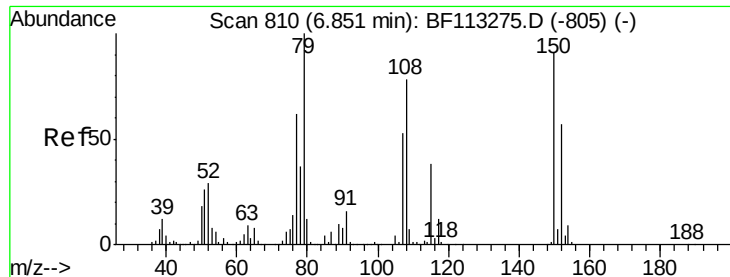
Tgt Ion:146 Resp: 528791
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 40.1 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.394 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:146 Resp: 486648
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.2 75.4
 111 42.6 35.4 53.2

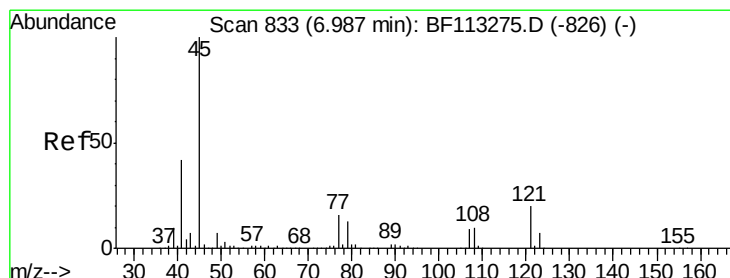
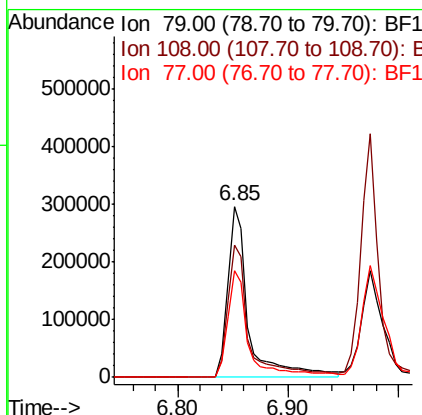
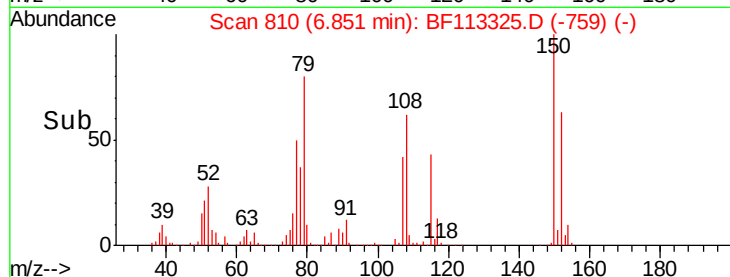
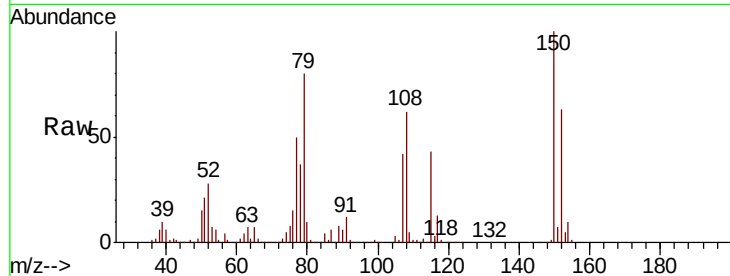




#15
Benzyl Alcohol
Concen: 45.475 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

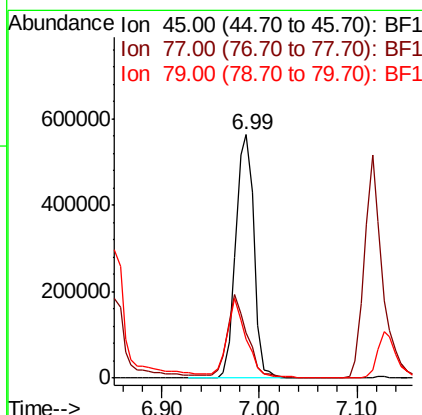
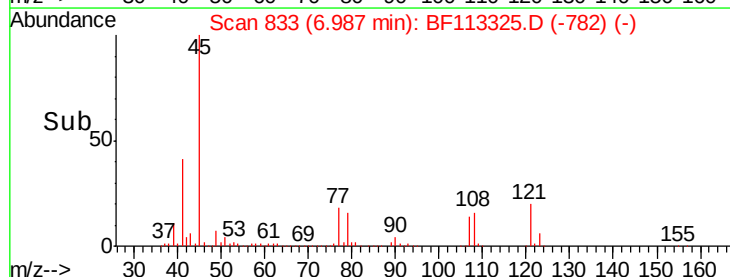
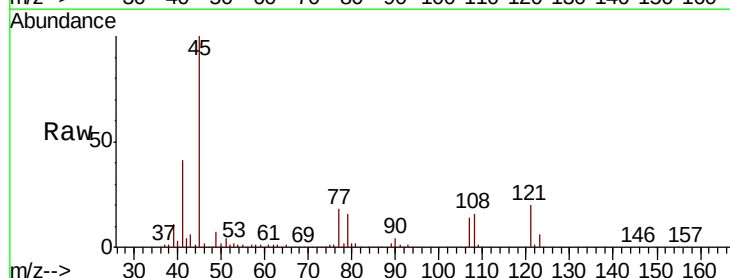
Instrument :
BNA_F
ClientSampleId :
S-1MS

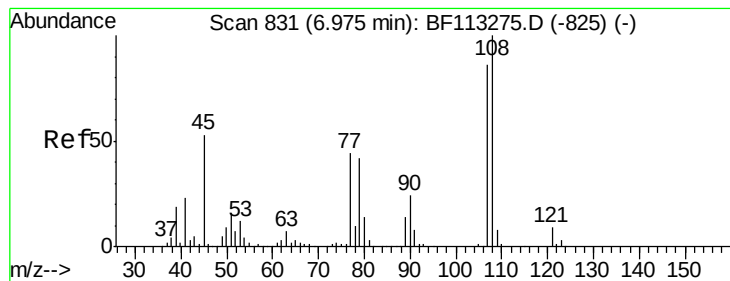
Tgt Ion: 79 Resp: 394300
Ion Ratio Lower Upper
79 100
108 77.5 62.0 93.0
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.012 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 45 Resp: 725908
Ion Ratio Lower Upper
45 100
77 18.4 0.0 36.6
79 15.9 0.0 34.0





#17

2-Methylphenol

Concen: 43.840 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tgt Ion:107 Resp: 414506

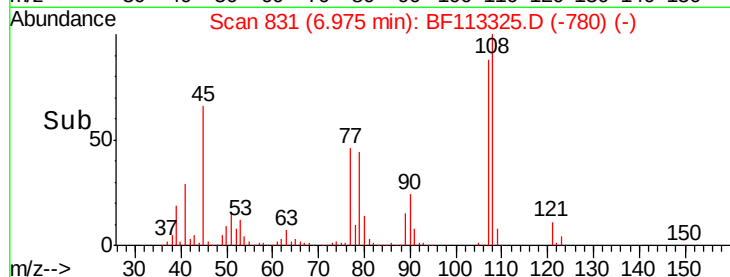
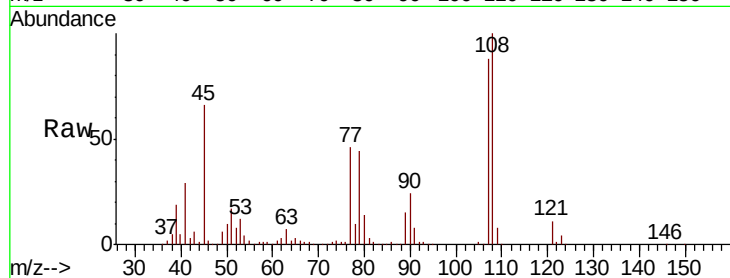
Ion Ratio Lower Upper

107 100

108 113.9 93.4 140.0

77 52.1 41.2 61.8

79 50.0 40.1 60.1

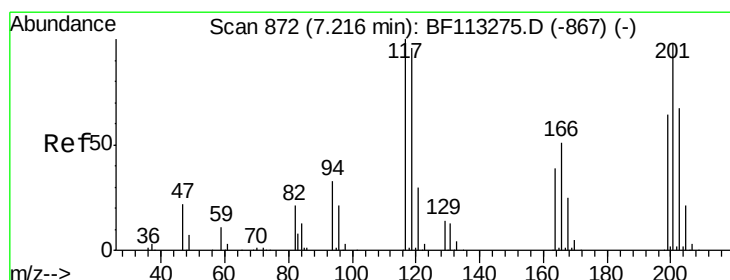
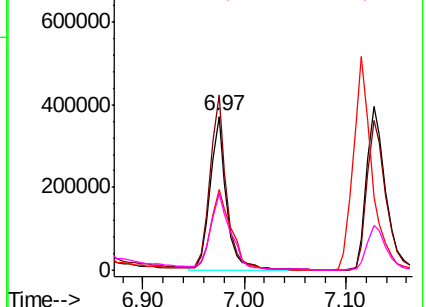


Abundance Ion 107.00 (106.70 to 107.70): E

800000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.894 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

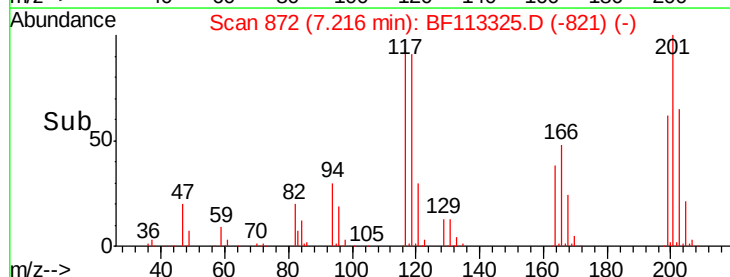
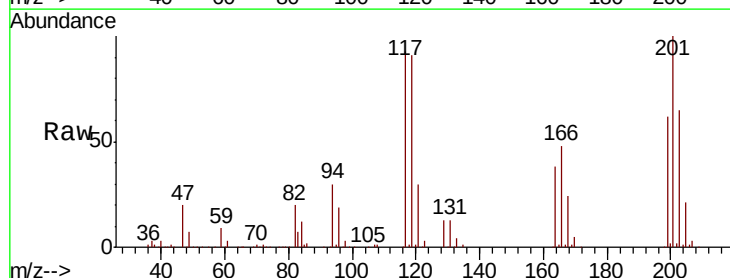
Tgt Ion:117 Resp: 184435

Ion Ratio Lower Upper

117 100

119 98.0 76.9 115.3

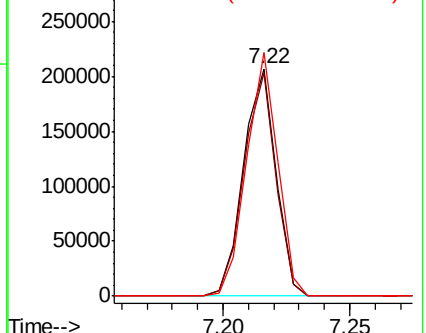
201 107.2 78.7 118.1

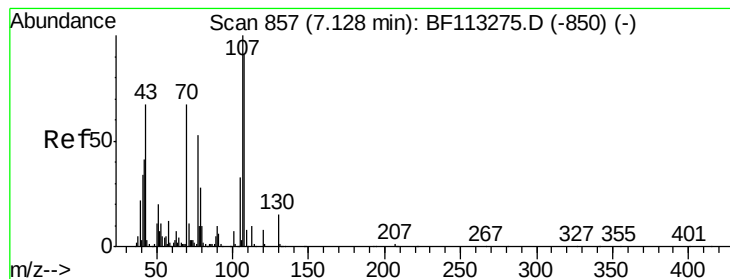


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.344 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tgt Ion: 70 Resp: 333073

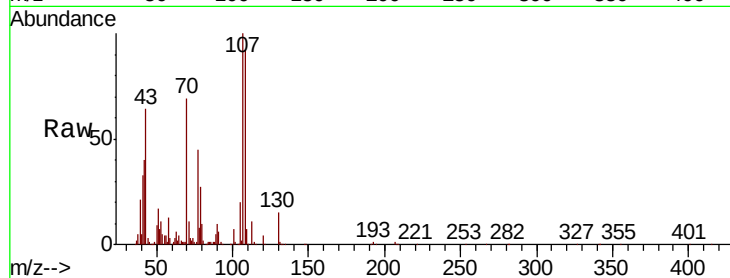
Ion Ratio Lower Upper

70 100

42 57.5 48.4 72.6

101 9.4 7.8 11.8

130 22.2 18.2 27.4

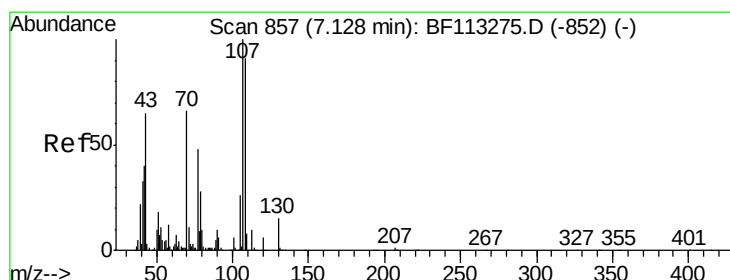
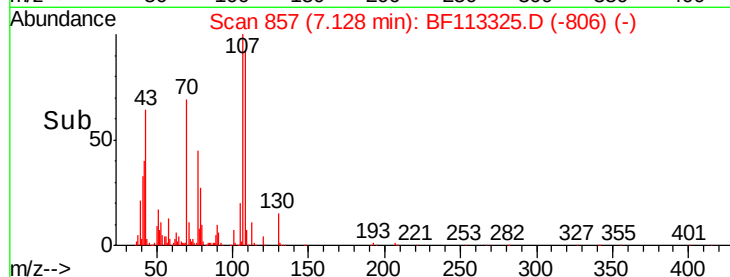
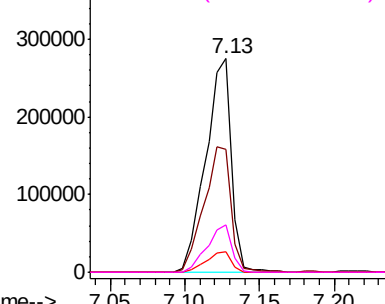


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 48.087 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion: 107 Resp: 516666

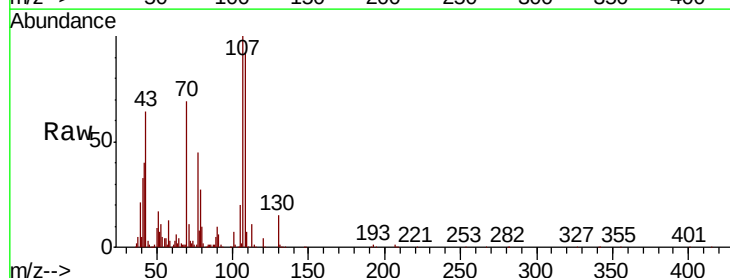
Ion Ratio Lower Upper

107 100

108 91.8 71.4 111.4

77 44.9 33.5 73.5

79 27.3 8.3 48.3

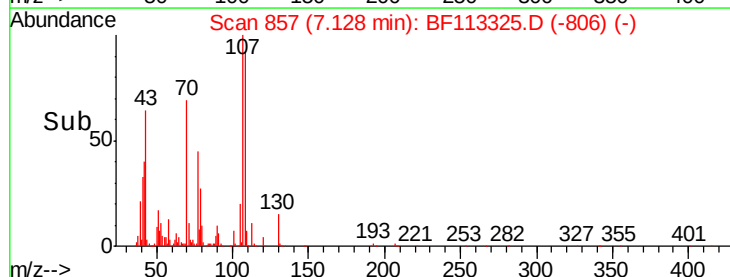
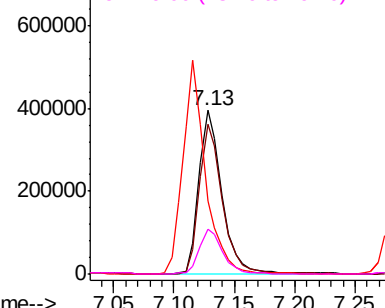


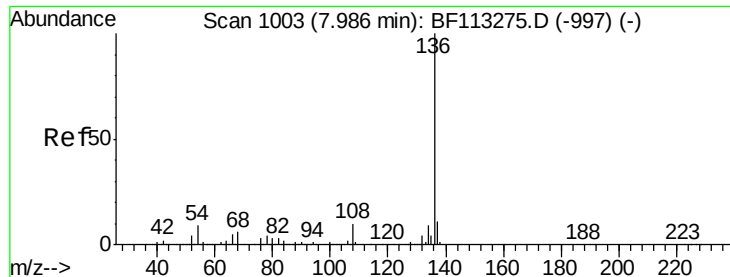
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

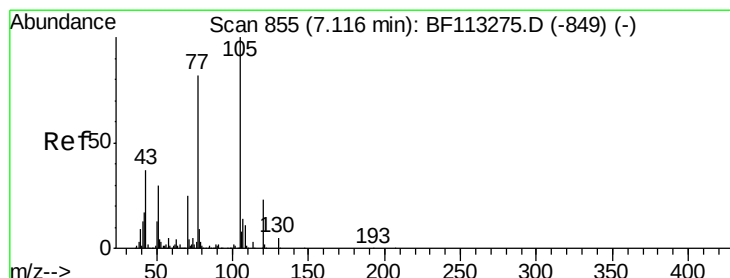
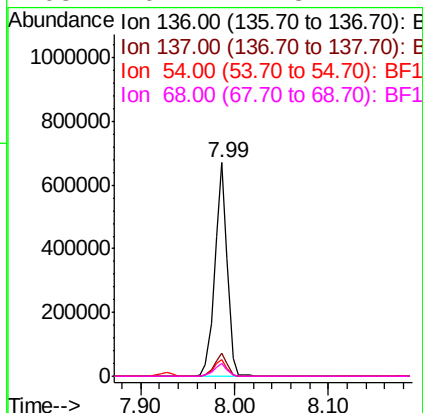
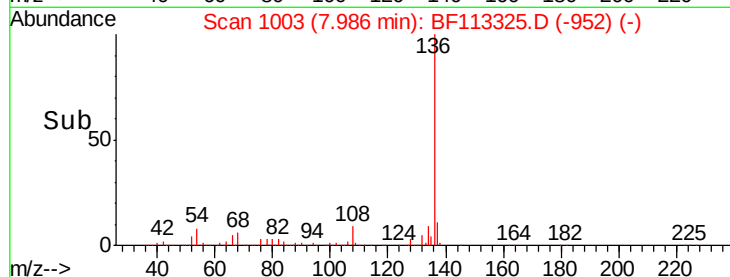
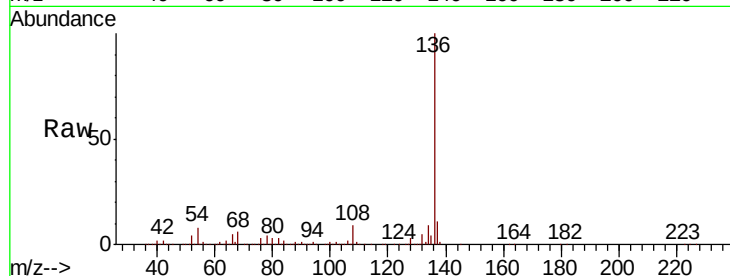




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

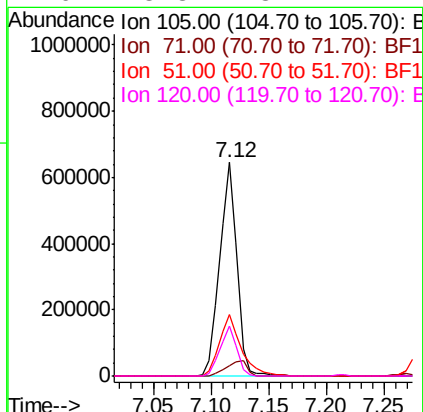
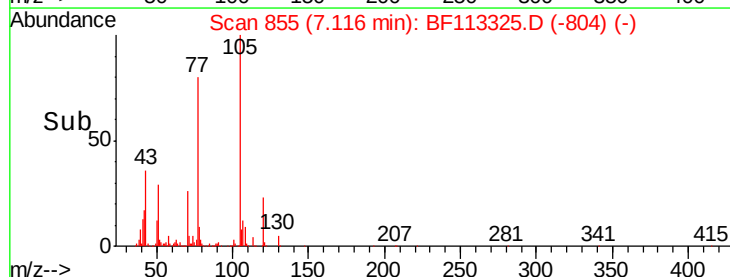
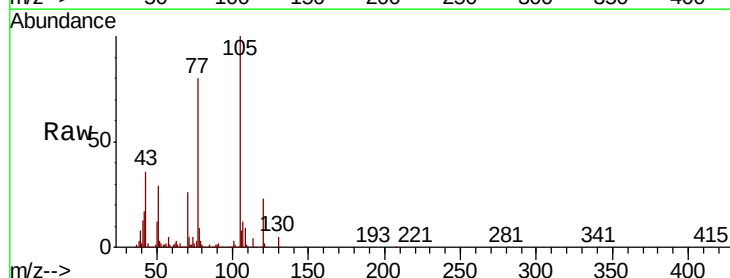
Instrument :
BNA_F
ClientSampleId :
S-1MS

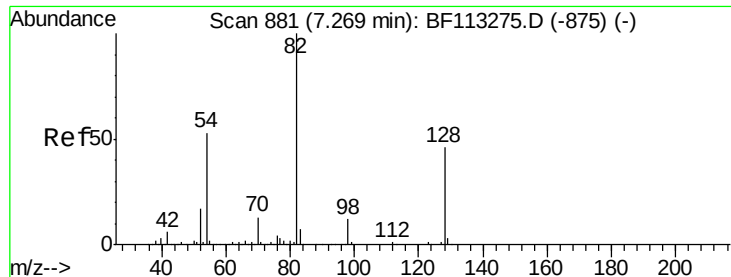
Tgt Ion:	136	Resp:	622028
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.9	7.0	10.6
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 47.218 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:	105	Resp:	669822
Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.3	4.9
51	28.8	24.2	36.2
120	23.3	18.1	27.1

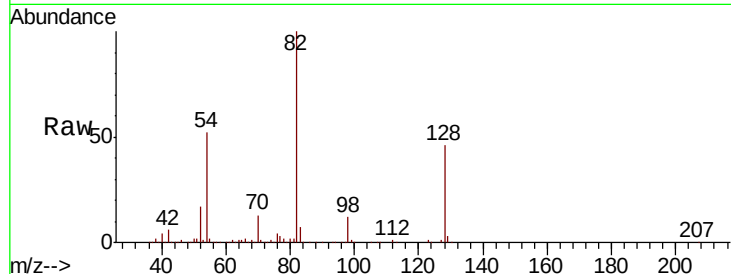




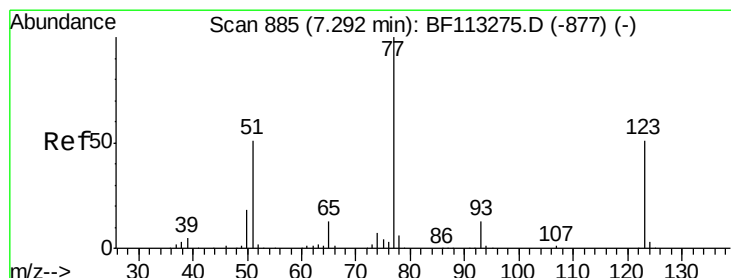
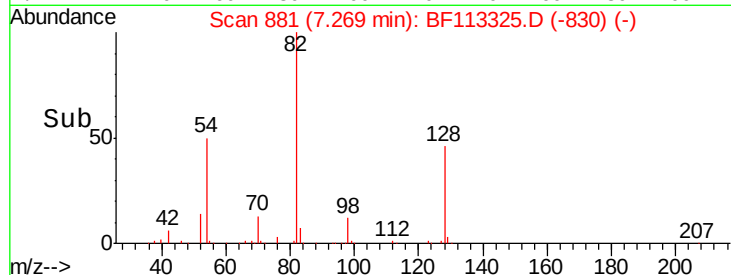
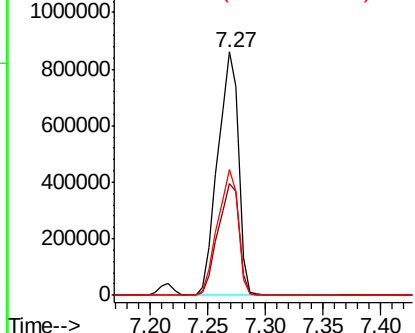
#23
 Nitrobenzene-d5
 Concen: 102.439 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion: 82 Resp: 1073558
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.5 54.7
 54 51.7 42.2 63.2

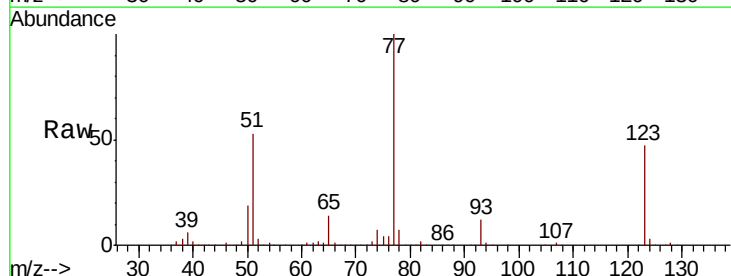


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

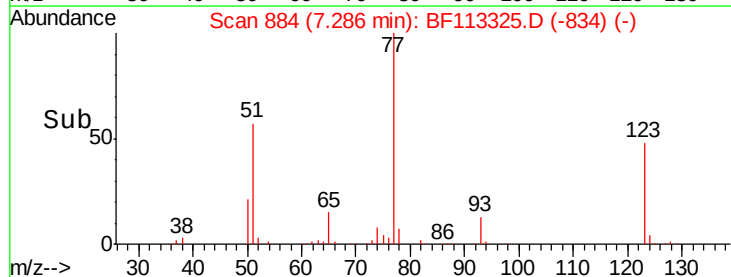
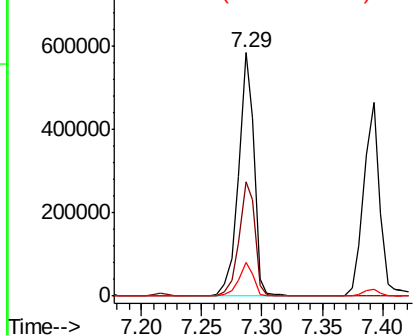


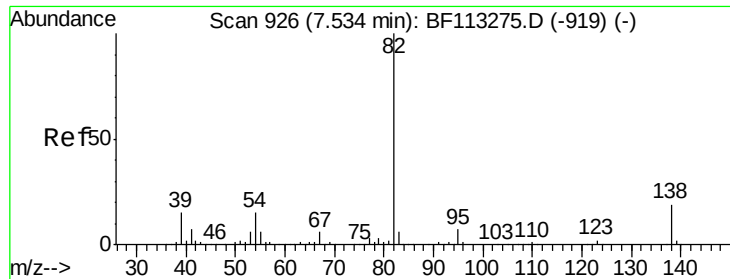
#24
 Nitrobenzene
 Concen: 47.751 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion: 77 Resp: 522209
 Ion Ratio Lower Upper
 77 100
 123 47.1 40.8 61.2
 65 13.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

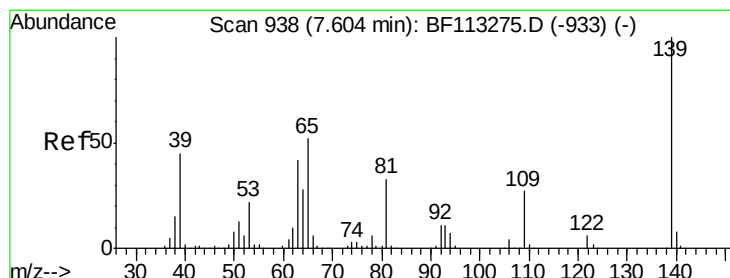
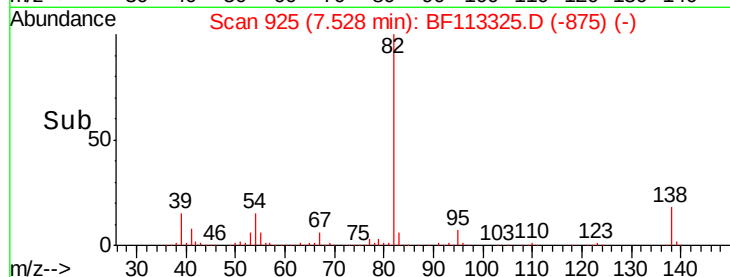
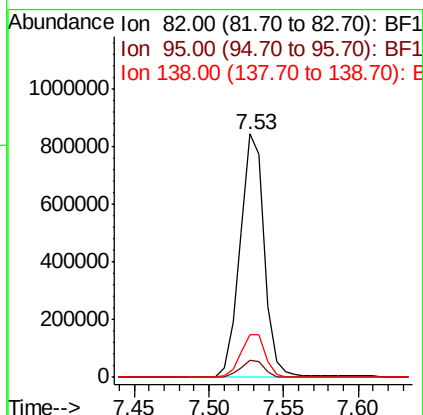
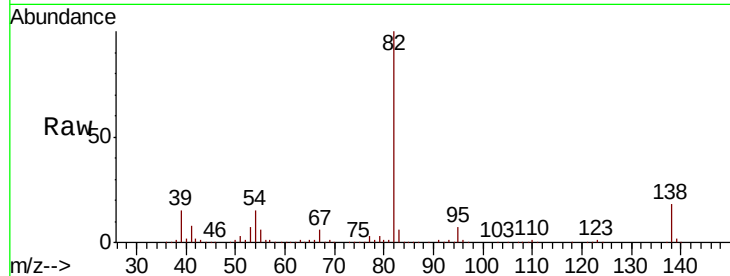




#25
Isophorone
Concen: 46.885 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

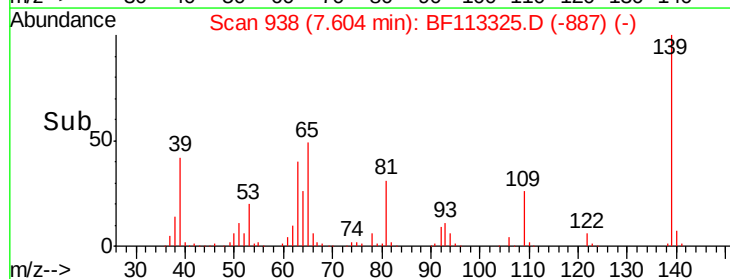
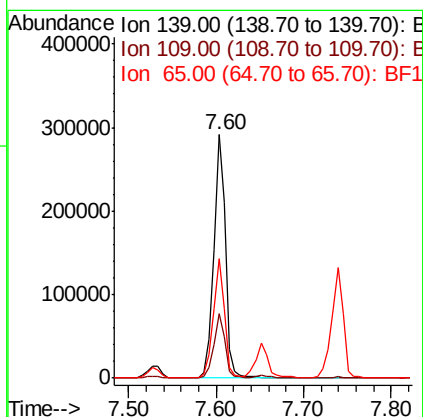
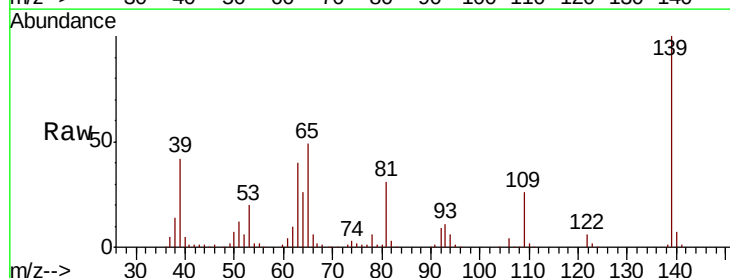
Instrument :
BNA_F
ClientSampleId :
S-1MS

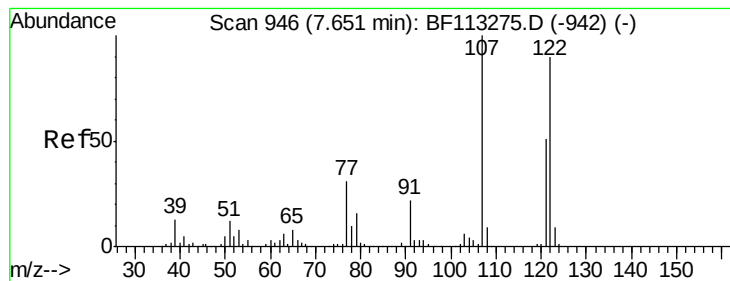
Tgt Ion: 82 Resp: 952214
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.7 15.2 22.8



#26
2-Nitrophenol
Concen: 47.119 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 139 Resp: 272373
Ion Ratio Lower Upper
139 100
109 26.3 21.7 32.5
65 48.9 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 54.332 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

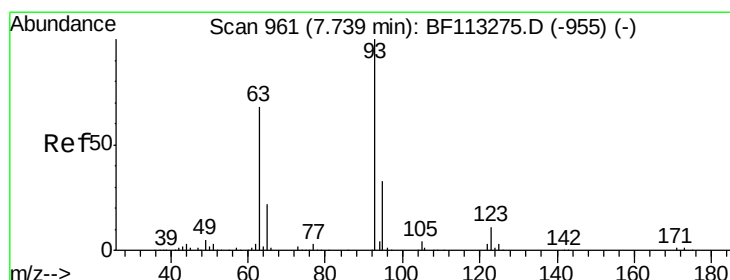
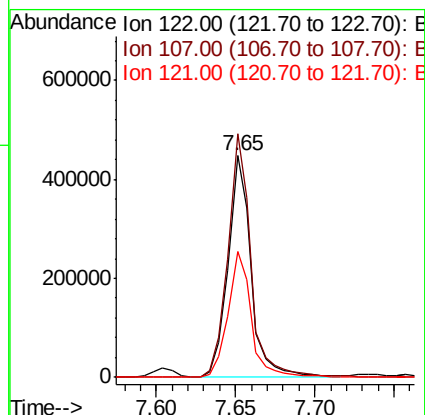
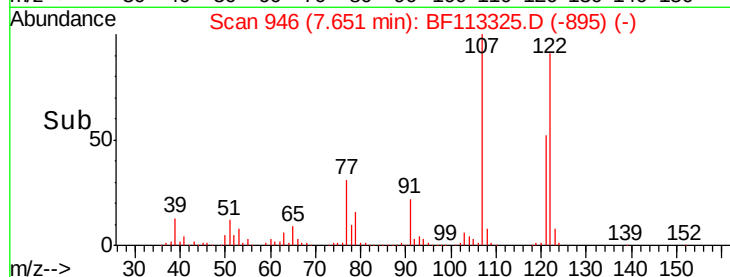
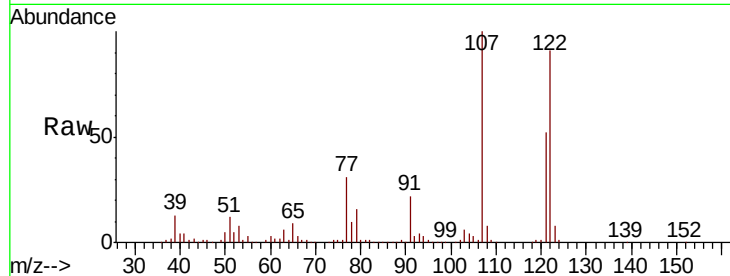
Tgt Ion:122 Resp: 451784

Ion Ratio Lower Upper

122 100

107 110.0 88.8 133.2

121 57.0 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 46.837 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

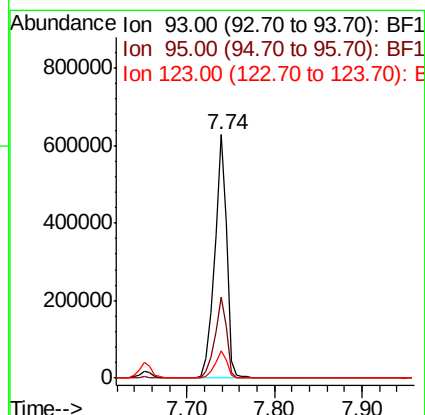
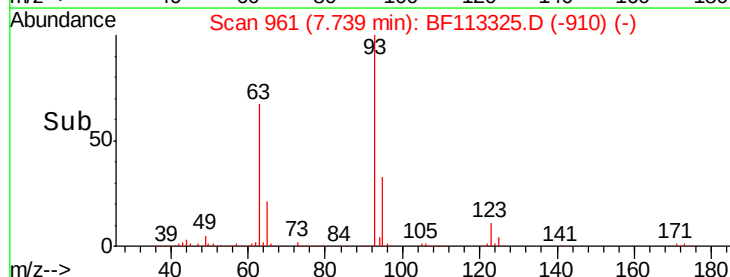
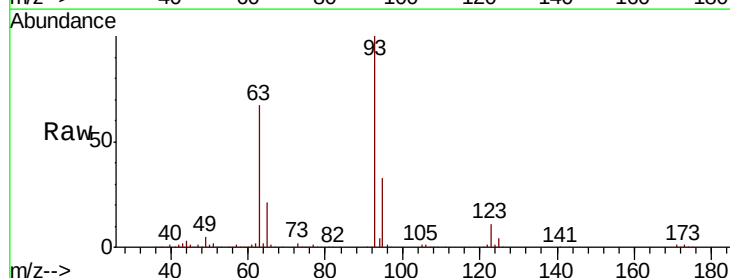
Tgt Ion: 93 Resp: 599040

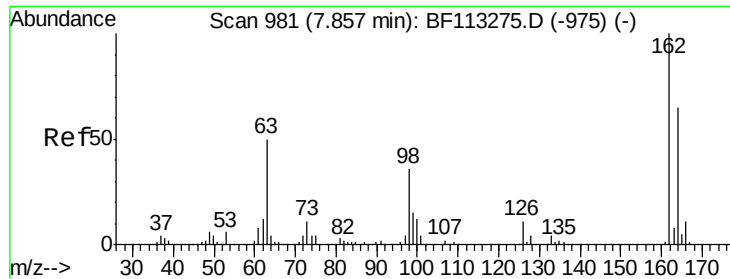
Ion Ratio Lower Upper

93 100

95 33.4 26.0 39.0

123 11.1 9.1 13.7

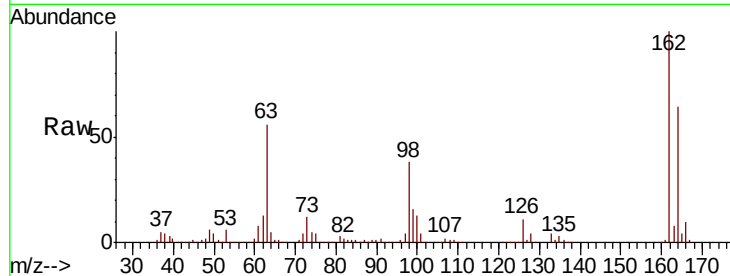




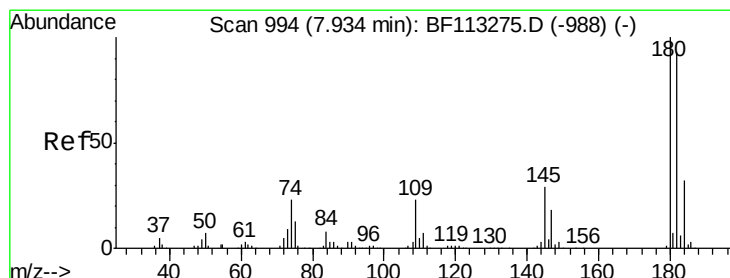
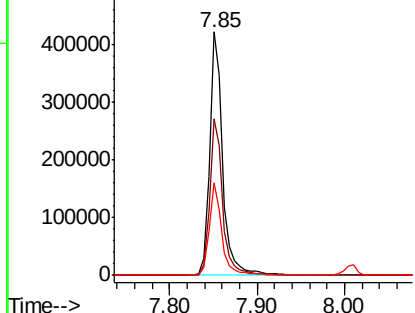
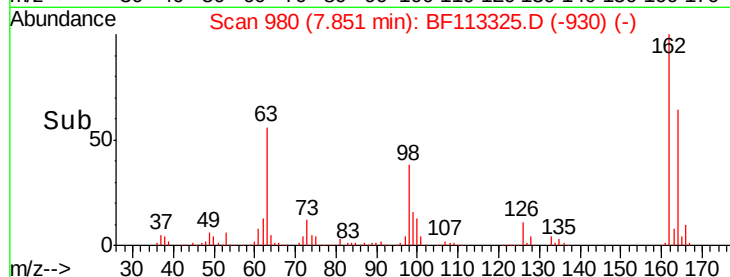
#29
2,4-Dichlorophenol
Concen: 48.125 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	38.1	15.6	55.6

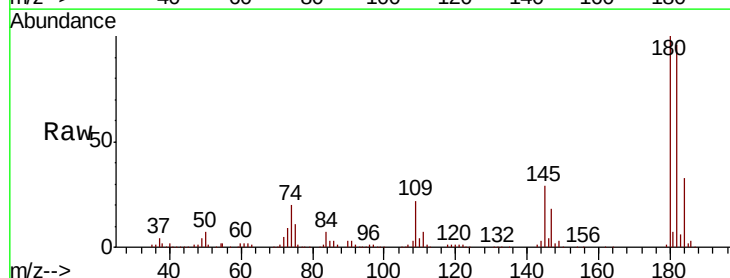


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

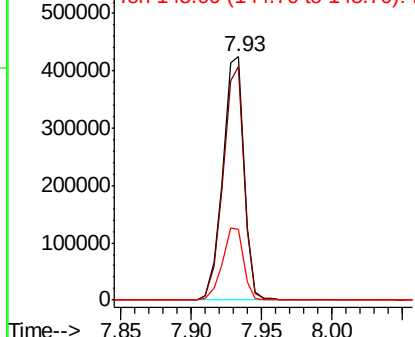
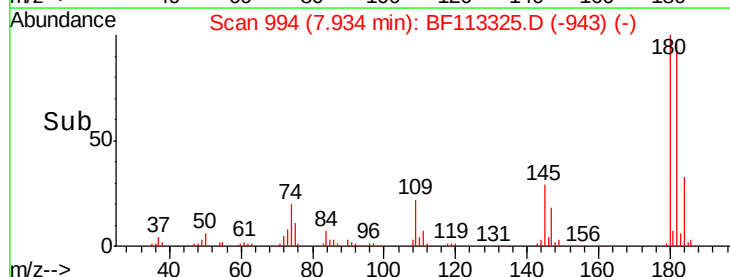


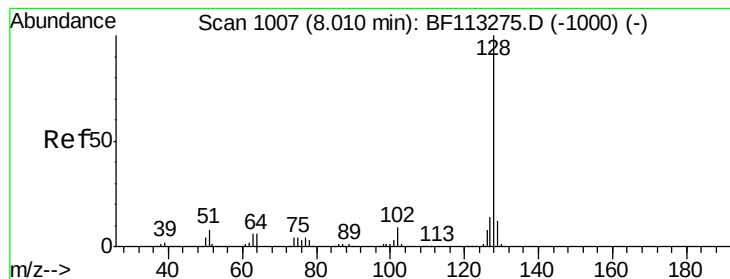
#30
1,2,4-Trichlorobenzene
Concen: 45.920 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	111.8
145	28.9	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: 46.338 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

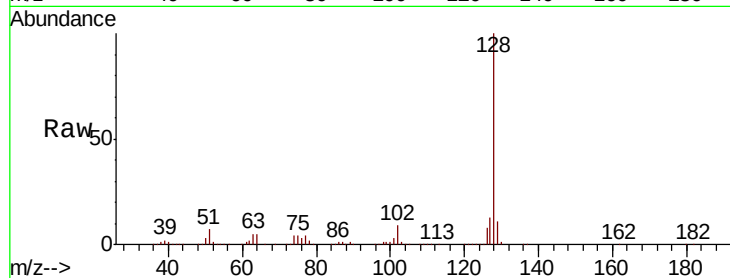
Tgt Ion:128 Resp: 1408544

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

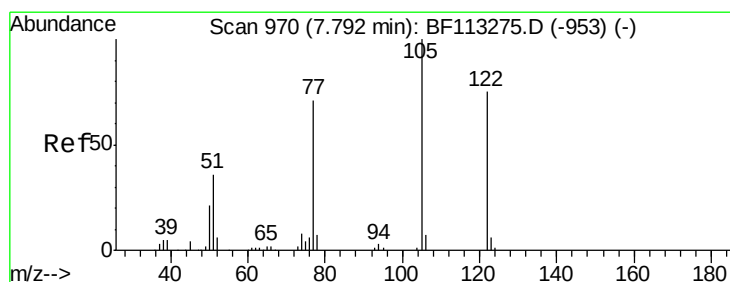
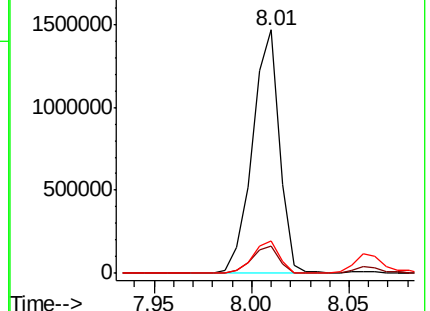
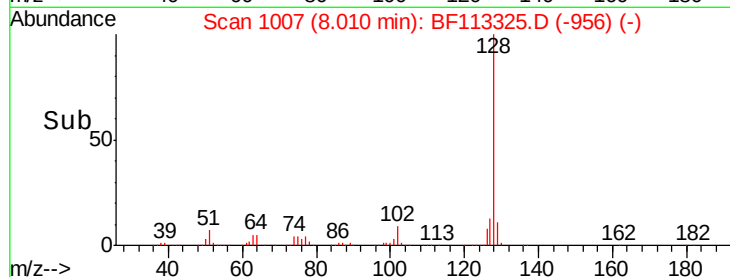
127 13.3 10.9 16.3



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: 3.381 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

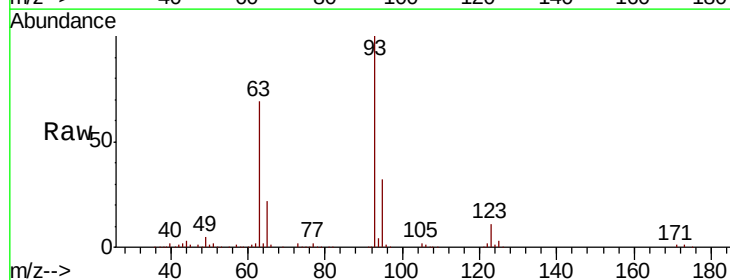
Tgt Ion:122 Resp: 22633

Ion Ratio Lower Upper

122 100

105 89.2 100.4 140.4#

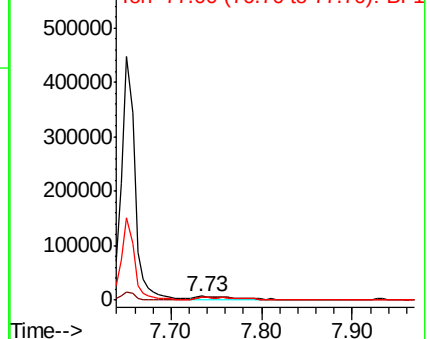
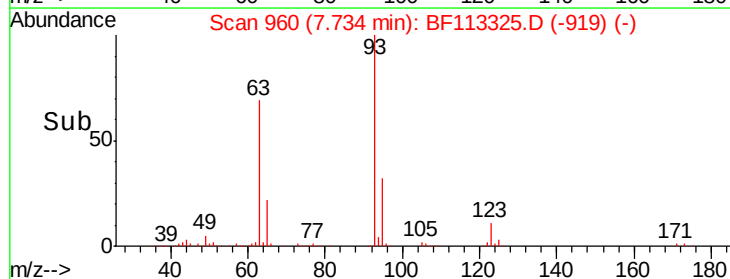
77 81.0 69.0 109.0

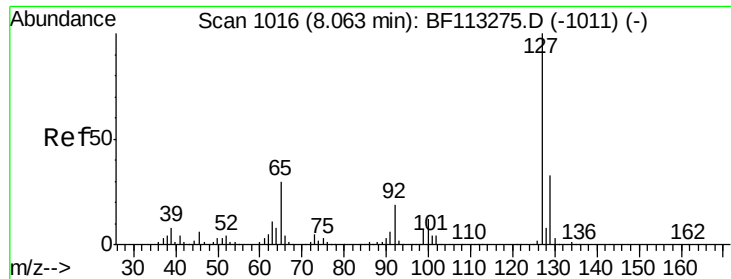


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

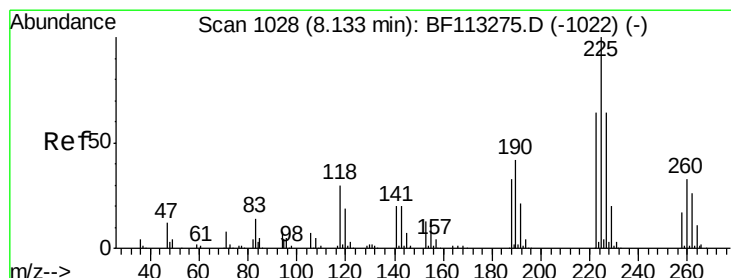
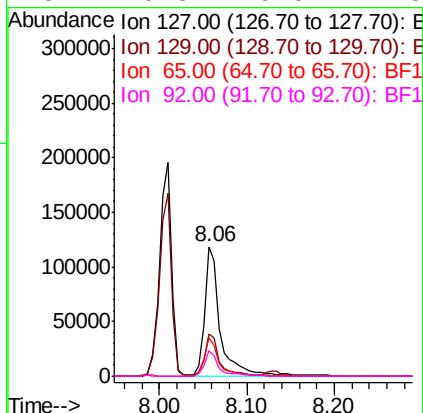
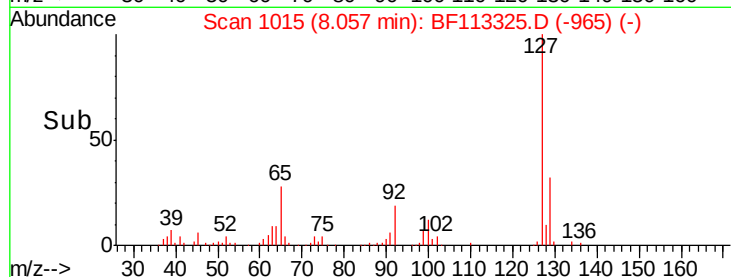
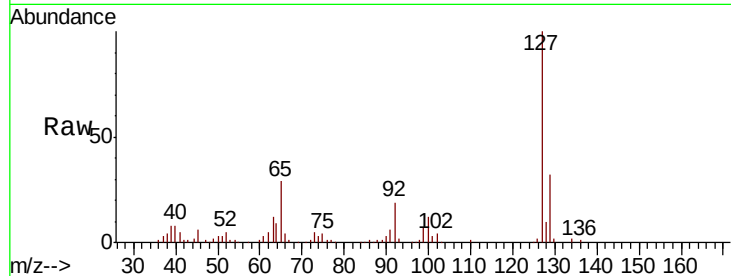




#33
4-Chloroaniline
Concen: 12.282 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

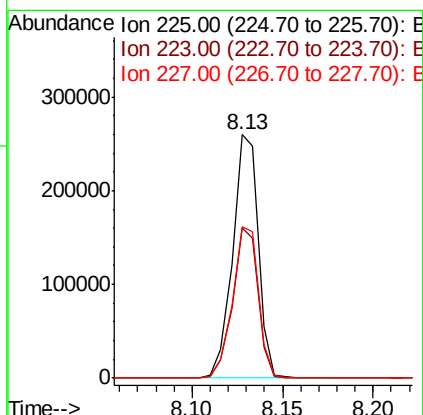
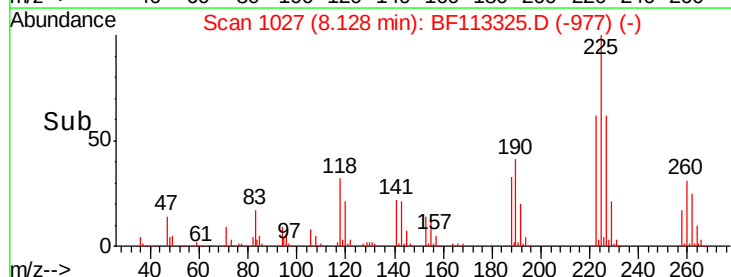
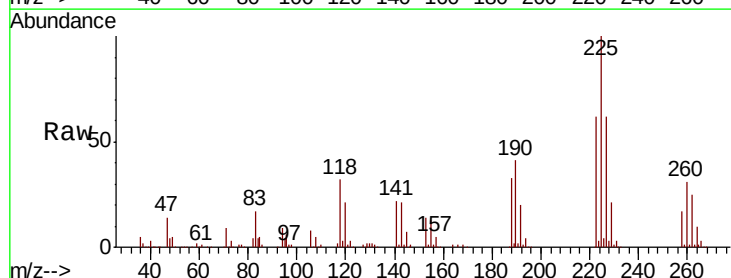
Instrument :
BNA_F
ClientSampleId :
S-1MS

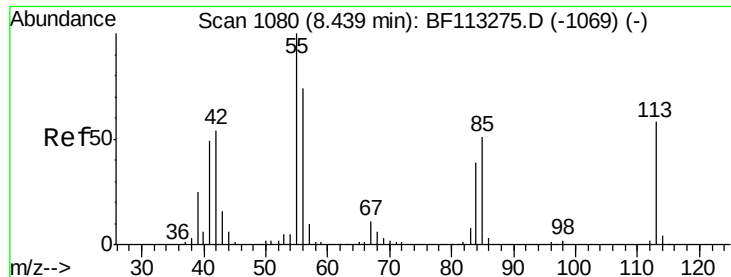
Tgt Ion:	127	Resp:	145578
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.2	24.2	36.4
92	19.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 44.202 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:	225	Resp:	255413
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.4	77.2
227	62.4	51.1	76.7

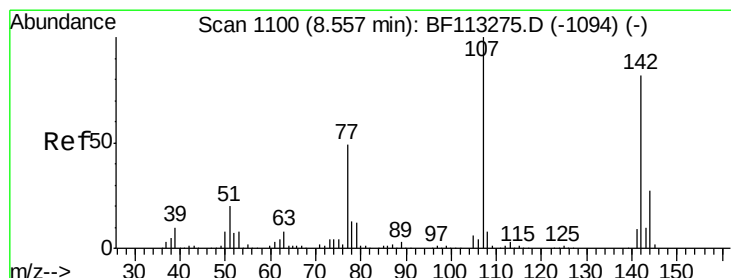
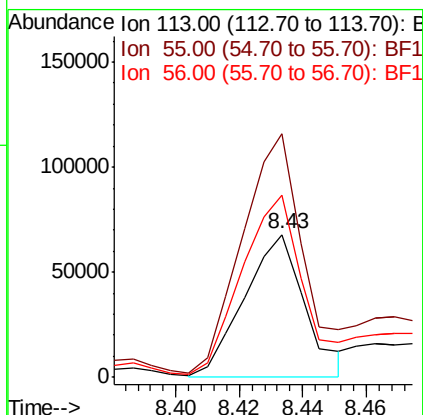
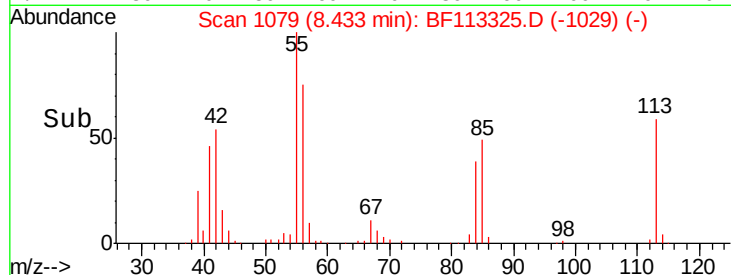
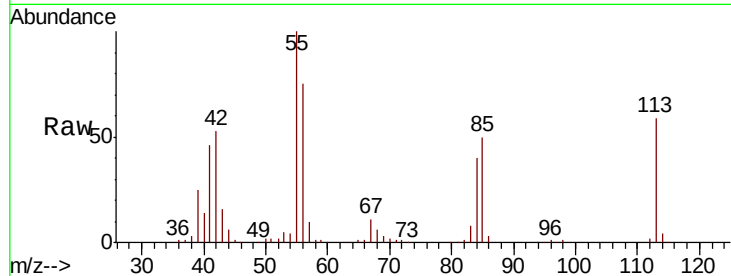




#35
 Caprolactam
 Concen: 31.037 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

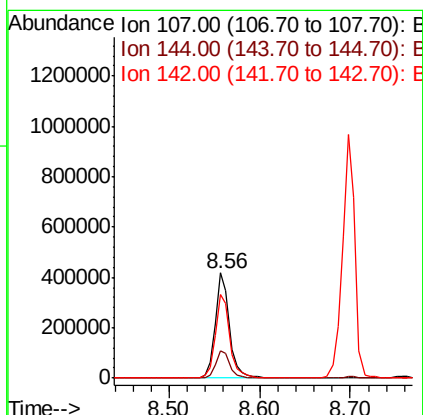
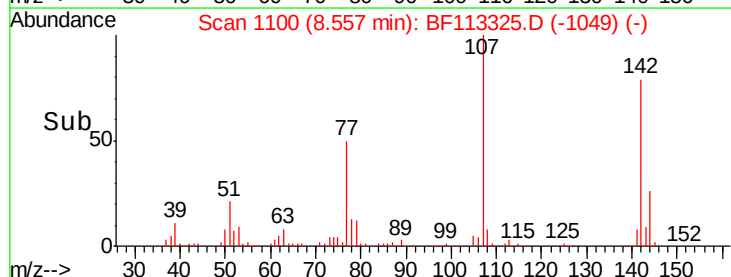
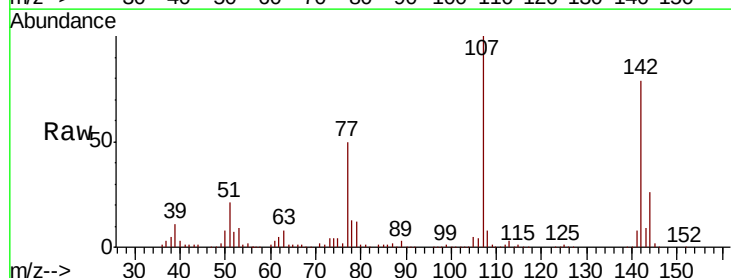
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

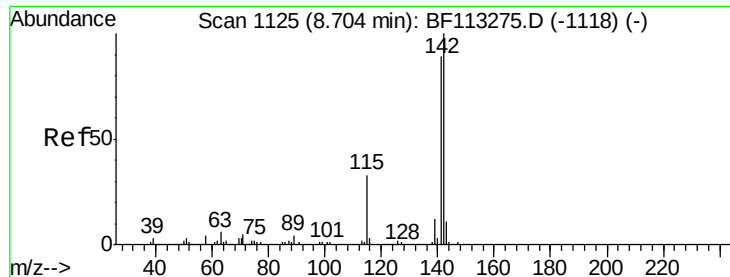
Tgt Ion:113 Resp: 89759
 Ion Ratio Lower Upper
 113 100
 55 170.5 152.7 192.7
 56 128.0 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.794 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:107 Resp: 451302
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.0
 142 79.3 65.6 98.4

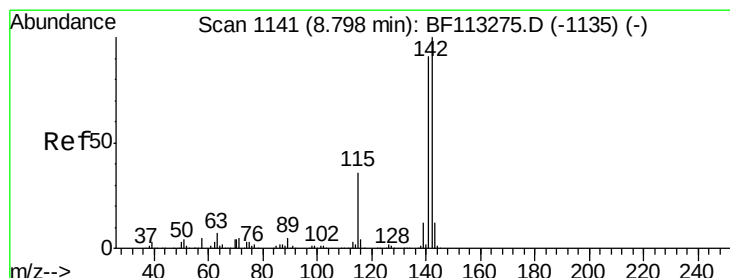
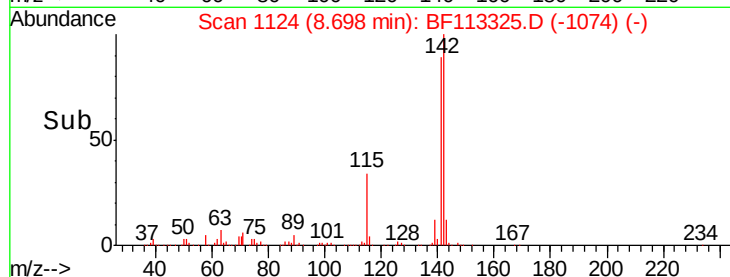
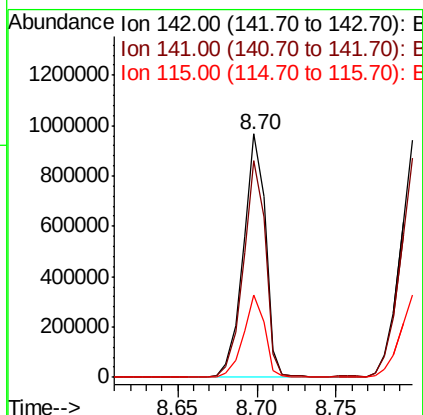
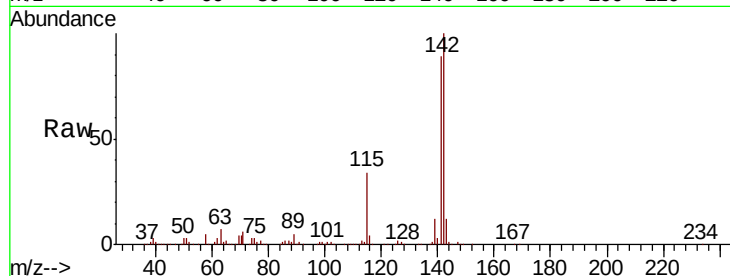




#37
 2-Methylnaphthalene
 Concen: 49.210 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

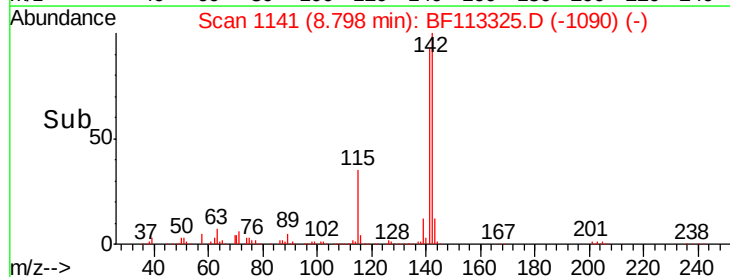
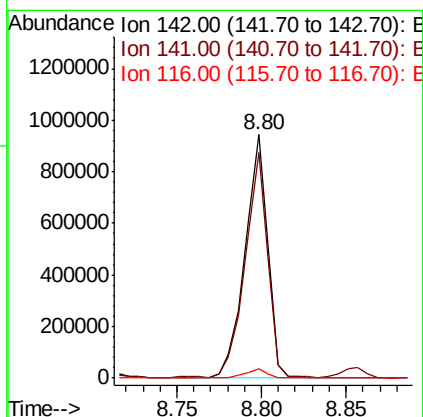
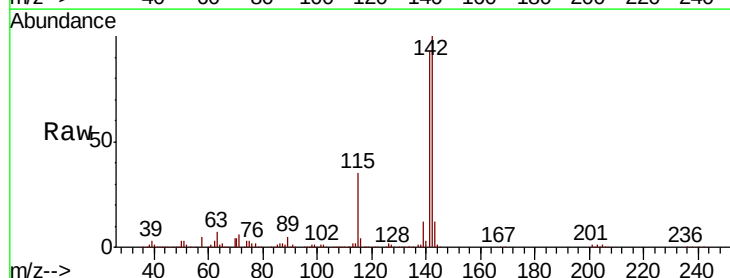
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

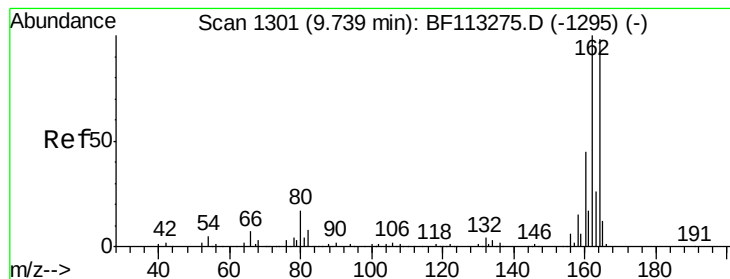
Tgt Ion:142 Resp: 933353
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 33.7 26.6 39.8



#38
 1-Methylnaphthalene
 Concen: 48.504 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:142 Resp: 884866
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.2 109.8
 116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

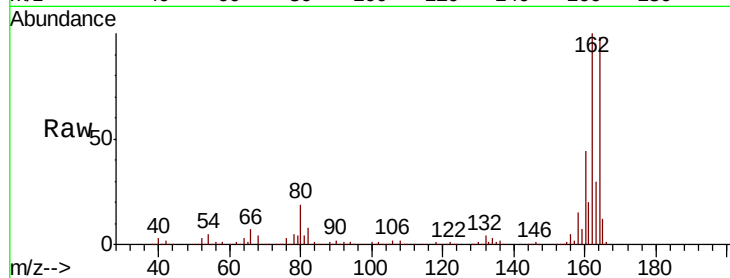
Tgt Ion:164 Resp: 306519

Ion Ratio Lower Upper

164 100

162 101.9 81.8 122.6

160 44.9 36.4 54.6

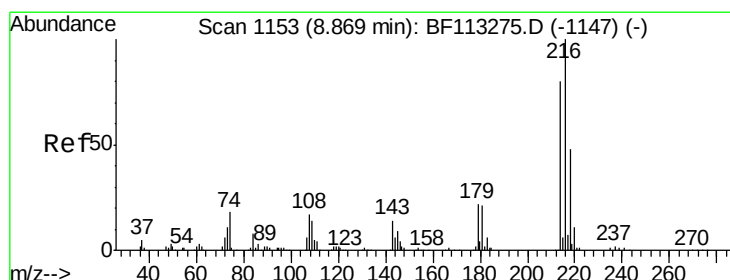
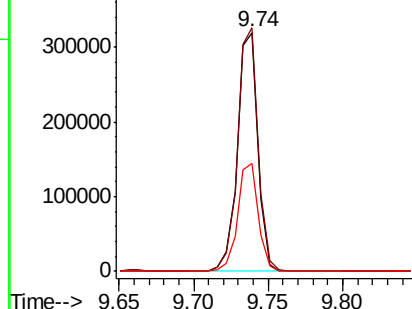
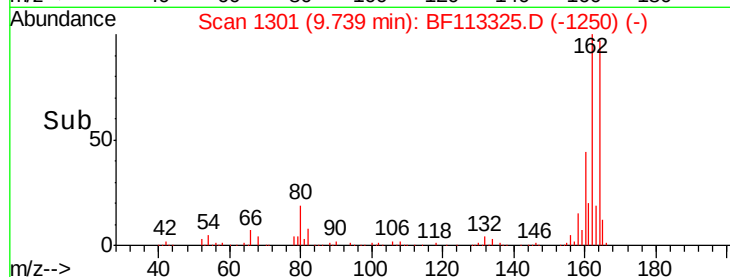


Abundance

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: 43.227 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:216 Resp: 425319

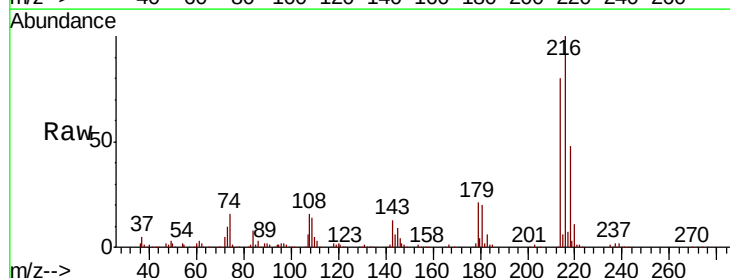
Ion Ratio Lower Upper

216 100

214 79.7 63.0 94.6

179 20.7 16.8 25.2

108 18.5 13.8 20.6



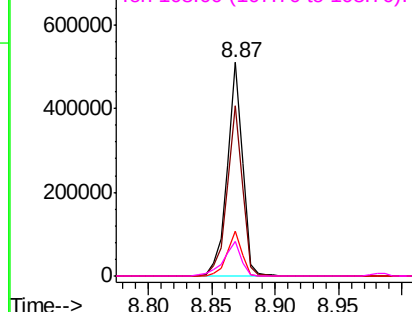
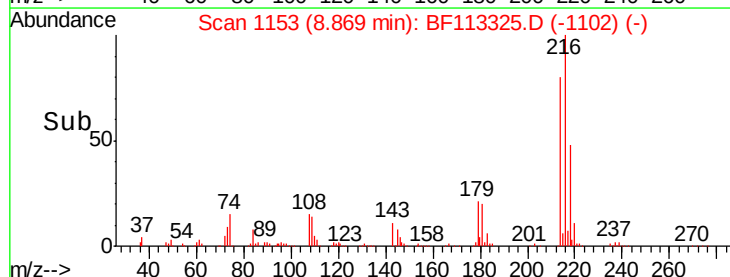
Abundance

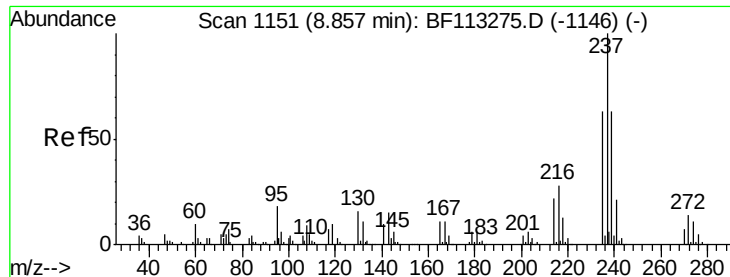
Ion 216.00 (215.70 to 216.70): E

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

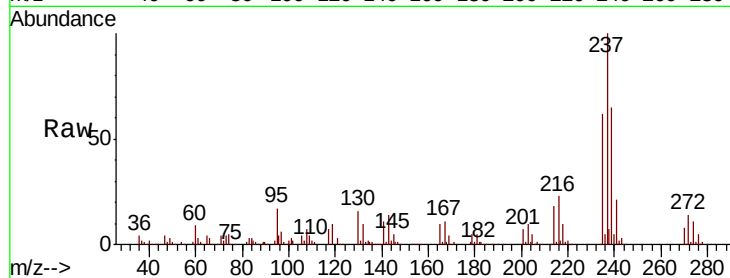




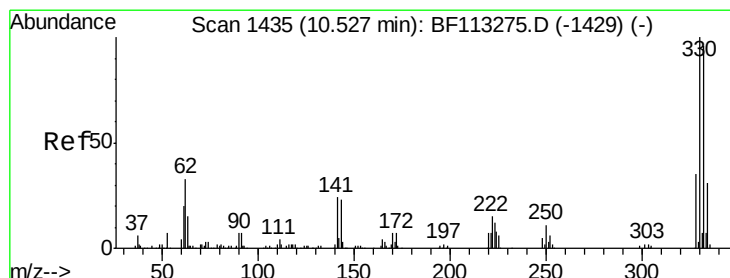
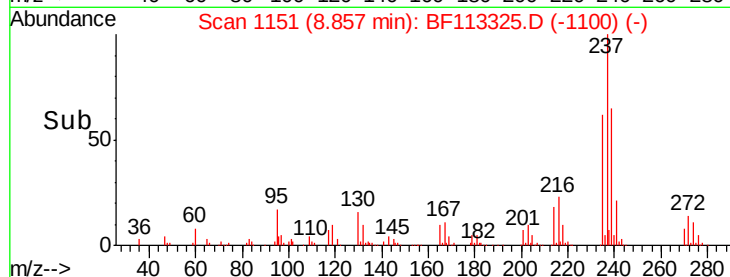
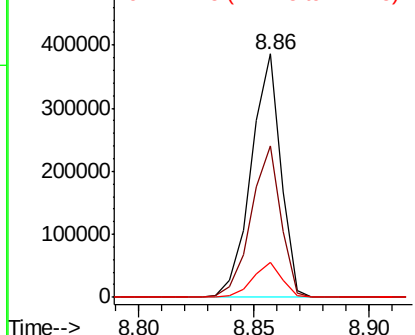
#41
Hexachlorocyclopentadiene
Concen: 83.035 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 237 Resp: 345813
Ion Ratio Lower Upper
237 100
235 62.1 43.4 83.4
272 14.5 0.0 33.7

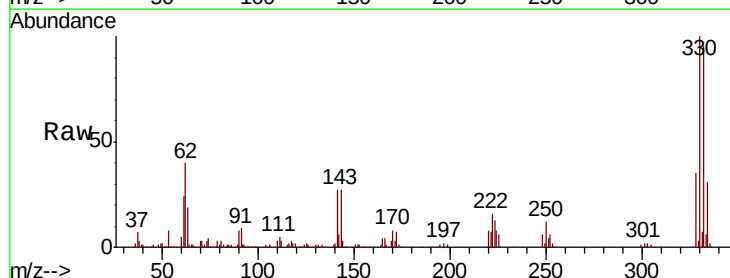


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

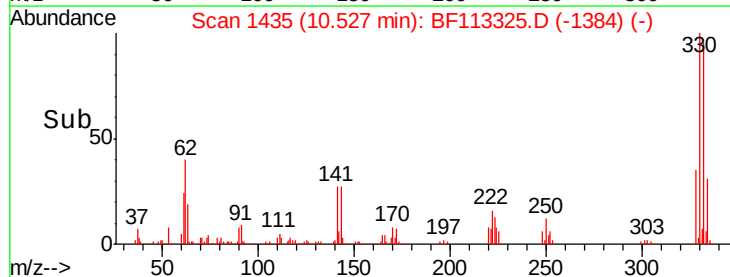
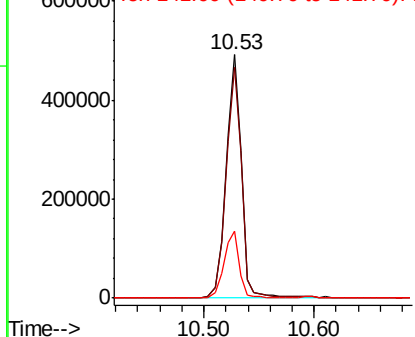


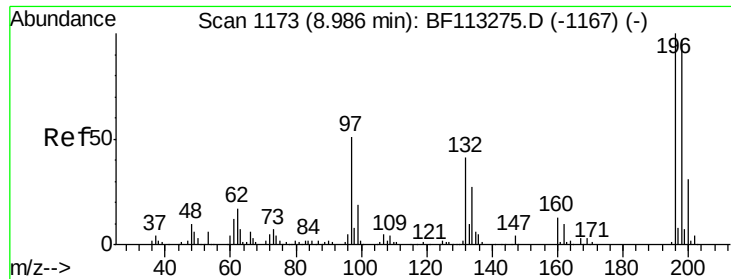
#42
2,4,6-Tribromophenol
Concen: 126.445 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 330 Resp: 478747
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.6
141 27.5 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

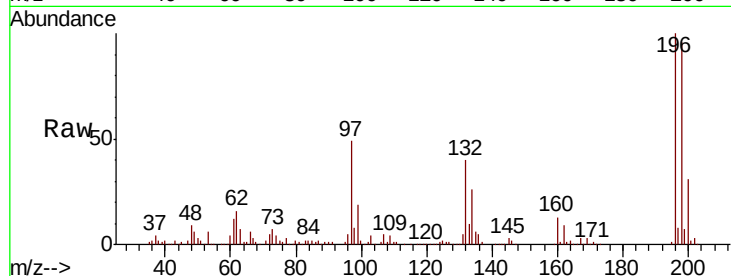




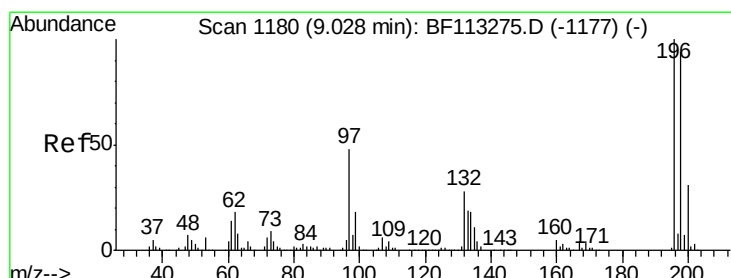
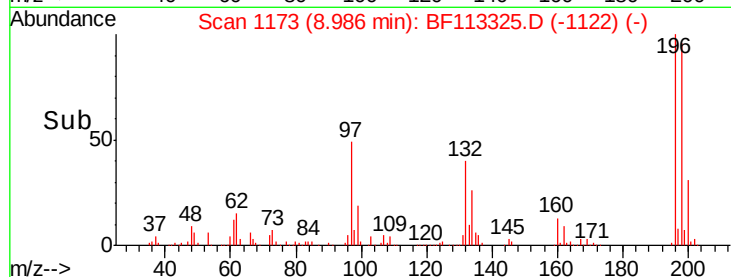
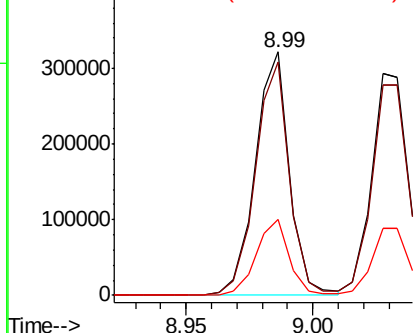
#43
 2,4,6-Trichlorophenol
 Concen: 46.829 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tgt Ion:196 Resp: 300045
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.7 116.5
 200 31.2 24.9 37.3



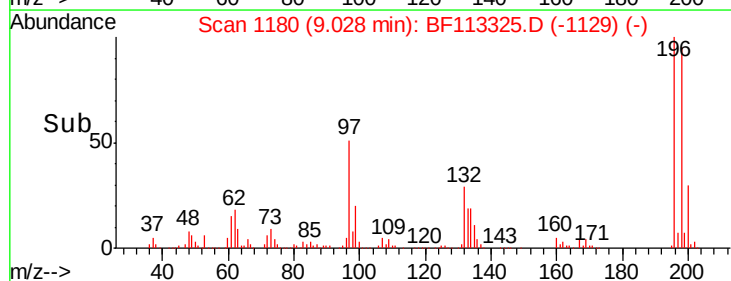
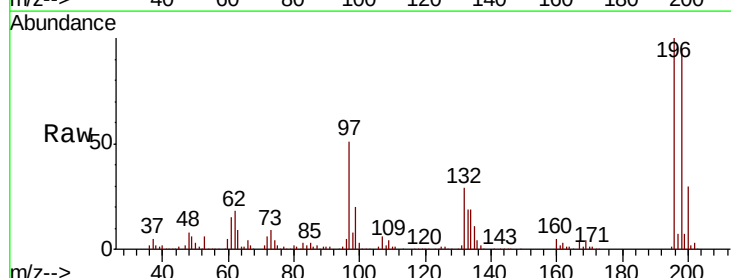
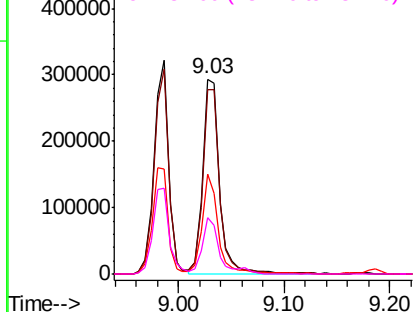
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

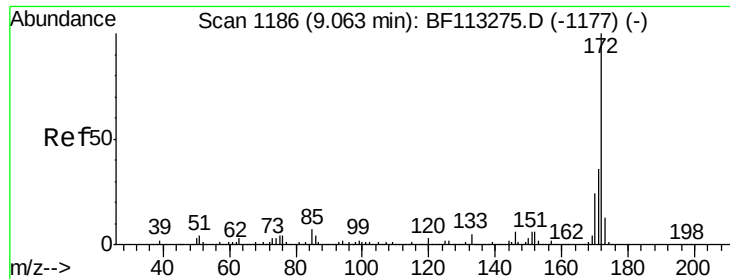


#44
 2,4,5-Trichlorophenol
 Concen: 45.055 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:196 Resp: 319479
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.4 113.2
 97 51.2 38.6 58.0
 132 28.7 22.9 34.3

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

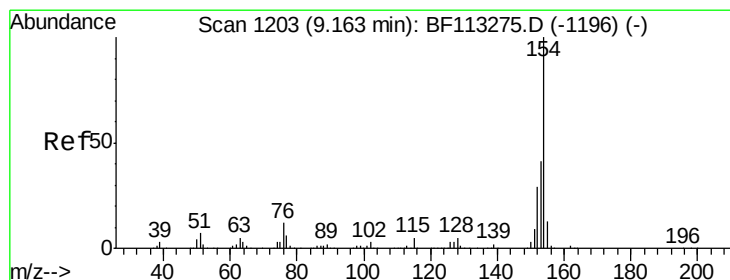
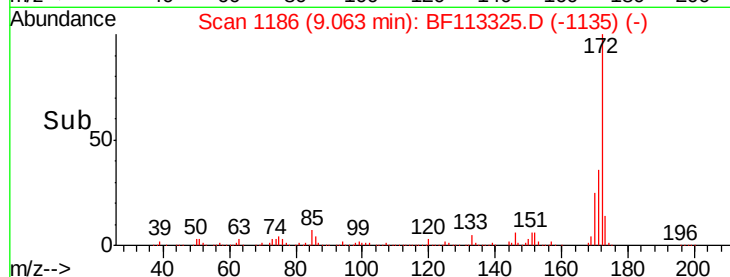
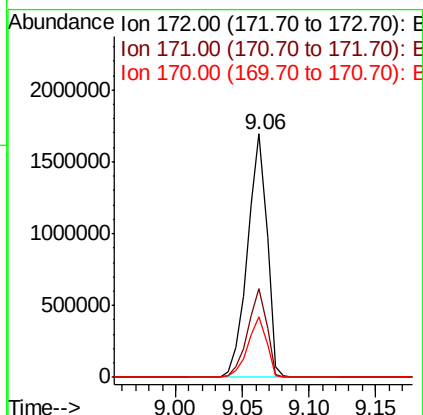
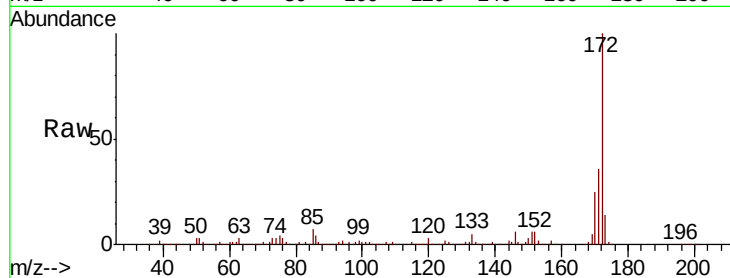




#45
2-Fluorobiphenyl
Concen: 86.764 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

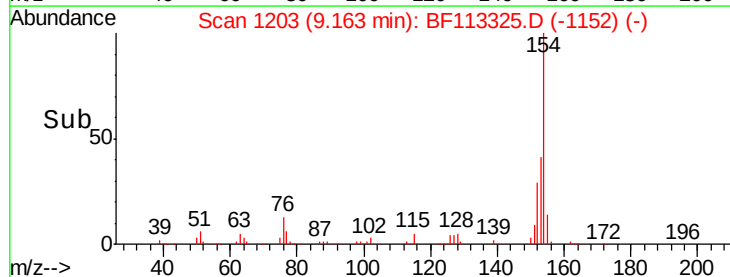
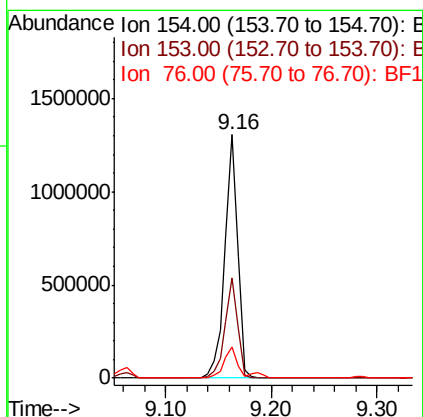
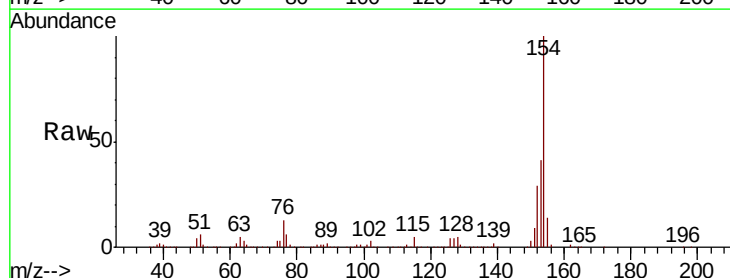
Instrument :
BNA_F
ClientSampleId :
S-1MS

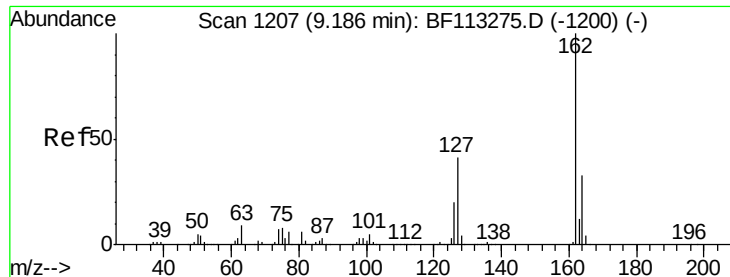
Tgt Ion:172 Resp: 1689634
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 25.1 19.5 29.3



#46
1,1'-Biphenyl
Concen: 43.674 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:154 Resp: 1118078
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 12.9 0.0 31.9

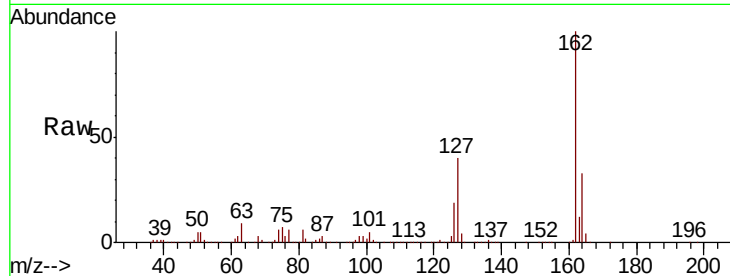




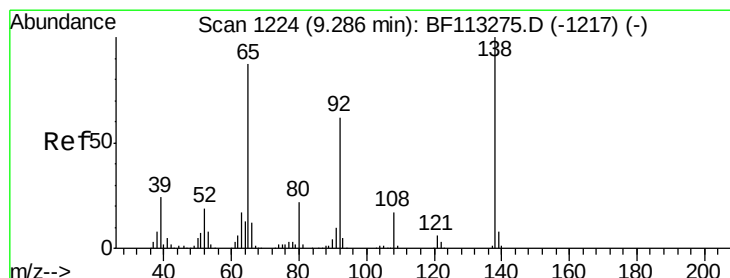
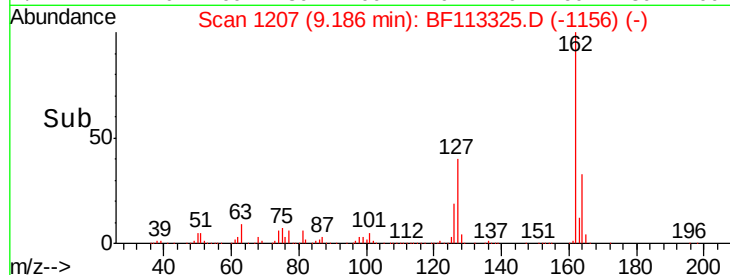
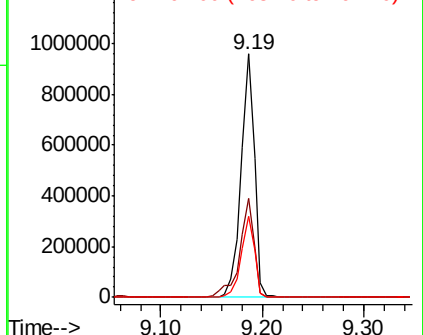
#47
 2-Chloronaphthalene
 Concen: 44.611 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	49.0
164	33.2	26.6	39.8

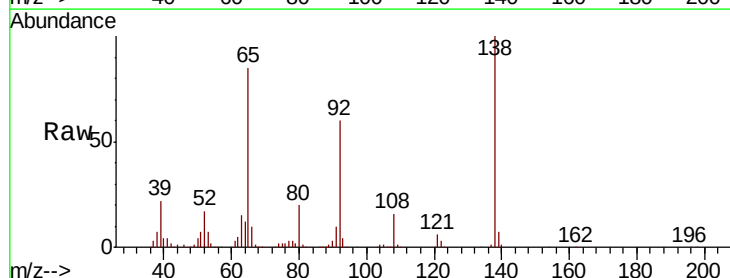


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

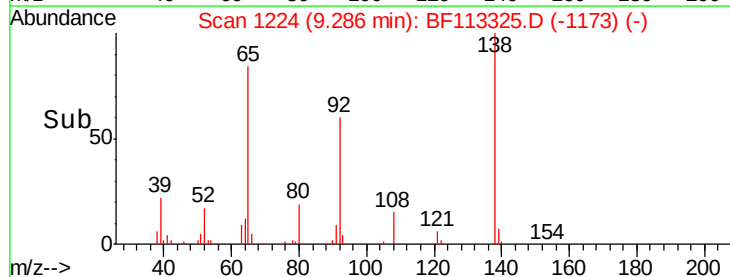
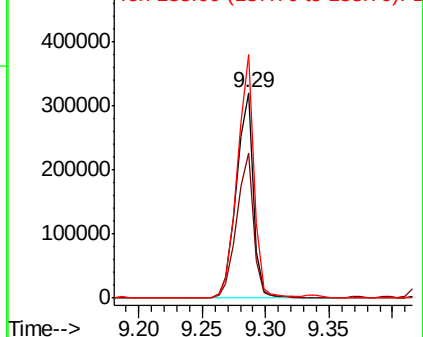


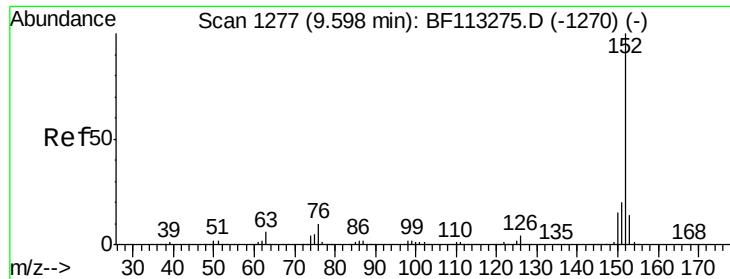
#48
 2-Nitroaniline
 Concen: 48.114 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.8	85.2
138	118.3	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: 44.695 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

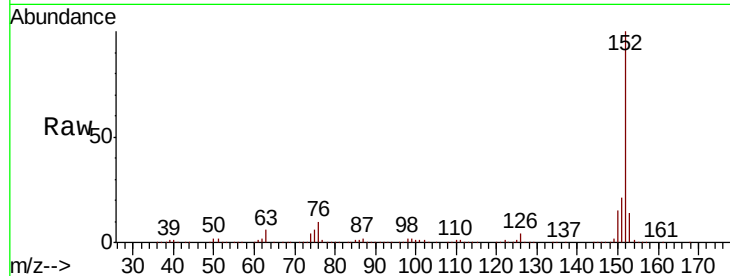
Tgt Ion:152 Resp: 1424453

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

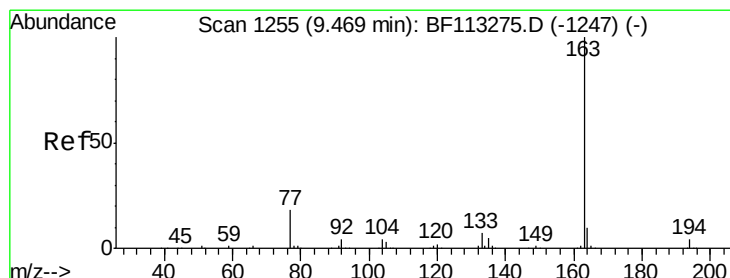
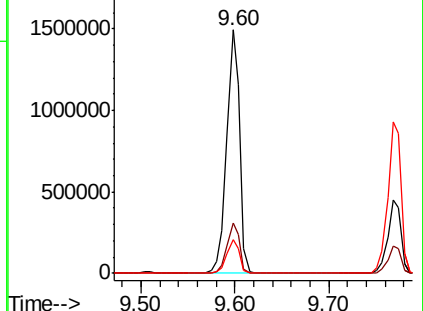
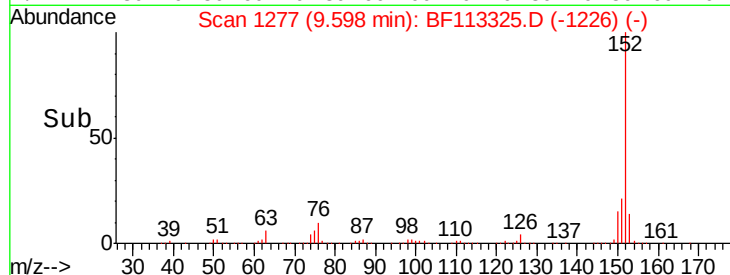
153 13.8 11.0 16.6



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: 51.012 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

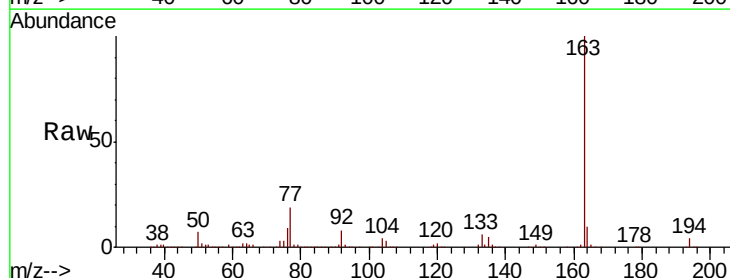
Tgt Ion:163 Resp: 1158769

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

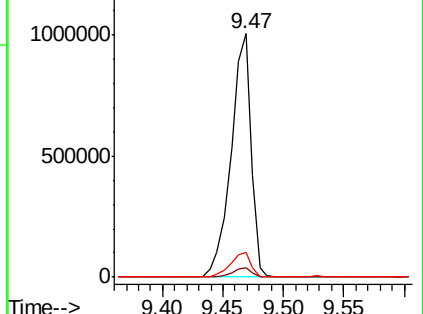
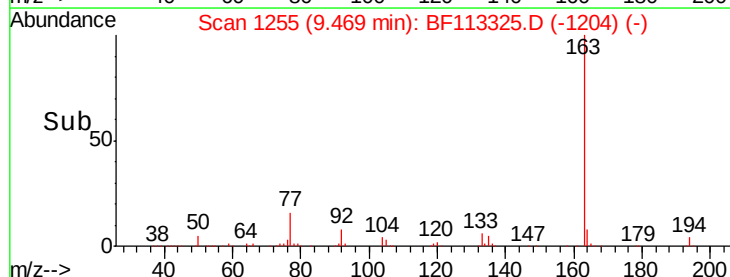
164 10.0 8.1 12.1

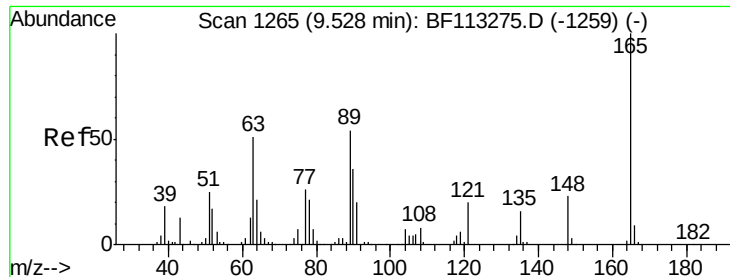


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

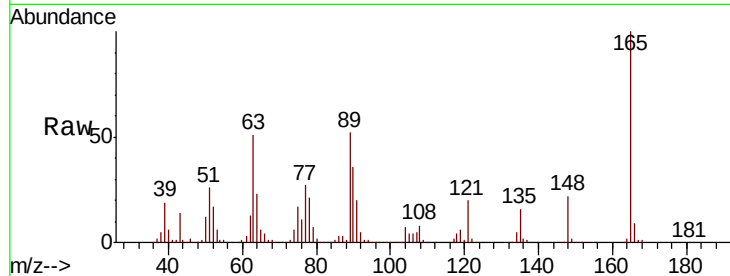




#51
2,6-Dinitrotoluene
Concen: 47.186 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleID :
S-1MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.2	43.4	65.0
89	52.1	43.1	64.7

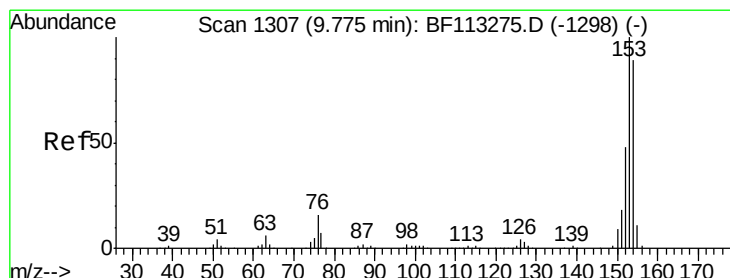
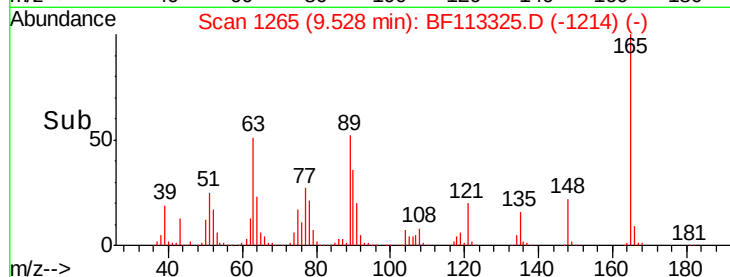
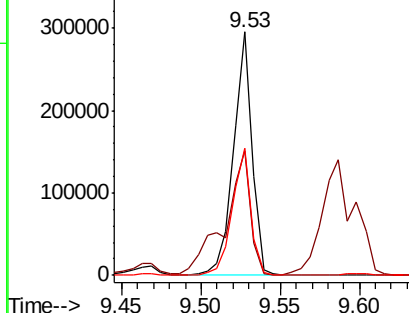


Abundance

Ion 165.00 (164.70 to 165.70): E

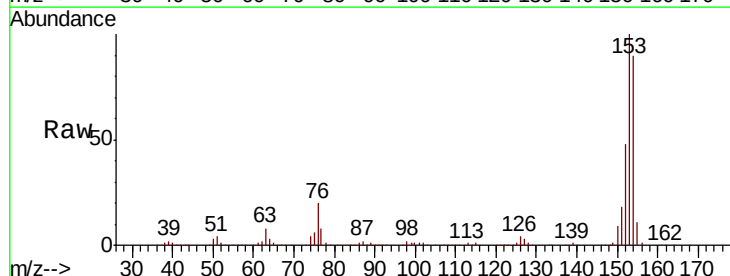
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 45.089 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.5	134.3
152	53.7	43.3	64.9

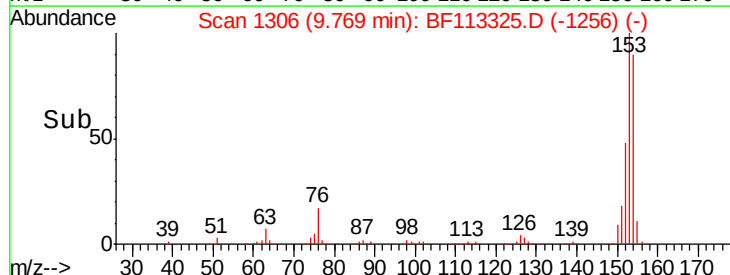
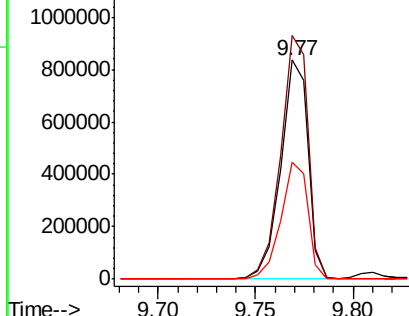


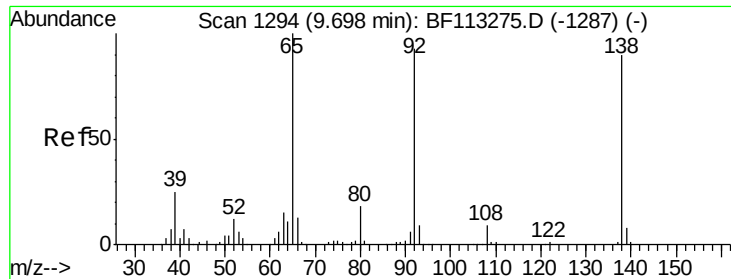
Abundance

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

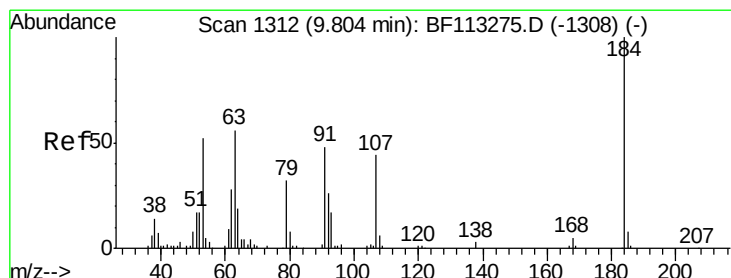
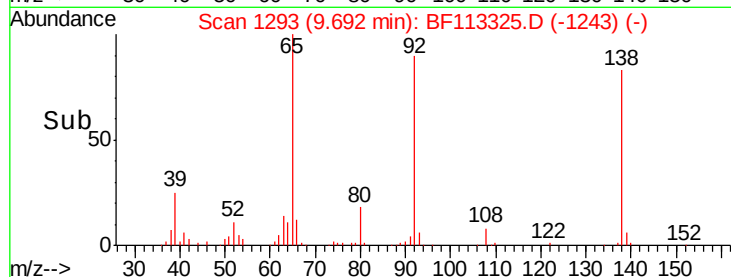
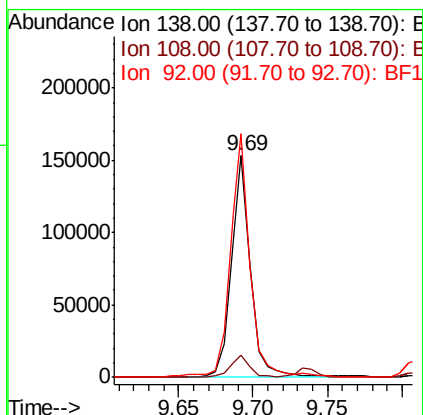
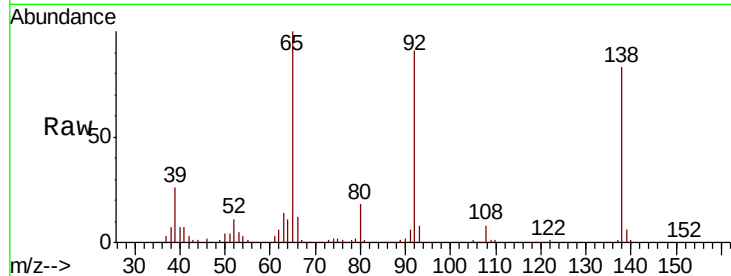




#53
 3-Nitroaniline
 Concen: 23.929 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

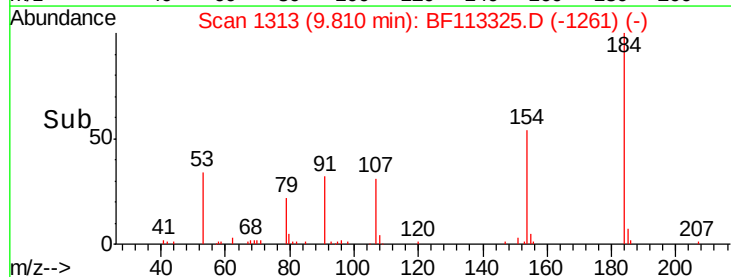
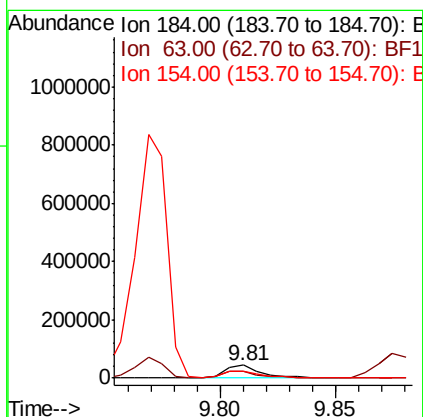
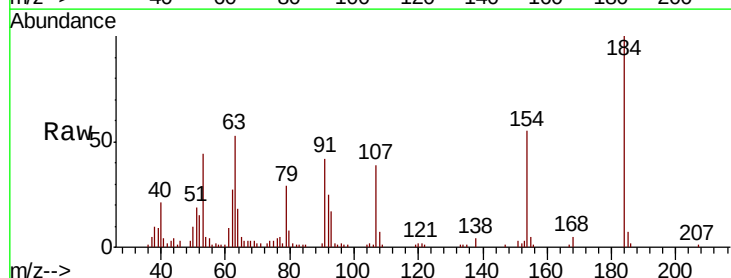
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

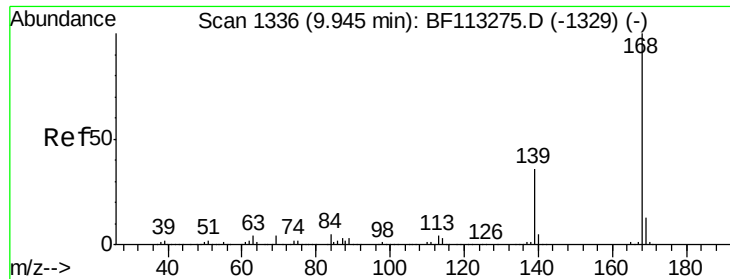
Tgt Ion:138 Resp: 138284
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 109.8 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 19.002 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:184 Resp: 48431
 Ion Ratio Lower Upper
 184 100
 63 53.0 54.3 81.5#
 154 55.4 48.4 72.6

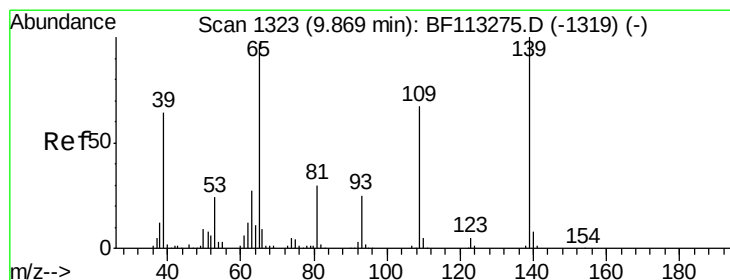
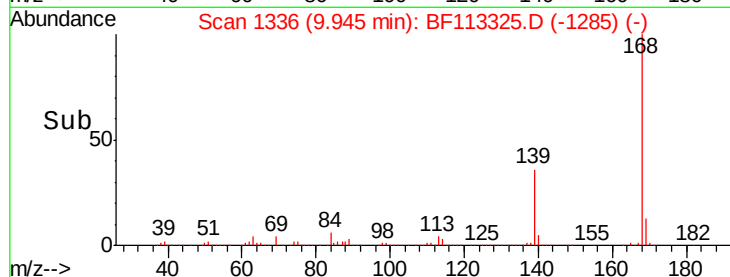
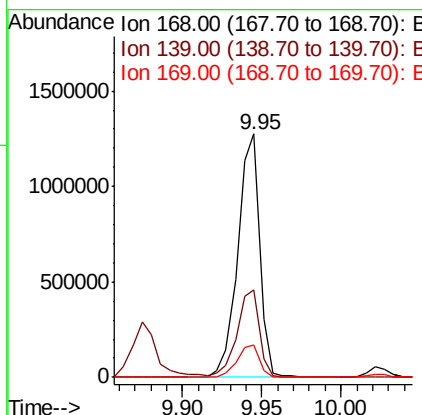
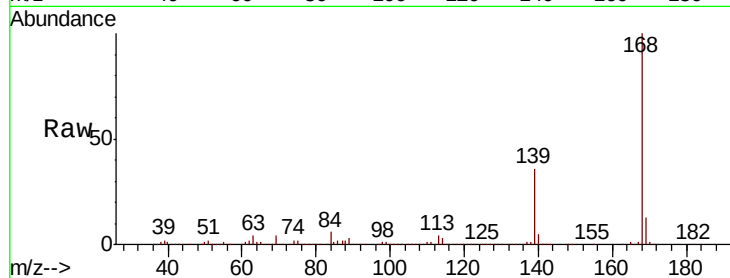




#55
Dibenzenofuran
Concen: 45.335 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

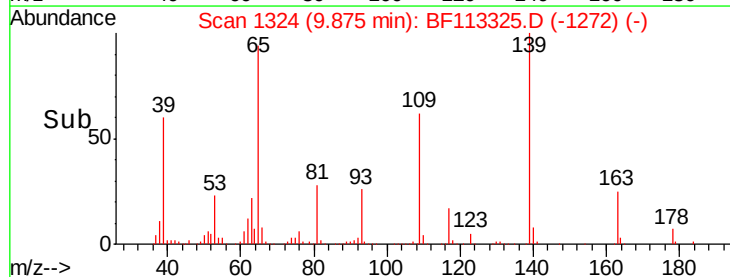
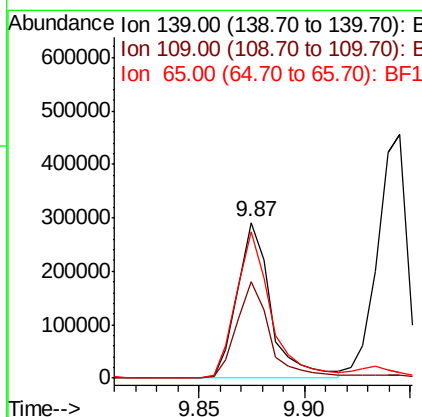
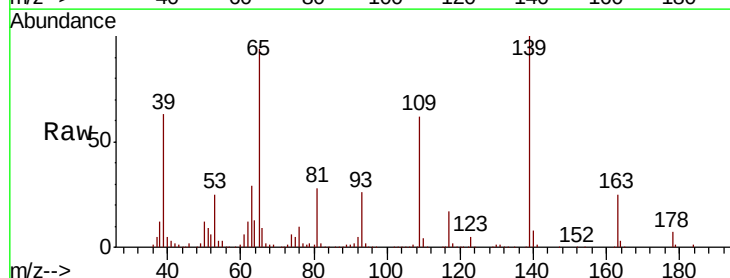
Instrument :
BNA_F
ClientSampleId :
S-1MS

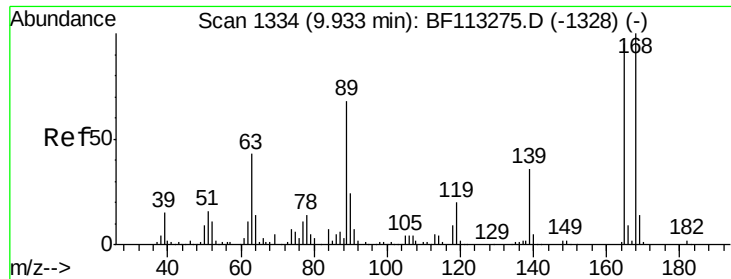
Tgt Ion:168 Resp: 1223237
Ion Ratio Lower Upper
168 100
139 35.7 29.7 44.5
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 78.399 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:139 Resp: 323010
Ion Ratio Lower Upper
139 100
109 61.9 46.9 86.9
65 94.1 77.2 117.2

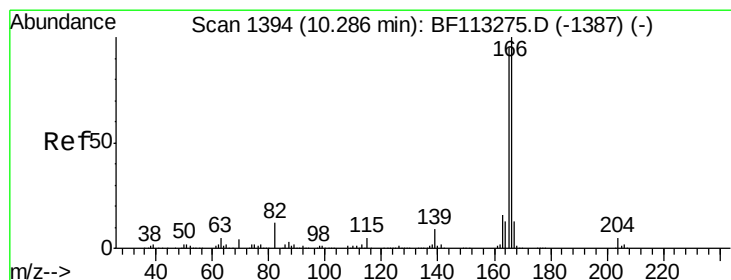
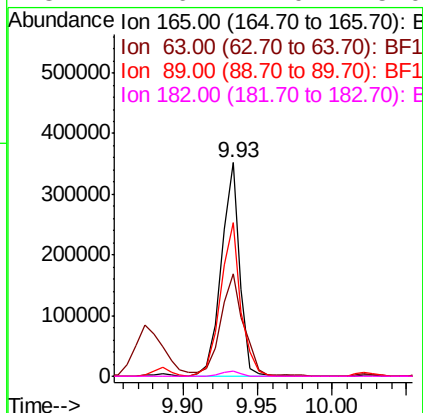
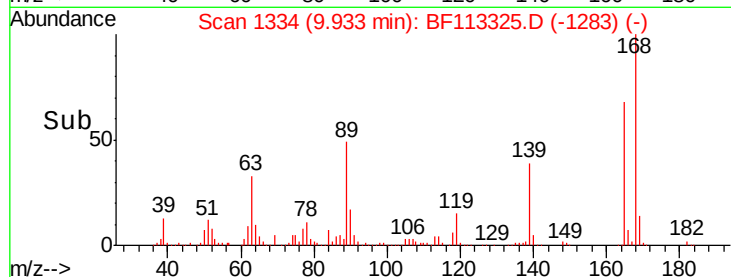
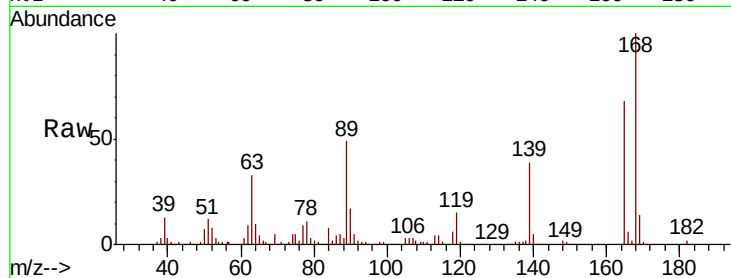




#57
2,4-Dinitrotoluene
Concen: 46.631 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

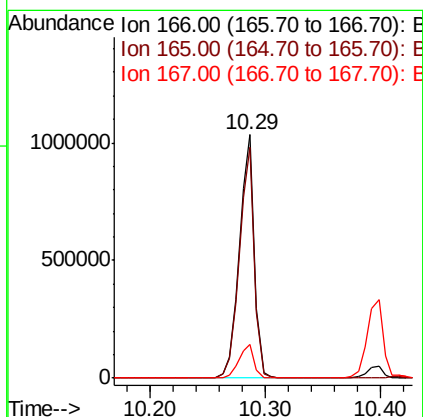
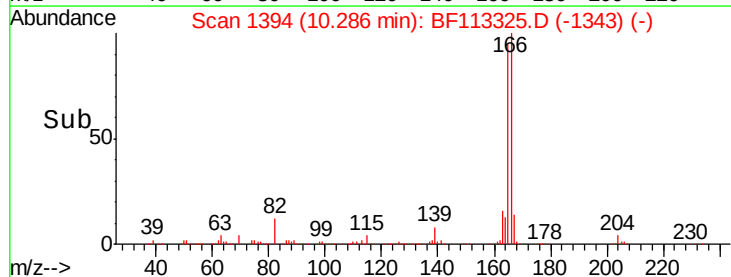
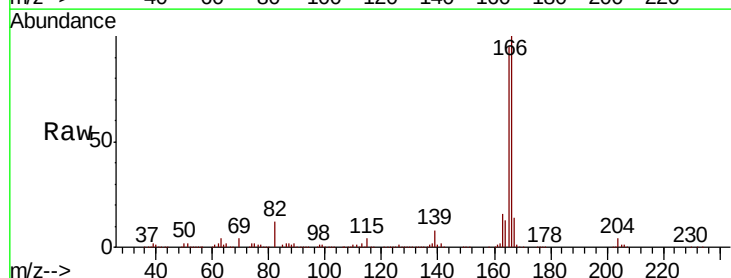
Instrument :
BNA_F
ClientSampleId :
S-1MS

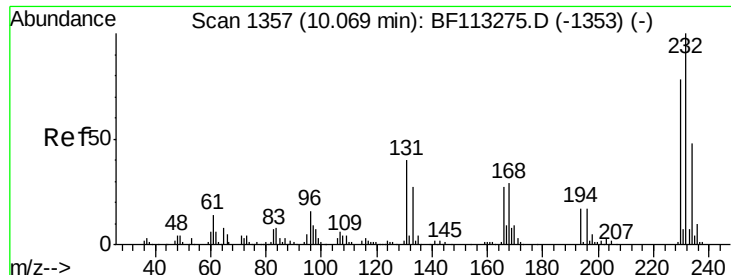
Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.1	37.5	56.3
89	72.1	57.4	86.2
182	2.6	2.0	3.0



#58
Fluorene
Concen: 44.246 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	76.2	114.2
167	13.7	10.7	16.1

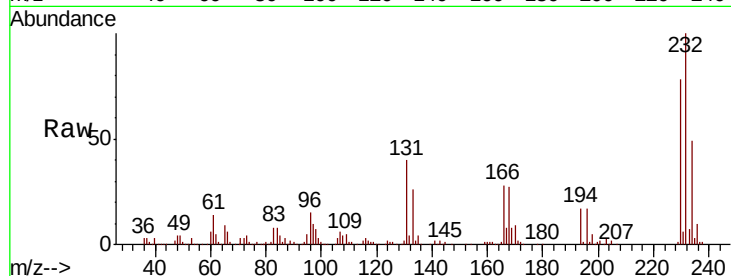




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.955 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.2	49.8
130	1.8	1.6	2.4
166	27.5	21.0	31.6



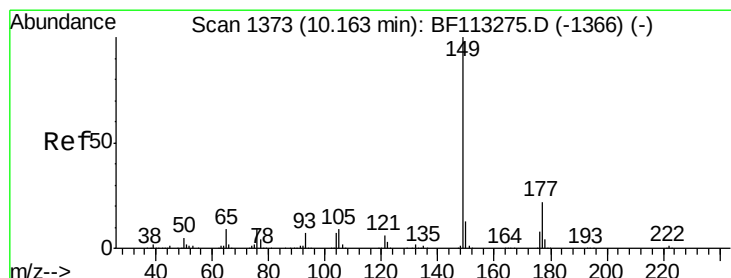
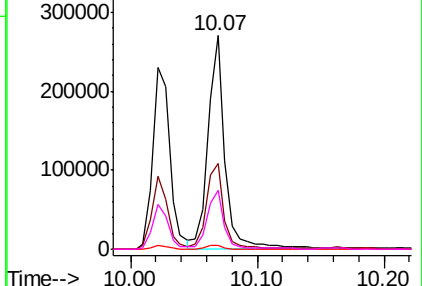
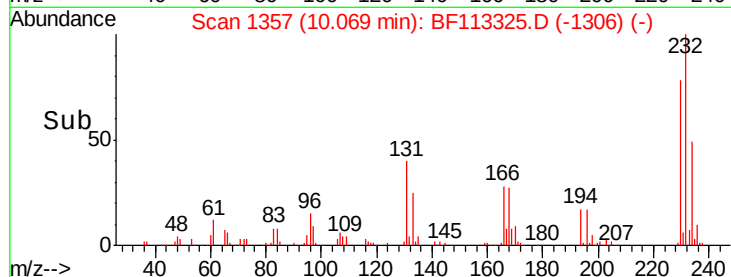
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

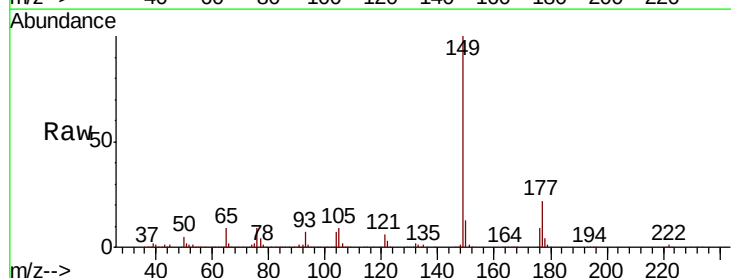
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.569 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.0
150	12.9	10.0	15.0

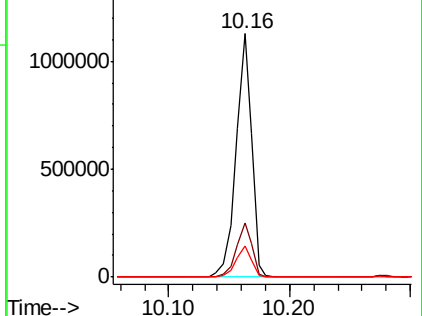
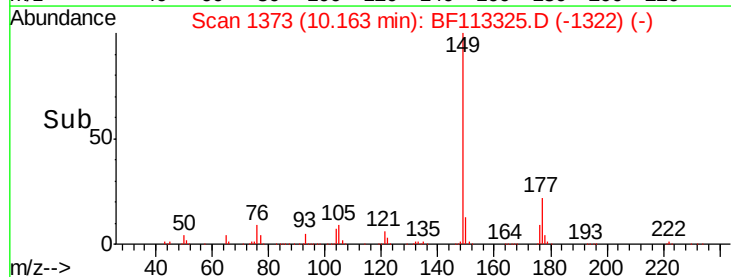


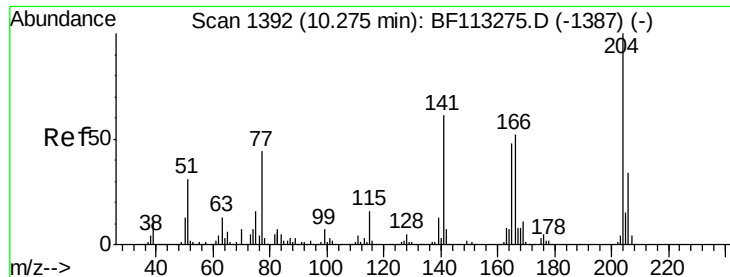
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

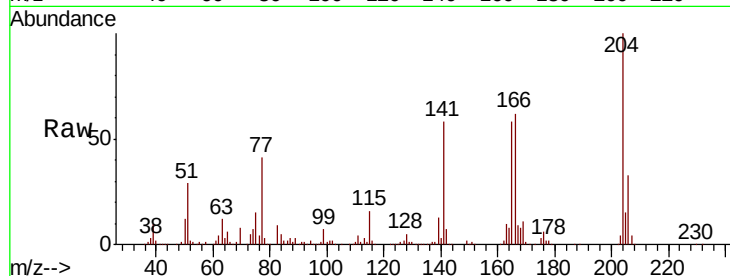




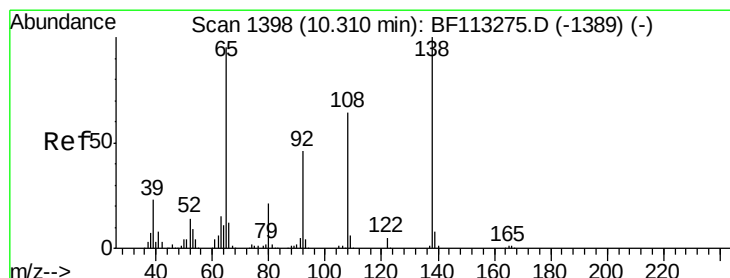
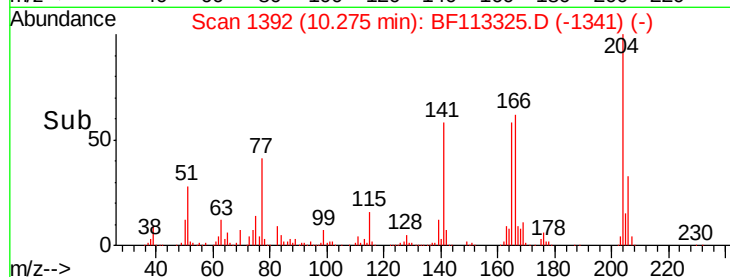
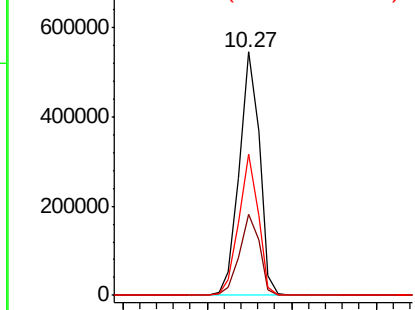
#61
4-Chlorophenyl-phenylether
Concen: 44.419 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion: 204 Resp: 453784
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 58.2 48.8 73.2

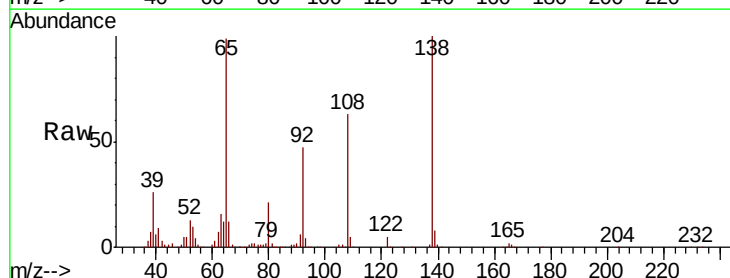


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

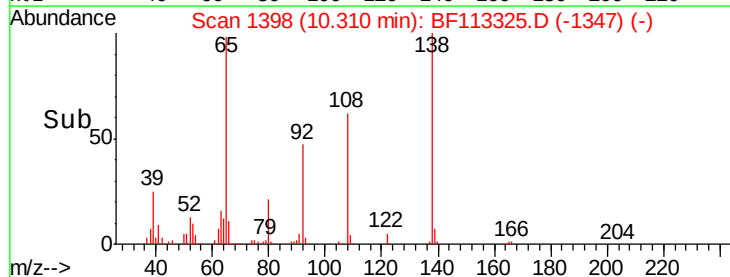
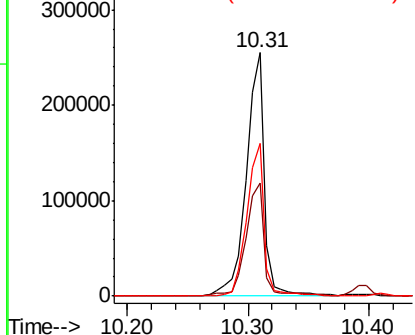


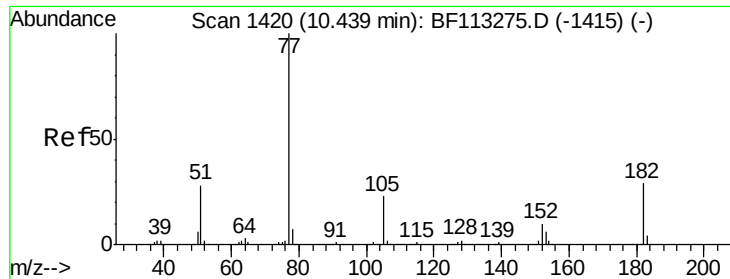
#62
4-Nitroaniline
Concen: 44.882 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion: 138 Resp: 267053
Ion Ratio Lower Upper
138 100
92 46.6 25.8 65.8
108 62.7 44.0 84.0



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





#63

Azobenzene

Concen: 45.683 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tgt Ion: 77 Resp: 958274

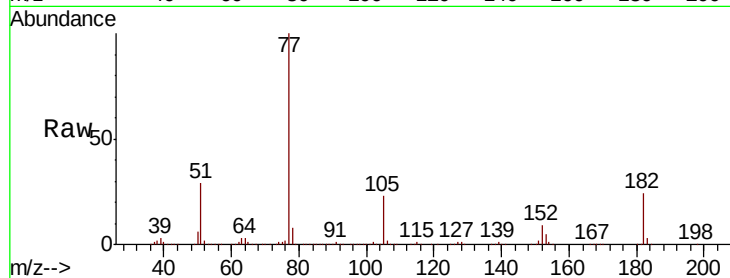
Ion Ratio Lower Upper

77 100

182 23.9 8.7 48.7

105 22.5 2.9 42.9

51 28.6 8.8 48.8

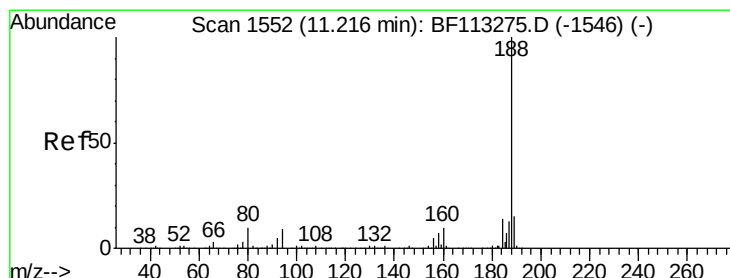
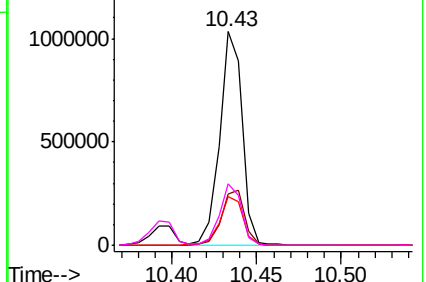
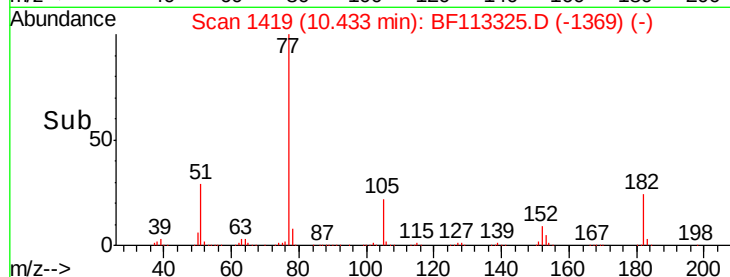


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

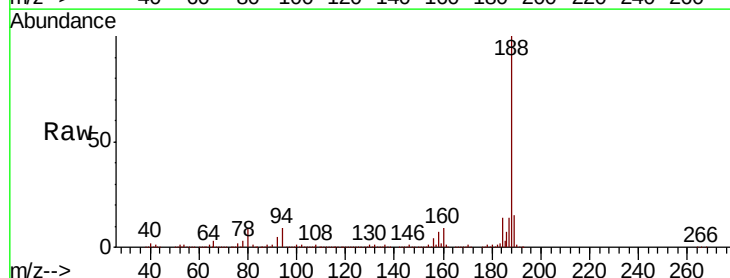
Tgt Ion: 188 Resp: 616450

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

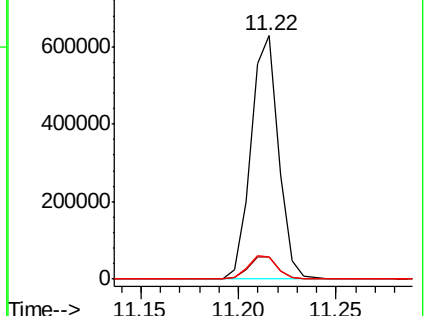
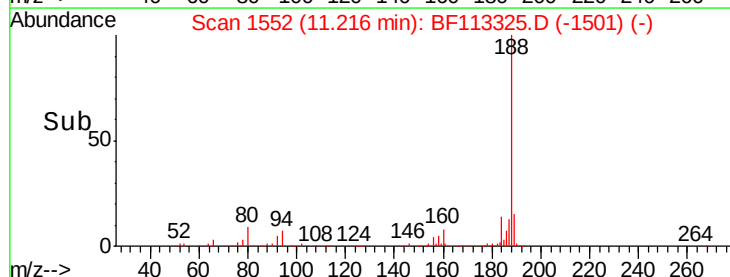
80 9.1 7.7 11.5

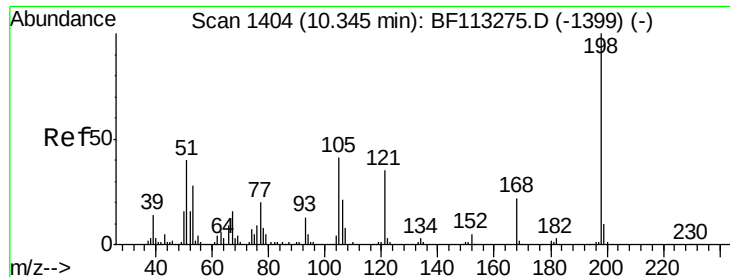


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

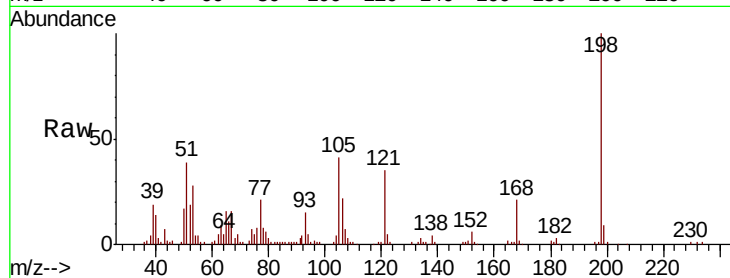




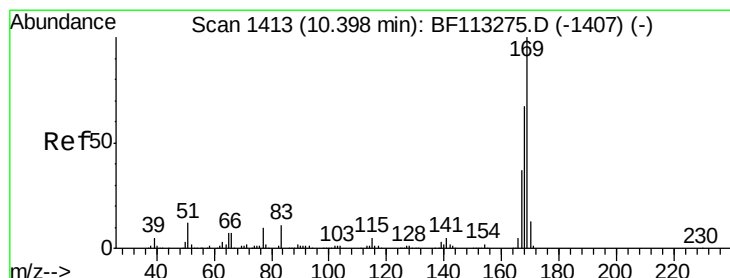
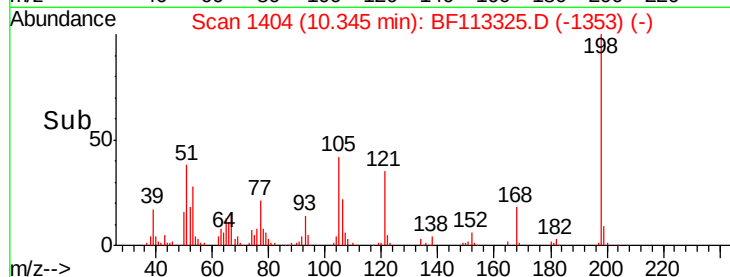
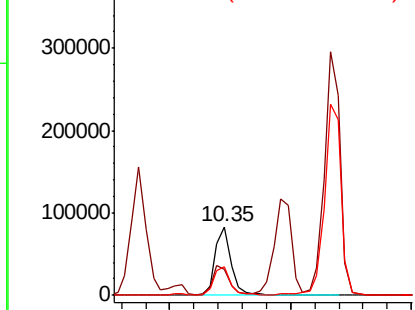
#65
4,6-Dinitro-2-methylphenol
Concen: 22.748 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:198 Resp: 76711
Ion Ratio Lower Upper
198 100
51 38.6 21.6 61.6
105 41.2 20.6 60.6

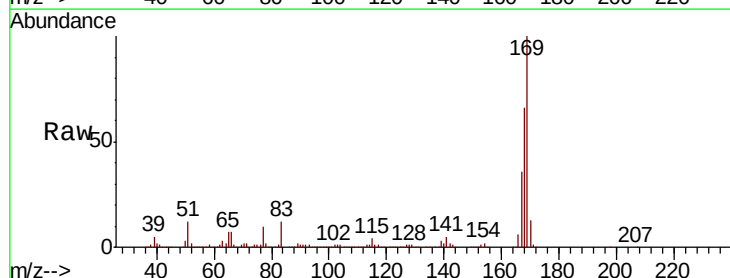


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

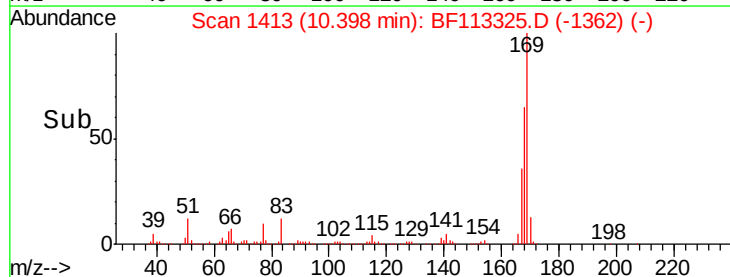
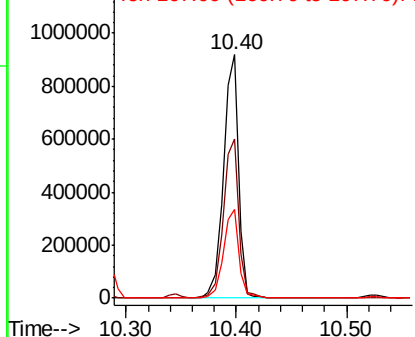


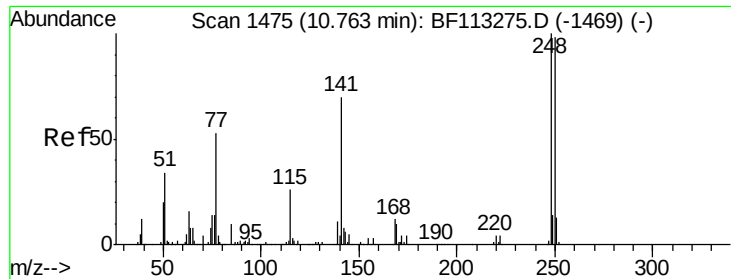
#66
n-Nitrosodiphenylamine
Concen: 46.343 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:169 Resp: 876623
Ion Ratio Lower Upper
169 100
168 65.5 53.7 80.5
167 36.4 29.5 44.3



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

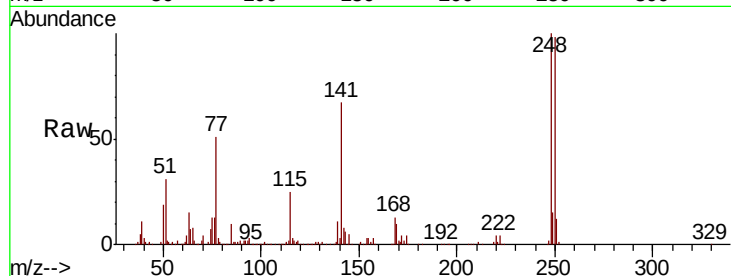




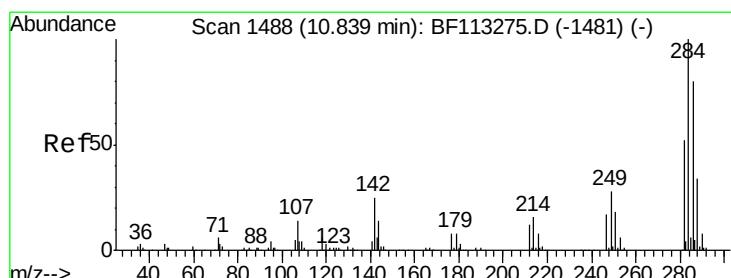
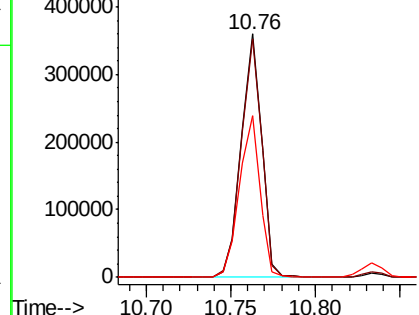
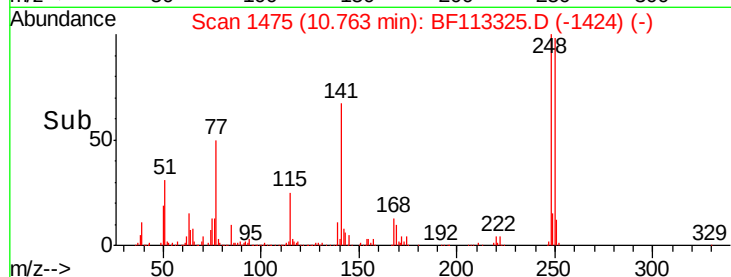
#67
4-Bromophenyl-phenylether
Concen: 45.276 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tgt Ion:248 Resp: 304203
Ion Ratio Lower Upper
248 100
250 98.2 78.3 117.5
141 66.7 56.2 84.4

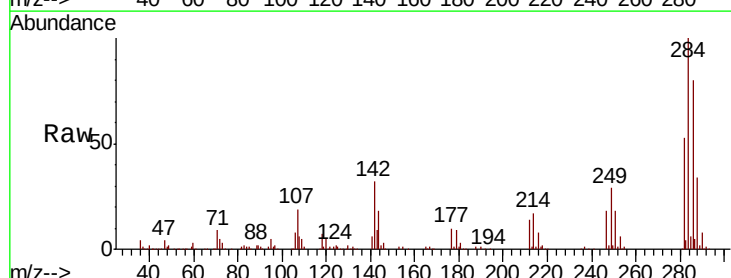


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

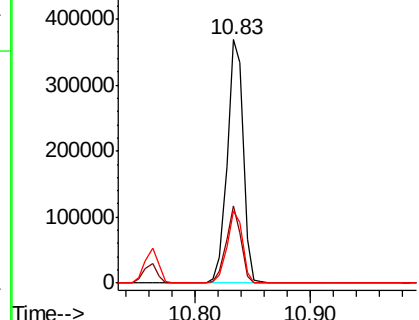
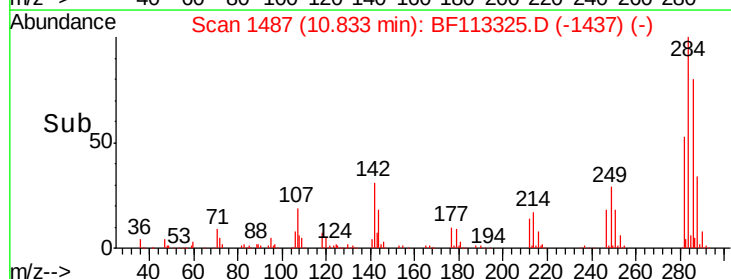


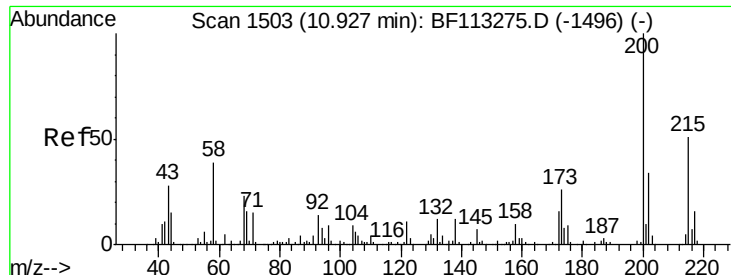
#68
Hexachlorobenzene
Concen: 45.615 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:284 Resp: 355746
Ion Ratio Lower Upper
284 100
142 31.5 20.1 30.1#
249 29.4 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

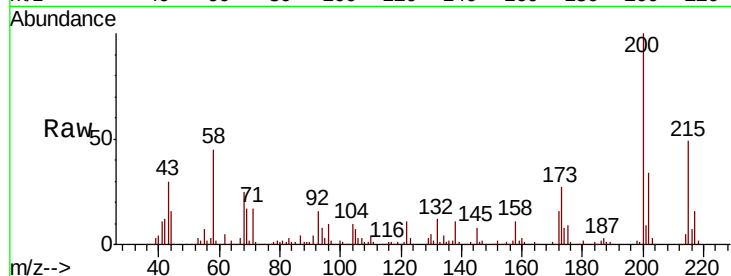




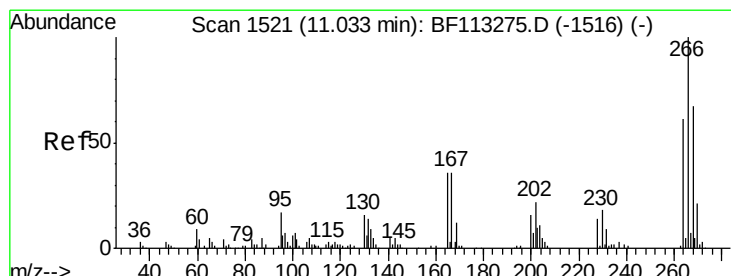
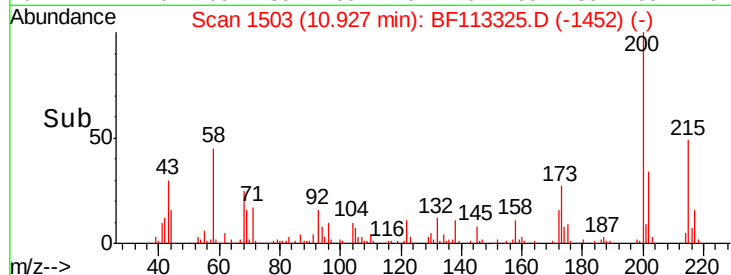
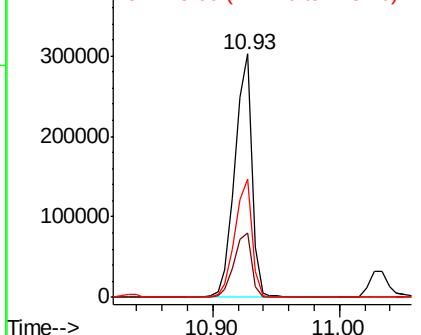
#69
 Atrazine
 Concen: 46.908 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.0	46.0
215	48.6	31.3	71.3

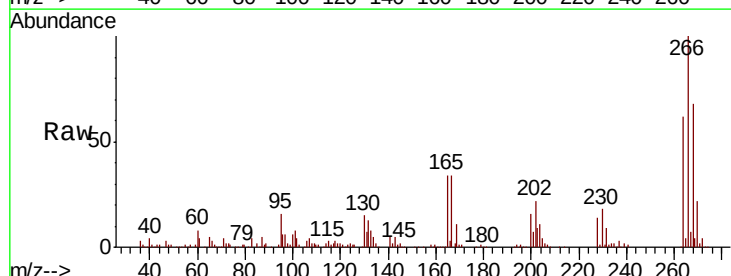


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

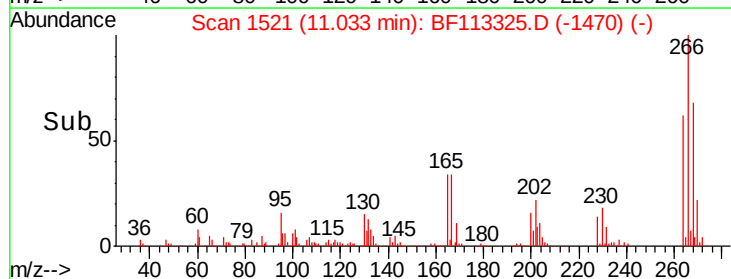
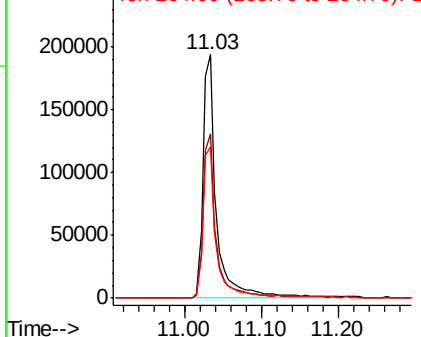


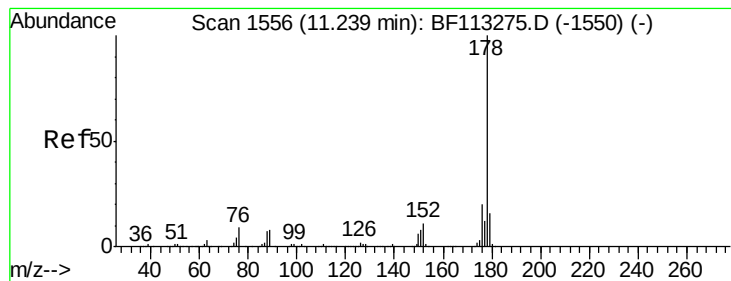
#70
 Pentachlorophenol
 Concen: 58.395 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.7	53.8	80.6
264	62.0	49.2	73.8



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.298 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

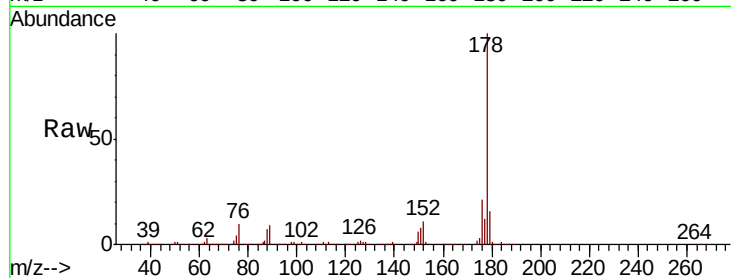
Tgt Ion:178 Resp: 1386713

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.2

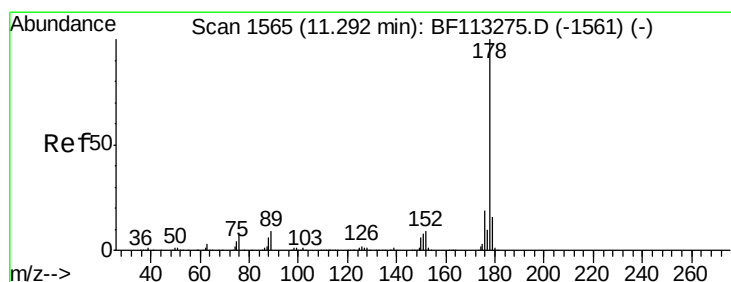
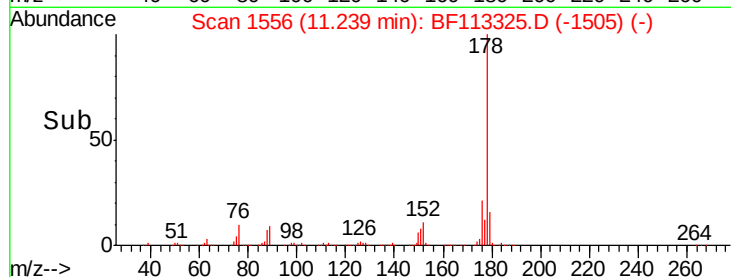
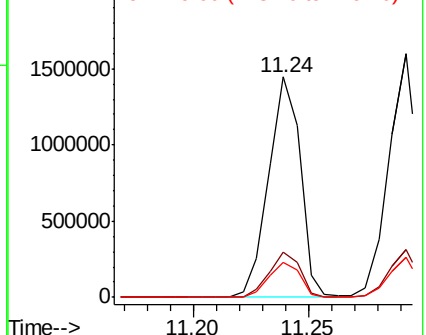
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.593 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

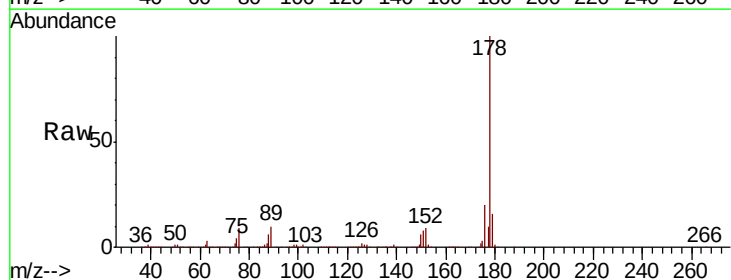
Tgt Ion:178 Resp: 1448794

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

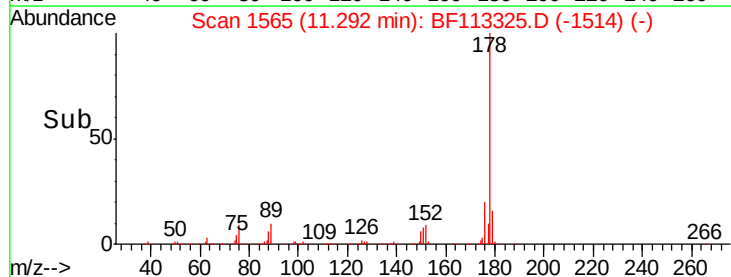
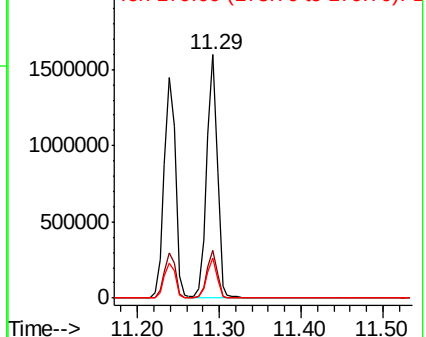
179 16.3 12.8 19.2

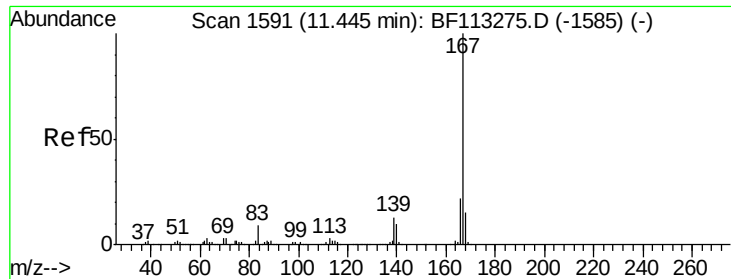


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

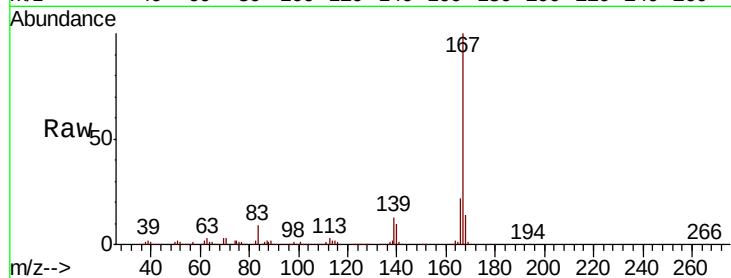




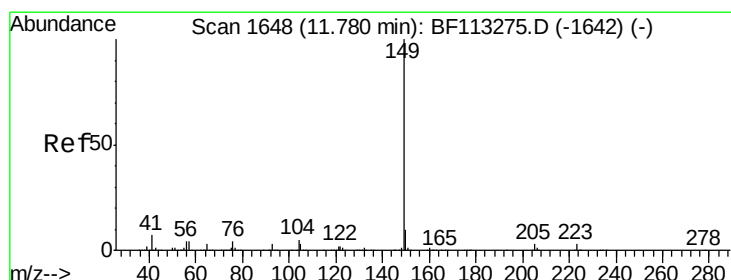
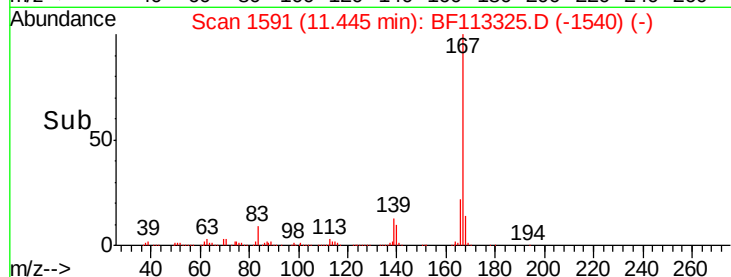
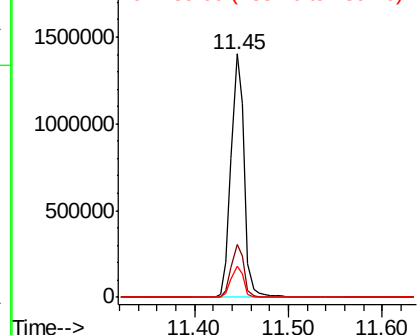
#73
 Carbazole
 Concen: 46.145 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion:167 Resp: 1369169
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 12.9 10.4 15.6

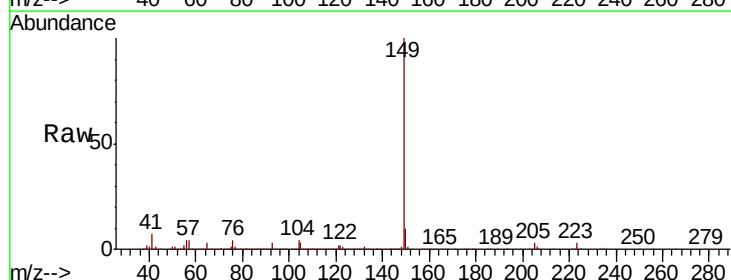


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

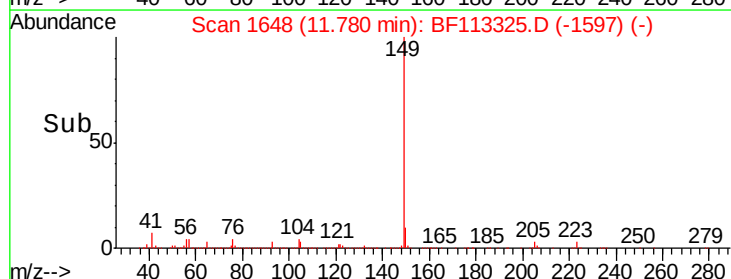
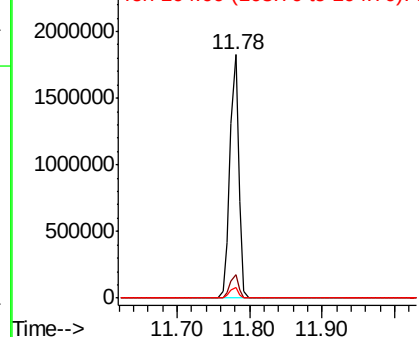


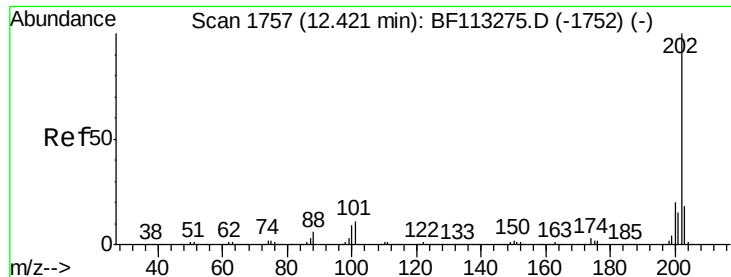
#74
 Di-n-butylphthalate
 Concen: 45.291 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:149 Resp: 1558368
 Ion Ratio Lower Upper
 149 100
 150 9.7 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

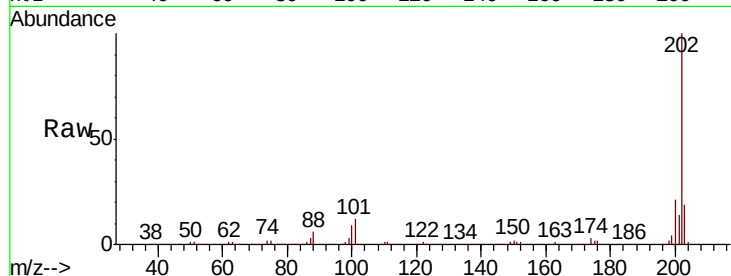




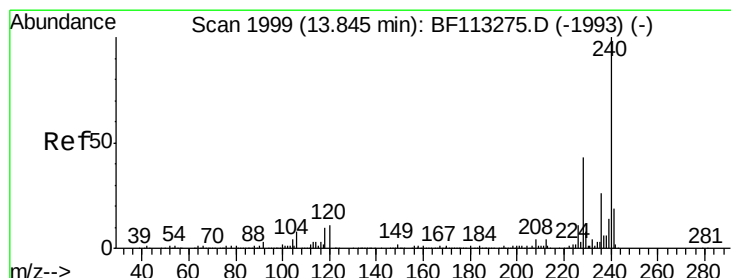
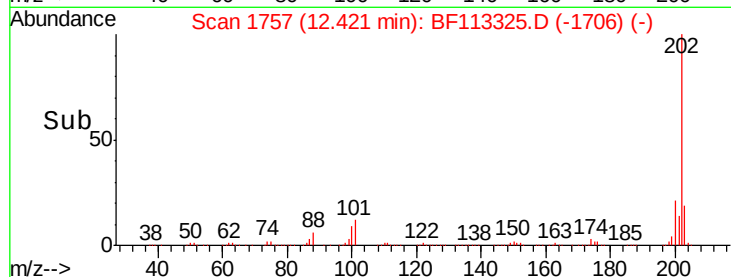
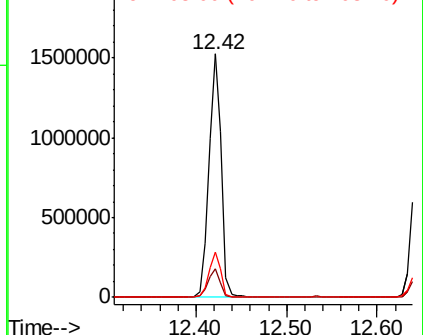
#75
 Fluoranthene
 Concen: 42.121 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tgt Ion: 202 Resp: 1457701
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 18.5 0.0 38.0

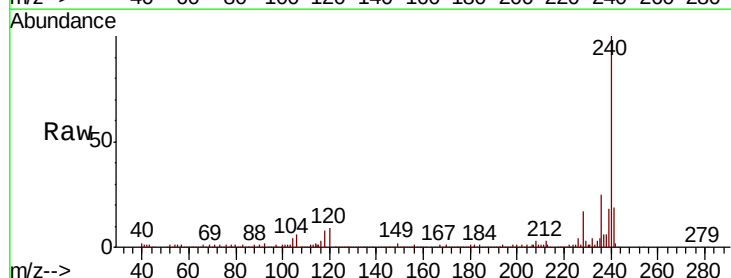


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

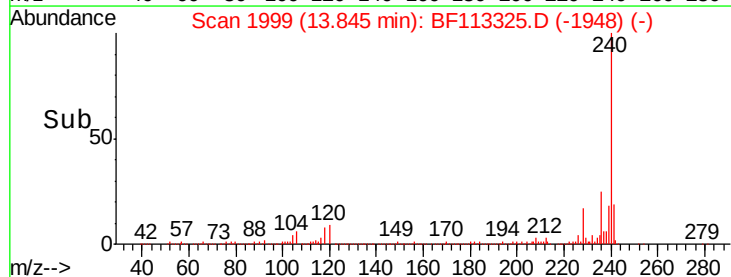
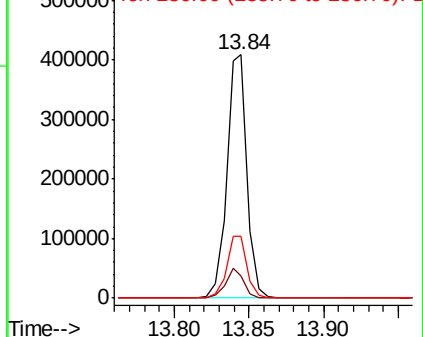


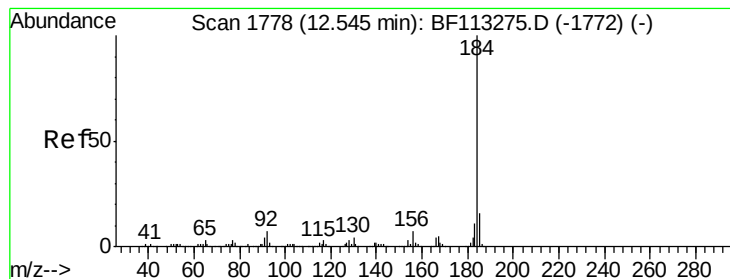
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion: 240 Resp: 388071
 Ion Ratio Lower Upper
 240 100
 120 9.3 8.8 13.2
 236 25.4 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: 12.305 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

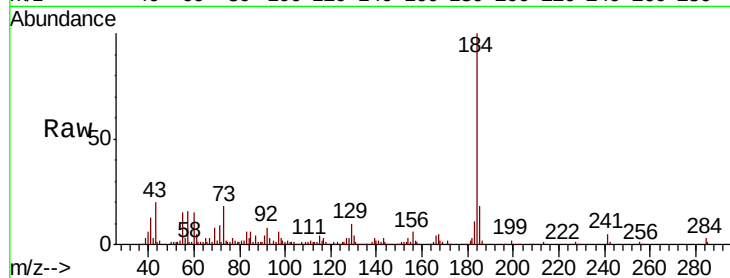
Tgt Ion:184 Resp: 182870

Ion Ratio Lower Upper

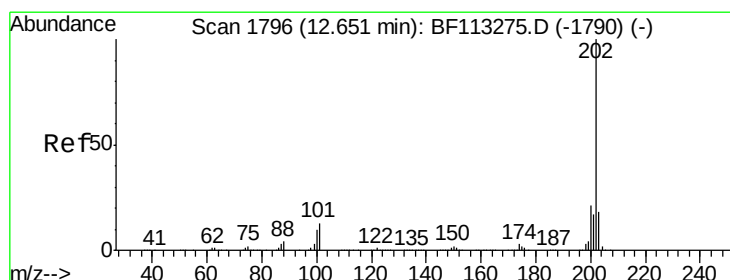
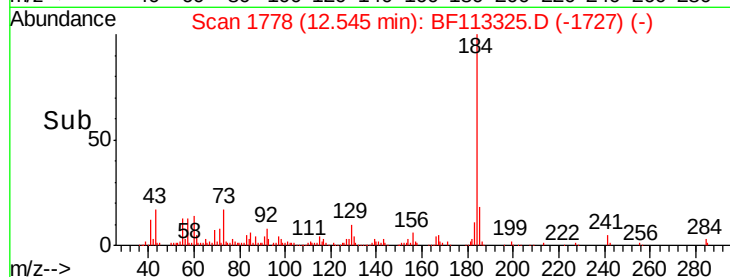
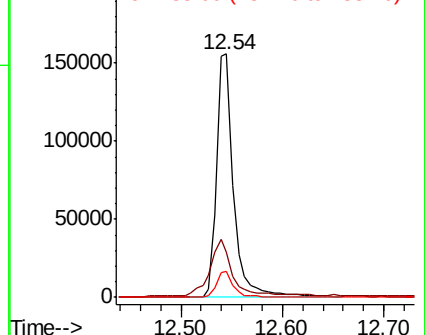
184 100

185 18.4 13.0 19.6

183 10.8 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: 53.945 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

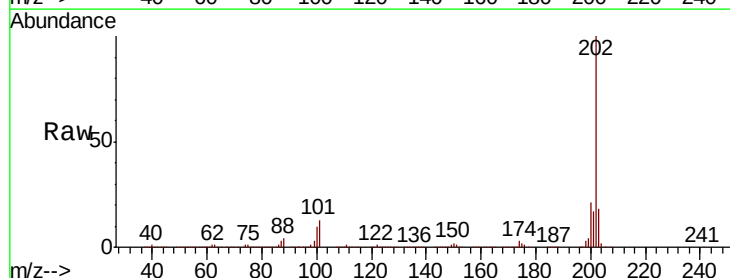
Tgt Ion:202 Resp: 1450688

Ion Ratio Lower Upper

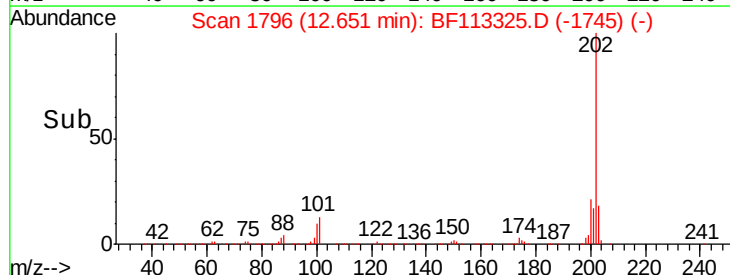
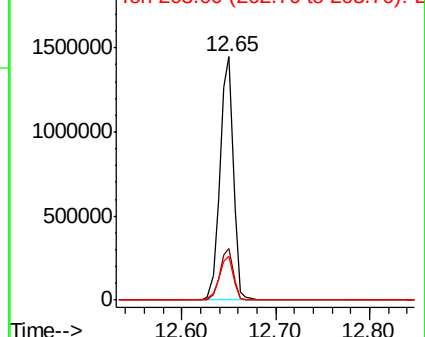
202 100

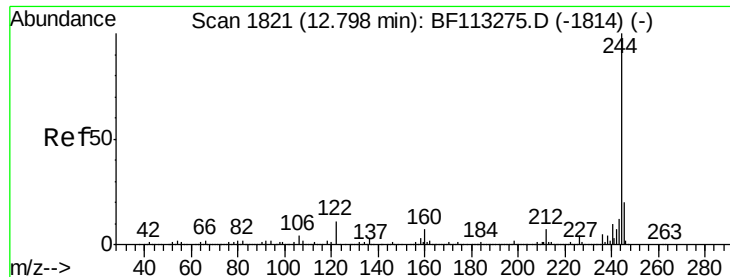
200 21.0 16.8 25.2

203 18.0 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 97.558 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

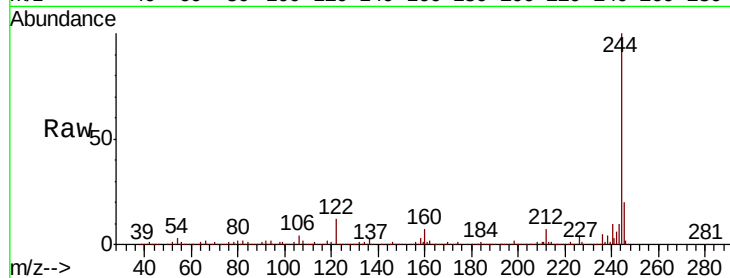
Tgt Ion:244 Resp: 1717625

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

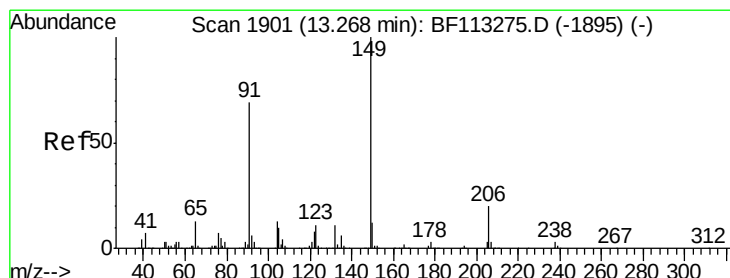
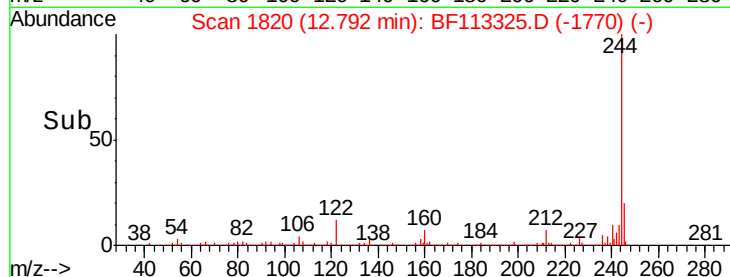
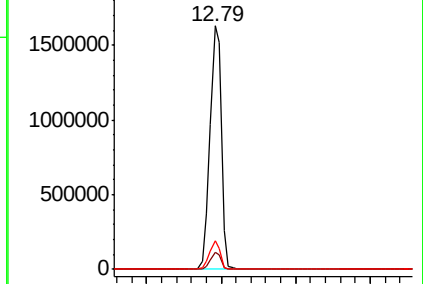
122 11.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.143 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

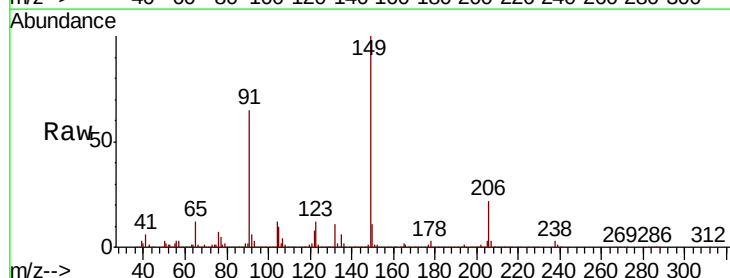
Tgt Ion:149 Resp: 582422

Ion Ratio Lower Upper

149 100

91 65.1 55.2 82.8

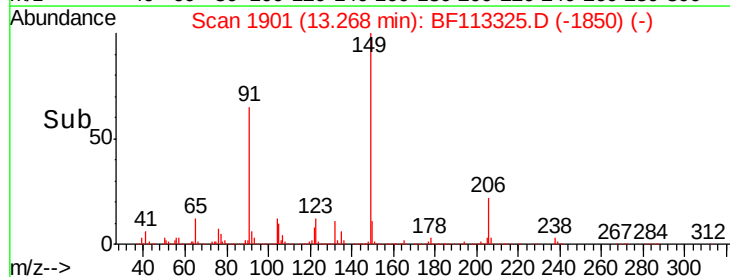
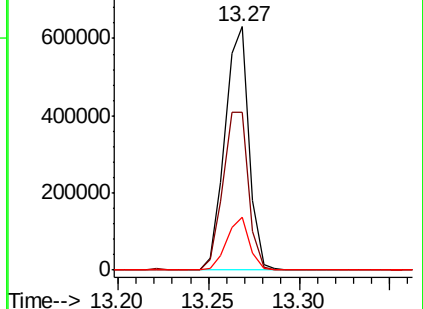
206 21.9 16.1 24.1

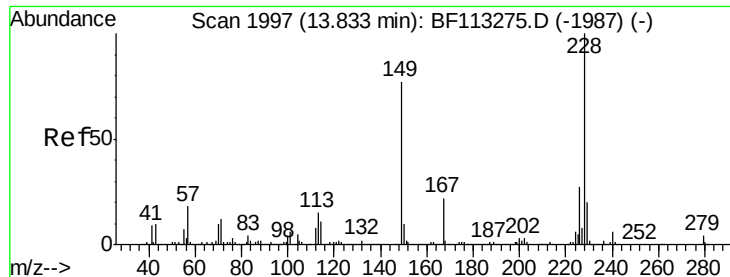


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.929 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

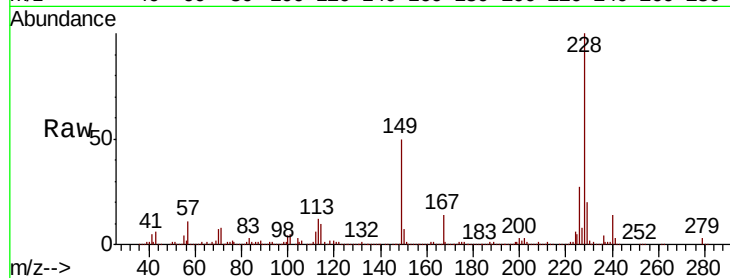
Tgt Ion:228 Resp: 998056

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 20.1 16.2 24.4

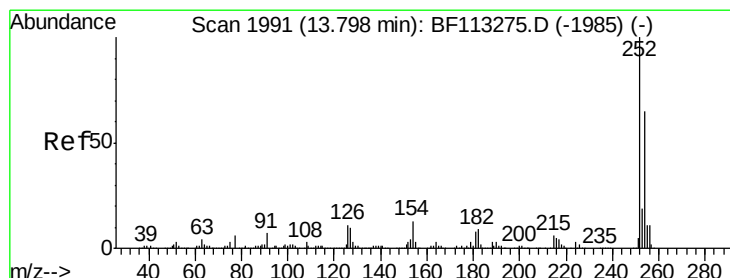
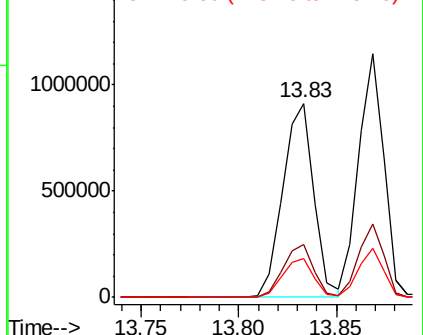
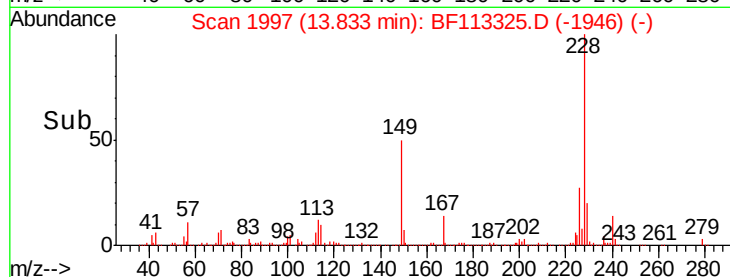


Abundance

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: 22.575 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

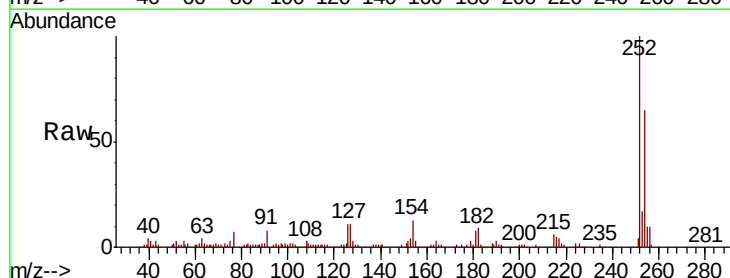
Tgt Ion:252 Resp: 201181

Ion Ratio Lower Upper

252 100

254 64.8 52.2 78.2

126 10.9 8.5 12.7

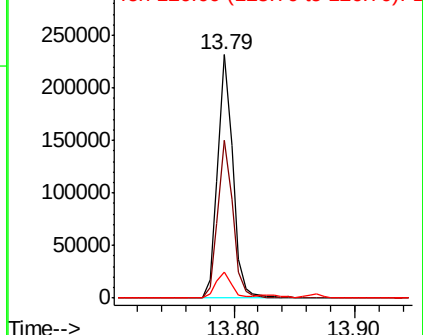
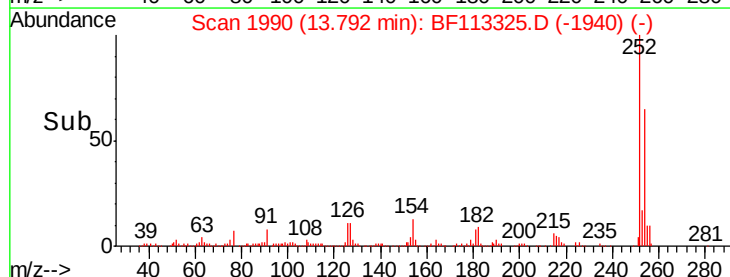


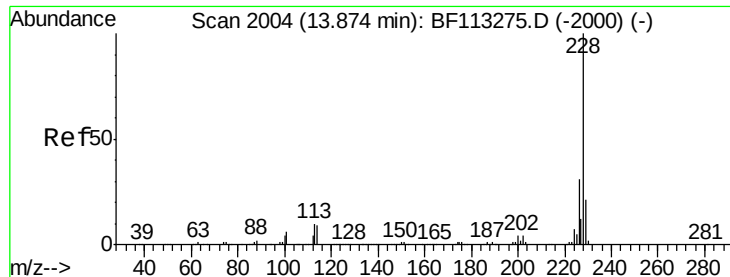
Abundance

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: 46.190 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

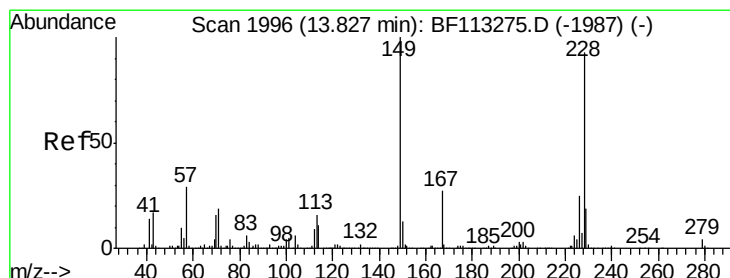
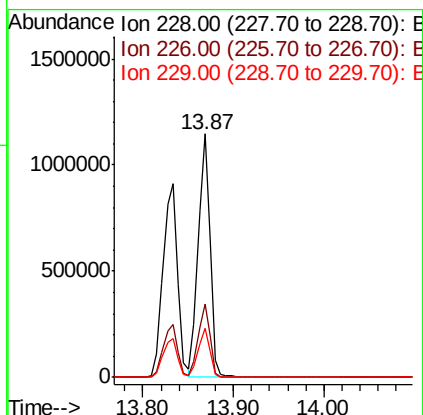
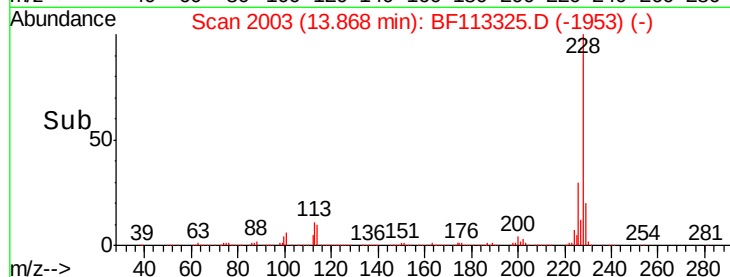
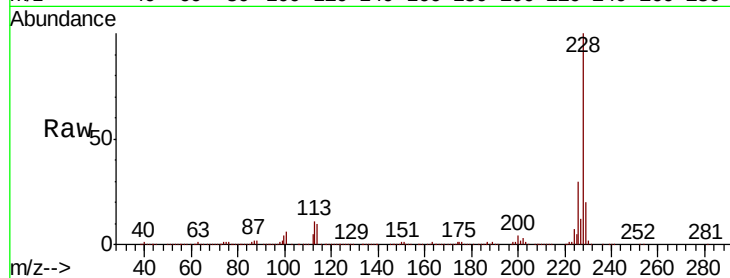
Tgt Ion:228 Resp: 1042186

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.1 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.922 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

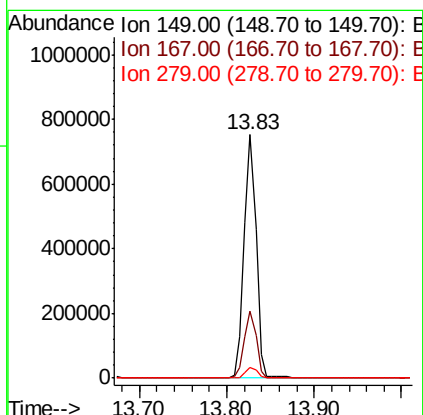
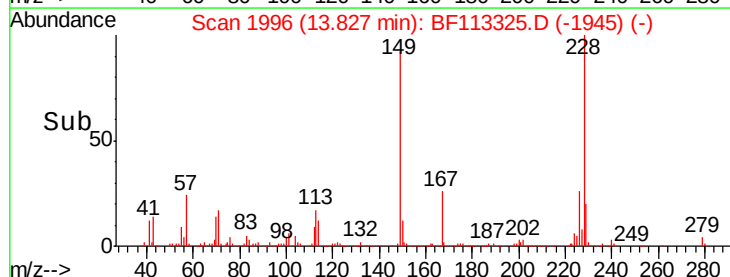
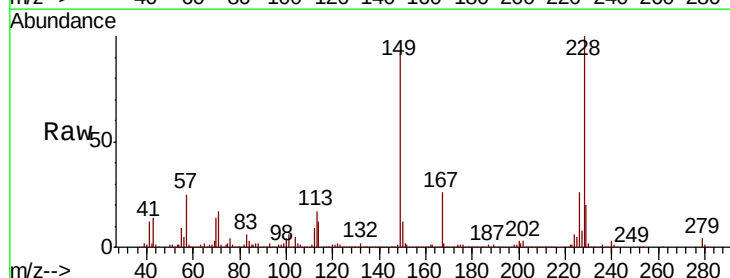
Tgt Ion:149 Resp: 681729

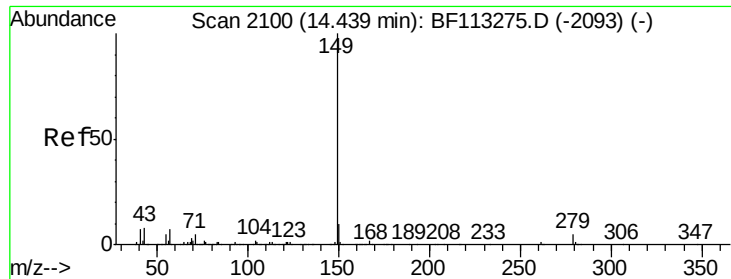
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.1 2.9 4.3

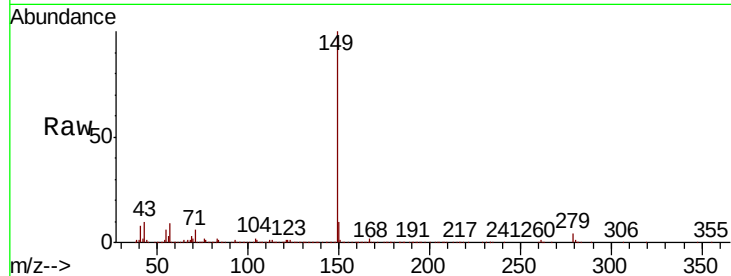




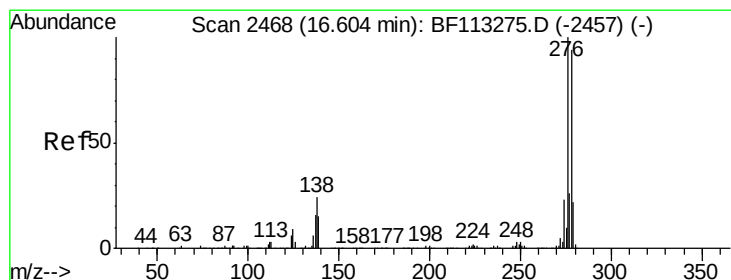
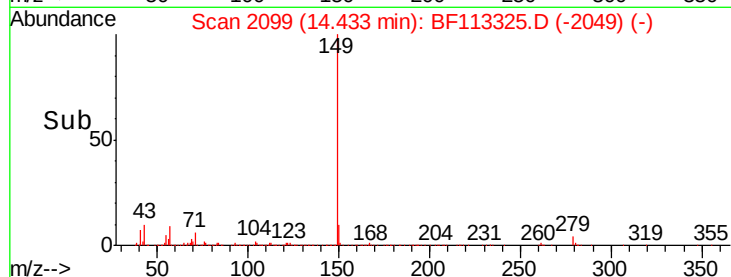
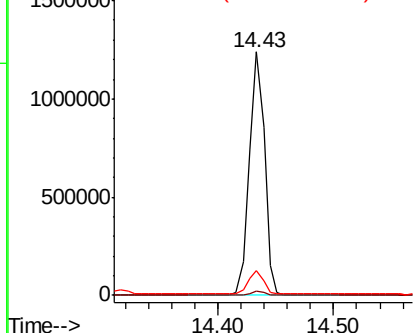
#85
Di-n-octyl phthalate
Concen: 45.728 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:149 Resp: 1127733
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 7.7 11.5

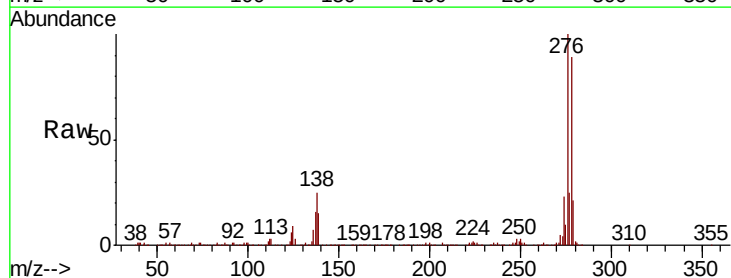


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

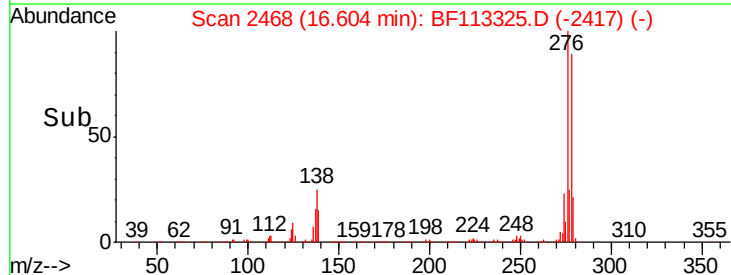
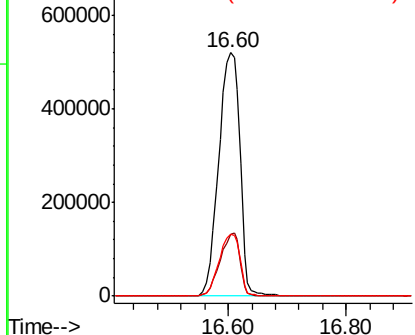


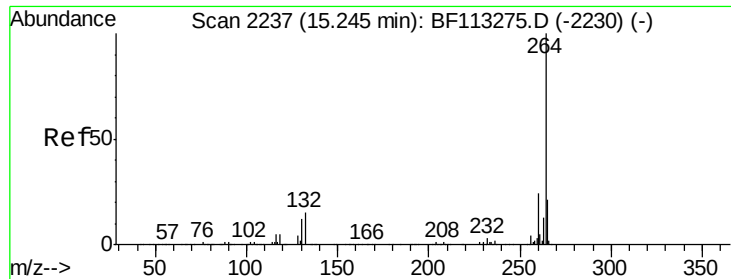
#86
Indeno(1,2,3-cd)pyrene
Concen: 67.273 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:276 Resp: 1302686
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 25.2 20.2 30.4



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

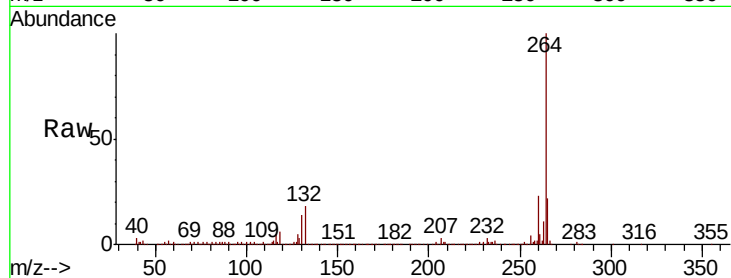
Tgt Ion:264 Resp: 406631

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

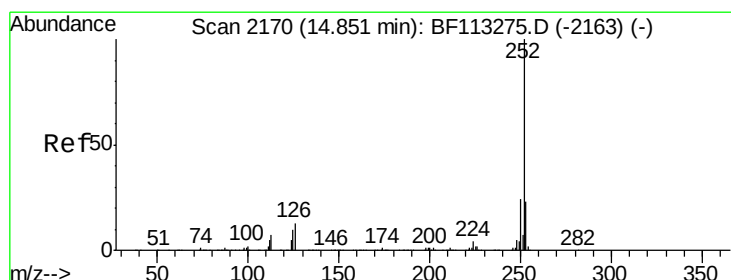
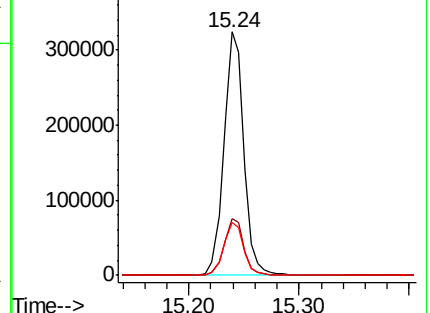
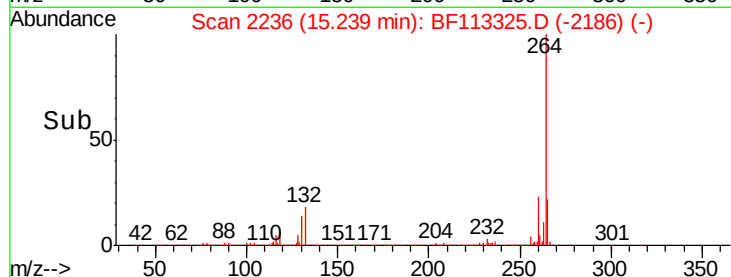
265 21.7 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.241 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

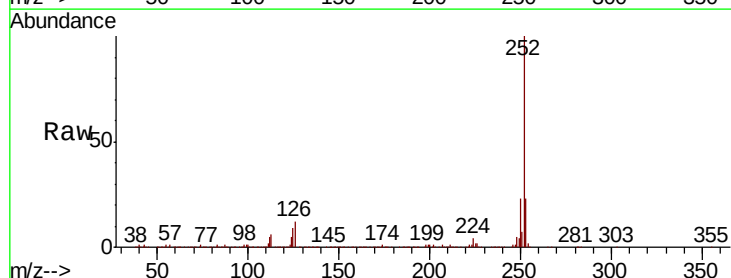
Tgt Ion:252 Resp: 1092261

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

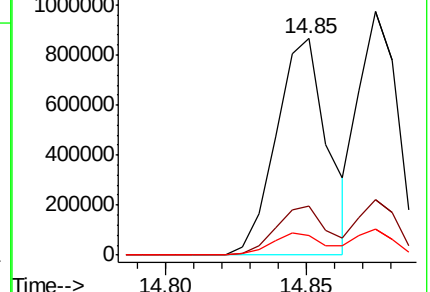
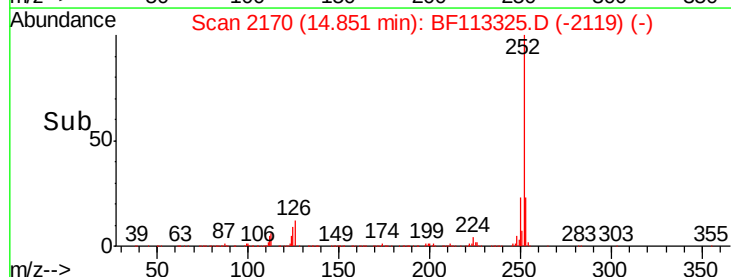
125 9.2 7.6 11.4

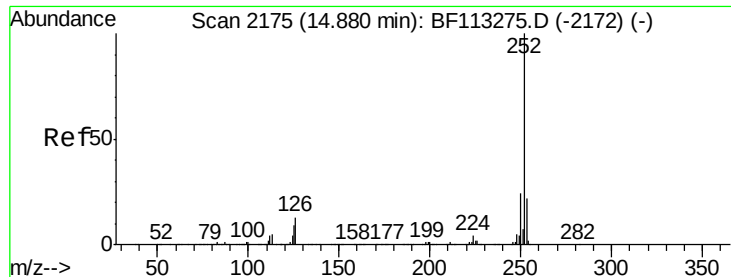


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

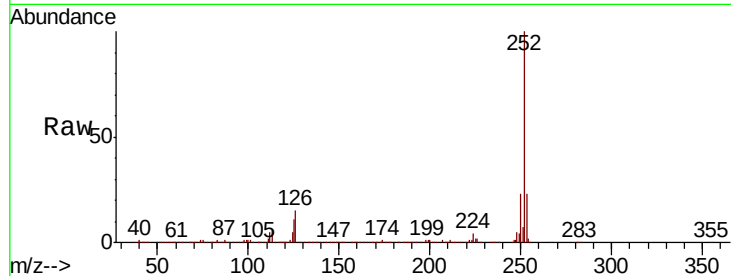




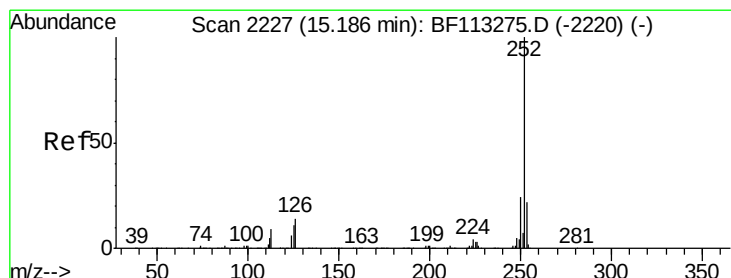
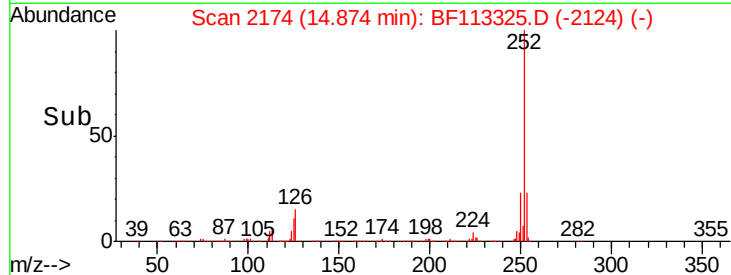
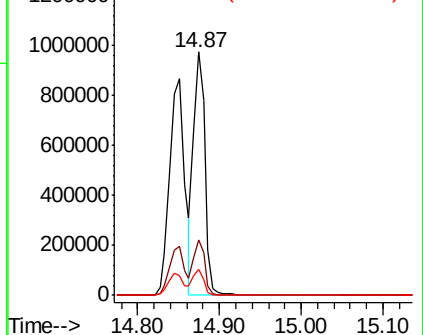
#89
Benzo(k)fluoranthene
Concen: 42.502 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tgt Ion:252 Resp: 942807
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.8 7.3 10.9

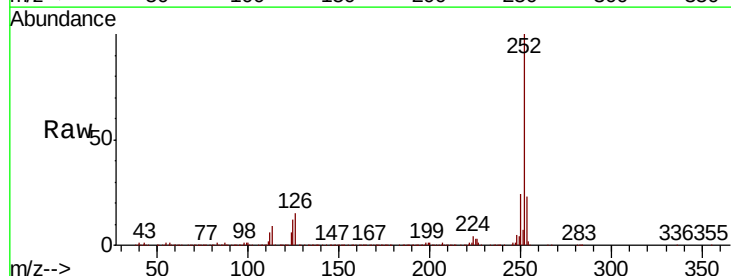


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

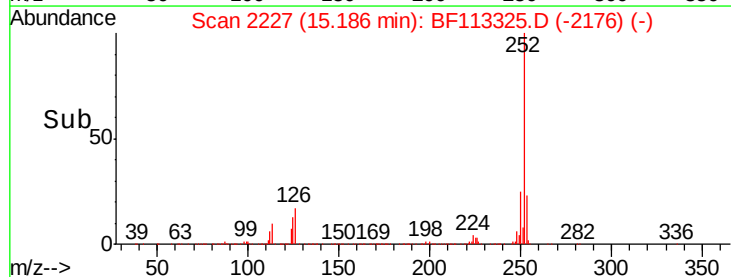
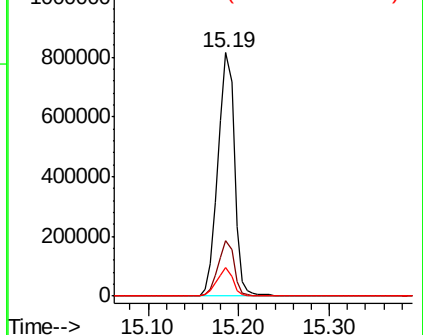


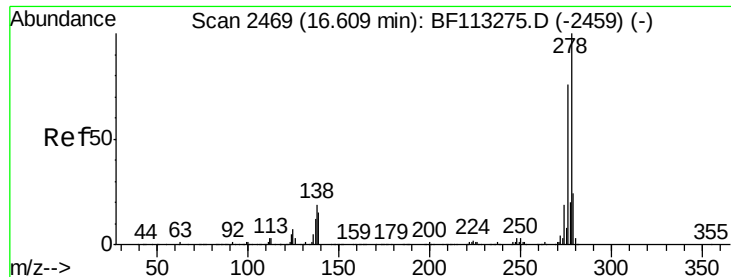
#90
Benzo(a)pyrene
Concen: 45.908 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:252 Resp: 1028052
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.7 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: 55.836 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

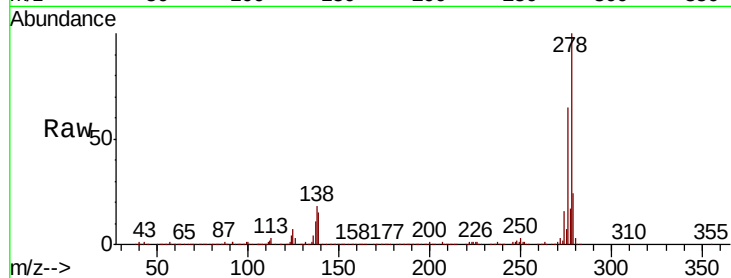
Tgt Ion:278 Resp: 1081143

Ion Ratio Lower Upper

278 100

139 14.6 12.0 18.0

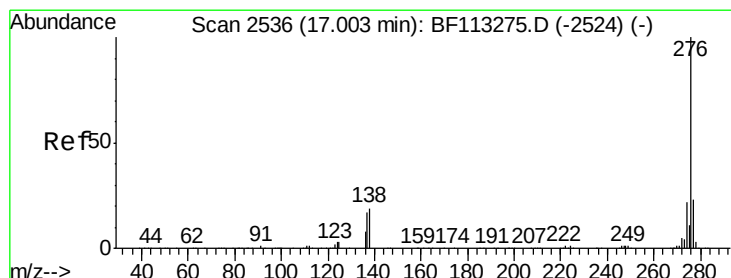
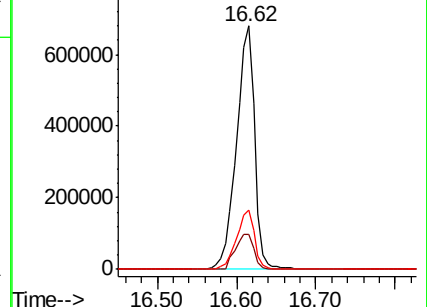
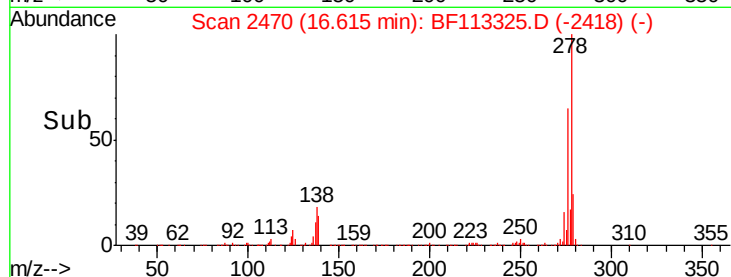
279 24.1 19.0 28.6



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: 58.638 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

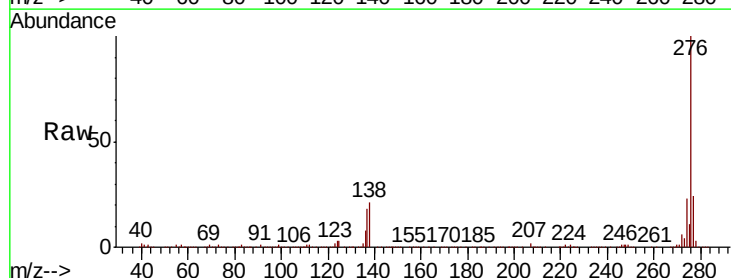
Tgt Ion:276 Resp: 1144808

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 21.0 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

