

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113273.D
 Acq On : 25 Mar 2019 11:38
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 13:30:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:25:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	143484	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	633411	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	254772	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	516150	20.00	ng	0.00
76) Chrysene-d12	13.84	240	452270	20.00	ng	0.00
87) Perylene-d12	15.24	264	426896	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	171253	18.57	ng	0.00
7) Phenol-d6	6.35	99	254322	21.95	ng	-0.01
23) Nitrobenzene-d5	7.26	82	197061	18.62	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	70306	25.99	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	492290	26.30	ng	0.00
79) Terphenyl-d14	12.79	244	494086	21.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	45314	9.800	ng	98
3) Pyridine	3.10	79	99549	8.048	ng	# 93
4) n-Nitrosodimethylamine	3.00	42	45053	8.326	ng	99
6) Aniline	6.36	93	153208	9.606	ng	# 74
8) 2-Chlorophenol	6.49	128	112263	10.933	ng	98
9) Benzaldehyde	6.25	77	90602	10.852	ng	97
10) Phenol	6.36	94	139195	10.295	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	99019	9.541	ng	99
12) 1,3-Dichlorobenzene	6.65	146	124833	11.769	ng	96
13) 1,4-Dichlorobenzene	6.72	146	117044	11.003	ng	98
14) 1,2-Dichlorobenzene	6.87	146	123718	12.687	ng	98
15) Benzyl Alcohol	6.85	79	78614	8.898	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	165734	9.569	ng	100
17) 2-Methylphenol	6.97	107	91886	11.031	ng	95
18) Hexachloroethane	7.22	117	37985	9.322	ng	96
19) n-Nitroso-di-n-propylamine	7.11	70	82936	11.302	ng	94
20) 3+4-Methylphenols	7.12	107	121373	12.906	ng	97
22) Acetophenone	7.11	105	156234	10.549	ng	# 97
24) Nitrobenzene	7.28	77	102861	8.731	ng	96
25) Isophorone	7.52	82	199832	8.763	ng	97
26) 2-Nitrophenol	7.60	139	54202	11.052	ng	93
27) 2,4-Dimethylphenol	7.65	122	85239	9.342	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	144734	10.151	ng	98
29) 2,4-Dichlorophenol	7.85	162	101285	11.447	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	109699	11.538	ng	97
31) Naphthalene	8.00	128	355214	11.295	ng	99
32) Benzoic acid	7.75	122	45156	7.061	ng	98
33) 4-Chloroaniline	8.06	127	146162	10.973	ng	98
34) Hexachlorobutadiene	8.13	225	67134	12.521	ng	98
35) Caprolactam	8.40	113	30562	9.807	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	101770	10.393	ng	96
37) 2-Methylnaphthalene	8.70	142	218337	10.751	ng	99
38) 1-Methylnaphthalene	8.80	142	205998	10.471	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	95206	12.815	ng	99

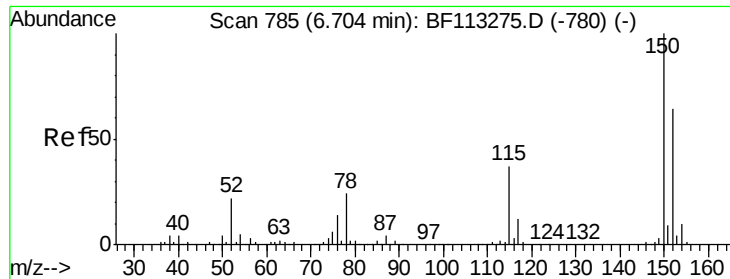
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	20137	4.950	ng	99
43) 2,4,6-Trichlorophenol	8.98	196	60274	11.788	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	73249	13.254	ng	96
46) 1,1'-Biphenyl	9.16	154	271894	13.084	ng	99
47) 2-Chloronaphthalene	9.18	162	206170	12.706	ng	99
48) 2-Nitroaniline	9.28	65	57959	11.751	ng	97
49) Acenaphthylene	9.60	152	305175	11.079	ng	97
50) Dimethylphthalate	9.46	163	202416	10.775	ng	100
51) 2,6-Dinitrotoluene	9.52	165	44722	11.432	ng	89
52) Acenaphthene	9.77	154	171332	10.636	ng	99
53) 3-Nitroaniline	9.69	138	49480	10.380	ng	91
54) 2,4-Dinitrophenol	9.80	184	15172	15.170	ng	96
55) Dibenzofuran	9.94	168	264606	11.302	ng	98
56) 4-Nitrophenol	9.87	139	29676	7.660	ng	97
57) 2,4-Dinitrotoluene	9.93	165	58164	11.961	ng	92
58) Fluorene	10.28	166	207380	12.480	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.02	232	45729	9.931	ng	95
60) Diethylphthalate	10.16	149	206364	10.401	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	101344	13.108	ng	94
62) 4-Nitroaniline	10.29	138	51495	11.691	ng	96
63) Azobenzene	10.43	77	194365	9.564	ng	99
65) 4,6-Dinitro-2-methylphenol	10.34	198	23122	14.468	ng	96
66) n-Nitrosodiphenylamine	10.39	169	175623	10.609	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	63578	11.694	ng	94
68) Hexachlorobenzene	10.83	284	73235	11.950	ng	98
69) Atrazine	10.92	200	56518	11.148	ng	99
70) Pentachlorophenol	11.03	266	27860	7.724	ng	96
71) Phenanthrene	11.23	178	303087	11.802	ng	98
72) Anthracene	11.29	178	307305	11.432	ng	99
73) Carbazole	11.45	167	289372	11.035	ng	98
74) Di-n-butylphthalate	11.77	149	331543	10.544	ng	99
75) Fluoranthene	12.42	202	336641	12.235	ng	97
77) Benzidine	12.54	184	197260	8.407	ng	96
78) Pyrene	12.65	202	344679	9.040	ng	98
80) Butylbenzylphthalate	13.26	149	142513	8.468	ng	99
81) Benzo(a)anthracene	13.83	228	293785	9.372	ng	100
82) 3,3'-Dichlorobenzidine	13.79	252	120036	10.125	ng	99
83) Chrysene	13.86	228	296948	9.671	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	183926	9.317	ng	100
85) Di-n-octyl phthalate	14.43	149	314790	9.287	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	266613	10.185	ng	99
88) Benzo(b)fluoranthene	14.84	252	276334	10.007	ng	99
89) Benzo(k)fluoranthene	14.87	252	266128	10.640	ng	99
90) Benzo(a)pyrene	15.18	252	253560	10.382	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	225842	10.836	ng	99
92) Benzo(g,h,i)perylene	16.99	276	213729	10.213	ng	99

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

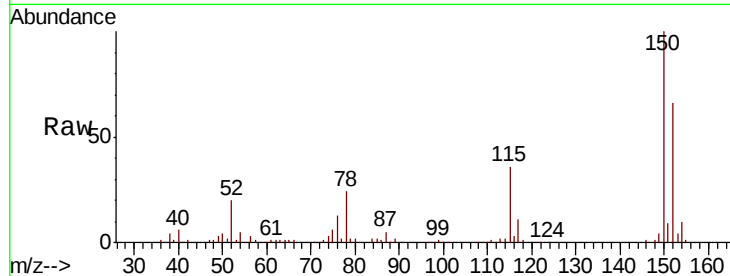


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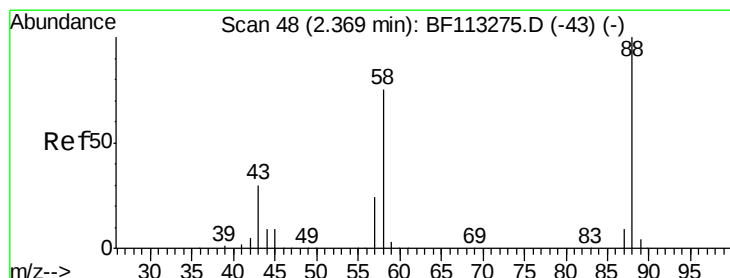
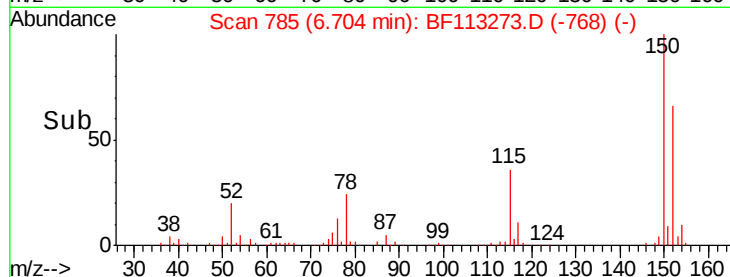
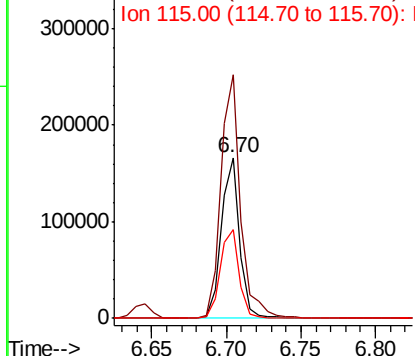
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143484
Ion Ratio Lower Upper
152 100
150 151.2 124.7 187.1
115 55.2 46.0 69.0



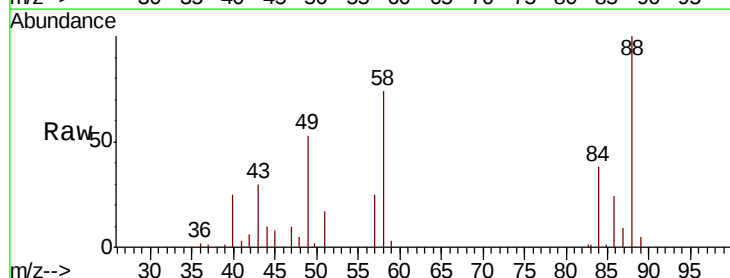
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



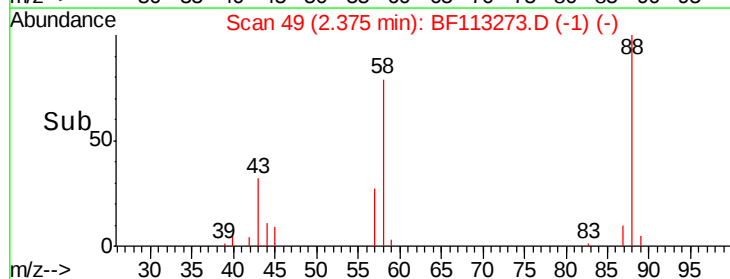
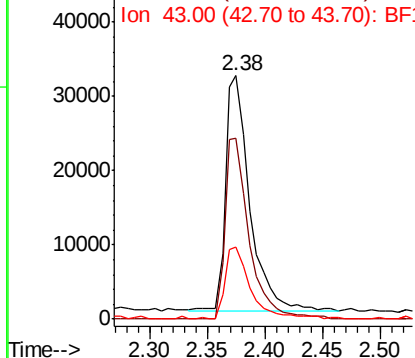
#2

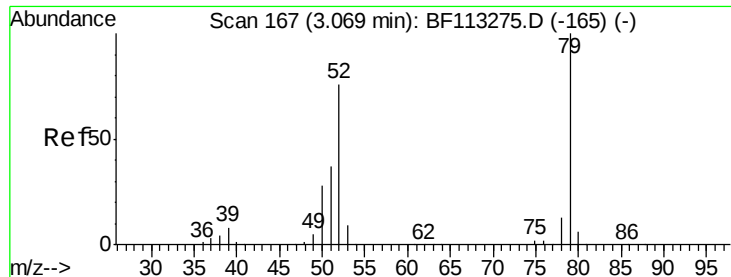
1,4-Dioxane
Concen: 9.800 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion: 88 Resp: 45314
Ion Ratio Lower Upper
88 100
58 77.9 61.9 92.9
43 33.2 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

Pvridine

Concen: 8.048 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.04 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

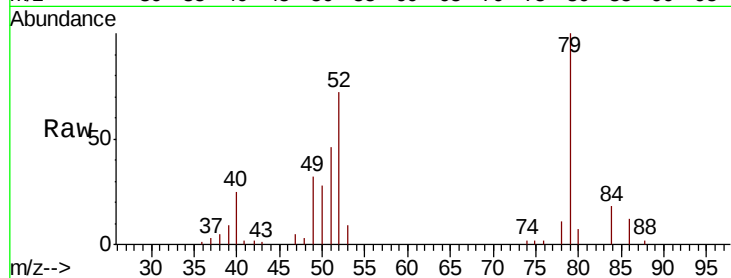
Tot Ion: 79 Resp: 99549

Ion Ratio Lower Upper

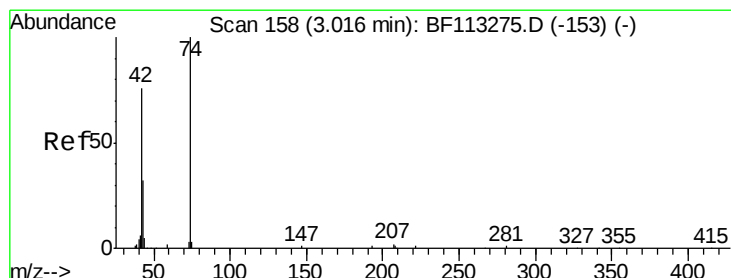
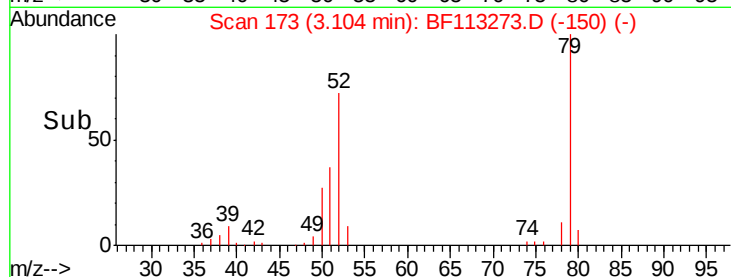
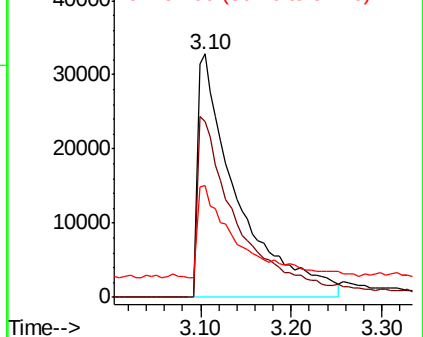
79 100

52 72.5 61.0 91.4

51 45.9 30.6 45.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 8.326 ng

RT: 3.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

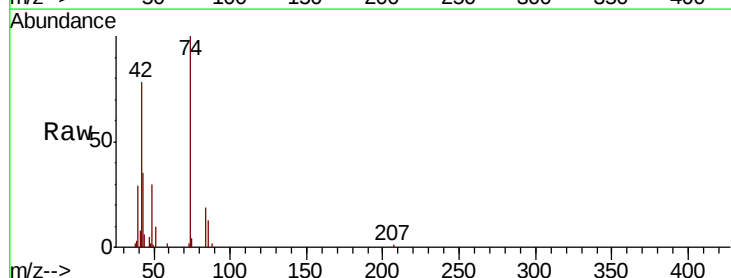
Tgt Ion: 42 Resp: 45053

Ion Ratio Lower Upper

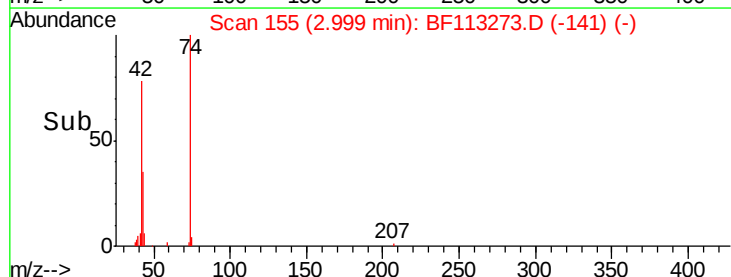
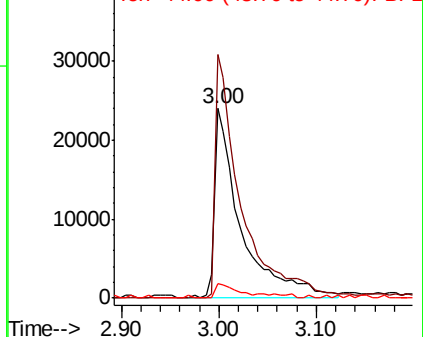
42 100

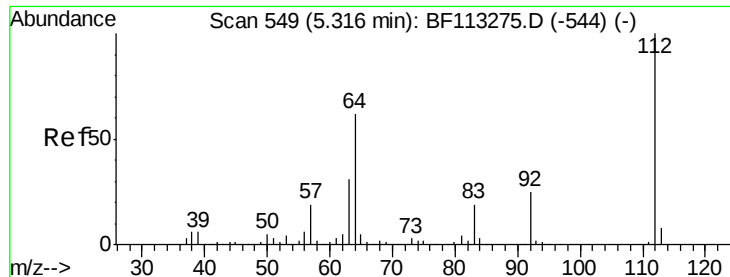
74 128.7 102.4 153.6

44 7.4 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 18.566 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

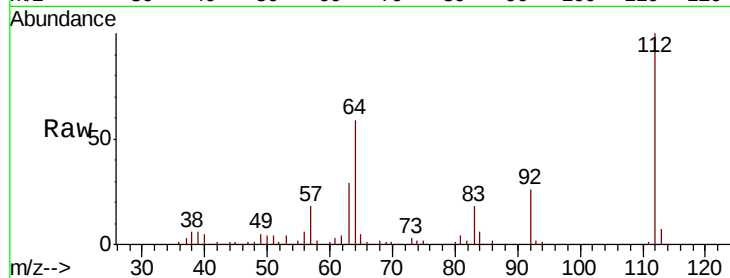
Tot Ion:112 Resp: 171253

Ion Ratio Lower Upper

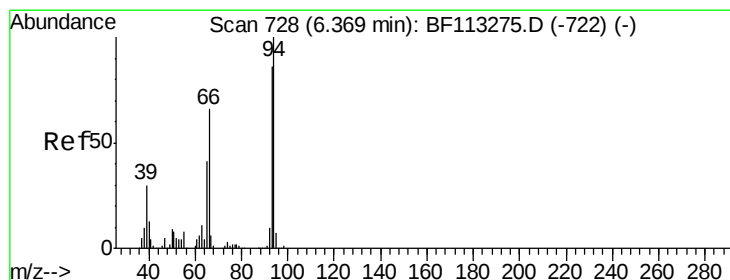
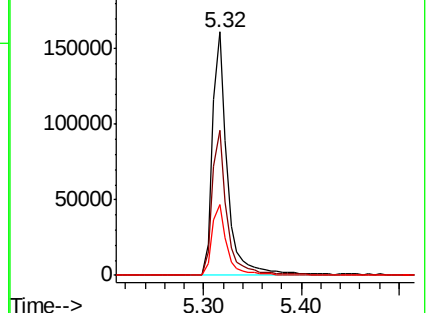
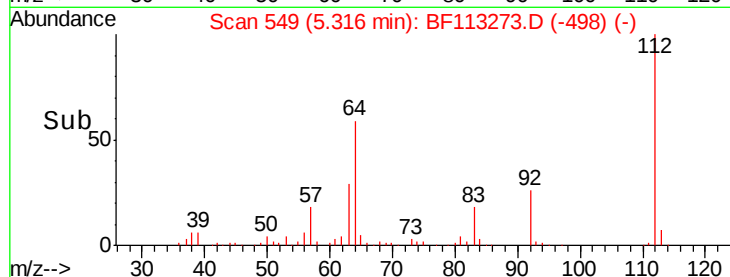
112 100

64 59.4 49.2 73.8

63 29.3 24.9 37.3



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



#6

Aniline

Concen: 9.606 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

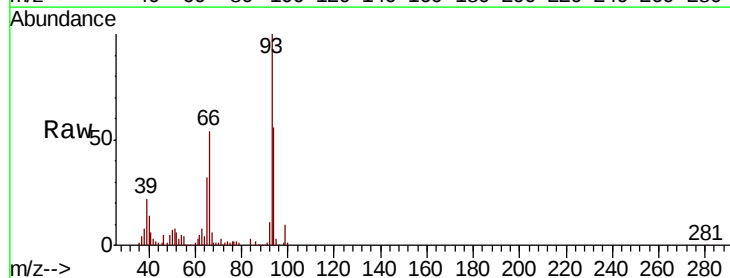
Tgt Ion: 93 Resp: 153208

Ion Ratio Lower Upper

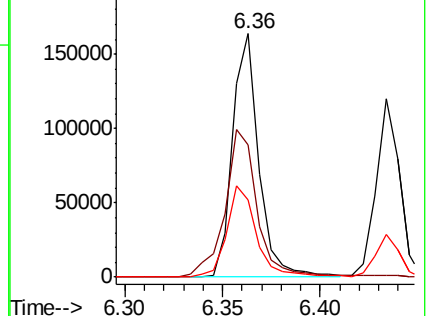
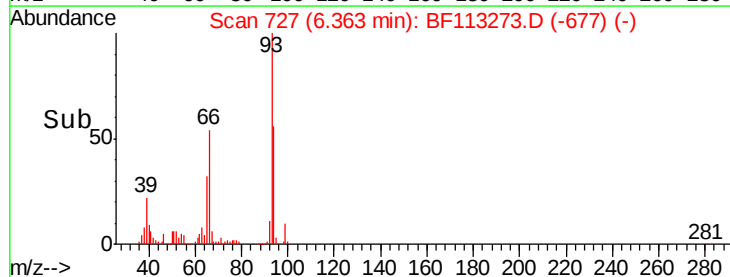
93 100

66 54.4 62.1 93.1#

65 31.7 38.7 58.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 21.949 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

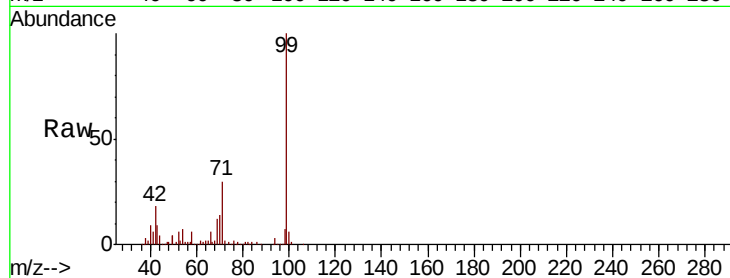
Tot Ion: 99 Resp: 254322

Ion Ratio Lower Upper

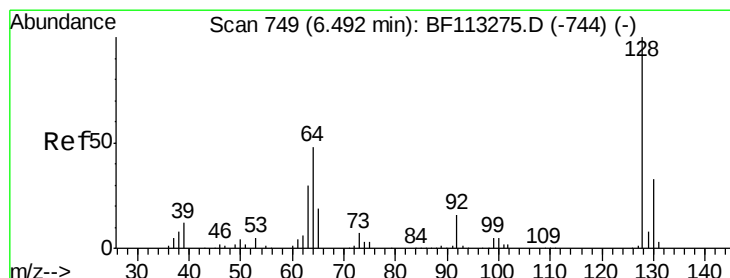
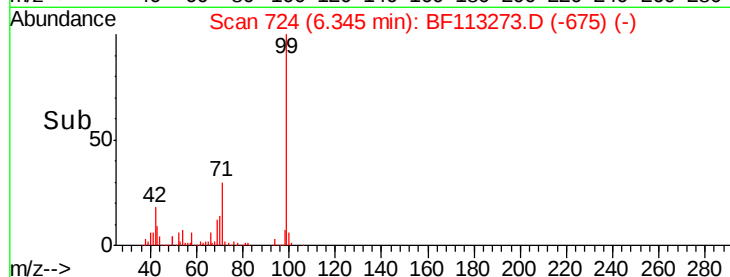
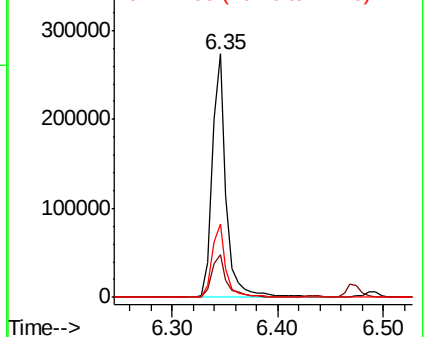
99 100

42 17.5 14.8 22.2

71 30.2 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: 10.933 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

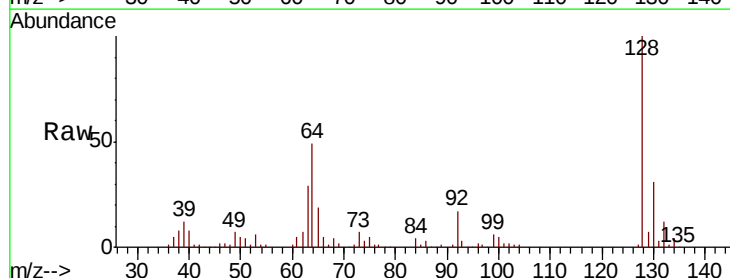
Tgt Ion: 128 Resp: 112263

Ion Ratio Lower Upper

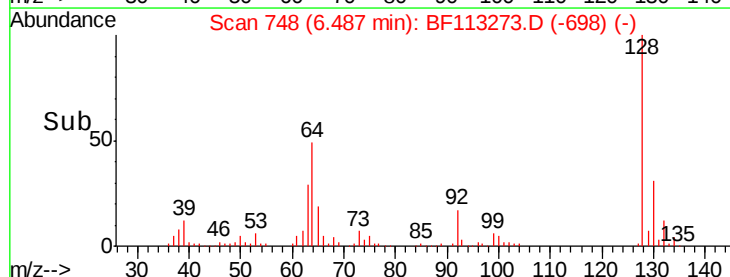
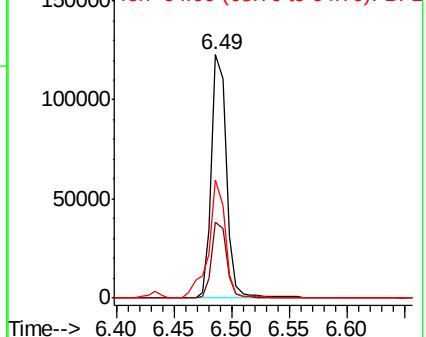
128 100

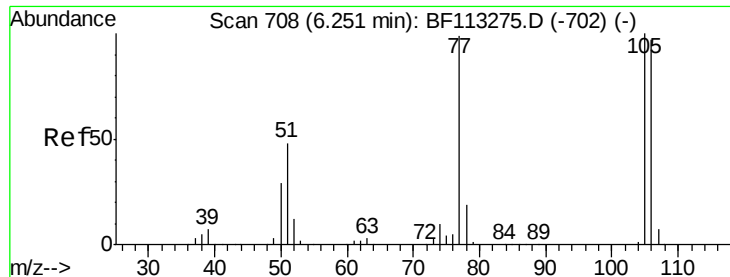
130 30.9 12.6 52.6

64 48.6 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: 10.852 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

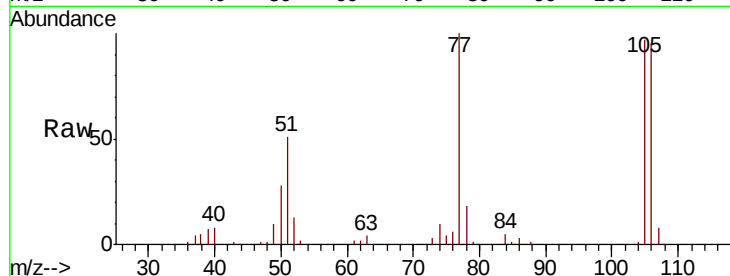
Tot Ion: 77 Resp: 90602

Ion Ratio Lower Upper

77 100

105 97.2 80.9 120.9

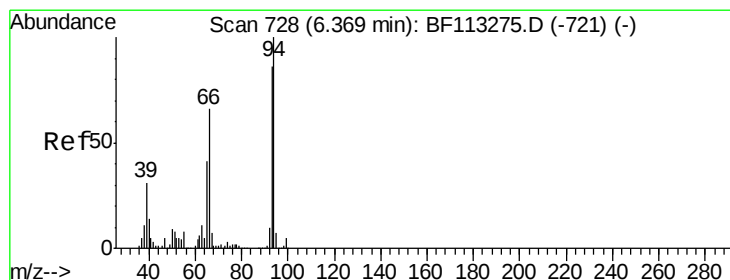
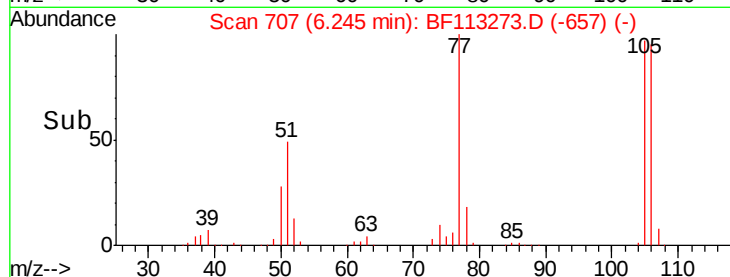
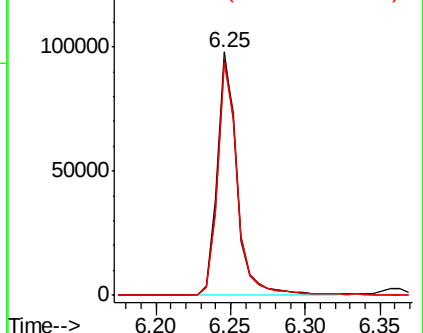
106 95.2 77.8 117.8



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: 10.295 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

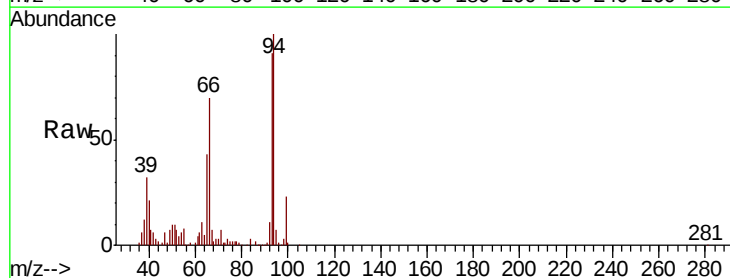
Tgt Ion: 94 Resp: 139195

Ion Ratio Lower Upper

94 100

65 42.7 21.4 61.4

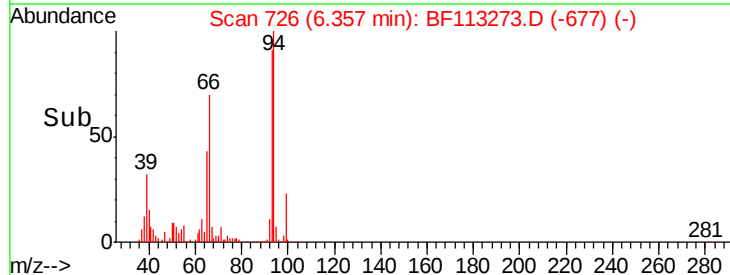
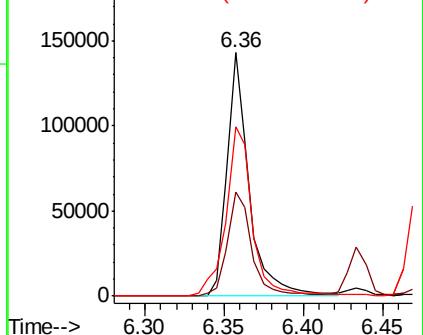
66 69.6 46.4 86.4



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



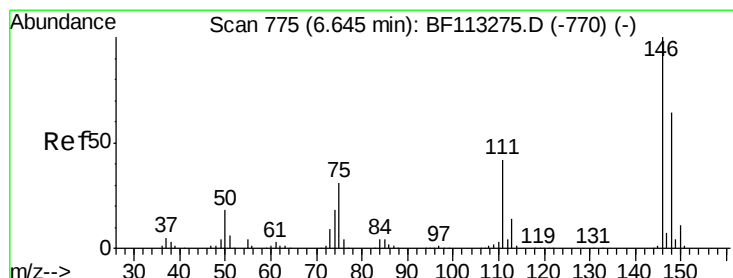
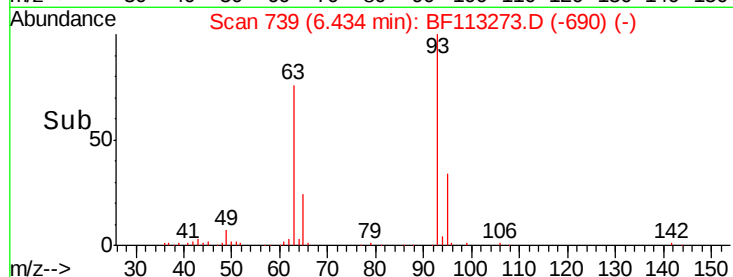
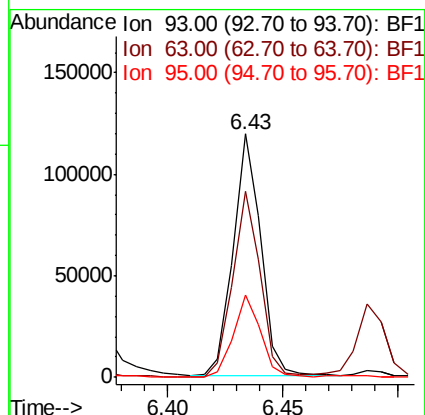
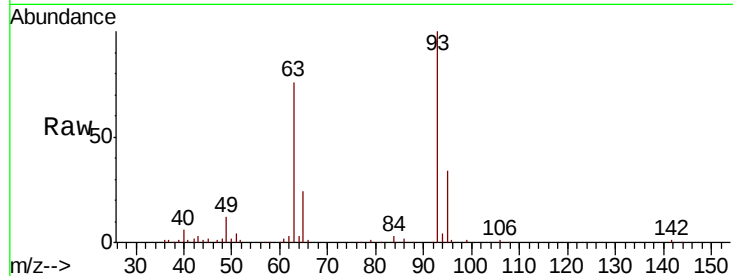


#11

bis(2-Chloroethyl)ether
Concen: 9.541 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

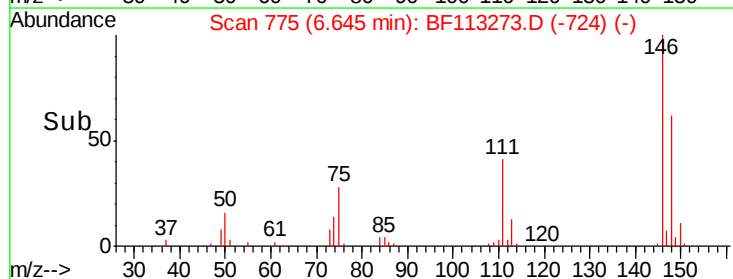
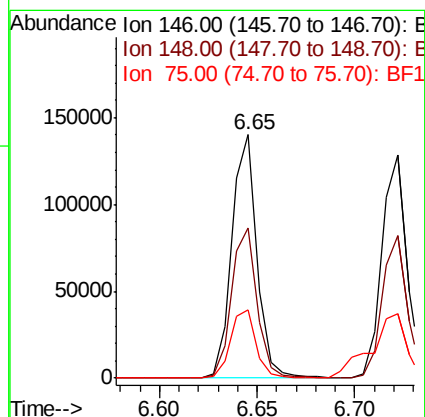
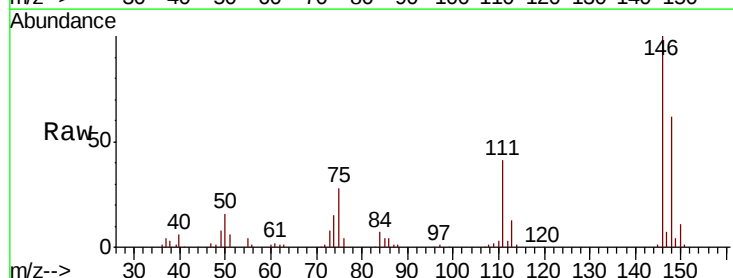
Tot Ion: 93 Resp: 99019
Ion Ratio Lower Upper
93 100
63 76.5 56.1 96.1
95 33.6 12.8 52.8

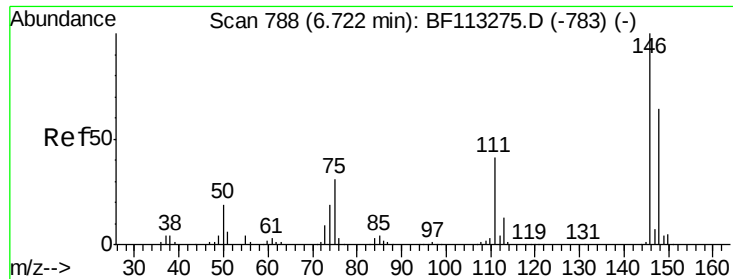


#12

1,3-Dichlorobenzene
Concen: 11.769 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion: 146 Resp: 124833
Ion Ratio Lower Upper
146 100
148 61.9 51.4 77.0
75 27.8 24.8 37.2

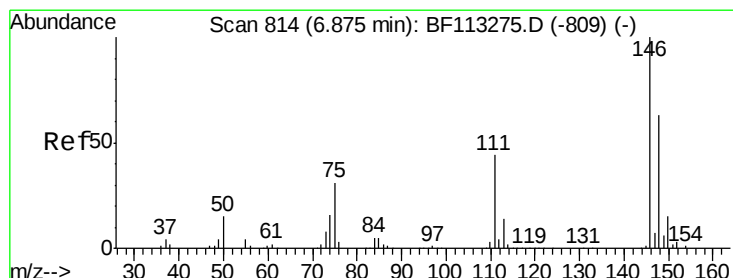
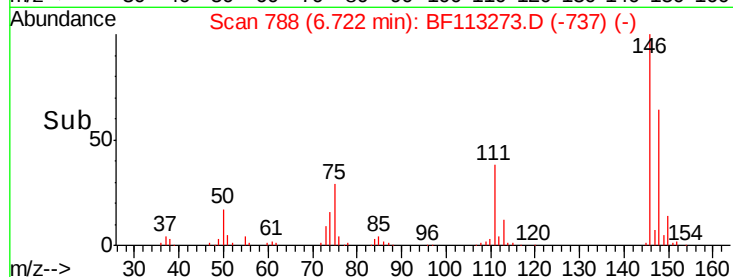
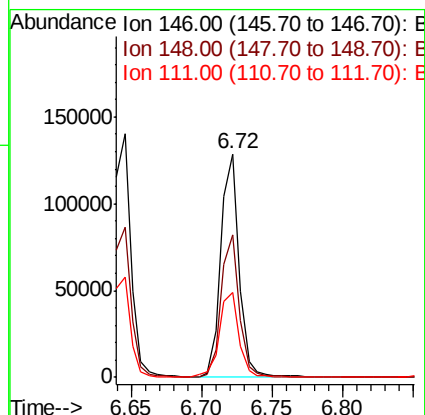
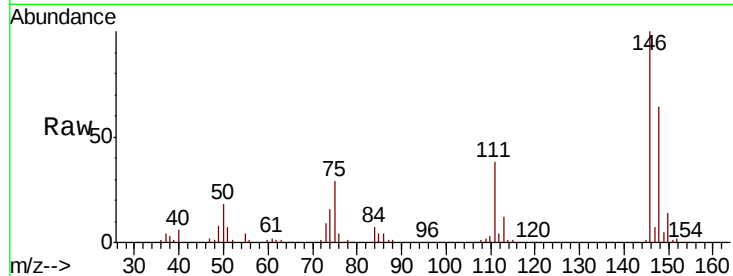




#13
 1,4-Dichlorobenzene
 Concen: 11.003 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

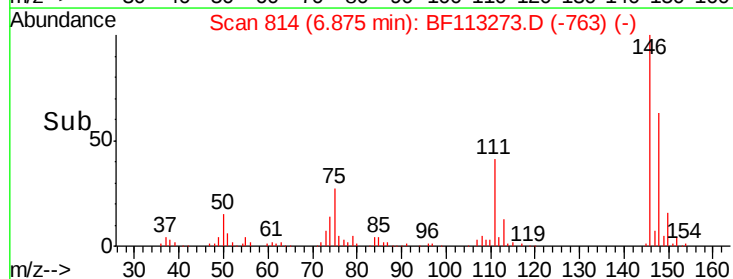
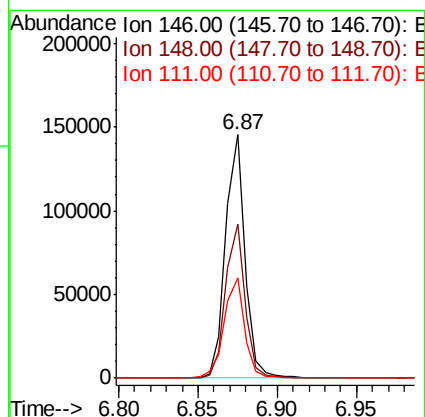
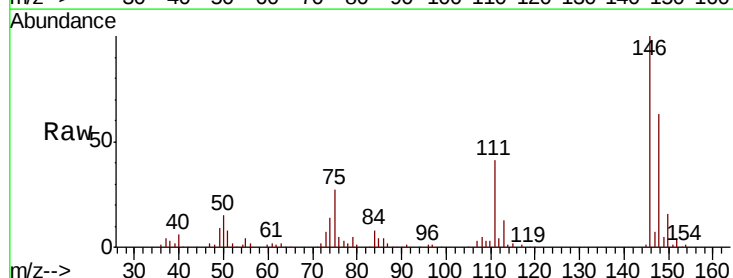
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 117044
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.1 76.7
 111 38.3 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 12.687 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion:146 Resp: 123718
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.2 75.4
 111 41.1 35.4 53.2





#15

Benzyl Alcohol

Concen: 8.898 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

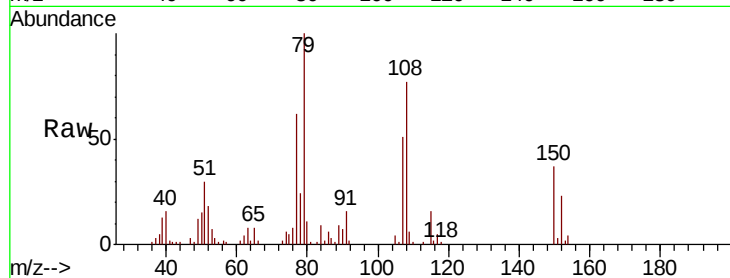
Tot Ion: 79 Resp: 78614

Ion Ratio Lower Upper

79 100

108 76.9 62.0 93.0

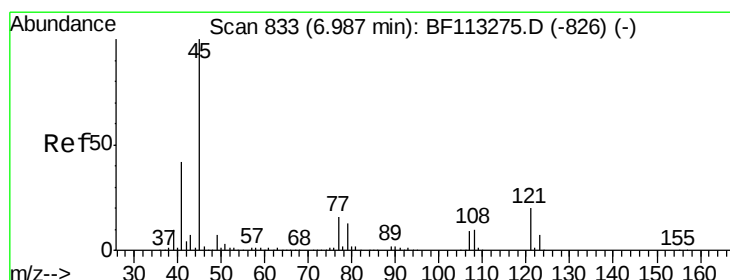
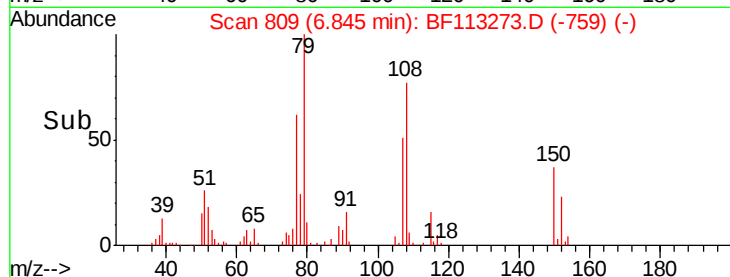
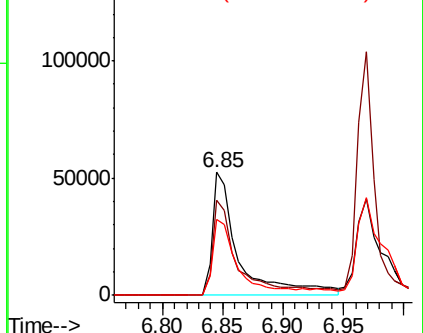
77 61.8 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.569 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

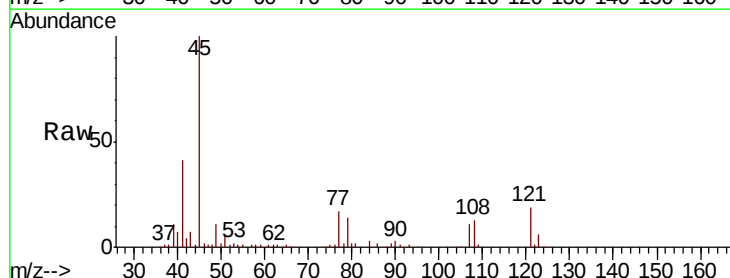
Tgt Ion: 45 Resp: 165734

Ion Ratio Lower Upper

45 100

77 16.9 0.0 36.6

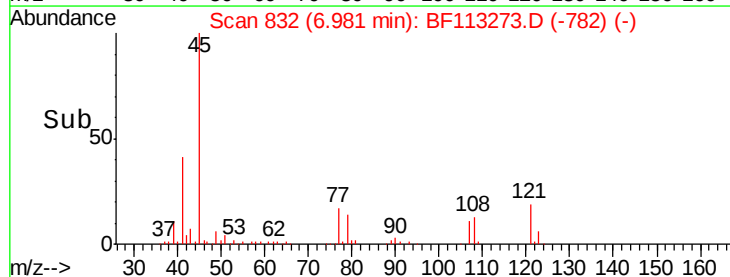
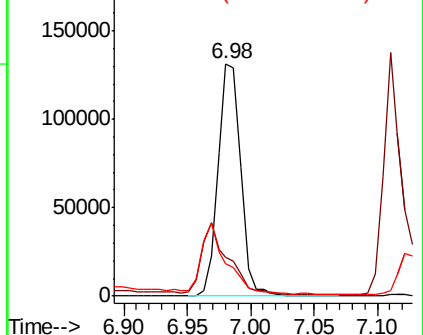
79 14.0 0.0 34.0

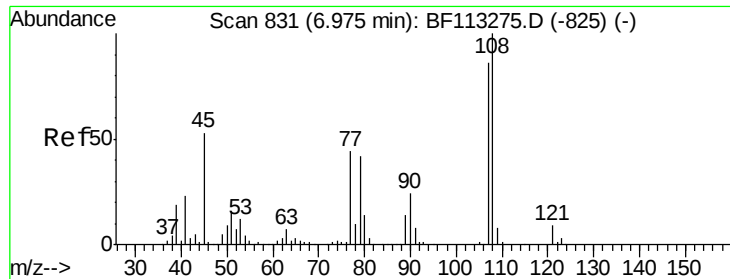


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

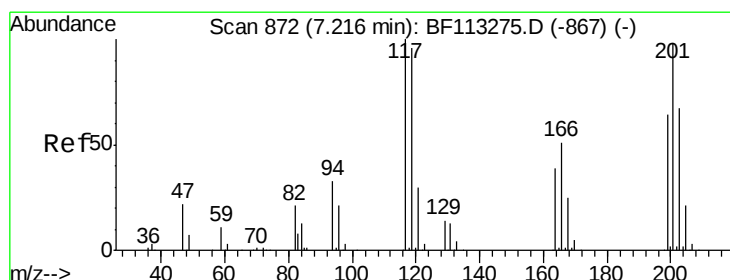
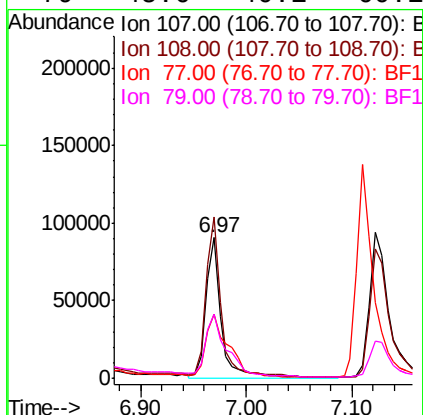
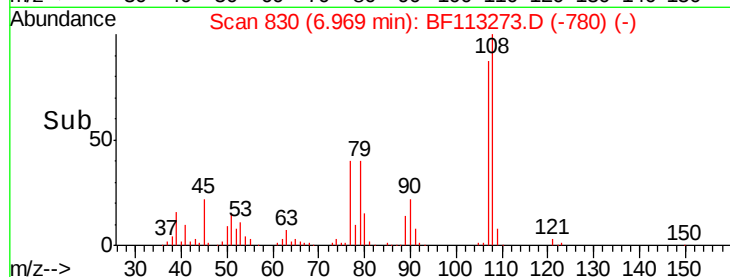
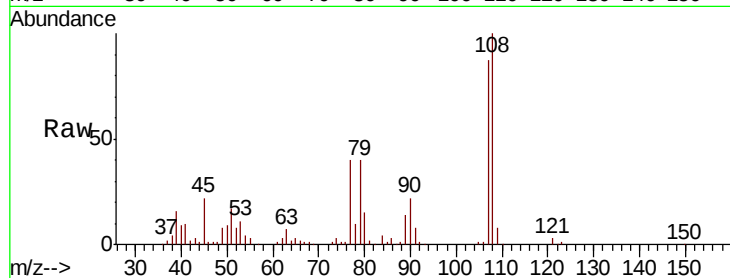




#17
2-Methylphenol
Concen: 11.031 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

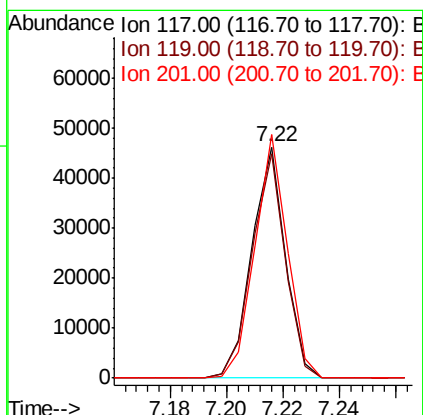
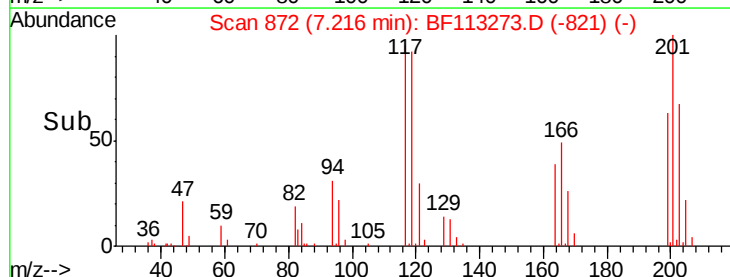
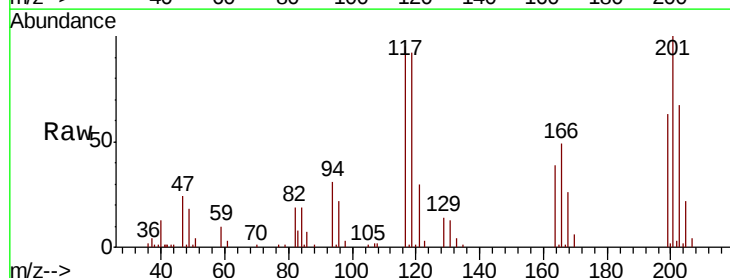
Instrument :
BNA_F
ClientSampleId :

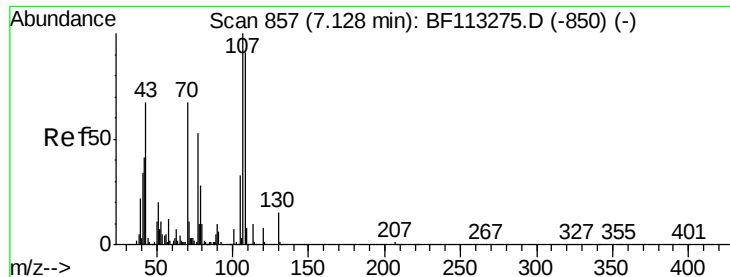
Tot Ion:107 Resp: 91886
Ion Ratio Lower Upper
107 100
108 114.4 93.4 140.0
77 45.7 41.2 61.8
79 45.6 40.1 60.1



#18
Hexachloroethane
Concen: 9.322 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:117 Resp: 37985
Ion Ratio Lower Upper
117 100
119 97.0 76.9 115.3
201 105.5 78.7 118.1

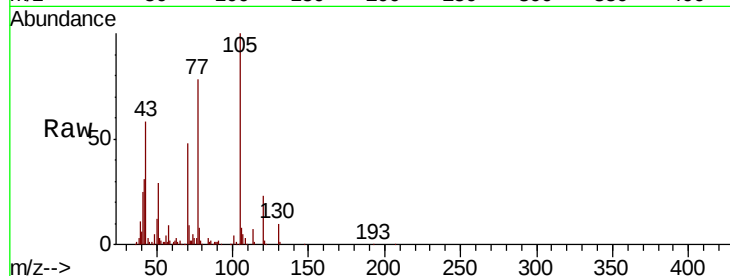




#19
n-Nitroso-di-n-propylamine
Concen: 11.302 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	82936
Ion	Ratio	Lower	Upper
70	100		
42	65.2	48.4	72.6
101	9.2	7.8	11.8
130	19.9	18.2	27.4



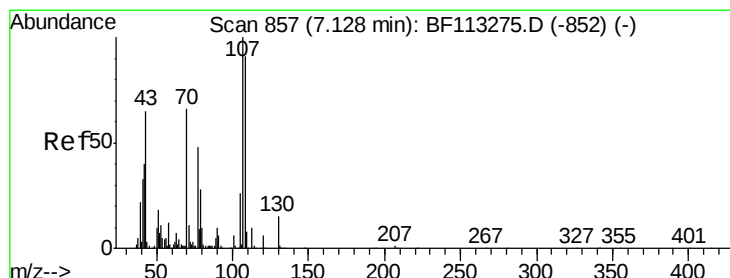
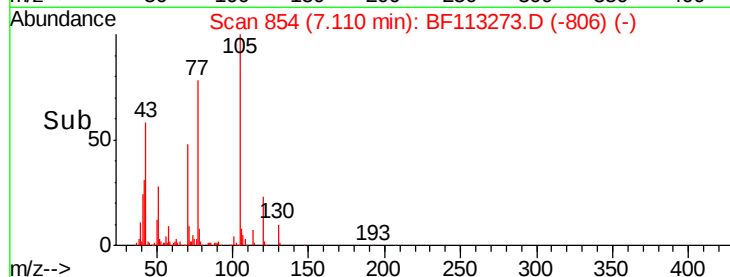
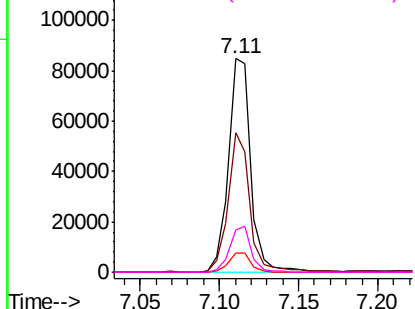
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 12.906 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:	107	Resp:	121373
Ion	Ratio	Lower	Upper
107	100		
108	88.7	71.4	111.4
77	51.8	33.5	73.5
79	25.5	8.3	48.3

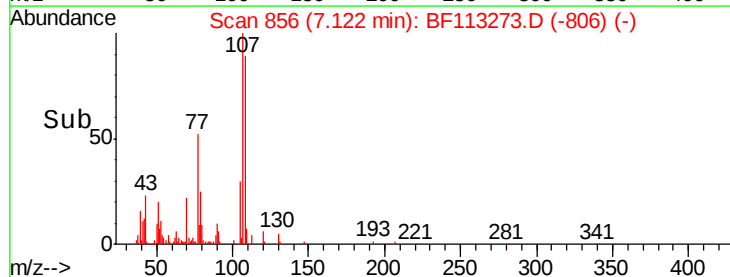
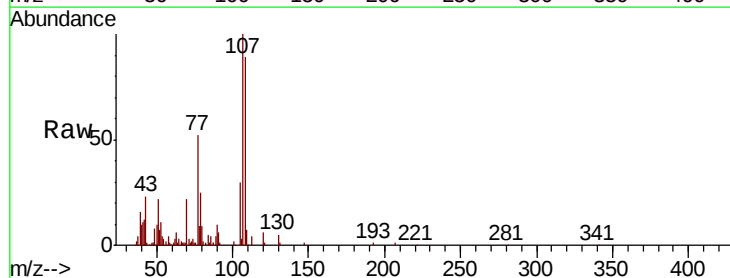
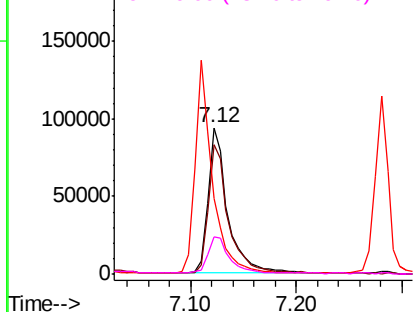
Abundance

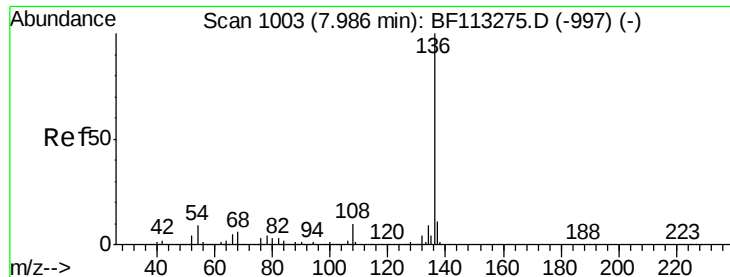
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

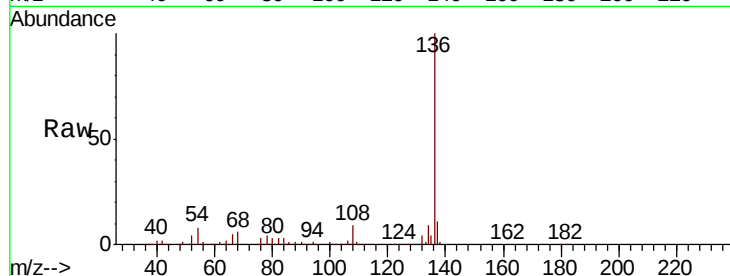




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	633411	
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	



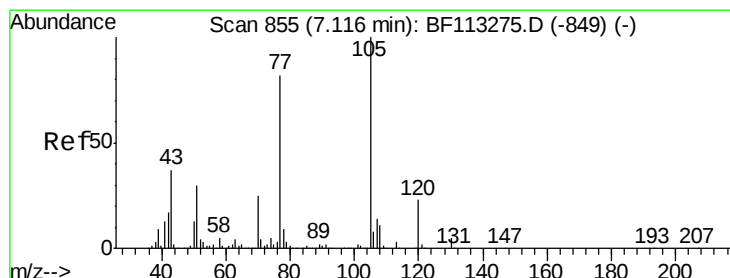
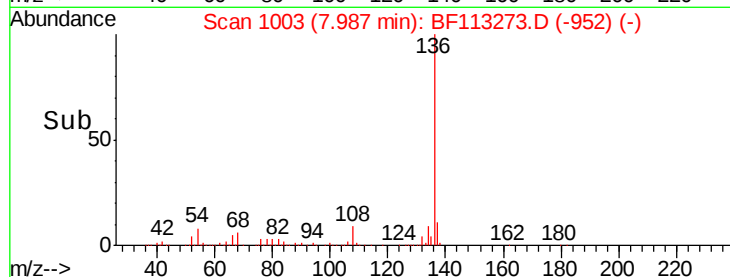
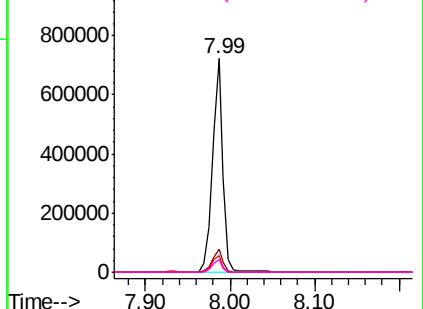
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

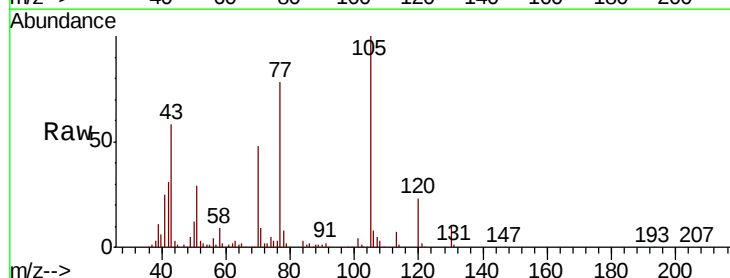
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 10.549 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt	Ion:105	Resp:	156234
Ion	Ratio	Lower	Upper
105	100		
71	8.5	3.3	4.9#
51	28.6	24.2	36.2
120	22.7	18.1	27.1



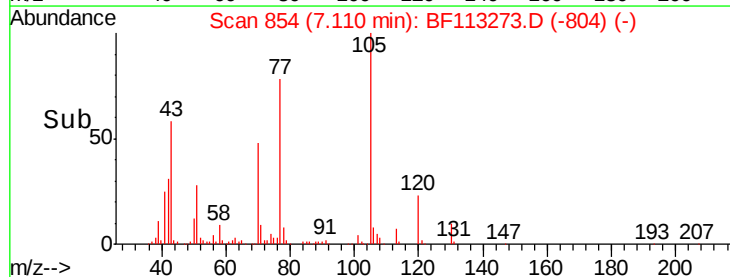
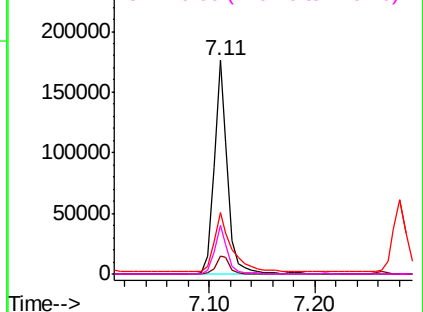
Abundance

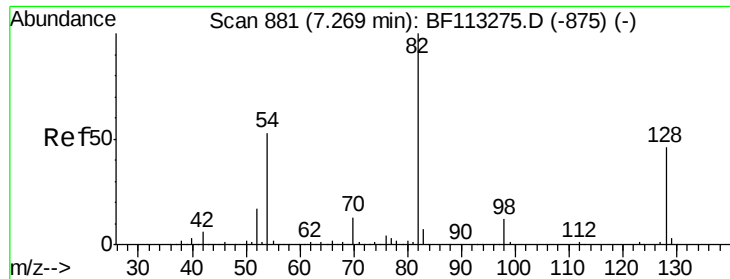
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

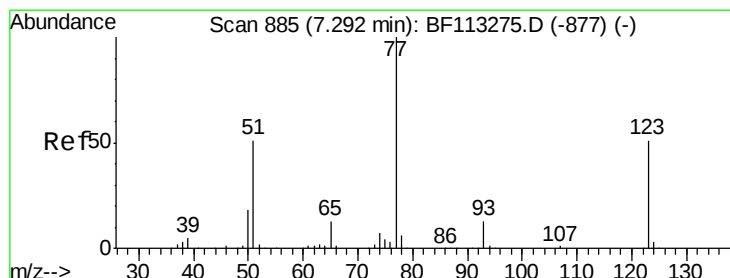
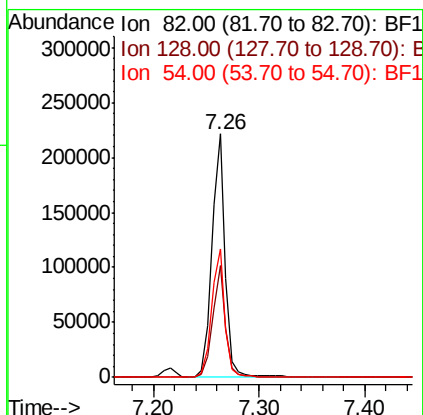
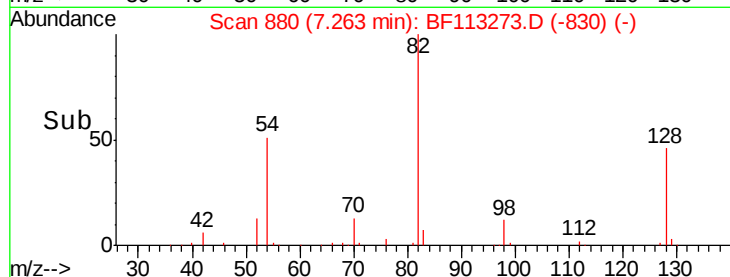
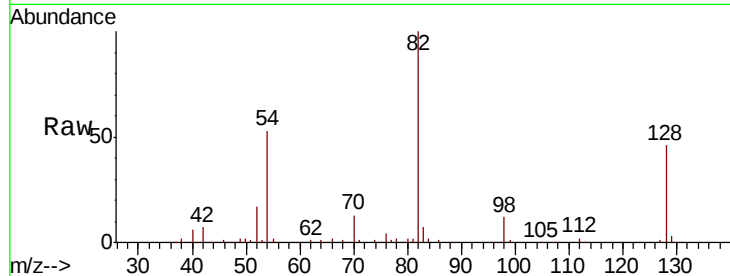




#23
Nitrobenzene-d5
Concen: 18.616 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

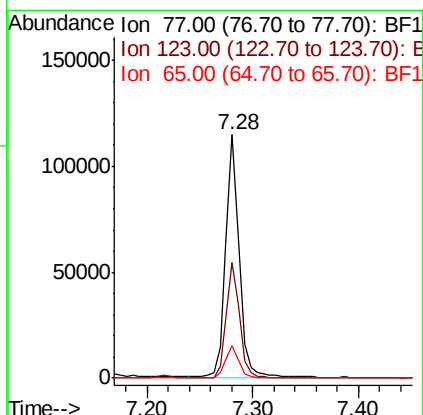
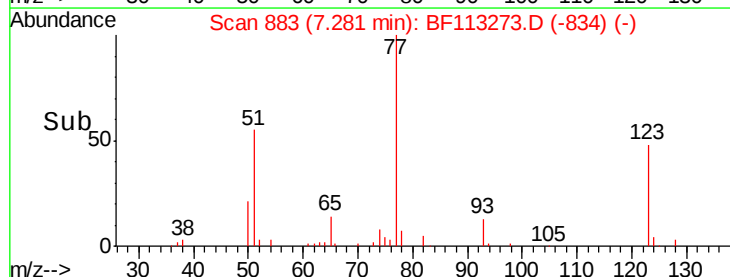
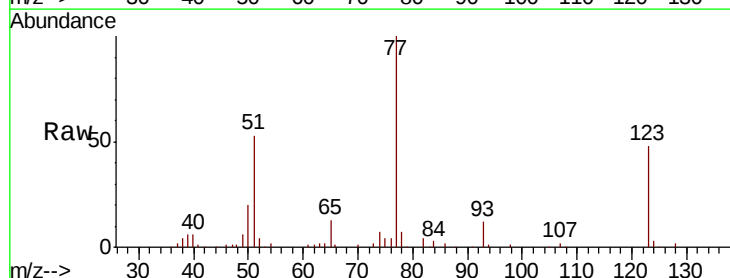
Instrument :
BNA_F
ClientSampled :

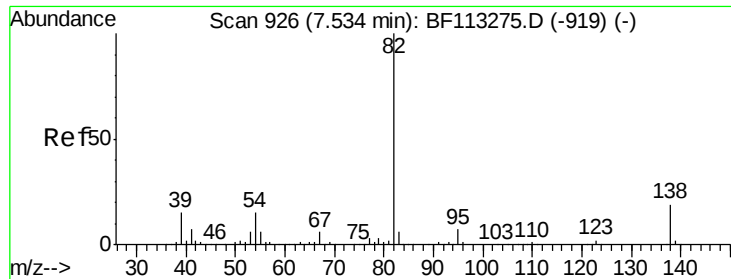
Tot Ion: 82 Resp: 197061
Ion Ratio Lower Upper
82 100
128 45.8 36.5 54.7
54 52.7 42.2 63.2



#24
Nitrobenzene
Concen: 8.731 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion: 77 Resp: 102861
Ion Ratio Lower Upper
77 100
123 47.7 40.8 61.2
65 13.1 10.6 16.0

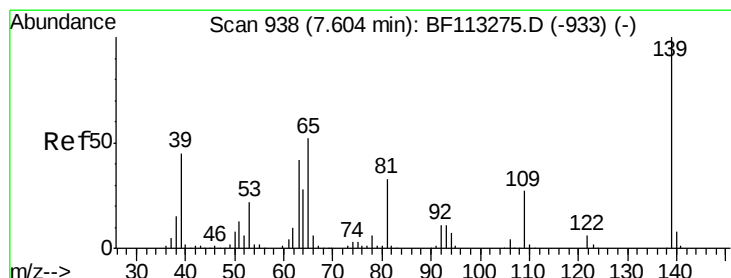
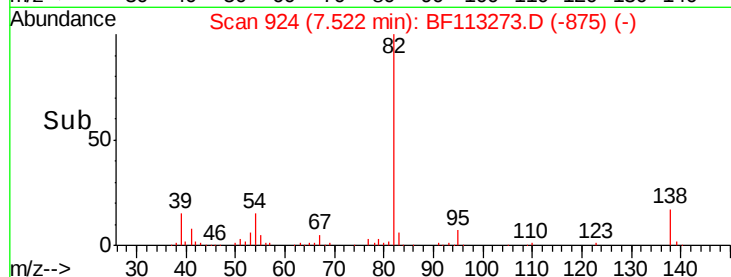
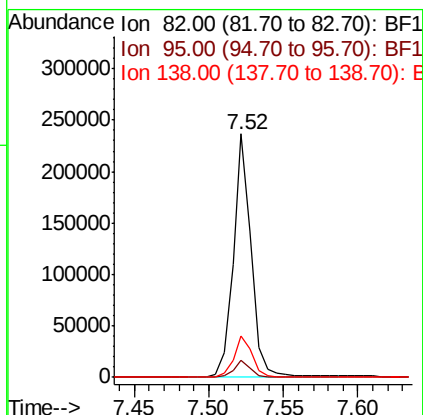
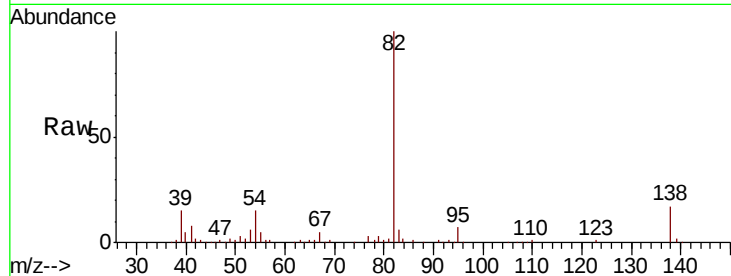




#25
Isophorone
Concen: 8.763 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

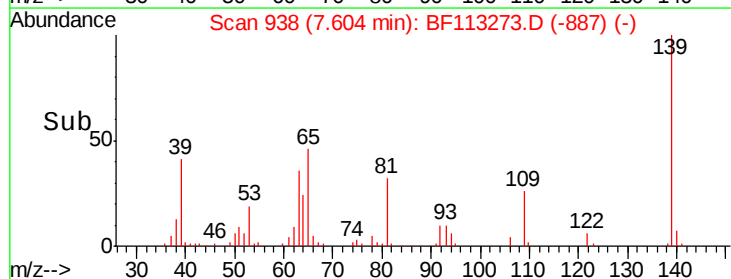
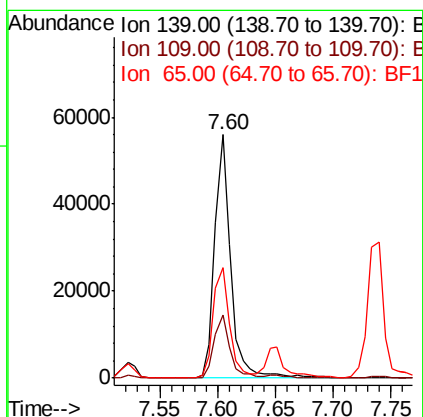
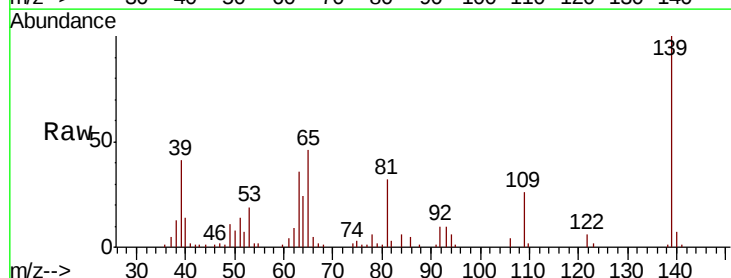
Instrument :
BNA_F
ClientSampleId :

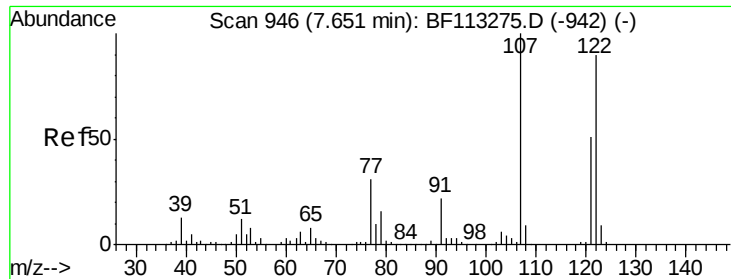
Tot Ion: 82 Resp: 199832
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.2 15.2 22.8



#26
2-Nitrophenol
Concen: 11.052 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion: 139 Resp: 54202
Ion Ratio Lower Upper
139 100
109 26.1 21.7 32.5
65 45.6 41.6 62.4

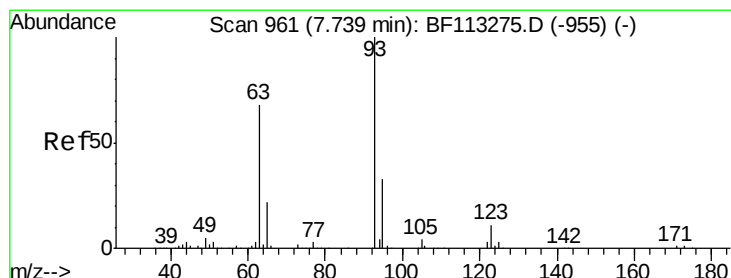
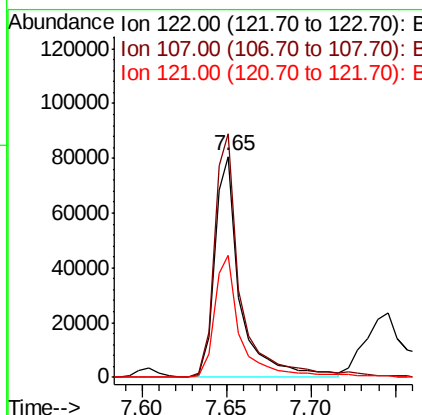
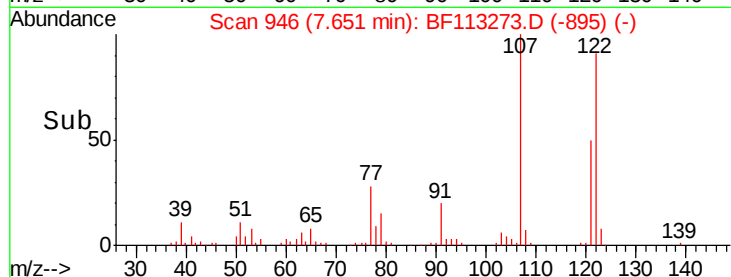
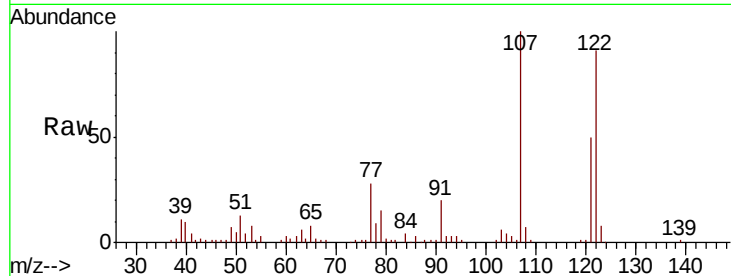




#27
2,4-Dimethylphenol
Concen: 9.342 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

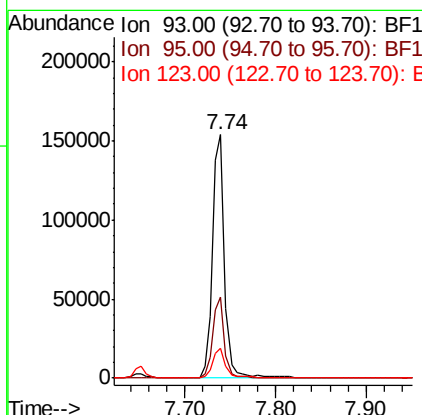
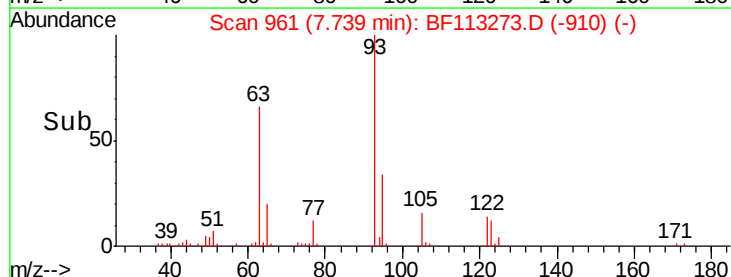
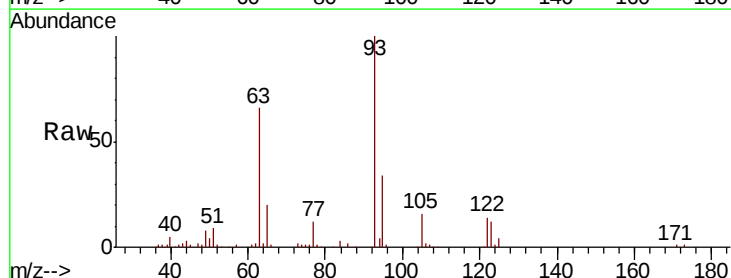
Instrument :
BNA_F
ClientSampleId :

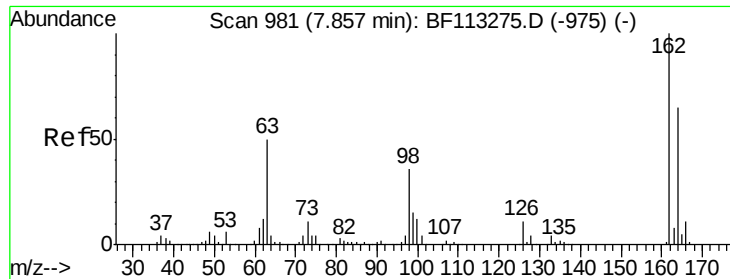
Tot Ion:122 Resp: 85239
Ion Ratio Lower Upper
122 100
107 110.1 88.8 133.2
121 55.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 10.151 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion: 93 Resp: 144734
Ion Ratio Lower Upper
93 100
95 33.5 26.0 39.0
123 12.2 9.1 13.7

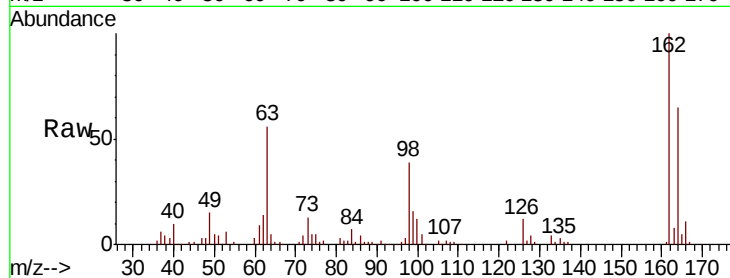




#29
2,4-Dichlorophenol
Concen: 11.447 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	38.6	15.6	55.6

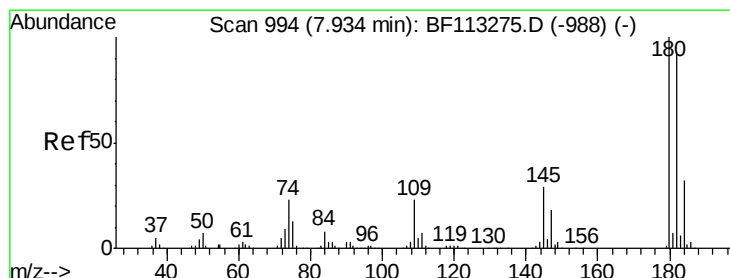
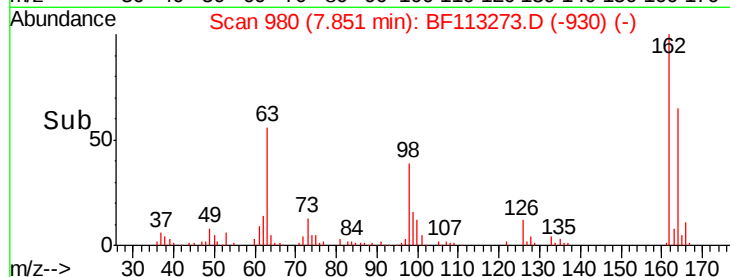
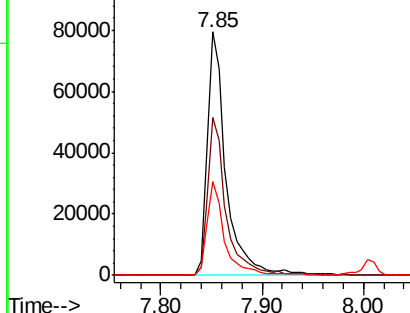


Abundance

Ion 162.00 (161.70 to 162.70): E

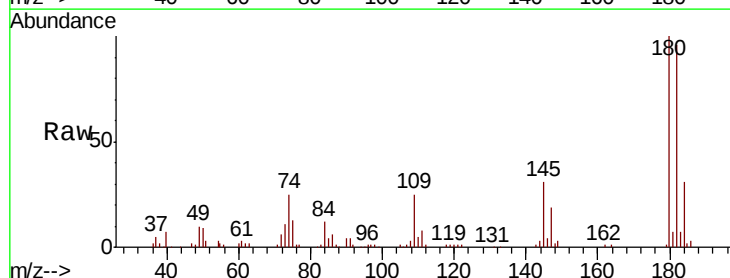
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 11.538 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	111.8
145	30.8	23.4	35.0

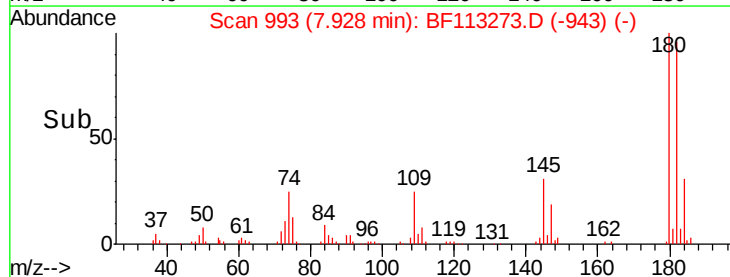
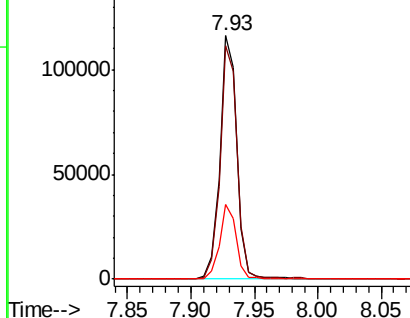


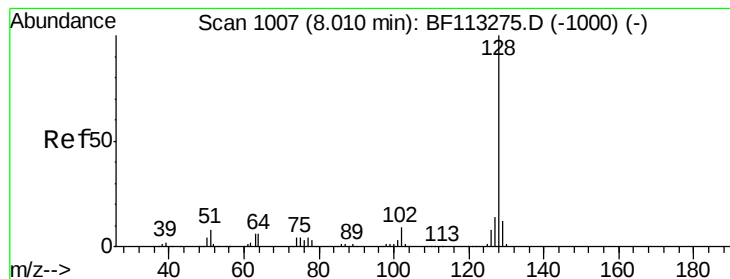
Abundance

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: 11.295 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

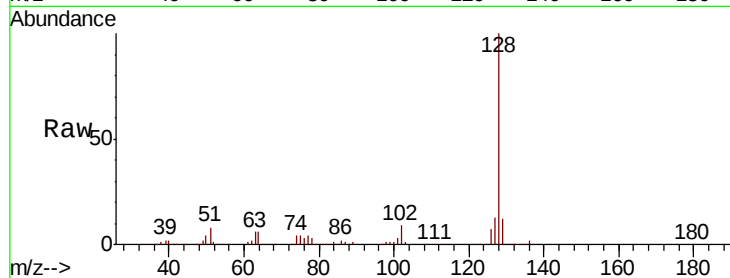
Tot Ion:128 Resp: 355214

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

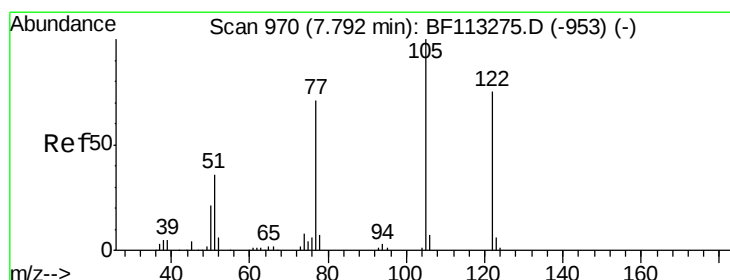
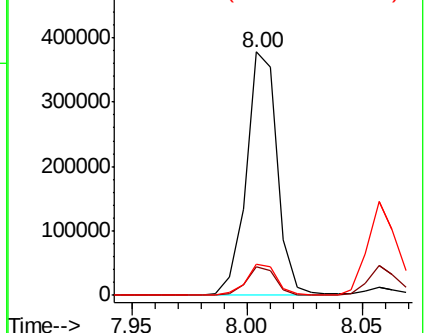
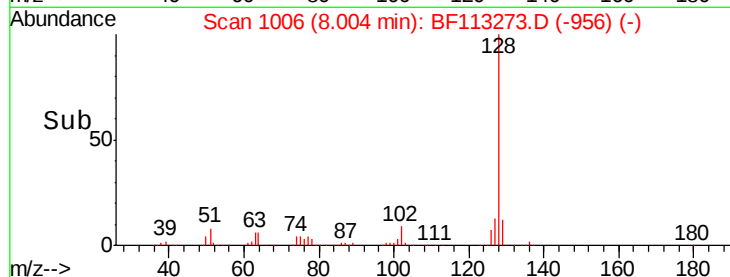
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.061 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

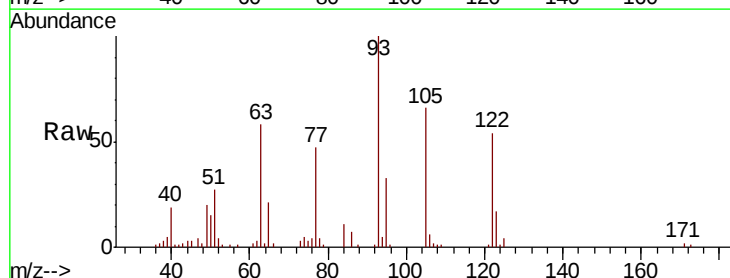
Tgt Ion:122 Resp: 45156

Ion Ratio Lower Upper

122 100

105 122.9 100.4 140.4

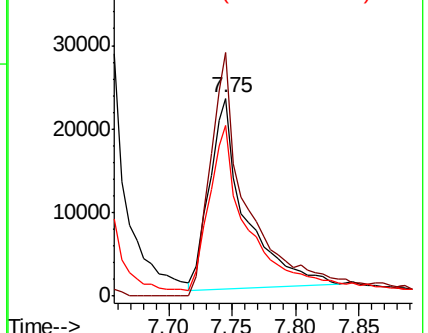
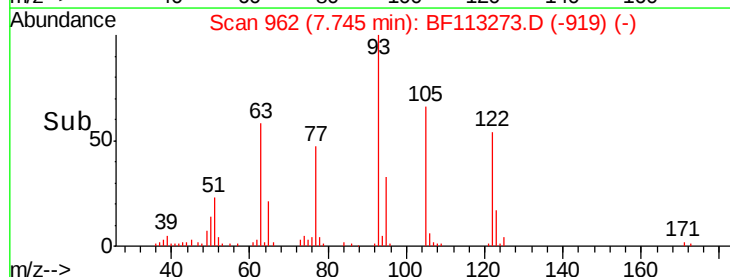
77 86.3 69.0 109.0

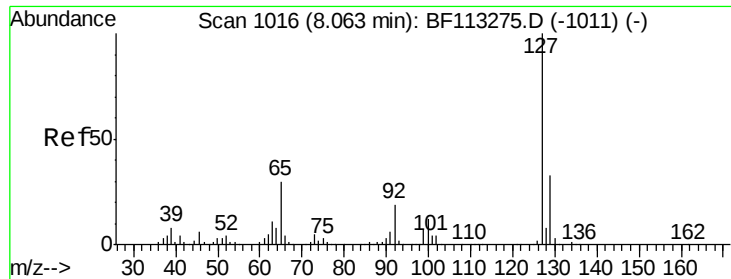


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

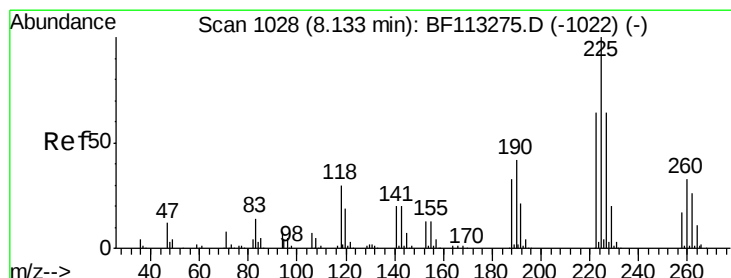
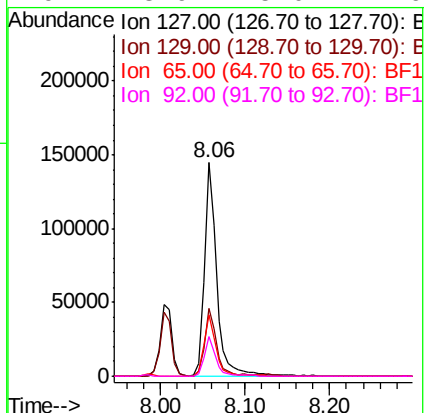
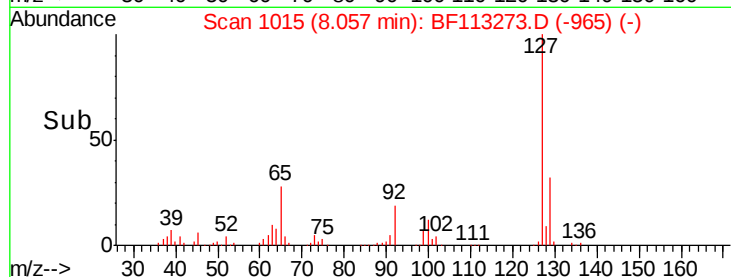
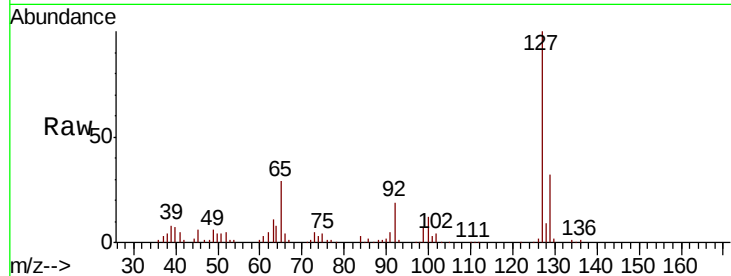




#33
4-Chloroaniline
Concen: 10.973 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

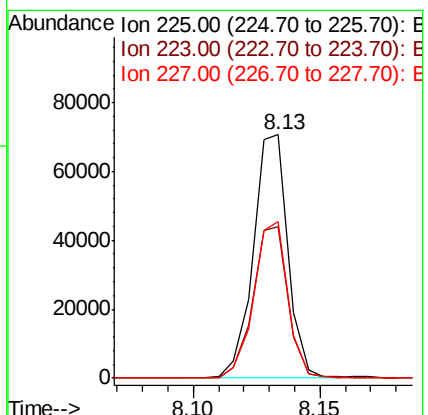
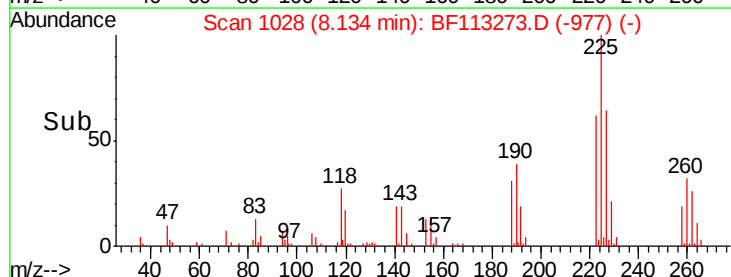
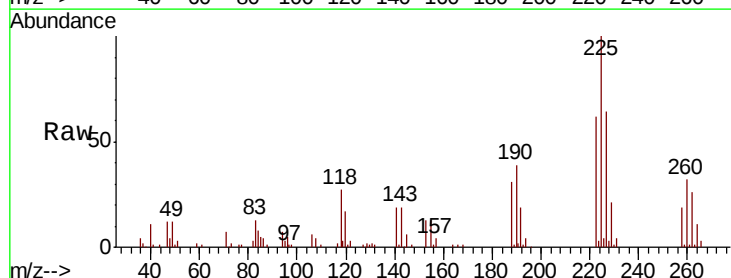
Instrument :
BNA_F
ClientSampleId :

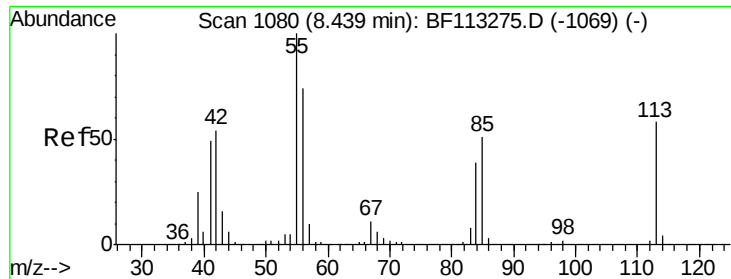
Tot Ion:	127	Resp:	146162
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	29.0	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 12.521 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:	225	Resp:	67134
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.4	77.2
227	64.4	51.1	76.7

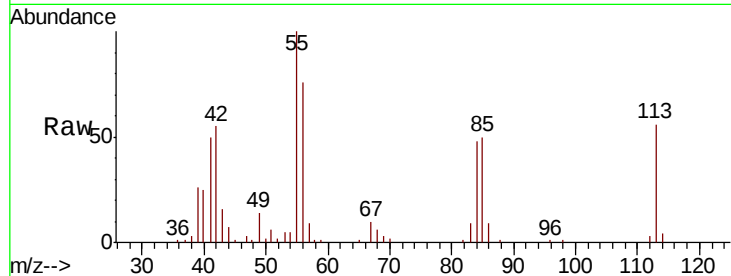




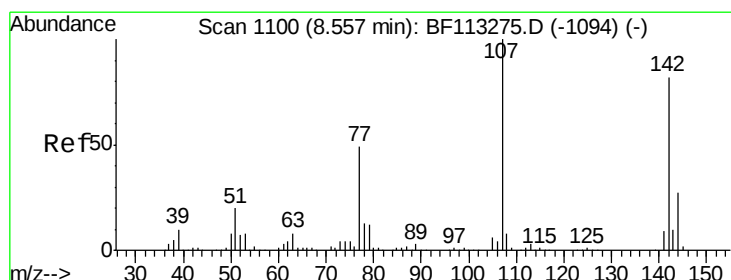
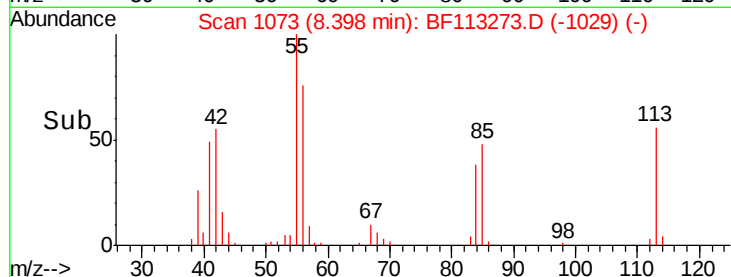
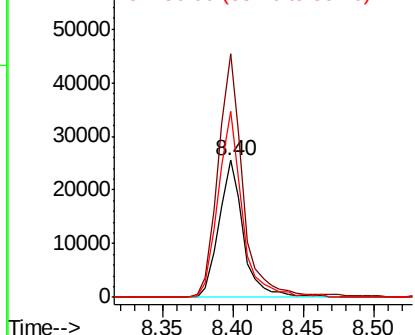
#35
 Caprolactam
 Concen: 9.807 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.04 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 30562
 Ion Ratio Lower Upper
 113 100
 55 177.7 152.7 192.7
 56 135.7 108.3 148.3

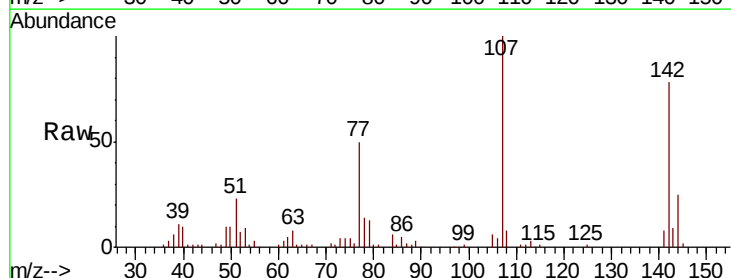


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

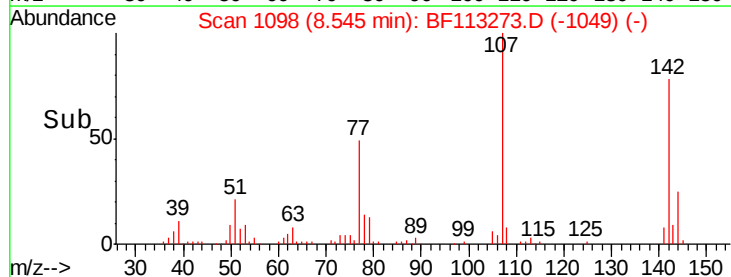
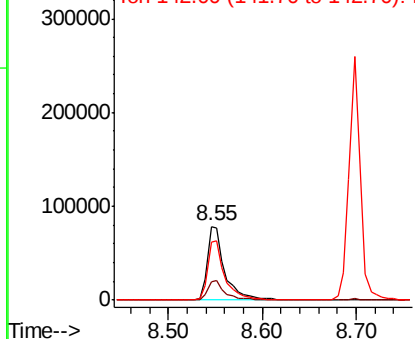


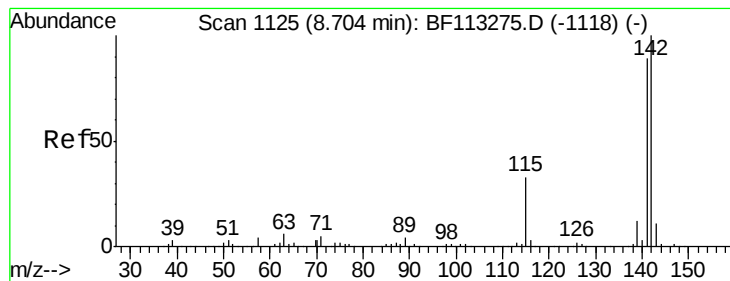
#36
 4-Chloro-3-methylphenol
 Concen: 10.393 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion:107 Resp: 101770
 Ion Ratio Lower Upper
 107 100
 144 24.8 21.4 32.0
 142 78.4 65.6 98.4



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

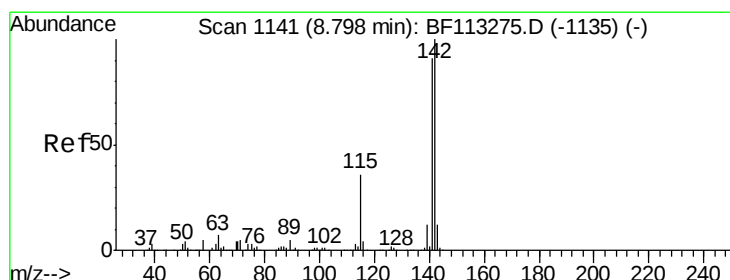
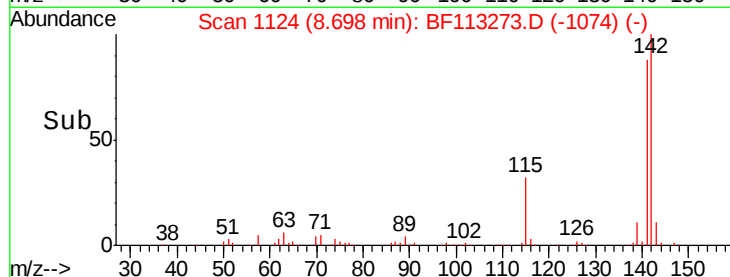
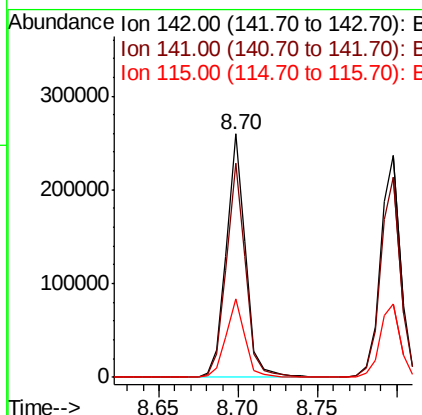
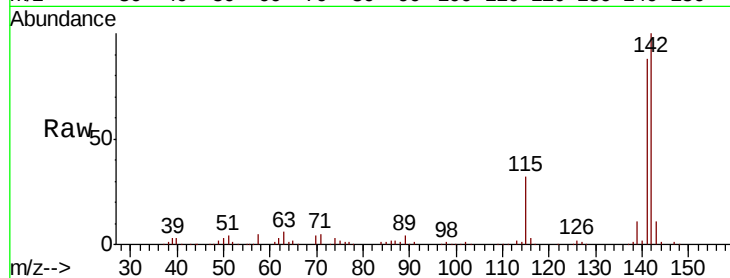




#37
2-Methylnaphthalene
Concen: 10.751 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

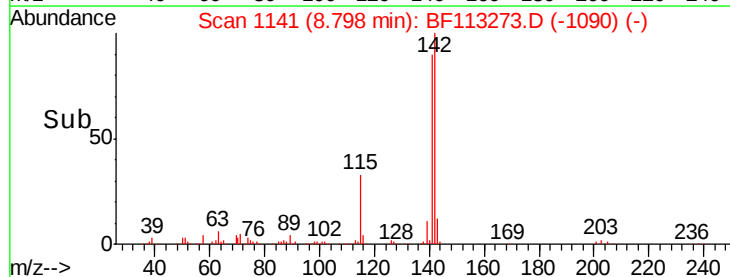
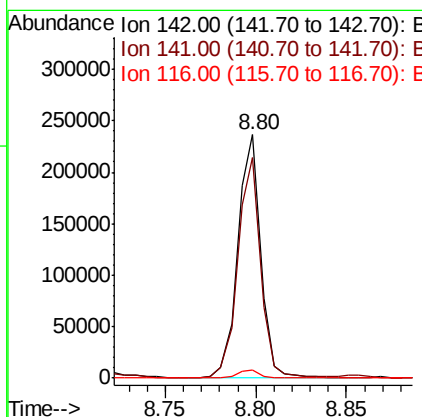
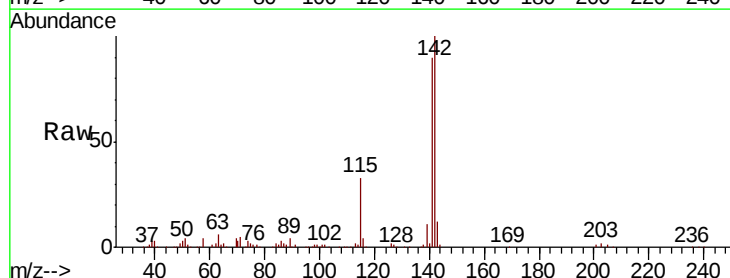
Instrument :
BNA_F
ClientSampleId :

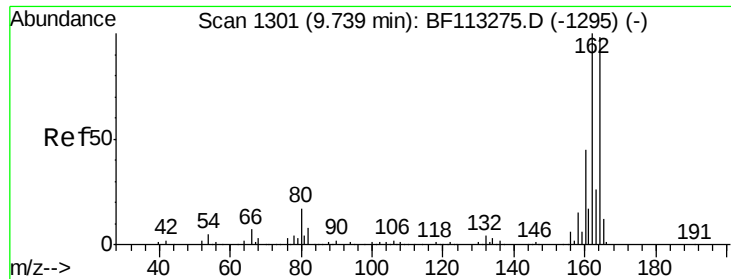
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.0	106.6
115	32.2	26.6	39.8



#38
1-Methylnaphthalene
Concen: 10.471 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
116	3.6	3.0	4.4

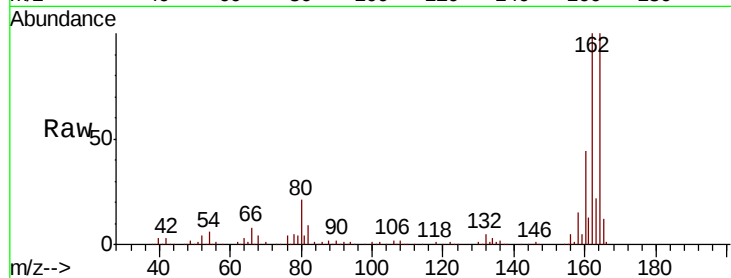




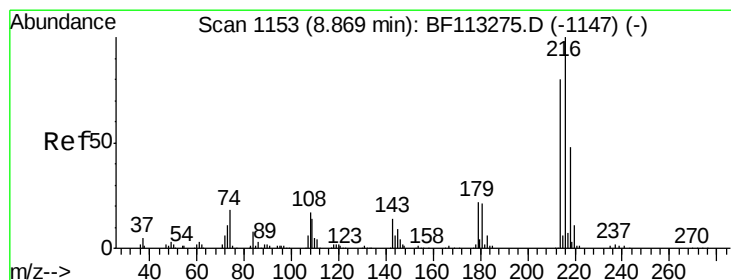
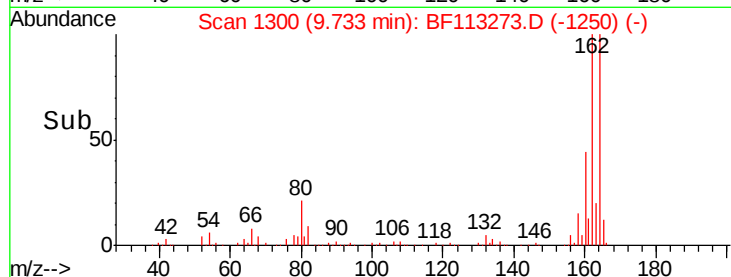
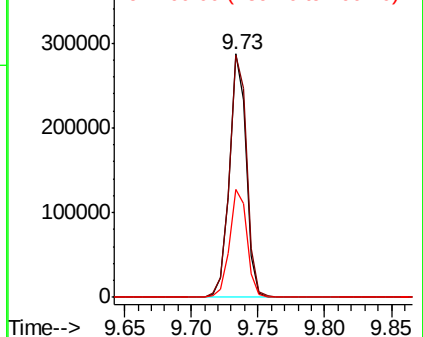
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 254772
Ion Ratio Lower Upper
164 100
162 99.6 81.8 122.6
160 44.2 36.4 54.6

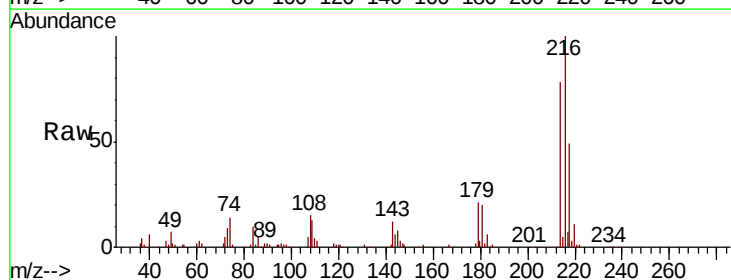


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

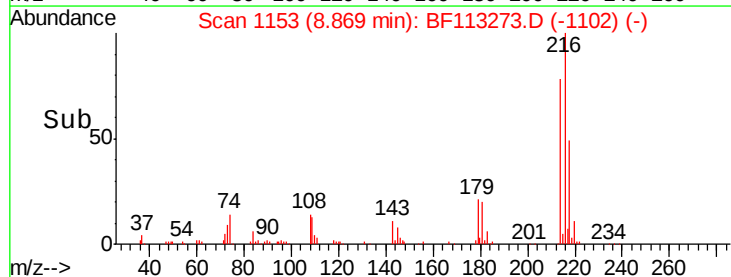
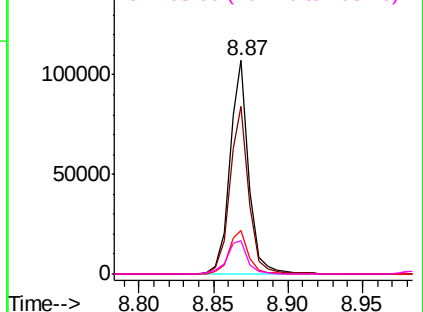


#40
1,2,4,5-Tetrachlorobenzene
Concen: 12.815 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:216 Resp: 95206
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.6
179 20.9 16.8 25.2
108 16.8 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: 4.950 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

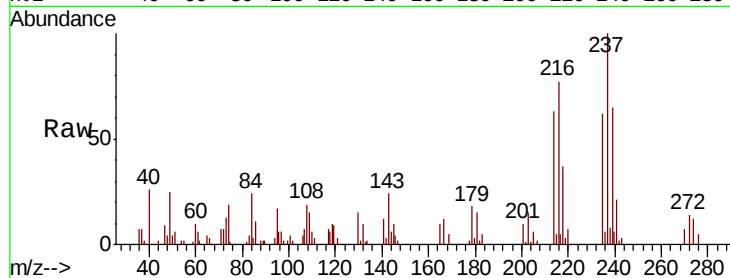
Tot Ion:237 Resp: 20137

Ion Ratio Lower Upper

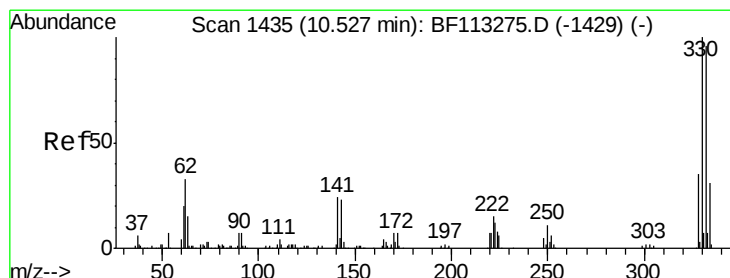
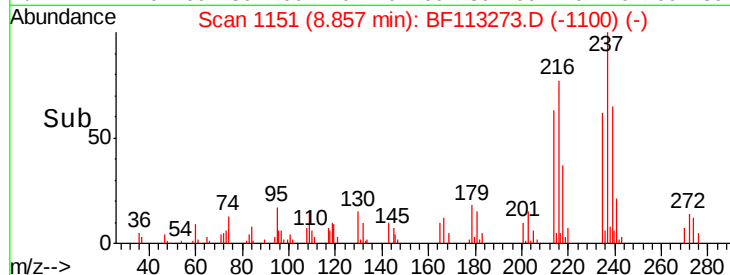
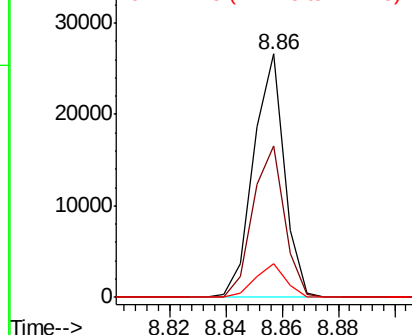
237 100

235 62.3 43.4 83.4

272 14.1 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: 25.994 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

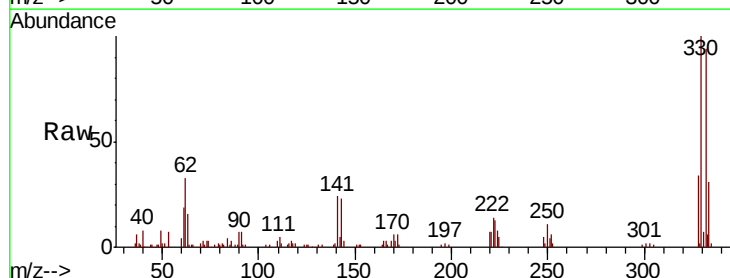
Tgt Ion:330 Resp: 70306

Ion Ratio Lower Upper

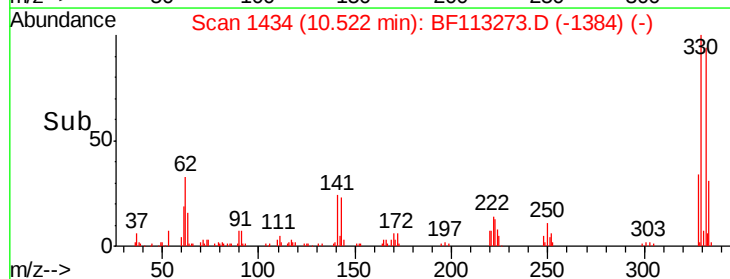
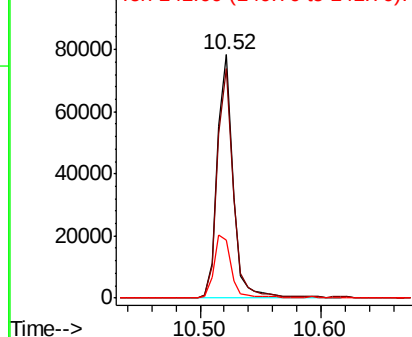
330 100

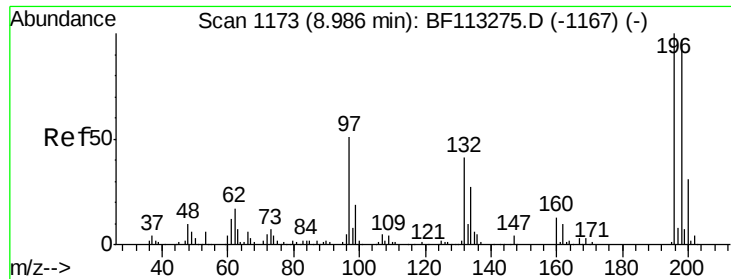
332 95.7 77.8 116.6

141 28.1 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

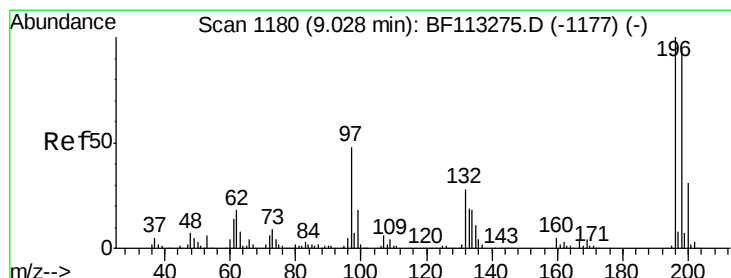
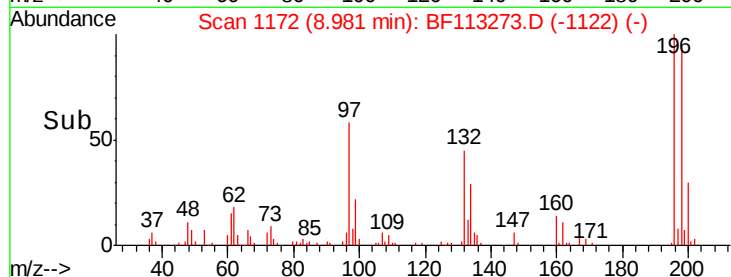
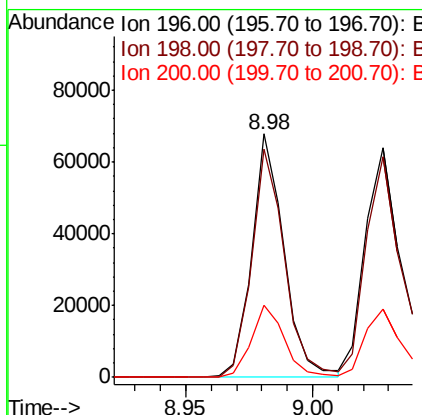
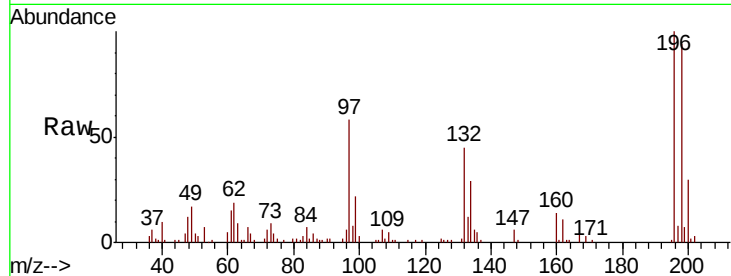




#43
 2,4,6-Trichlorophenol
 Concen: 11.788 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

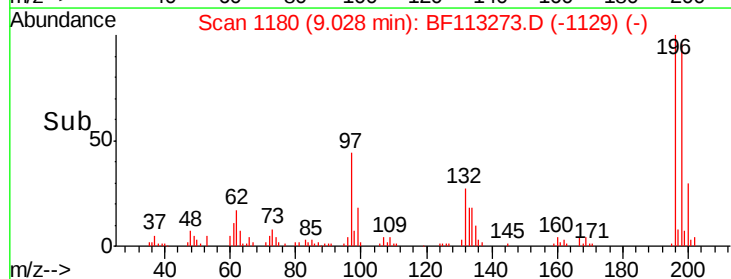
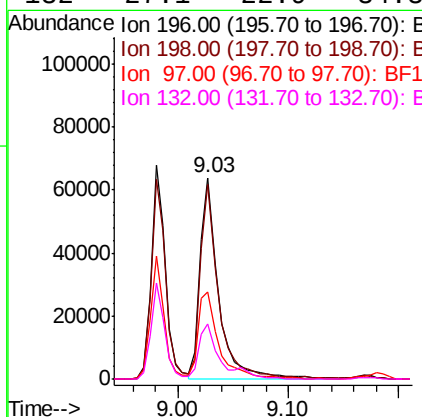
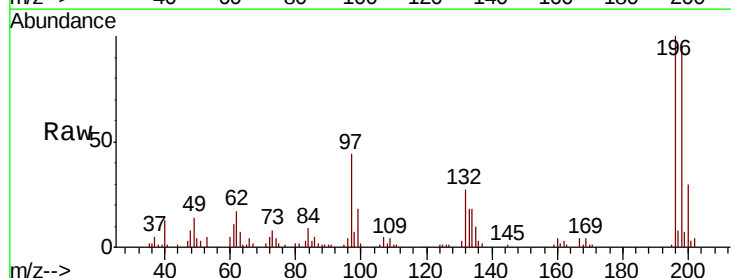
Instrument :
 BNA_F
 ClientSampleId :

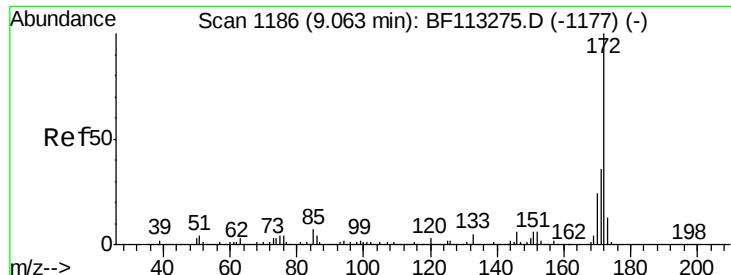
Tot Ion:196 Resp: 60274
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.7 116.5
 200 29.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 13.254 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion:196 Resp: 73249
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.4 113.2
 97 43.6 38.6 58.0
 132 27.1 22.9 34.3

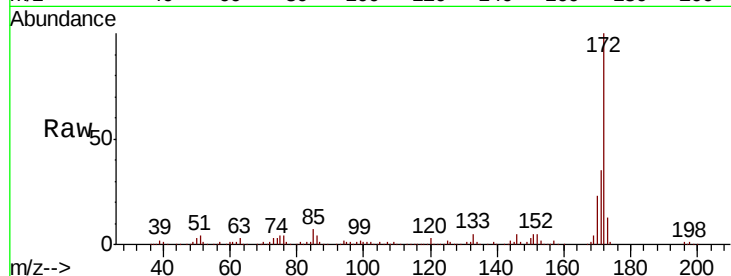




#45
 2-Fluorobiphenyl
 Concen: 26.305 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.4	19.5	29.3

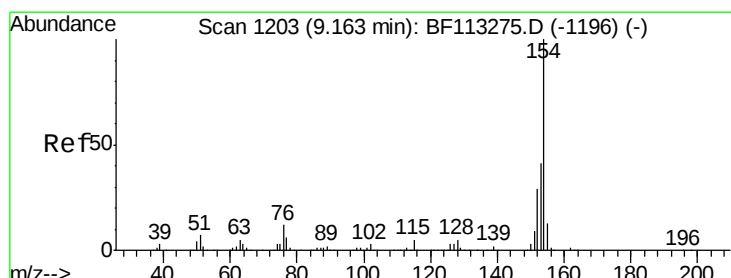
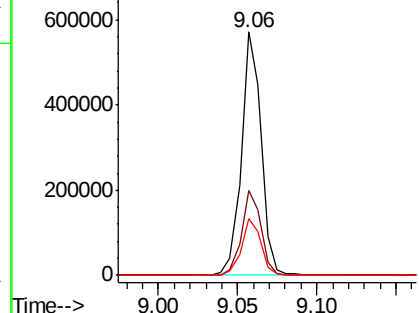
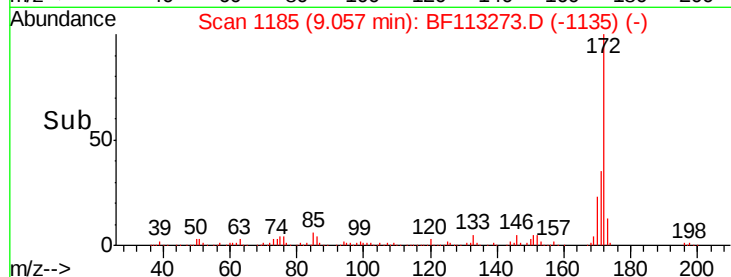


Abundance

Ion 172.00 (171.70 to 172.70): E

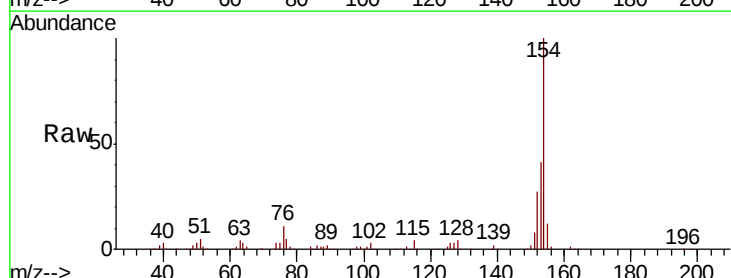
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 13.084 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.8	60.8
76	10.6	0.0	31.9

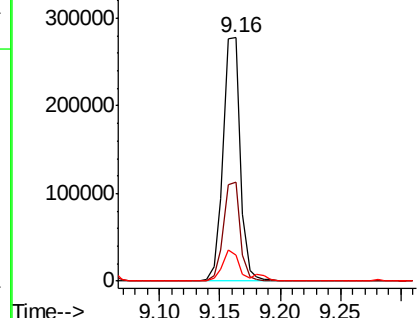
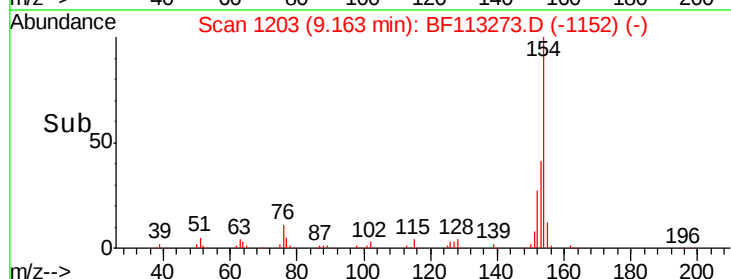


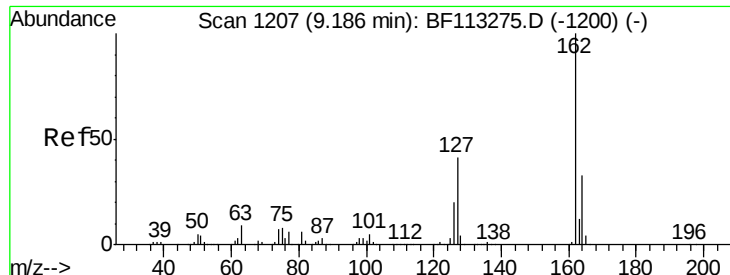
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

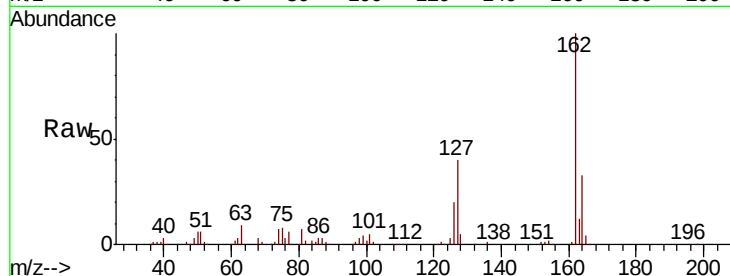




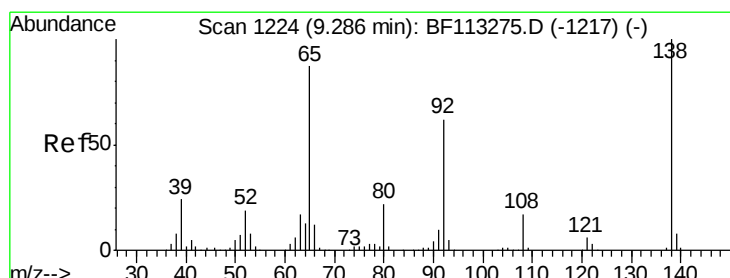
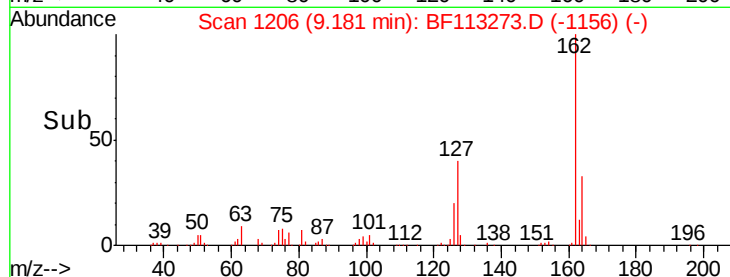
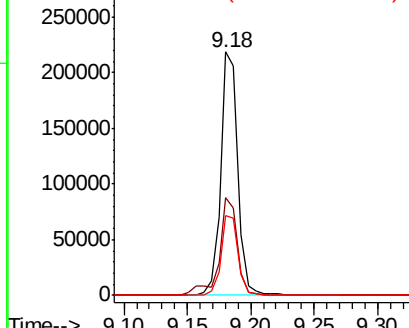
#47
 2-Chloronaphthalene
 Concen: 12.706 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	206170
Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	49.0
164	32.6	26.6	39.8

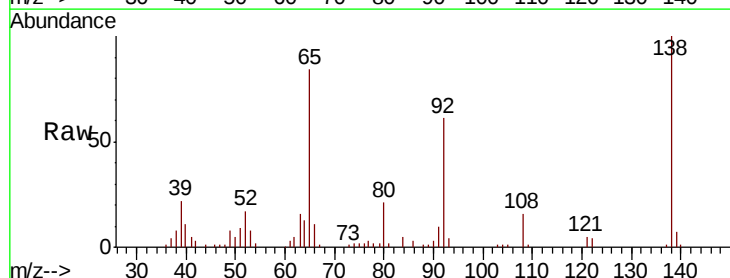


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

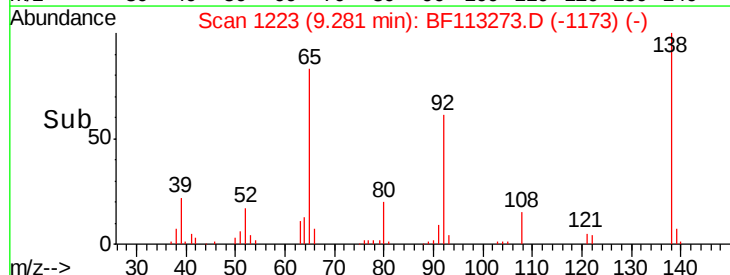
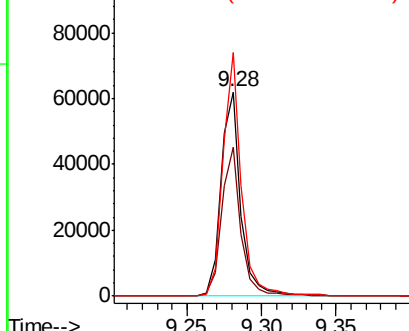


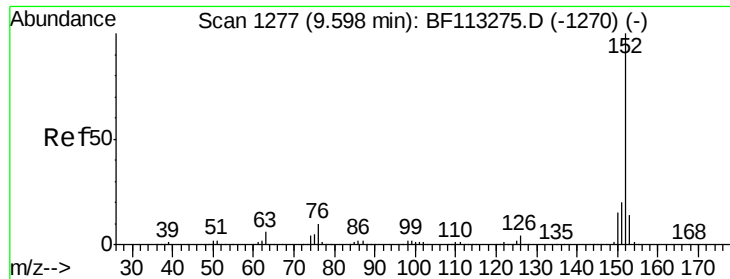
#48
 2-Nitroaniline
 Concen: 11.751 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion:	65	Resp:	57959
Ion	Ratio	Lower	Upper
65	100		
92	72.9	56.8	85.2
138	119.3	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: 11.079 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

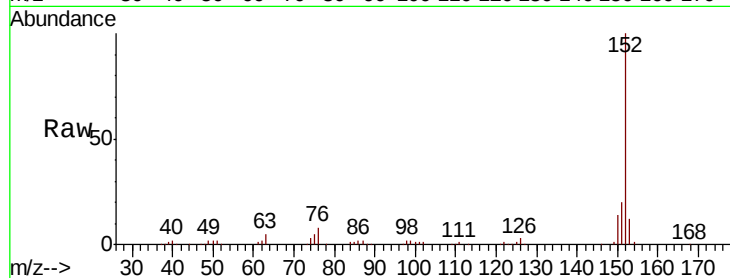
Tot Ion:152 Resp: 305175

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4

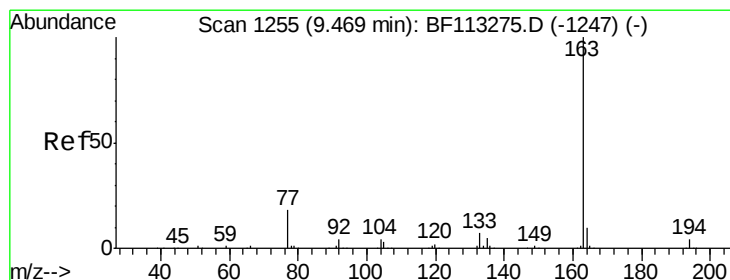
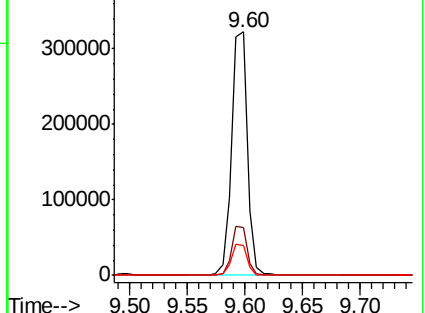
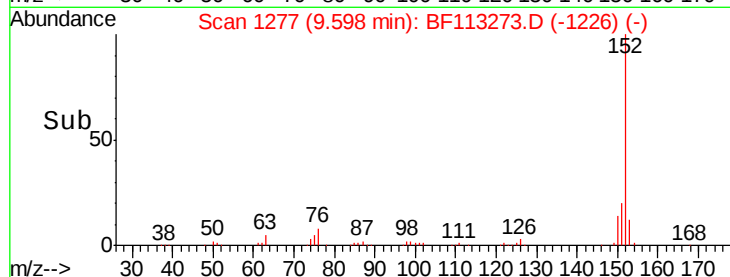
153 12.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 10.775 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

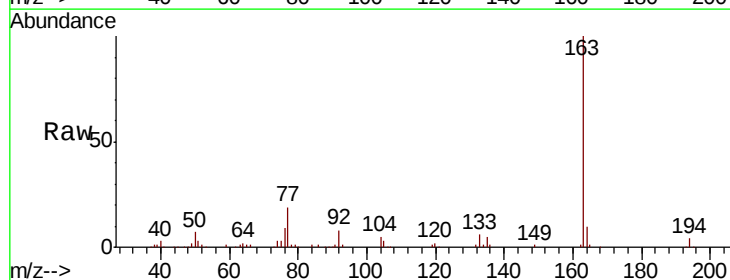
Tgt Ion:163 Resp: 202416

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

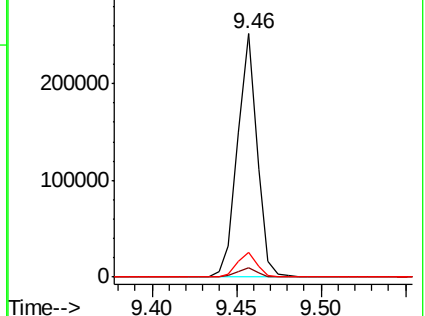
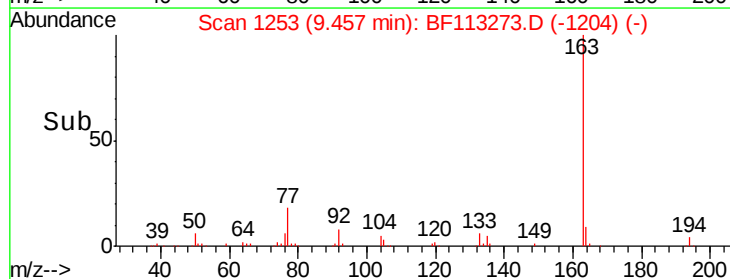
164 10.2 8.1 12.1

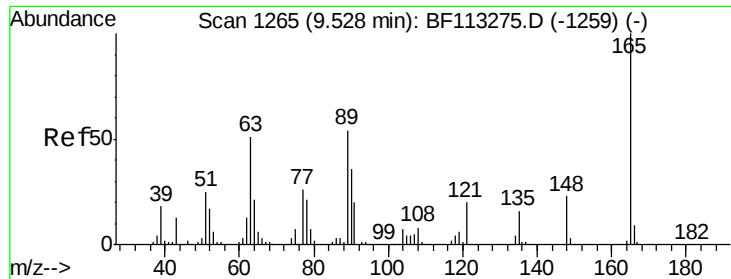


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 11.432 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

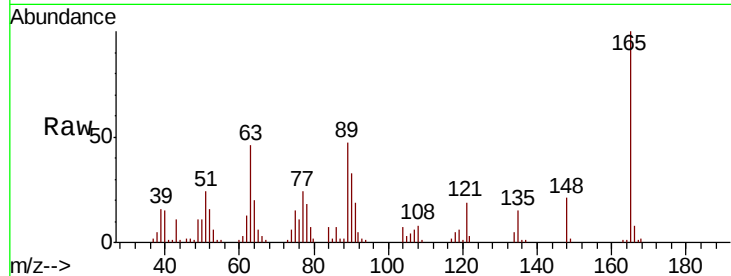
Tot Ion:165 Resp: 44722

Ion Ratio Lower Upper

165 100

63 45.9 43.4 65.0

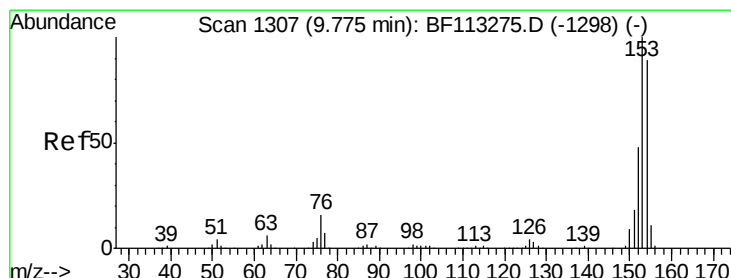
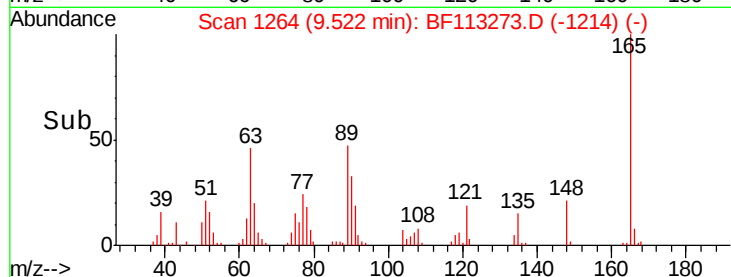
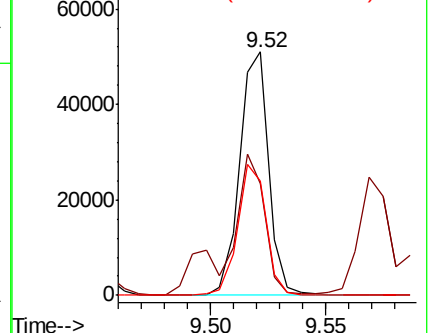
89 46.7 43.1 64.7



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: 10.636 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

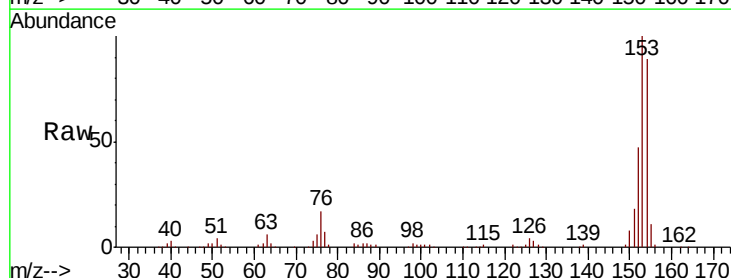
Tgt Ion:154 Resp: 171332

Ion Ratio Lower Upper

154 100

153 111.9 89.5 134.3

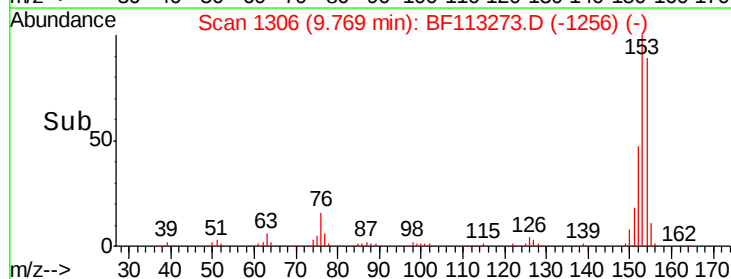
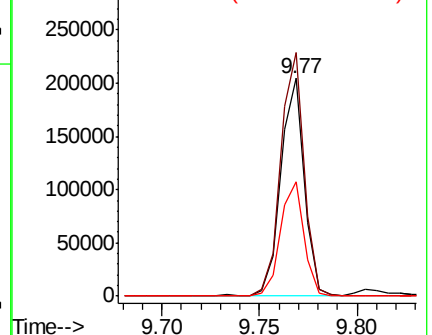
152 52.8 43.3 64.9

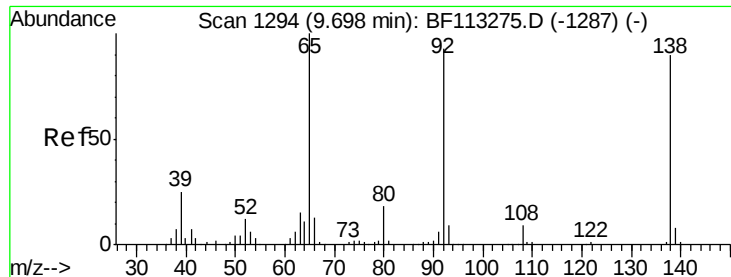


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

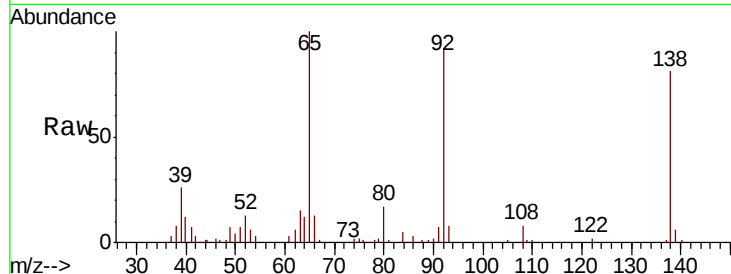




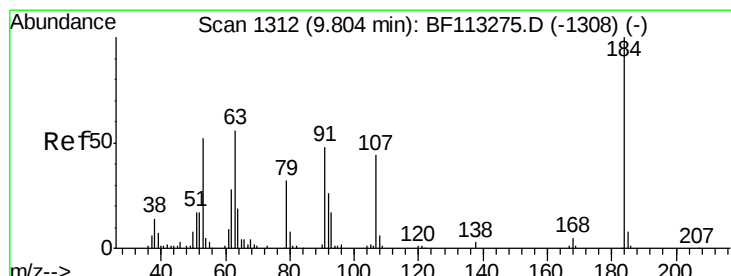
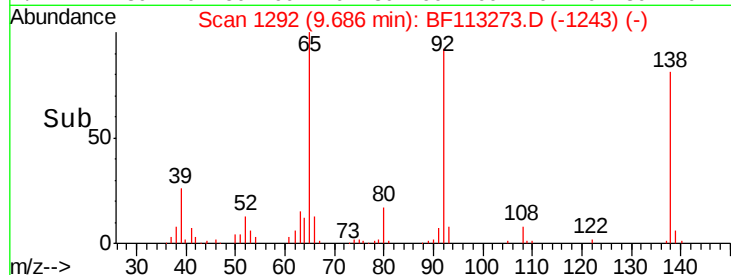
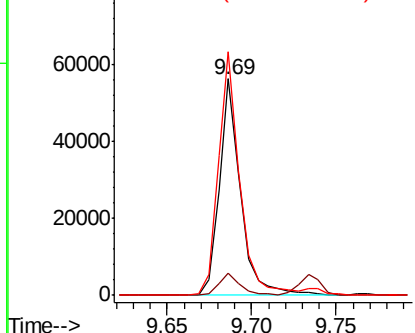
#53
3-Nitroaniline
Concen: 10.380 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 49480
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.6
92 112.7 82.6 124.0

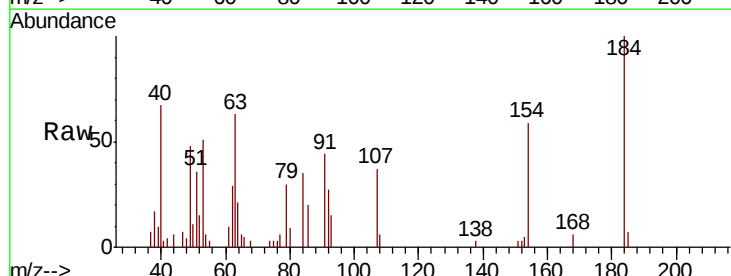


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

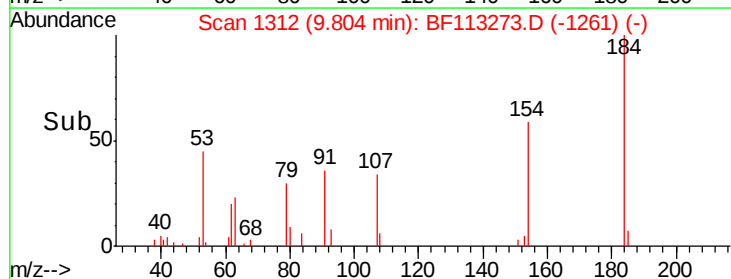
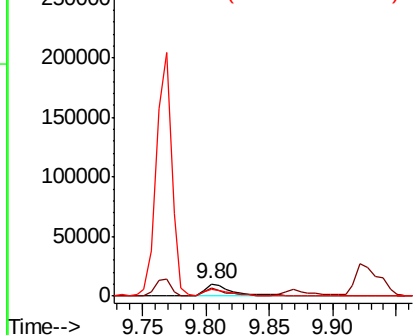


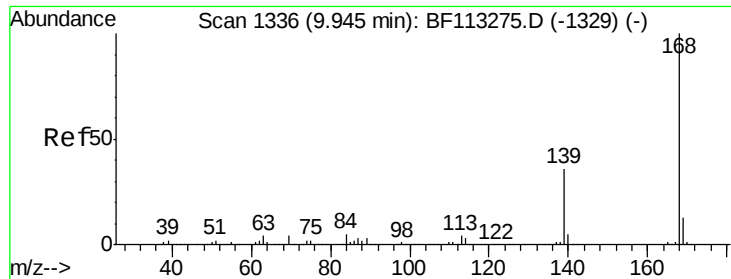
#54
2,4-Dinitrophenol
Concen: 15.170 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:184 Resp: 15172
Ion Ratio Lower Upper
184 100
63 63.3 54.3 81.5
154 59.4 48.4 72.6



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

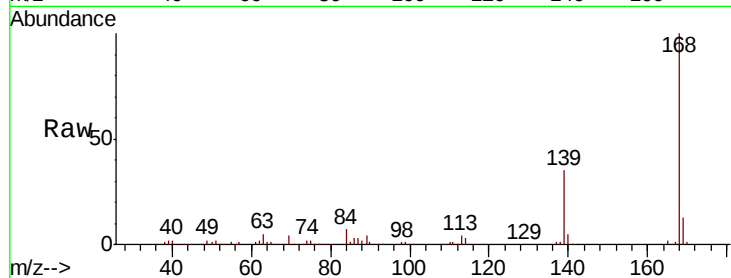




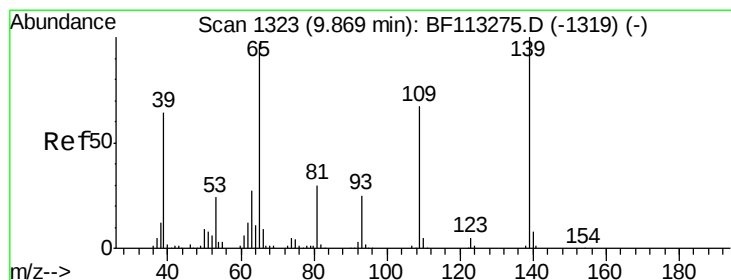
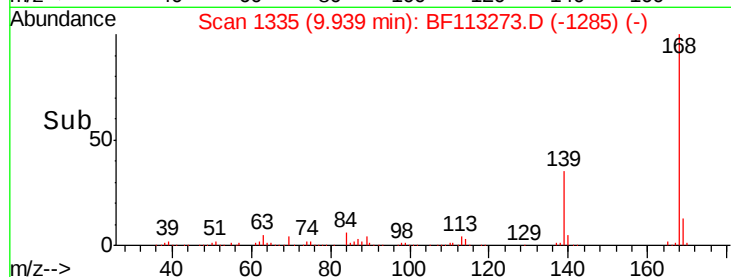
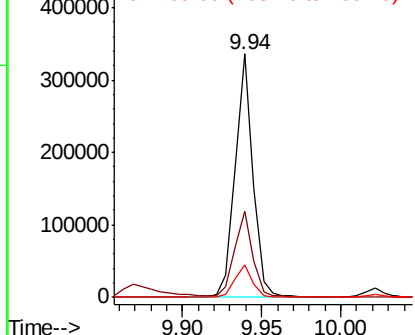
#55
Dibenzofuran
Concen: 11.302 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 264606
Ion Ratio Lower Upper
168 100
139 35.4 29.7 44.5
169 13.3 10.7 16.1

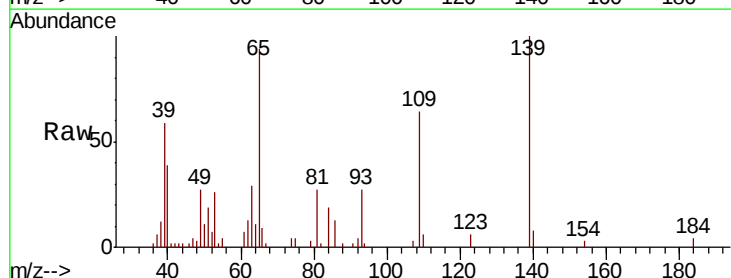


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

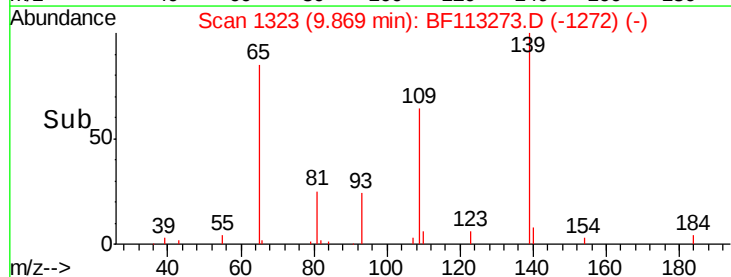
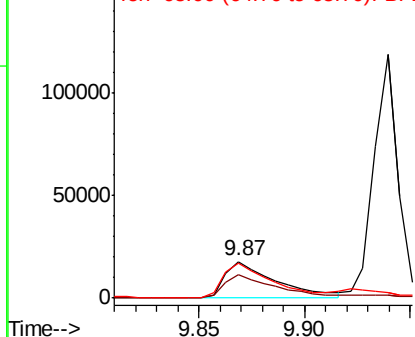


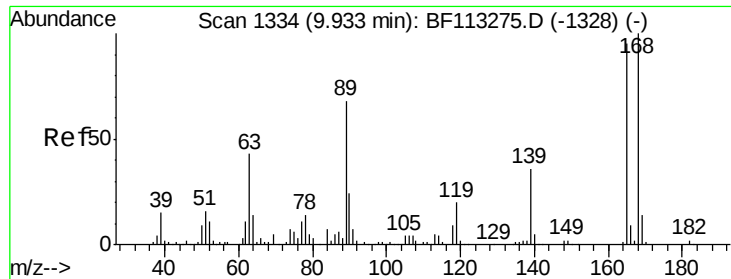
#56
4-Nitrophenol
Concen: 7.660 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:139 Resp: 29676
Ion Ratio Lower Upper
139 100
109 64.3 46.9 86.9
65 94.2 77.2 117.2



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

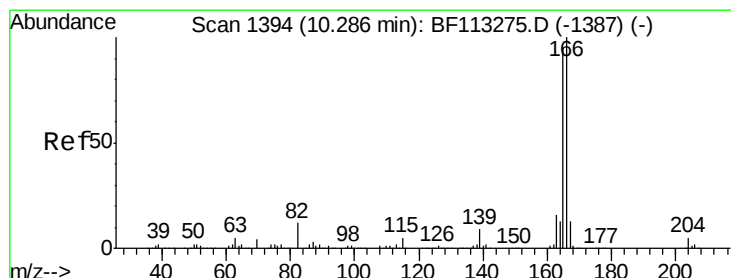
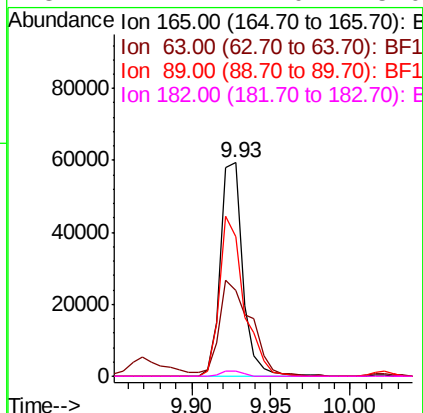
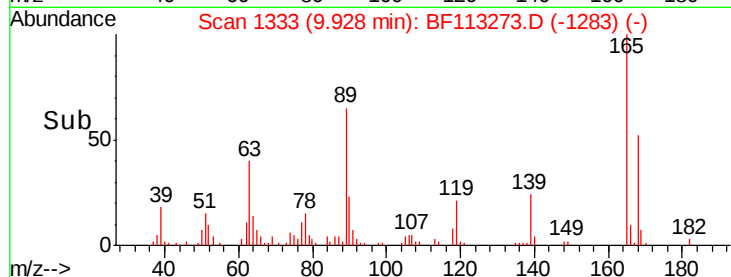
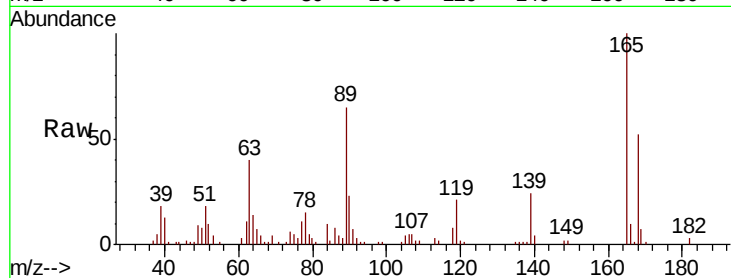




#57
2,4-Dinitrotoluene
Concen: 11.961 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

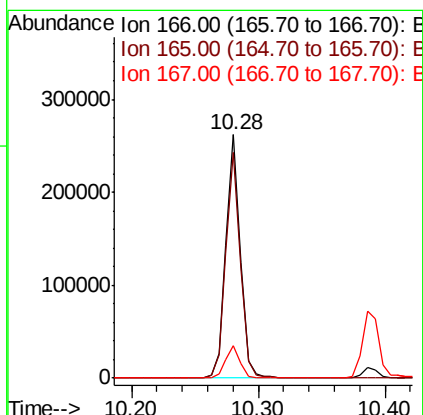
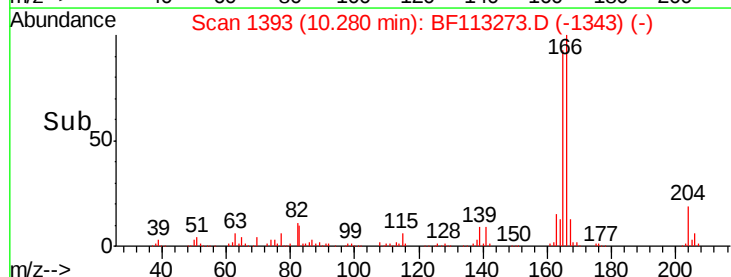
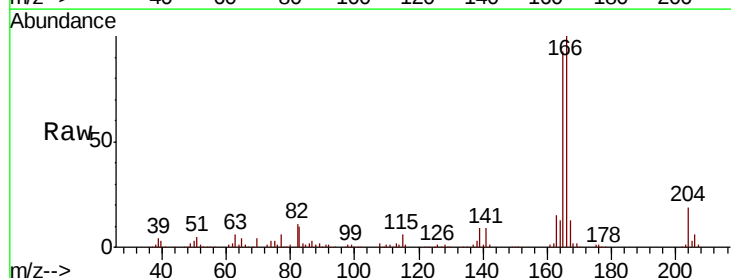
Instrument :
BNA_F
ClientSampleId :

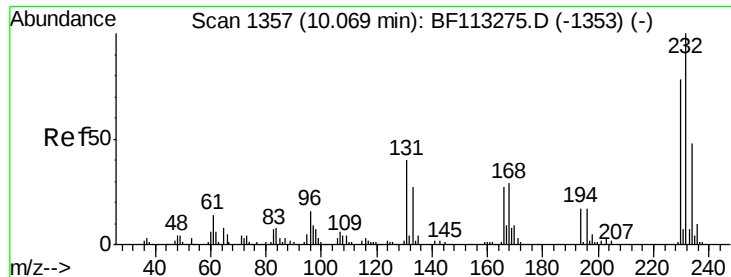
Tot Ion:165 Resp: 58164
Ion Ratio Lower Upper
165 100
63 40.4 37.5 56.3
89 65.3 57.4 86.2
182 2.7 2.0 3.0



#58
Fluorene
Concen: 12.480 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:166 Resp: 207380
Ion Ratio Lower Upper
166 100
165 92.7 76.2 114.2
167 13.2 10.7 16.1

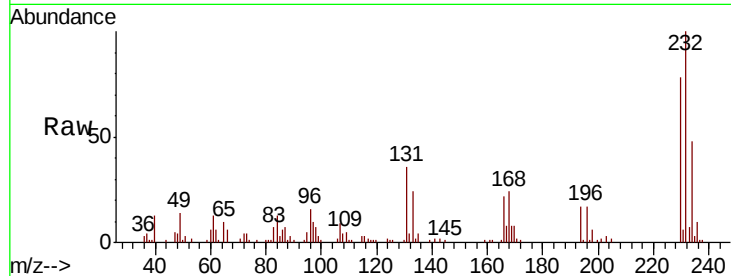




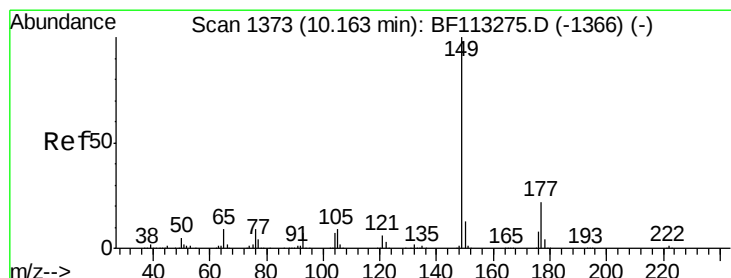
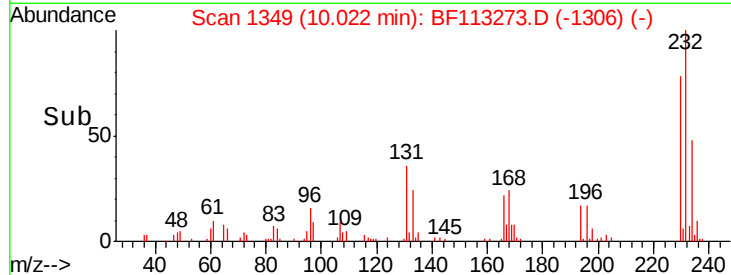
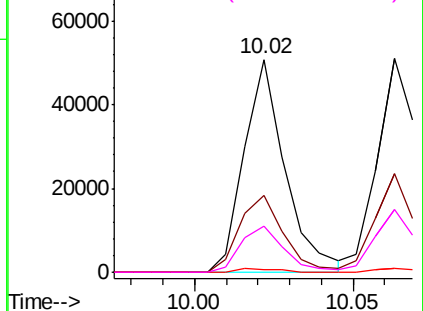
#59
2,3,4,6-Tetrachlorophenol
Concen: 9.931 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.05 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 45729
Ion Ratio Lower Upper
232 100
131 39.1 33.2 49.8
130 1.6 1.6 2.4
166 23.1 21.0 31.6

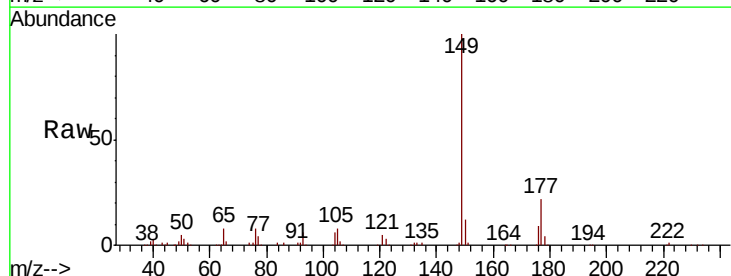


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

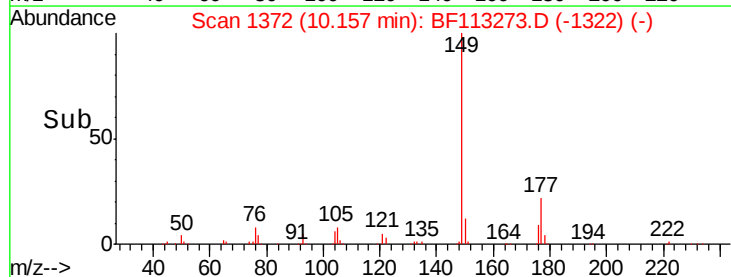
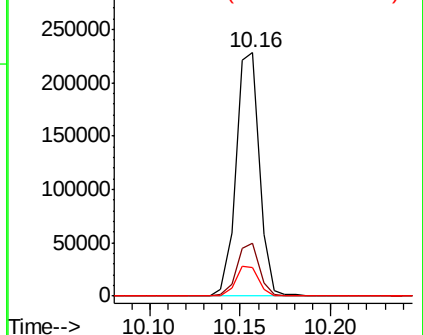


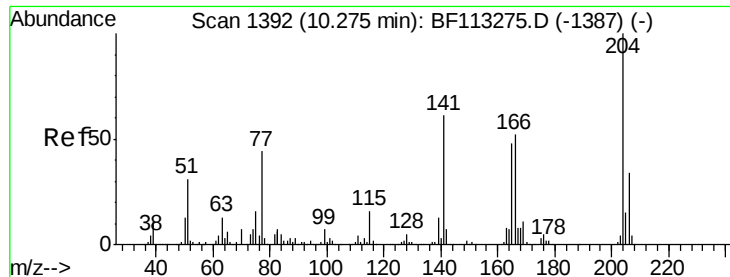
#60
Diethylphthalate
Concen: 10.401 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:149 Resp: 206364
Ion Ratio Lower Upper
149 100
177 22.0 17.4 26.0
150 11.6 10.0 15.0



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

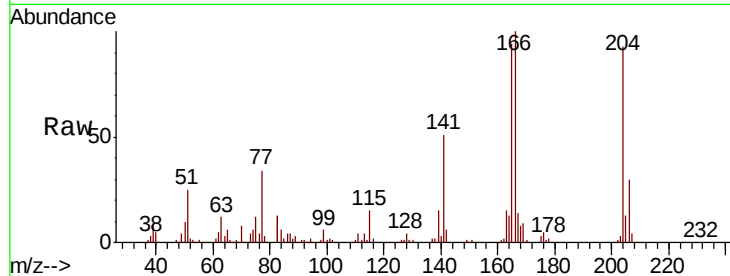




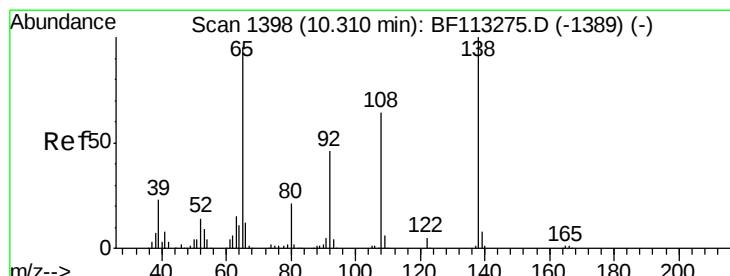
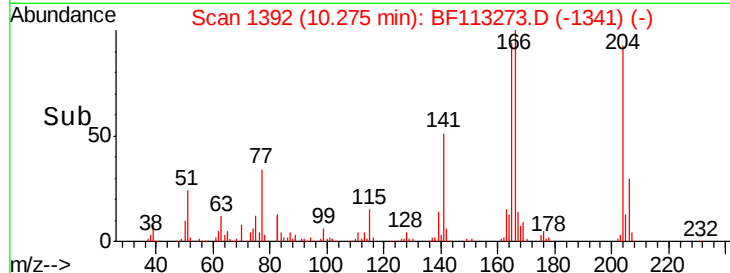
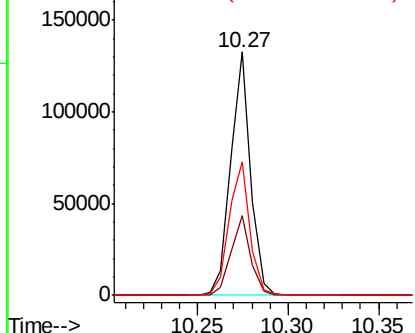
#61
4-Chlorophenyl-phenylether
Concen: 13.108 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.9	40.3
141	54.8	48.8	73.2

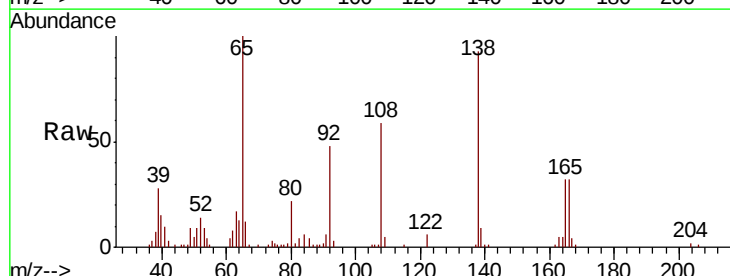


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

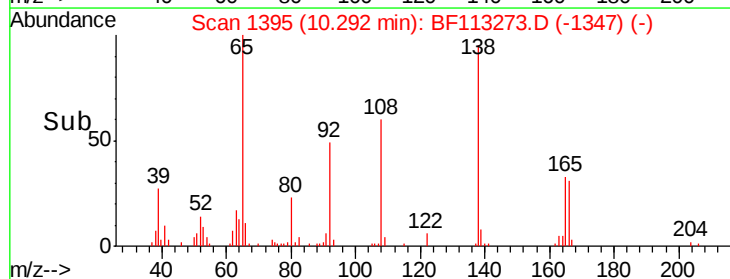
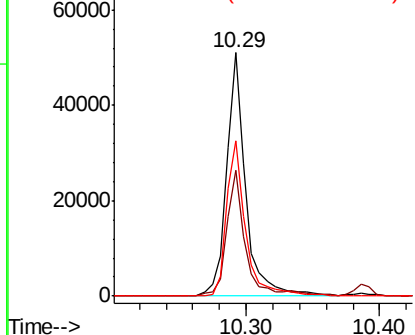


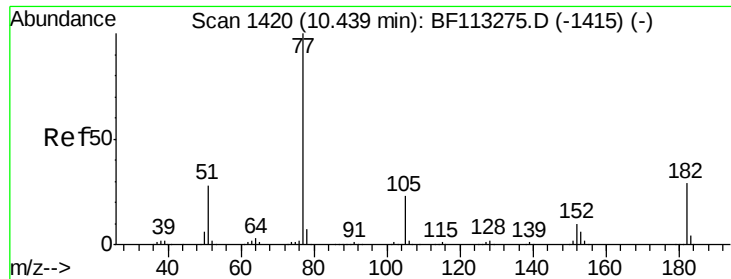
#62
4-Nitroaniline
Concen: 11.691 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	25.8	65.8
108	63.7	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

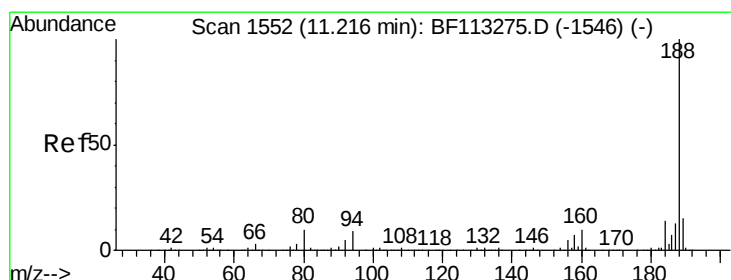
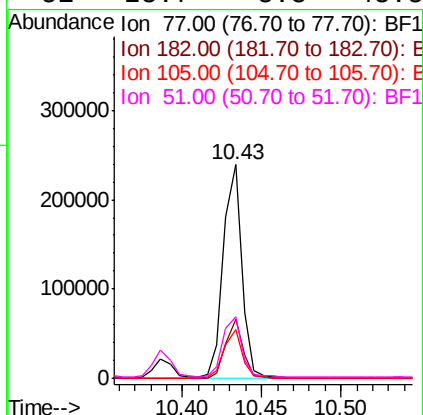
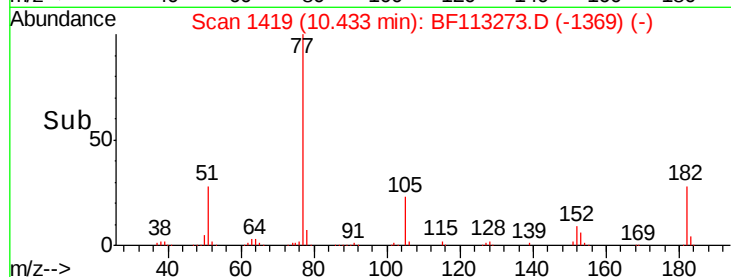
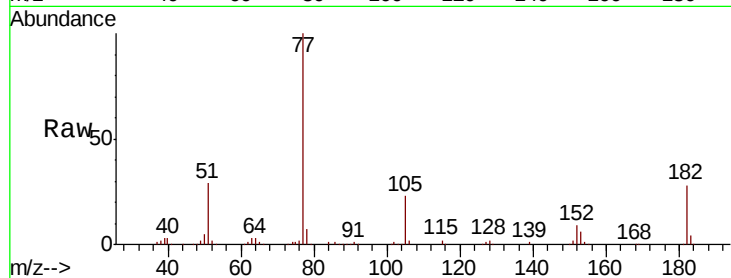




#63
Azobenzene
Concen: 9.564 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

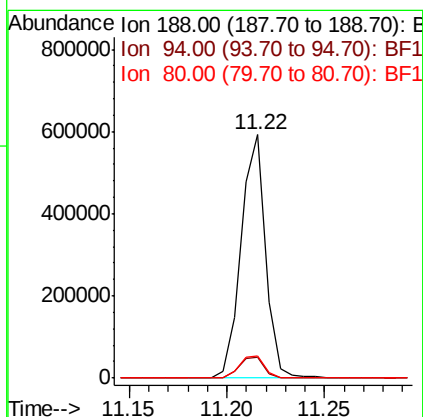
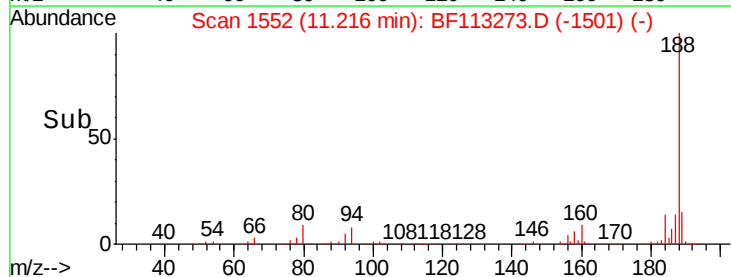
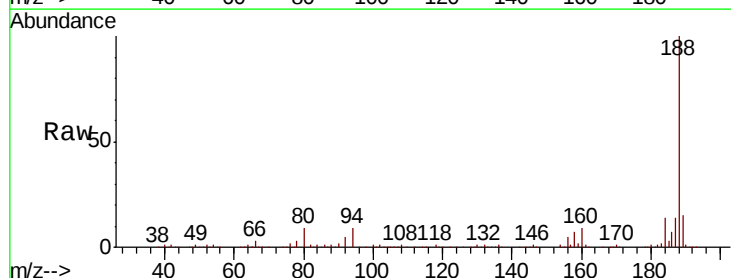
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	194365
Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.7	48.7
105	23.0	2.9	42.9
51	28.7	8.8	48.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:	188	Resp:	516150
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	8.9	7.7	11.5

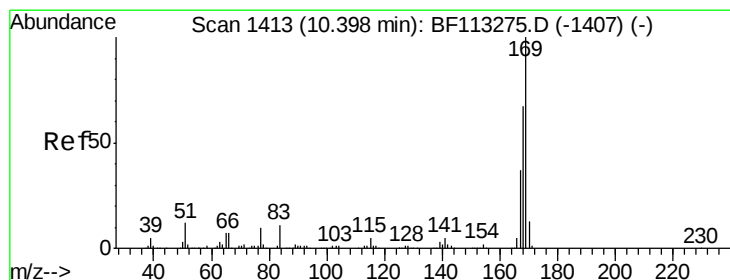
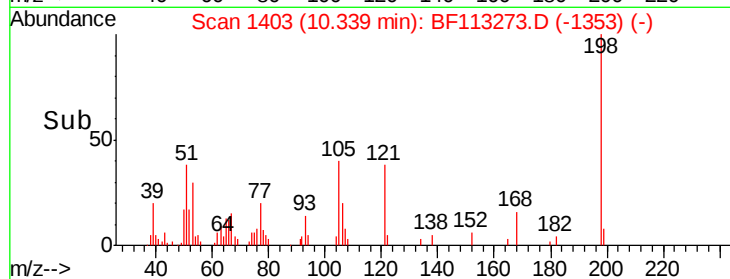
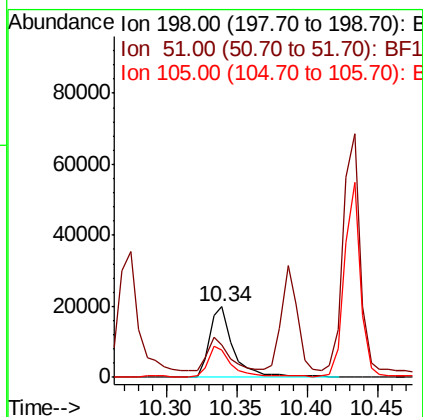
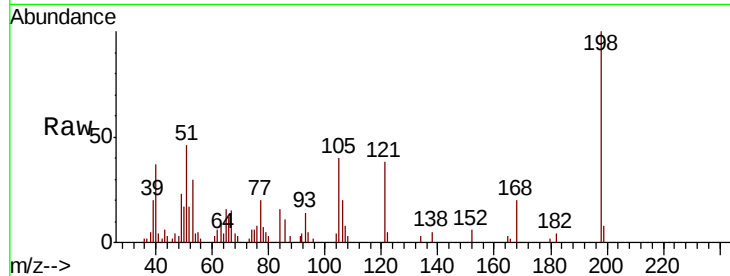




#65
4,6-Dinitro-2-methylphenol
Concen: 14.468 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

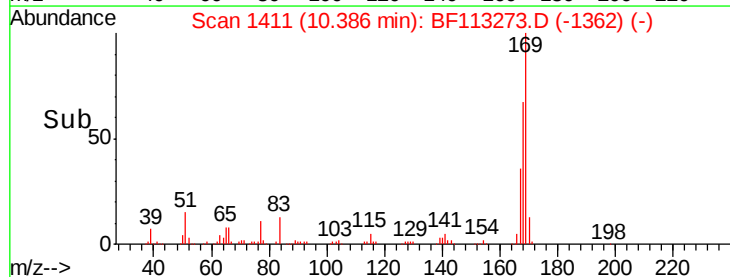
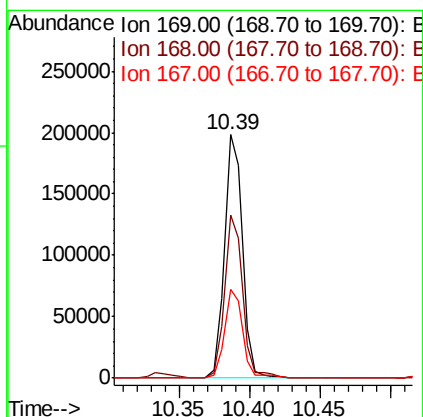
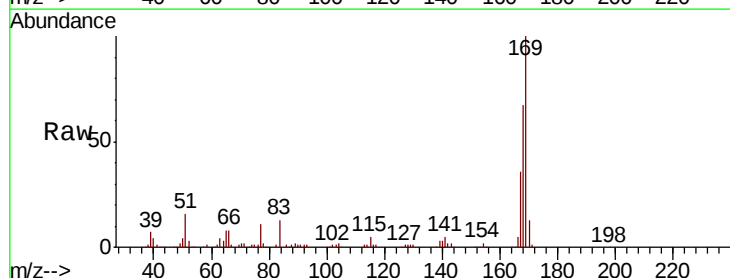
Instrument :
BNA_F
ClientSampleId :

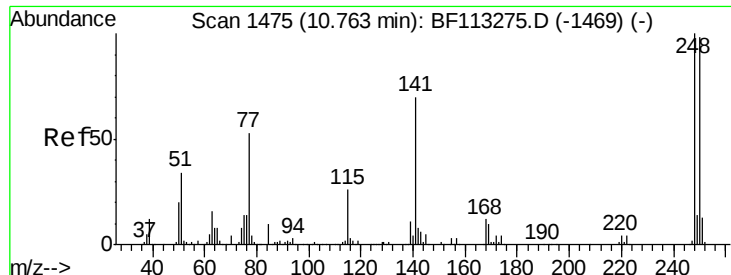
Tot Ion:198 Resp: 23122
Ion Ratio Lower Upper
198 100
51 45.7 21.6 61.6
105 39.7 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 10.609 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:169 Resp: 175623
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.5 29.5 44.3

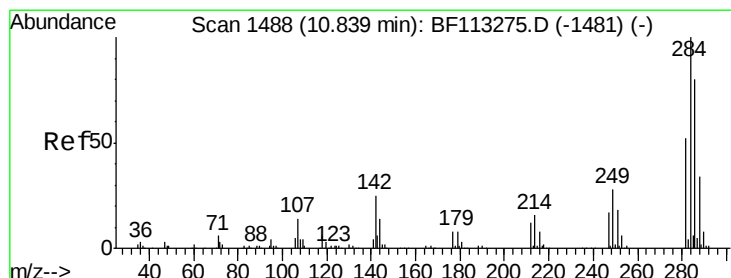
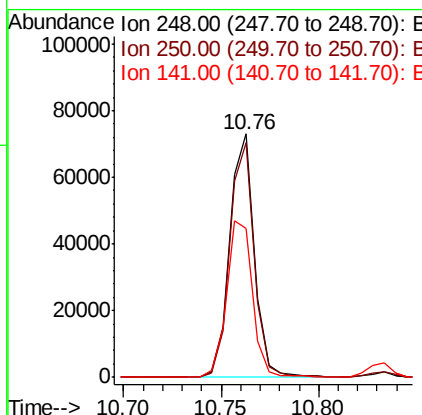
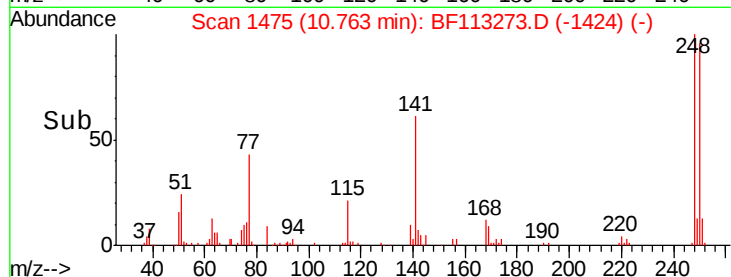
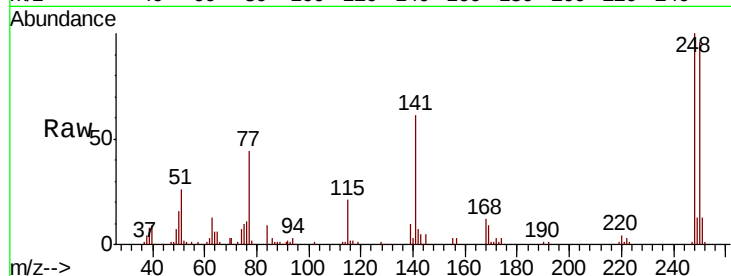




#67
4-Bromophenyl-phenylether
Concen: 11.694 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

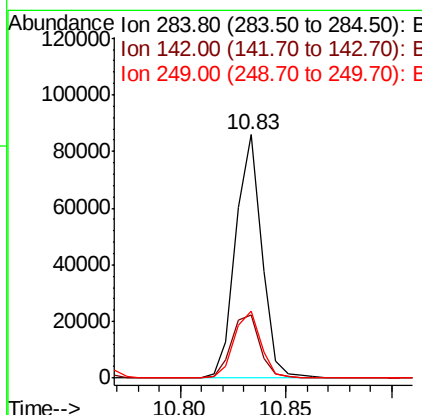
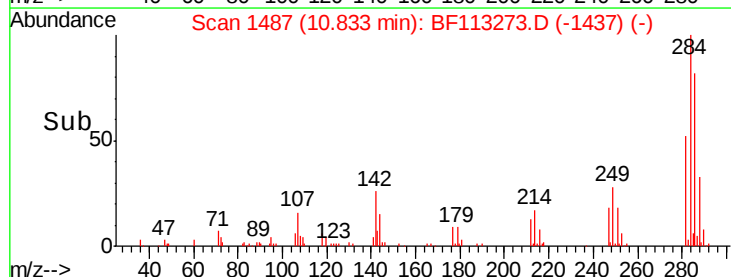
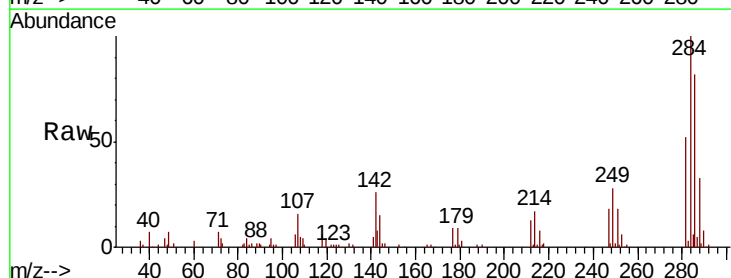
Instrument :
BNA_F
ClientSampled :

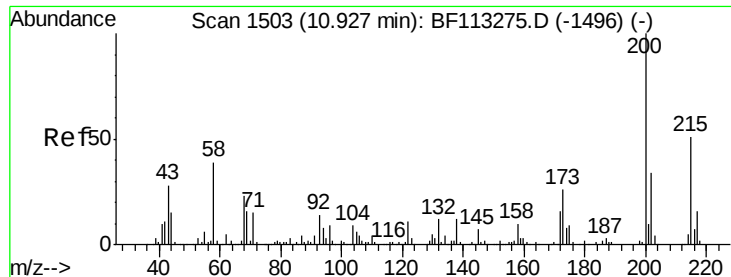
Tot Ion:248 Resp: 63578
Ion Ratio Lower Upper
248 100
250 96.4 78.3 117.5
141 61.1 56.2 84.4



#68
Hexachlorobenzene
Concen: 11.950 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:284 Resp: 73235
Ion Ratio Lower Upper
284 100
142 26.1 20.1 30.1
249 27.6 22.7 34.1

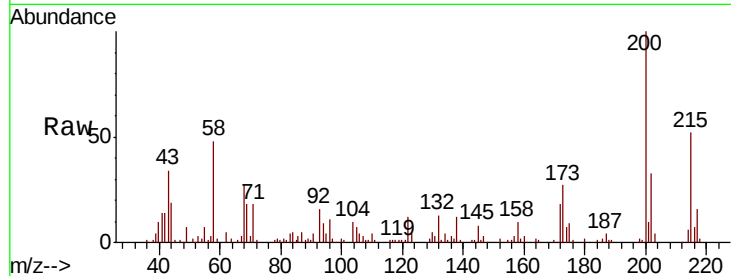




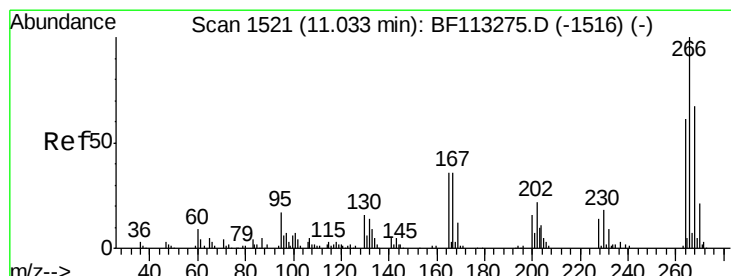
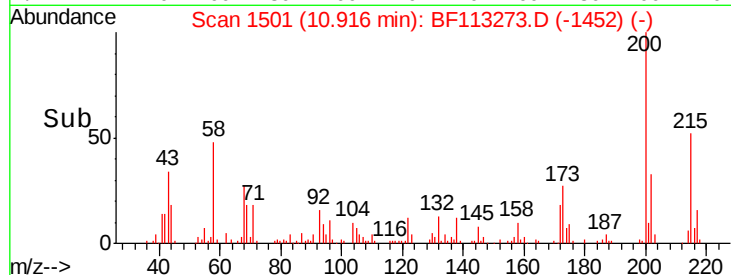
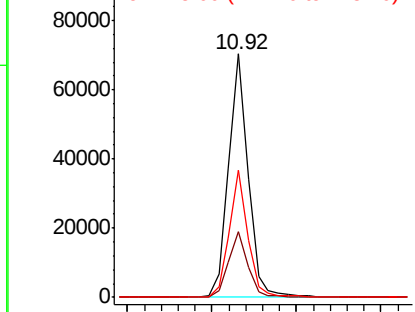
#69
Atrazine
Concen: 11.148 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 56518
Ion Ratio Lower Upper
200 100
173 27.0 6.0 46.0
215 52.2 31.3 71.3

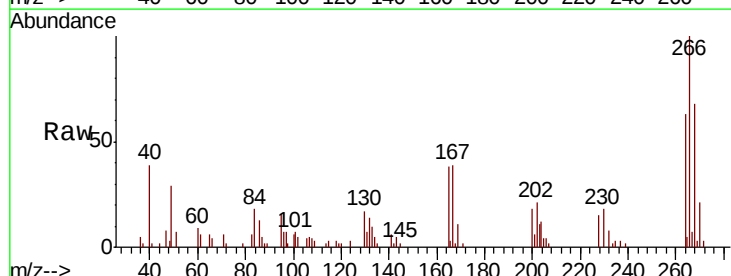


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

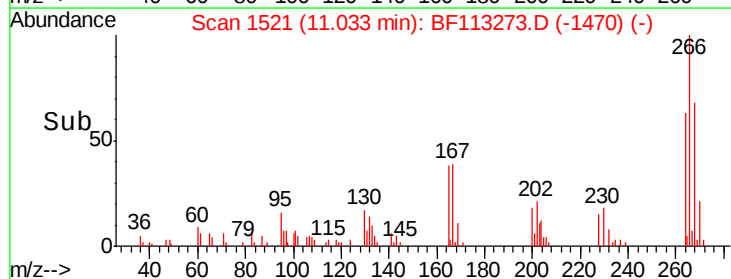
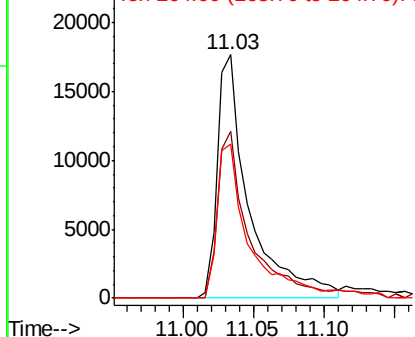


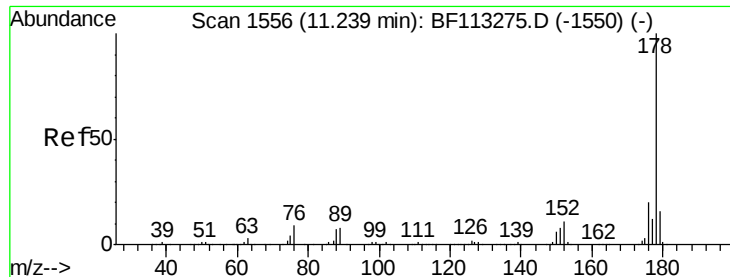
#70
Pentachlorophenol
Concen: 7.724 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:266 Resp: 27860
Ion Ratio Lower Upper
266 100
268 71.6 53.8 80.6
264 63.4 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

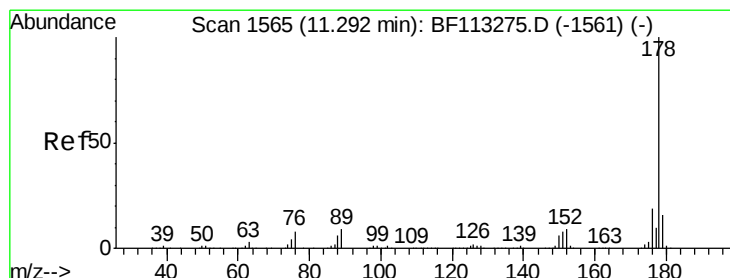
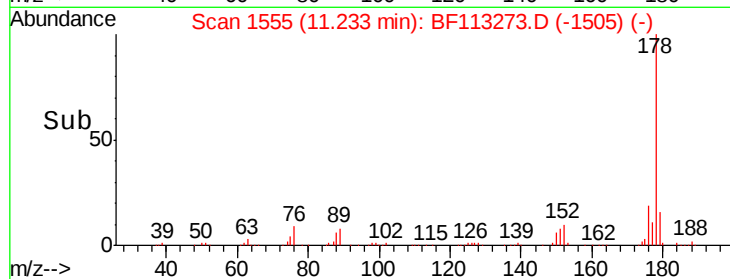
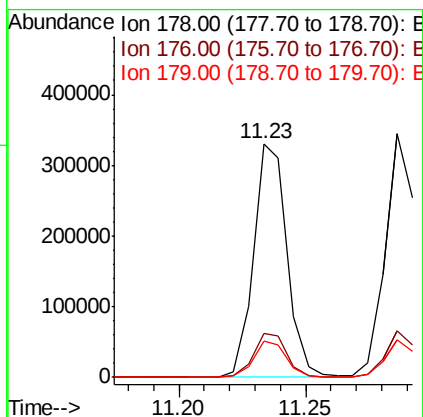
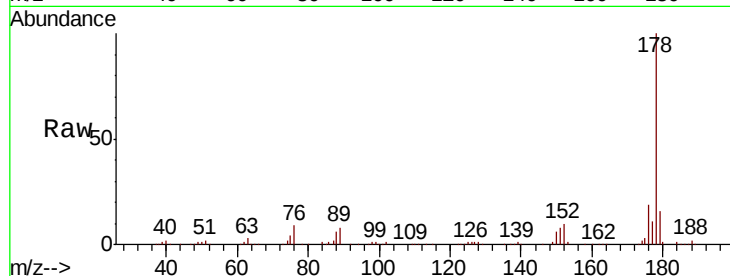




#71
Phenanthrene
Concen: 11.802 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

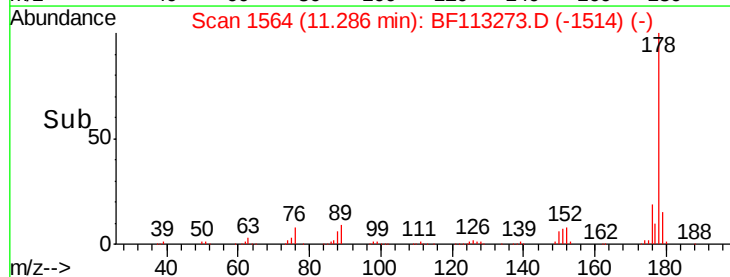
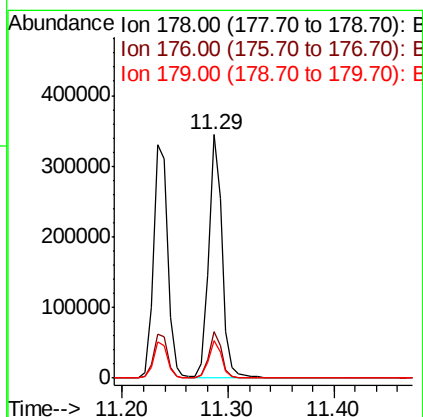
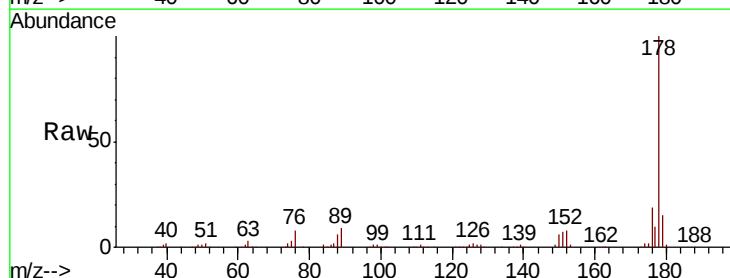
Instrument :
BNA_F
ClientSampleId :

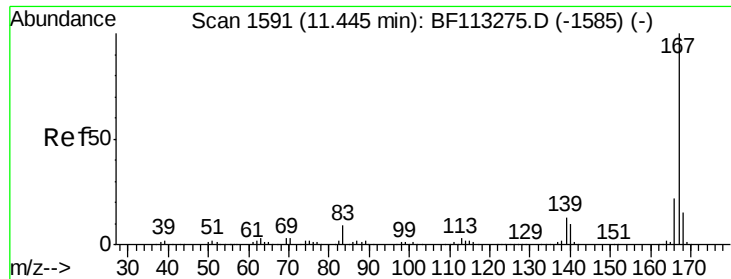
Tot Ion:178 Resp: 303087
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.2
179 15.6 12.7 19.1



#72
Anthracene
Concen: 11.432 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:178 Resp: 307305
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.3 12.8 19.2

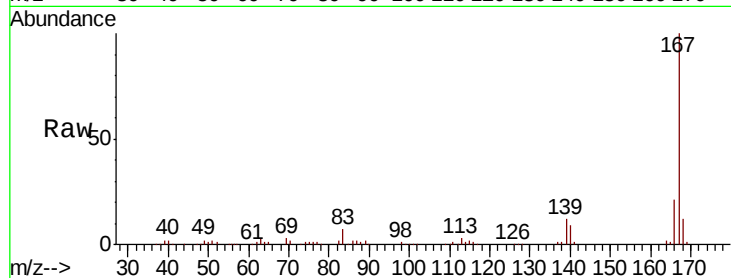




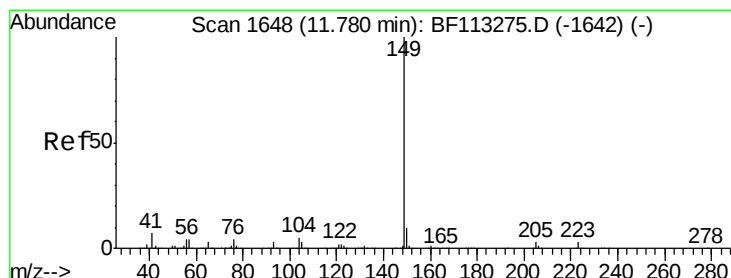
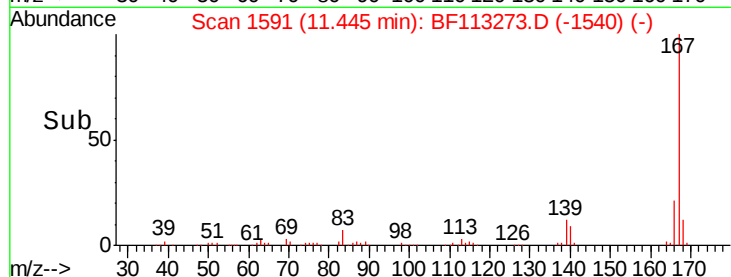
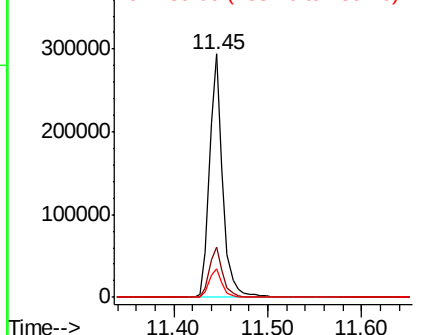
#73
 Carbazole
 Concen: 11.035 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 289372
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 11.8 10.4 15.6

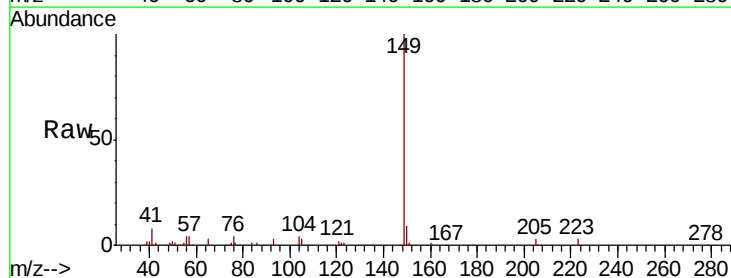


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

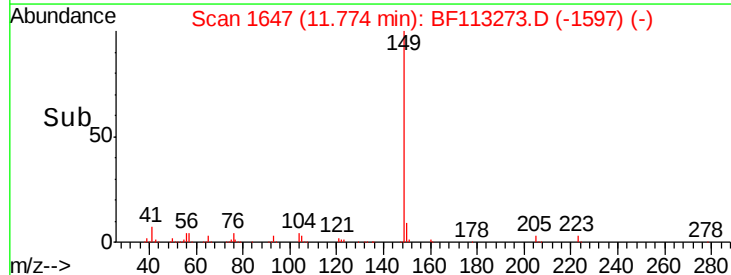
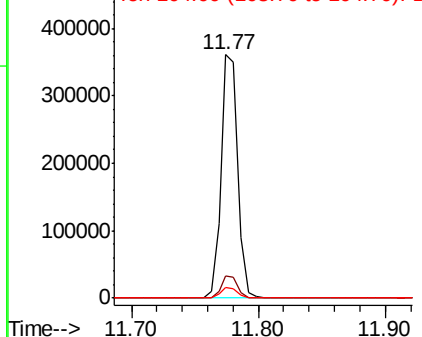


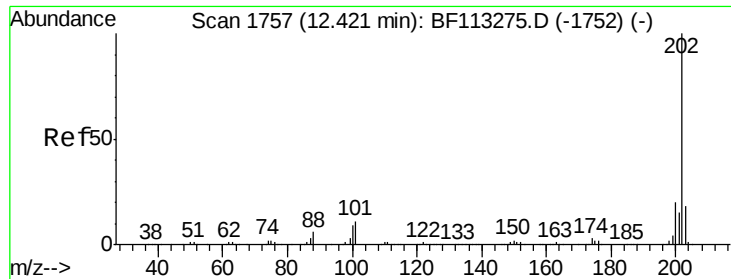
#74
 Di-n-butylphthalate
 Concen: 10.544 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion:149 Resp: 331543
 Ion Ratio Lower Upper
 149 100
 150 9.2 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

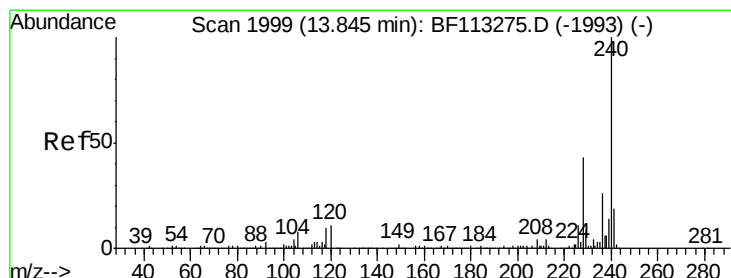
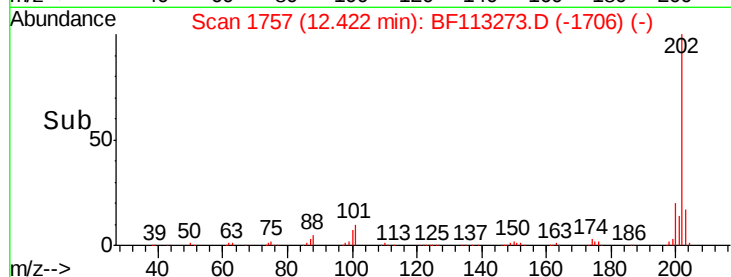
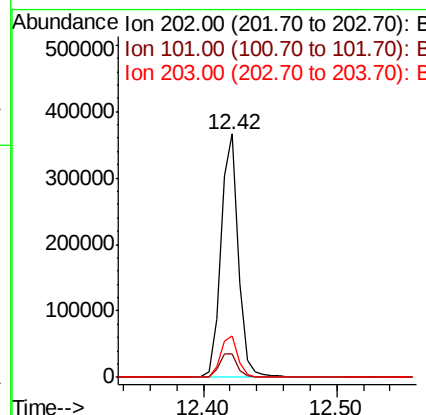
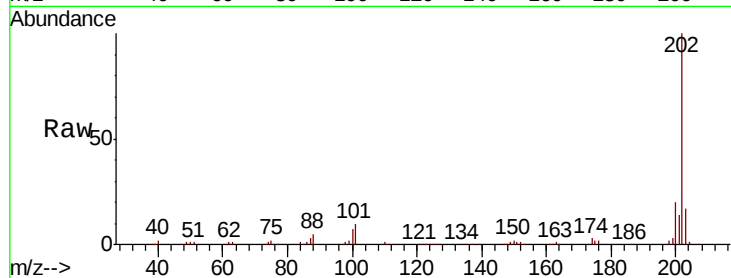




#75
 Fluoranthene
 Concen: 12.235 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

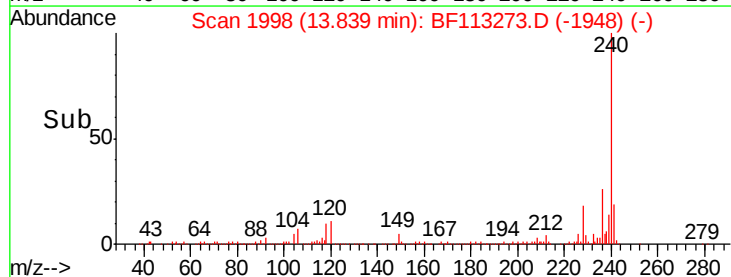
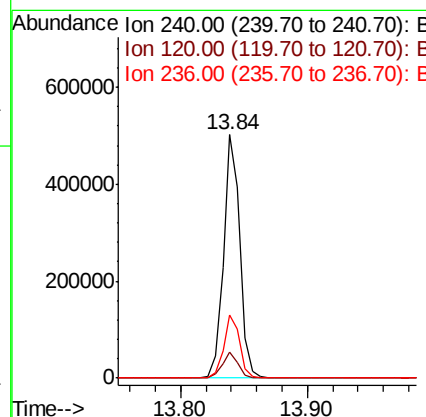
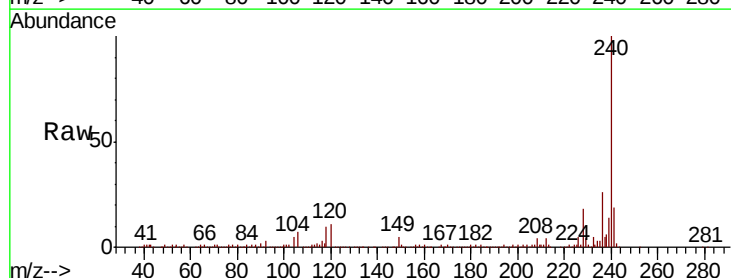
Instrument :
 BNA_F
 ClientSampled :

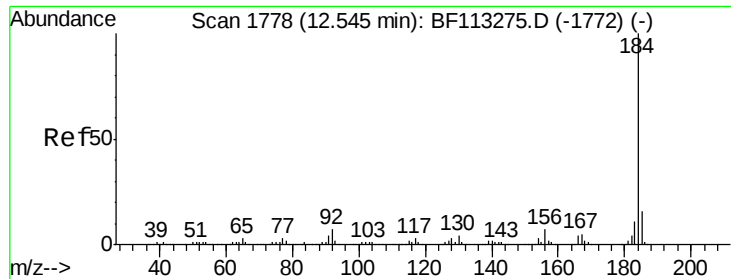
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	31.4
203	17.1	0.0	38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.8	20.9	31.3





#77

Benzidine

Concen: 8.407 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

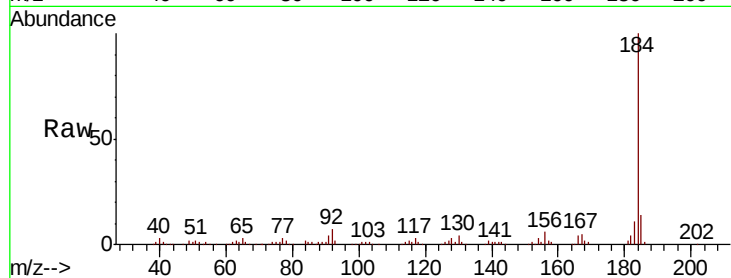
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 197260

Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.6
183	10.6	9.0	13.4

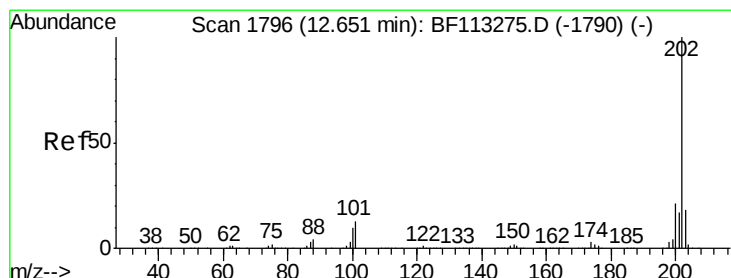
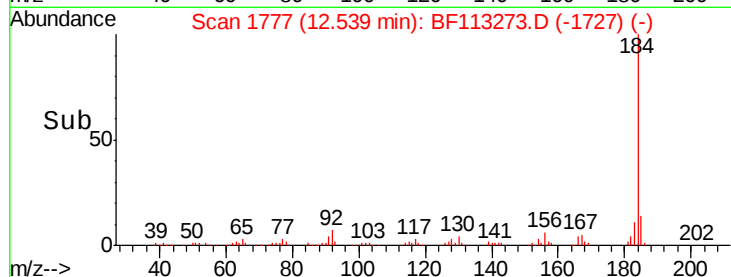
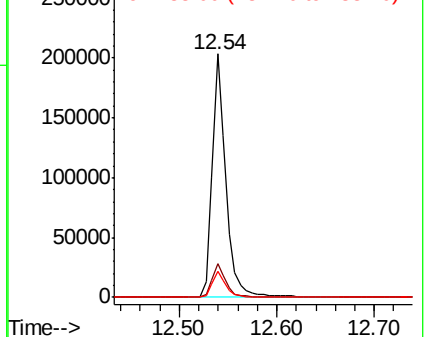


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 9.040 ng

RT: 12.65 min Scan# 1795

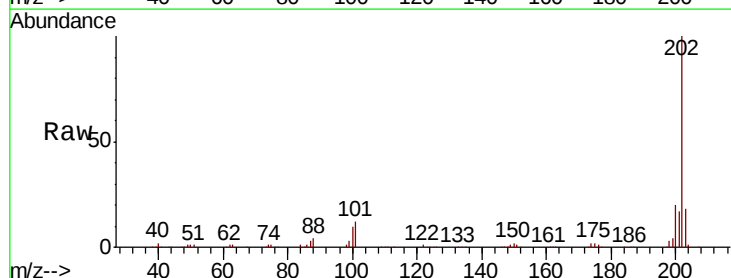
Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Tgt Ion:202 Resp: 344679

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.5	14.4	21.6

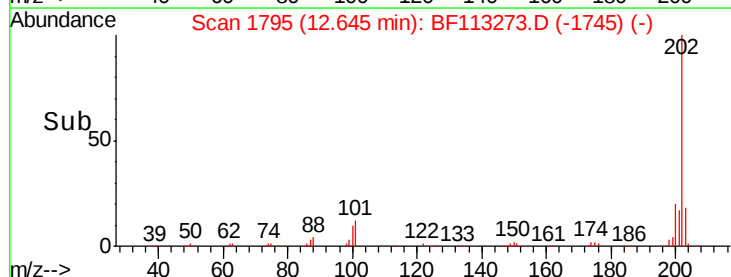
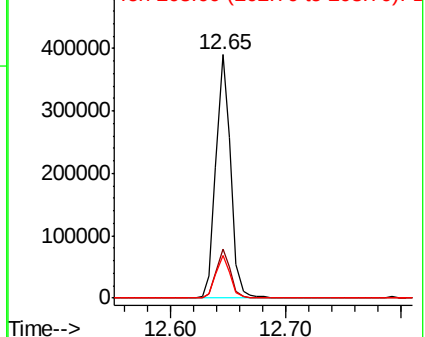


Abundance

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: 21.177 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

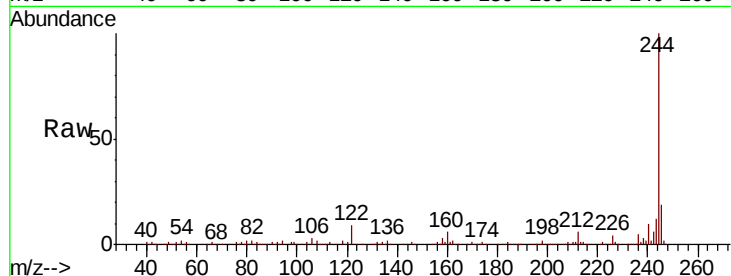
Tot Ion:244 Resp: 494086

Ion Ratio Lower Upper

244 100

212 6.0 5.5 8.3

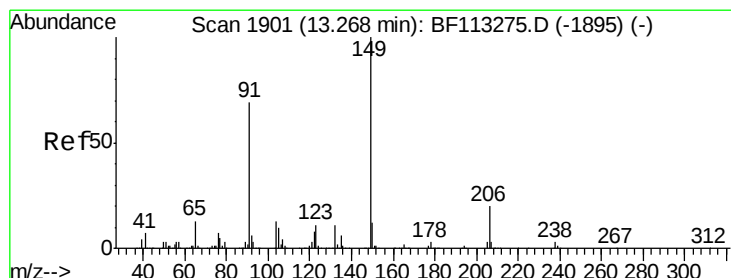
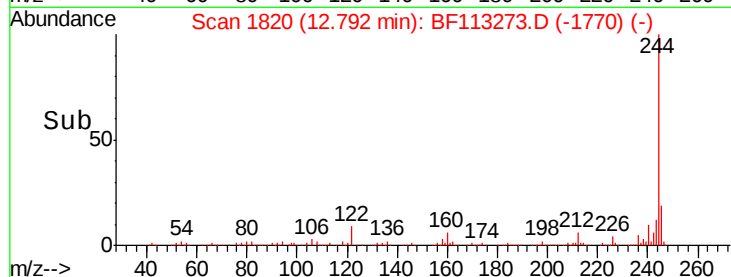
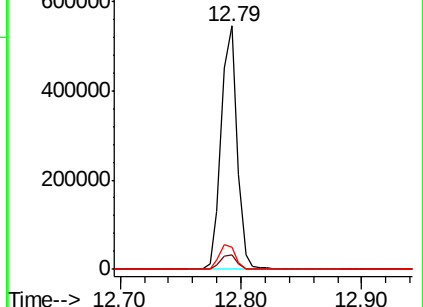
122 9.1 8.6 13.0



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: 8.468 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

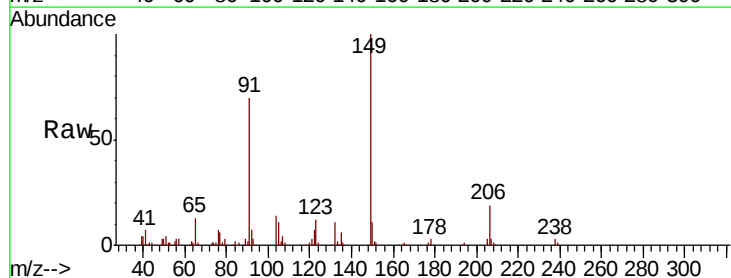
Tgt Ion:149 Resp: 142513

Ion Ratio Lower Upper

149 100

91 69.6 55.2 82.8

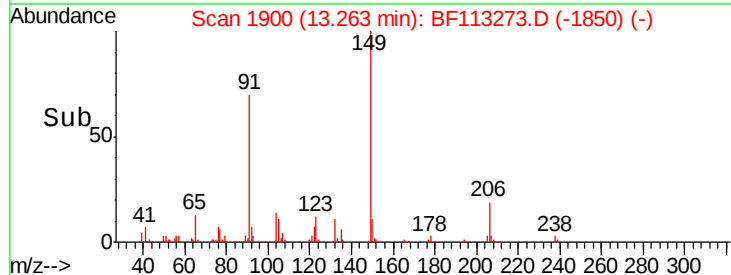
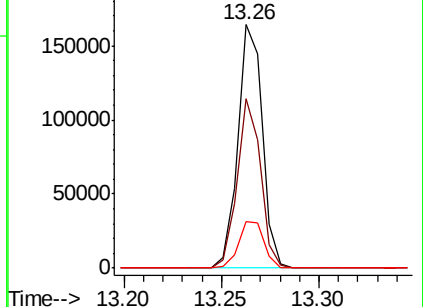
206 19.0 16.1 24.1

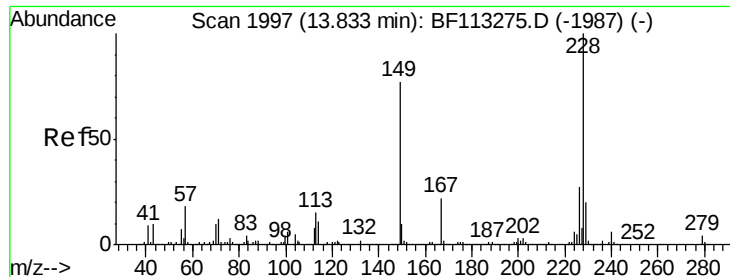


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.372 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113273.D

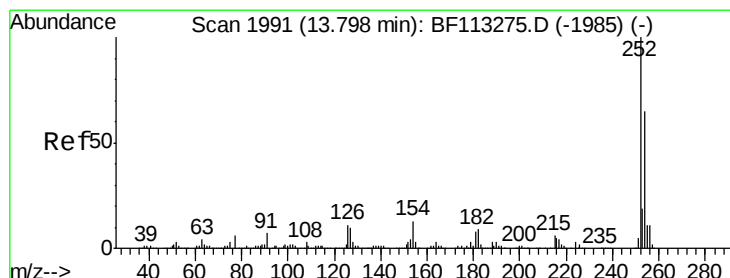
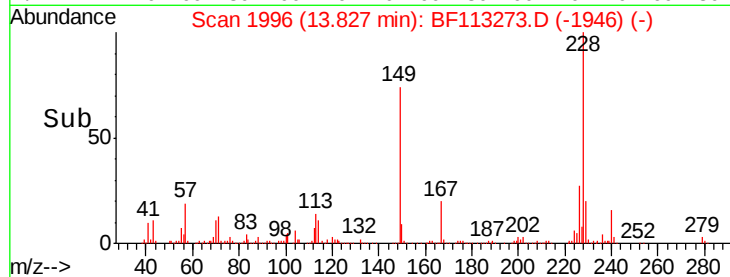
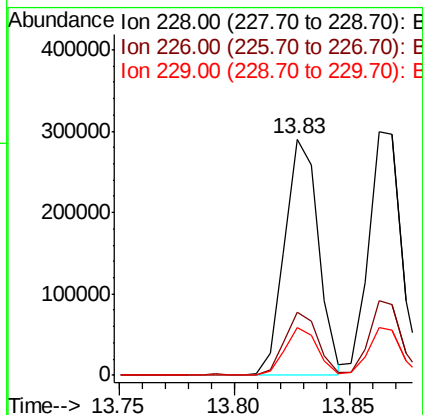
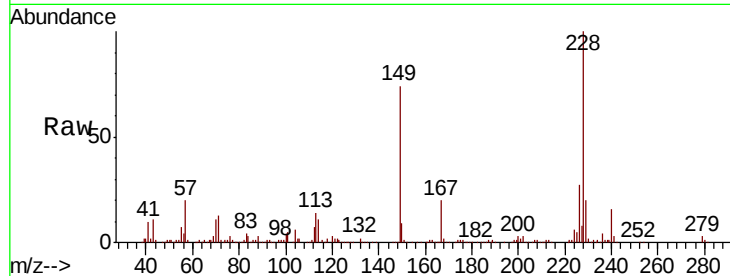
Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	228	Resp:	293785
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	20.2	16.2	24.4



#82

3,3'-Dichlorobenzidine

Concen: 10.125 ng

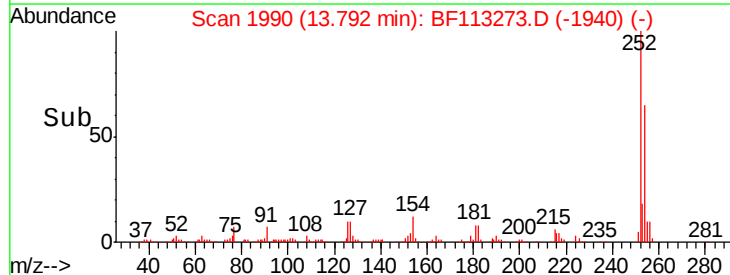
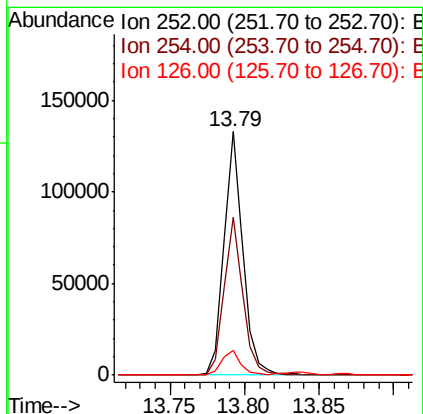
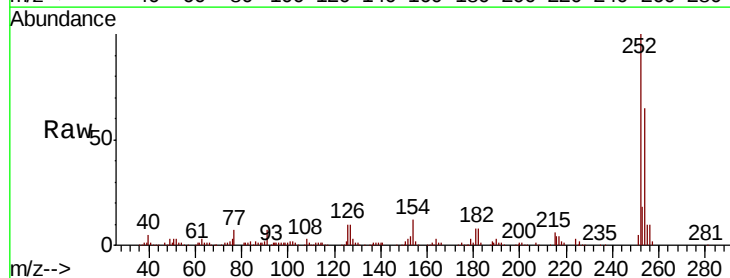
RT: 13.79 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Tgt Ion:	252	Resp:	120036
Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.2	78.2
126	9.9	8.5	12.7

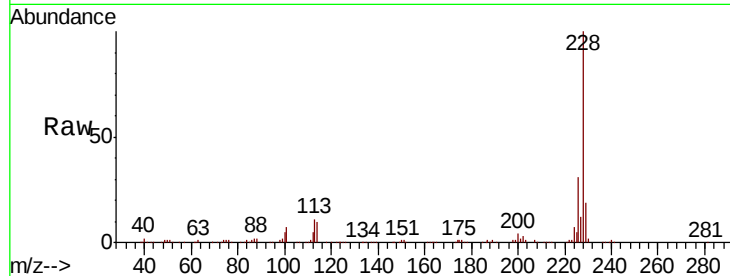




#83
 Chrvsene
 Concen: 9.671 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.4	16.3	24.5

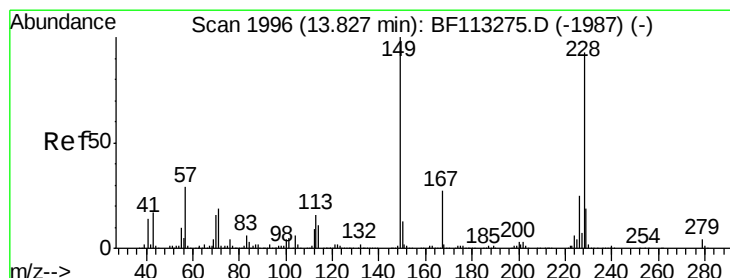
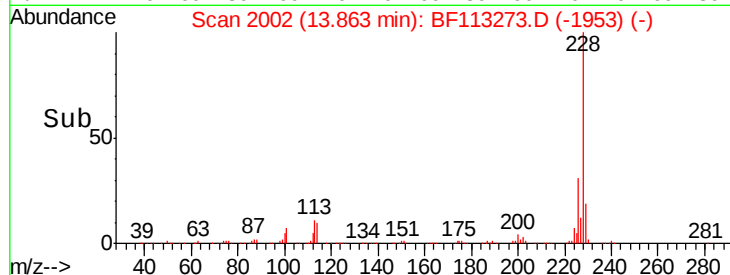
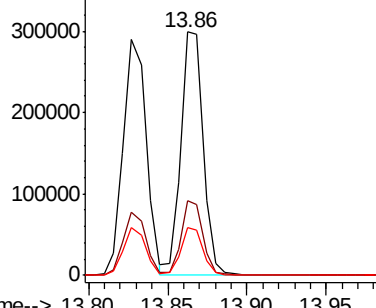


Abundance

Ion 228.00 (227.70 to 228.70): E

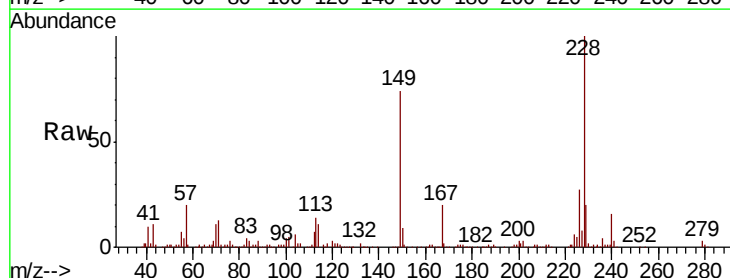
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.317 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF113273.D
 Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.2	2.9	4.3

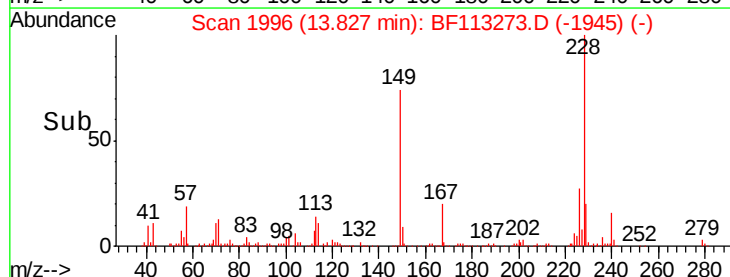
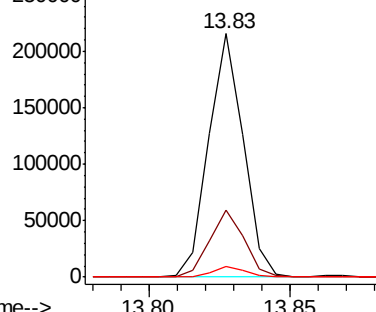


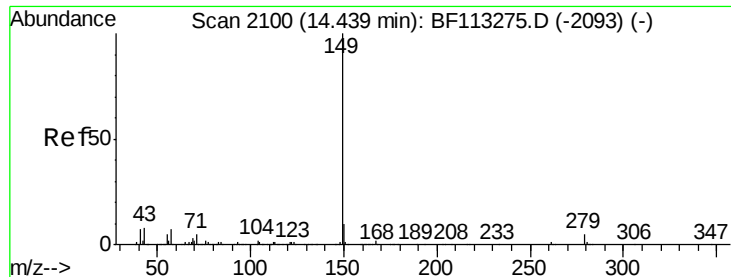
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.287 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

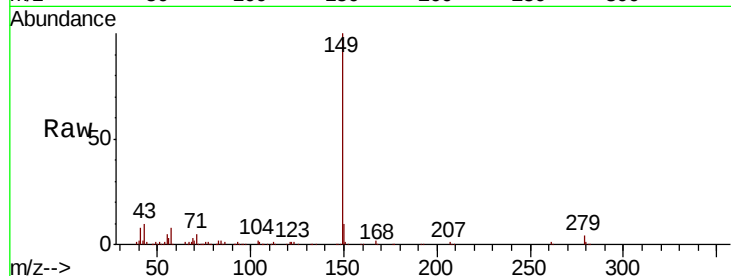
Tot Ion:149 Resp: 314790

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

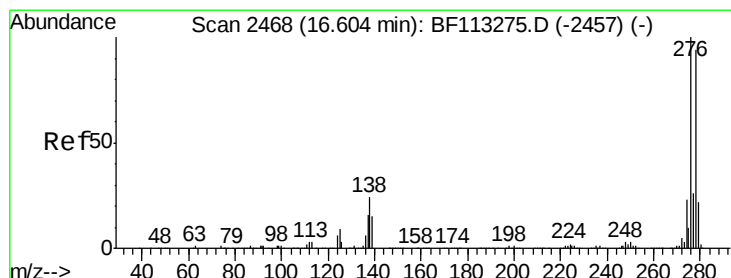
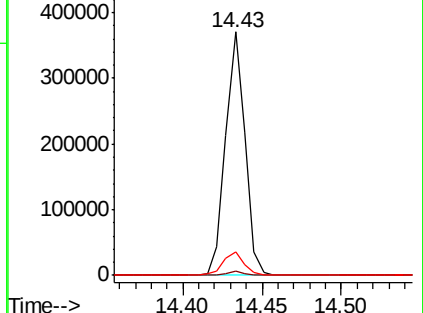
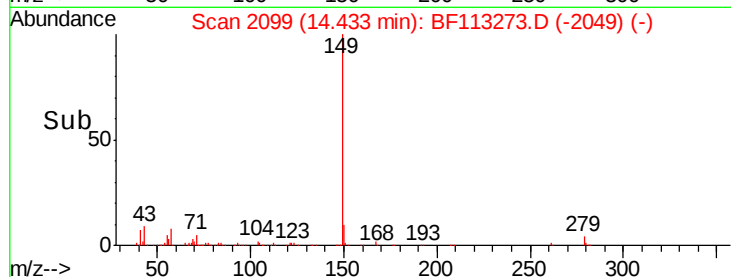
43 9.5 7.7 11.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 10.185 ng

RT: 16.59 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

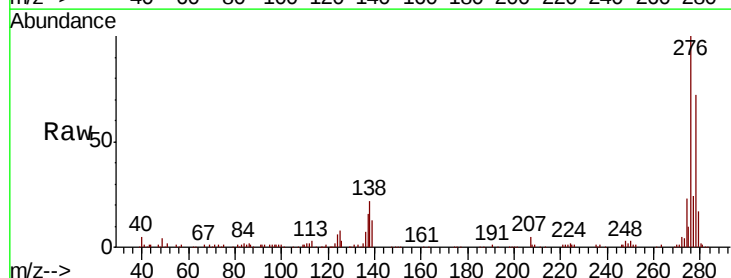
Tgt Ion:276 Resp: 266613

Ion Ratio Lower Upper

276 100

138 23.1 18.1 27.1

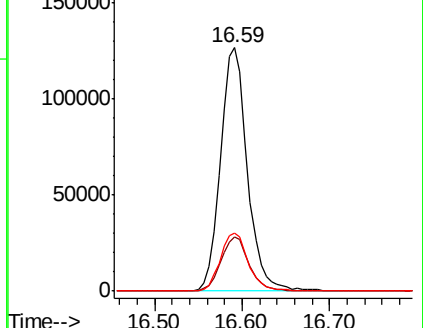
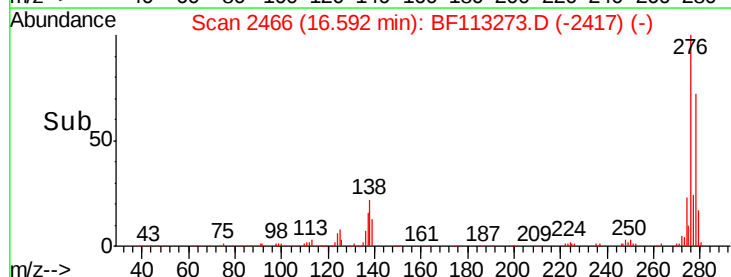
277 24.8 20.2 30.4

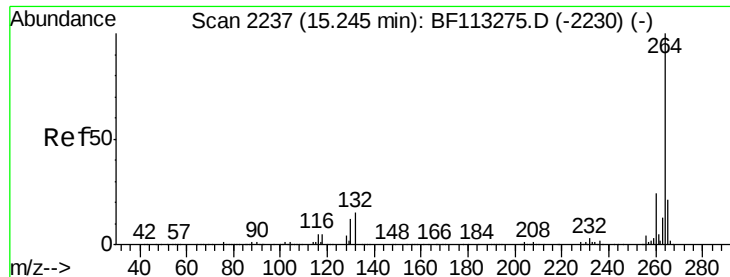


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



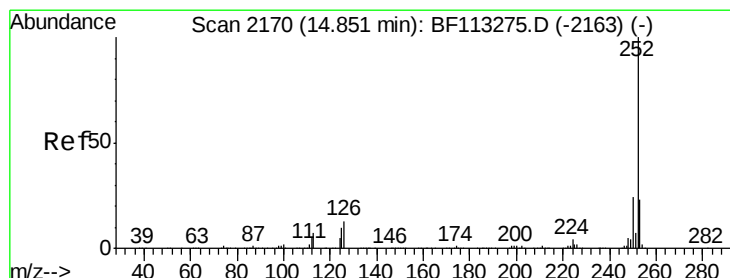
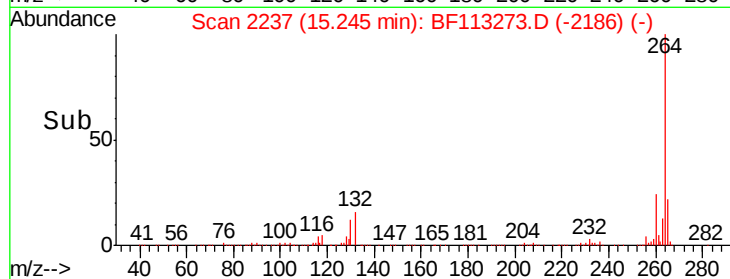
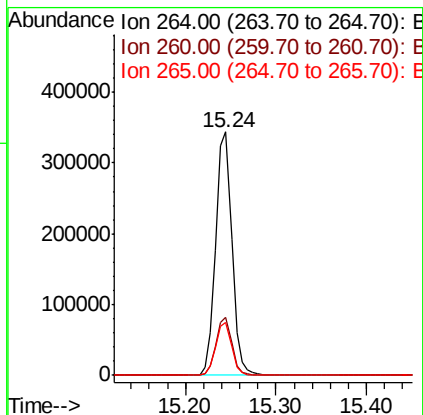
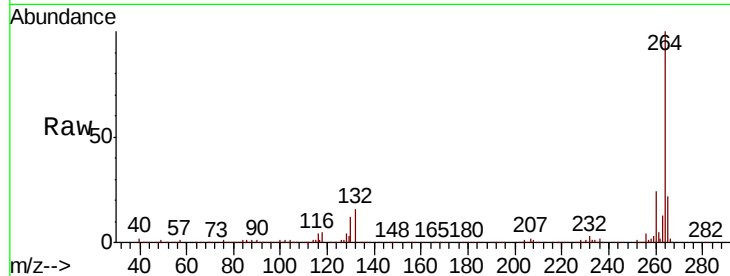


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 426896

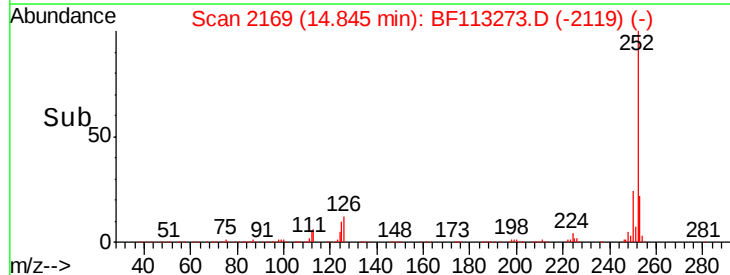
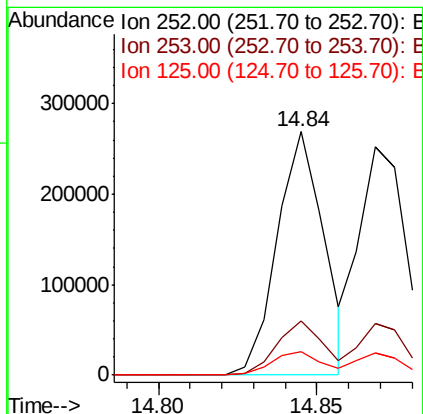
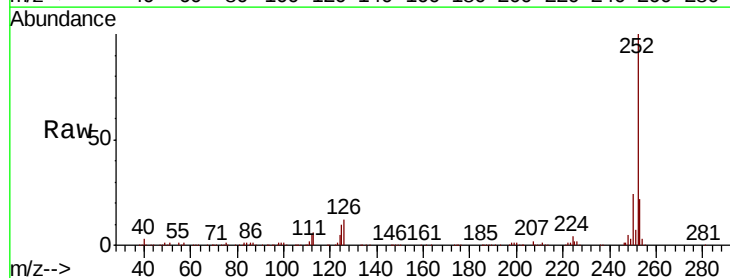
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.5	17.1	25.7

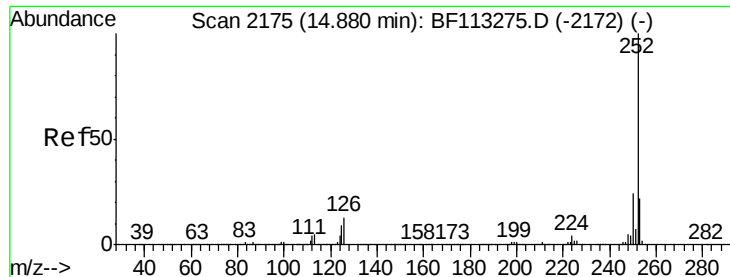


#88
Benzo(b)fluoranthene
Concen: 10.007 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion:252 Resp: 276334

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.8	7.6	11.4

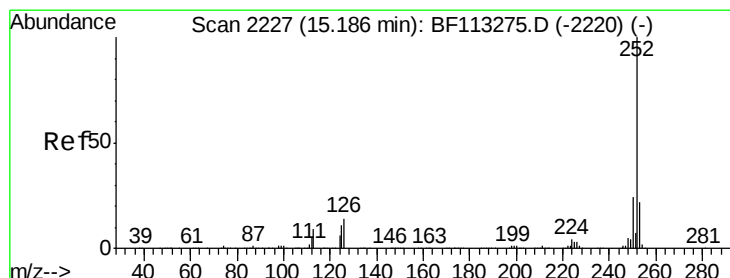
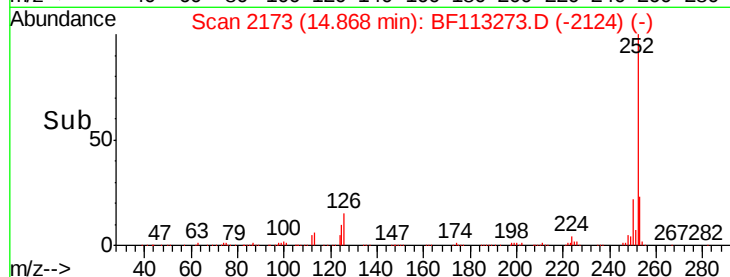
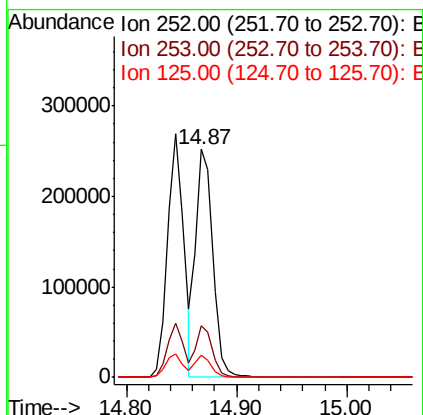
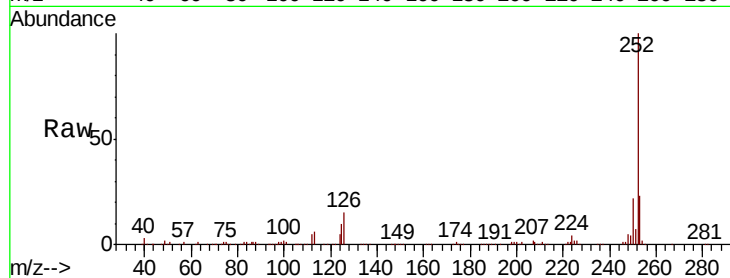




#89
Benzo(k)fluoranthene
Concen: 10.640 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

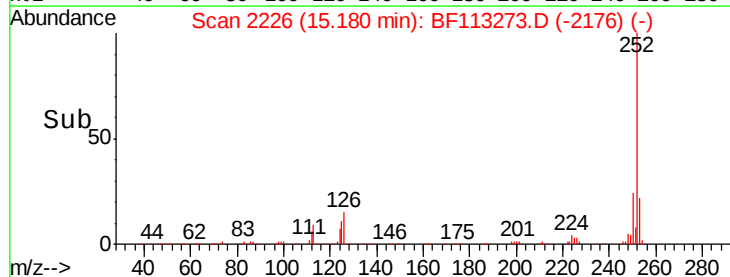
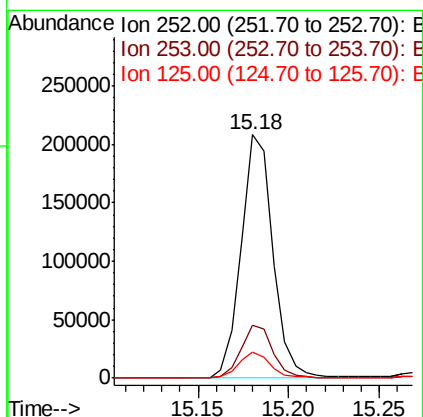
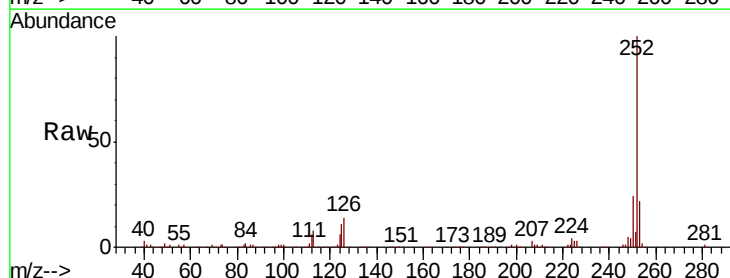
Instrument :
BNA_F
ClientSampleId :

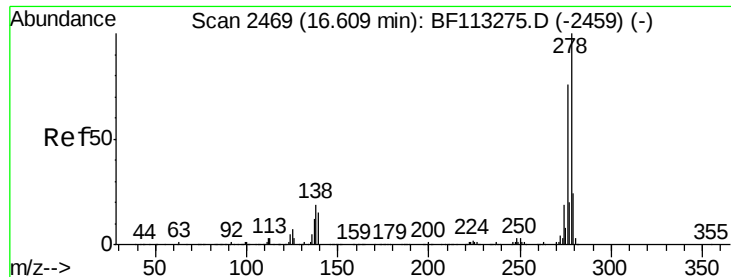
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	7.3	10.9



#90
Benzo(a)pyrene
Concen: 10.382 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113273.D
Acq: 25 Mar 2019 11:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	10.7	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 10.836 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

Instrument :

BNA_F

ClientSampleId :

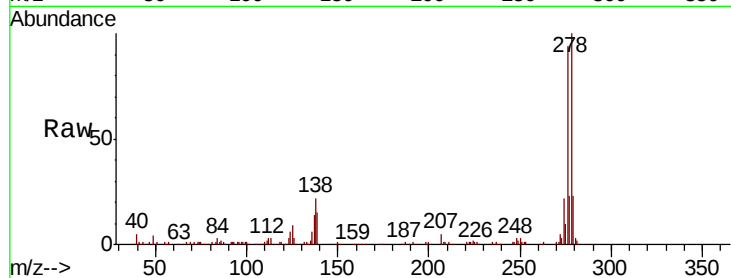
Tot Ion:278 Resp: 225842

Ion Ratio Lower Upper

278 100

139 15.4 12.0 18.0

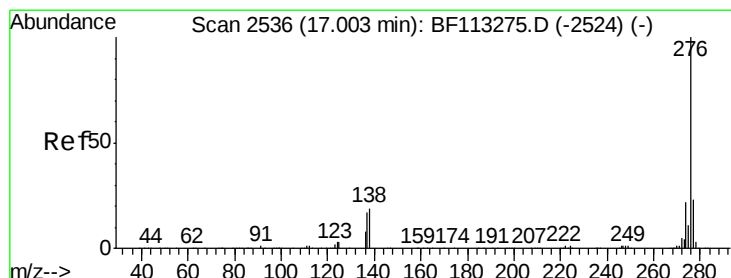
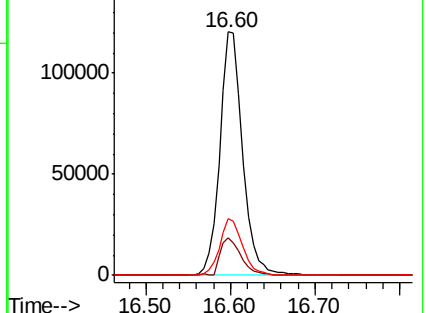
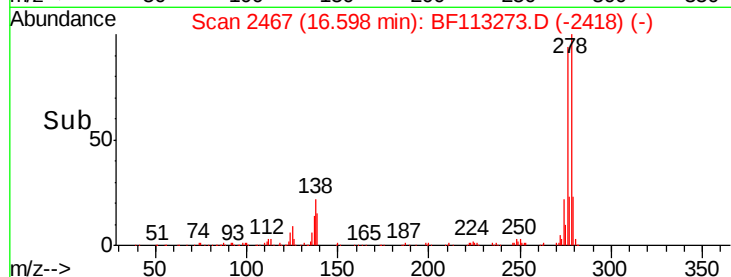
279 23.2 19.0 28.6



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: 10.213 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF113273.D

Acq: 25 Mar 2019 11:38

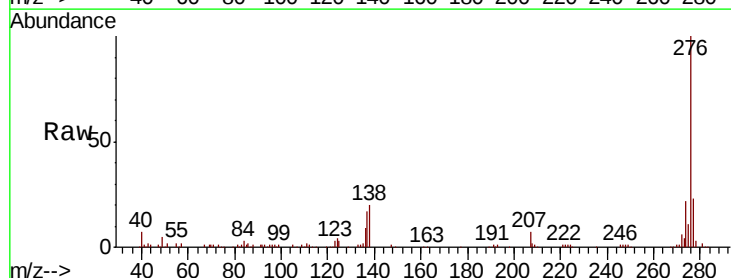
Tgt Ion:276 Resp: 213729

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 20.3 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

