

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113276.D
 Acq On : 25 Mar 2019 13:03
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 13:35:32 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	149904	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	513264	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	251399	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	519722	20.00	ng	0.00
76) Chrysene-d12	13.84	240	406510	20.00	ng	0.00
87) Perylene-d12	15.24	264	411011	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	906653	94.08	ng	0.00
7) Phenol-d6	6.36	99	1173375	96.93	ng	0.00
23) Nitrobenzene-d5	7.27	82	901548	105.11	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	314306	117.77	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1624181	119.68	ng	0.00
79) Terphenyl-d14	12.80	244	1866122	88.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	225303	46.641	ng	100
3) Pyridine	3.07	79	571910	44.253	ng	99
4) n-Nitrosodimethylamine	3.02	42	248295	43.920	ng	99
6) Aniline	6.37	93	723888	43.443	ng	93
8) 2-Chlorophenol	6.50	128	540669	50.401	ng	96
9) Benzaldehyde	6.25	77	389546	44.660	ng	99
10) Phenol	6.37	94	666357	47.172	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	513306	47.342	ng	98
12) 1,3-Dichlorobenzene	6.65	146	593668	53.572	ng	99
13) 1,4-Dichlorobenzene	6.72	146	550063	49.496	ng	99
14) 1,2-Dichlorobenzene	6.88	146	521807	51.219	ng	97
15) Benzyl Alcohol	6.86	79	398292	43.148	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	802111	44.329	ng	96
17) 2-Methylphenol	6.97	107	441695	50.754	ng	99
18) Hexachloroethane	7.22	117	175659	41.263	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	330498	43.108	ng	95
20) 3+4-Methylphenols	7.13	107	466068	47.436	ng	# 86
22) Acetophenone	7.12	105	671050	55.914	ng	# 98
24) Nitrobenzene	7.29	77	465055	48.713	ng	95
25) Isophorone	7.53	82	847923	45.886	ng	99
26) 2-Nitrophenol	7.61	139	248750	62.592	ng	93
27) 2,4-Dimethylphenol	7.66	122	346287	46.837	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	524379	45.387	ng	99
29) 2,4-Dichlorophenol	7.86	162	378465	52.786	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	407446	52.888	ng	98
31) Naphthalene	8.01	128	1254346	49.224	ng	100
32) Benzoic acid	7.80	122	277771	53.603	ng	100
33) 4-Chloroaniline	8.06	127	510368	47.287	ng	99
34) Hexachlorobutadiene	8.13	225	250068	57.556	ng	98
35) Caprolactam	8.45	113	123573	48.935	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	393220	49.556	ng	98
37) 2-Methylnaphthalene	8.70	142	822326	49.971	ng	99
38) 1-Methylnaphthalene	8.80	142	796917	49.992	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	400763	54.666	ng	100

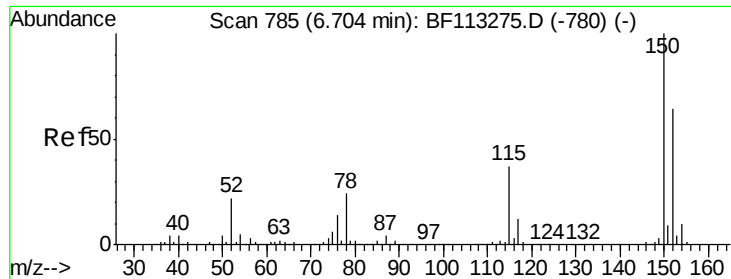
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032519\
 Data File : BF113276.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	176217	43.895	nq	99
43) 2,4,6-Trichlorophenol	8.99	196	261259	51.781	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	285198	52.296	nq	97
46) 1,1'-Biphenyl	9.17	154	1018204	49.655	nq	99
47) 2-Chloronaphthalene	9.19	162	777660	48.569	nq	99
48) 2-Nitroaniline	9.29	65	252598	51.903	nq	96
49) Acenaphthylene	9.60	152	1302974	47.935	nq	99
50) Dimethylphthalate	9.47	163	931213	50.236	nq	99
51) 2,6-Dinitrotoluene	9.53	165	210638	54.568	nq	90
52) Acenaphthene	9.77	154	730143	45.933	nq	99
53) 3-Nitroaniline	9.70	138	236870	50.359	nq	90
54) 2,4-Dinitrophenol	9.81	184	104813	67.479	nq	92
55) Dibenzofuran	9.95	168	1107834	47.952	nq	99
56) 4-Nitrophenol	9.87	139	172775	45.197	nq	96
57) 2,4-Dinitrotoluene	9.93	165	274656	57.241	nq	98
58) Fluorene	10.29	166	851702	51.942	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	244134	53.732	nq	96
60) Diethylphthalate	10.16	149	909358	46.448	nq	99
61) 4-Chlorophenyl-phenylether	10.28	204	416061	54.536	nq	95
62) 4-Nitroaniline	10.31	138	249683	57.446	nq	93
63) Azobenzene	10.44	77	855809	42.677	nq	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	140149	63.935	nq	84
66) n-Nitrosodiphenylamine	10.40	169	771481	46.285	nq	98
67) 4-Bromophenyl-phenylether	10.76	248	275093	50.252	nq	95
68) Hexachlorobenzene	10.84	284	323089	52.357	nq	96
69) Atrazine	10.93	200	250642	49.099	nq	96
70) Pentachlorophenol	11.03	266	173587	47.794	nq	98
71) Phenanthrene	11.25	178	1256325	48.585	nq	100
72) Anthracene	11.29	178	1280623	47.311	nq	99
73) Carbazole	11.45	167	1218617	46.151	nq	100
74) Di-n-butylphthalate	11.78	149	1439501	45.466	nq	100
75) Fluoranthene	12.43	202	1400617	50.556	nq	98
77) Benzidine	12.54	184	727525	34.495	nq	97
78) Pyrene	12.65	202	1424519	41.568	nq	100
80) Butylbenzylphthalate	13.27	149	617407	40.815	nq	99
81) Benzo(a)anthracene	13.84	228	1147207	40.719	nq	99
82) 3,3'-Dichlorobenzidine	13.80	252	462123	43.370	nq	99
83) Chrysene	13.87	228	1187796	43.040	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	764425	43.083	nq	100
85) Di-n-octyl phthalate	14.44	149	1320985	43.358	nq	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1092295	46.426	nq	99
88) Benzo(b)fluoranthene	14.85	252	1036414	38.984	nq	100
89) Benzo(k)fluoranthene	14.85	252	1036414	43.039	nq	99
90) Benzo(a)pyrene	15.19	252	1100983	46.820	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	883766	44.043	nq	99
92) Benzo(g,h,i)perylene	17.00	276	957745	47.533	nq	99

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

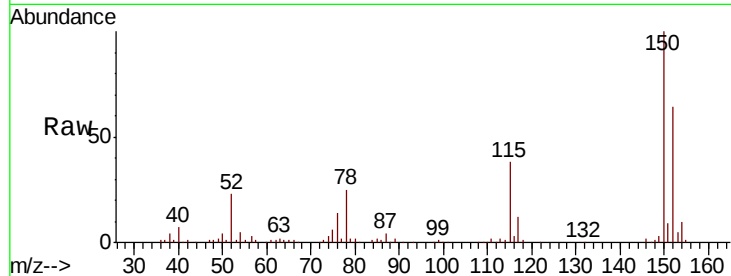


#1

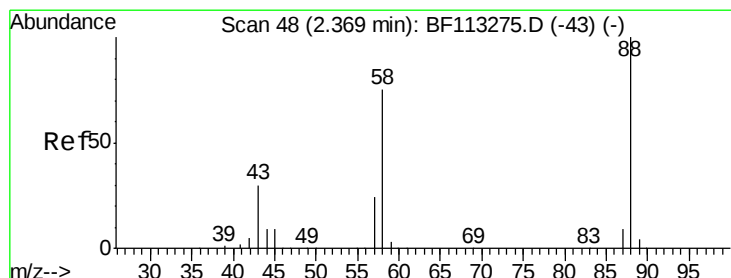
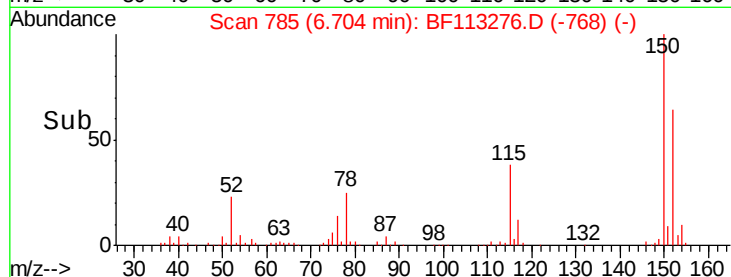
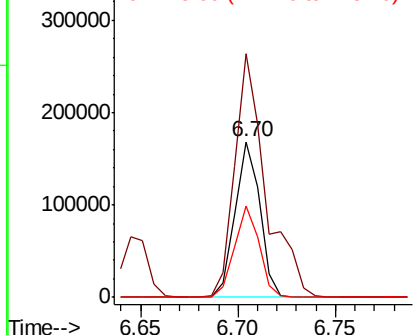
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 149904
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 59.1 46.0 69.0



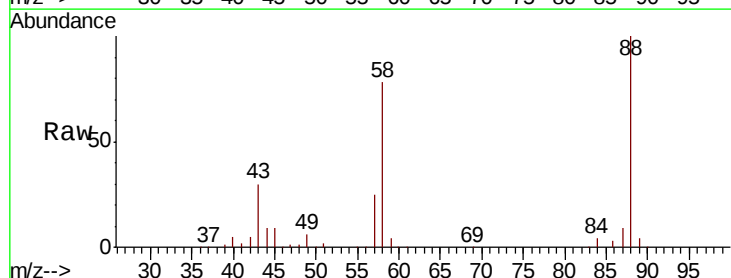
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



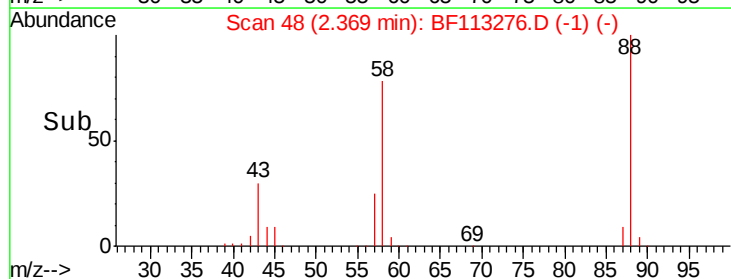
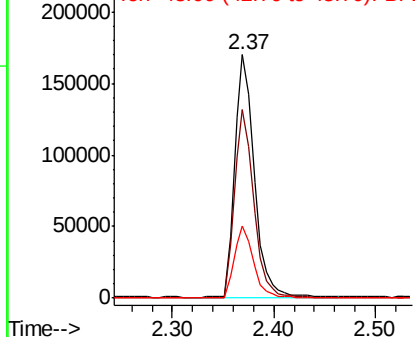
#2

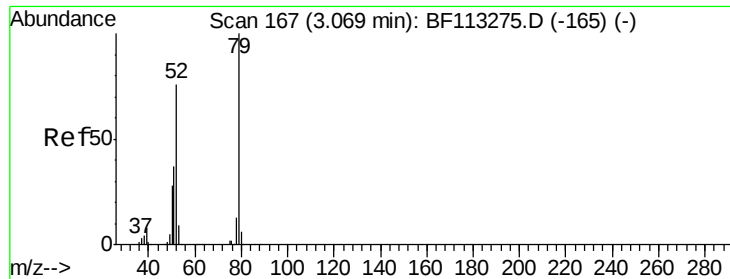
1,4-Dioxane
Concen: 46.641 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion: 88 Resp: 225303
Ion Ratio Lower Upper
88 100
58 77.2 61.9 92.9
43 29.7 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: 44.253 ng

RT: 3.07 min Scan# 167

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

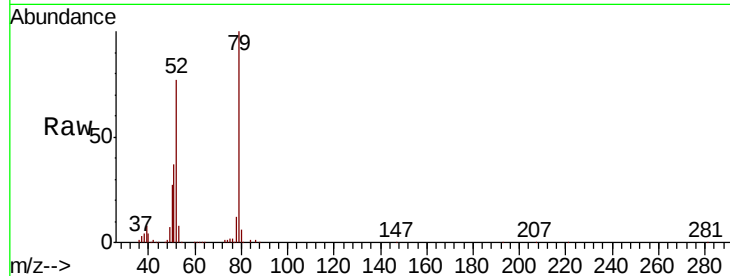
Tot Ion: 79 Resp: 571910

Ion Ratio Lower Upper

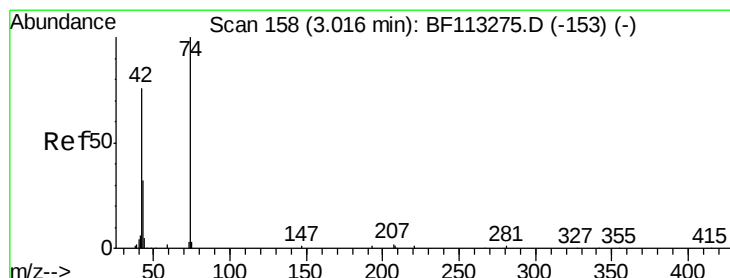
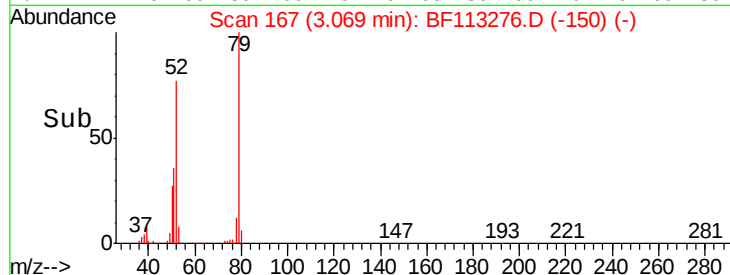
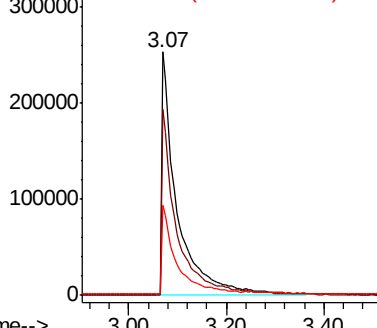
79 100

52 76.5 61.0 91.4

51 36.8 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: 43.920 ng

RT: 3.02 min Scan# 159

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

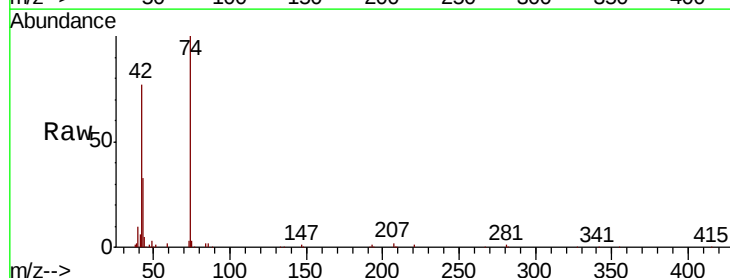
Tgt Ion: 42 Resp: 248295

Ion Ratio Lower Upper

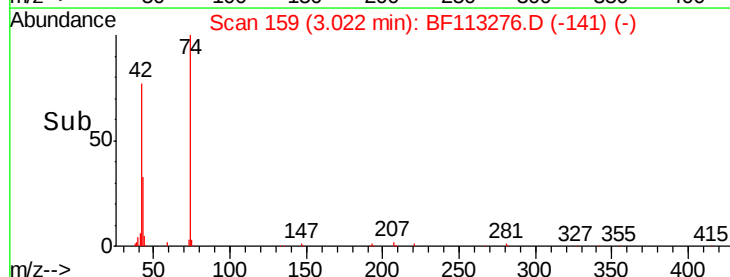
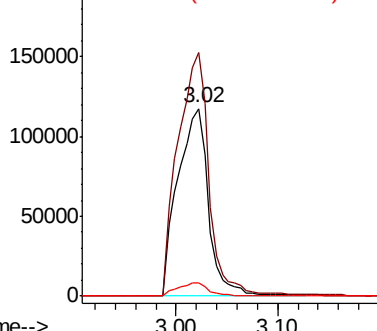
42 100

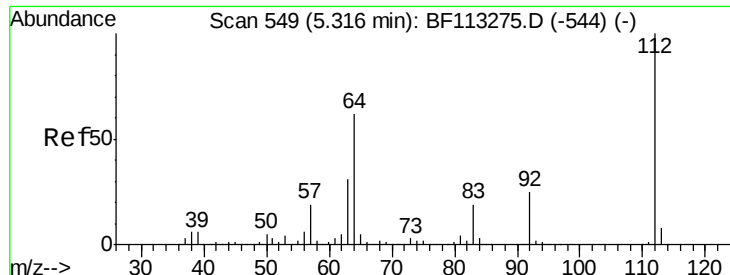
74 129.8 102.4 153.6

44 6.8 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: 94.083 ng

RT: 5.32 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampled :

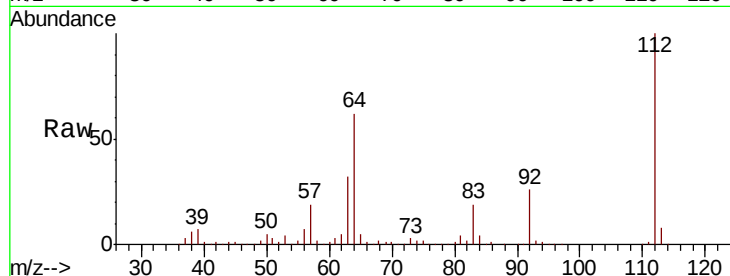
Tot Ion:112 Resp: 906653

Ion Ratio Lower Upper

112 100

64 62.1 49.2 73.8

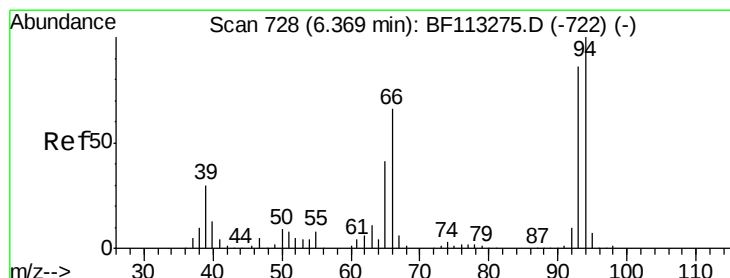
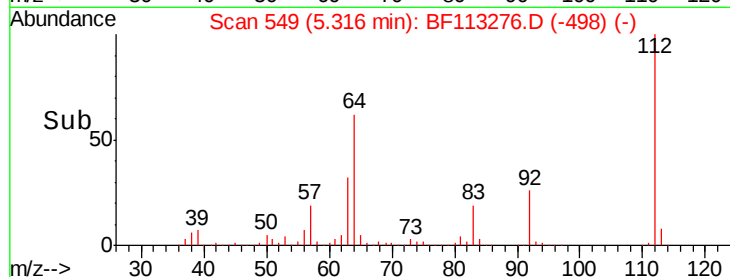
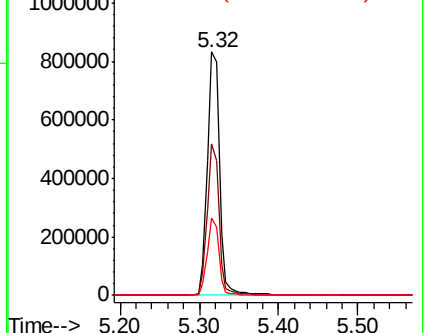
63 31.7 24.9 37.3



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: 43.443 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

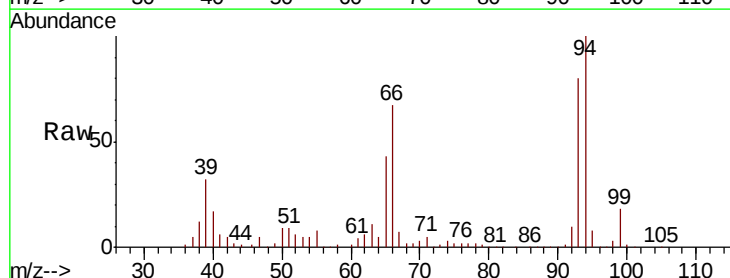
Tgt Ion: 93 Resp: 723888

Ion Ratio Lower Upper

93 100

66 83.9 62.1 93.1

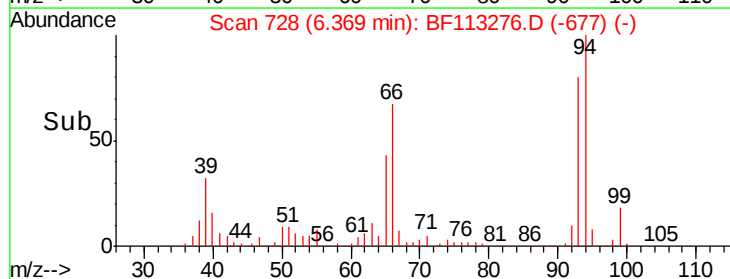
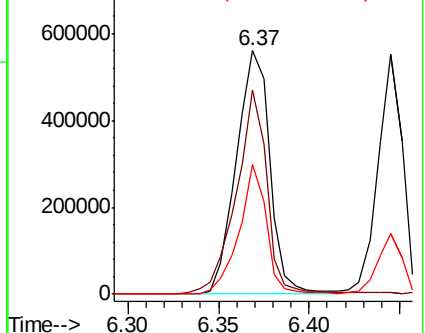
65 53.2 38.7 58.1



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: 96.930 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

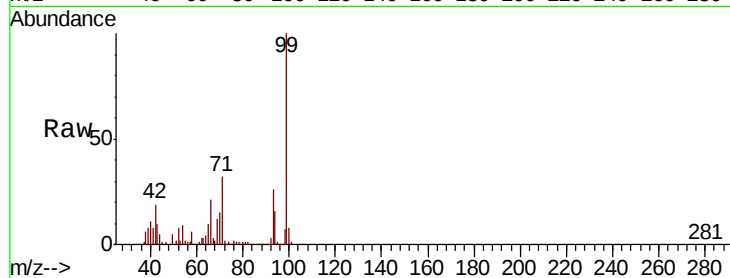
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1173375

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.8	22.2
71	32.1	24.9	37.3

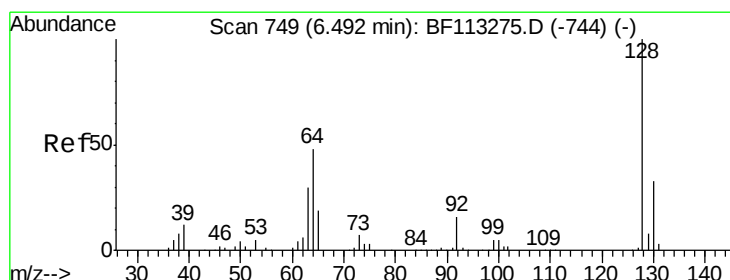
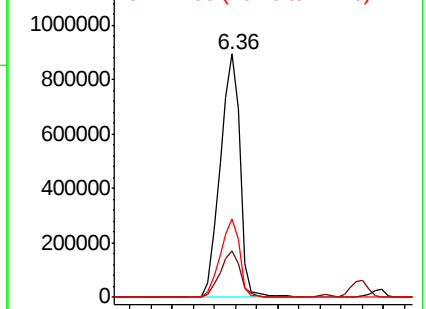
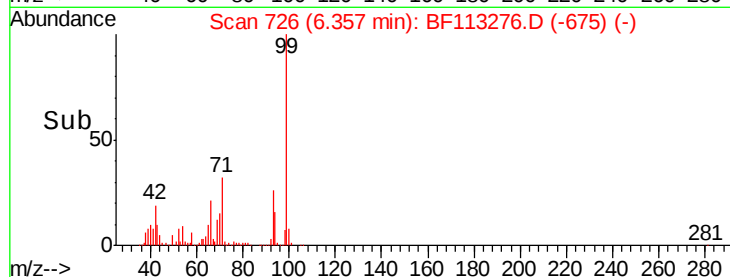


Abundance

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: 50.401 ng

RT: 6.50 min Scan# 750

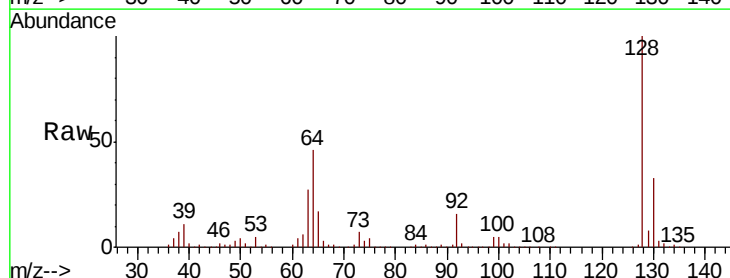
Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Tgt Ion: 128 Resp: 540669

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.6	52.6
64	45.5	29.4	69.4

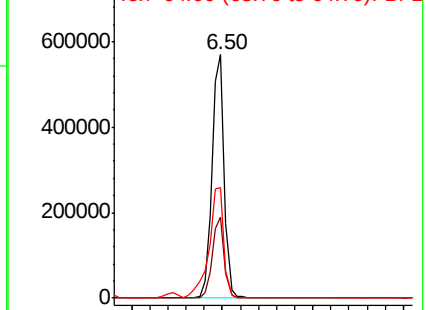
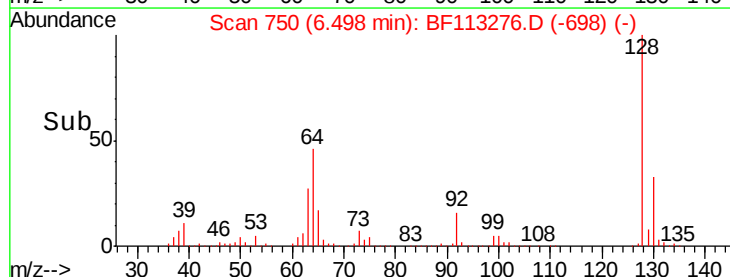


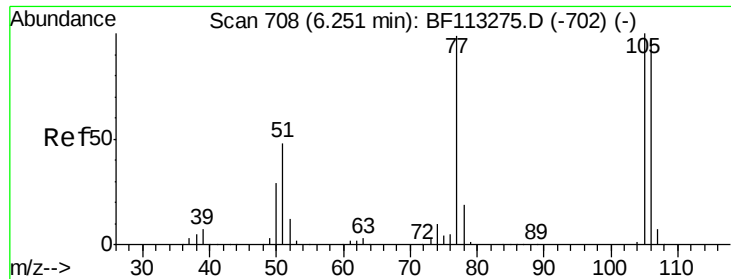
Abundance

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: 44.660 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampled :

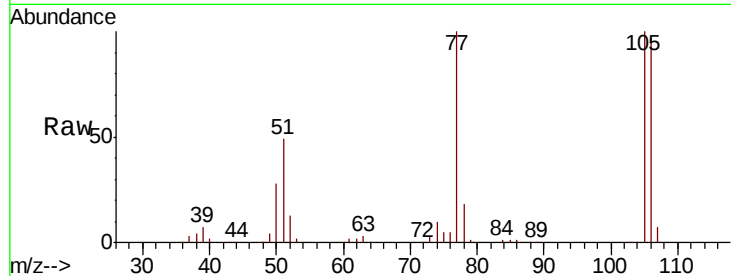
Tot Ion: 77 Resp: 389546

Ion Ratio Lower Upper

77 100

105 100.3 80.9 120.9

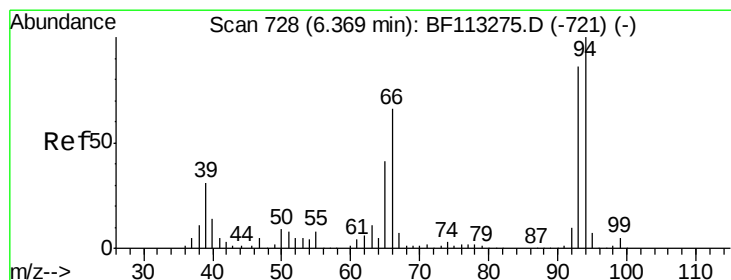
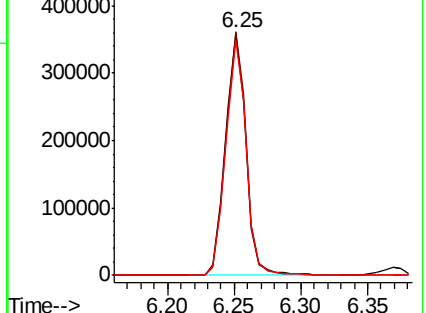
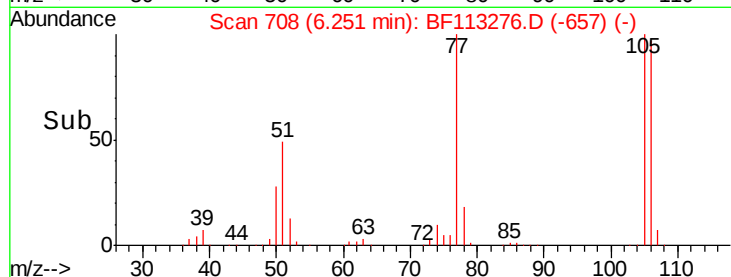
106 96.9 77.8 117.8



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: 47.172 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

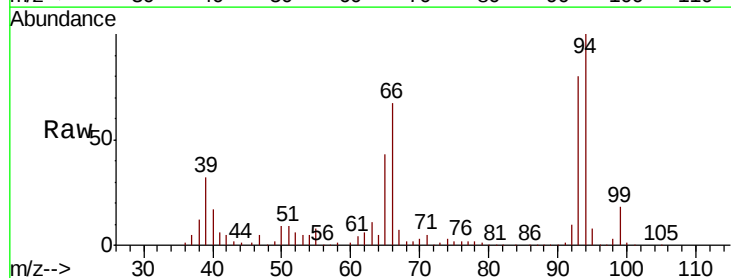
Tgt Ion: 94 Resp: 666357

Ion Ratio Lower Upper

94 100

65 42.6 21.4 61.4

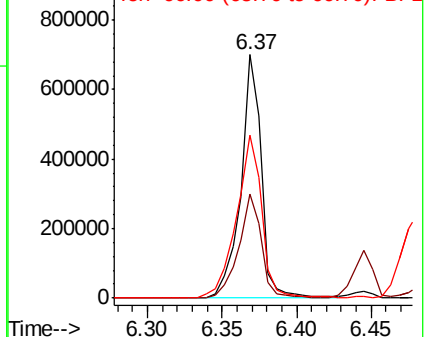
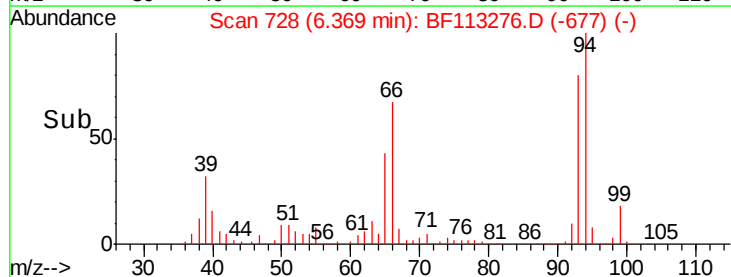
66 67.2 46.4 86.4

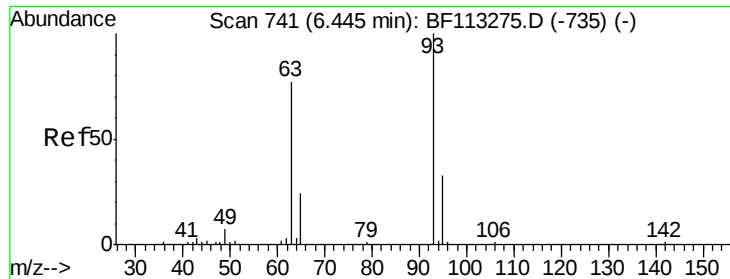


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

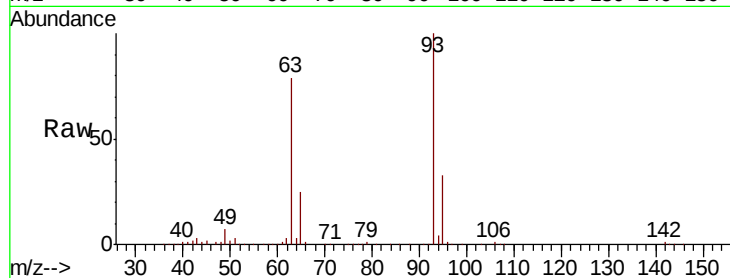




#11
bis(2-Chloroethyl)ether
Concen: 47.342 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	56.1	96.1
95	33.0	12.8	52.8

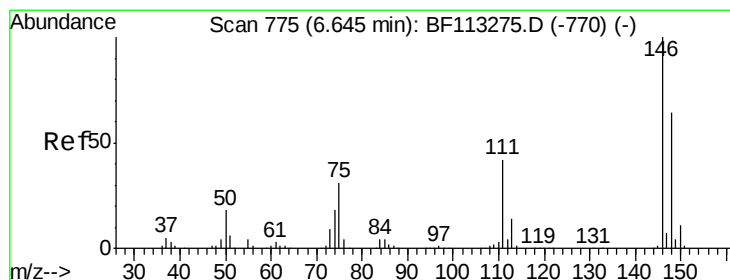
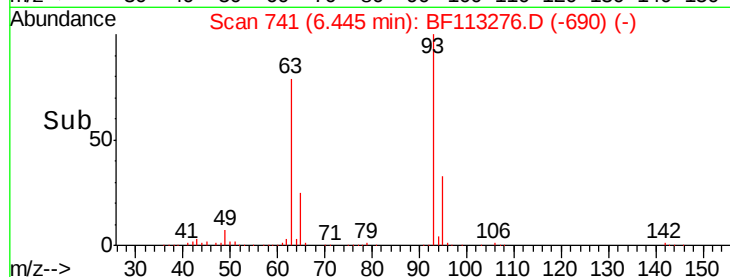
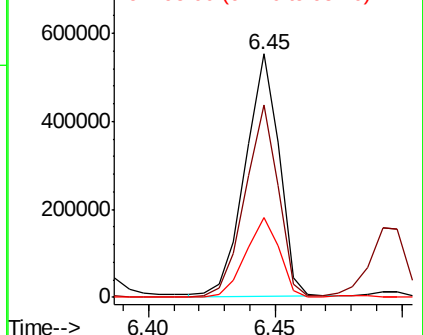


Abundance

Ion 93.00 (92.70 to 93.70): BF1

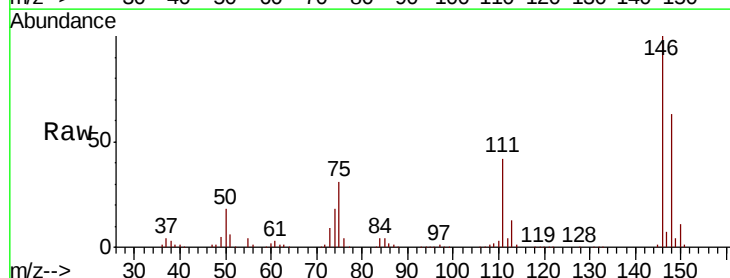
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 53.572 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.4	77.0
75	31.1	24.8	37.2

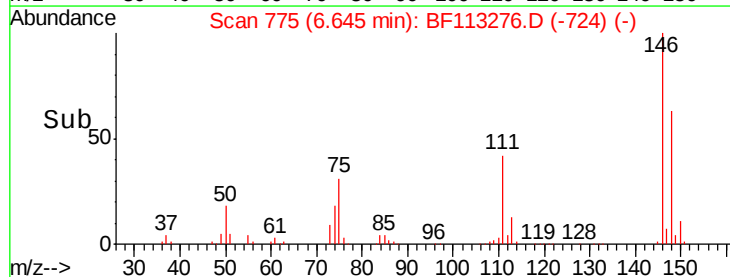
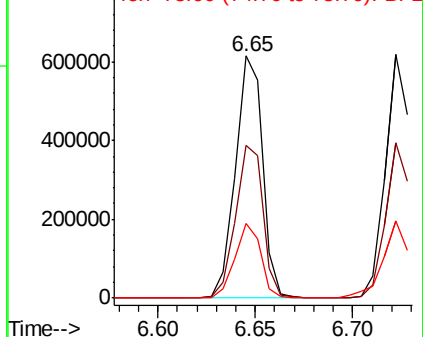


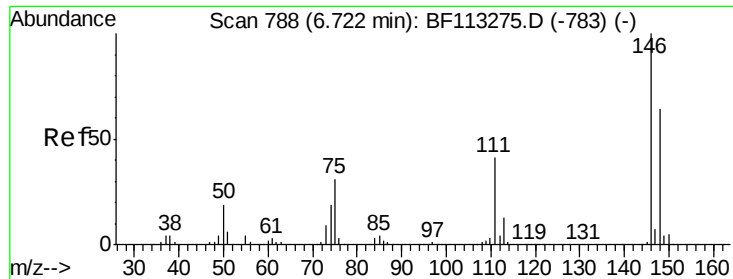
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

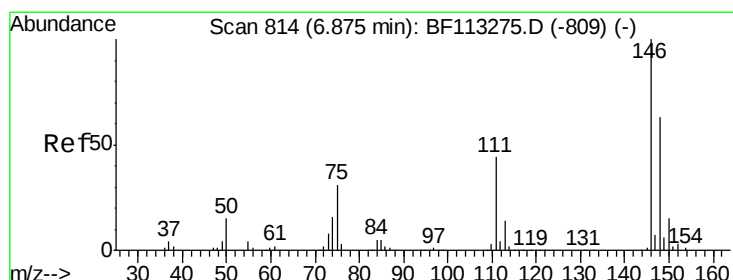
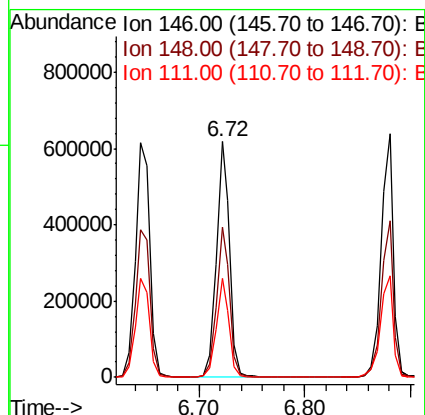
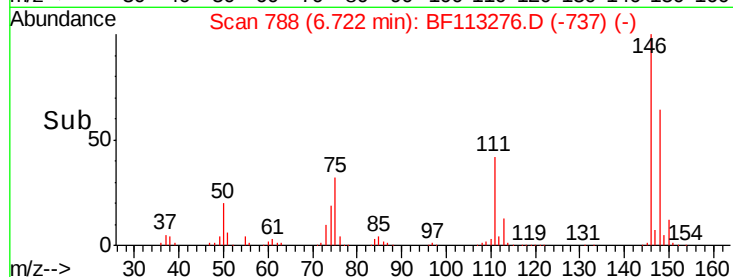
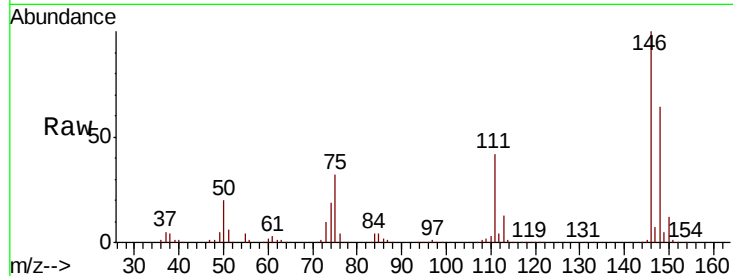




#13
 1,4-Dichlorobenzene
 Concen: 49.496 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

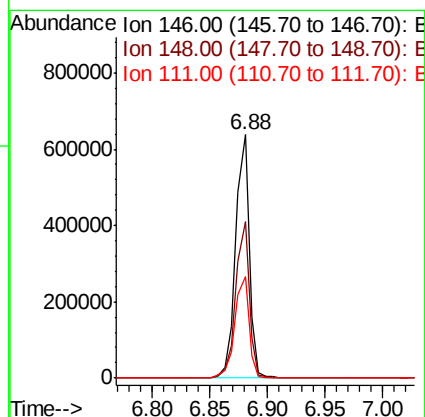
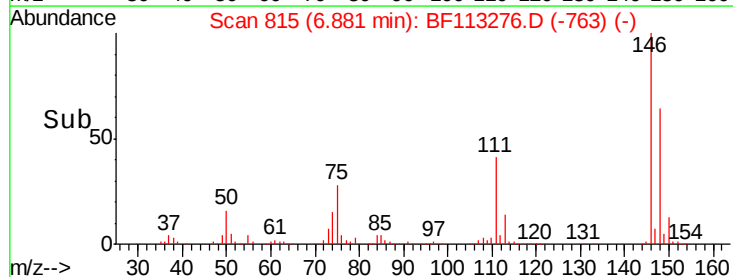
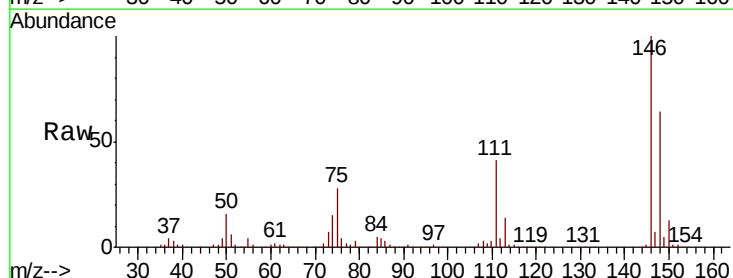
Instrument :
 BNA_F
 ClientSampleId :

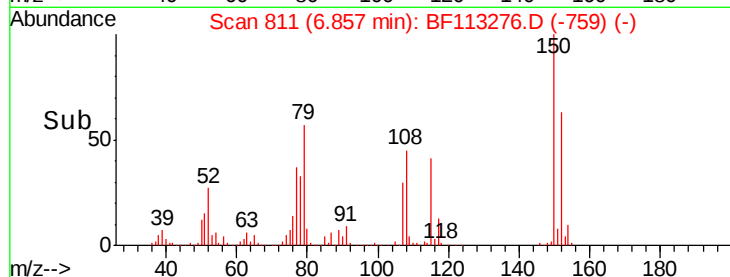
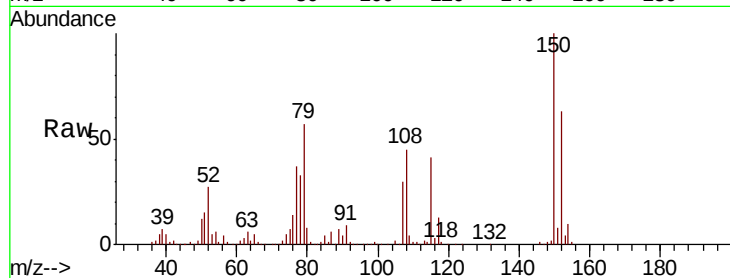
Tot Ion:146 Resp: 550063
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 41.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 51.219 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion:146 Resp: 521807
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.2 75.4
 111 41.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 43.148 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

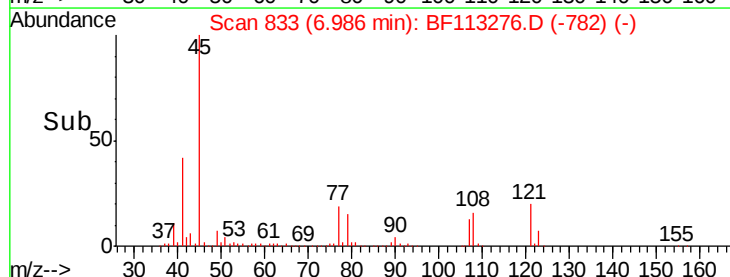
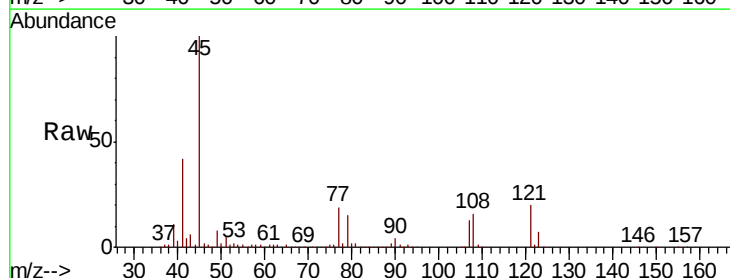
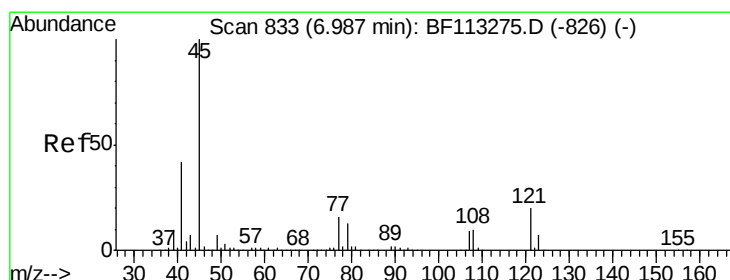
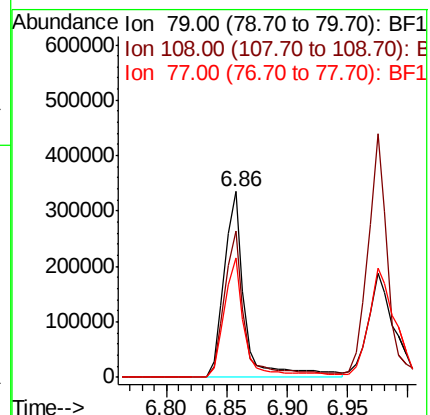
Tot Ion: 79 Resp: 398292

Ion Ratio Lower Upper

79 100

108 79.2 62.0 93.0

77 64.5 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.329 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

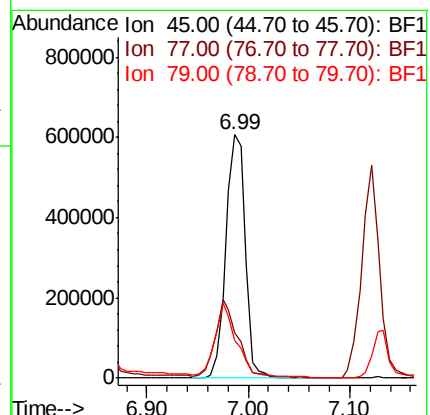
Tgt Ion: 45 Resp: 802111

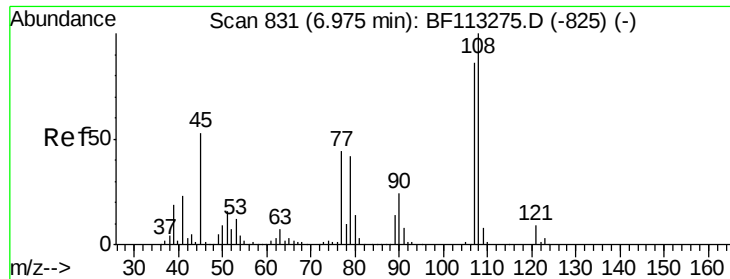
Ion Ratio Lower Upper

45 100

77 18.5 0.0 36.6

79 15.2 0.0 34.0

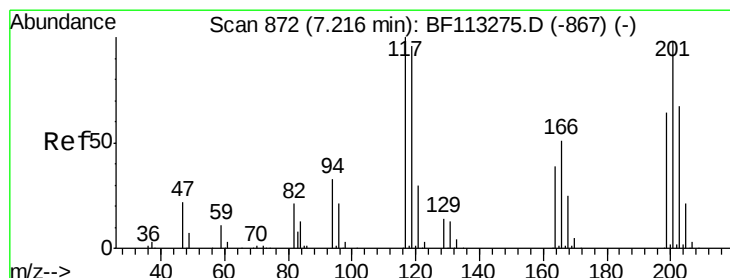
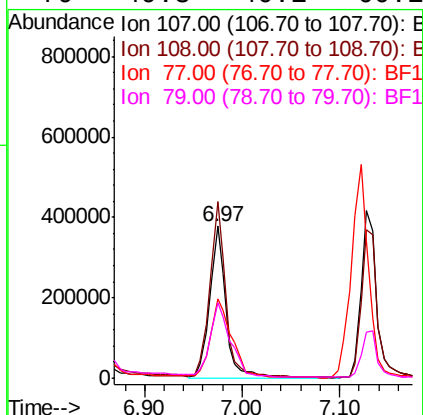
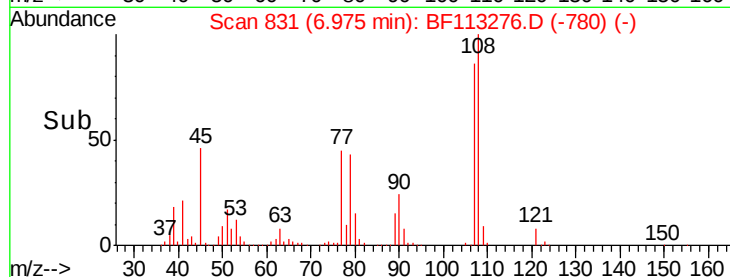
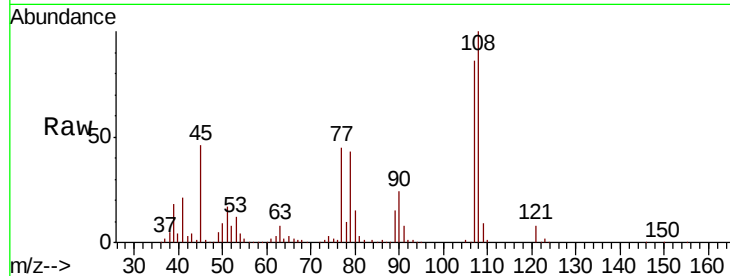




#17
2-Methylphenol
Concen: 50.754 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

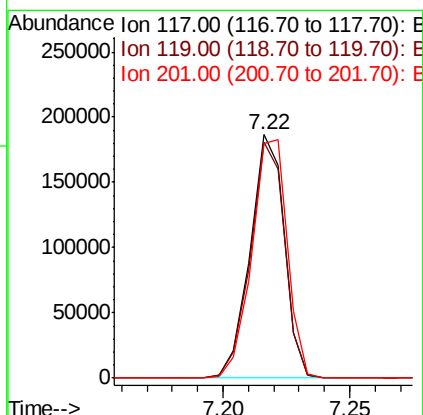
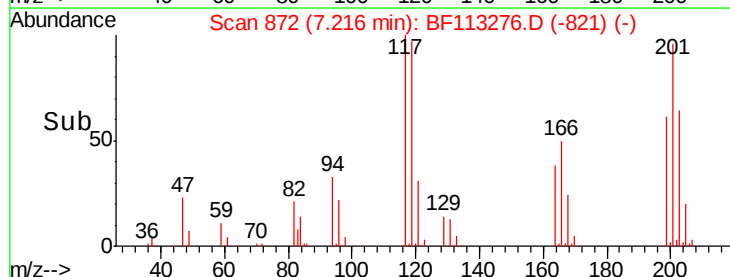
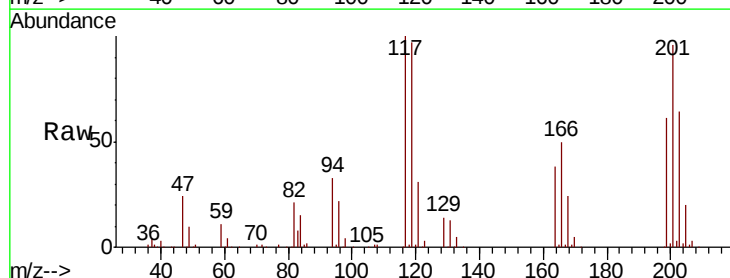
Instrument :
BNA_F
ClientSampleId :

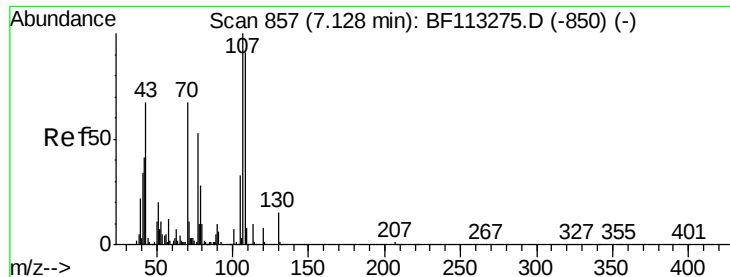
Tot Ion	Ratio	Lower	Upper
107	100		
108	116.0	93.4	140.0
77	51.9	41.2	61.8
79	49.3	40.1	60.1



#18
Hexachloroethane
Concen: 41.263 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	96.3	78.7	118.1

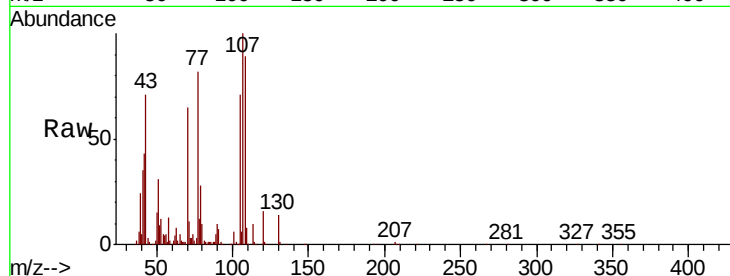




#19
n-Nitroso-di-n-propylamine
Concen: 43.108 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	48.4	72.6
101	9.3	7.8	11.8
130	20.9	18.2	27.4



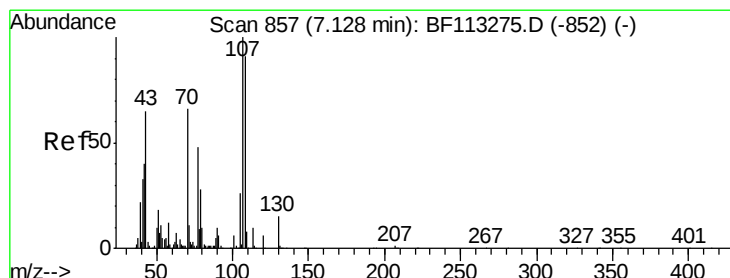
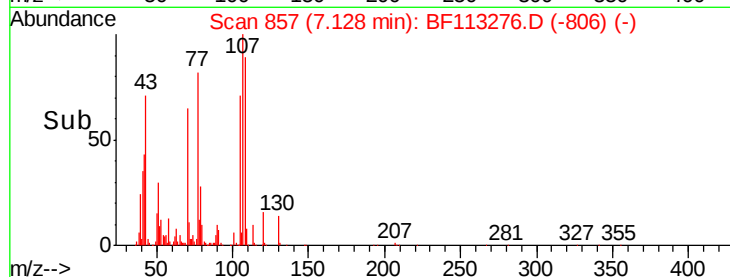
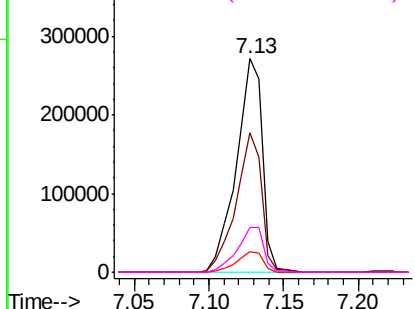
Abundance

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): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 47.436 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.4	111.4
77	82.0	33.5	73.5#
79	27.6	8.3	48.3

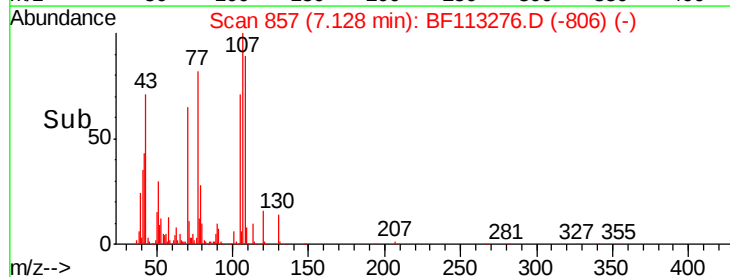
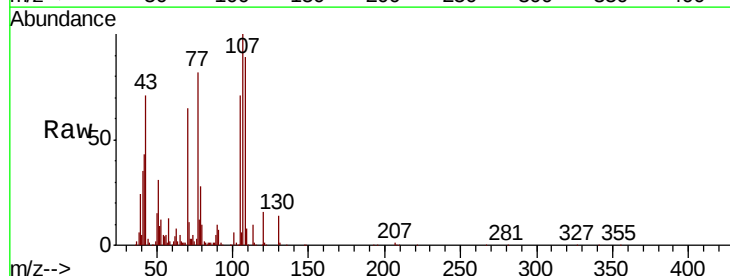
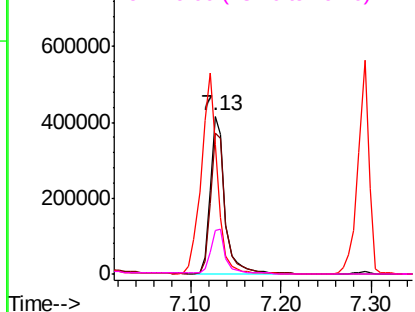
Abundance

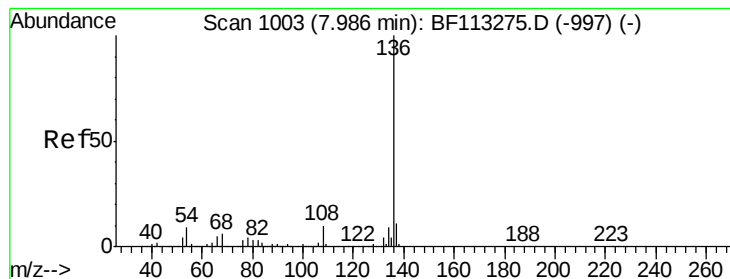
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 513264

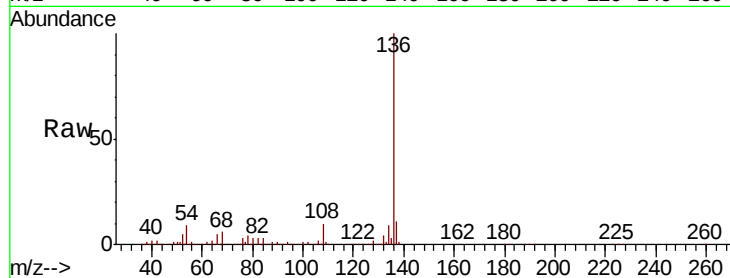
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.6 7.0 10.6

68 6.0 4.8 7.2

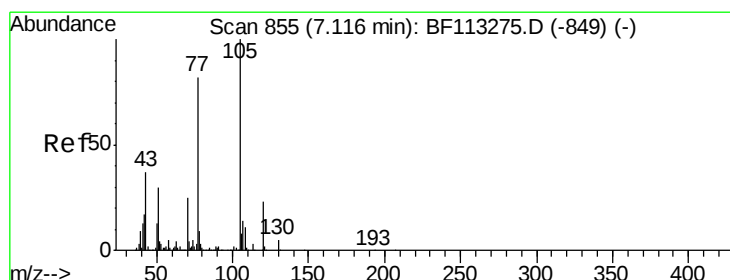
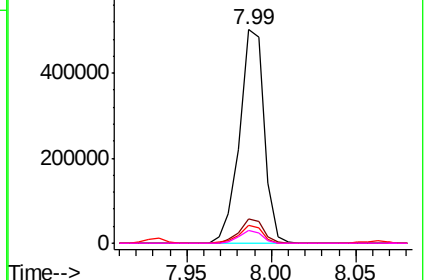
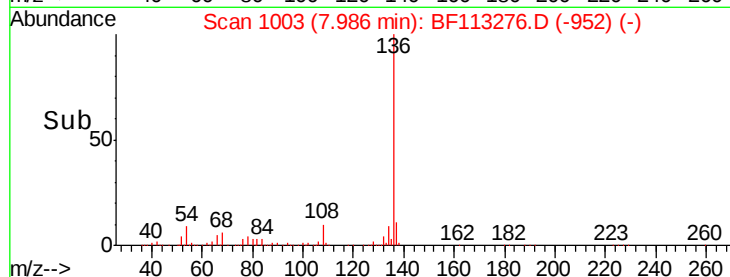


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.914 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Tgt Ion:105 Resp: 671050

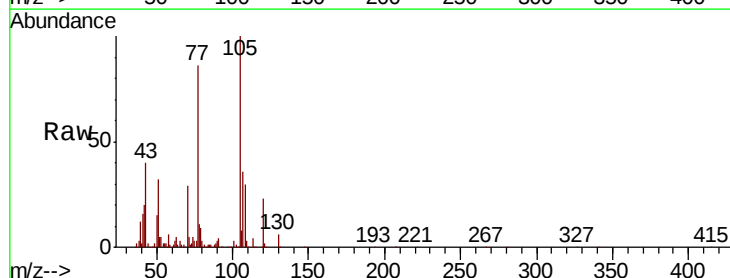
Ion Ratio Lower Upper

105 100

71 5.0 3.3 4.9#

51 32.0 24.2 36.2

120 22.6 18.1 27.1

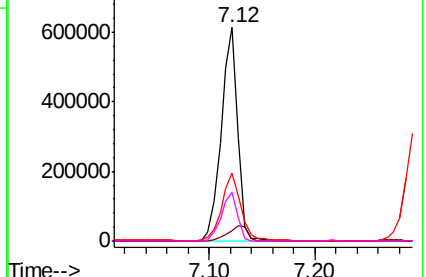
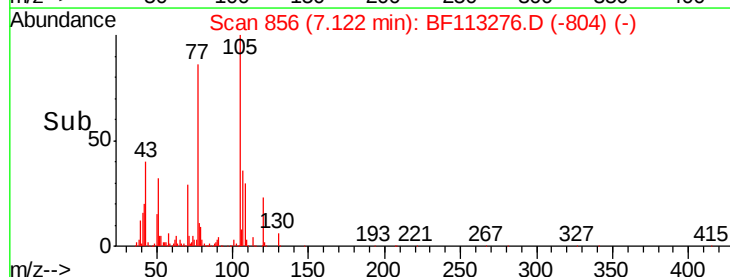


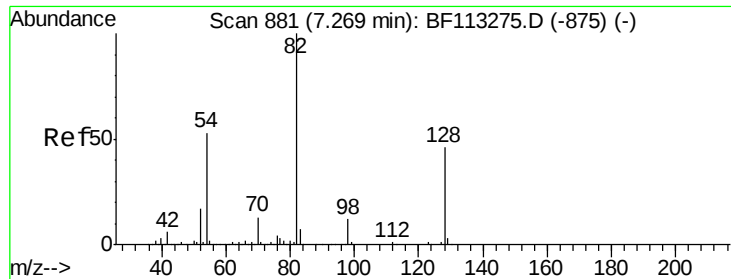
Abundance Ion 105.00 (104.70 to 105.70): E

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

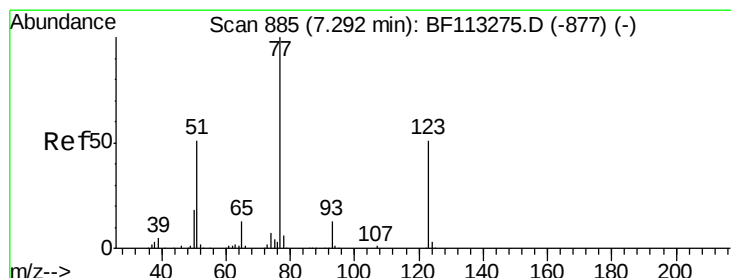
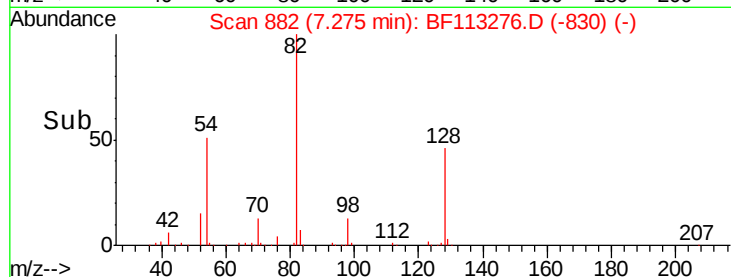
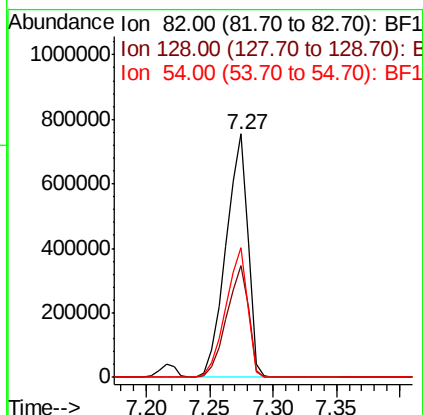
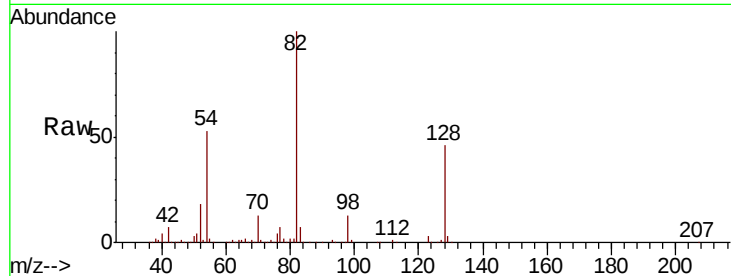




#23
Nitrobenzene-d5
Concen: 105.105 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

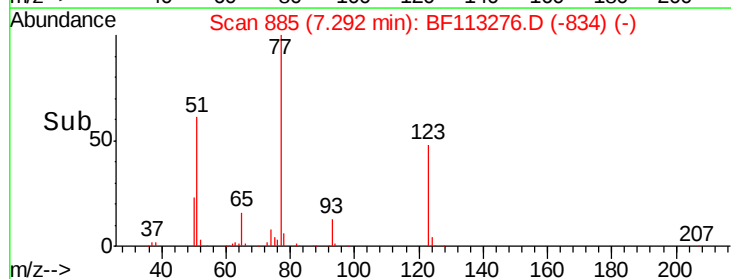
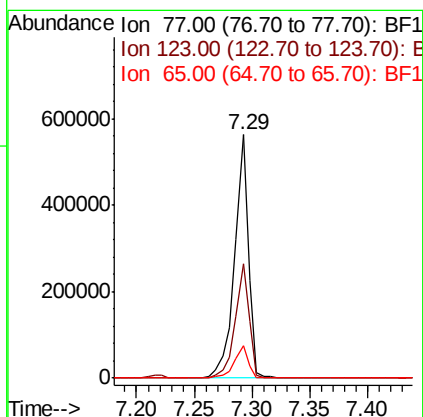
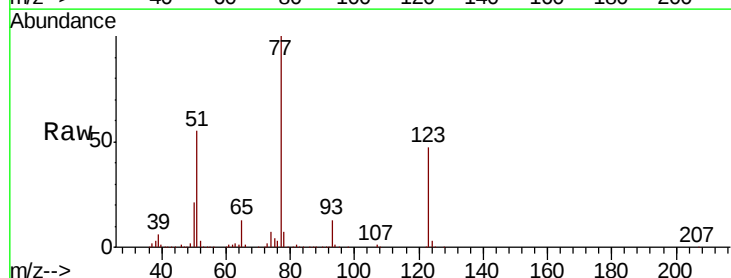
Instrument :
BNA_F
ClientSampleId :

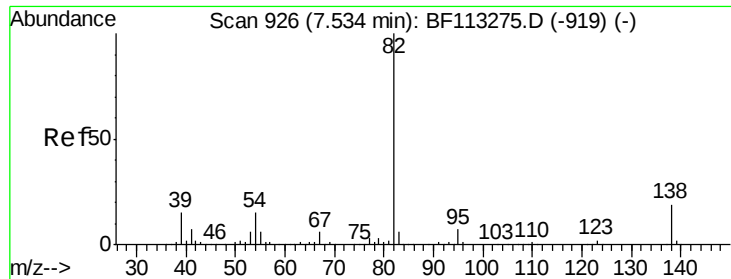
Tot Ion	82	Resp	901548
Ion Ratio	Lower	Upper	
82	100		
128	45.8	36.5	54.7
54	53.2	42.2	63.2



#24
Nitrobenzene
Concen: 48.713 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	77	Resp	465055
Ion Ratio	Lower	Upper	
77	100		
123	46.7	40.8	61.2
65	13.4	10.6	16.0





#25

Isophorone

Concen: 45.886 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

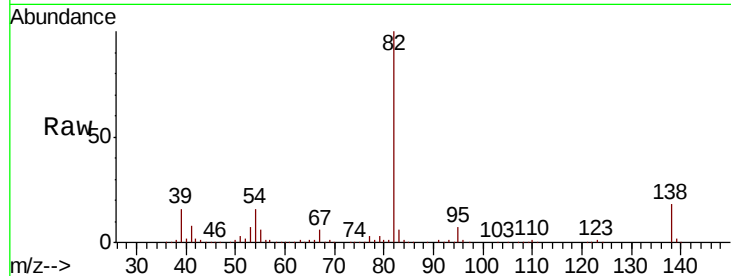
Tot Ion: 82 Resp: 847923

Ion Ratio Lower Upper

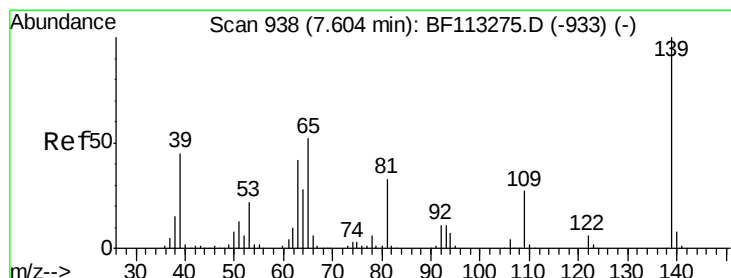
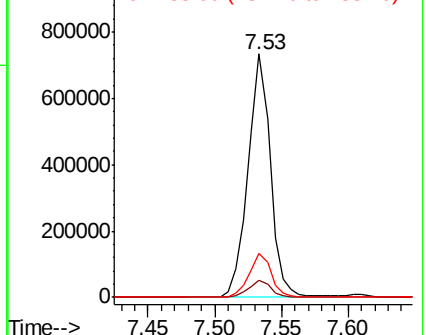
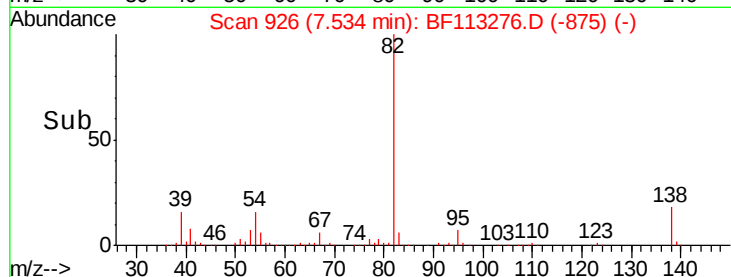
82 100

95 6.9 5.5 8.3

138 18.1 15.2 22.8



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



#26

2-Nitrophenol

Concen: 62.592 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

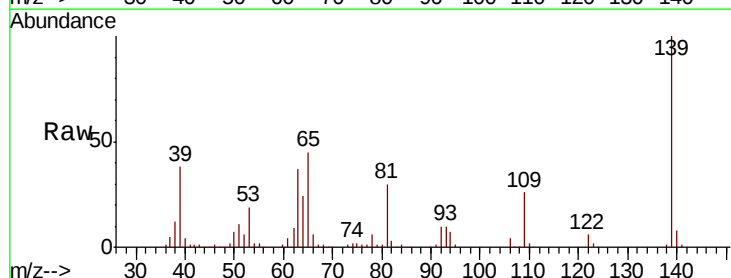
Tgt Ion: 139 Resp: 248750

Ion Ratio Lower Upper

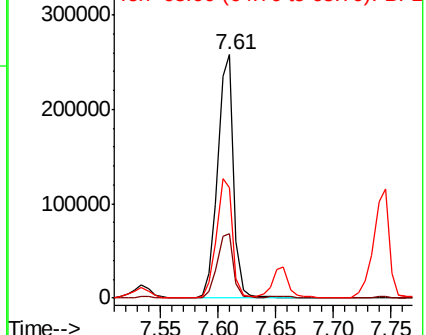
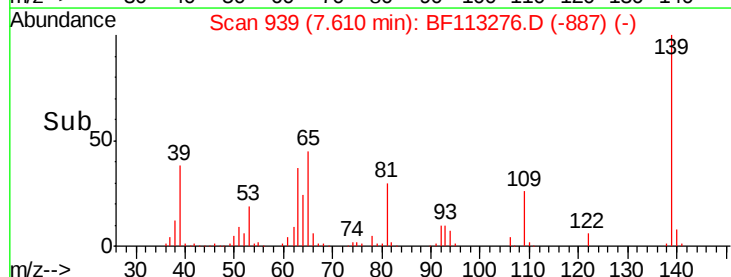
139 100

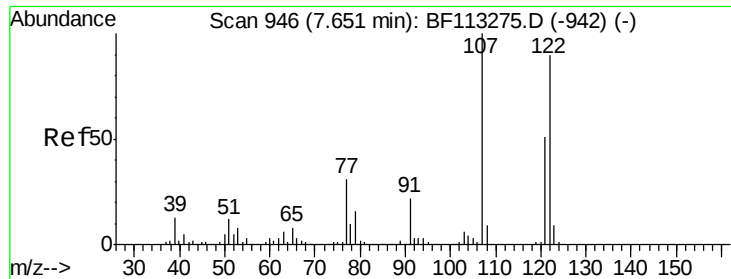
109 26.4 21.7 32.5

65 45.2 41.6 62.4



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

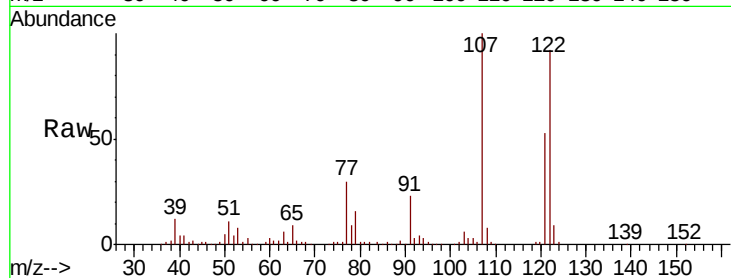




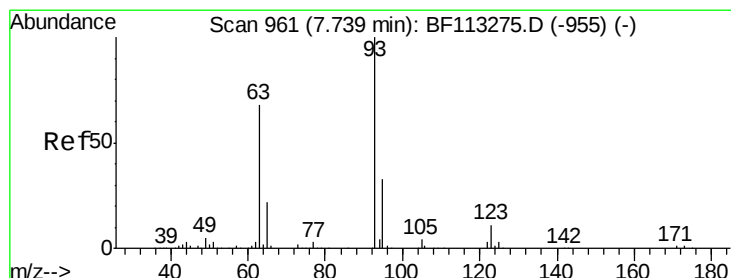
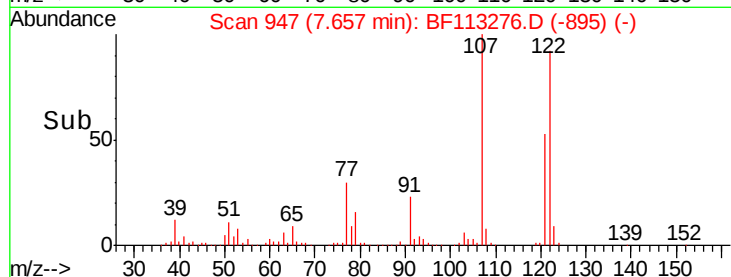
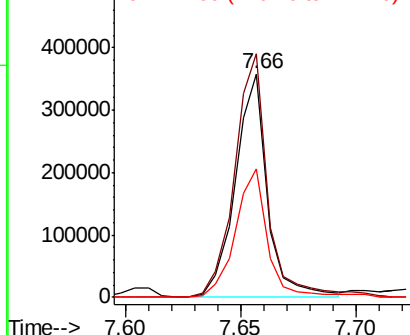
#27
 2,4-Dimethylphenol
 Concen: 46.837 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.1	88.8	133.2
121	57.7	45.5	68.3

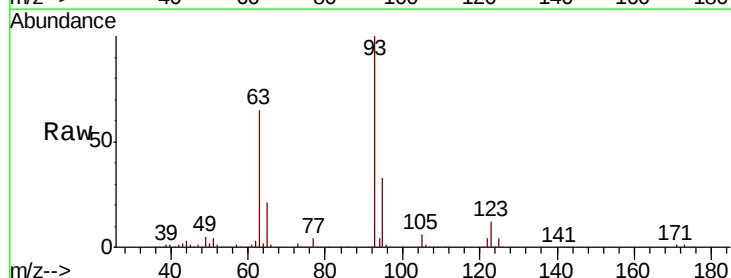


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

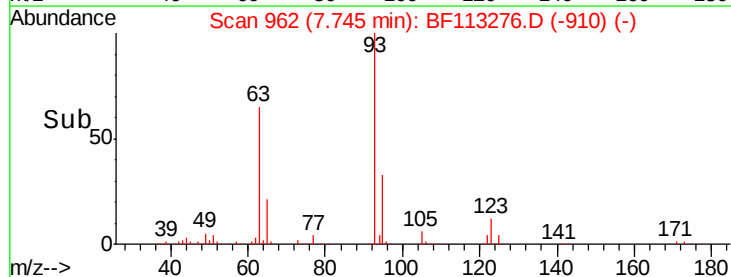
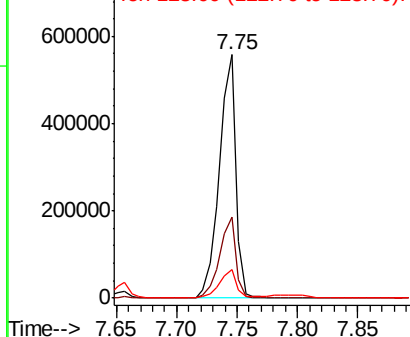


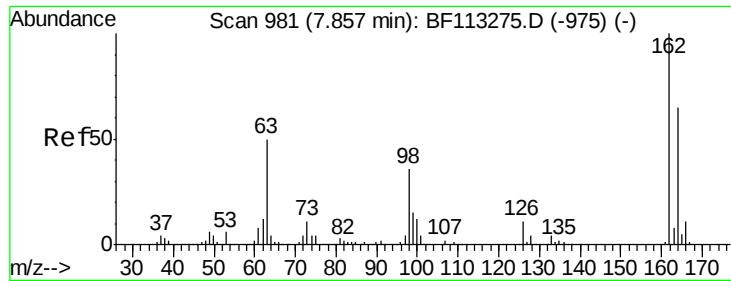
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.387 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.01 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	11.9	9.1	13.7



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

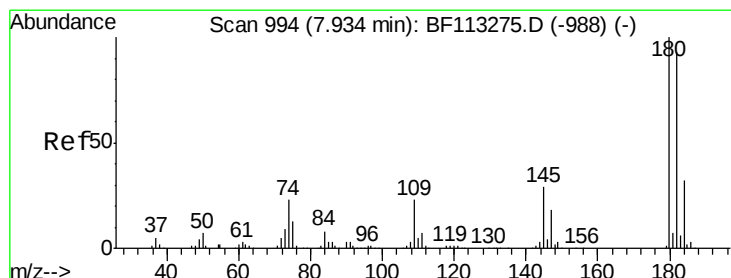
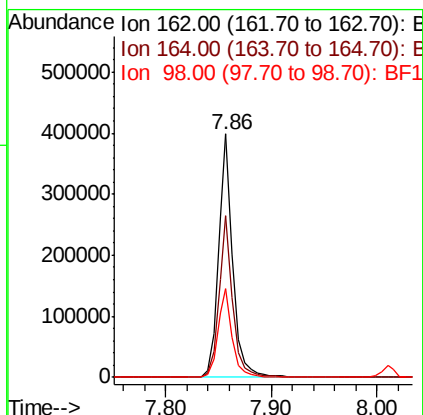
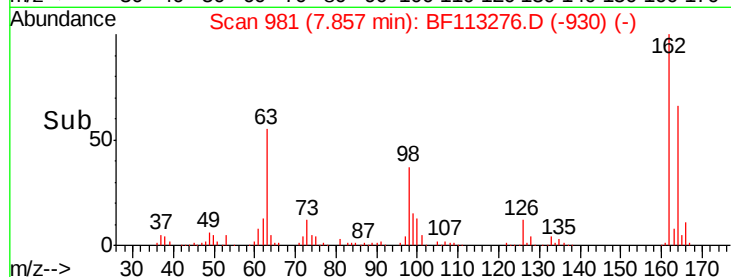
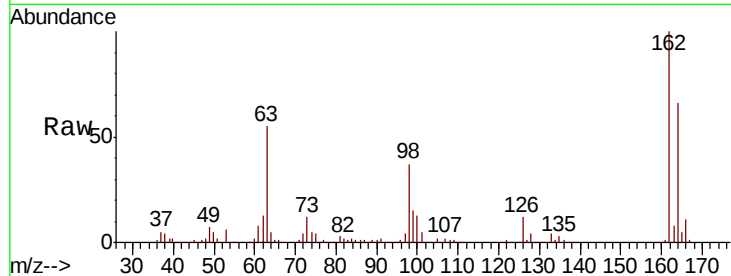




#29
 2,4-Dichlorophenol
 Concen: 52.786 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

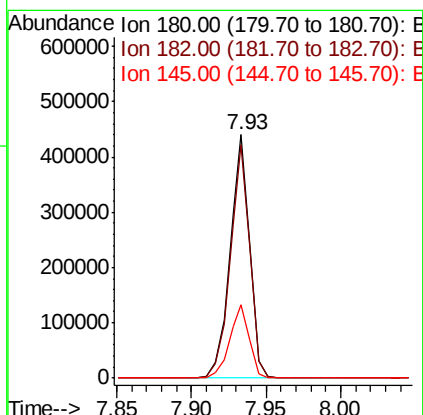
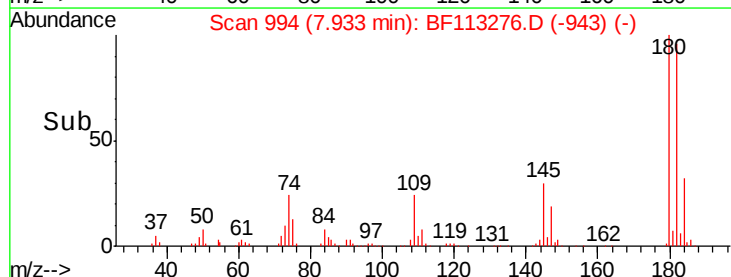
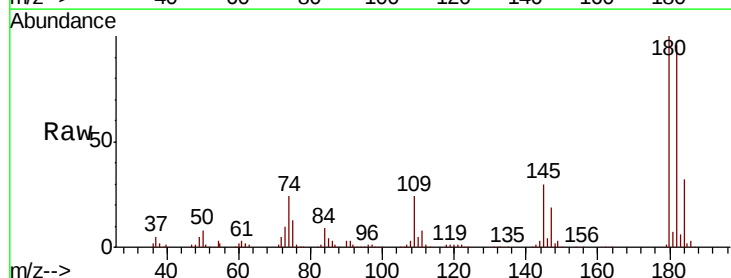
Instrument :
 BNA_F
 ClientSampled :

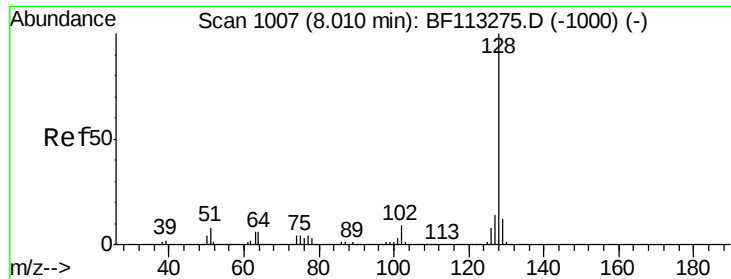
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.6	84.6
98	36.6	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 52.888 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	111.8
145	30.0	23.4	35.0

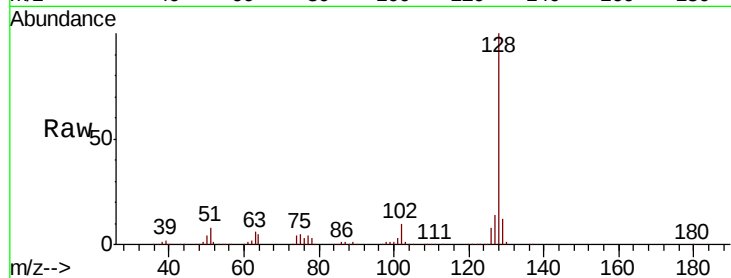




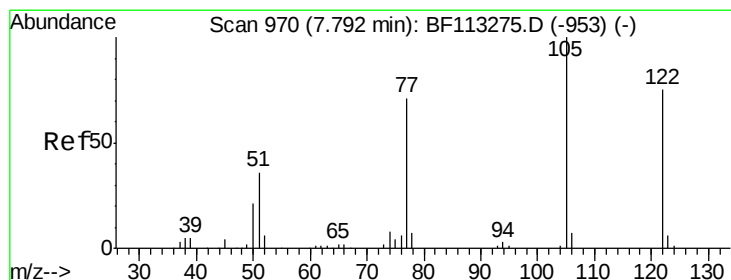
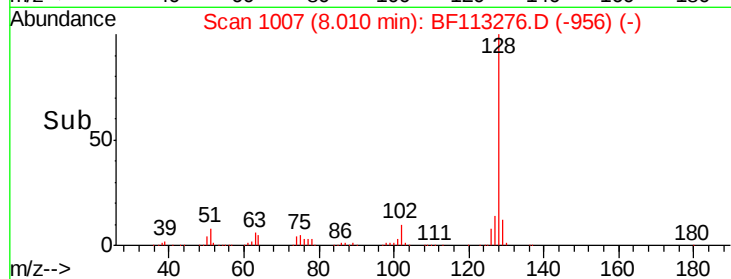
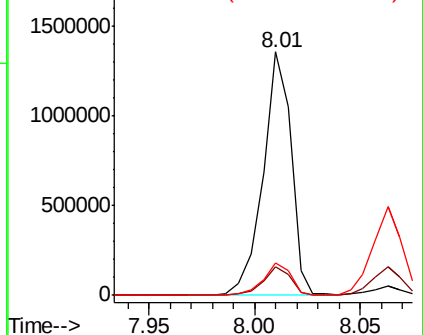
#31
Naphthalene
Concen: 49.224 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1254346
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.5 10.9 16.3

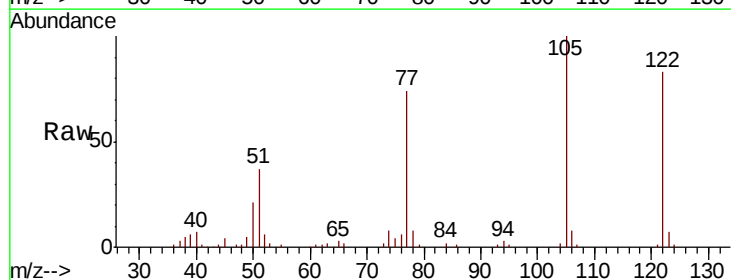


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

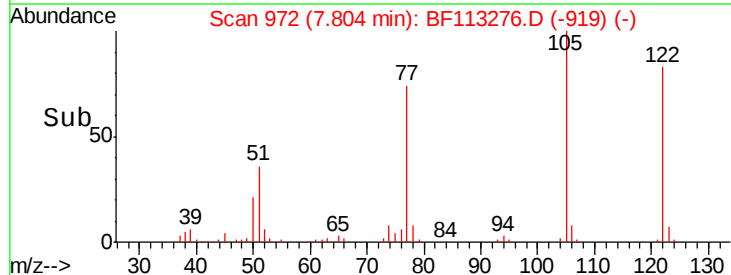
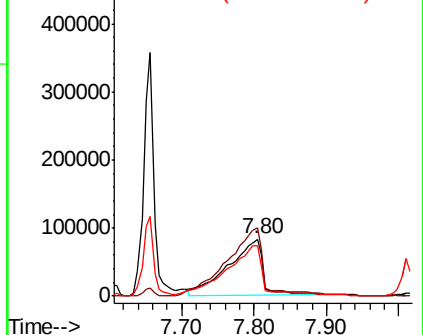


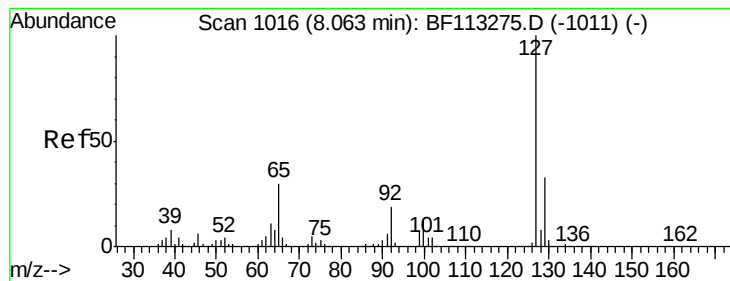
#32
Benzoic acid
Concen: 53.603 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:122 Resp: 277771
Ion Ratio Lower Upper
122 100
105 120.0 100.4 140.4
77 89.1 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: 47.287 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 510368

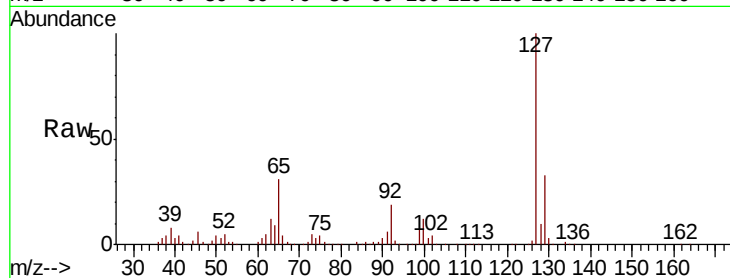
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 30.9 24.2 36.4

92 19.2 15.0 22.6

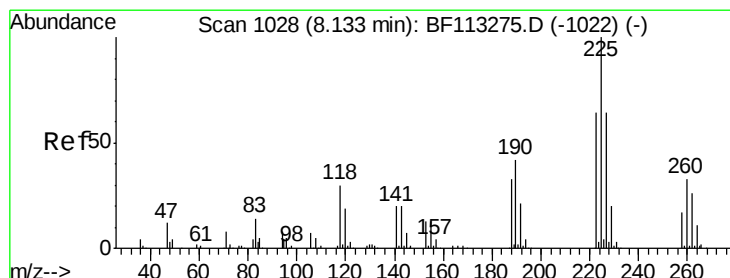
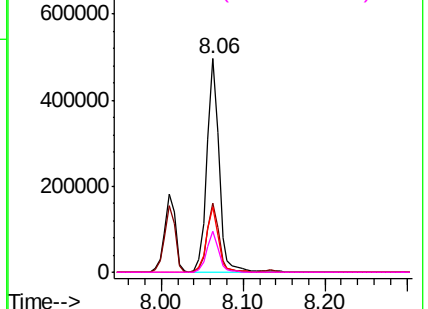
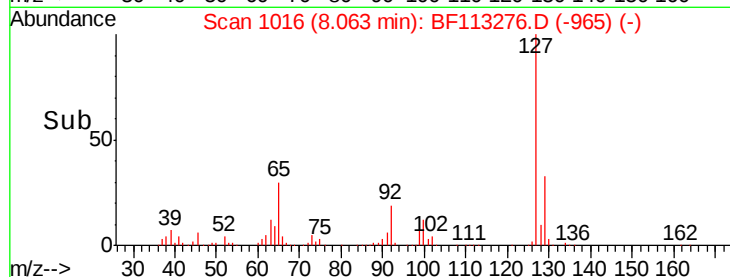


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 57.556 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

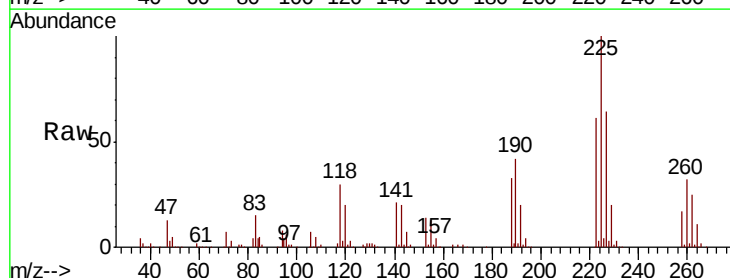
Tgt Ion:225 Resp: 250068

Ion Ratio Lower Upper

225 100

223 61.4 51.4 77.2

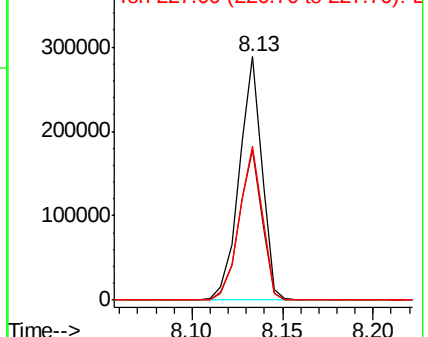
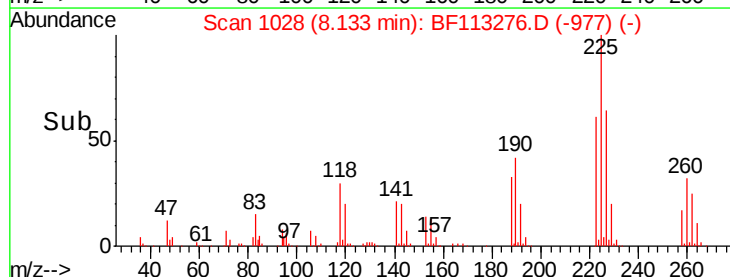
227 63.5 51.1 76.7

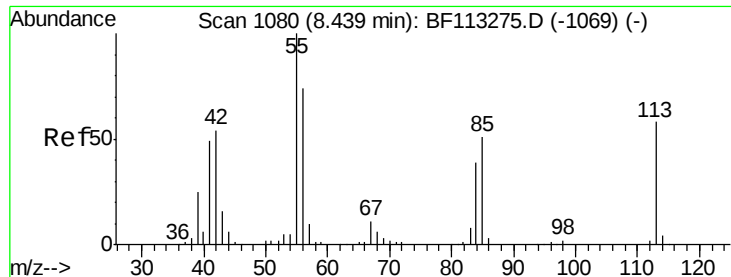


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

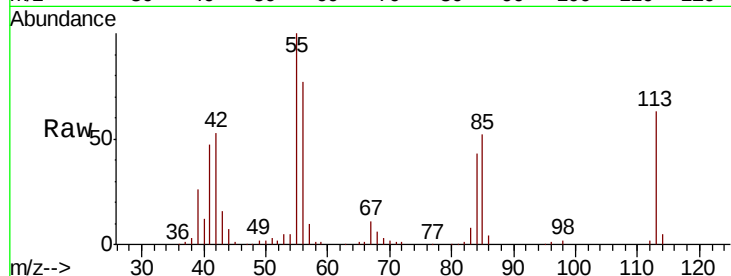




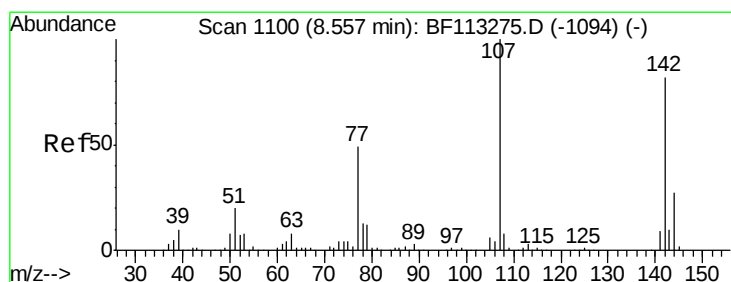
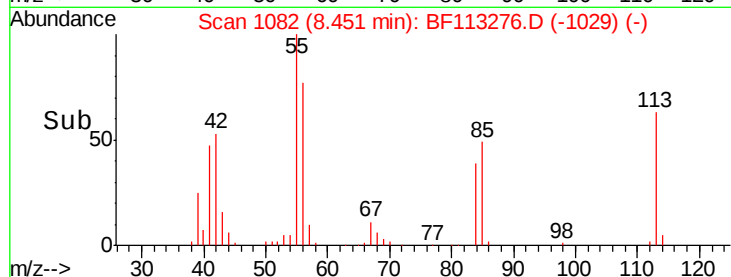
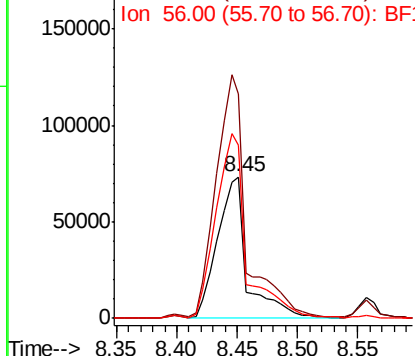
#35
Caprolactam
Concen: 48.935 ng
RT: 8.45 min Scan# 1082
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 123573
Ion Ratio Lower Upper
113 100
55 157.9 152.7 192.7
56 122.1 108.3 148.3

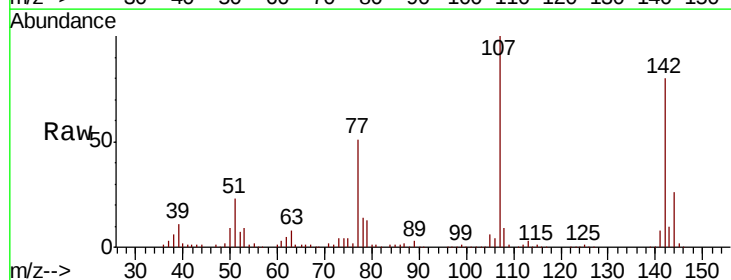


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

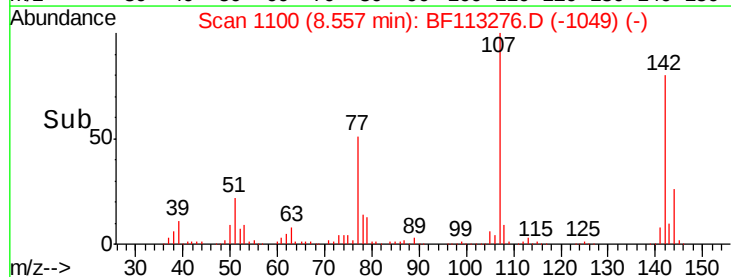
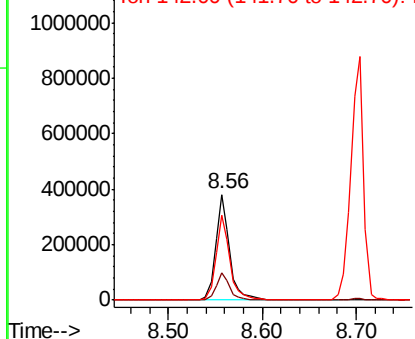


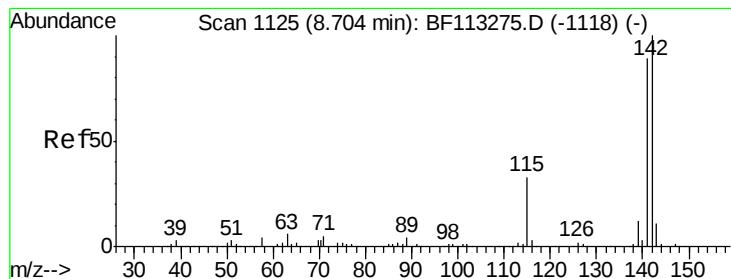
#36
4-Chloro-3-methylphenol
Concen: 49.556 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:107 Resp: 393220
Ion Ratio Lower Upper
107 100
144 25.8 21.4 32.0
142 79.8 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

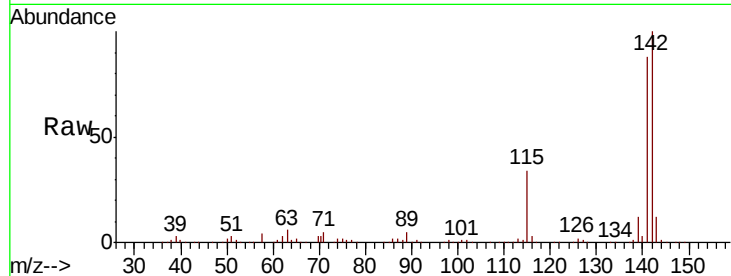




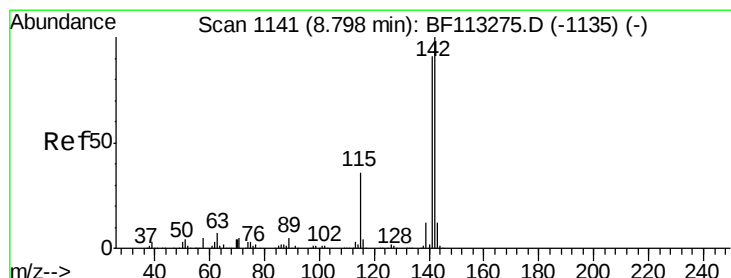
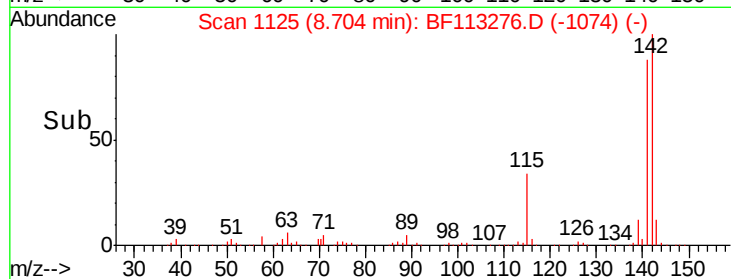
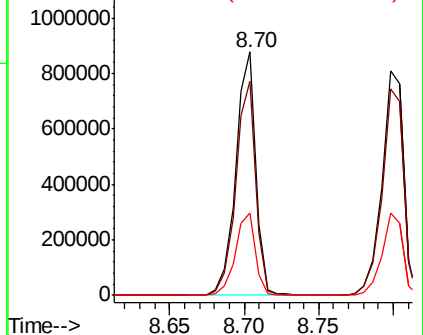
#37
2-Methylnaphthalene
Concen: 49.971 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	33.6	26.6	39.8

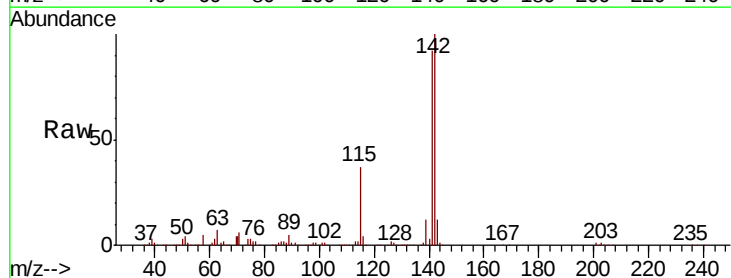


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

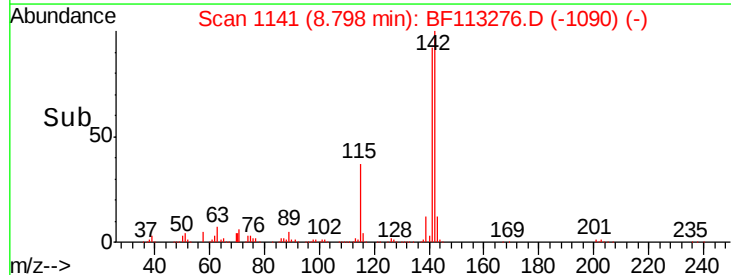
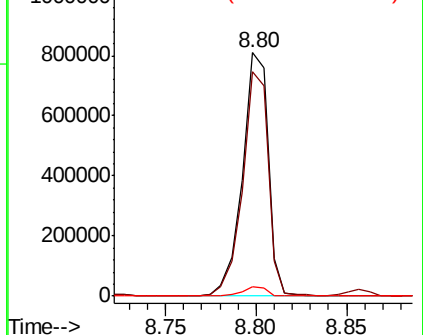


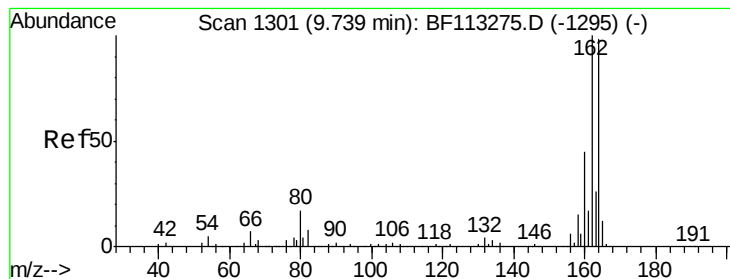
#38
1-Methylnaphthalene
Concen: 49.992 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.2	109.8
116	4.0	3.0	4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

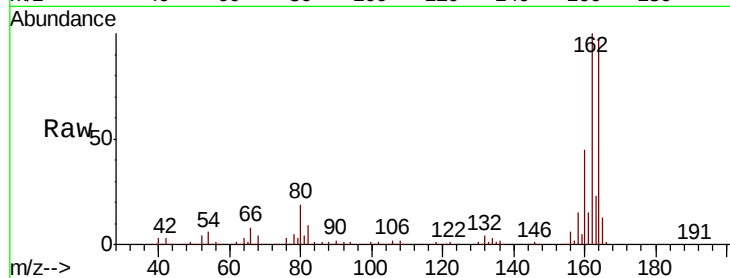
Tot Ion:164 Resp: 251399

Ion Ratio Lower Upper

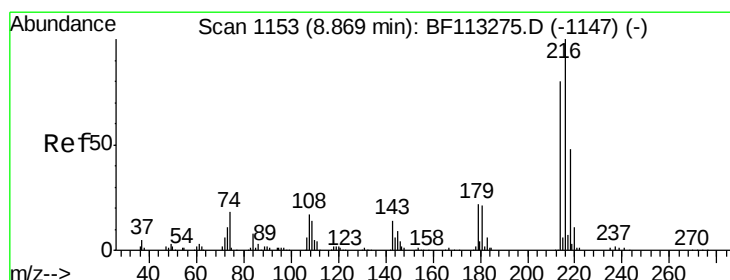
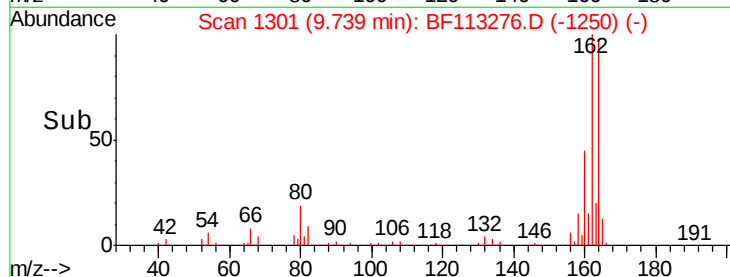
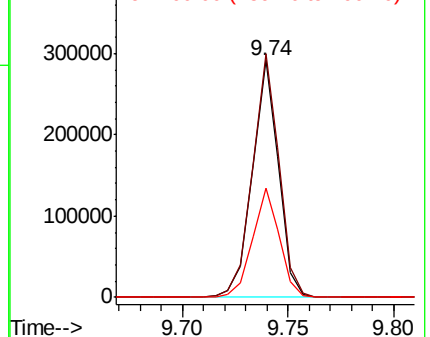
164 100

162 102.7 81.8 122.6

160 46.0 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: 54.666 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Tgt Ion:216 Resp: 400763

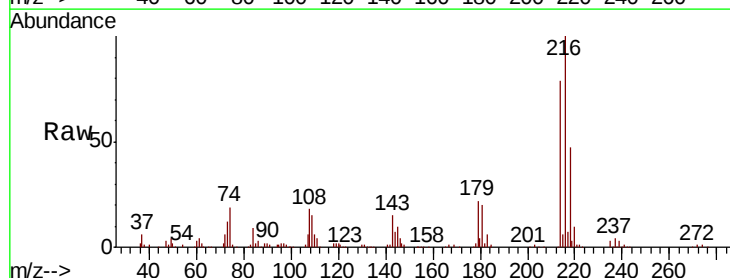
Ion Ratio Lower Upper

216 100

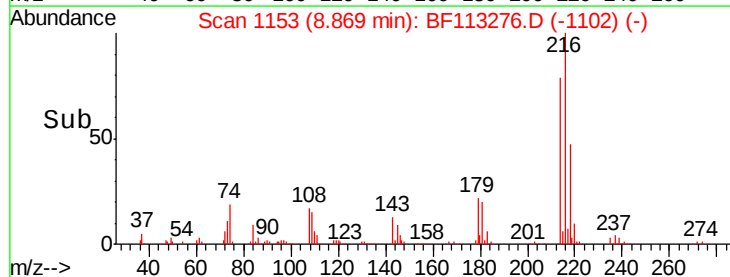
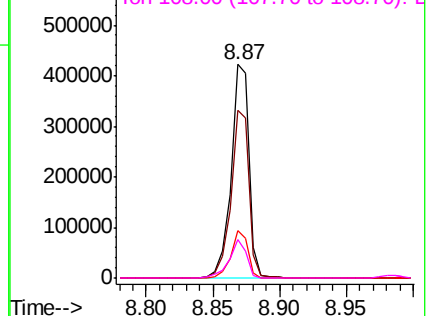
214 78.8 63.0 94.6

179 20.7 16.8 25.2

108 17.6 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: 43.895 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampled :

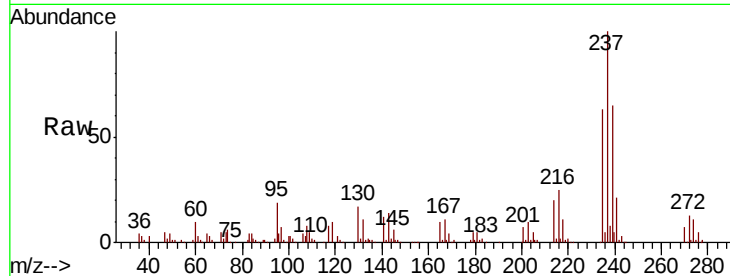
Tot Ion:237 Resp: 176217

Ion Ratio Lower Upper

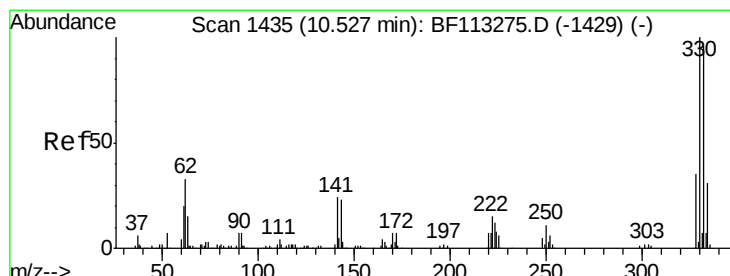
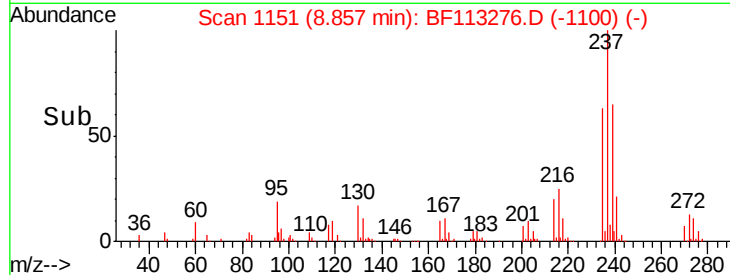
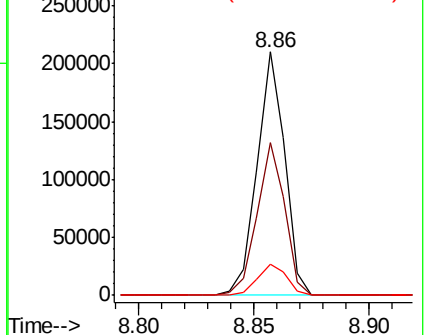
237 100

235 62.8 43.4 83.4

272 12.9 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: 117.765 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

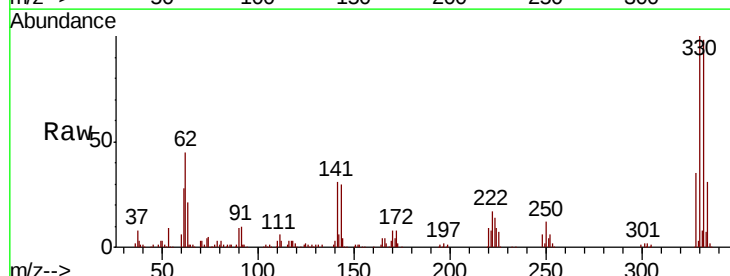
Tgt Ion:330 Resp: 314306

Ion Ratio Lower Upper

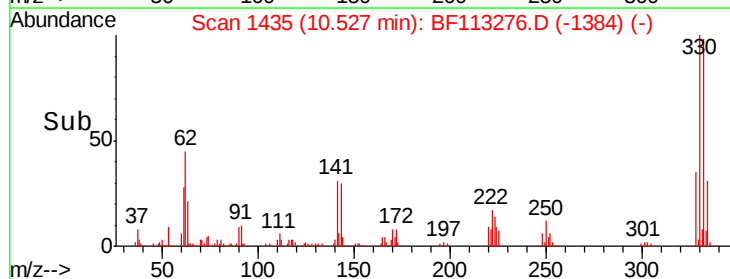
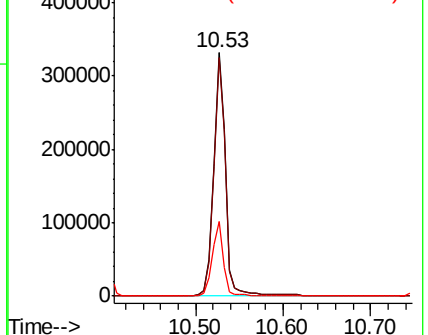
330 100

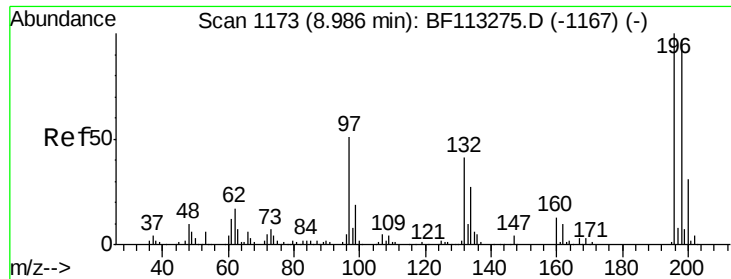
332 97.4 77.8 116.6

141 28.6 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

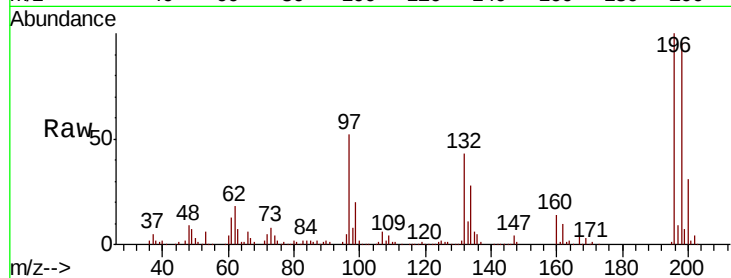




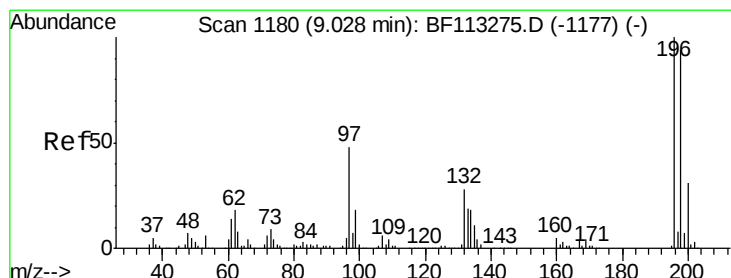
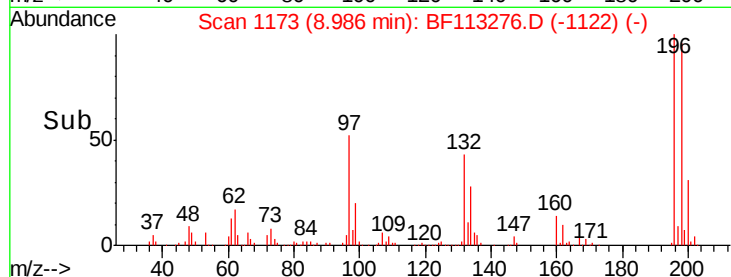
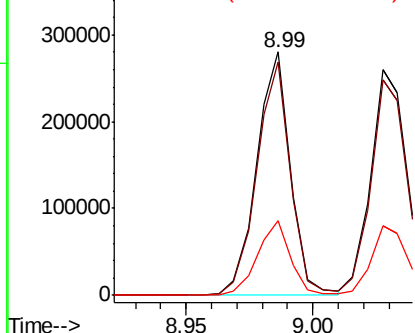
#43
 2,4,6-Trichlorophenol
 Concen: 51.781 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	261259
Ion	Ratio	Lower Upper
196	100	
198	95.9	77.7 116.5
200	30.6	24.9 37.3

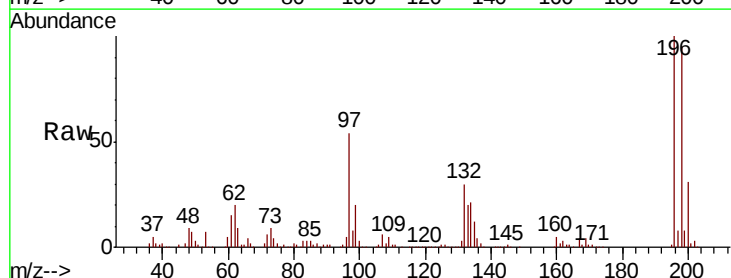


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

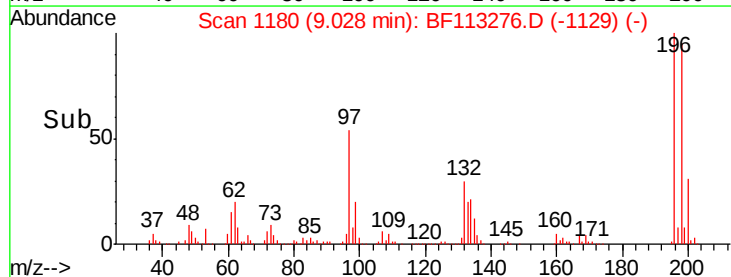
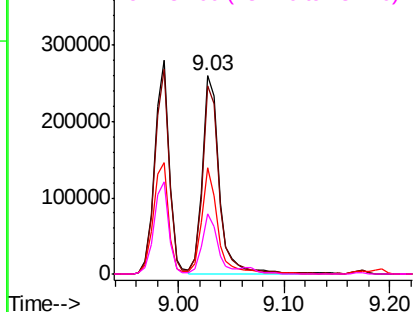


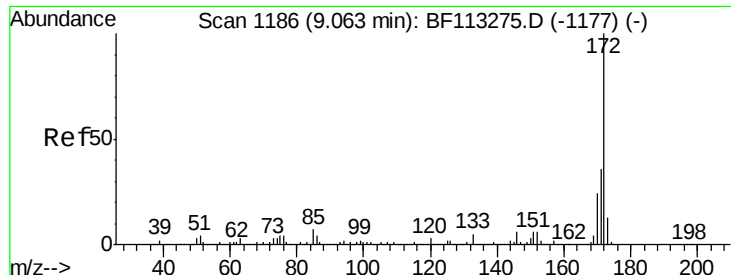
#44
 2,4,5-Trichlorophenol
 Concen: 52.296 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion:196	Resp:	285198
Ion	Ratio	Lower Upper
196	100	
198	95.3	75.4 113.2
97	53.6	38.6 58.0
132	30.3	22.9 34.3



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

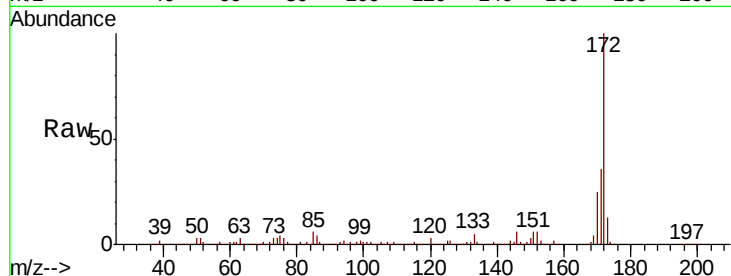




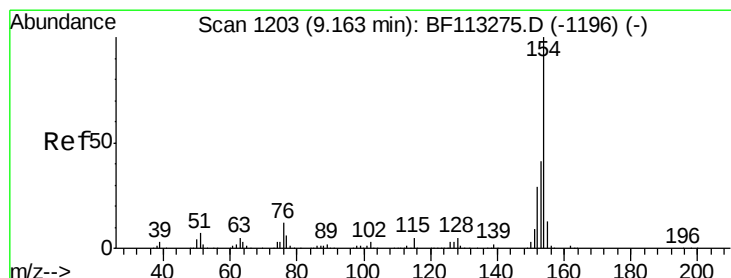
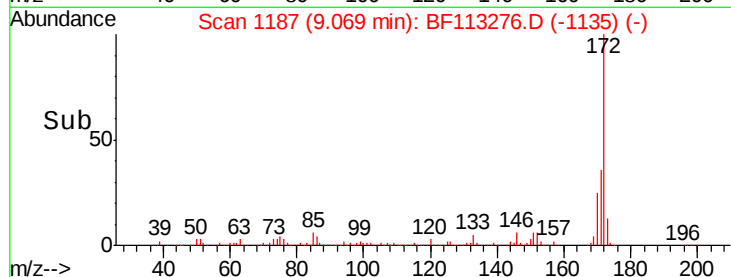
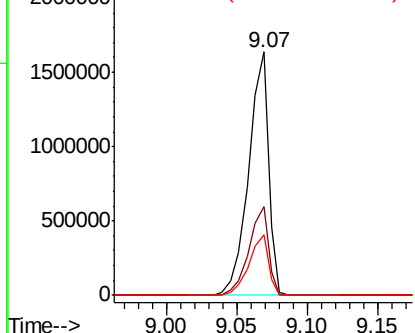
#45
2-Fluorobiphenyl
Concen: 119.683 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1624181
Ion Ratio Lower Upper
172 100
171 36.4 29.0 43.6
170 24.9 19.5 29.3

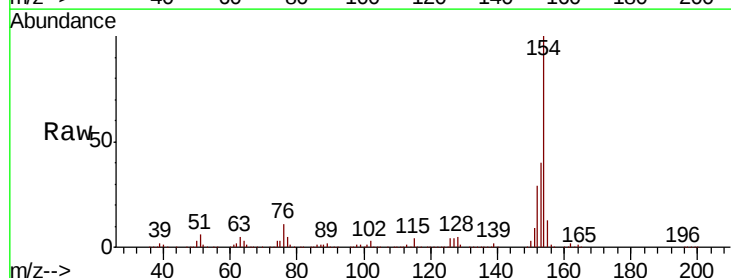


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

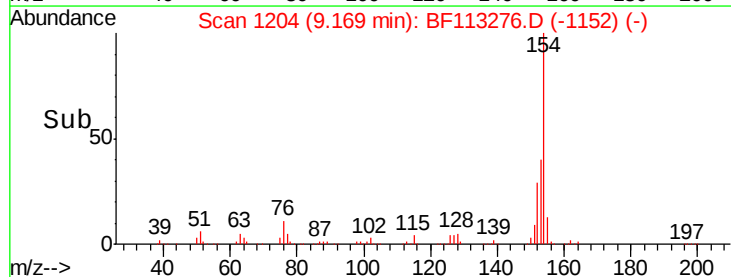
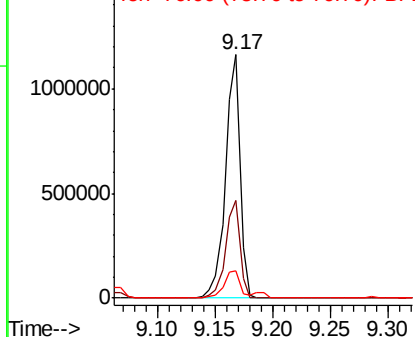


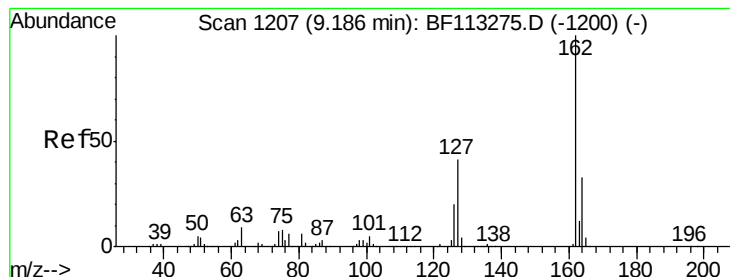
#46
1,1'-Biphenyl
Concen: 49.655 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:154 Resp: 1018204
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.2 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: 48.569 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

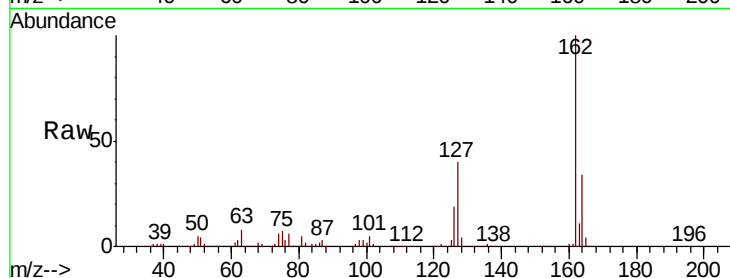
Tot Ion:162 Resp: 777660

Ion Ratio Lower Upper

162 100

127 39.8 32.6 49.0

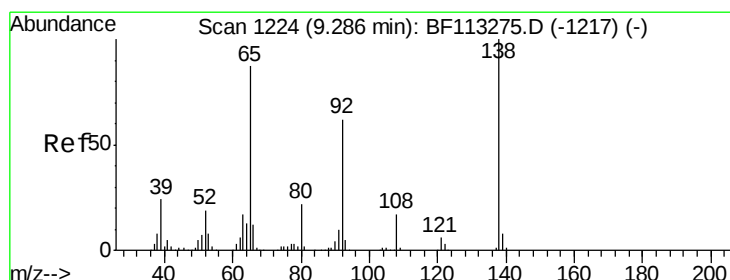
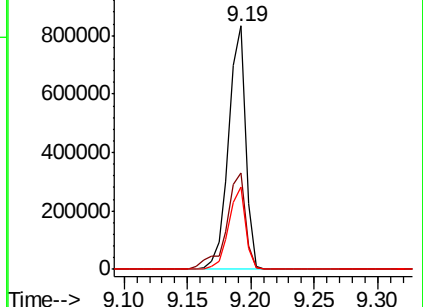
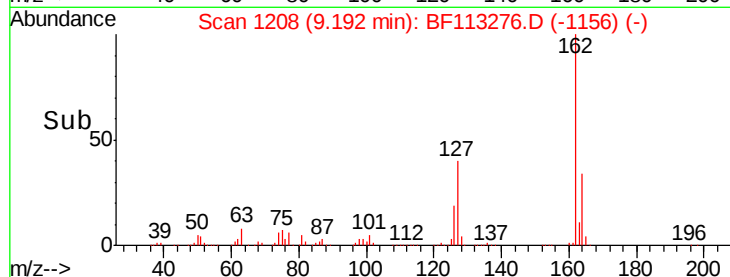
164 33.7 26.6 39.8



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: 51.903 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

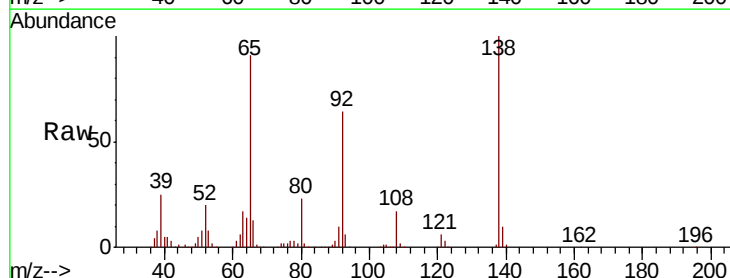
Tgt Ion: 65 Resp: 252598

Ion Ratio Lower Upper

65 100

92 69.9 56.8 85.2

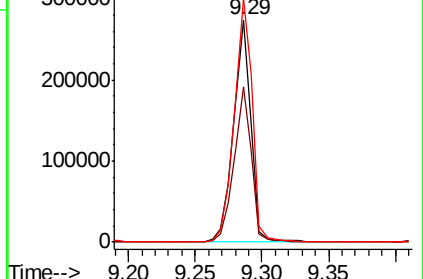
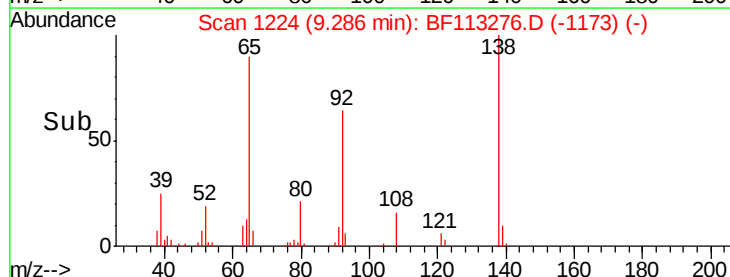
138 109.5 92.3 138.5

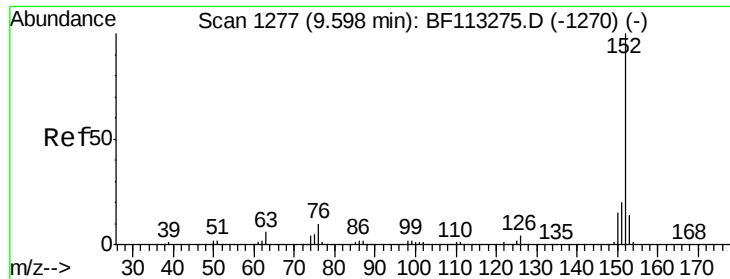


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.935 ng

RT: 9.60 min Scan# 1278

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

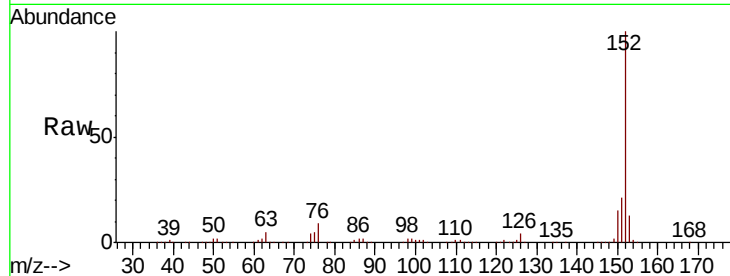
Tot Ion:152 Resp: 1302974

Ion Ratio Lower Upper

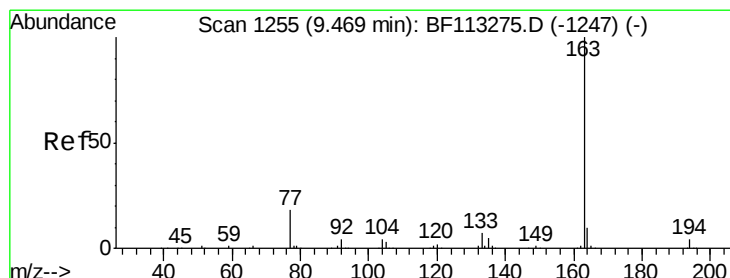
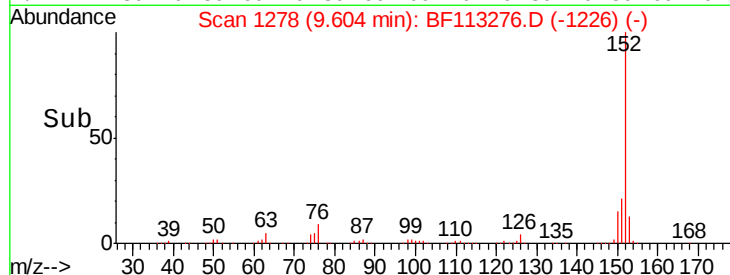
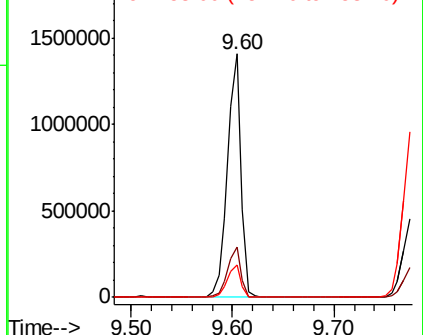
152 100

151 20.7 16.2 24.4

153 13.2 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: 50.236 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

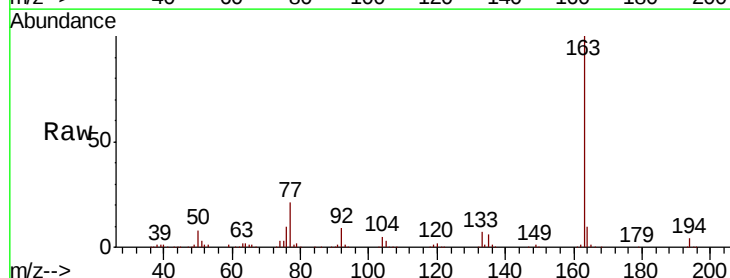
Tgt Ion:163 Resp: 931213

Ion Ratio Lower Upper

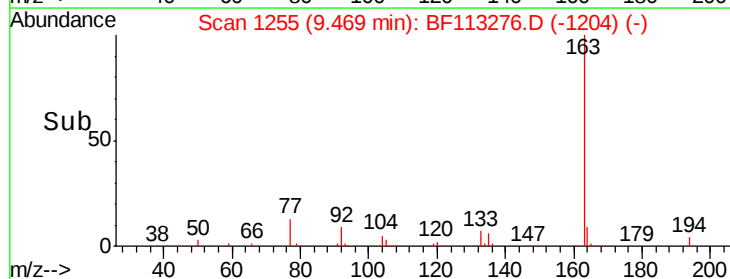
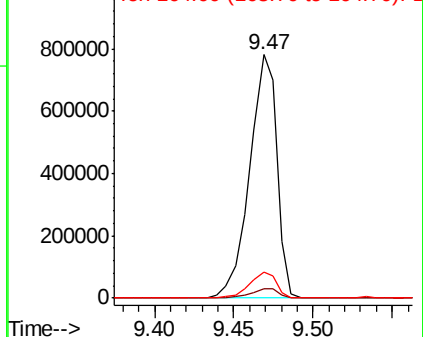
163 100

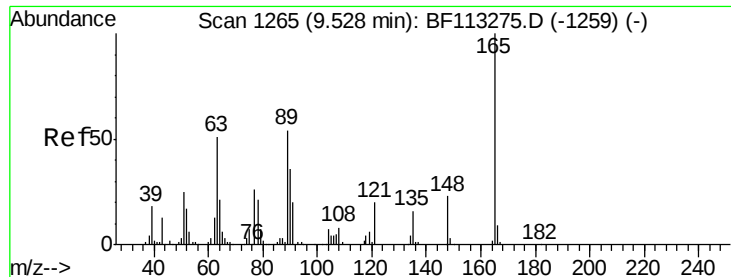
194 3.7 3.0 4.6

164 10.4 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: 54.568 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

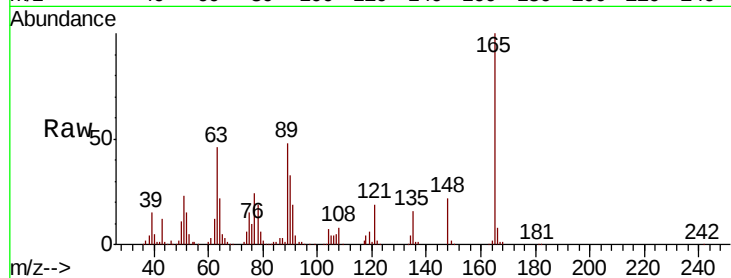
Tot Ion:165 Resp: 210638

Ion Ratio Lower Upper

165 100

63 46.3 43.4 65.0

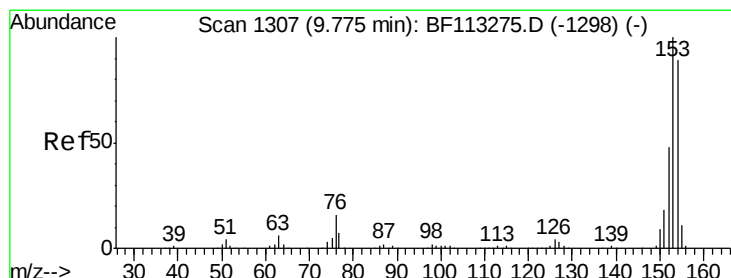
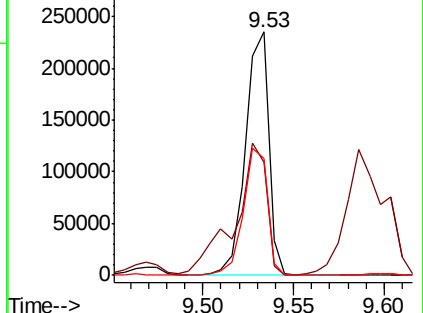
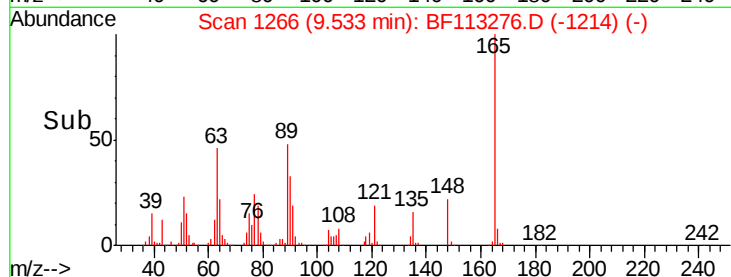
89 48.2 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.933 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

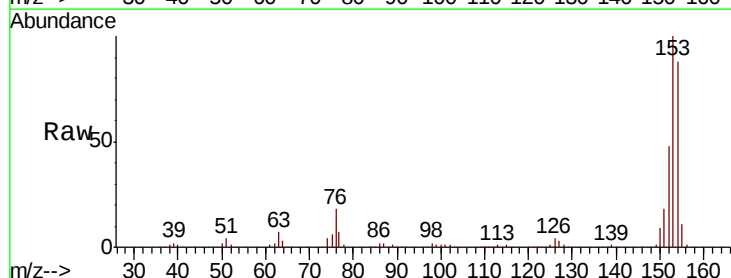
Tgt Ion:154 Resp: 730143

Ion Ratio Lower Upper

154 100

153 113.4 89.5 134.3

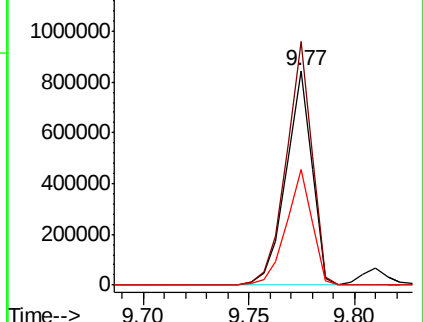
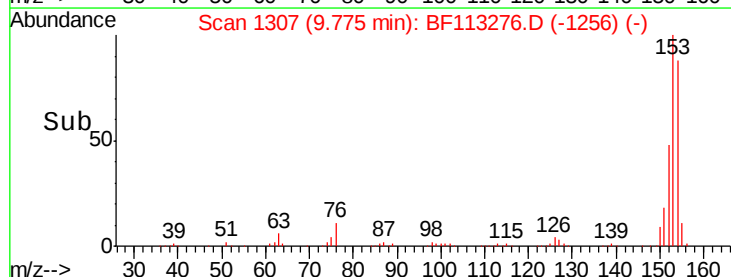
152 54.2 43.3 64.9

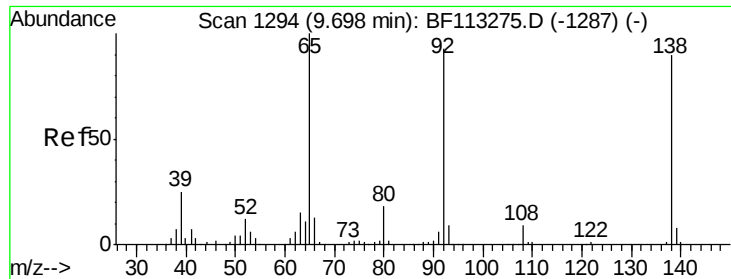


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

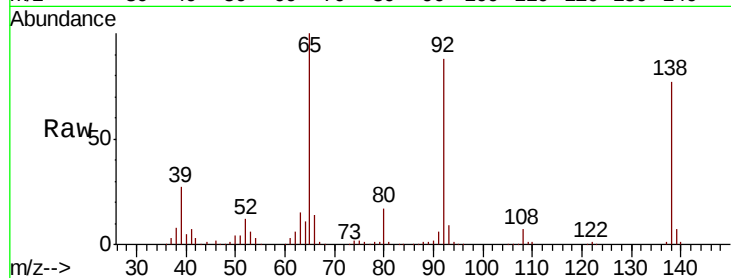




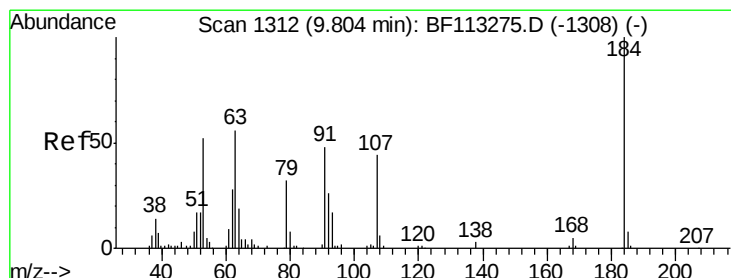
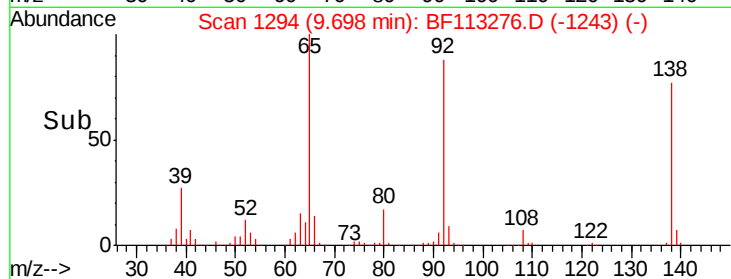
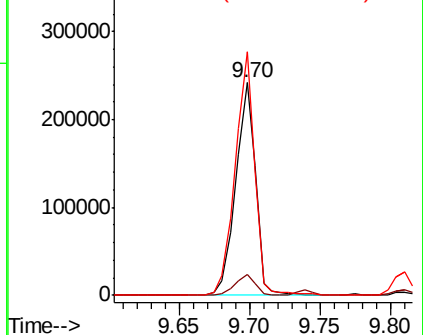
#53
3-Nitroaniline
Concen: 50.359 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 236870
Ion Ratio Lower Upper
138 100
108 9.7 7.8 11.6
92 114.5 82.6 124.0

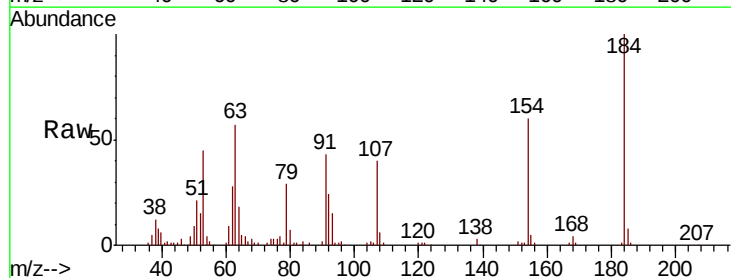


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

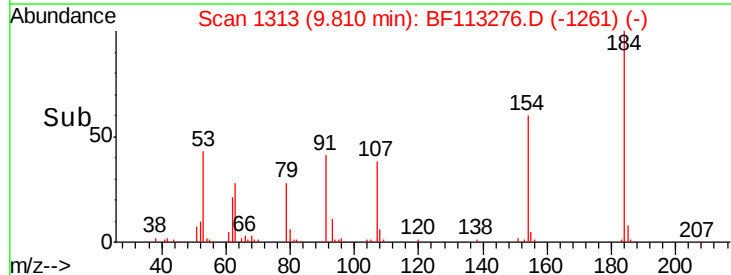
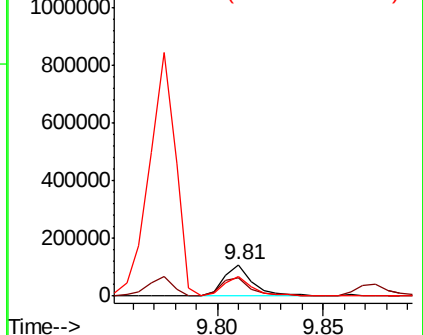


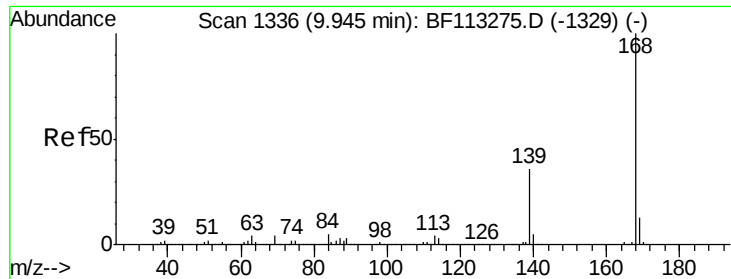
#54
2,4-Dinitrophenol
Concen: 67.479 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:184 Resp: 104813
Ion Ratio Lower Upper
184 100
63 56.5 54.3 81.5
154 60.4 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

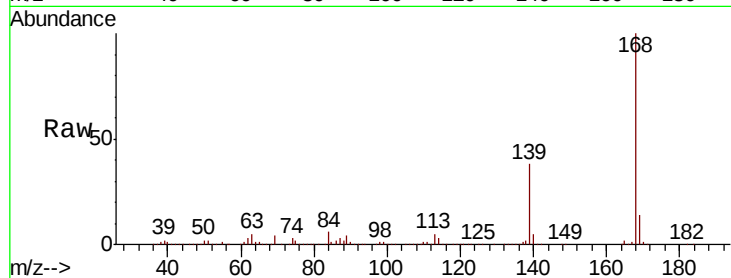




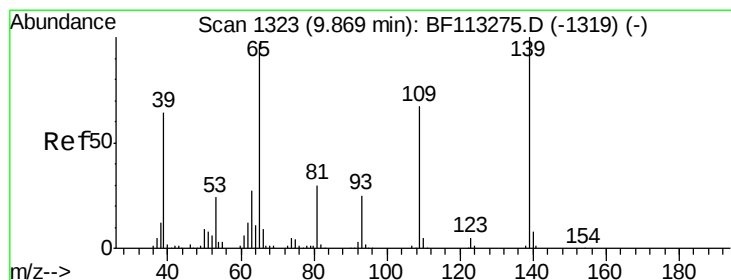
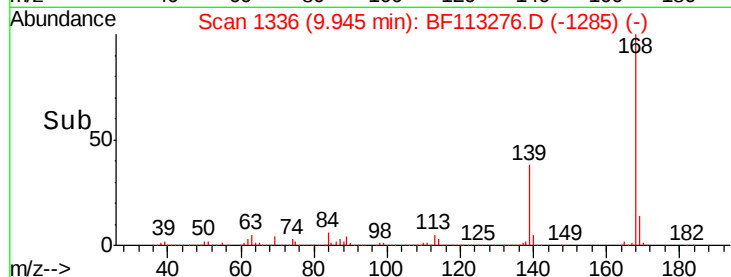
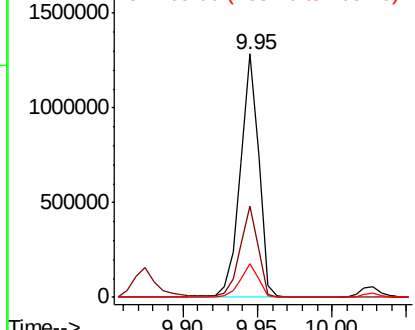
#55
Dibenzenofuran
Concen: 47.952 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1107834
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5
169 13.8 10.7 16.1

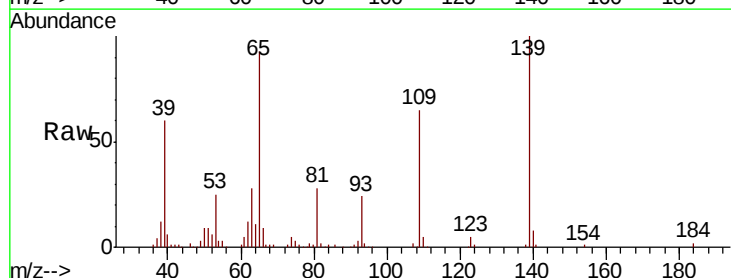


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

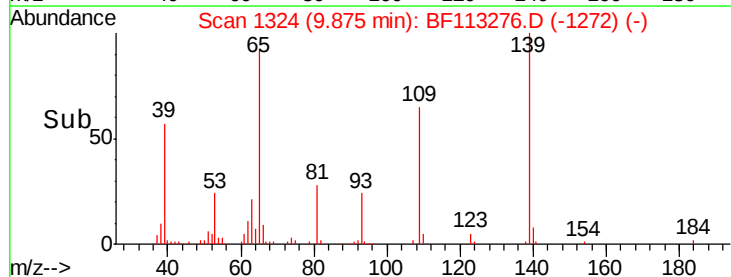
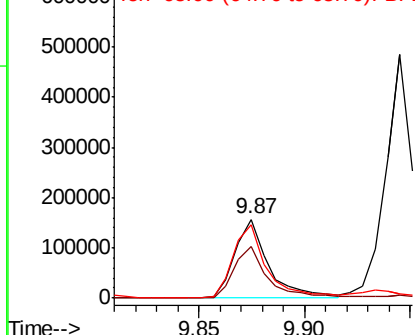


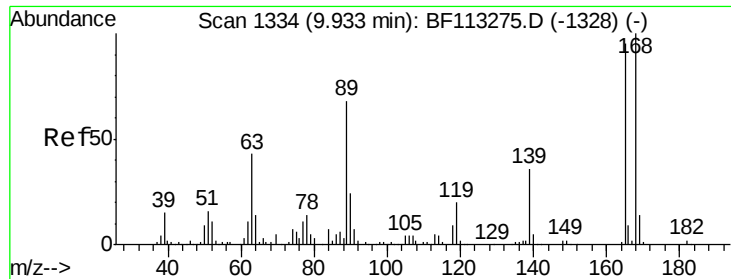
#56
4-Nitrophenol
Concen: 45.197 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:139 Resp: 172775
Ion Ratio Lower Upper
139 100
109 65.2 46.9 86.9
65 92.6 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

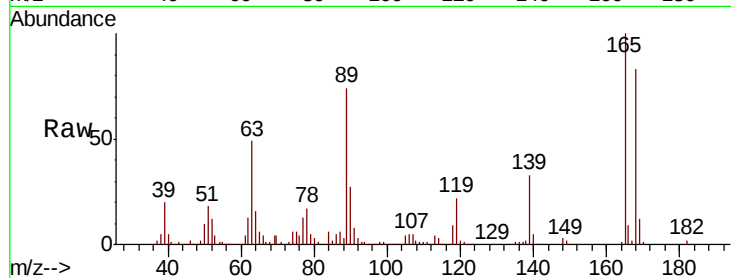




#57
2,4-Dinitrotoluene
Concen: 57.241 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	37.5	56.3
89	73.6	57.4	86.2
182	2.4	2.0	3.0



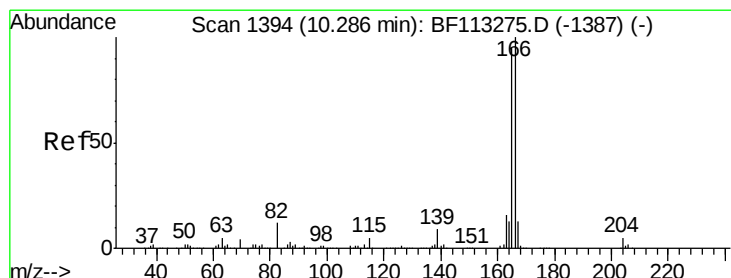
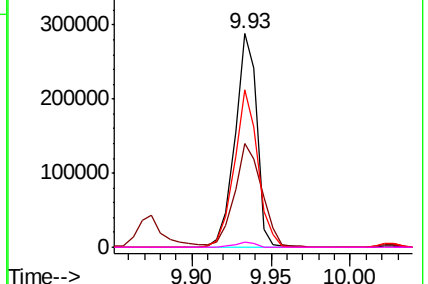
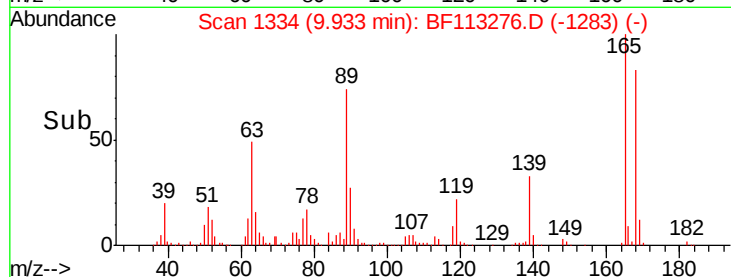
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

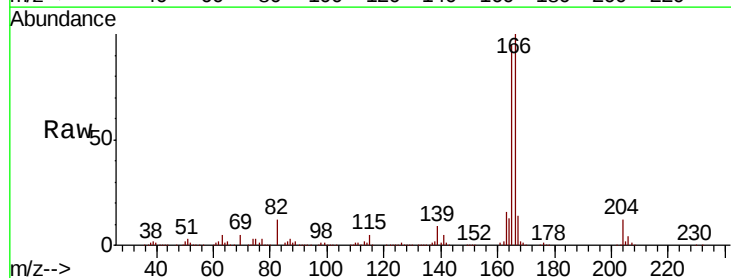
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 51.942 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	76.2	114.2
167	13.8	10.7	16.1

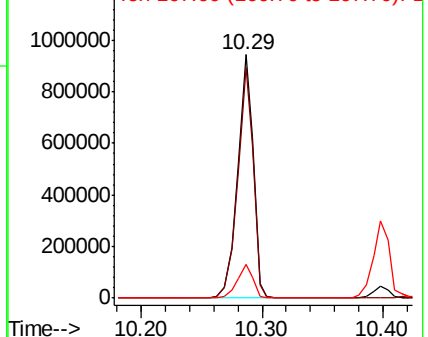
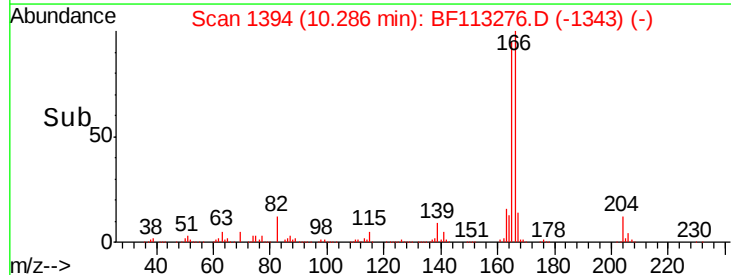


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

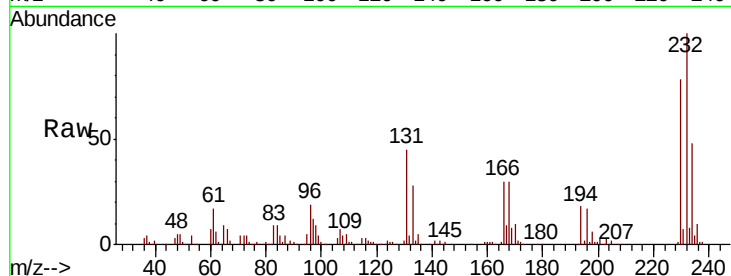




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.732 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	33.2	49.8
130	2.0	1.6	2.4
166	28.9	21.0	31.6



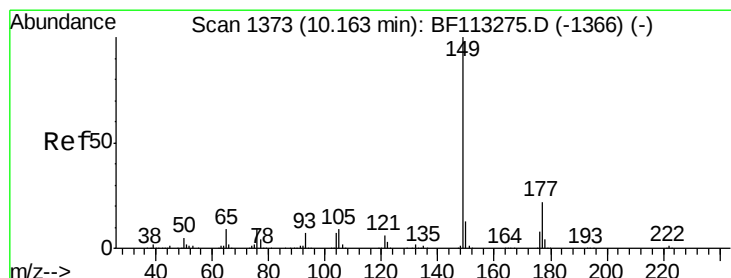
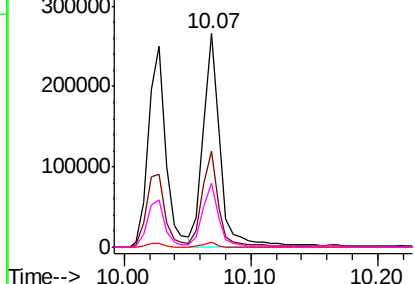
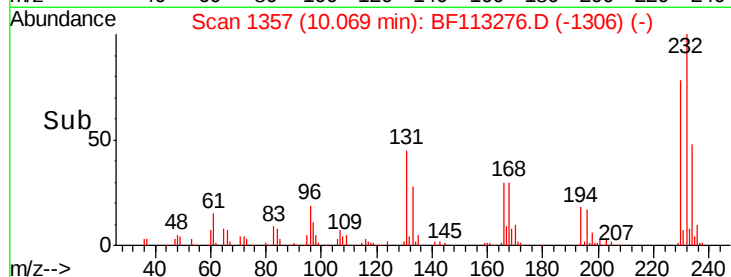
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

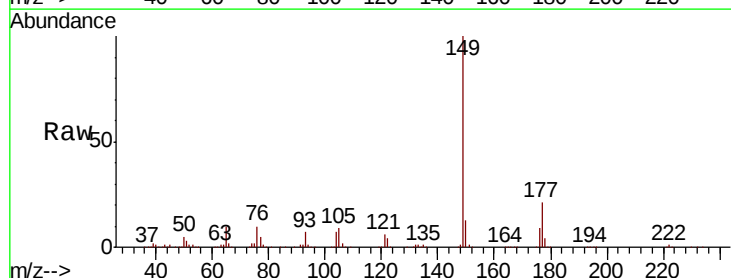
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 46.448 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.0
150	13.1	10.0	15.0

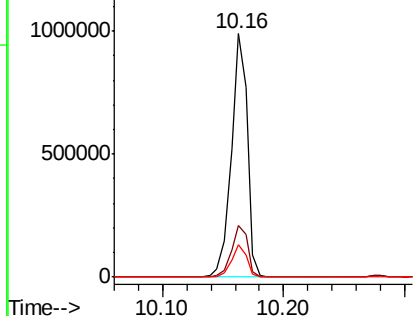
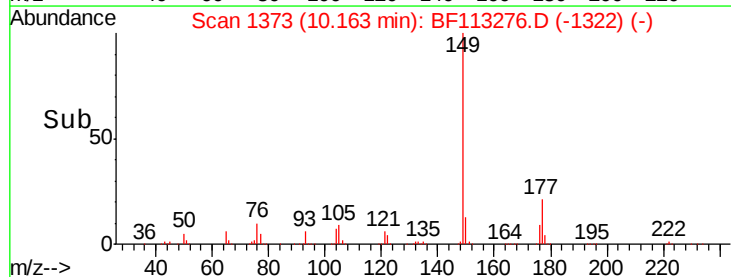


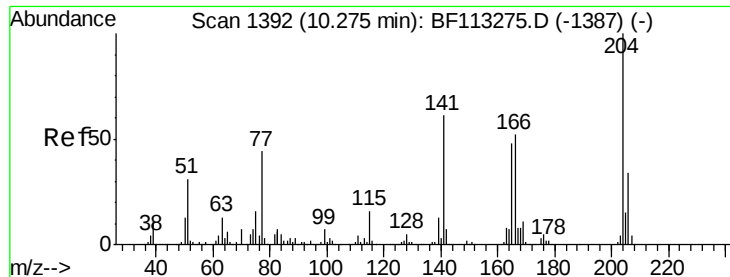
Abundance

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

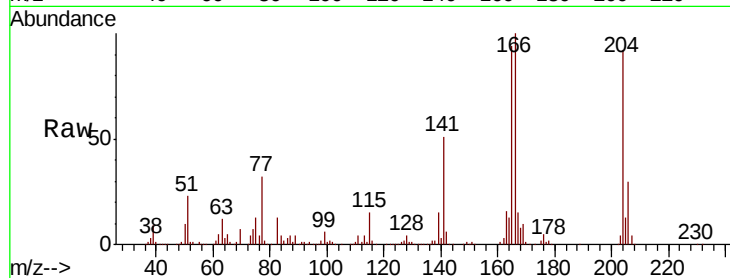




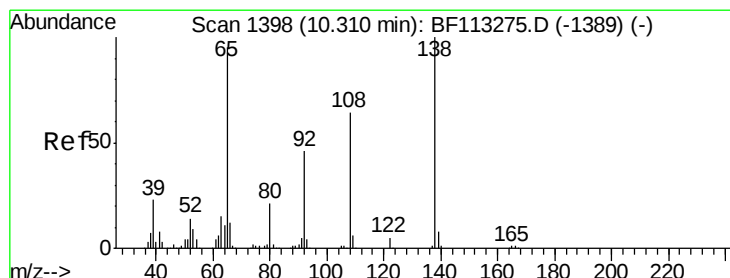
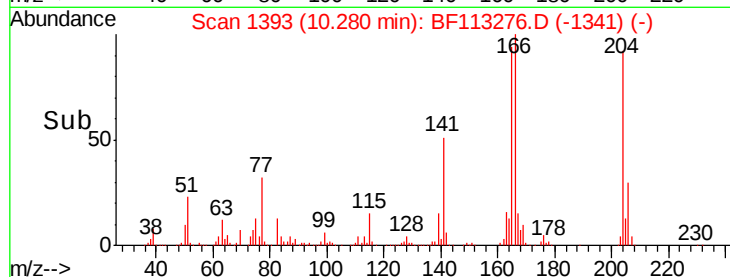
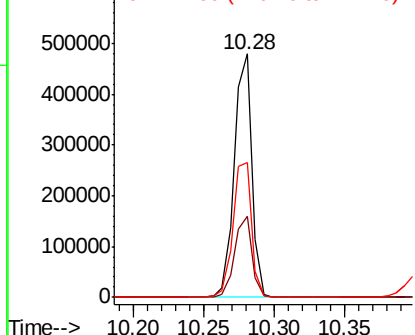
#61
4-Chlorophenyl-phenylether
Concen: 54.536 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 416061
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 55.3 48.8 73.2

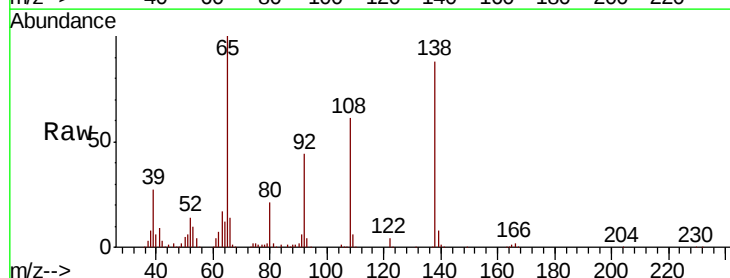


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

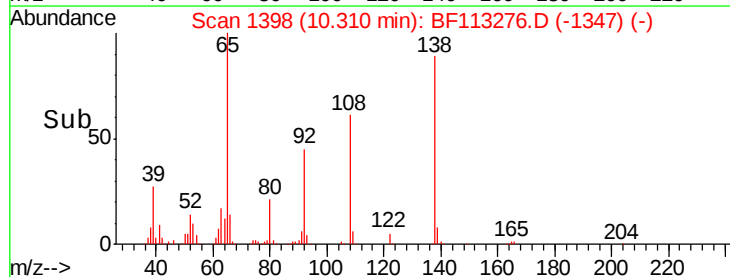
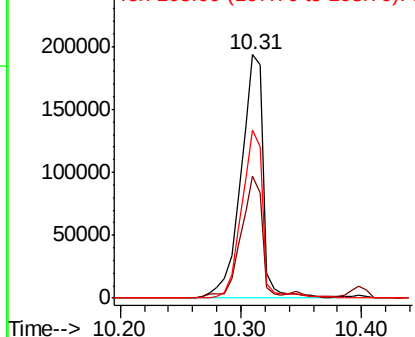


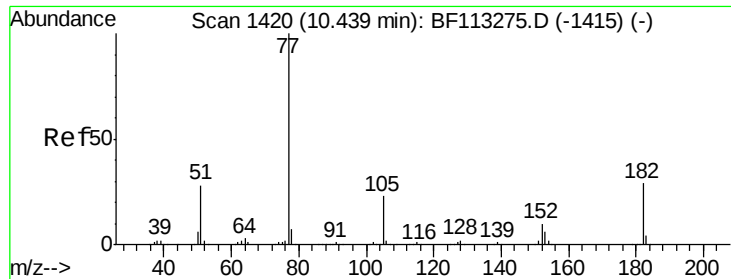
#62
4-Nitroaniline
Concen: 57.446 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:138 Resp: 249683
Ion Ratio Lower Upper
138 100
92 50.3 25.8 65.8
108 69.1 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: 42.677 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 855809

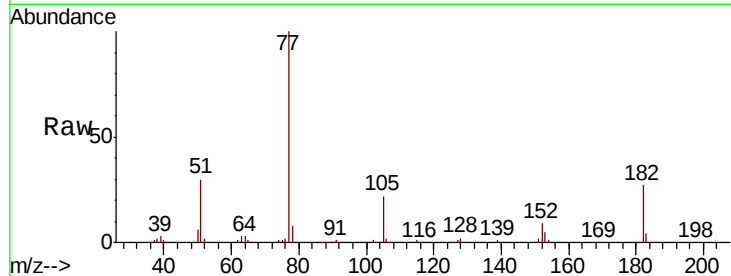
Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.7	48.7
105	22.3	2.9	42.9
51	30.0	8.8	48.8

77 100

182 26.5 8.7 48.7

105 22.3 2.9 42.9

51 30.0 8.8 48.8

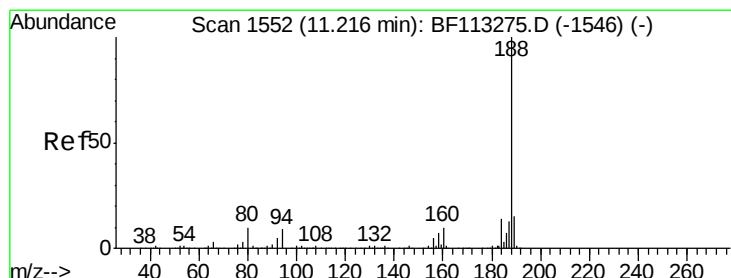
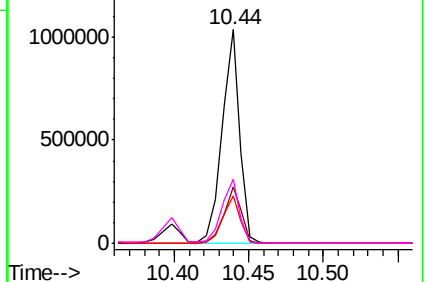
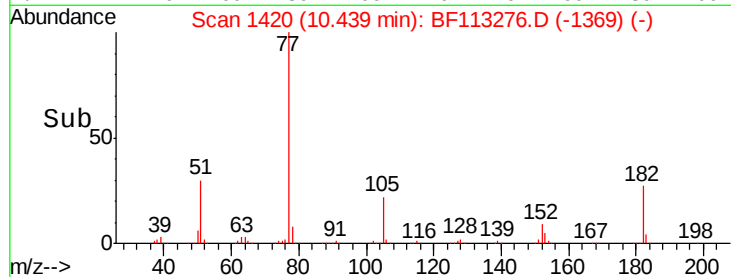


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

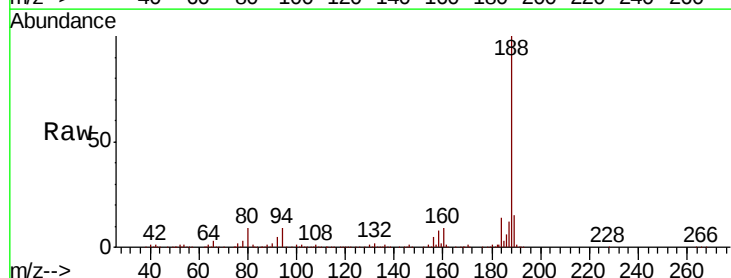
Tgt Ion: 188 Resp: 519722

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.5	7.7	11.5

188 100

94 9.1 7.0 10.6

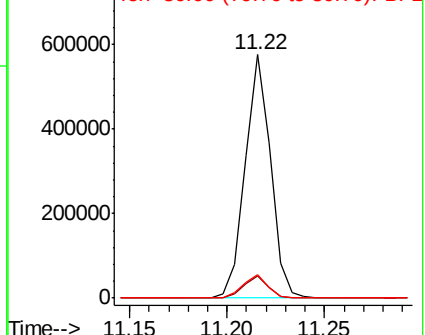
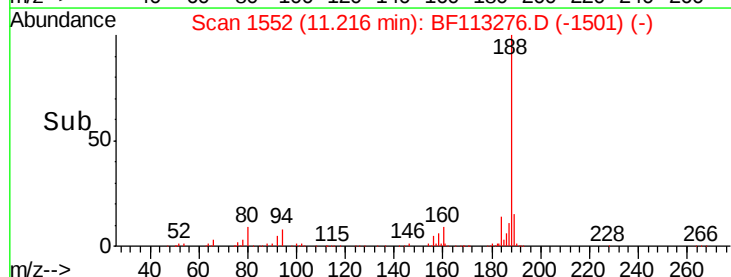
80 9.5 7.7 11.5

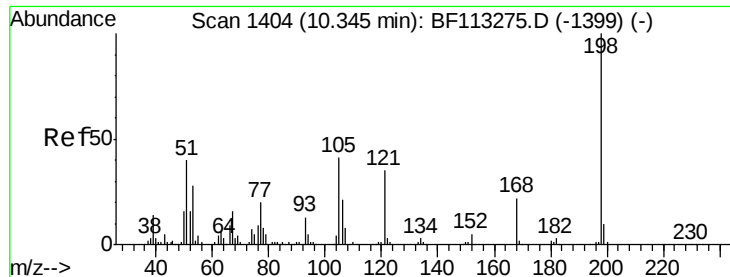


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 63.935 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

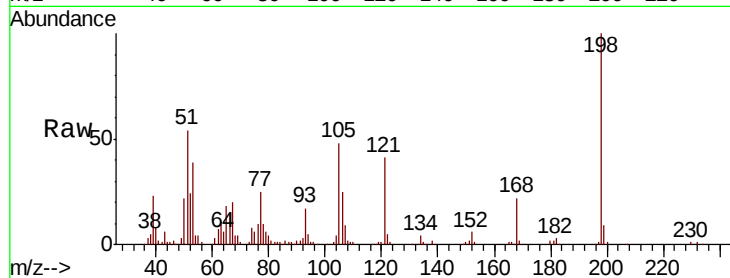
Tot Ion:198 Resp: 140149

Ion	Ratio	Lower	Upper
198	100		
51	53.9	21.6	61.6
105	47.7	20.6	60.6

198 100

51 53.9 21.6 61.6

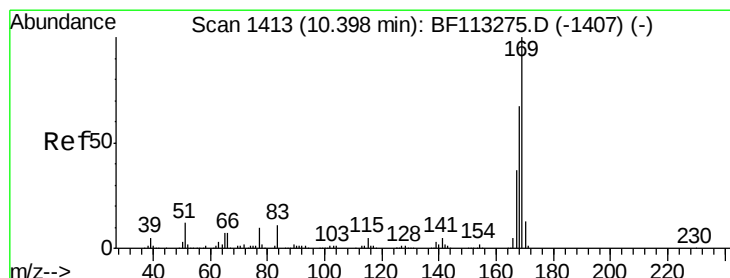
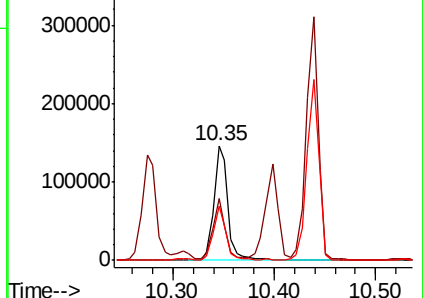
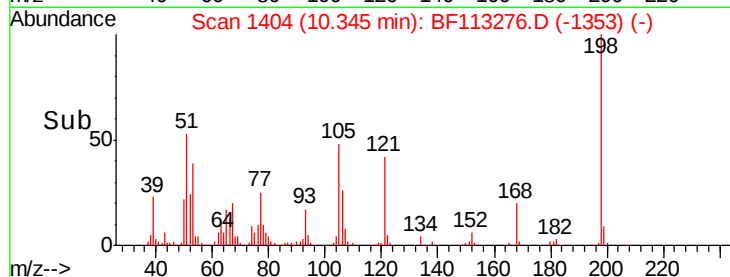
105 47.7 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.285 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

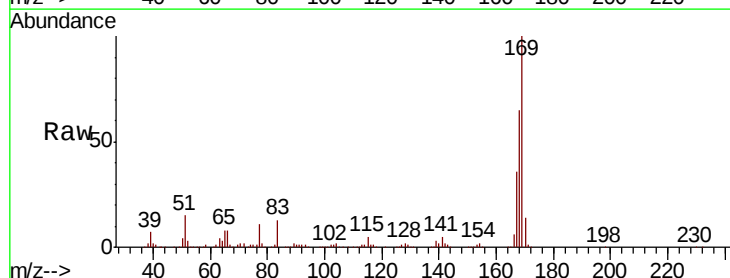
Tgt Ion:169 Resp: 771481

Ion	Ratio	Lower	Upper
169	100		
168	65.5	53.7	80.5
167	36.0	29.5	44.3

169 100

168 65.5 53.7 80.5

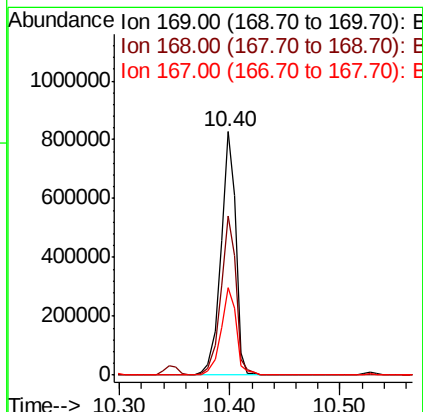
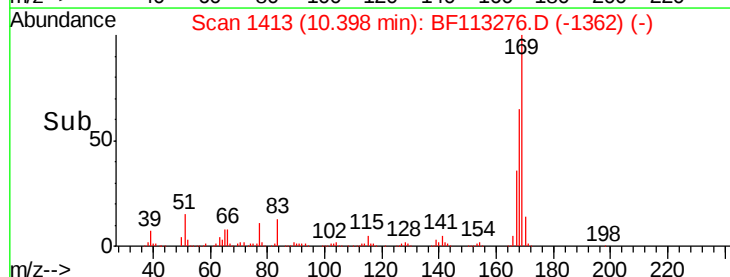
167 36.0 29.5 44.3

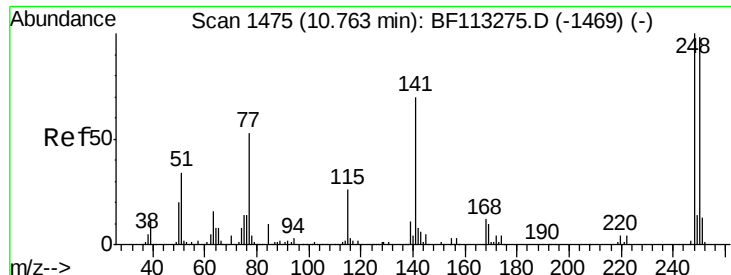


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

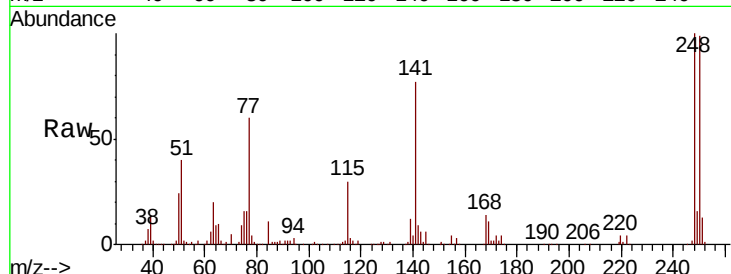




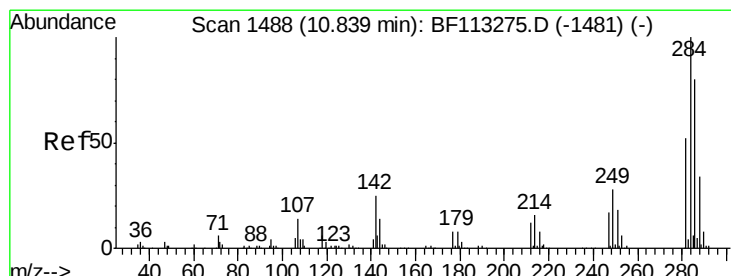
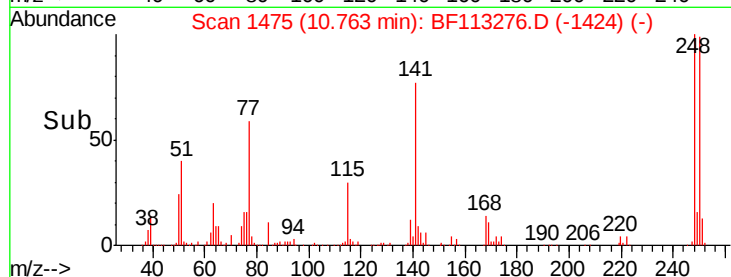
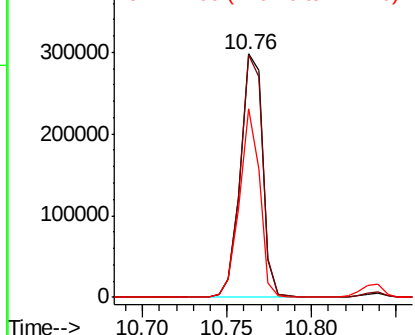
#67
 4-Bromophenyl-phenylether
 Concen: 50.252 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 275093
 Ion Ratio Lower Upper
 248 100
 250 99.4 78.3 117.5
 141 77.5 56.2 84.4

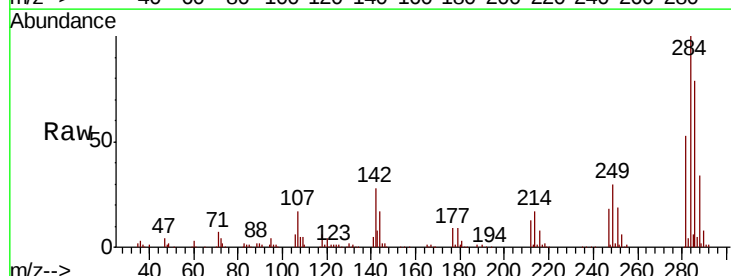


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

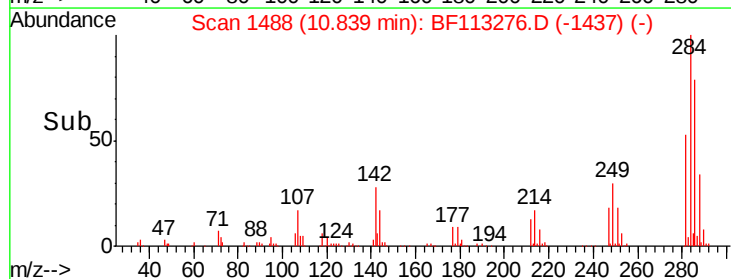
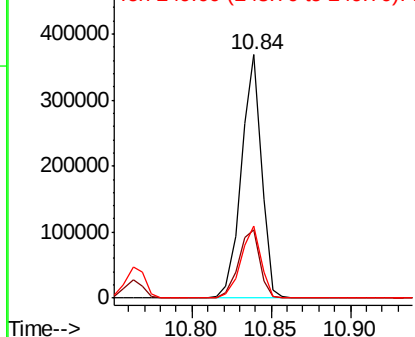


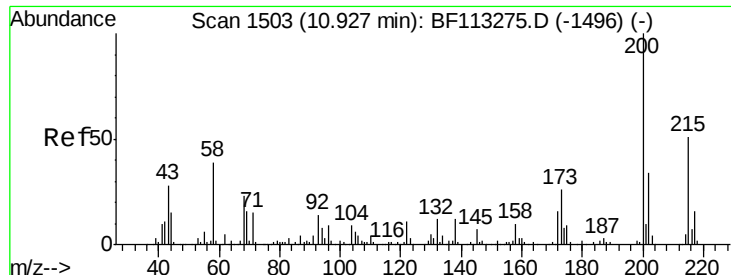
#68
 Hexachlorobenzene
 Concen: 52.357 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion:284 Resp: 323089
 Ion Ratio Lower Upper
 284 100
 142 27.9 20.1 30.1
 249 29.7 22.7 34.1



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

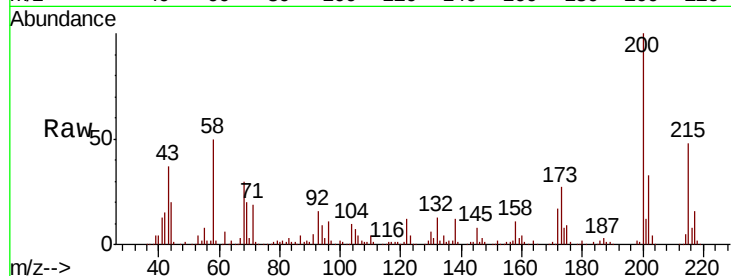




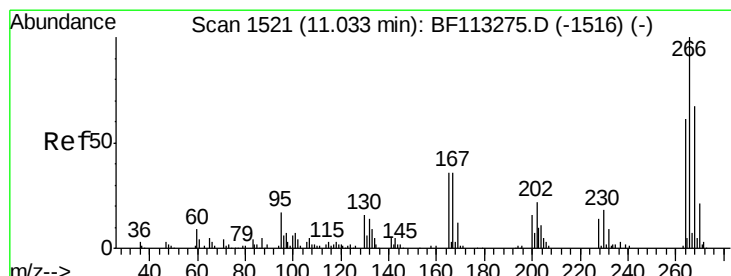
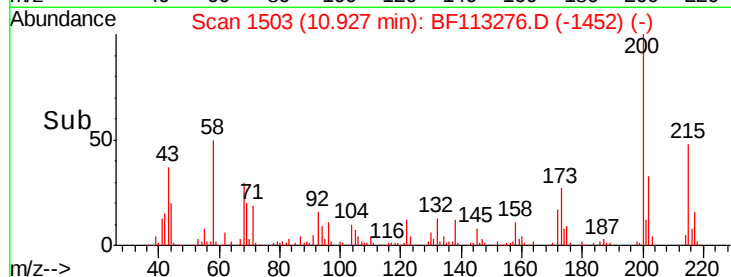
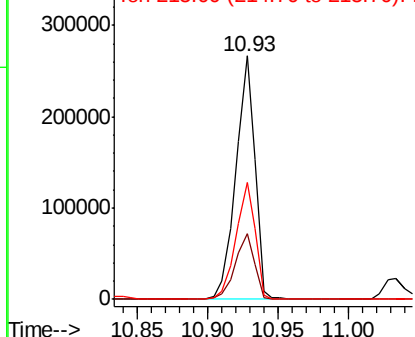
#69
 Atrazine
 Concen: 49.099 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 250642
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.0 46.0
 215 48.2 31.3 71.3

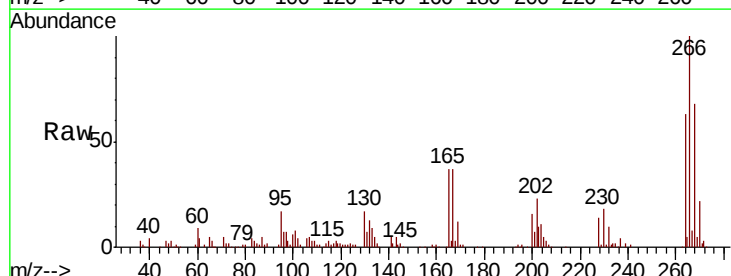


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

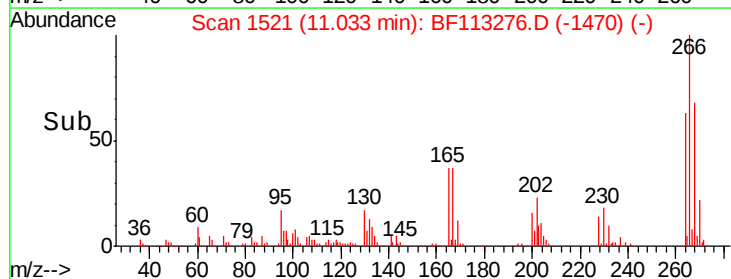
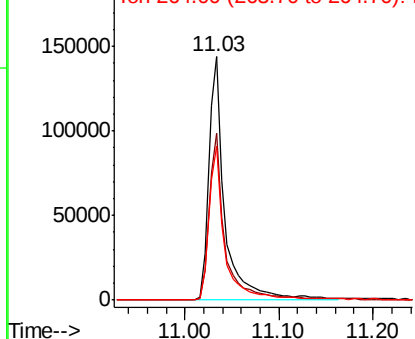


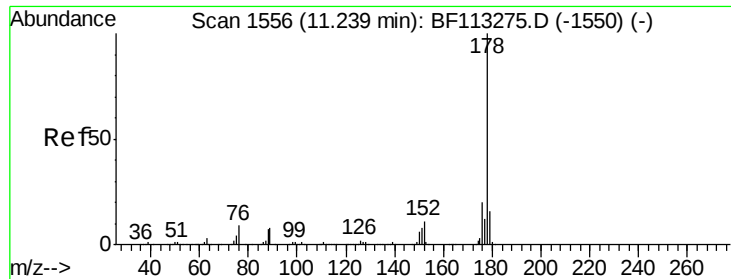
#70
 Pentachlorophenol
 Concen: 47.794 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion:266 Resp: 173587
 Ion Ratio Lower Upper
 266 100
 268 68.4 53.8 80.6
 264 63.3 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: 48.585 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

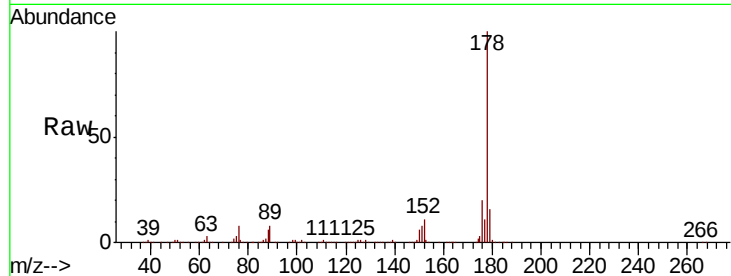
Tot Ion:178 Resp: 1256325

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.2

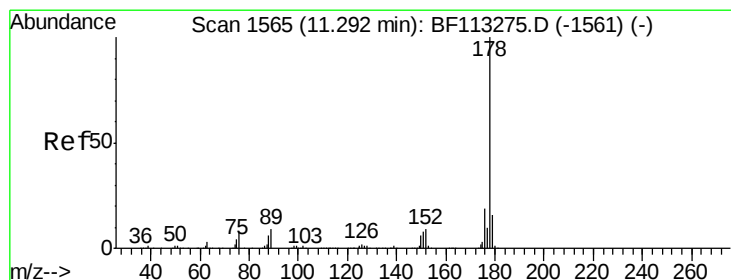
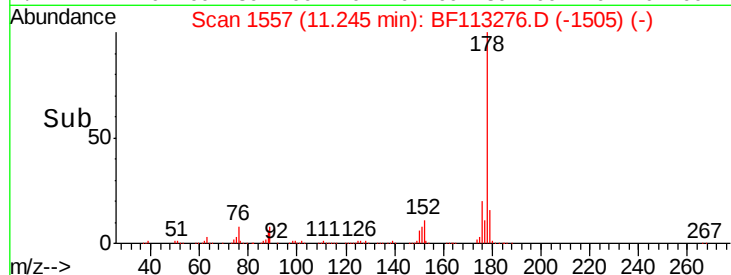
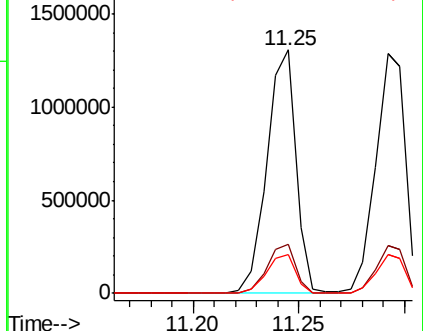
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.311 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

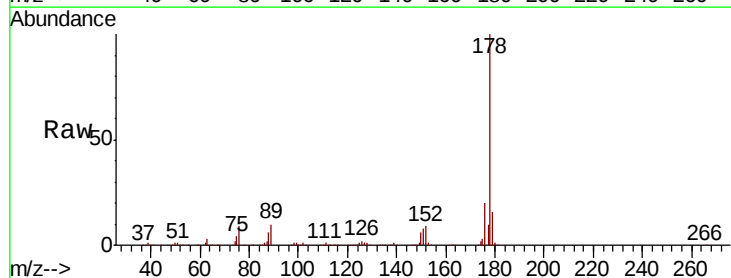
Tgt Ion:178 Resp: 1280623

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

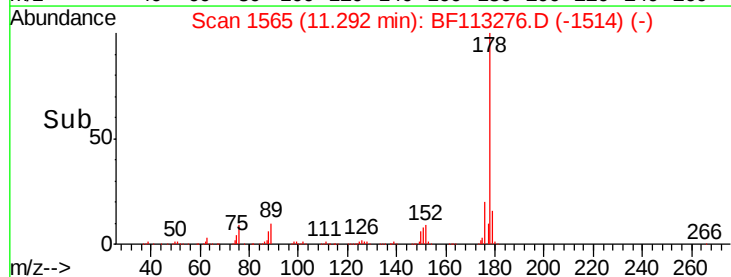
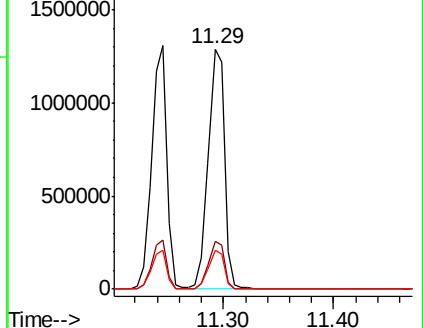
179 16.2 12.8 19.2

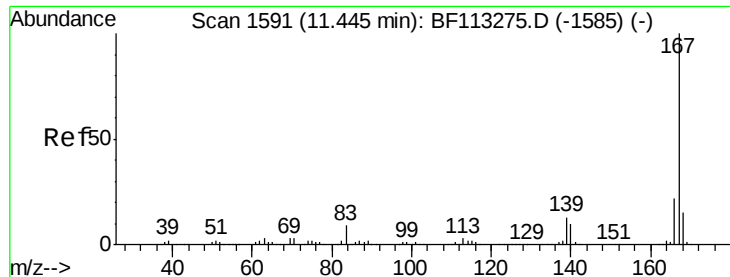


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



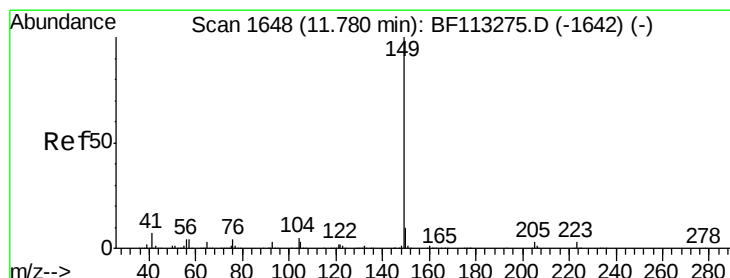
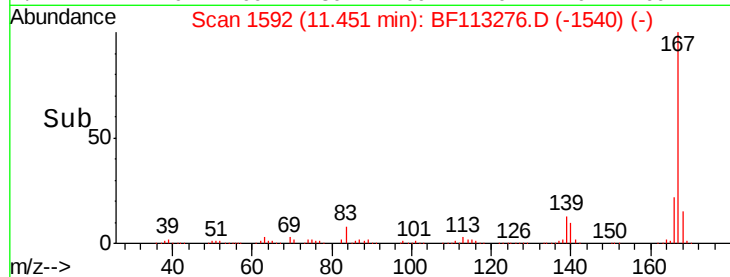
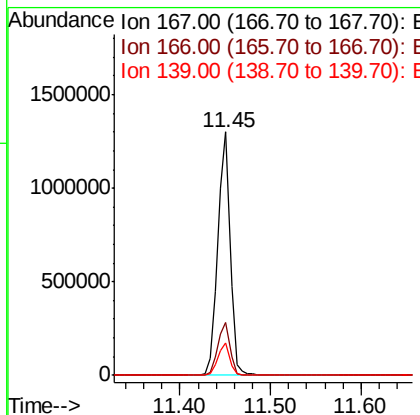
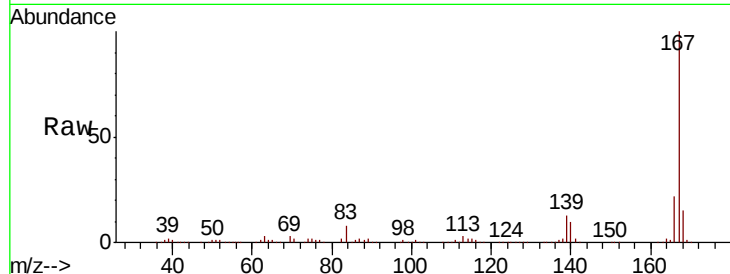


#73
 Carbazole
 Concen: 46.151 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1218617

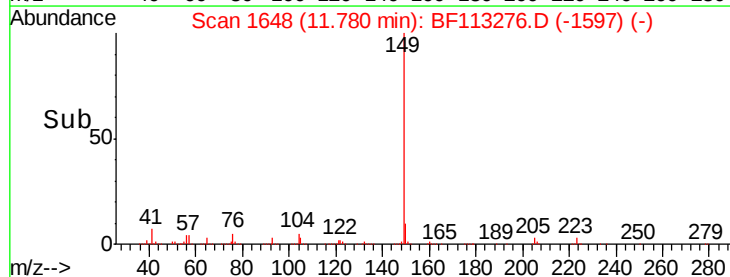
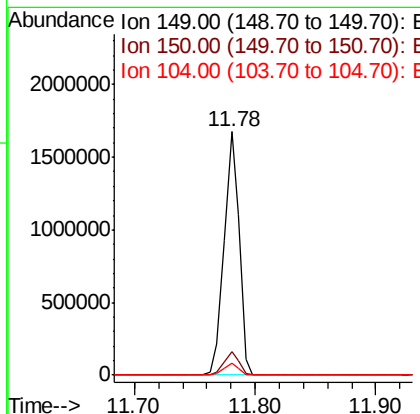
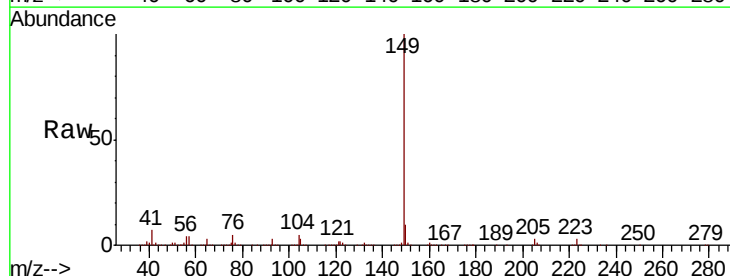
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.3	10.4	15.6

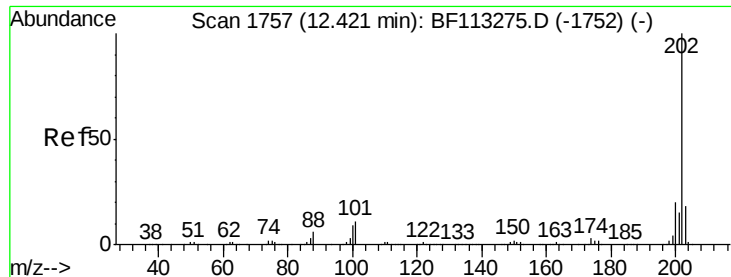


#74
 Di-n-butylphthalate
 Concen: 45.466 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF113276.D
 Acq: 25 Mar 2019 13:03

Tgt Ion:149 Resp: 1439501

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 50.556 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

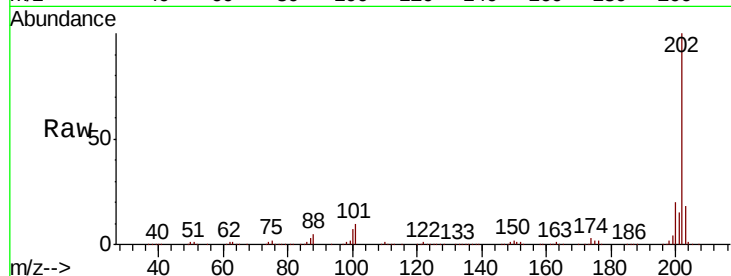
Tot Ion:202 Resp: 1400617

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.4

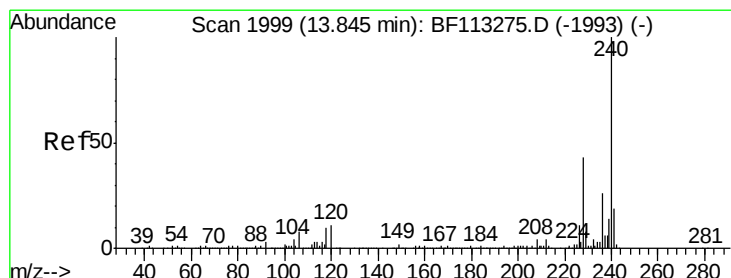
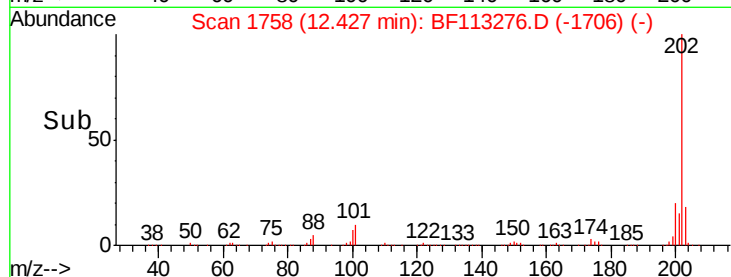
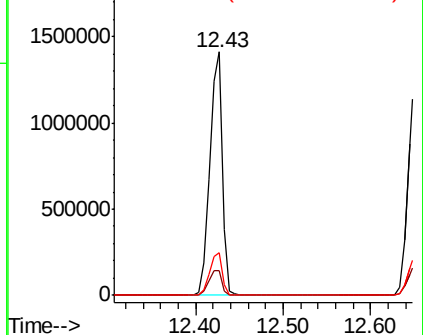
203 17.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

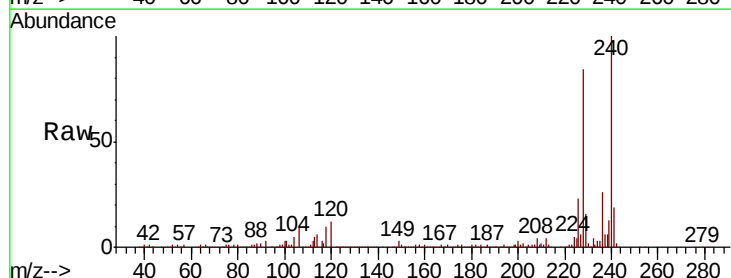
Tgt Ion:240 Resp: 406510

Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

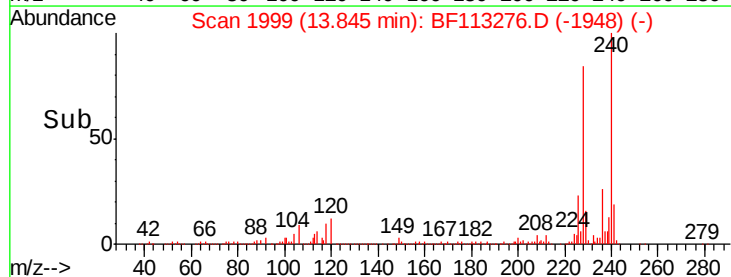
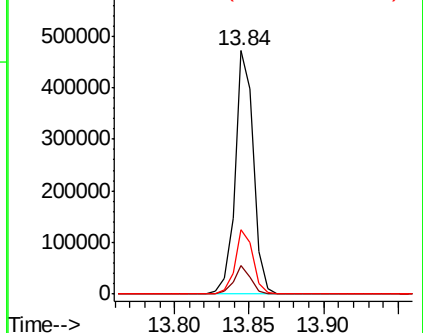
236 26.4 20.9 31.3

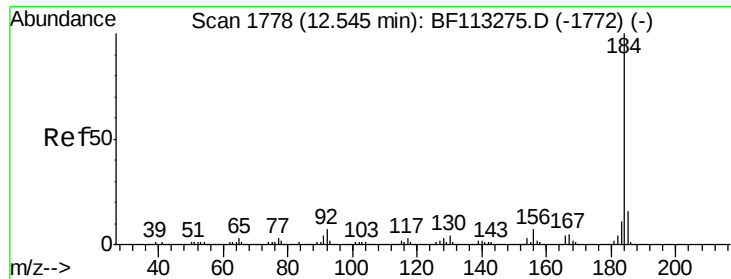


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.495 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

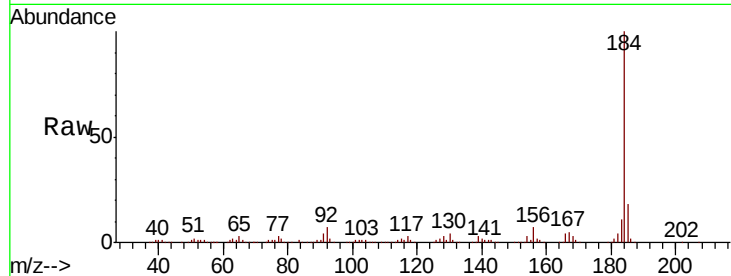
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 727525

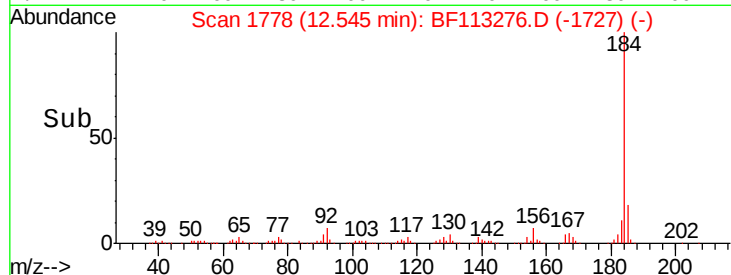
Ion	Ratio	Lower	Upper
184	100		
185	18.3	13.0	19.6
183	11.3	9.0	13.4



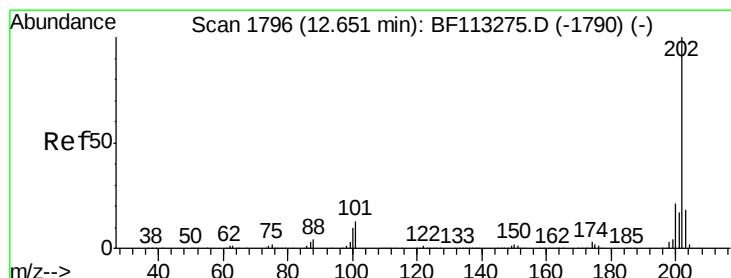
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.568 ng

RT: 12.65 min Scan# 1796

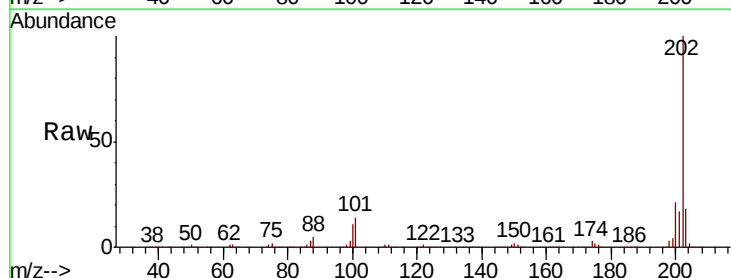
Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Tgt Ion:202 Resp: 1424519

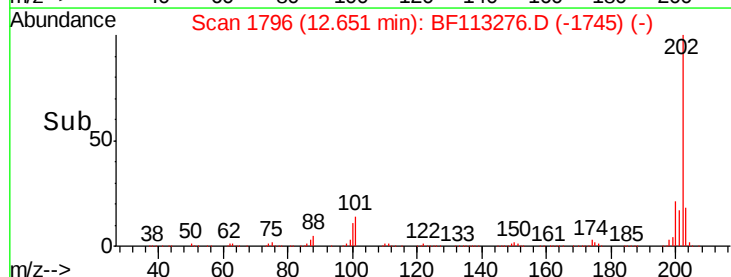
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.1	14.4	21.6



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



Time-->



#79

Terphenyl-d14

Concen: 88.989 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Instrument :

BNA_F

ClientSampleId :

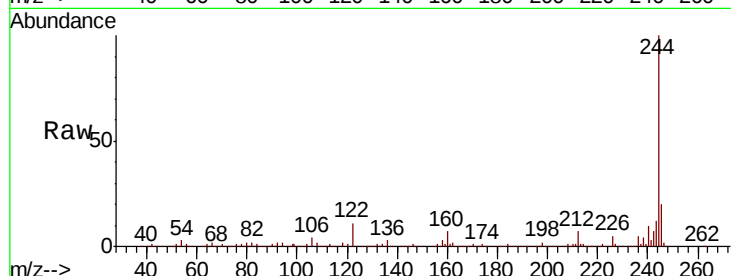
Tot Ion:244 Resp: 1866122

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

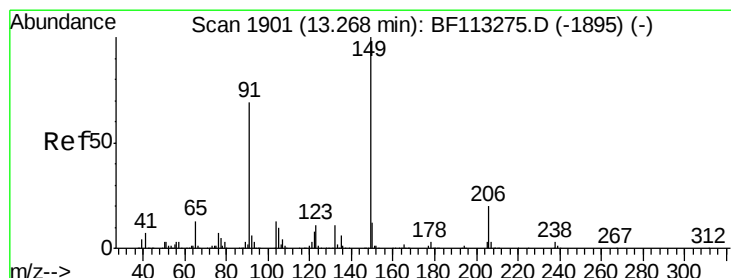
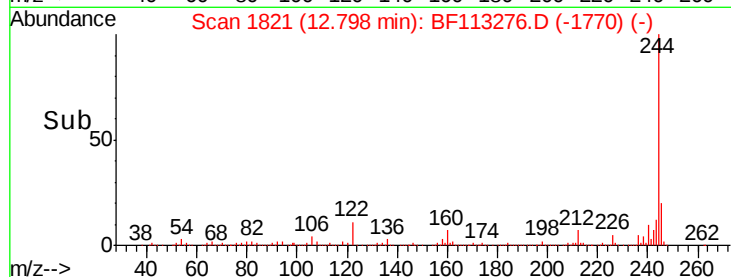
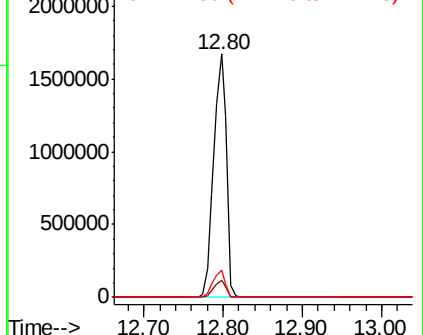
122 11.4 8.6 13.0



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: 40.815 ng

RT: 13.27 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

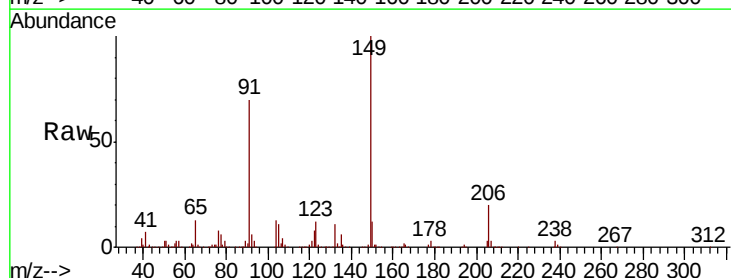
Tgt Ion:149 Resp: 617407

Ion Ratio Lower Upper

149 100

91 70.0 55.2 82.8

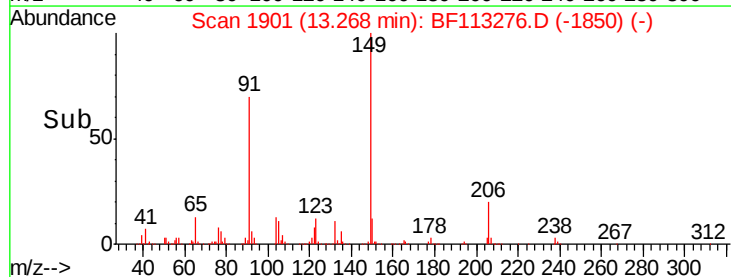
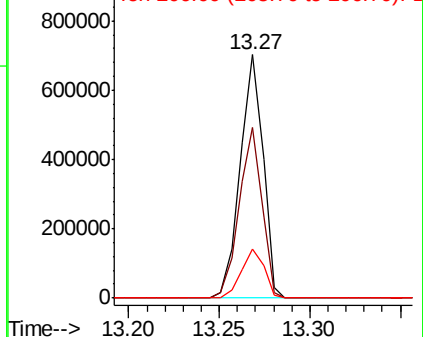
206 20.0 16.1 24.1

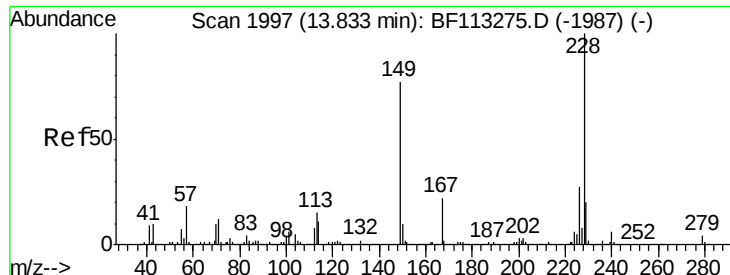


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.719 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

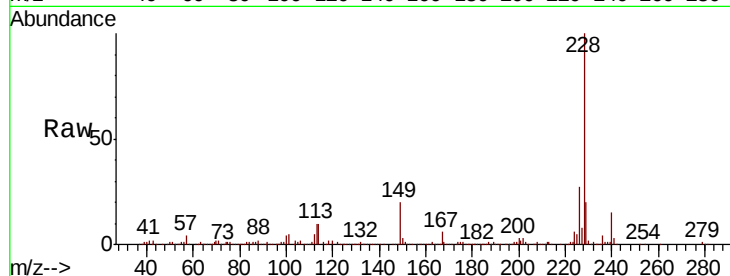
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1147207

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.9	16.2	24.4

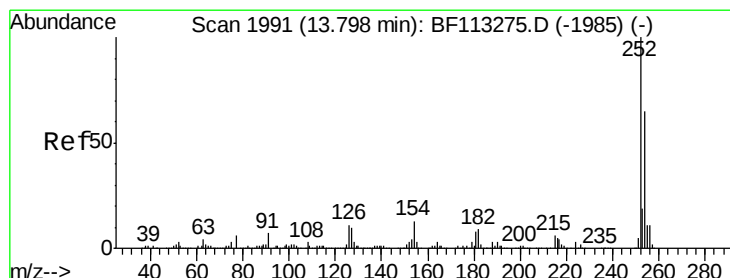
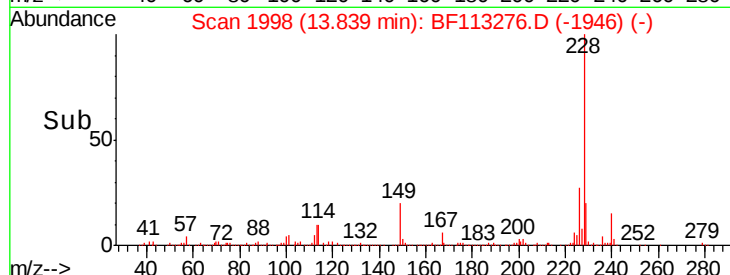
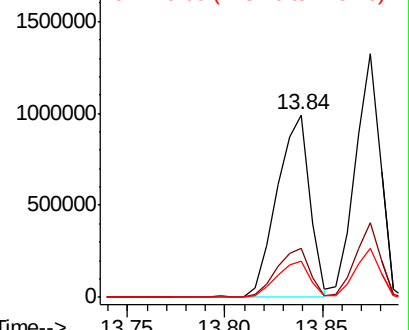


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.370 ng

RT: 13.80 min Scan# 1991

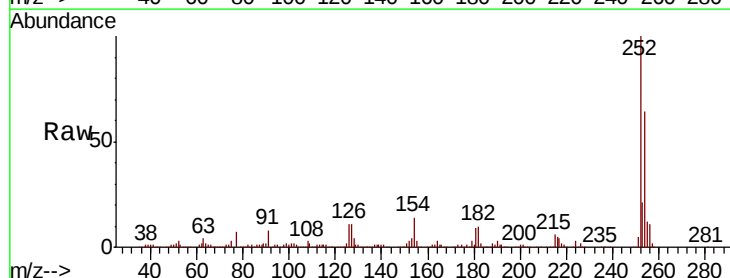
Delta R.T. -0.00 min

Lab File: BF113276.D

Acq: 25 Mar 2019 13:03

Tgt Ion:252 Resp: 462123

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.2	78.2
126	10.9	8.5	12.7

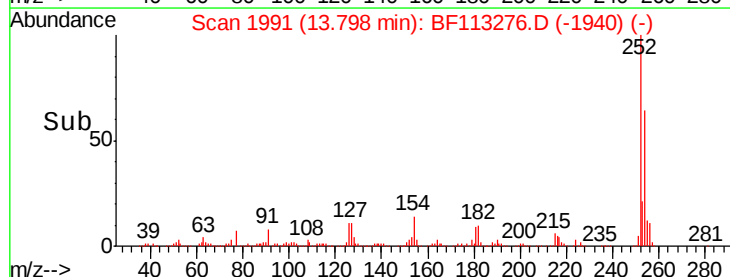
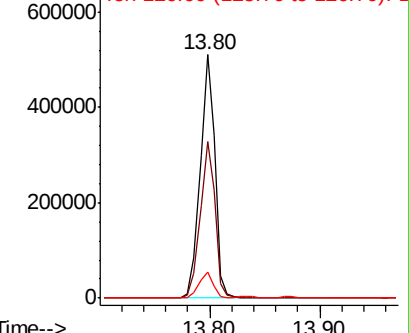


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

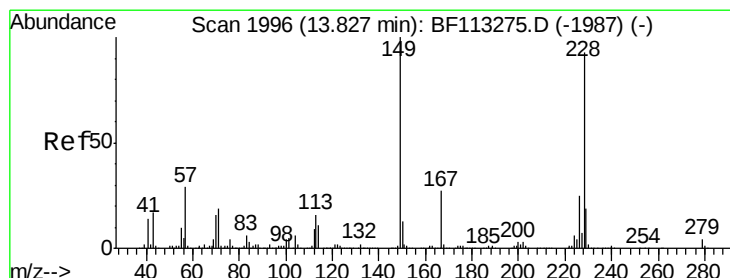
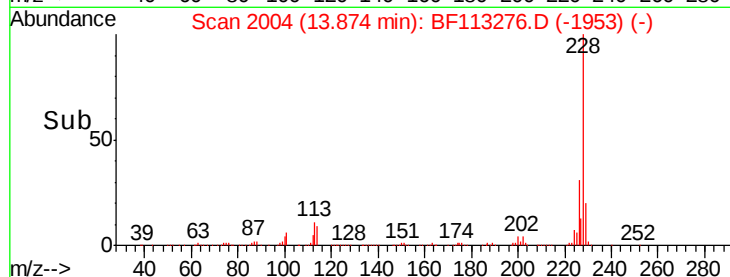
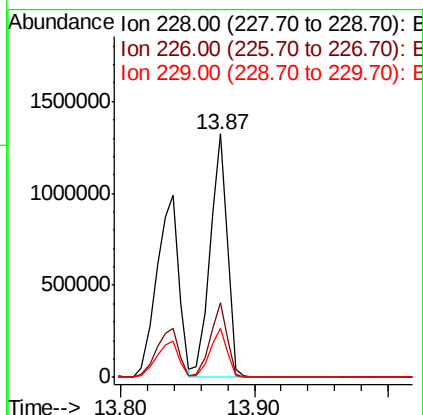
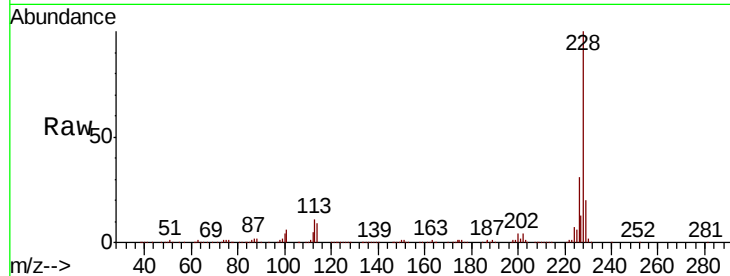




#83
Chrysene
Concen: 43.040 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

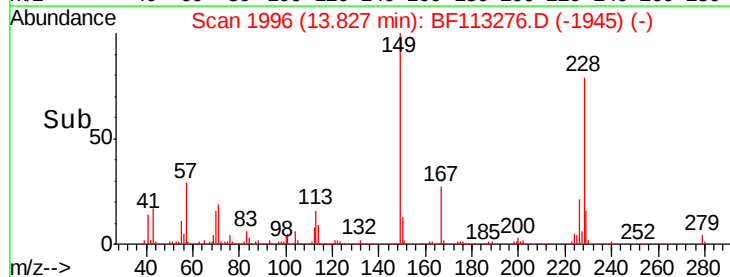
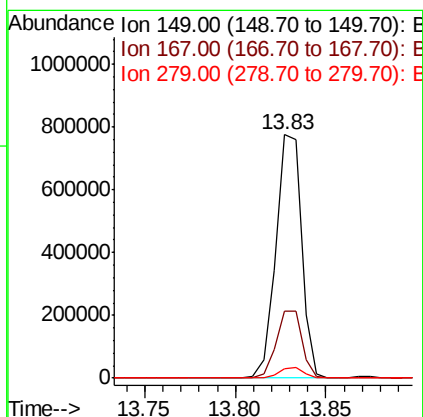
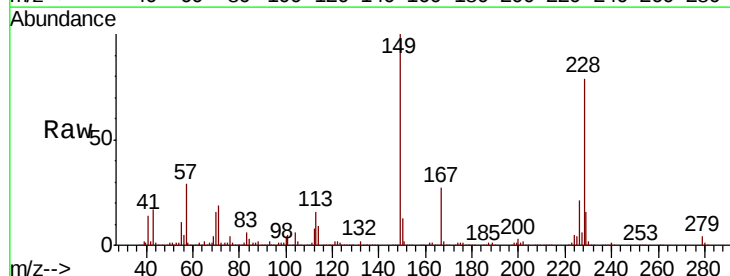
Instrument :
BNA_F
ClientSampleId :

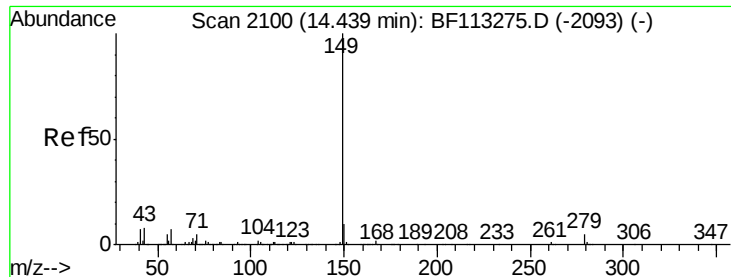
Tot Ion:228 Resp: 1187796
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.083 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:149 Resp: 764425
Ion Ratio Lower Upper
149 100
167 27.3 21.8 32.8
279 3.8 2.9 4.3

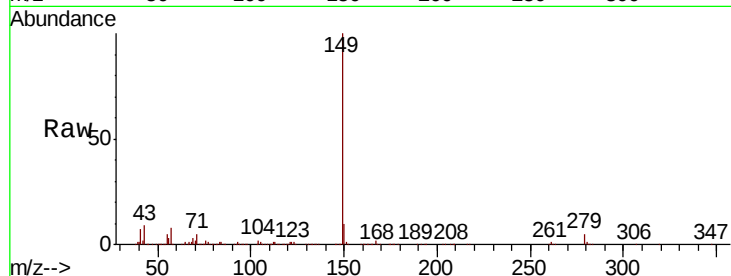




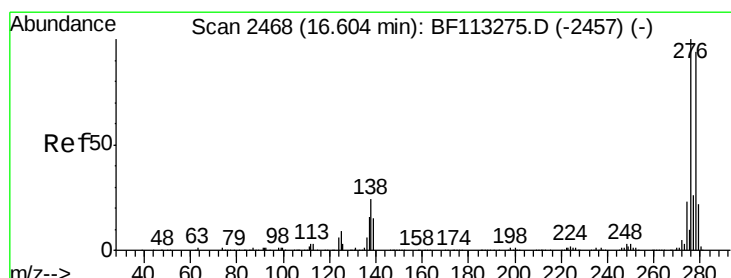
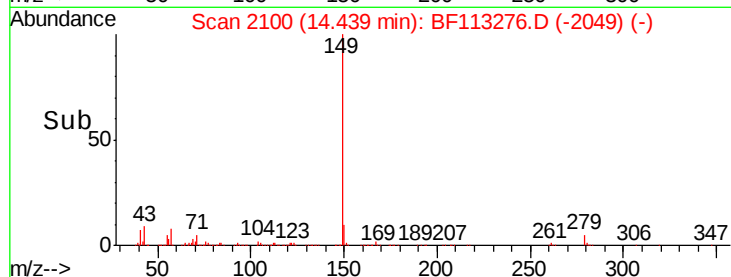
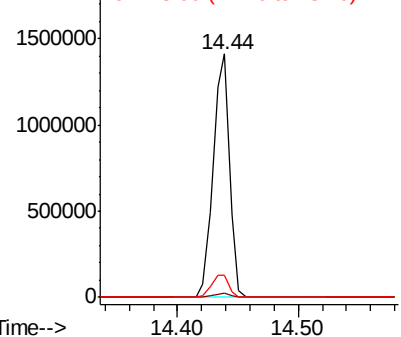
#85
Di-n-octyl phthalate
Concen: 43.358 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1320985
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.8 7.7 11.5

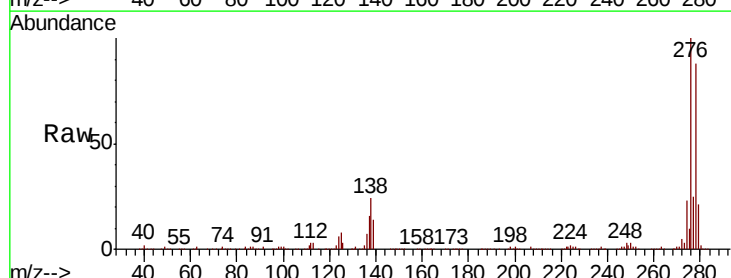


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

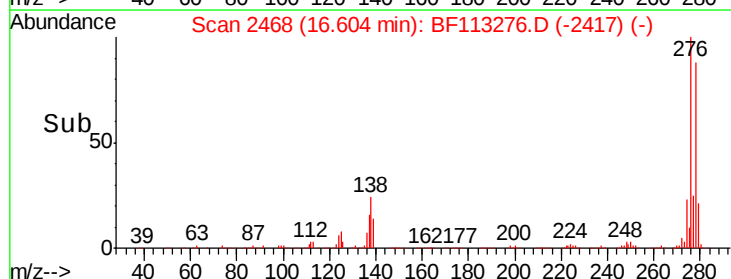
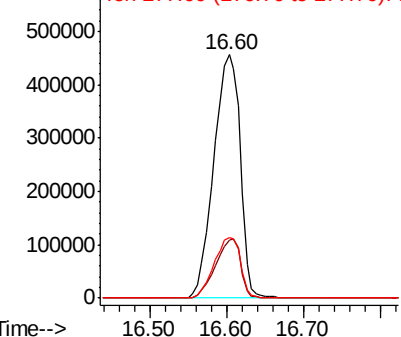


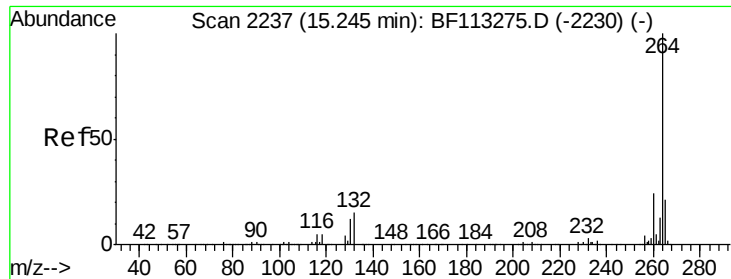
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.426 ng
RT: 16.60 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:276 Resp: 1092295
Ion Ratio Lower Upper
276 100
138 23.2 18.1 27.1
277 25.0 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



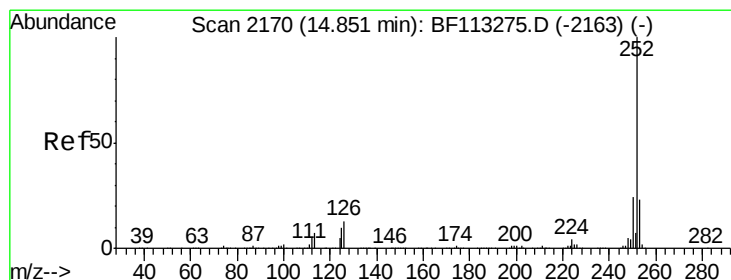
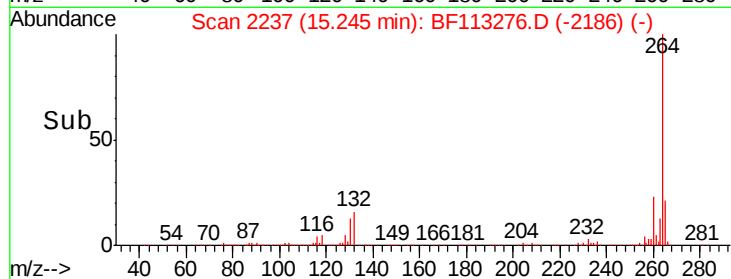
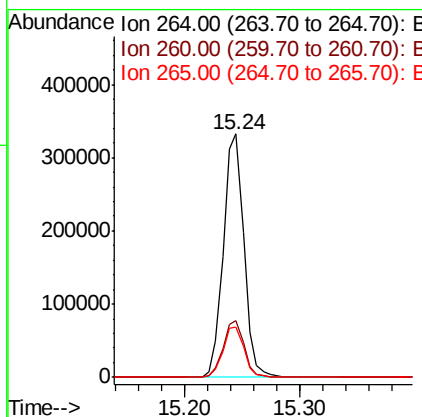
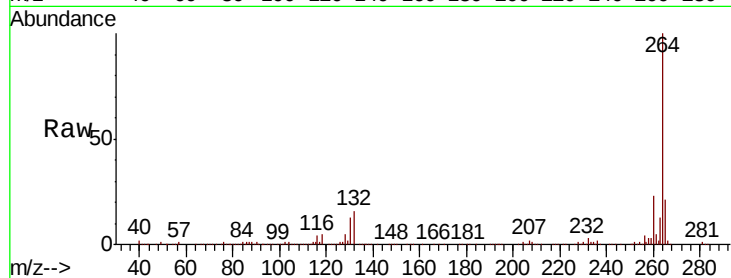


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 411011

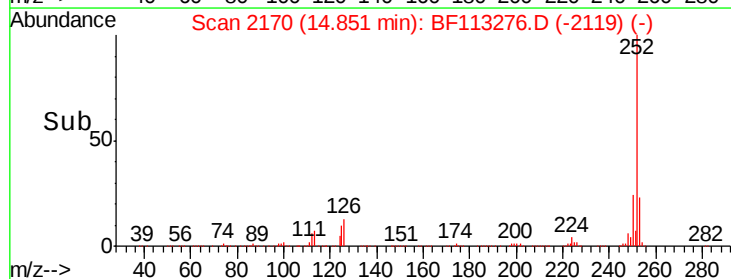
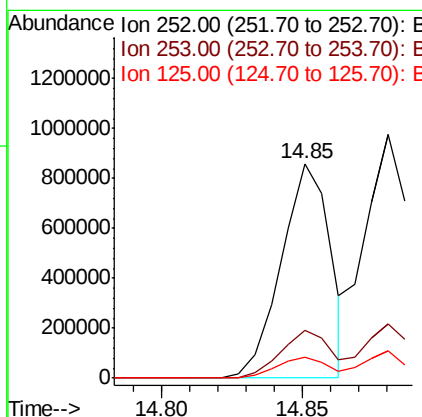
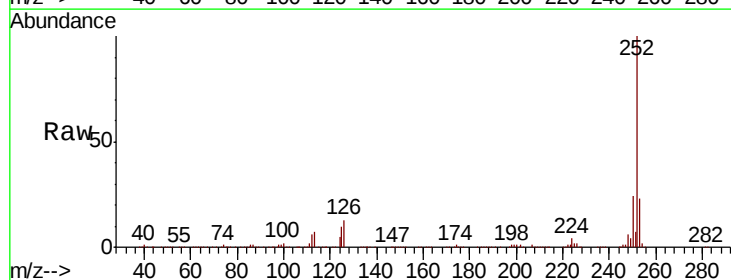
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	20.9	17.1	25.7

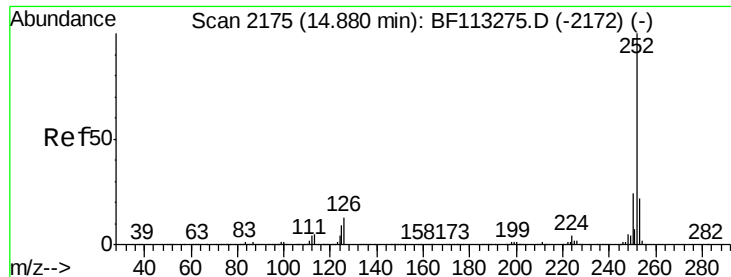


#88
Benzo(b)fluoranthene
Concen: 38.984 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:252 Resp: 1036414

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.0	7.6	11.4

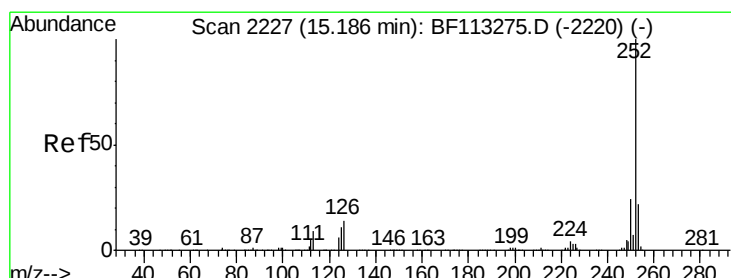
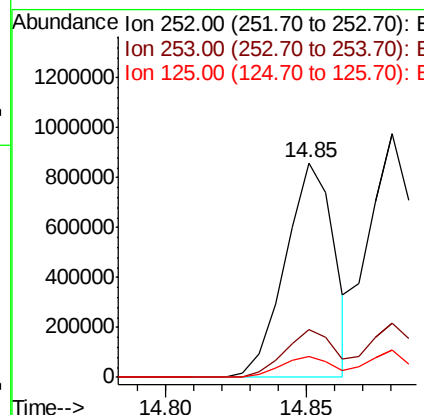
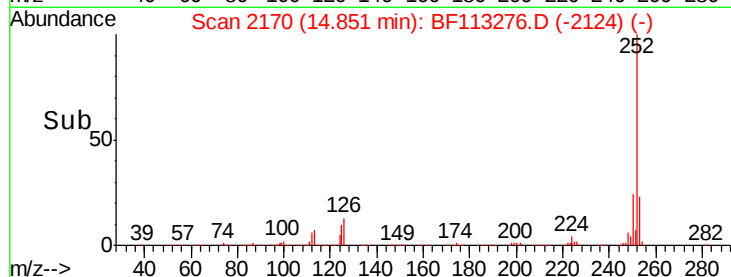
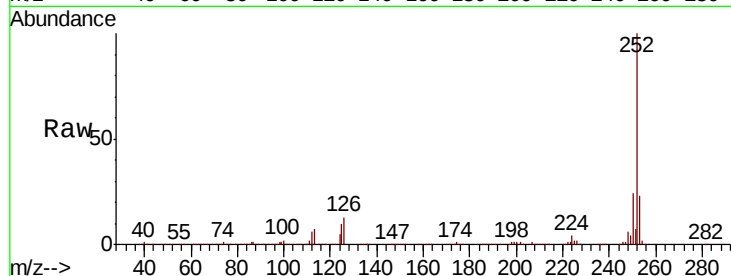




#89
Benzo(k)fluoranthene
Concen: 43.039 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

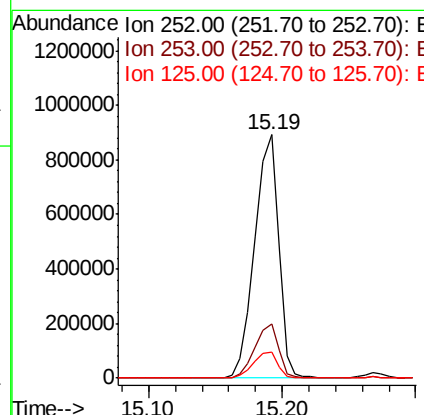
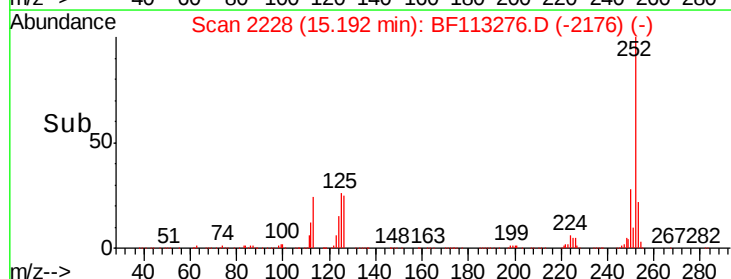
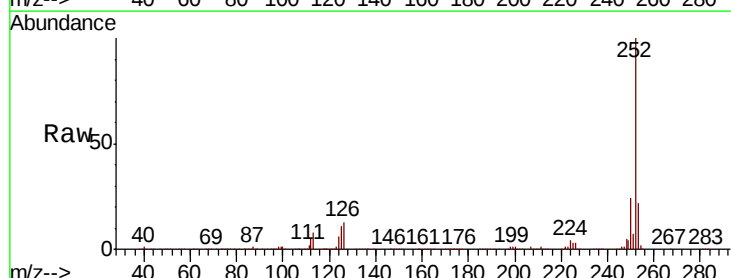
Instrument :
BNA_F
ClientSampleId :

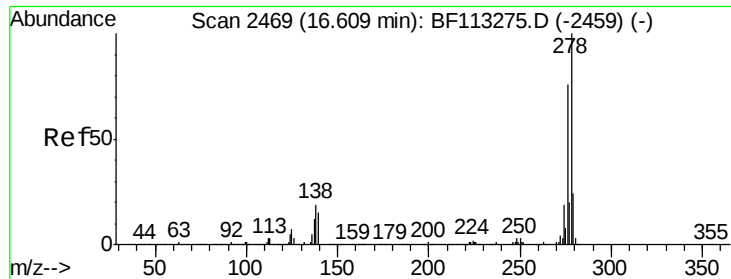
Tot Ion:252 Resp: 1036414
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.820 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion:252 Resp: 1100983
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 10.9 8.8 13.2

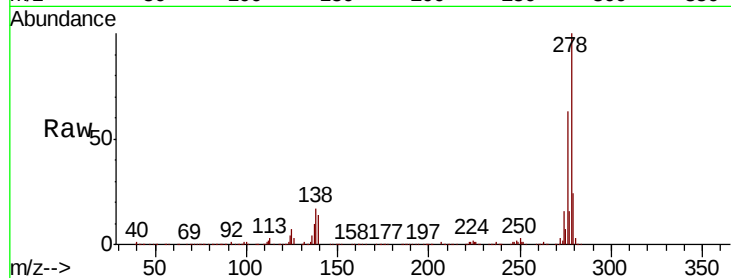




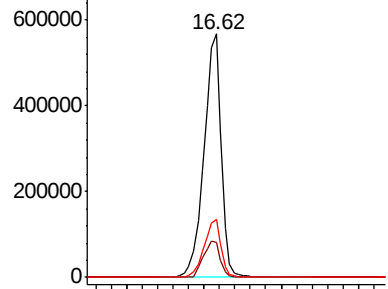
#91
Dibenzo(a,h)anthracene
Concen: 44.043 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Instrument :
BNA_F
ClientSampleId :

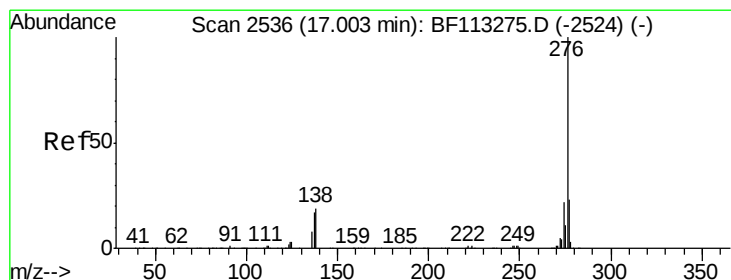
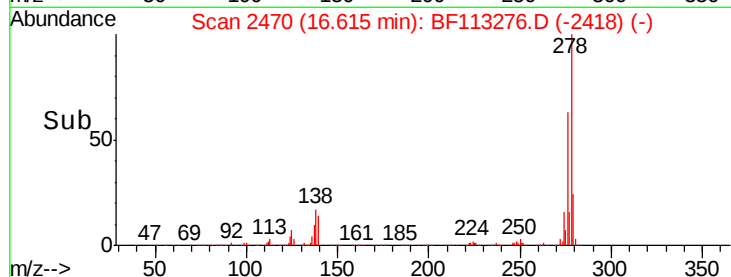
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	12.0	18.0
279	23.9	19.0	28.6



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

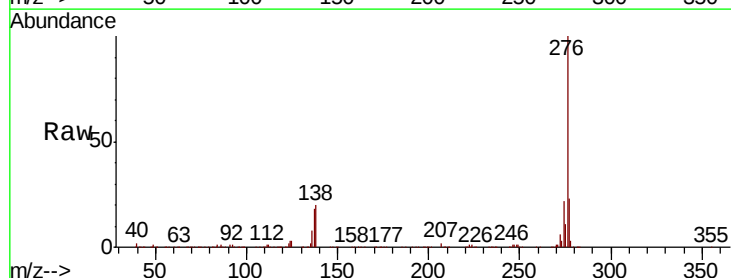


Time-->

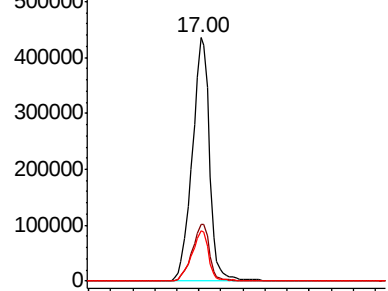


#92
Benzo(g,h,i)perylene
Concen: 47.533 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF113276.D
Acq: 25 Mar 2019 13:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.5	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



Time-->

