

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113413.D
 Acq On : 29 Mar 2019 15:03
 Operator : JU/SJ
 Sample : PB118222BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Quant Time: Mar 30 00:53:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	155732	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	610721	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	304028	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	628548	20.00	ng	0.00
76) Chrysene-d12	13.84	240	523040	20.00	ng	0.00
87) Perylene-d12	15.24	264	438094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1097222	115.20	ng	0.01
7) Phenol-d6	6.36	99	1379902	114.53	ng	0.00
23) Nitrobenzene-d5	7.27	82	816242	79.33	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	403777	107.52	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1513552	76.20	ng	0.00
79) Terphenyl-d14	12.80	244	1767311	74.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	161434	33.407	ng	98
3) Pyridine	3.13	79	361906	30.380	ng	95
4) n-Nitrosodimethylamine	3.05	42	179897	33.969	ng	88
6) Aniline	6.36	93	365266	24.895	ng	96
8) 2-Chlorophenol	6.49	128	419502	37.929	ng	99
9) Benzaldehyde	6.25	77	99796	12.343	ng	99
10) Phenol	6.37	94	505475	36.748	ng	84
11) bis(2-Chloroethyl)ether	6.44	93	399267	37.867	ng	99
12) 1,3-Dichlorobenzene	6.65	146	432588	36.285	ng	97
13) 1,4-Dichlorobenzene	6.72	146	440905	38.303	ng	98
14) 1,2-Dichlorobenzene	6.87	146	408524	36.074	ng	97
15) Benzyl Alcohol	6.85	79	324150	40.781	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	618551	39.051	ng	95
17) 2-Methylphenol	6.97	107	345299	39.838	ng	98
18) Hexachloroethane	7.22	117	158901	38.433	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	280389	37.048	ng	99
20) 3+4-Methylphenols	7.13	107	430503	42.890	ng	94
22) Acetophenone	7.12	105	563233	40.440	ng	# 97
24) Nitrobenzene	7.29	77	436933	40.693	ng	97
25) Isophorone	7.53	82	806430	40.442	ng	98
26) 2-Nitrophenol	7.60	139	224928	39.632	ng	95
27) 2,4-Dimethylphenol	7.65	122	382868	46.897	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	506414	40.328	ng	100
29) 2,4-Dichlorophenol	7.85	162	367727	41.564	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	389396	40.795	ng	99
31) Naphthalene	8.00	128	1213410	40.658	ng	99
32) Benzoic acid	7.75	122	28513	4.339	ng	96
33) 4-Chloroaniline	8.06	127	290026	24.921	ng	99
34) Hexachlorobutadiene	8.13	225	225273	39.708	ng	99
35) Caprolactam	8.44	113	83107	29.269	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	370297	41.613	ng	100
37) 2-Methylnaphthalene	8.70	142	815925	43.815	ng	99
38) 1-Methylnaphthalene	8.80	142	773632	43.191	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	379092	38.845	ng	99

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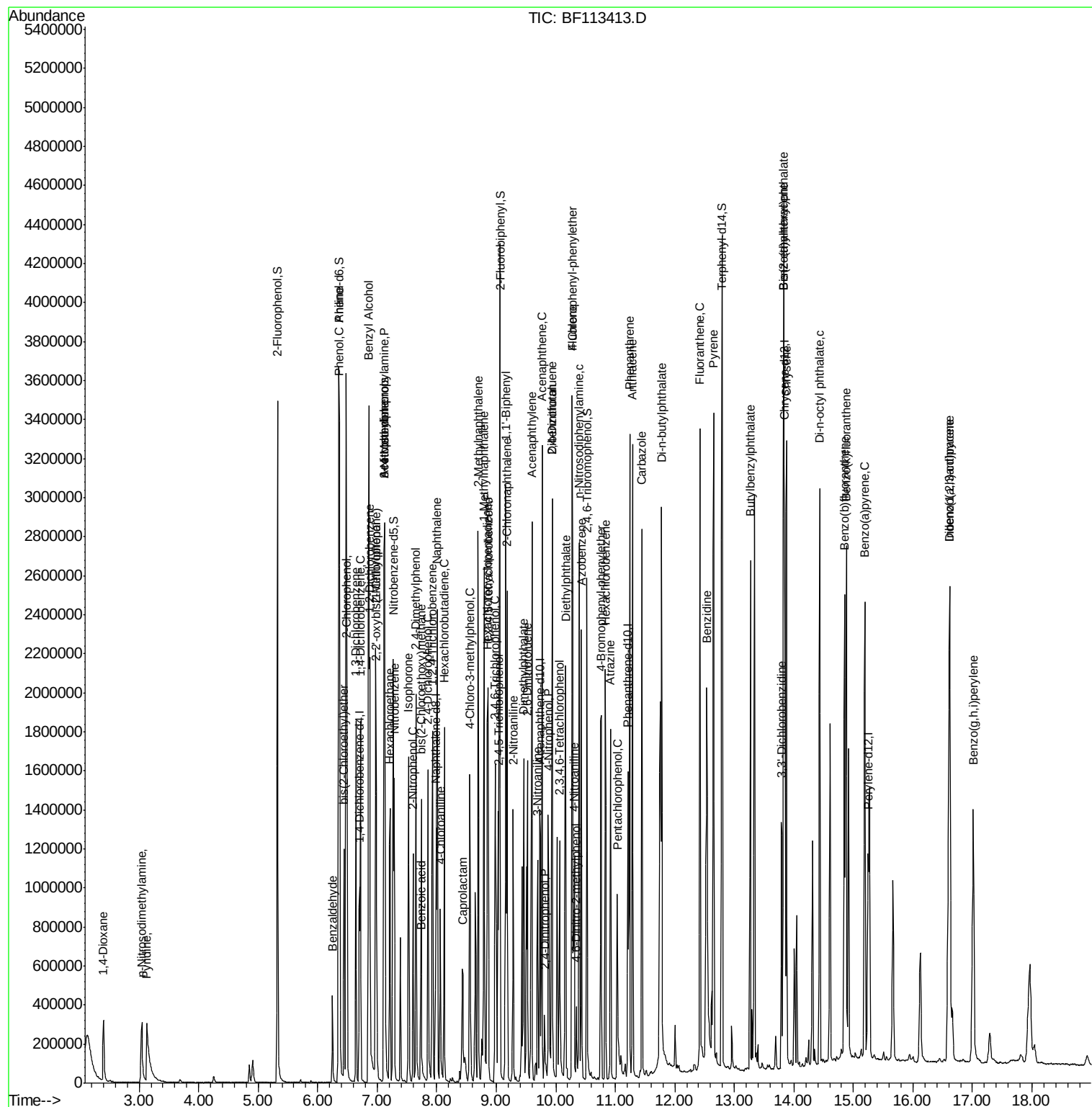
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	282153	68.304	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	235552	37.065	ng	98
44) 2,4,5-Trichlorophenol	9.03	196	257345	36.590	ng	97
46) 1,1'-Biphenyl	9.16	154	999645	39.368	ng	100
47) 2-Chloronaphthalene	9.19	162	762718	39.012	ng	98
48) 2-Nitroaniline	9.29	65	244991	39.931	ng	96
49) Acenaphthylene	9.60	152	1231195	38.947	ng	99
50) Dimethylphthalate	9.46	163	904479	40.144	ng	100
51) 2,6-Dinitrotoluene	9.53	165	203155	39.968	ng	94
52) Acenaphthene	9.77	154	708158	39.779	ng	100
53) 3-Nitroaniline	9.69	138	186225	32.488	ng	92
54) 2,4-Dinitrophenol	9.81	184	58728	23.230	ng	93
55) Dibenzofuran	9.94	168	1077605	40.265	ng	99
56) 4-Nitrophenol	9.87	139	253672	62.074	ng	94
57) 2,4-Dinitrotoluene	9.93	165	259405	40.131	ng	97
58) Fluorene	10.28	166	823913	39.629	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	202116	33.983	ng	99
60) Diethylphthalate	10.16	149	883311	39.964	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	408110	40.276	ng	94
62) 4-Nitroaniline	10.31	138	246929	41.840	ng	97
63) Azobenzene	10.43	77	834958	40.131	ng	97
65) 4,6-Dinitro-2-methylphenol	10.35	198	58349	16.970	ng	99
66) n-Nitrosodiphenylamine	10.39	169	755259	39.159	ng	98
67) 4-Bromophenyl-phenylether	10.76	248	266432	38.891	ng	94
68) Hexachlorobenzene	10.83	284	312376	39.283	ng	95
69) Atrazine	10.92	200	230559	37.873	ng	96
70) Pentachlorophenol	11.03	266	191986	46.341	ng	98
71) Phenanthrene	11.24	178	1231772	39.462	ng	100
72) Anthracene	11.29	178	1289891	40.684	ng	100
73) Carbazole	11.45	167	1240080	40.990	ng	100
74) Di-n-butylphthalate	11.78	149	1404202	40.025	ng	100
75) Fluoranthene	12.42	202	1410106	39.961	ng	99
77) Benzidine	12.54	184	419263	20.932	ng	97
78) Pyrene	12.65	202	1419654	39.168	ng	100
80) Butylbenzylphthalate	13.27	149	643375	40.278	ng	96
81) Benzo(a)anthracene	13.83	228	1168002	39.012	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	316042	26.313	ng	99
83) Chrysene	13.87	228	1199730	39.451	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	777878	39.724	ng	99
85) Di-n-octyl phthalate	14.43	149	1386937	41.726	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	1330565	50.982	ng	99
88) Benzo(b)fluoranthene	14.85	252	1161581	42.683	ng	99
89) Benzo(k)fluoranthene	14.88	252	1145915	47.948	ng	98
90) Benzo(a)pyrene	15.19	252	1118585	46.363	ng	100
91) Dibenzo(a,h)anthracene	16.62	278	1111181	53.265	ng	99
92) Benzo(g,h,i)perylene	17.02	276	1168255	55.541	ng	99

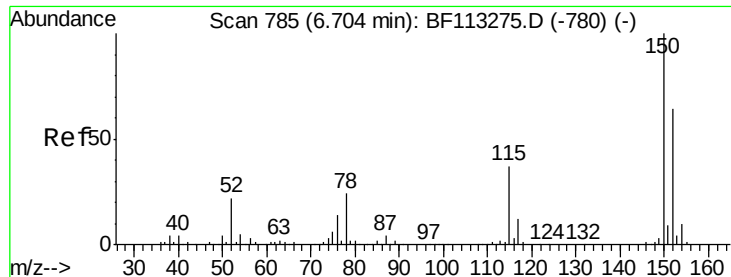
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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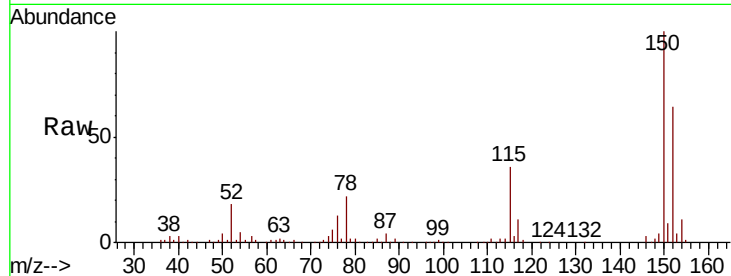


#1

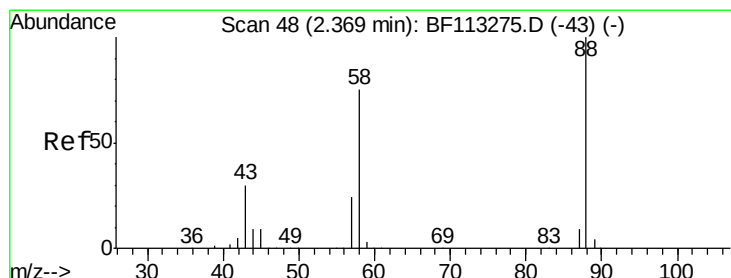
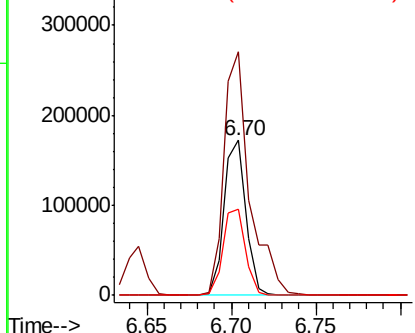
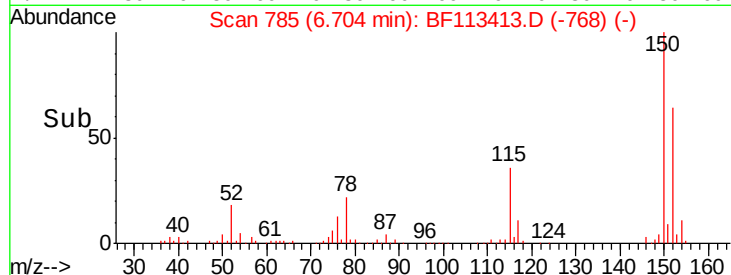
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:152 Resp: 155732
Ion Ratio Lower Upper
152 100
150 157.1 124.7 187.1
115 55.8 46.0 69.0



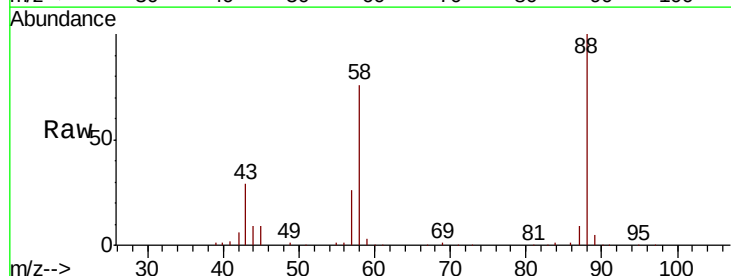
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



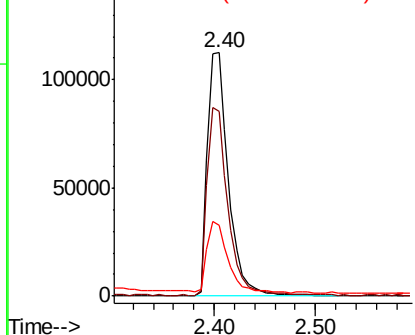
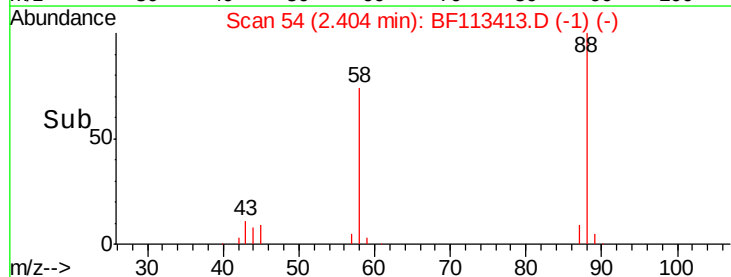
#2

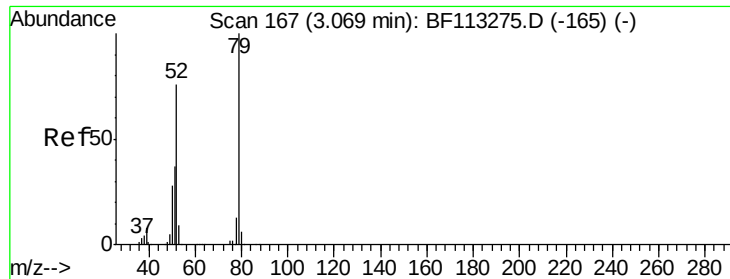
1,4-Dioxane
Concen: 33.407 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.04 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 88 Resp: 161434
Ion Ratio Lower Upper
88 100
58 75.5 61.9 92.9
43 29.2 24.2 36.4



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





#3

Pyridine

Concen: 30.380 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.06 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

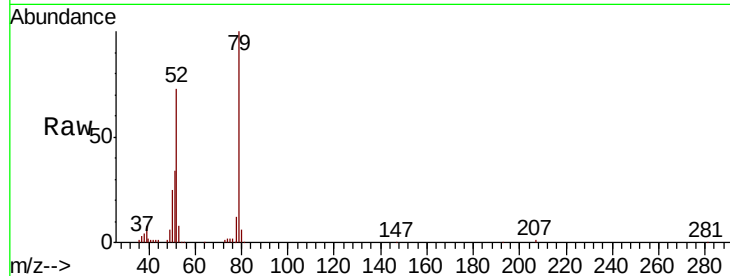
Tgt Ion: 79 Resp: 361906

Ion Ratio Lower Upper

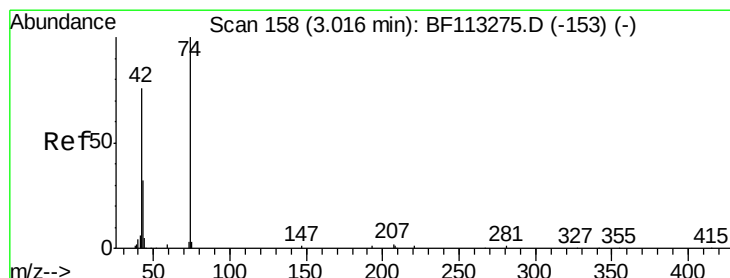
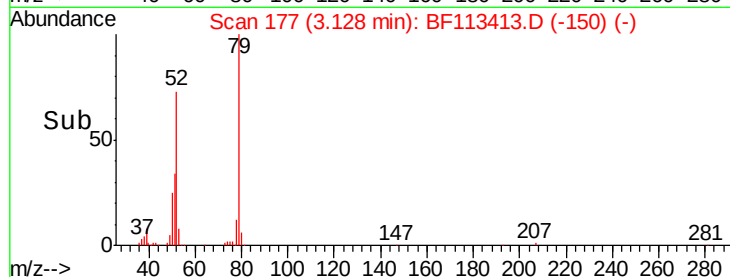
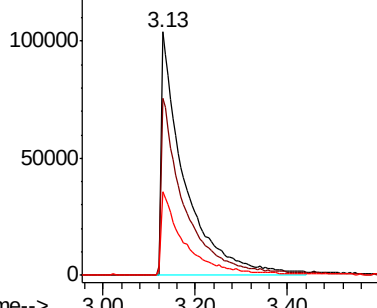
79 100

52 72.9 61.0 91.4

51 34.3 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: 33.969 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.03 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

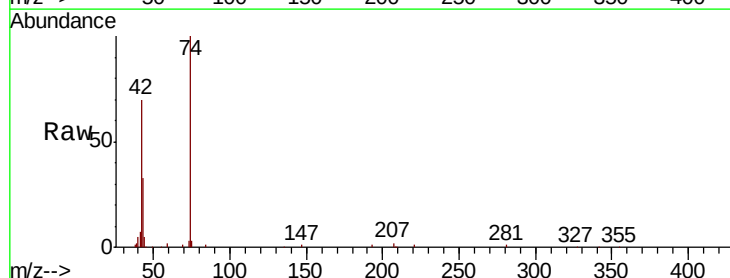
Tgt Ion: 42 Resp: 179897

Ion Ratio Lower Upper

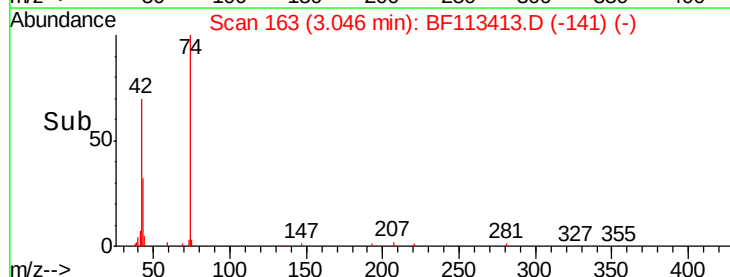
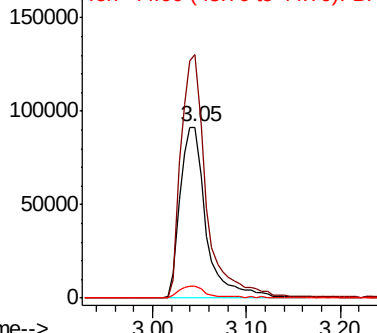
42 100

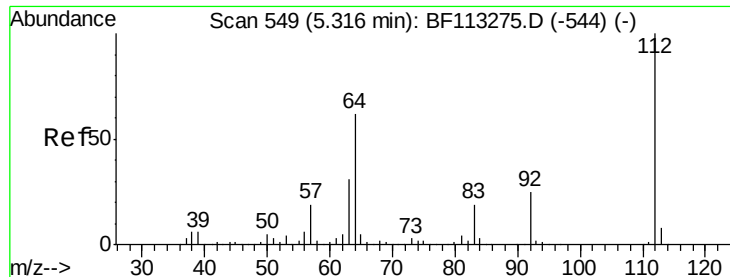
74 142.5 102.4 153.6

44 7.2 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: 115.204 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

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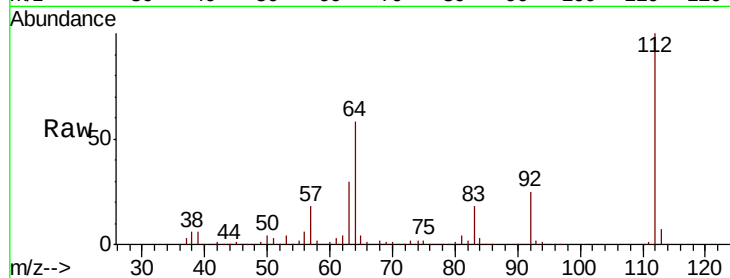
Tgt Ion: 112 Resp: 1097222

Ion Ratio Lower Upper

112 100

64 58.1 49.2 73.8

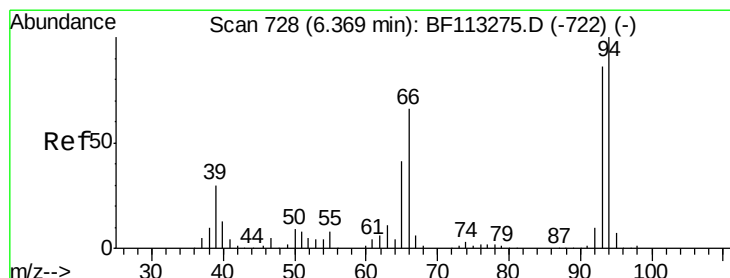
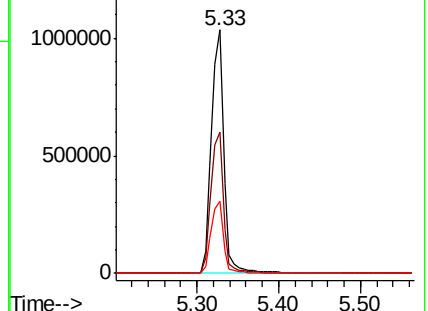
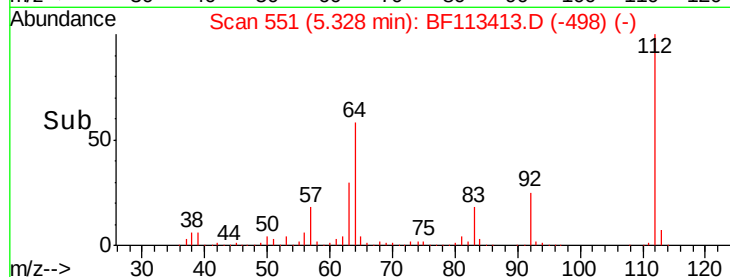
63 29.5 24.9 37.3



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: 24.895 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

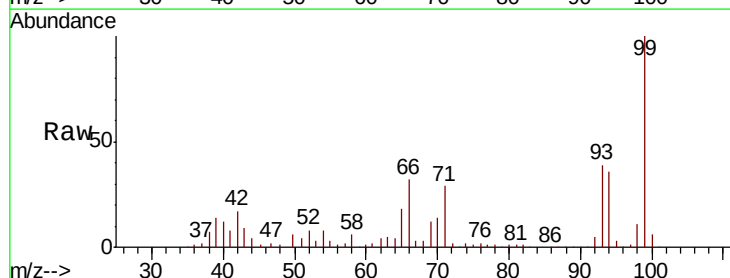
Tgt Ion: 93 Resp: 365266

Ion Ratio Lower Upper

93 100

66 81.0 62.1 93.1

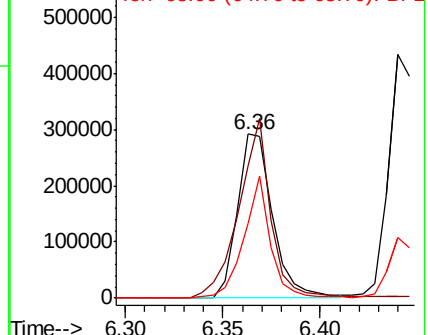
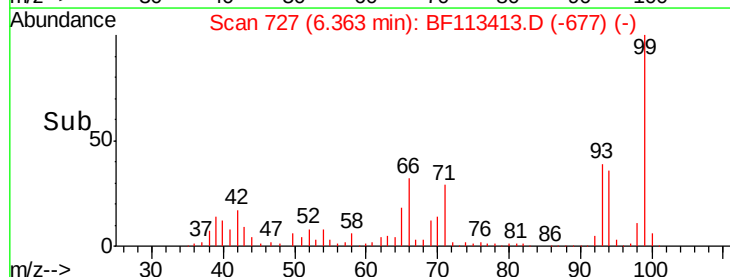
65 45.7 38.7 58.1

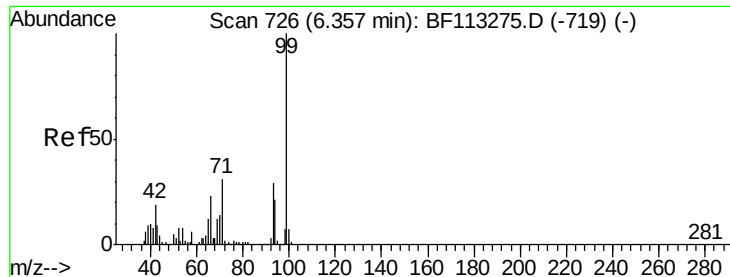


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.528 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

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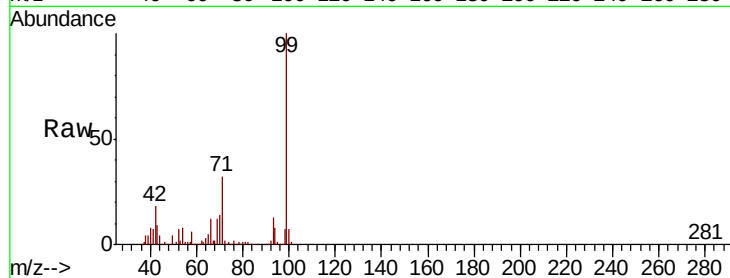
Tgt Ion: 99 Resp: 1379902

Ion Ratio Lower Upper

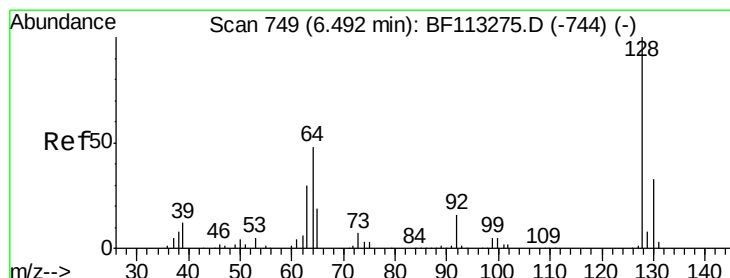
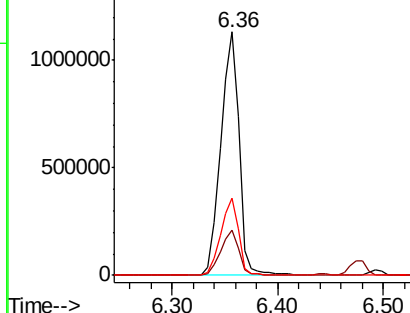
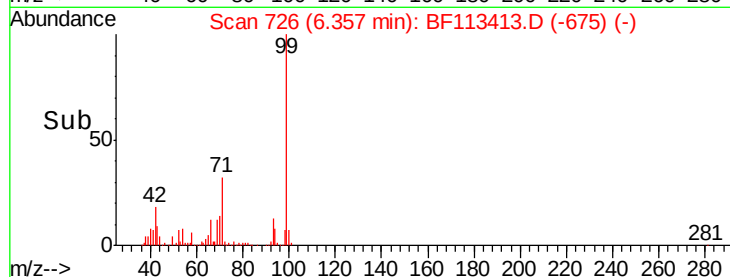
99 100

42 18.3 14.8 22.2

71 31.7 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: 37.929 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

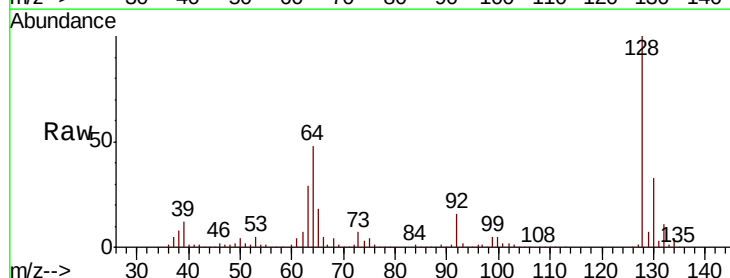
Tgt Ion: 128 Resp: 419502

Ion Ratio Lower Upper

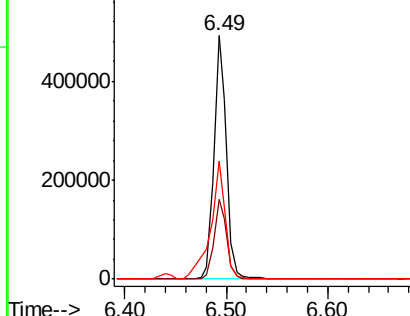
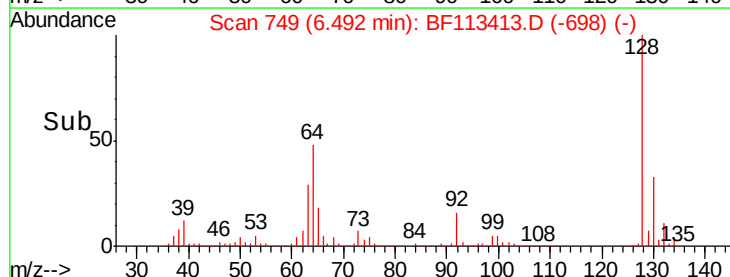
128 100

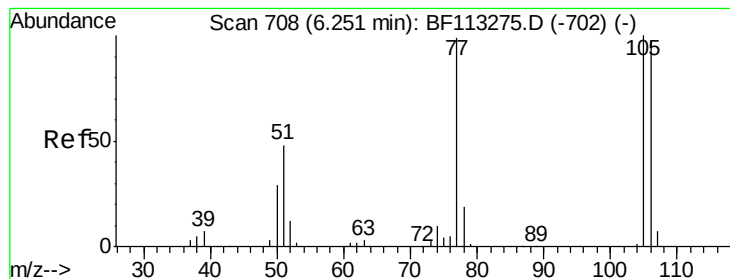
130 33.0 12.6 52.6

64 48.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.343 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

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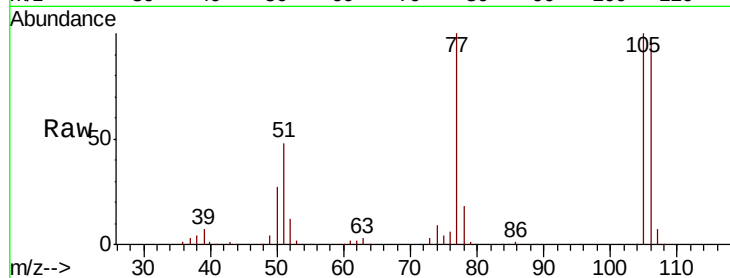
Tgt Ion: 77 Resp: 99796

Ion Ratio Lower Upper

77 100

105 99.9 80.9 120.9

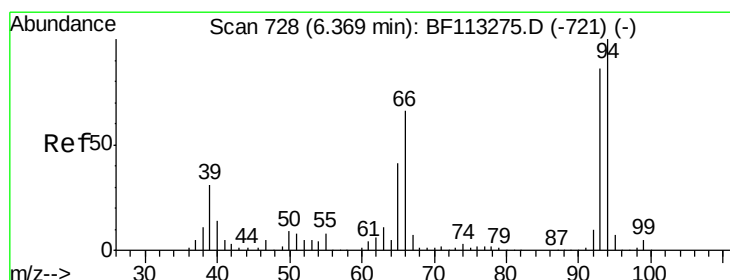
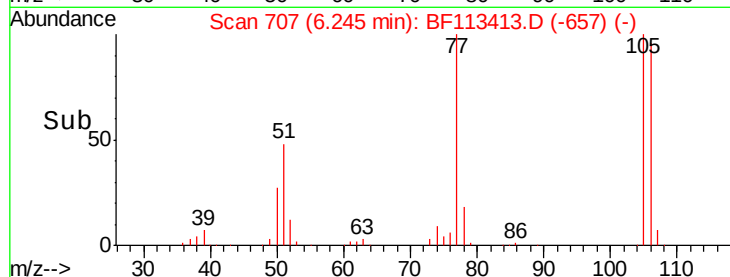
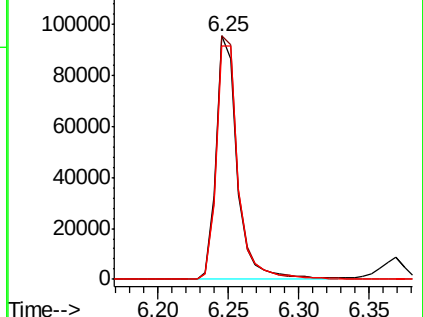
106 95.9 77.8 117.8



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: 36.748 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

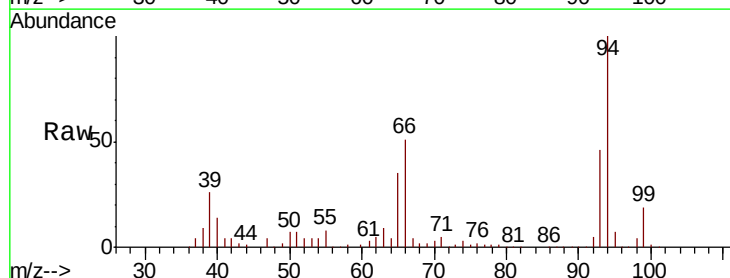
Tgt Ion: 94 Resp: 505475

Ion Ratio Lower Upper

94 100

65 34.7 21.4 61.4

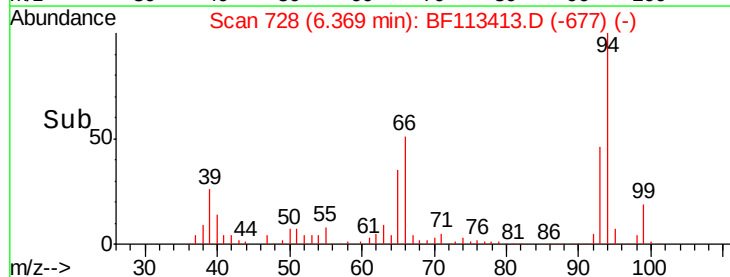
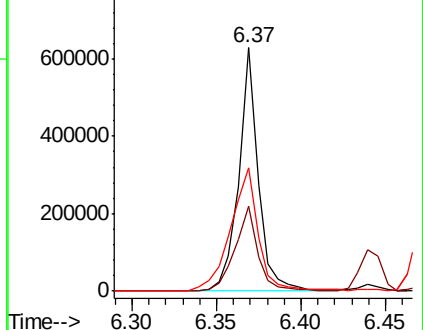
66 50.8 46.4 86.4

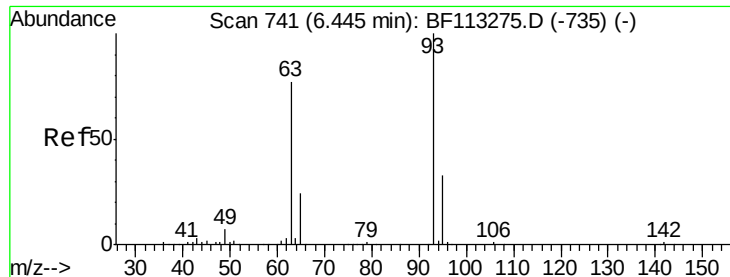


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

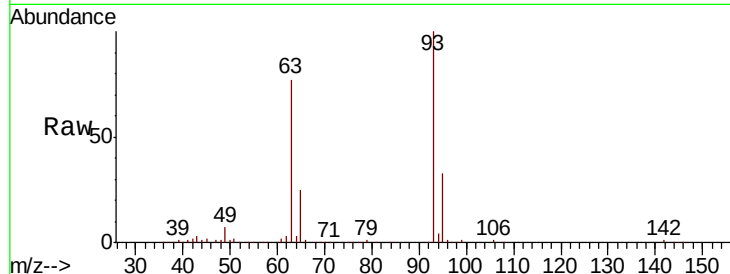




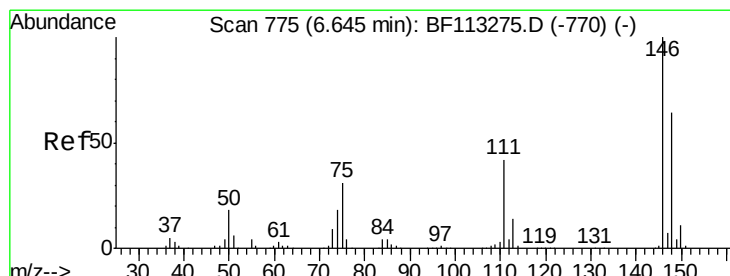
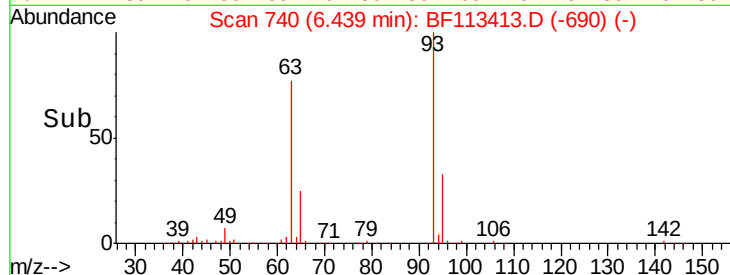
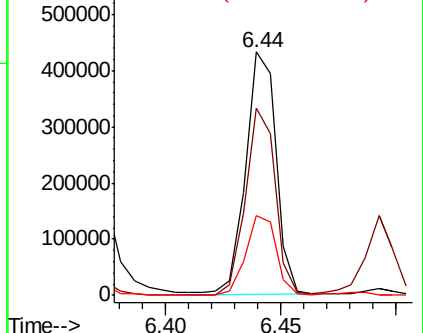
#11
bis(2-Chloroethyl)ether
Concen: 37.867 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion: 93 Resp: 399267
Ion Ratio Lower Upper
93 100
63 77.1 56.1 96.1
95 32.6 12.8 52.8

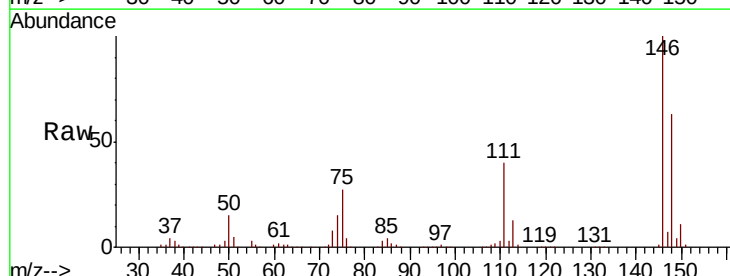


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

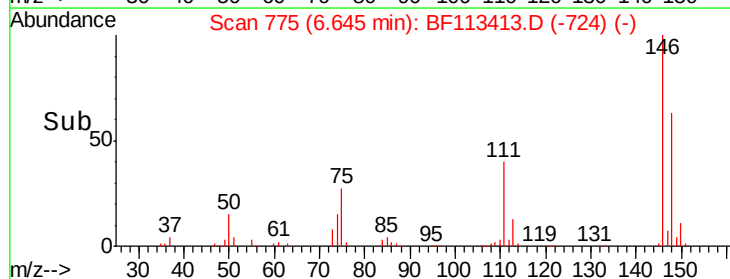
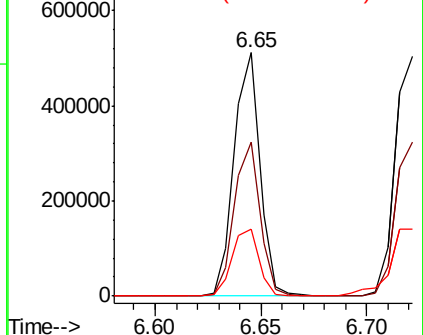


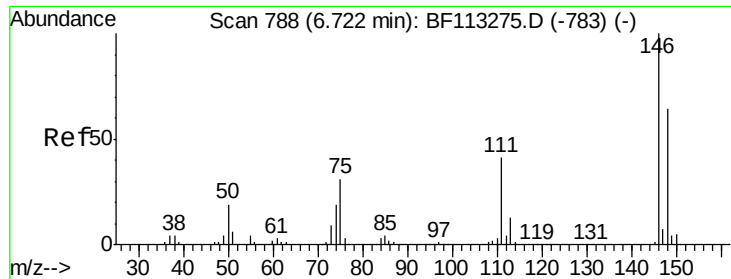
#12
1,3-Dichlorobenzene
Concen: 36.285 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 146 Resp: 432588
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.0
75 27.5 24.8 37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

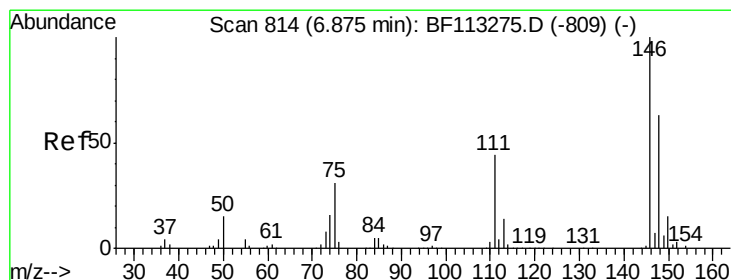
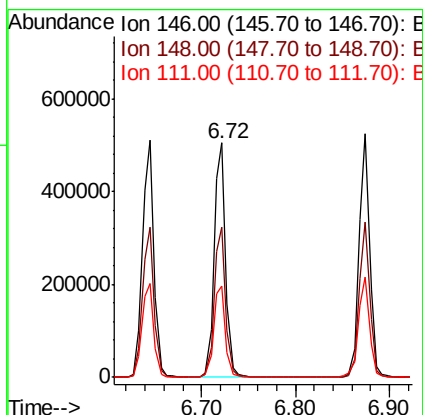
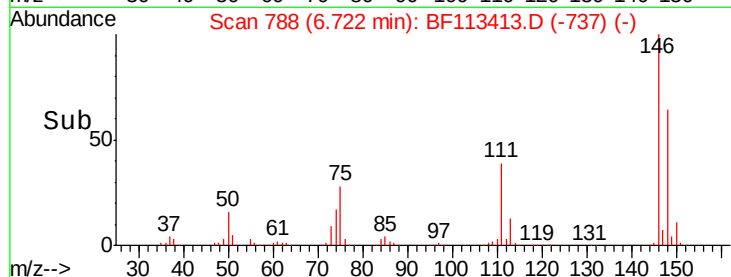
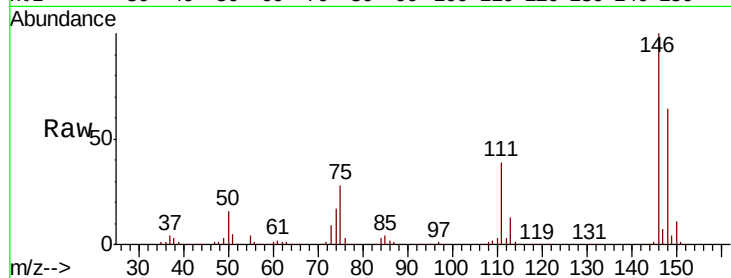




#13
 1,4-Dichlorobenzene
 Concen: 38.303 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

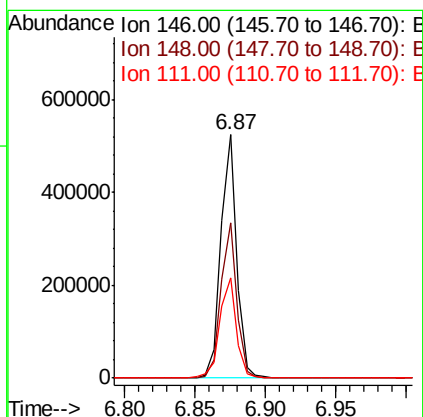
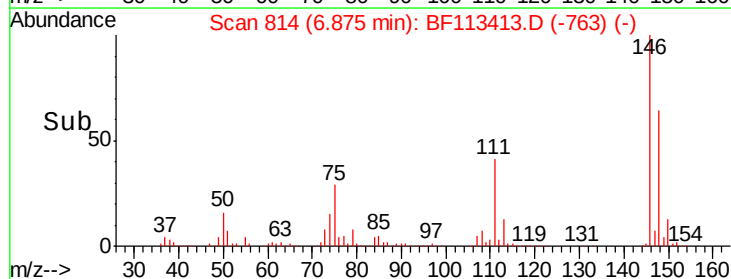
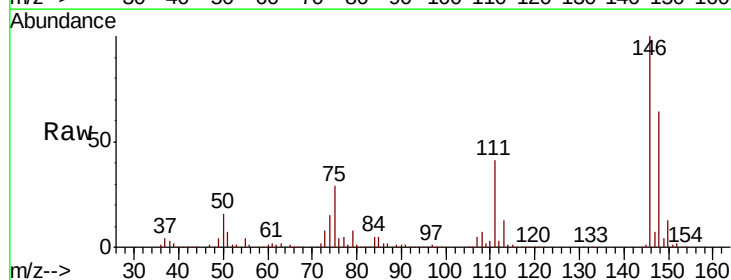
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

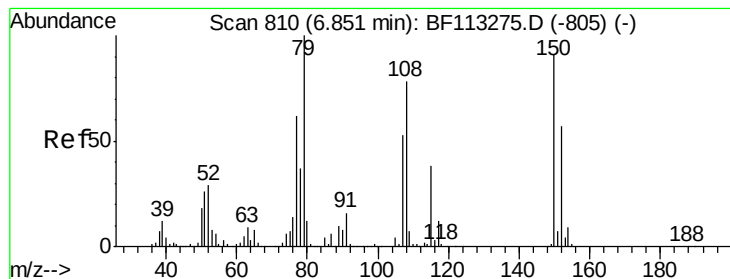
Tgt Ion:146 Resp: 440905
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 38.7 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 36.074 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:146 Resp: 408524
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.2 75.4
 111 41.2 35.4 53.2





#15

Benzyl Alcohol

Concen: 40.781 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

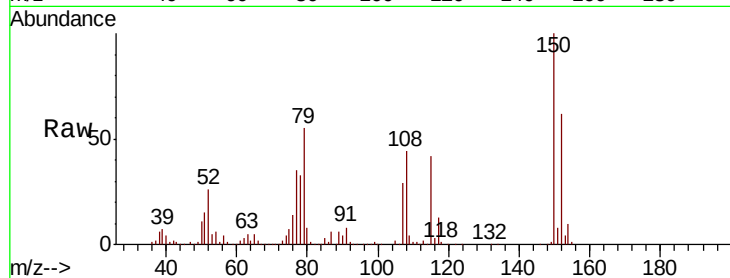
Tgt Ion: 79 Resp: 324150

Ion Ratio Lower Upper

79 100

108 79.2 62.0 93.0

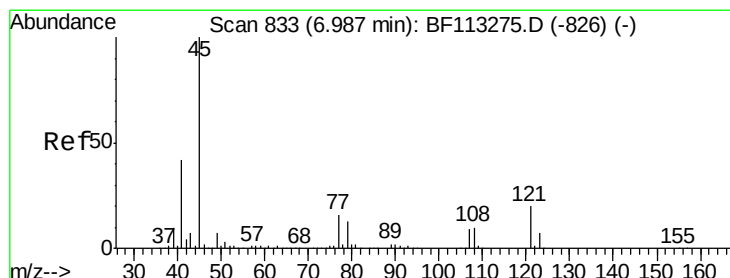
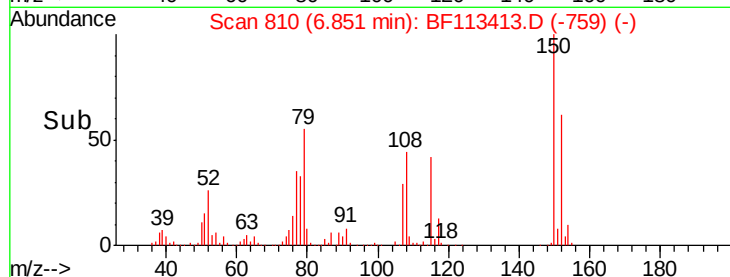
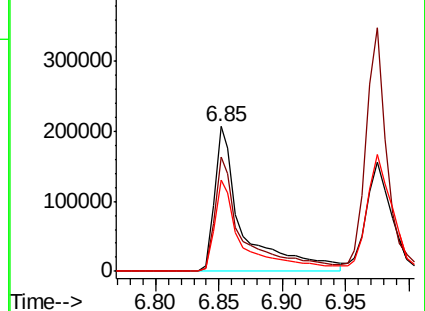
77 63.3 49.9 74.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.051 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

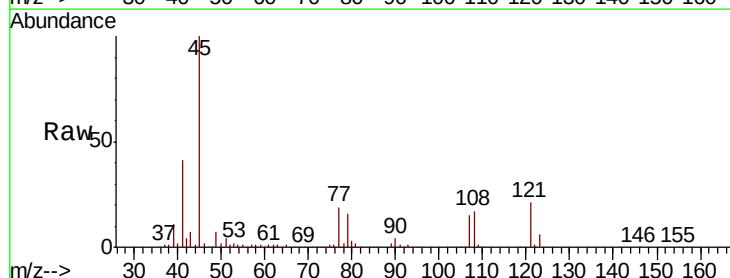
Tgt Ion: 45 Resp: 618551

Ion Ratio Lower Upper

45 100

77 18.9 0.0 36.6

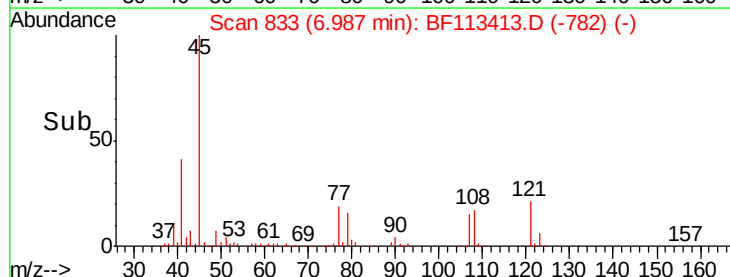
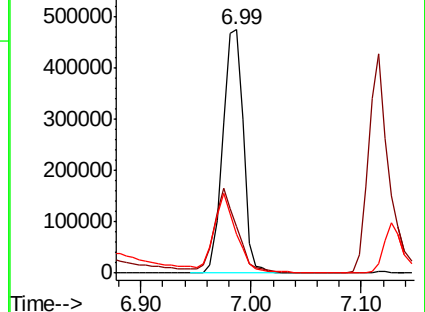
79 15.9 0.0 34.0

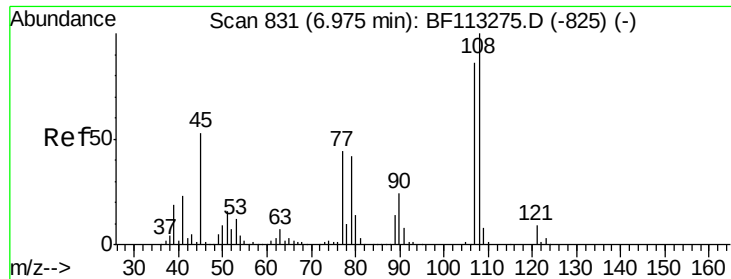


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

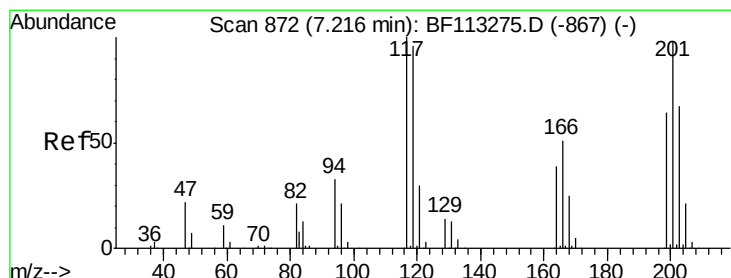
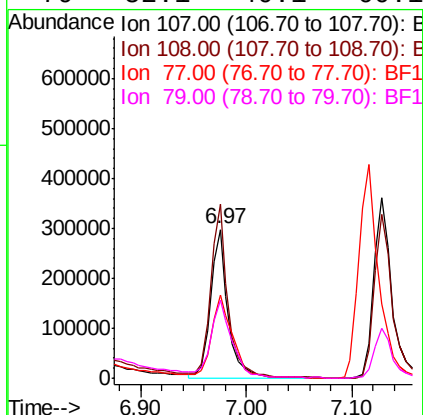
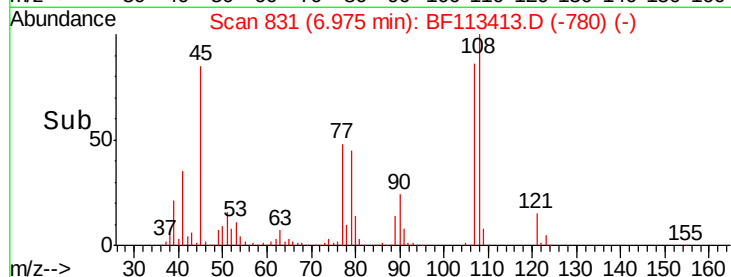
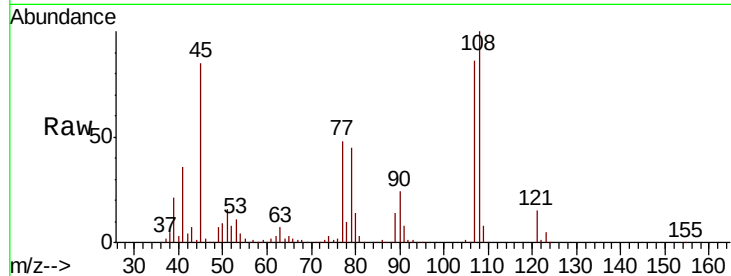




#17
2-Methylphenol
Concen: 39.838 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

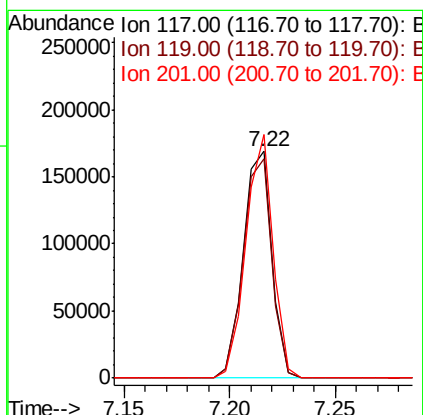
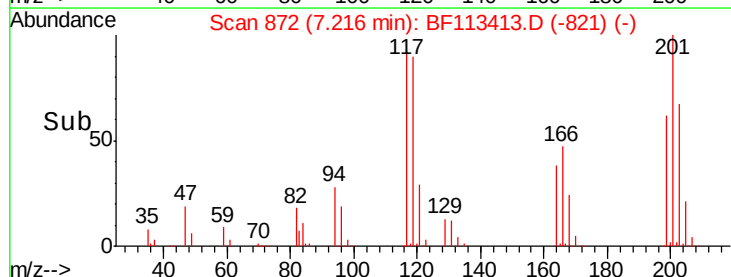
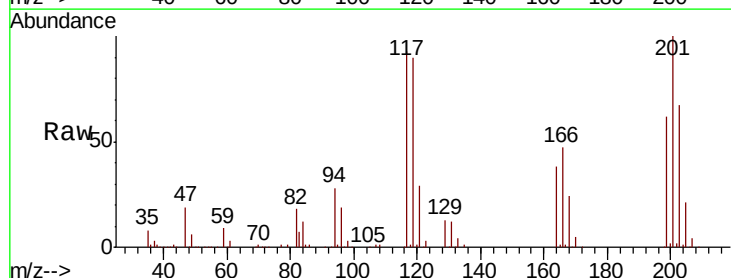
Instrument :
BNA_F
ClientSampleId :
PB118222BS

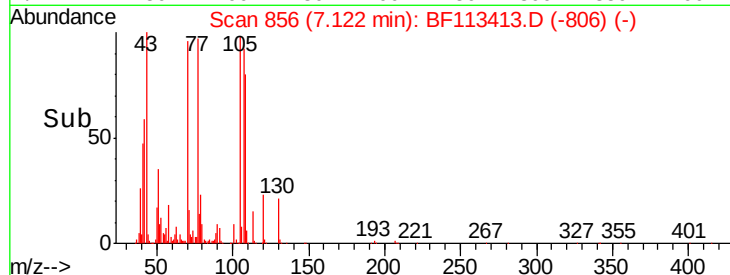
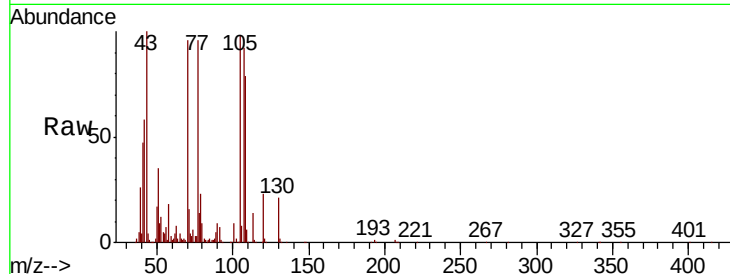
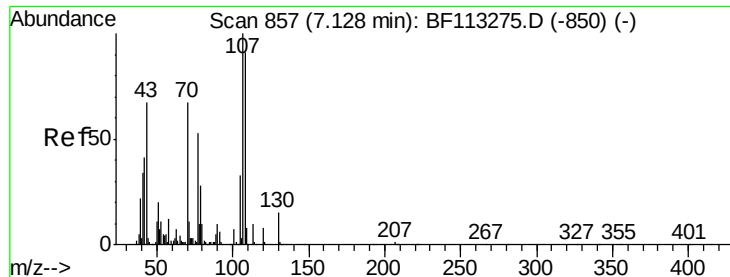
Tgt Ion:107 Resp: 345299
Ion Ratio Lower Upper
107 100
108 116.9 93.4 140.0
77 55.8 41.2 61.8
79 52.1 40.1 60.1



#18
Hexachloroethane
Concen: 38.433 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:117 Resp: 158901
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 107.4 78.7 118.1

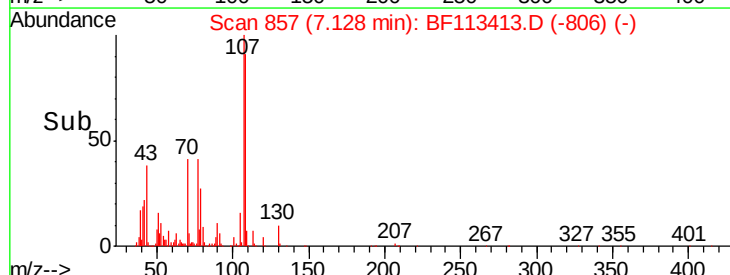
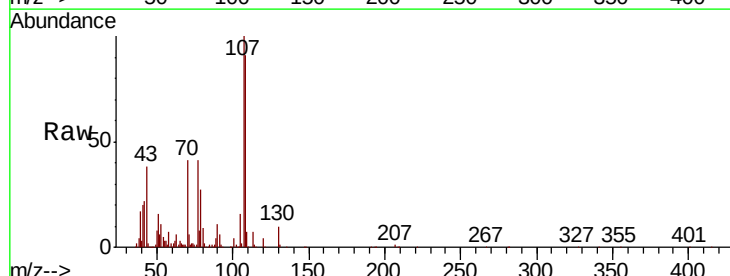
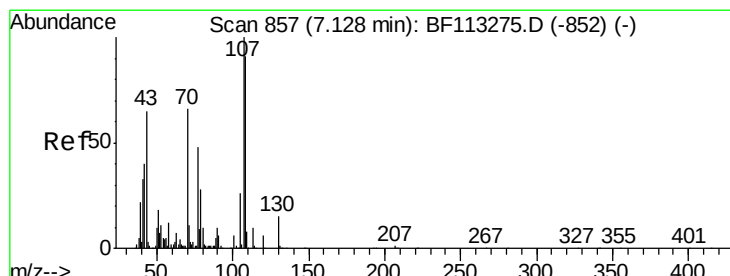
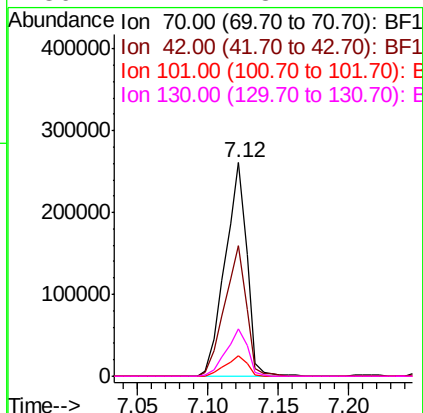




#19
n-Nitroso-di-n-propylamine
Concen: 37.048 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

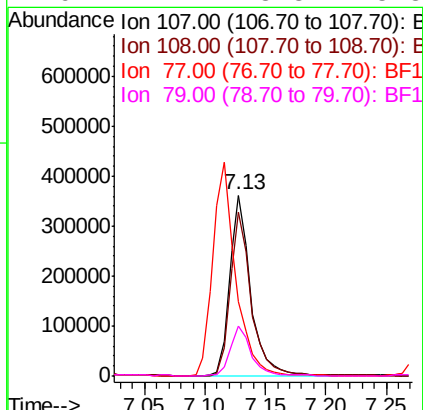
Instrument :
BNA_F
ClientSampleId :
PB118222BS

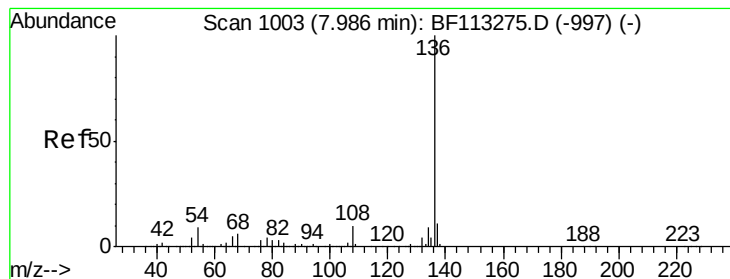
Tgt Ion:	70	Resp:	280389
Ion	Ratio	Lower	Upper
70	100		
42	61.1	48.4	72.6
101	9.5	7.8	11.8
130	22.1	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.890 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:	107	Resp:	430503
Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	41.4	33.5	73.5
79	27.4	8.3	48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

Tgt Ion:136 Resp: 610721

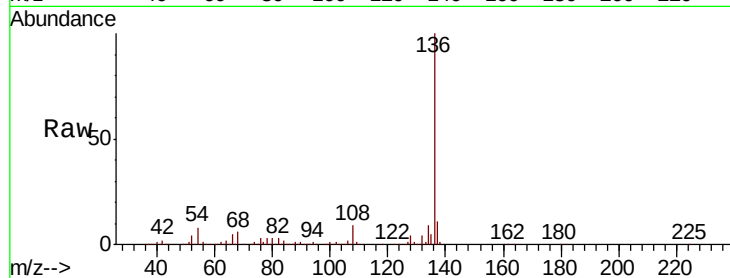
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.9 7.0 10.6

68 6.0 4.8 7.2

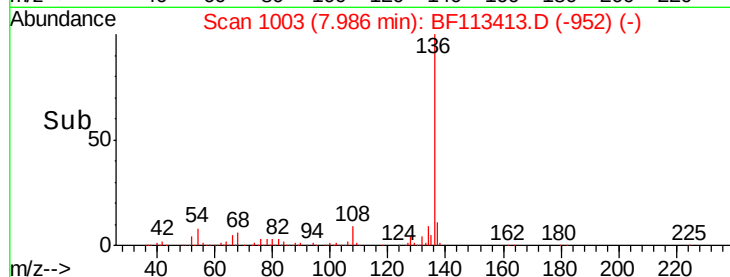


Abundance Ion 136.00 (135.70 to 136.70): E

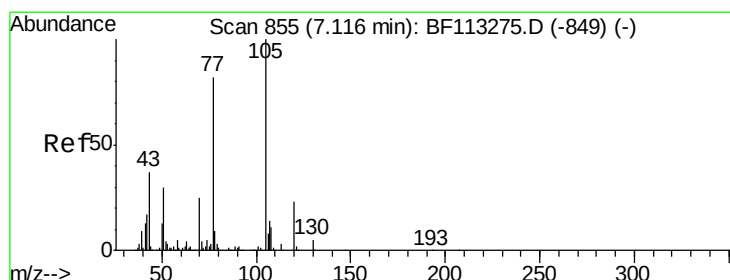
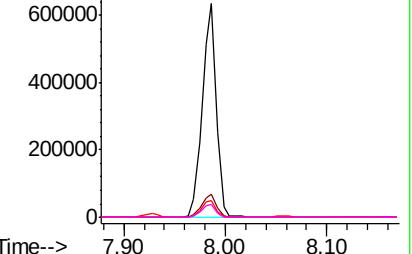
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 40.440 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Tgt Ion:105 Resp: 563233

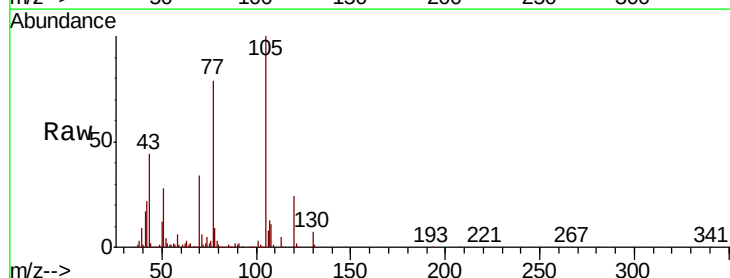
Ion Ratio Lower Upper

105 100

71 5.6 3.3 4.9#

51 28.0 24.2 36.2

120 23.6 18.1 27.1

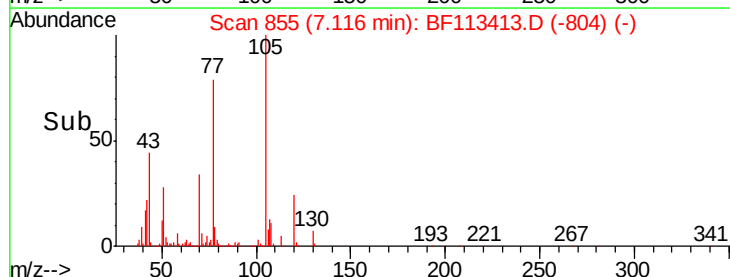


Abundance Ion 105.00 (104.70 to 105.70): E

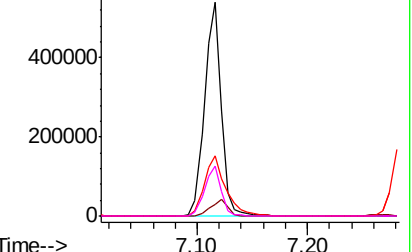
Ion 71.00 (70.70 to 71.70): BF1

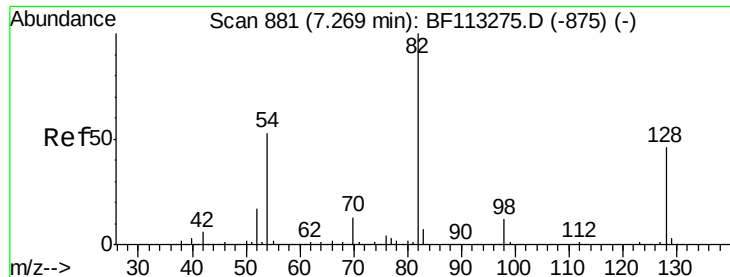
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

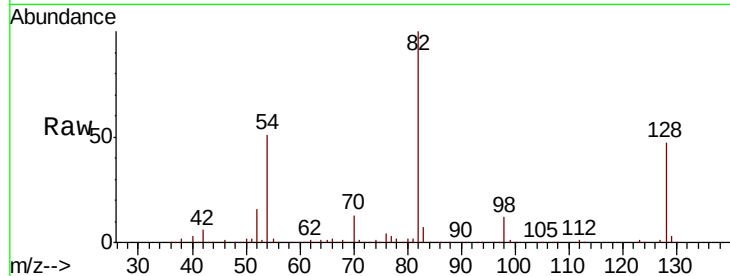




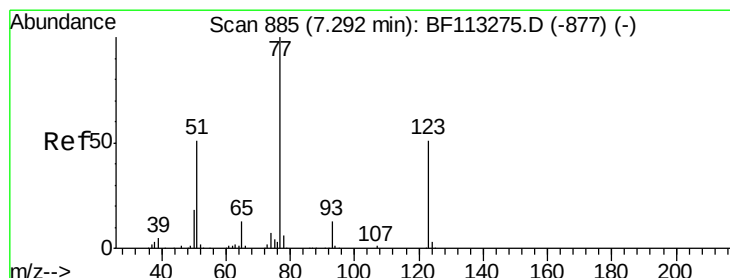
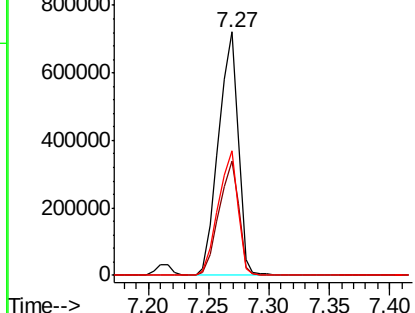
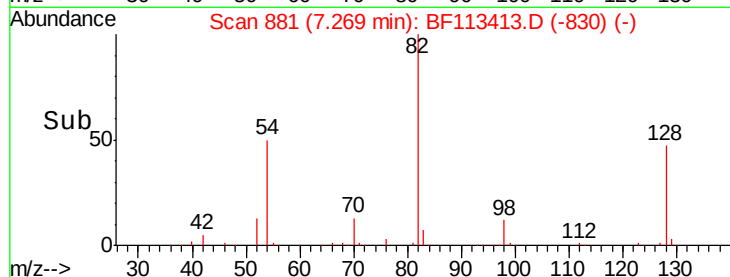
#23
 Nitrobenzene-d5
 Concen: 79.328 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Instrument :
 BNA_F
 ClientSampleID :
 PB118222BS

Tgt Ion: 82 Resp: 816242
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 51.4 42.2 63.2

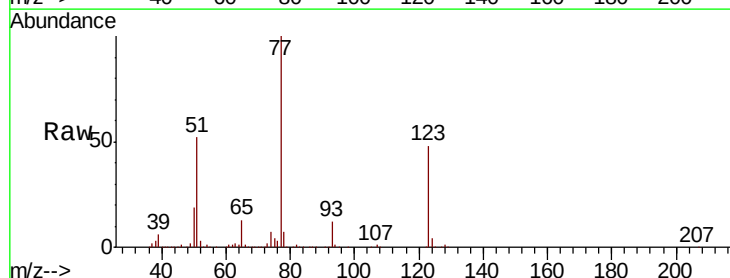


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

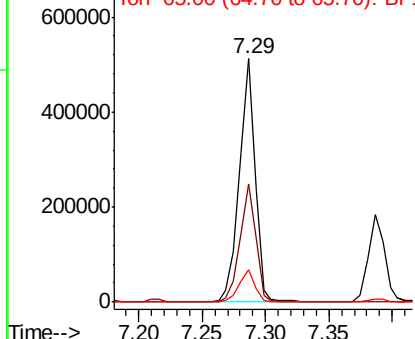
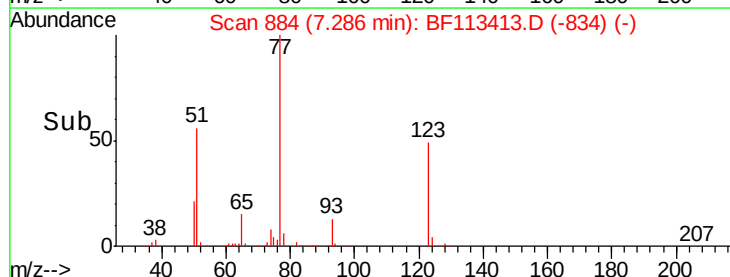


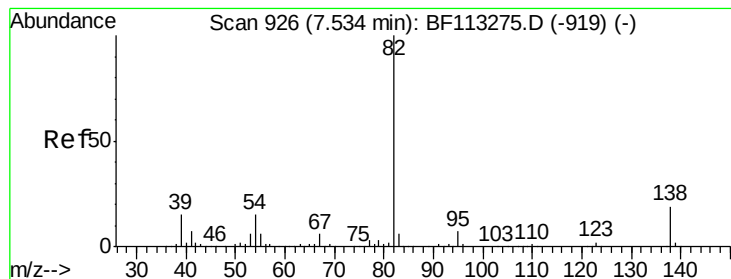
#24
 Nitrobenzene
 Concen: 40.693 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion: 77 Resp: 436933
 Ion Ratio Lower Upper
 77 100
 123 48.3 40.8 61.2
 65 13.4 10.6 16.0



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





#25

Isophorone

Concen: 40.442 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

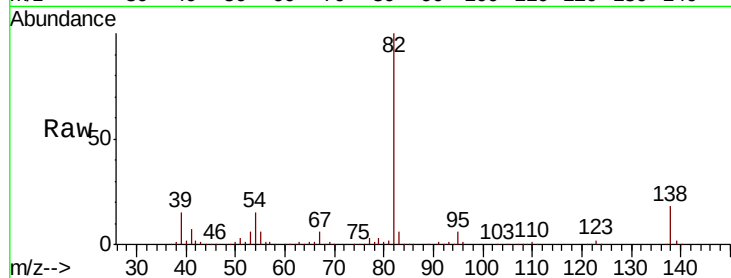
Tgt Ion: 82 Resp: 806430

Ion Ratio Lower Upper

82 100

95 6.5 5.5 8.3

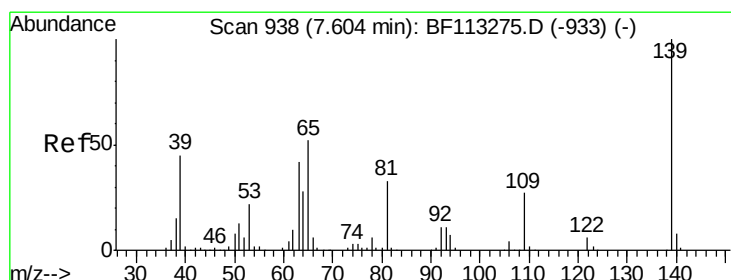
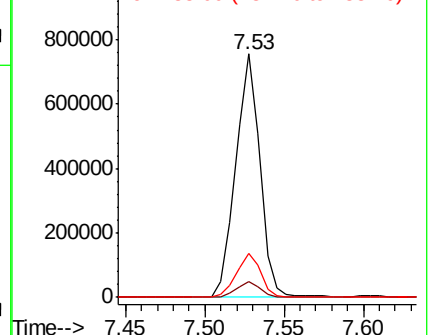
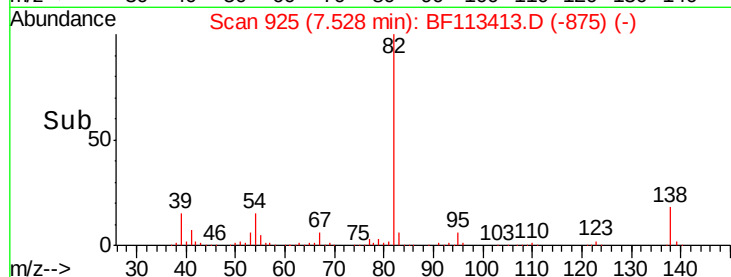
138 17.9 15.2 22.8



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: 39.632 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

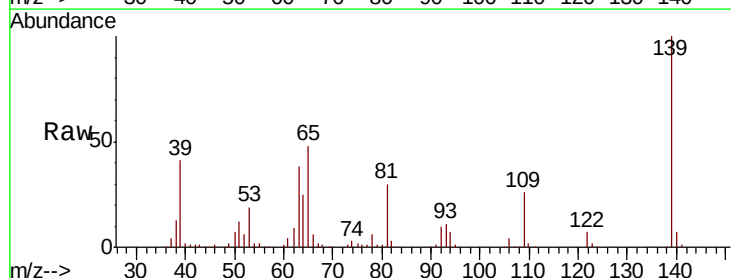
Tgt Ion: 139 Resp: 224928

Ion Ratio Lower Upper

139 100

109 25.9 21.7 32.5

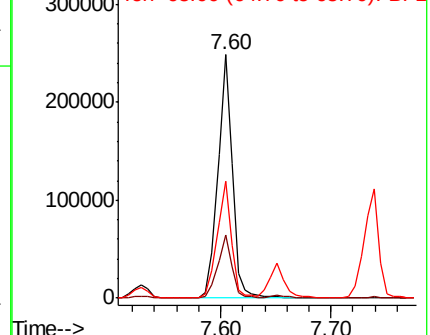
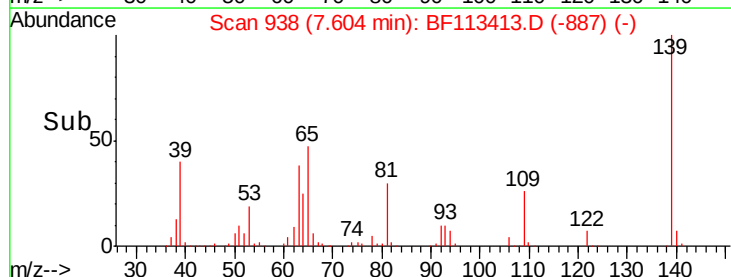
65 47.8 41.6 62.4

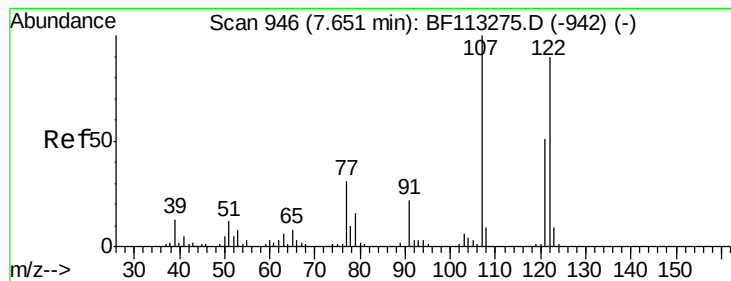


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.897 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

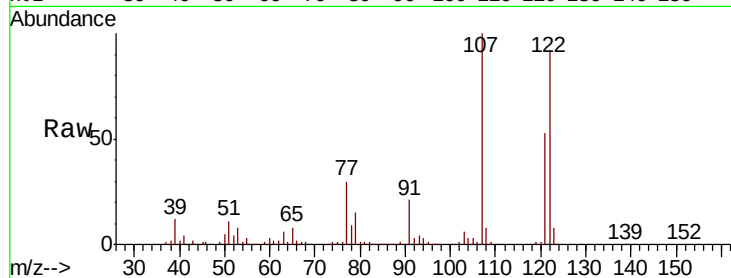
Tgt Ion:122 Resp: 382868

Ion Ratio Lower Upper

122 100

107 109.1 88.8 133.2

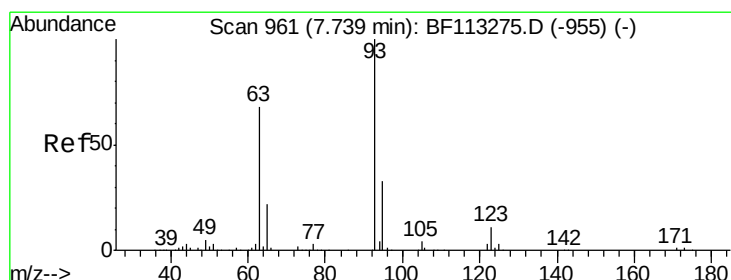
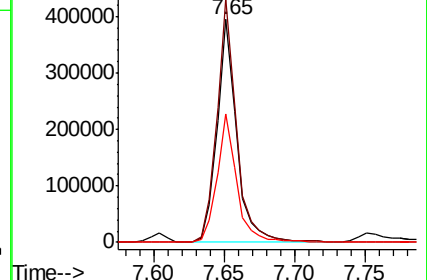
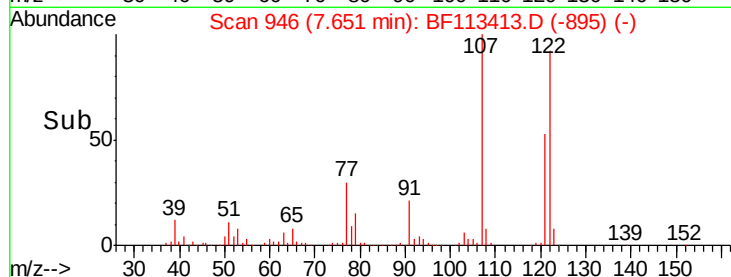
121 57.4 45.5 68.3



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: 40.328 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

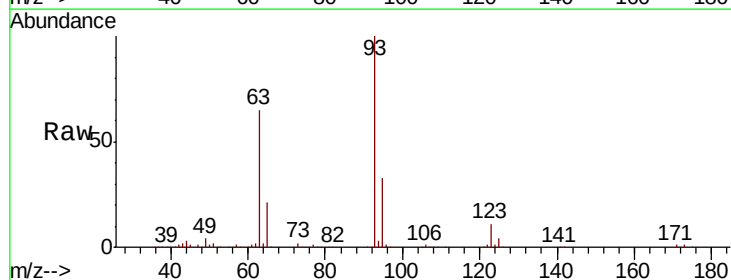
Tgt Ion: 93 Resp: 506414

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

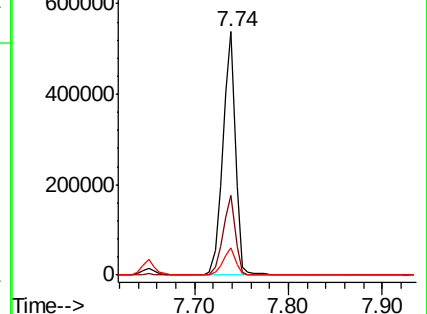
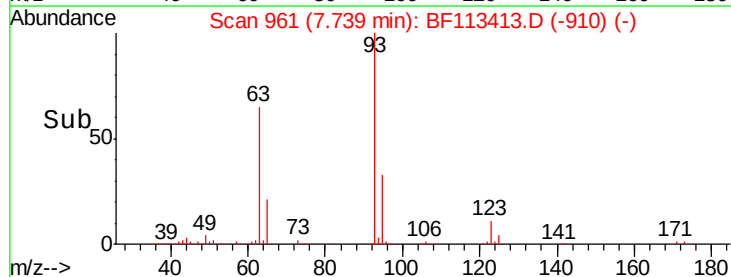
123 11.2 9.1 13.7

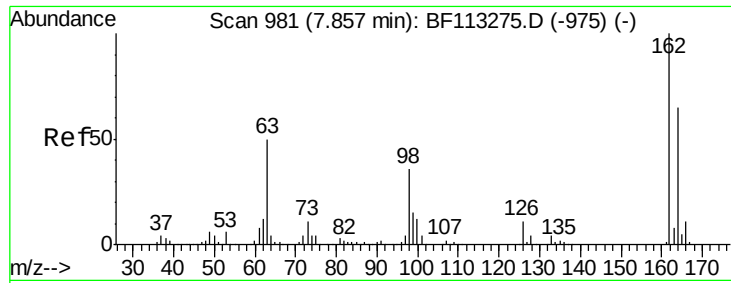


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

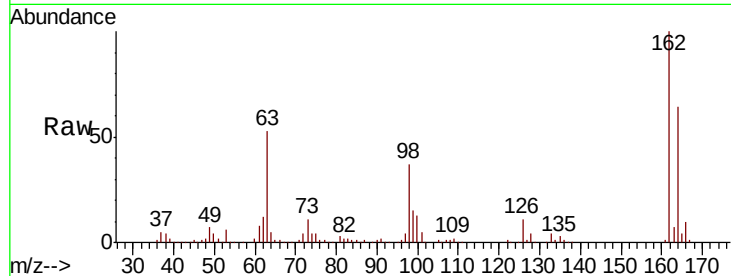




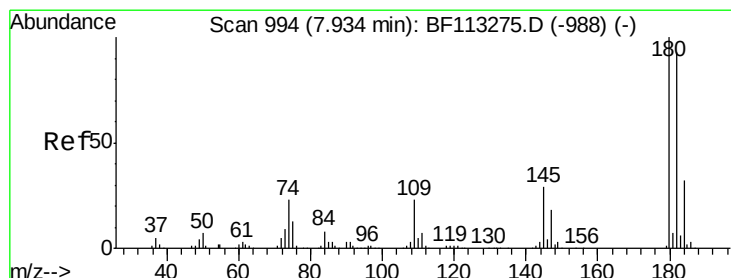
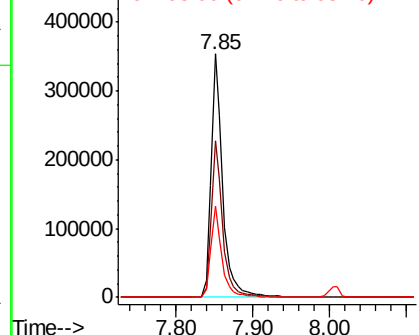
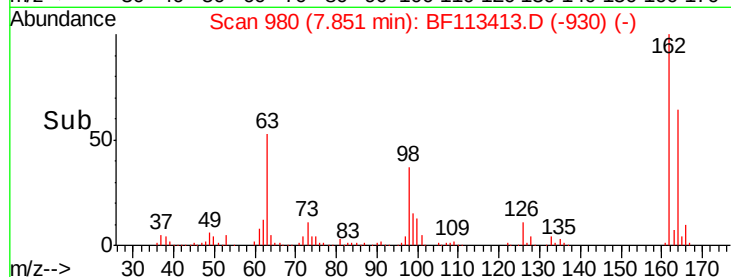
#29
2,4-Dichlorophenol
Concen: 41.564 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	37.5	15.6	55.6

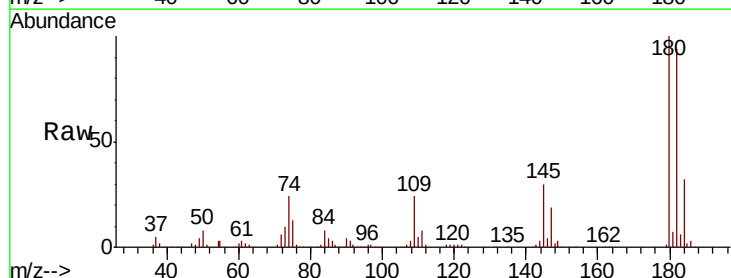


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

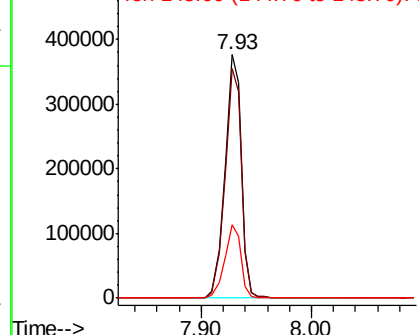
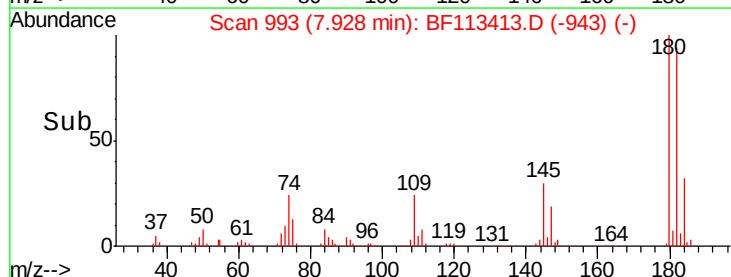


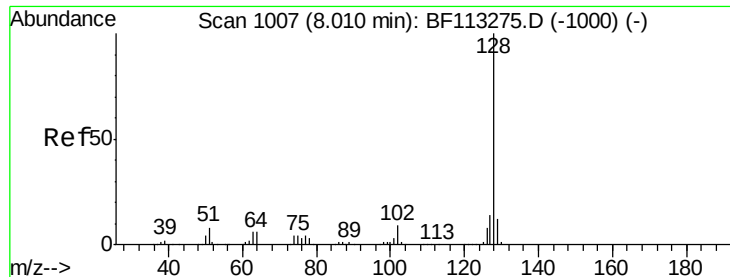
#30
1,2,4-Trichlorobenzene
Concen: 40.795 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	111.8
145	30.2	23.4	35.0



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

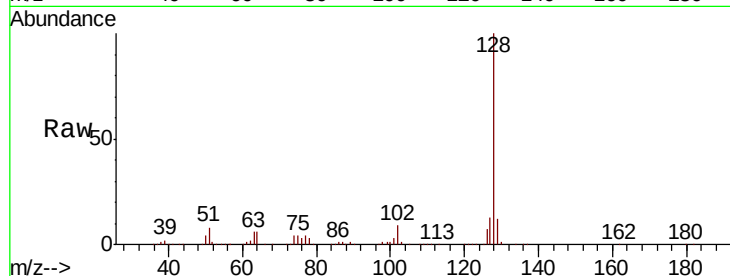




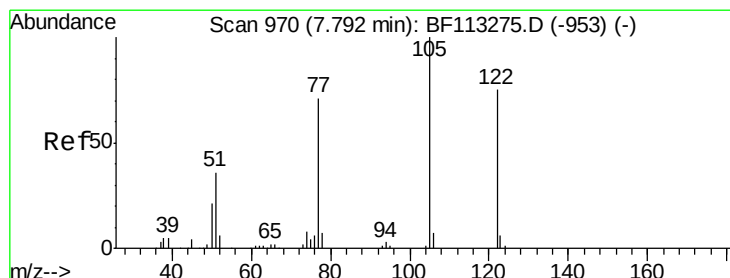
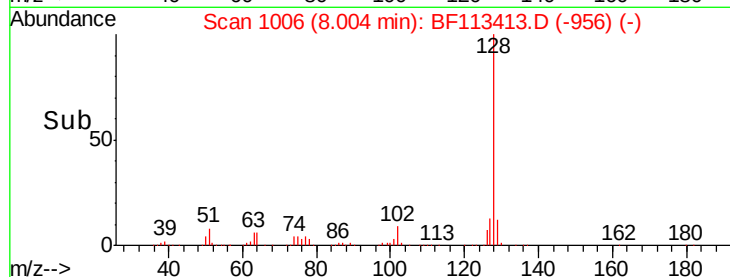
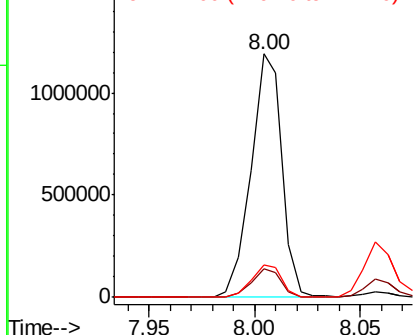
#31
Naphthalene
Concen: 40.658 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:128 Resp: 1213410
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.9 16.3

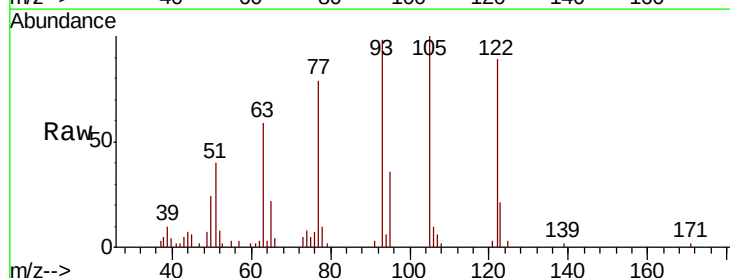


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

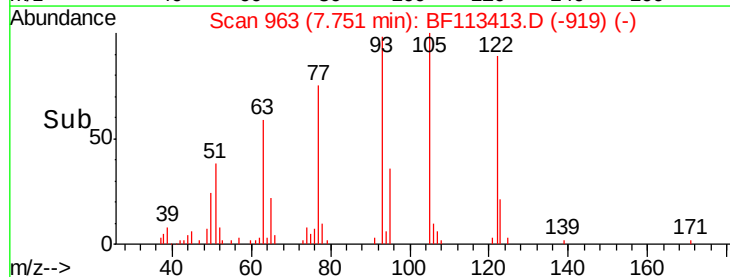
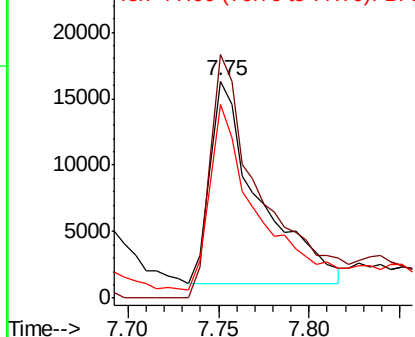


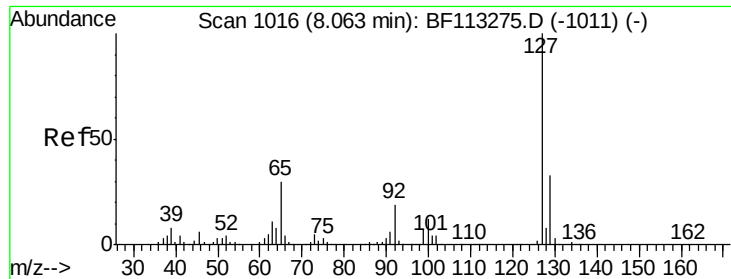
#32
Benzoic acid
Concen: 4.339 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:122 Resp: 28513
Ion Ratio Lower Upper
122 100
105 112.3 100.4 140.4
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

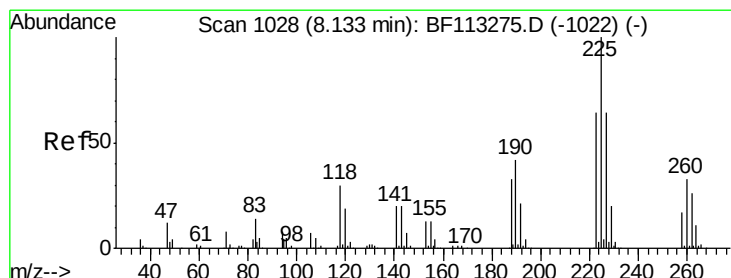
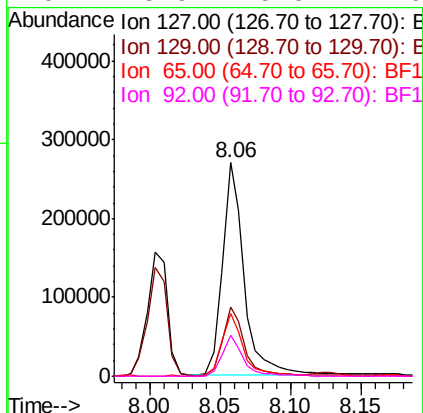
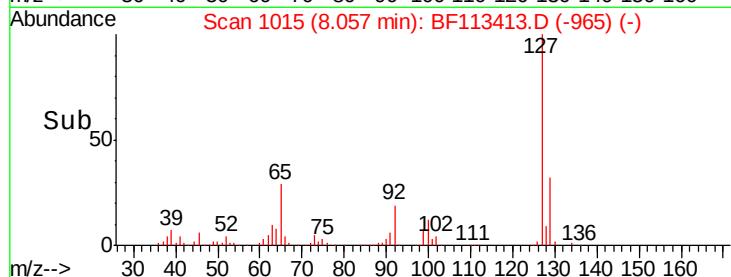
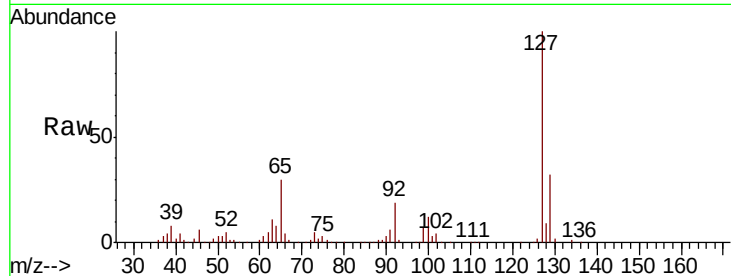




#33
4-Chloroaniline
Concen: 24.921 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

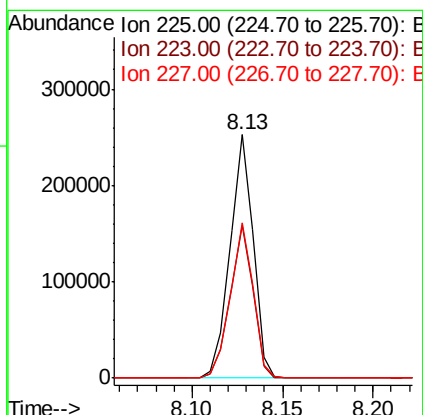
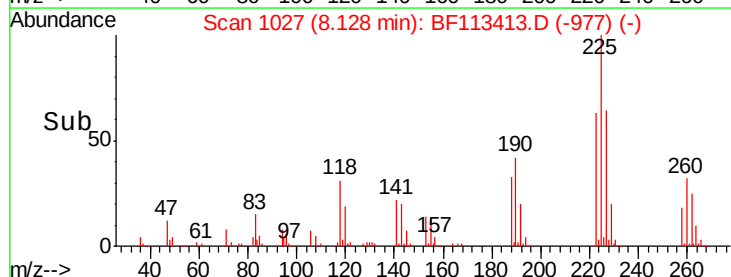
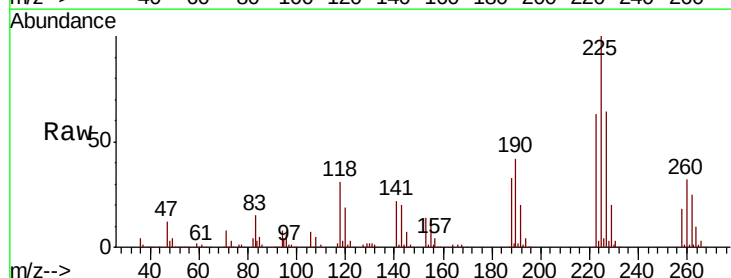
Instrument :
BNA_F
ClientSampleId :
PB118222BS

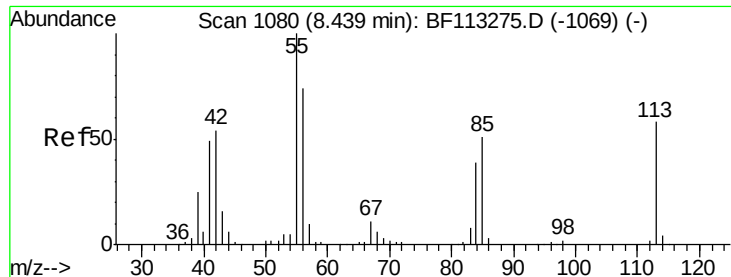
Tgt Ion:	127	Resp:	290026
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	29.6	24.2	36.4
92	18.9	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.708 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:	225	Resp:	225273
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	64.0	51.1	76.7

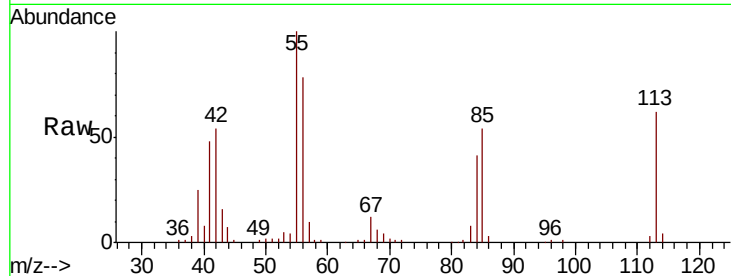




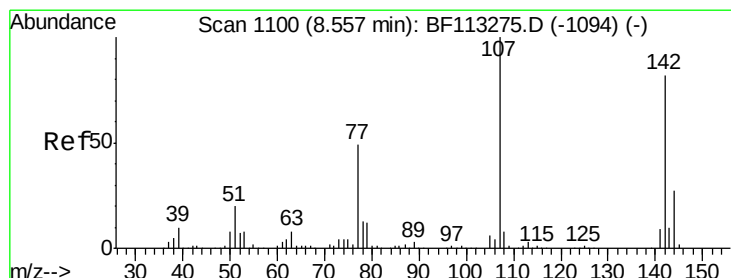
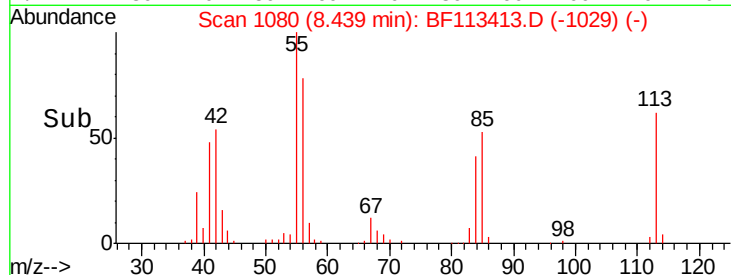
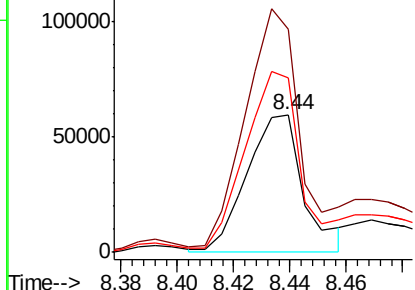
#35
 Caprolactam
 Concen: 29.269 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:113 Resp: 83107
 Ion Ratio Lower Upper
 113 100
 55 162.2 152.7 192.7
 56 126.6 108.3 148.3

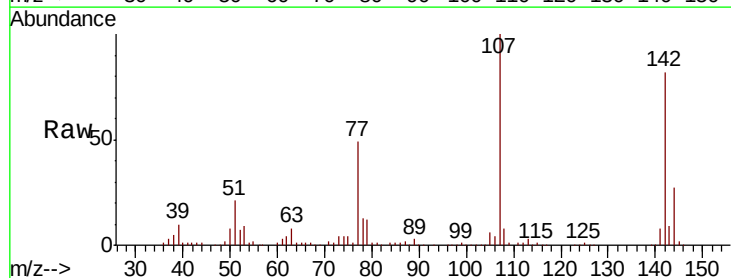


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

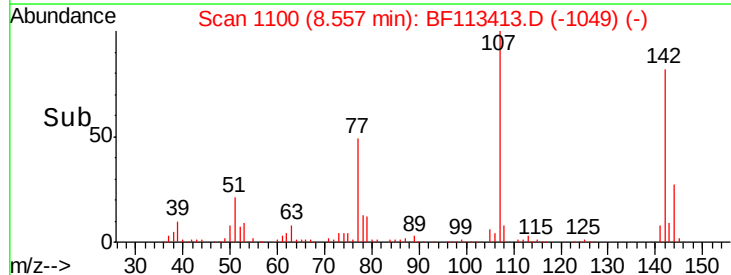
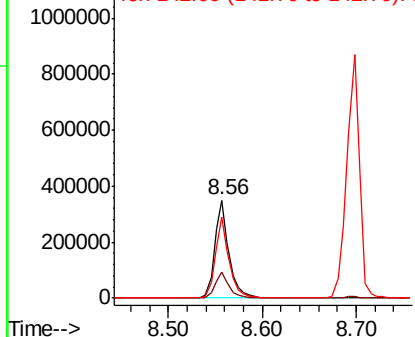


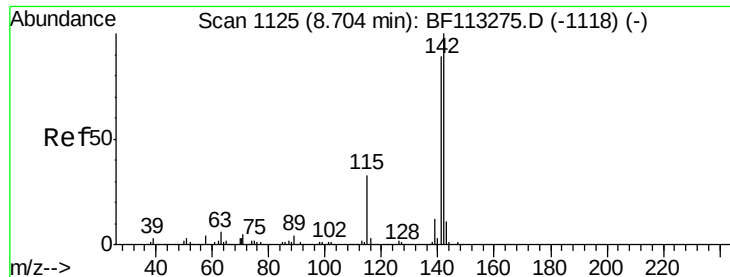
#36
 4-Chloro-3-methylphenol
 Concen: 41.613 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:107 Resp: 370297
 Ion Ratio Lower Upper
 107 100
 144 26.5 21.4 32.0
 142 82.1 65.6 98.4



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

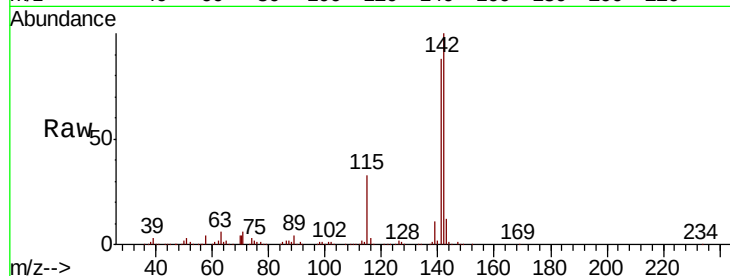




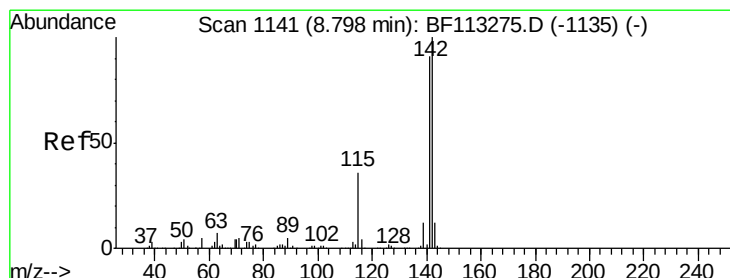
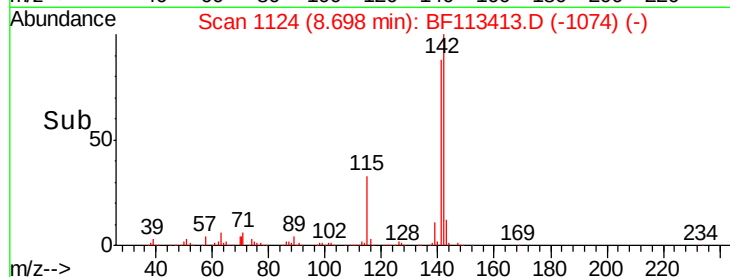
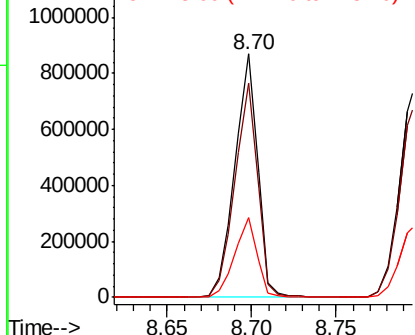
#37
2-Methylnaphthalene
Concen: 43.815 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:142 Resp: 815925
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6
115 32.8 26.6 39.8

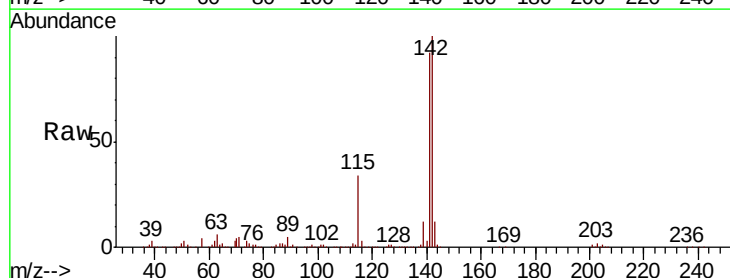


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

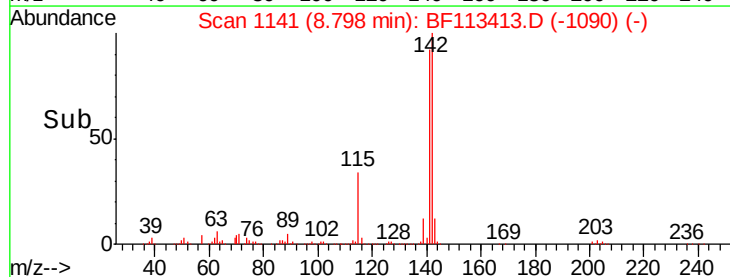
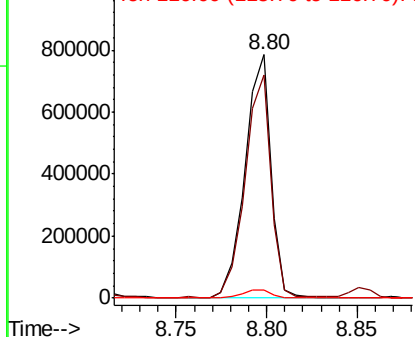


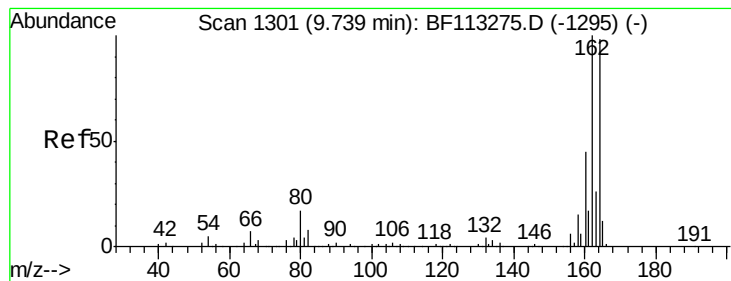
#38
1-Methylnaphthalene
Concen: 43.191 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:142 Resp: 773632
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8
116 3.4 3.0 4.4



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

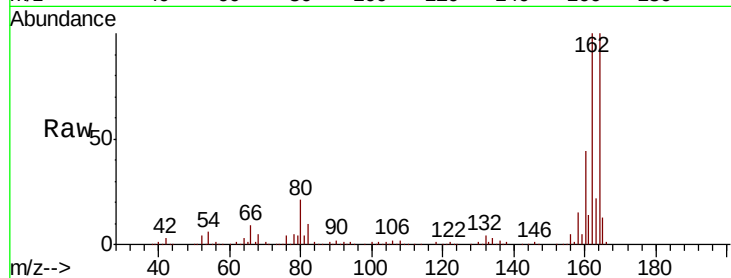
Tgt Ion:164 Resp: 304028

Ion Ratio Lower Upper

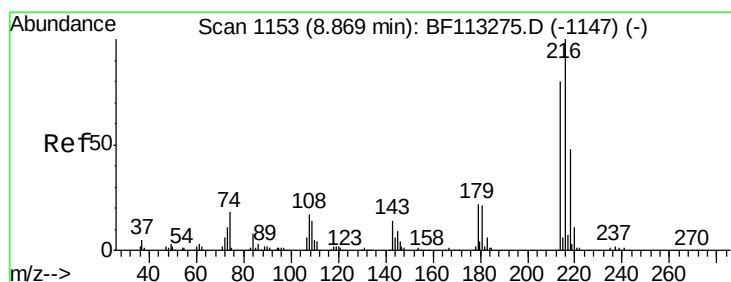
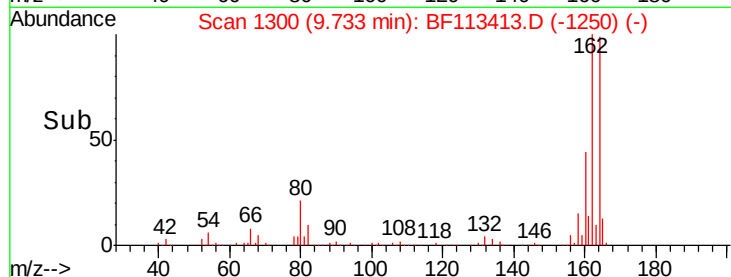
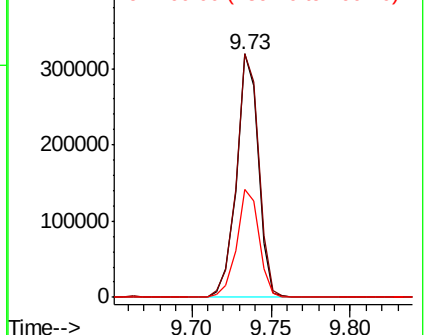
164 100

162 100.1 81.8 122.6

160 44.3 36.4 54.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.845 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Tgt Ion:216 Resp: 379092

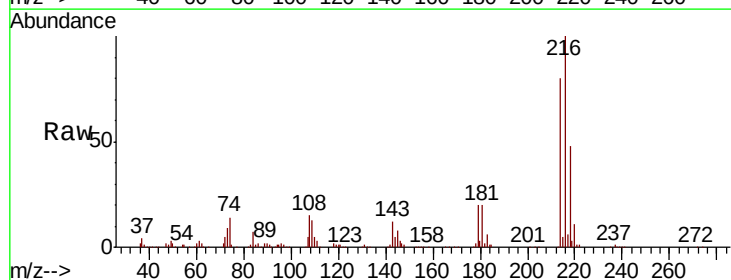
Ion Ratio Lower Upper

216 100

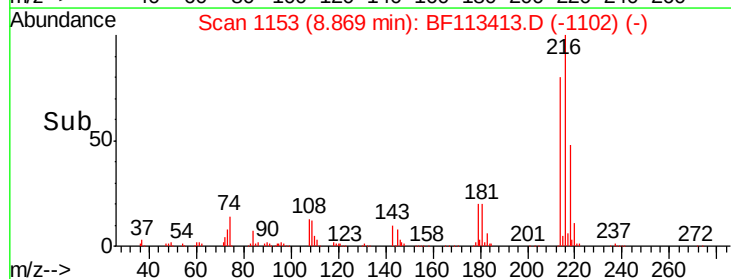
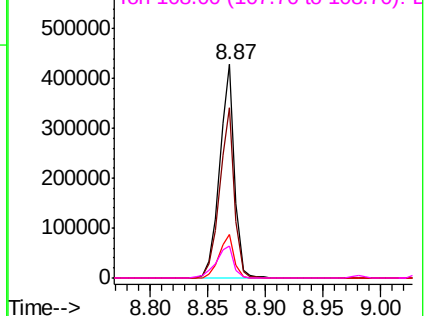
214 79.1 63.0 94.6

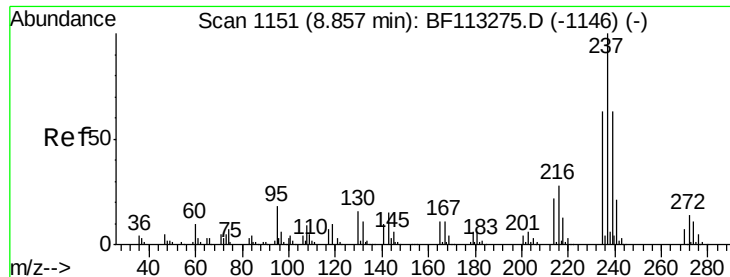
179 20.4 16.8 25.2

108 18.2 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

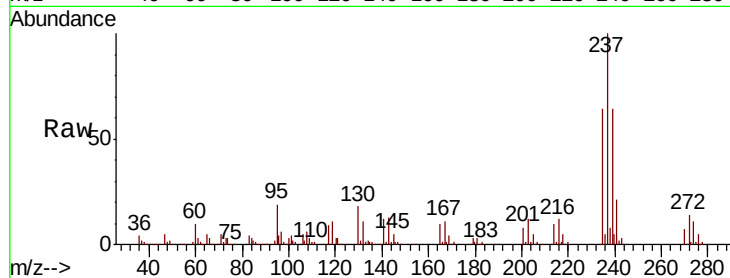




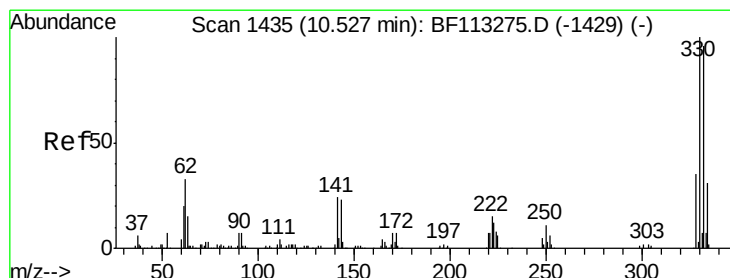
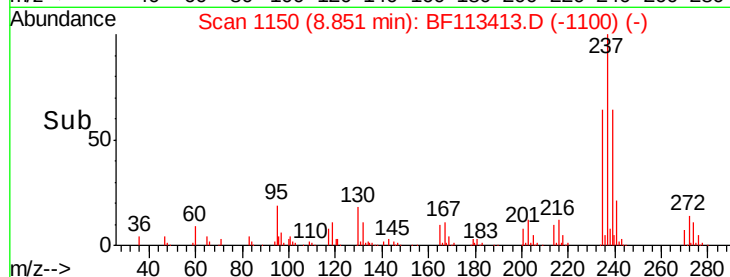
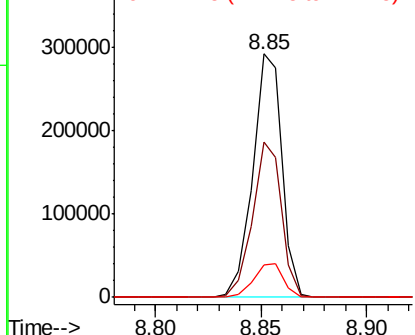
#41
Hexachlorocyclopentadiene
Concen: 68.304 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	282153		
235	63.7		43.4	83.4
272	13.6		0.0	33.7

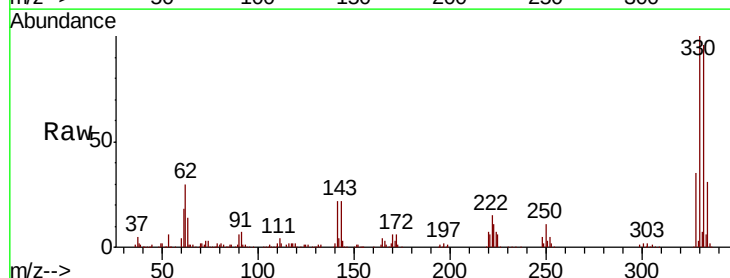


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

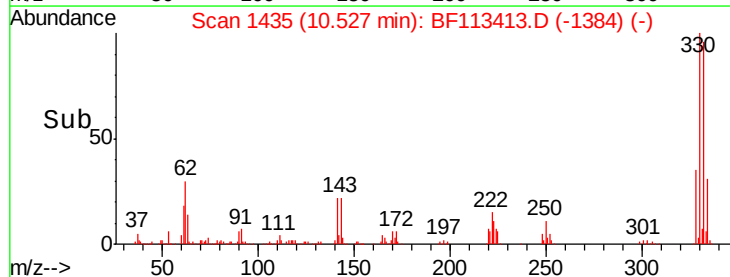
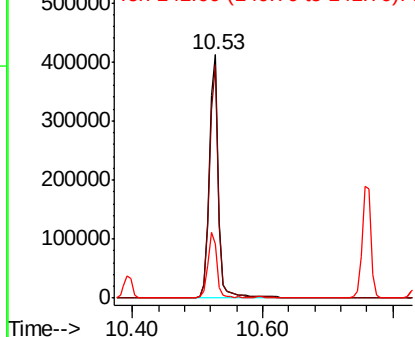


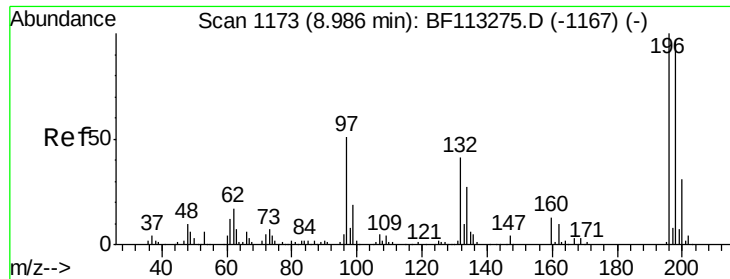
#42
2,4,6-Tribromophenol
Concen: 107.518 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	403777		
332	94.4		77.8	116.6
141	26.9		22.7	34.1



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

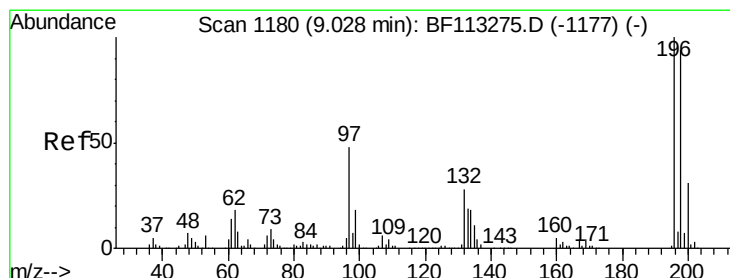
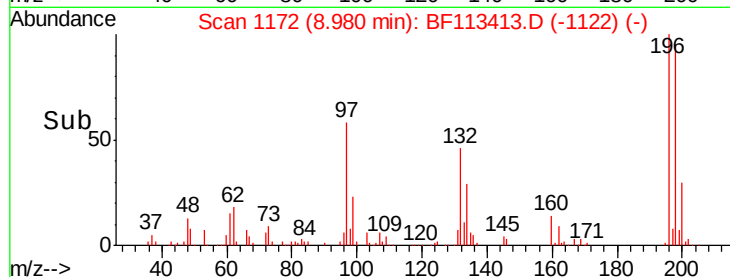
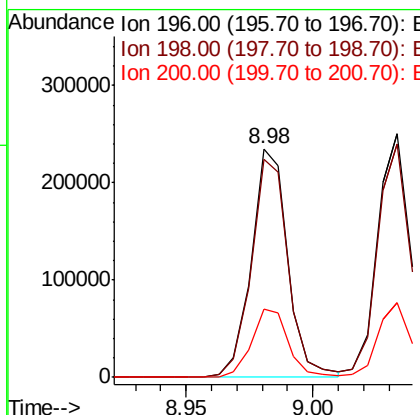
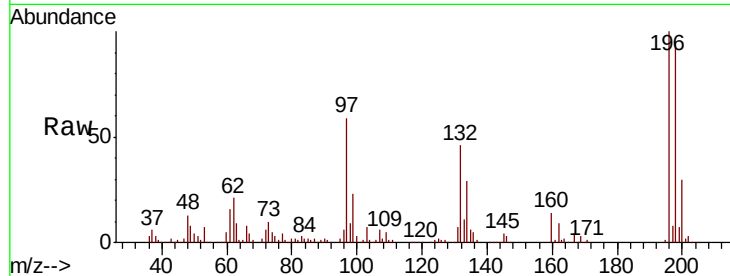




#43
 2,4,6-Trichlorophenol
 Concen: 37.065 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

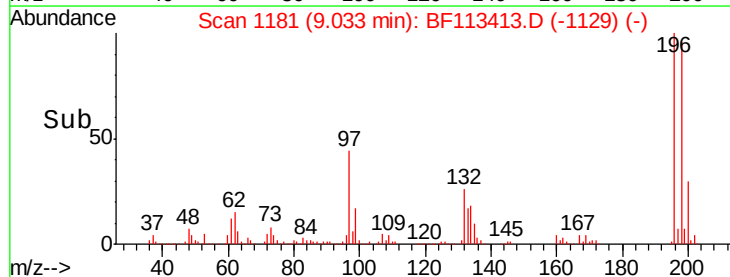
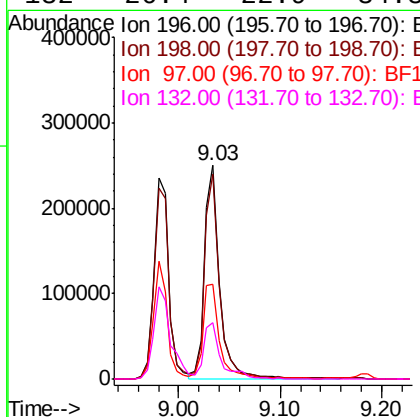
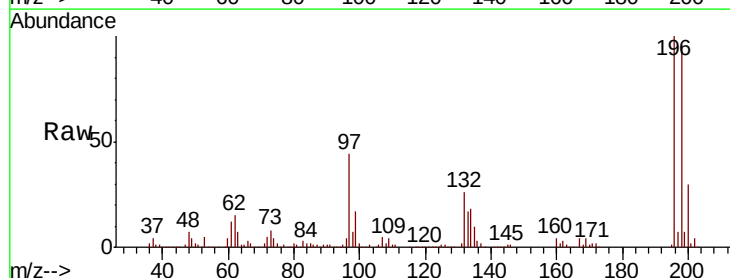
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

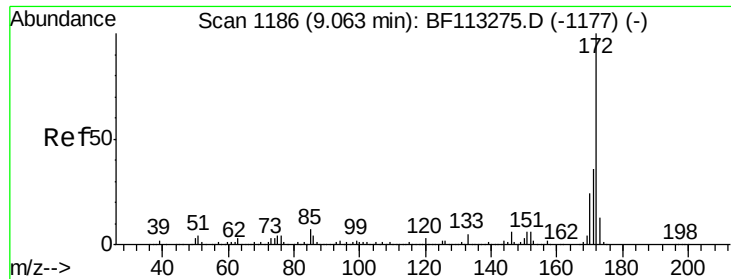
Tgt Ion:196 Resp: 235552
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.7 116.5
 200 29.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.590 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:196 Resp: 257345
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.4 113.2
 97 44.1 38.6 58.0
 132 26.4 22.9 34.3

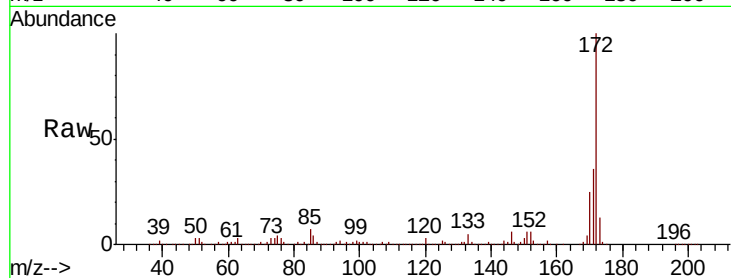




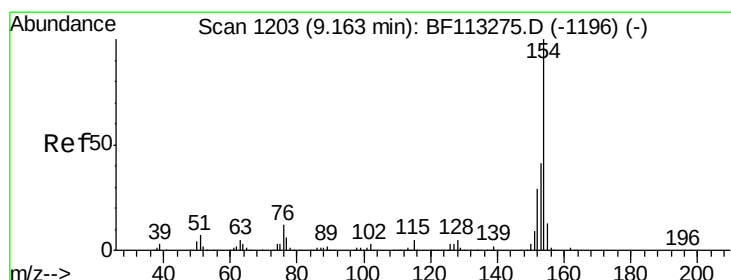
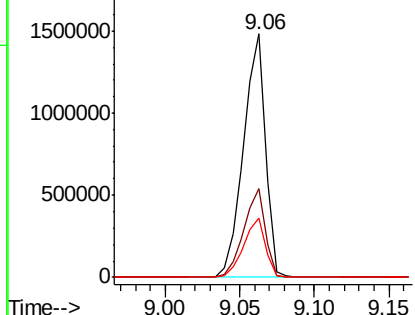
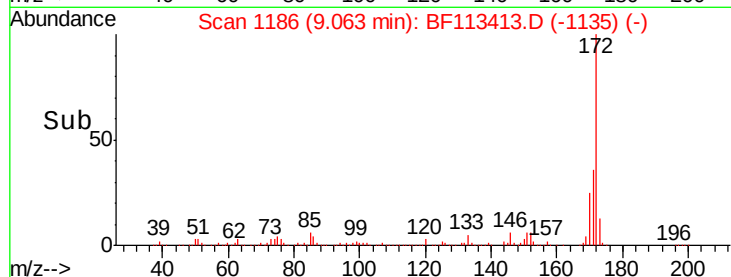
#45
2-Fluorobiphenyl
Concen: 76.203 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:172 Resp: 1513552
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.6 19.5 29.3

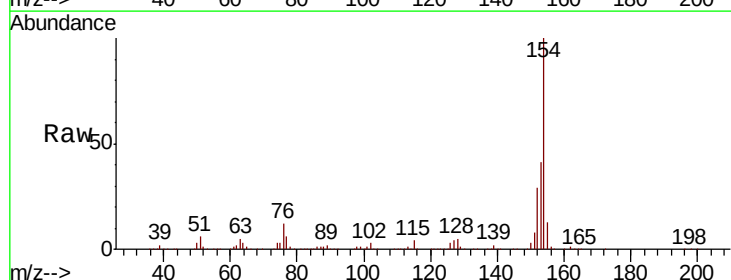


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

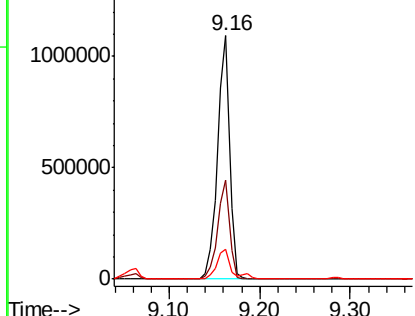
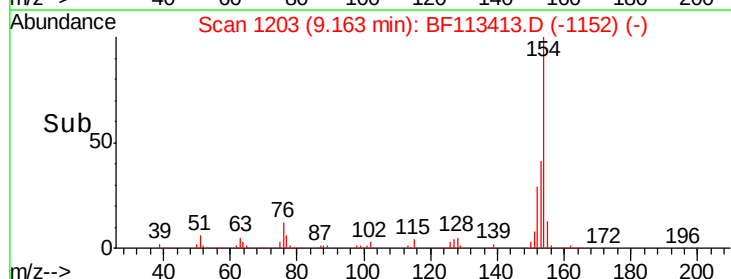


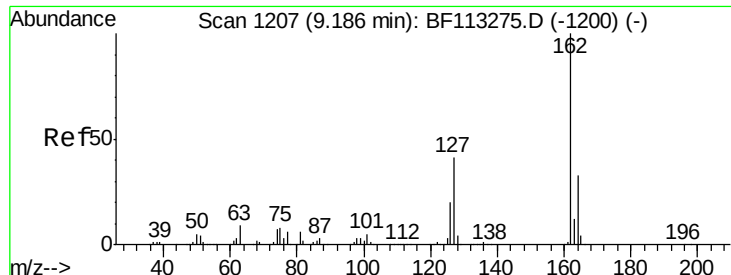
#46
1,1'-Biphenyl
Concen: 39.368 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:154 Resp: 999645
Ion Ratio Lower Upper
154 100
153 40.6 20.8 60.8
76 12.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
1500000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

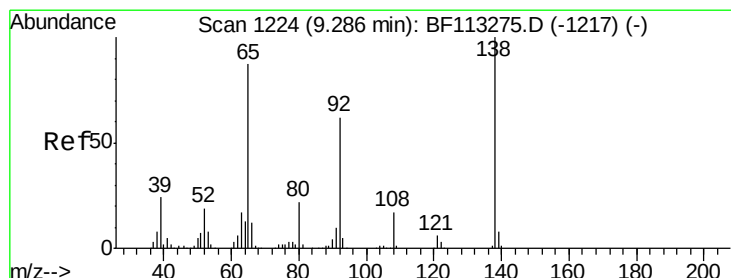
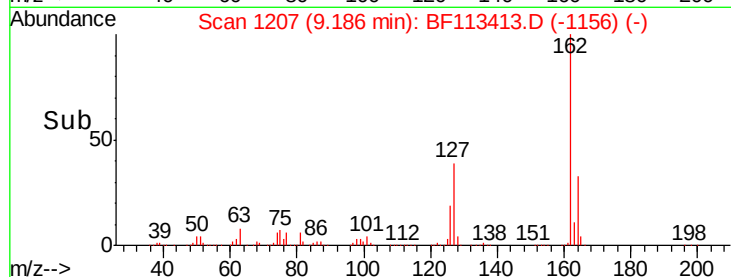
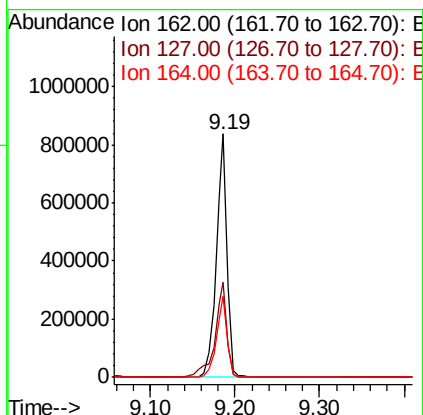
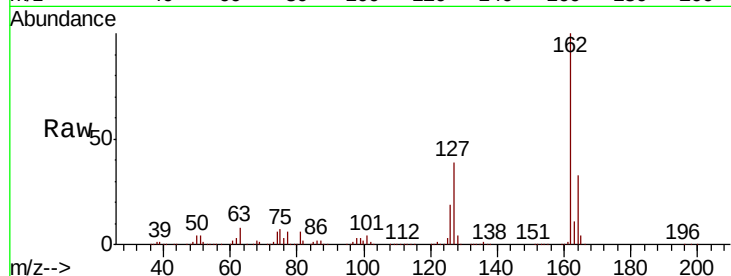




#47
 2-Chloronaphthalene
 Concen: 39.012 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

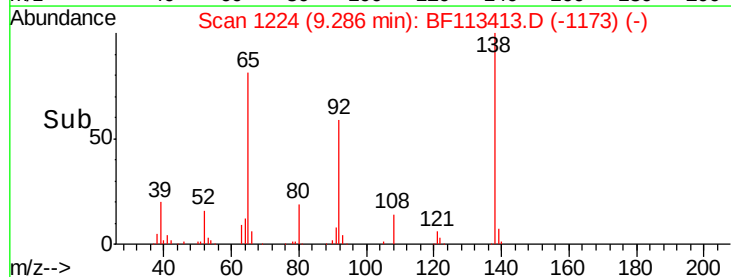
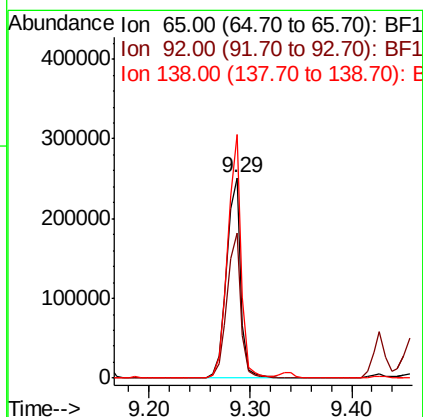
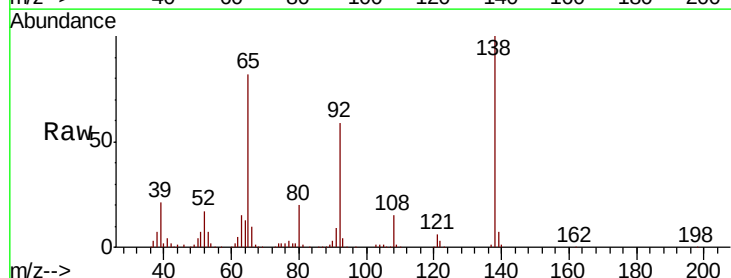
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

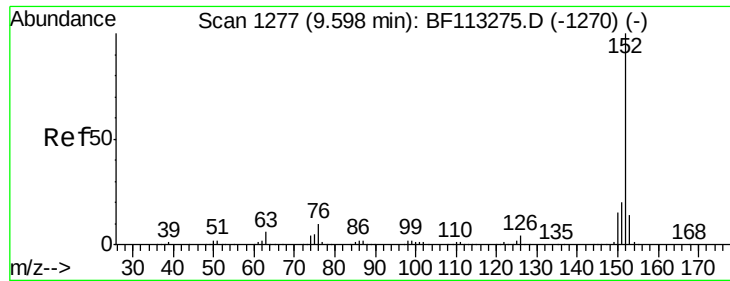
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	32.6	49.0
164	33.3	26.6	39.8



#48
 2-Nitroaniline
 Concen: 39.931 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	56.8	85.2
138	121.4	92.3	138.5





#49

Acenaphthylene

Concen: 38.947 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

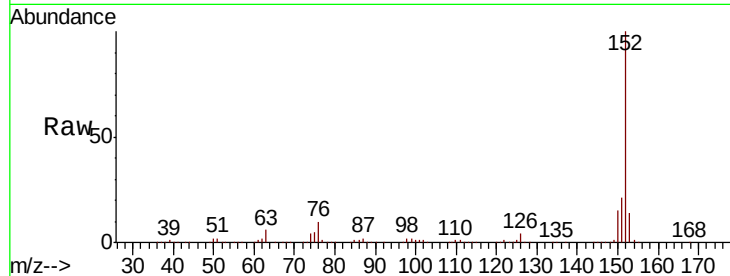
Tgt Ion:152 Resp: 1231195

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

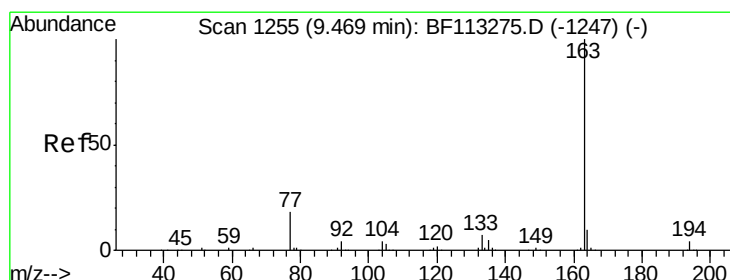
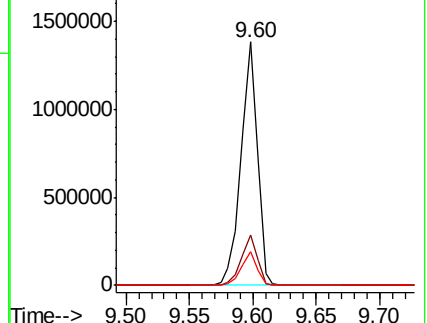
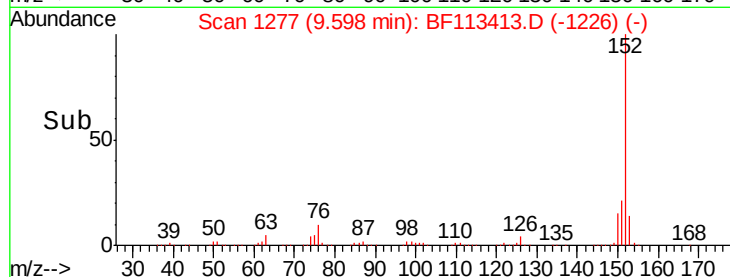
153 13.7 11.0 16.6



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: 40.144 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

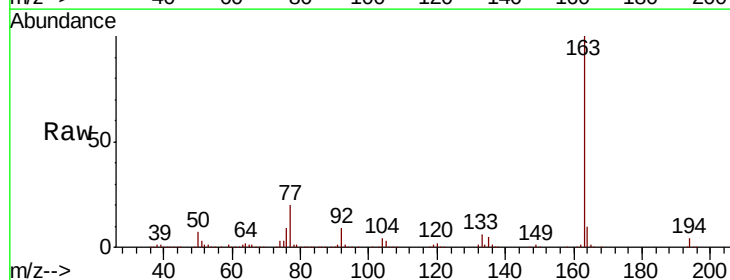
Tgt Ion:163 Resp: 904479

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

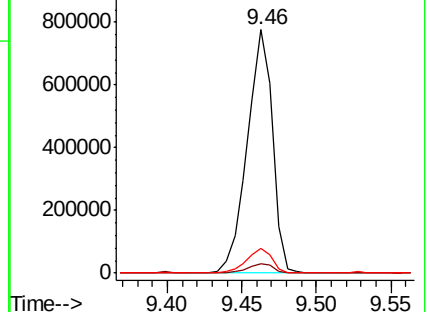
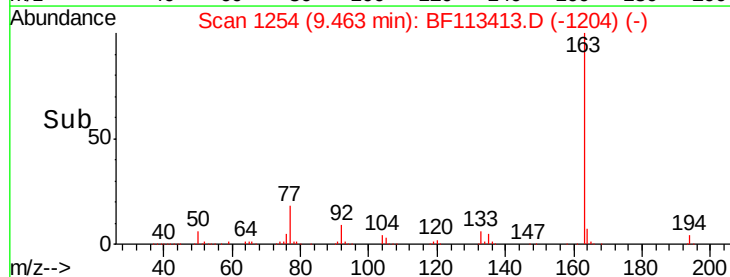
164 10.1 8.1 12.1

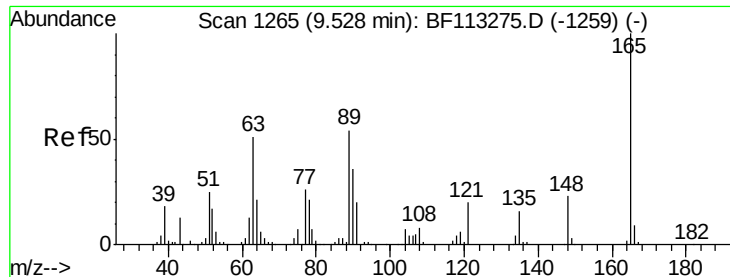


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

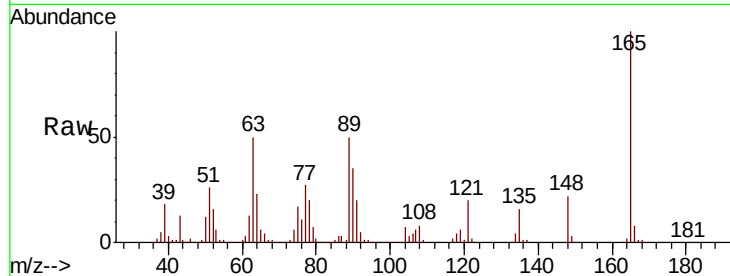




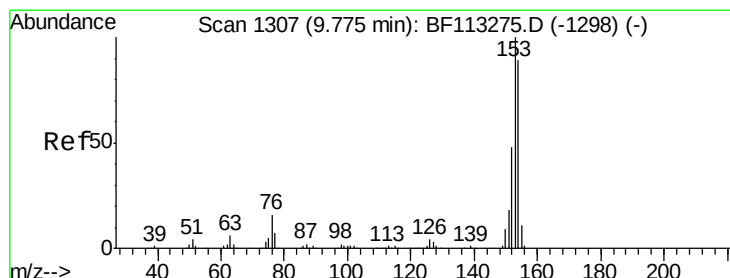
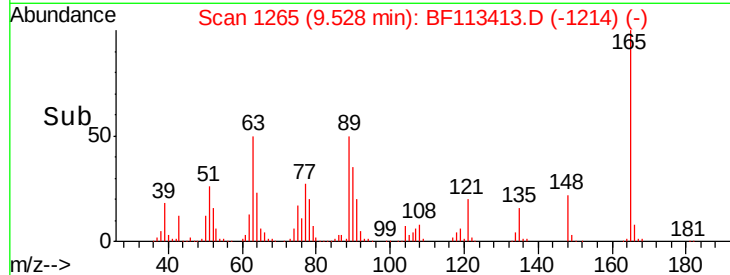
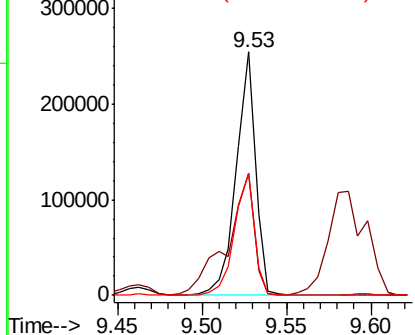
#51
2,6-Dinitrotoluene
Concen: 39.968 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	50.0	43.4	65.0
89	50.2	43.1	64.7

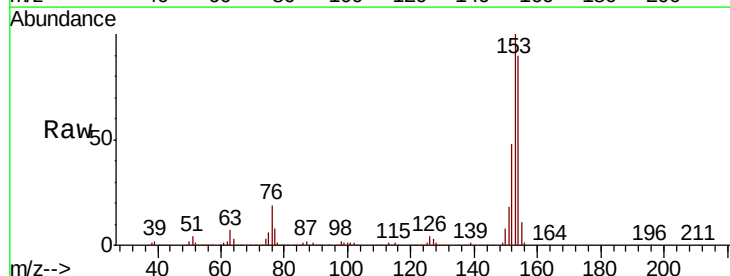


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

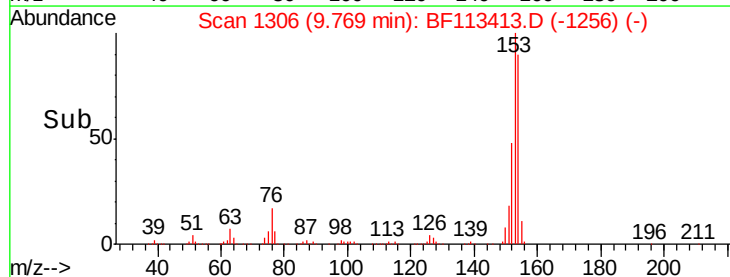
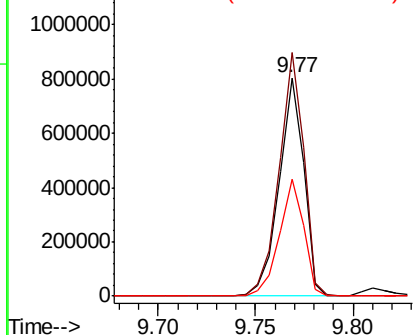


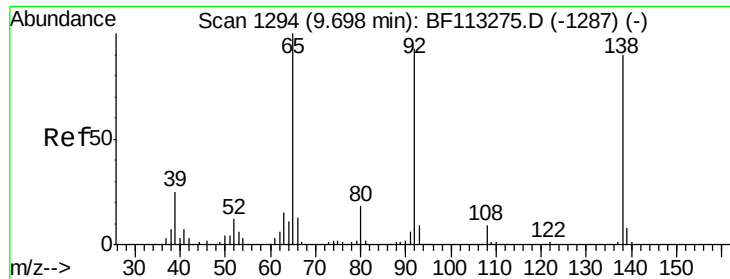
#52
Acenaphthene
Concen: 39.779 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	89.5	134.3
152	53.6	43.3	64.9



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

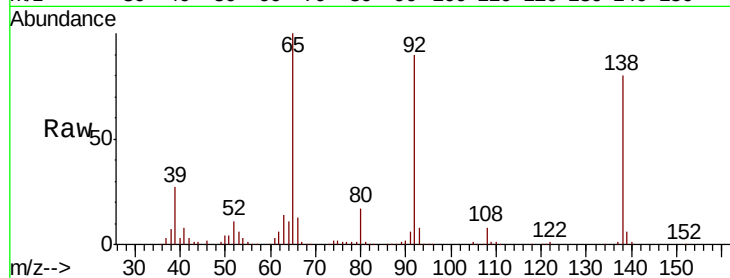




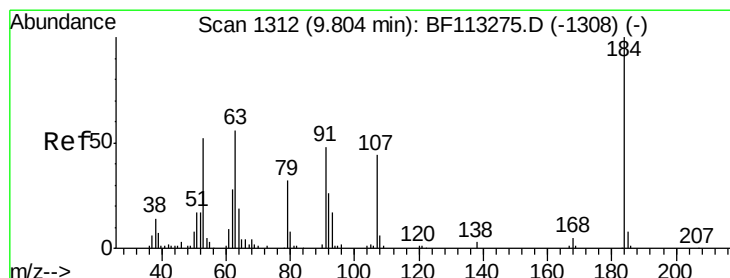
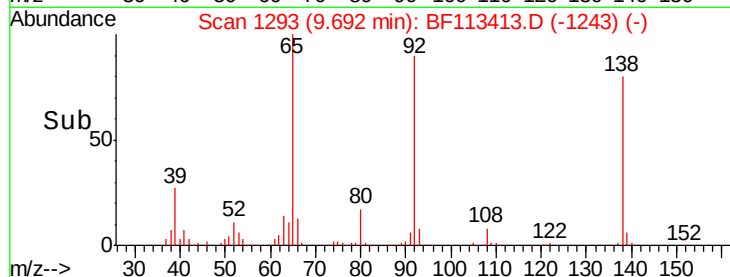
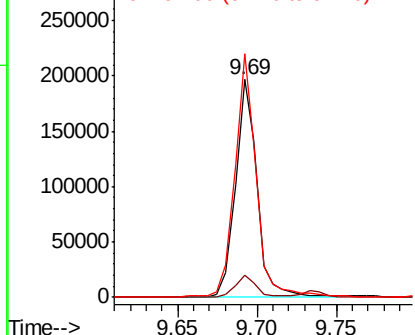
#53
 3-Nitroaniline
 Concen: 32.488 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

Tgt Ion:138 Resp: 186225
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.8 11.6
 92 111.7 82.6 124.0

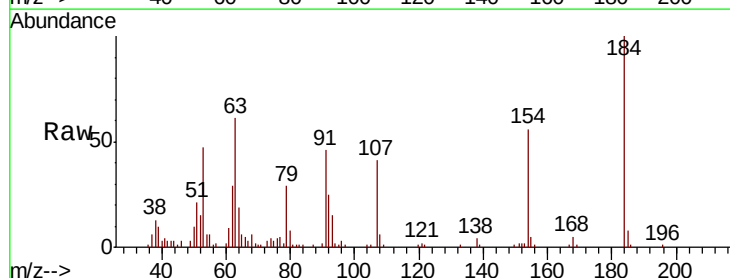


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

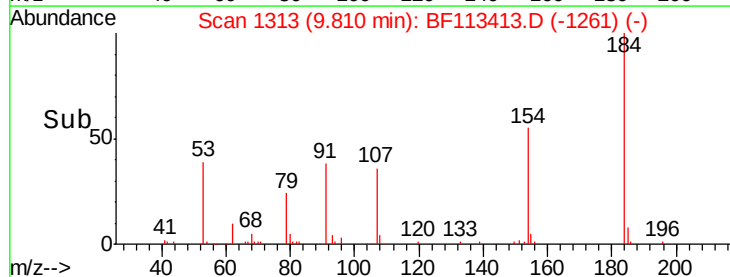
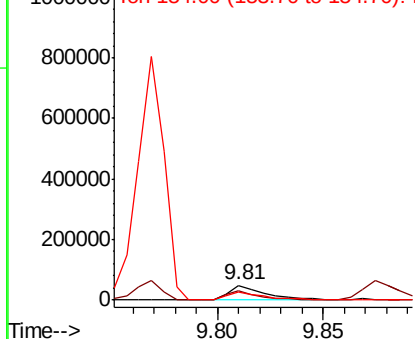


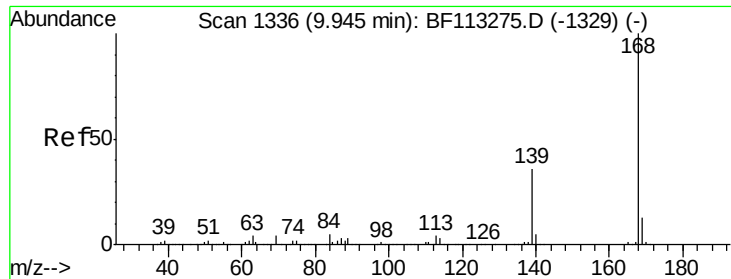
#54
 2,4-Dinitrophenol
 Concen: 23.230 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:184 Resp: 58728
 Ion Ratio Lower Upper
 184 100
 63 61.0 54.3 81.5
 154 55.8 48.4 72.6



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

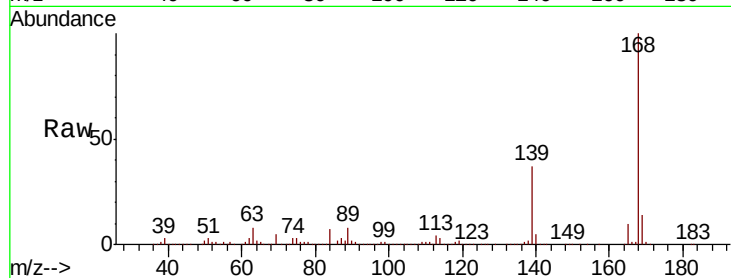




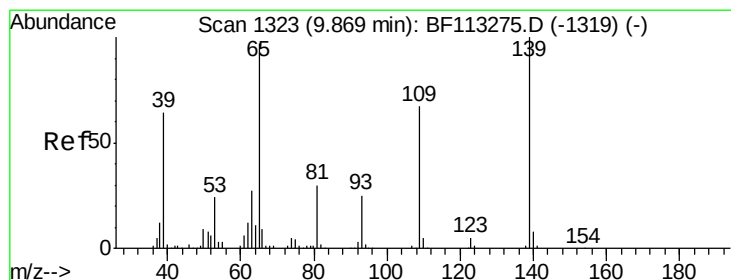
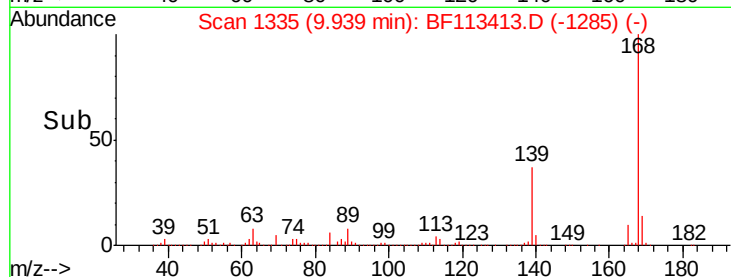
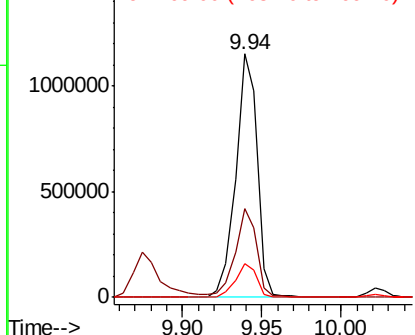
#55
Dibenzofuran
Concen: 40.265 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:168 Resp: 1077605
Ion Ratio Lower Upper
168 100
139 36.5 29.7 44.5
169 13.7 10.7 16.1

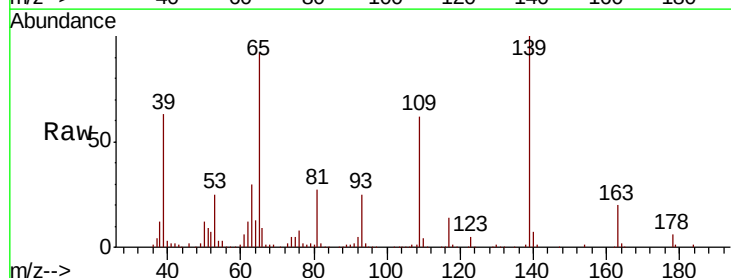


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

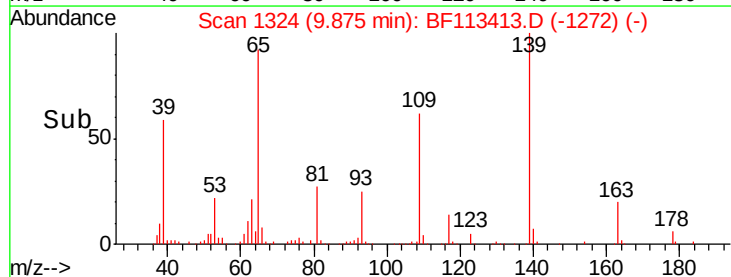
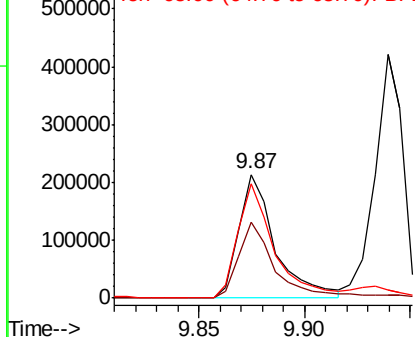


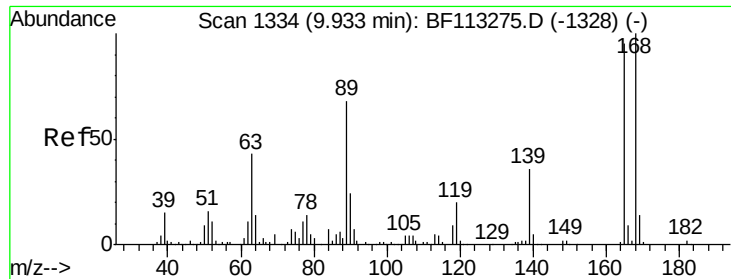
#56
4-Nitrophenol
Concen: 62.074 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:139 Resp: 253672
Ion Ratio Lower Upper
139 100
109 61.7 46.9 86.9
65 92.5 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

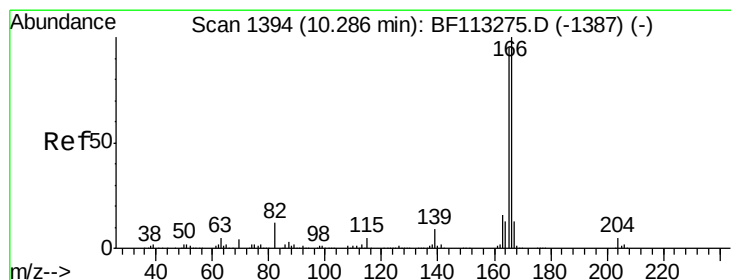
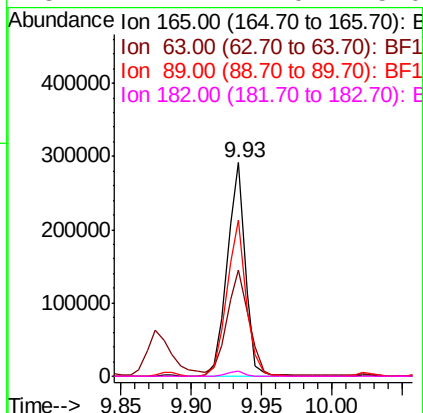
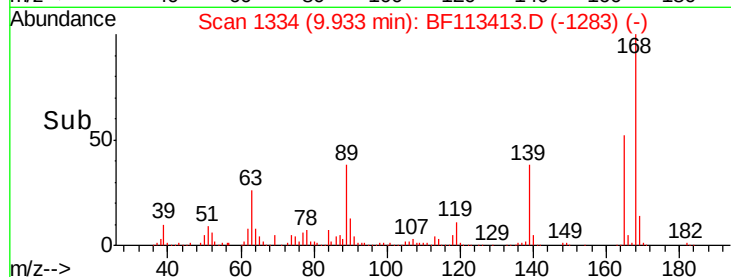
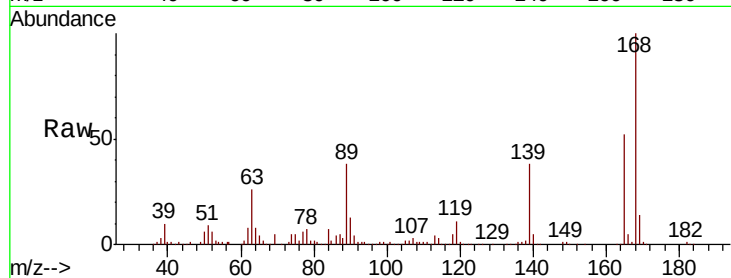




#57
2,4-Dinitrotoluene
Concen: 40.131 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

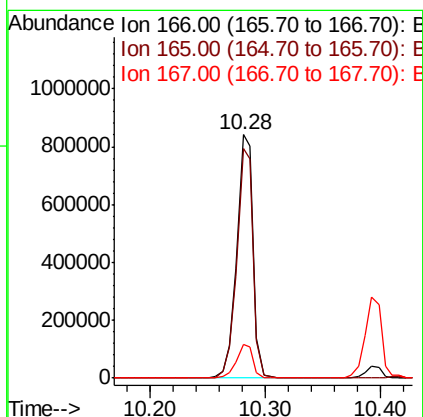
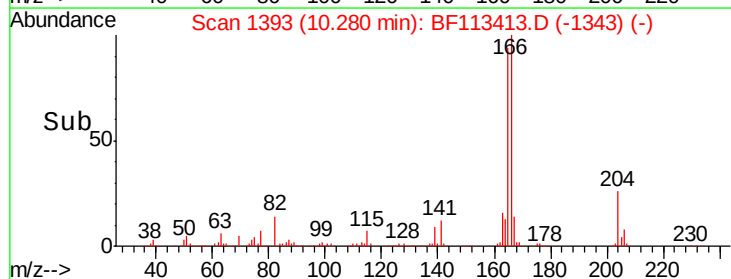
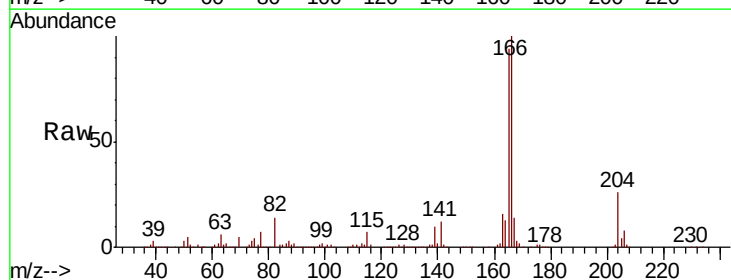
Instrument :
BNA_F
ClientSampleId :
PB118222BS

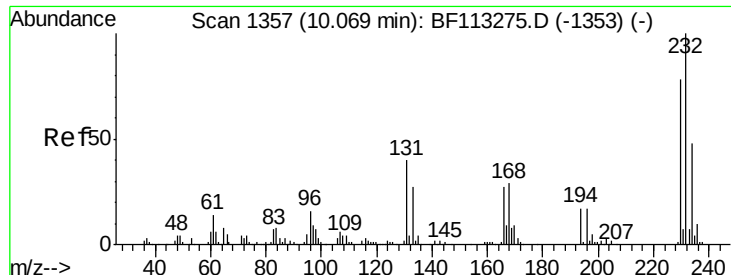
Tgt Ion:	165	Resp:	259405
Ion	Ratio	Lower	Upper
165	100		
63	49.9	37.5	56.3
89	72.9	57.4	86.2
182	2.7	2.0	3.0



#58
Fluorene
Concen: 39.629 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:	166	Resp:	823913
Ion	Ratio	Lower	Upper
166	100		
165	94.1	76.2	114.2
167	14.0	10.7	16.1

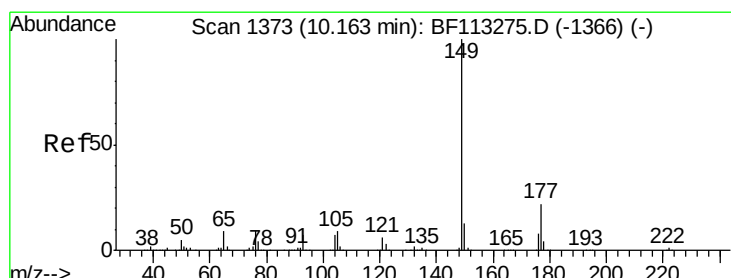
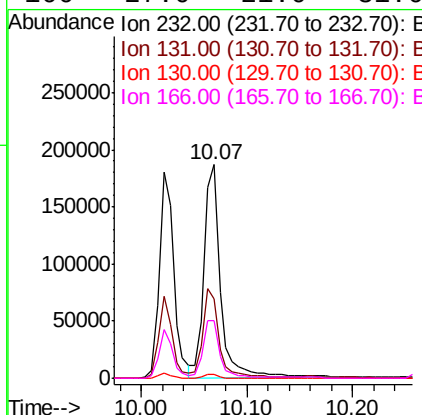
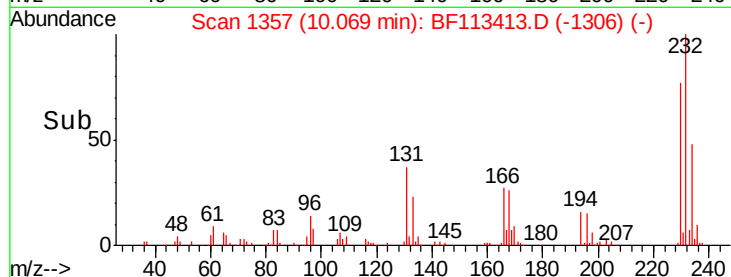
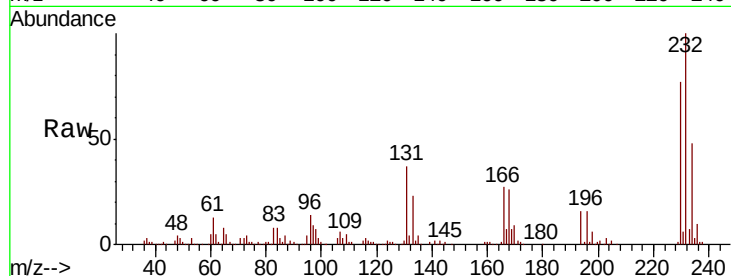




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.983 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

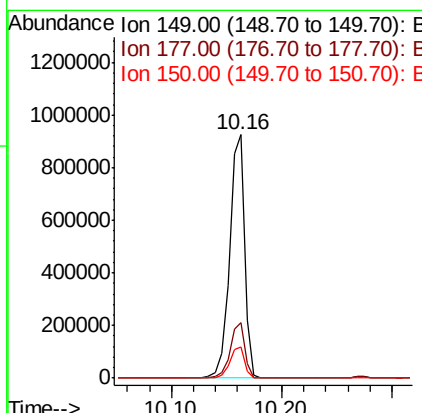
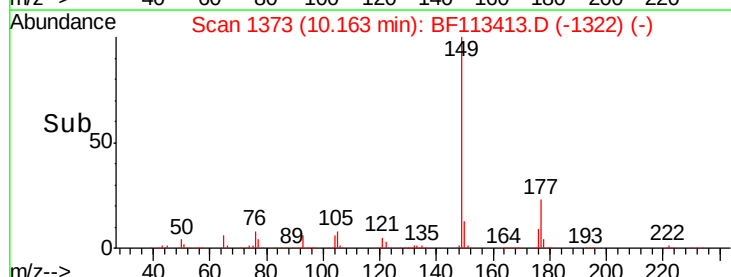
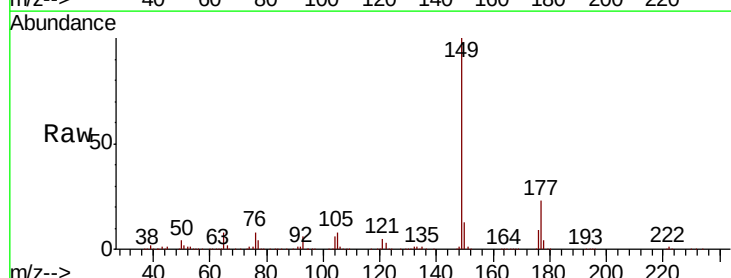
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

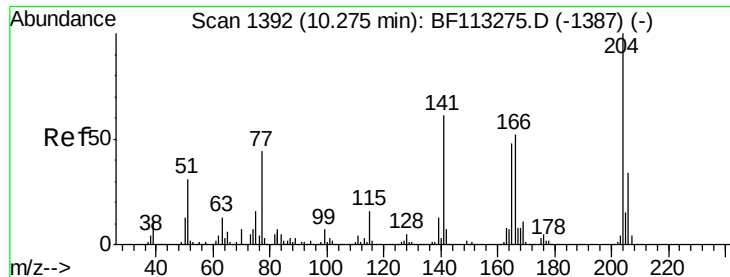
Tgt Ion:	232	Resp:	202116
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.2	49.8
130	1.8	1.6	2.4
166	27.0	21.0	31.6



#60
 Diethylphthalate
 Concen: 39.964 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:	149	Resp:	883311
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.4	26.0
150	12.6	10.0	15.0

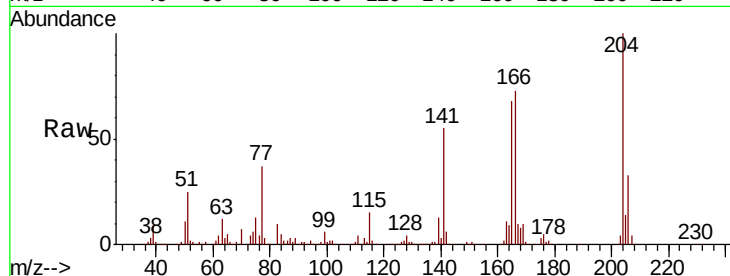




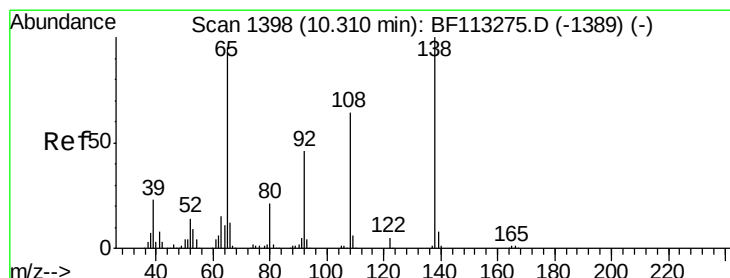
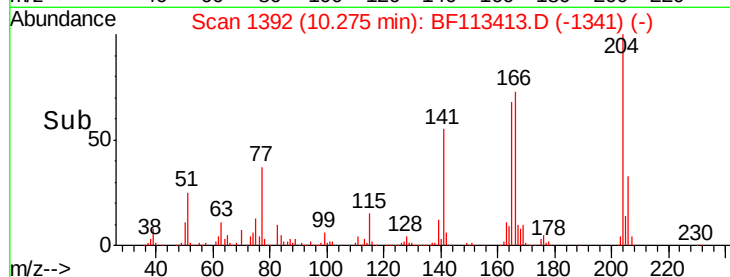
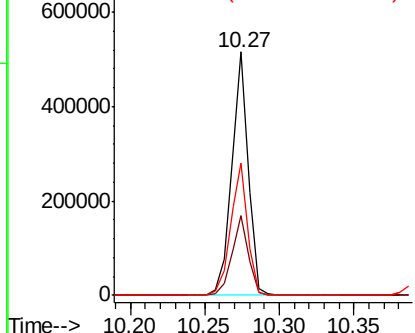
#61
4-Chlorophenyl-phenylether
Concen: 40.276 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion: 204 Resp: 408110
Ion Ratio Lower Upper
204 100
206 32.7 26.9 40.3
141 54.5 48.8 73.2

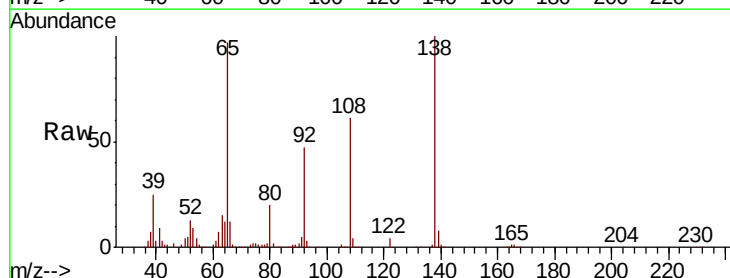


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

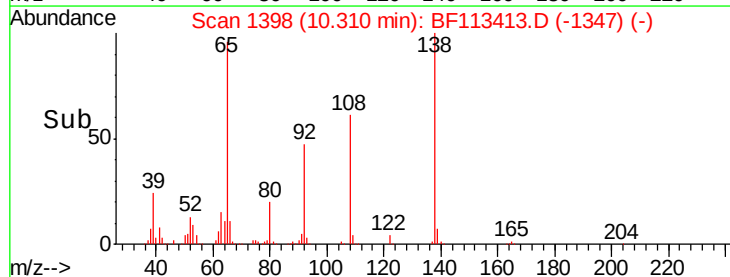
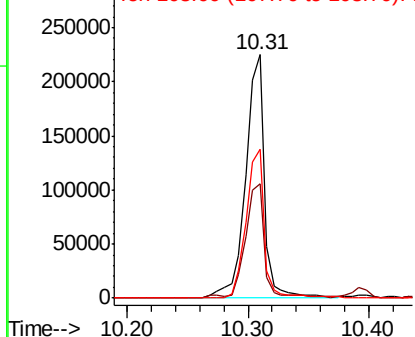


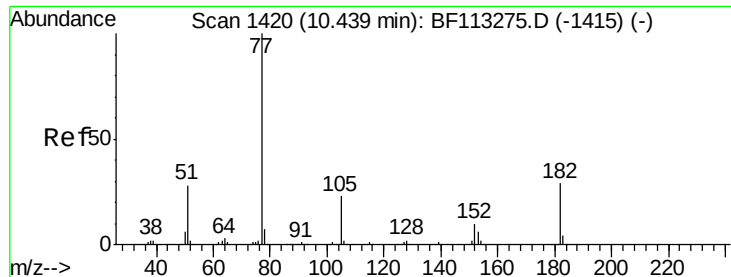
#62
4-Nitroaniline
Concen: 41.840 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion: 138 Resp: 246929
Ion Ratio Lower Upper
138 100
92 46.7 25.8 65.8
108 61.3 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: 40.131 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

Tgt Ion: 77 Resp: 834958

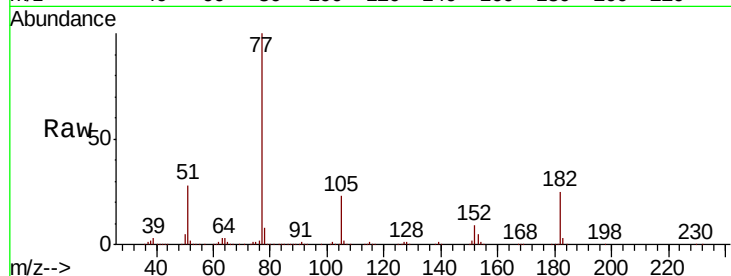
Ion Ratio Lower Upper

77 100

182 25.4 8.7 48.7

105 22.7 2.9 42.9

51 28.4 8.8 48.8

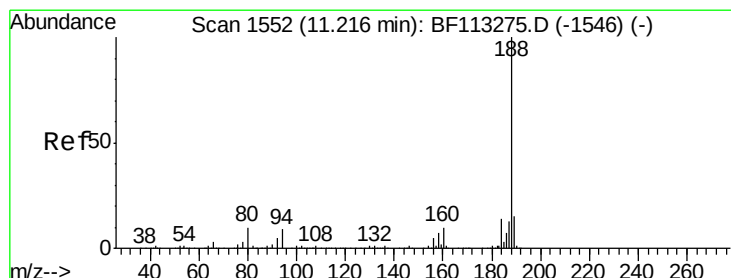
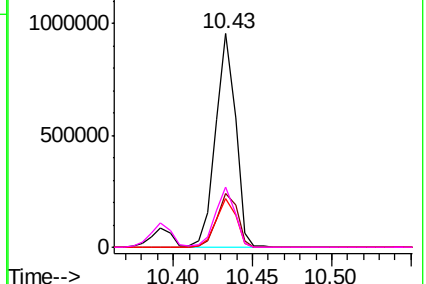
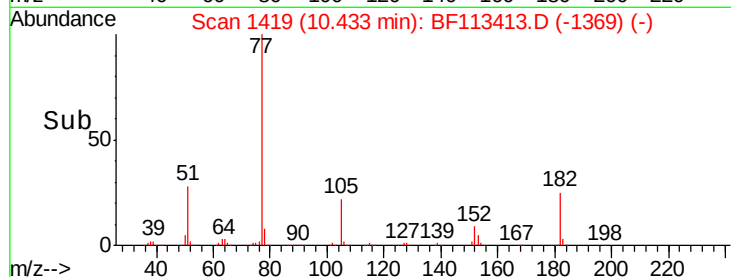


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113413.D

Acq: 29 Mar 2019 15:03

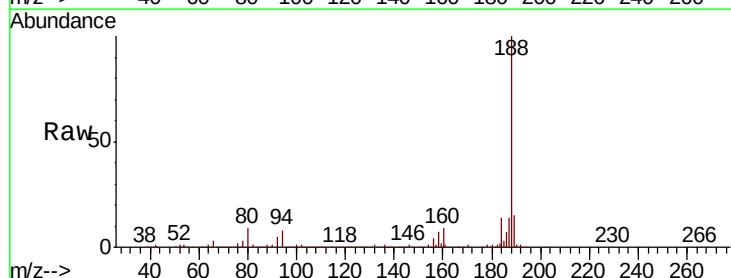
Tgt Ion: 188 Resp: 628548

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

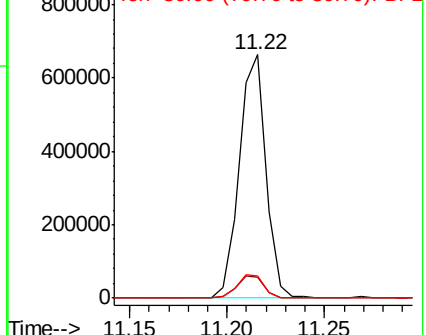
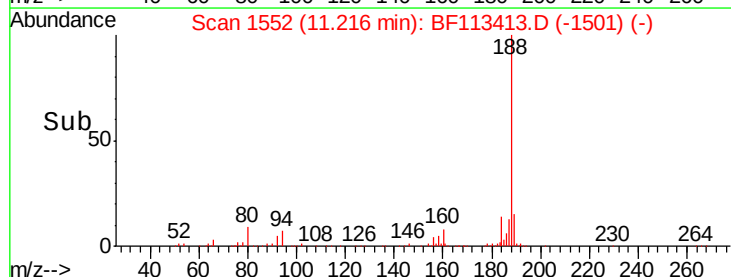
80 9.0 7.7 11.5

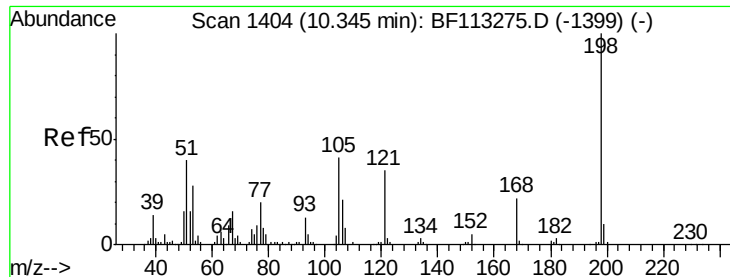


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 16.970 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

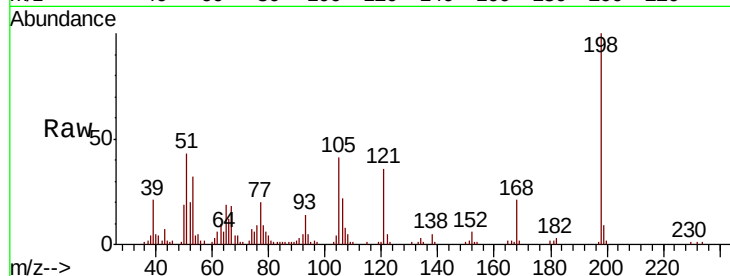
Tgt Ion:198 Resp: 58349

Ion Ratio Lower Upper

198 100

51 42.6 21.6 61.6

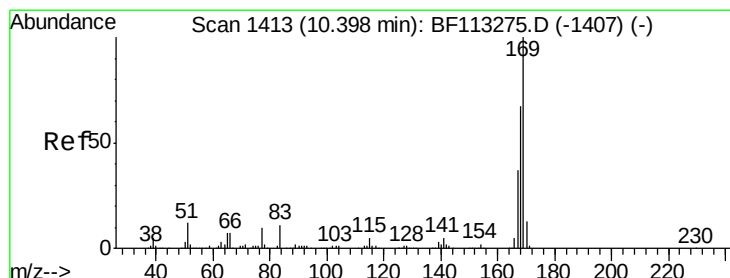
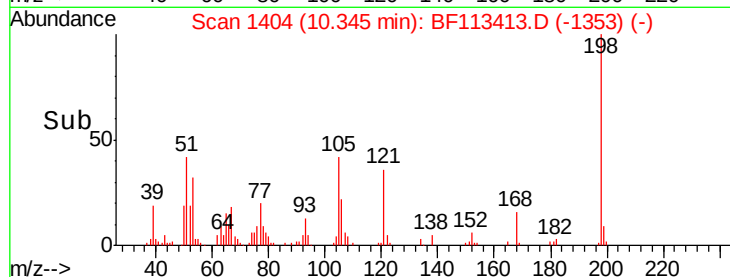
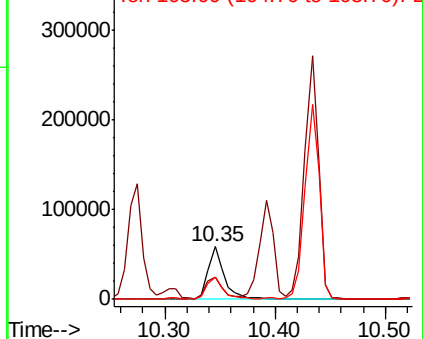
105 41.4 20.6 60.6



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: 39.159 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

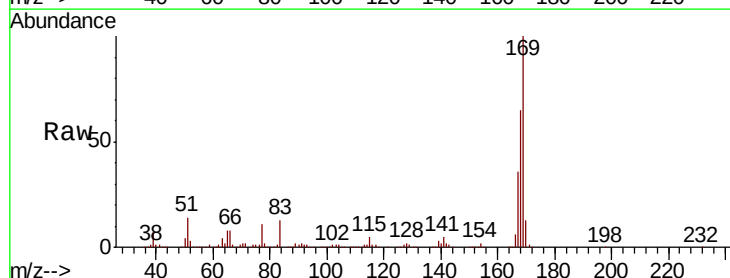
Tgt Ion:169 Resp: 755259

Ion Ratio Lower Upper

169 100

168 65.5 53.7 80.5

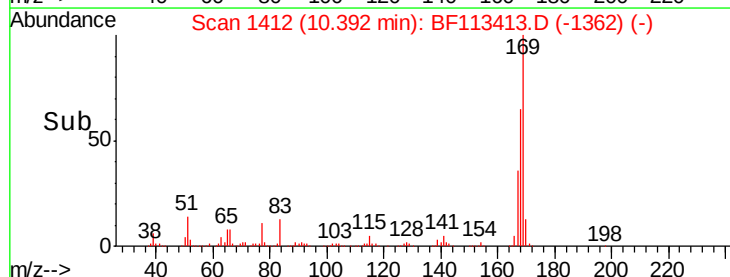
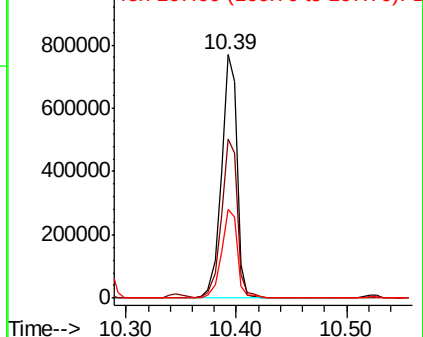
167 36.3 29.5 44.3

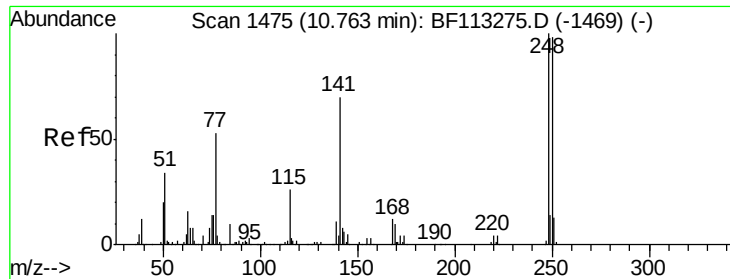


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

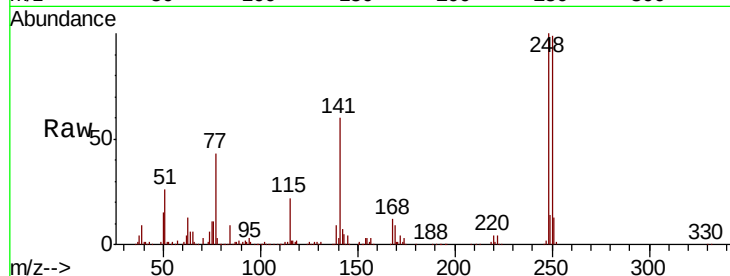




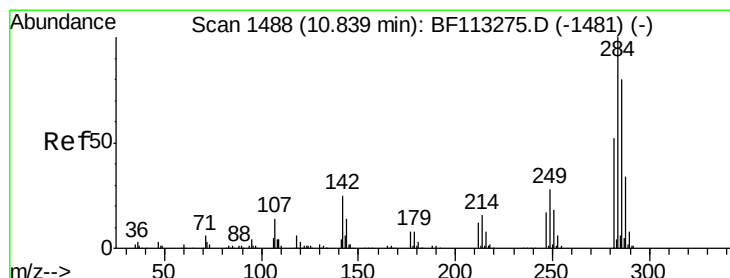
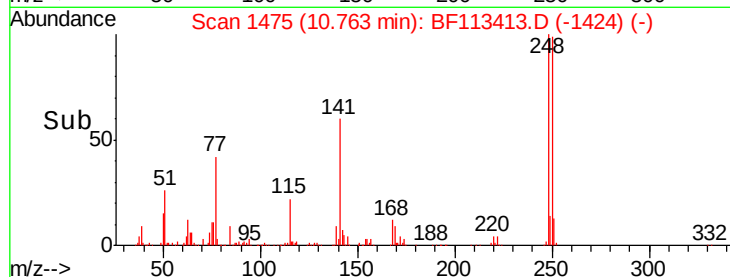
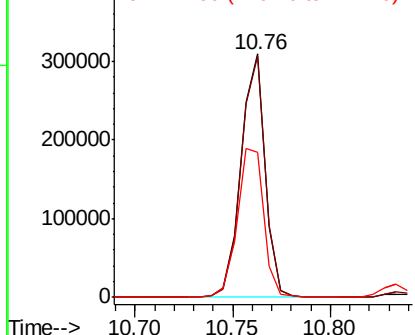
#67
4-Bromophenyl-phenylether
Concen: 38.891 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:248 Resp: 266432
Ion Ratio Lower Upper
248 100
250 98.8 78.3 117.5
141 59.7 56.2 84.4

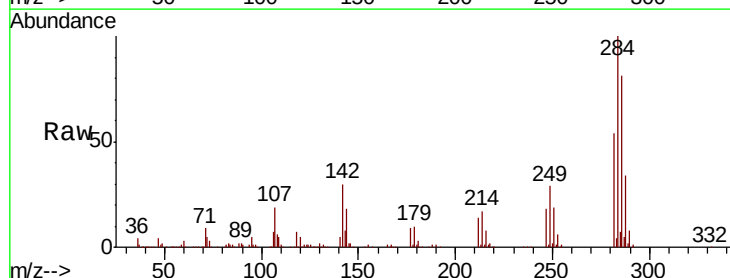


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

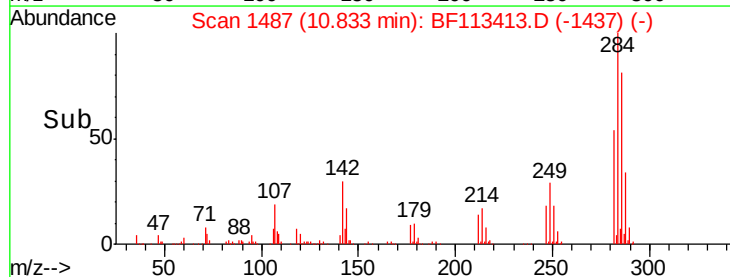
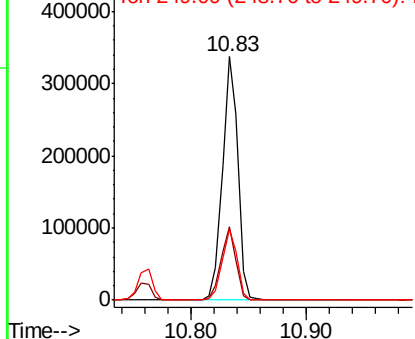


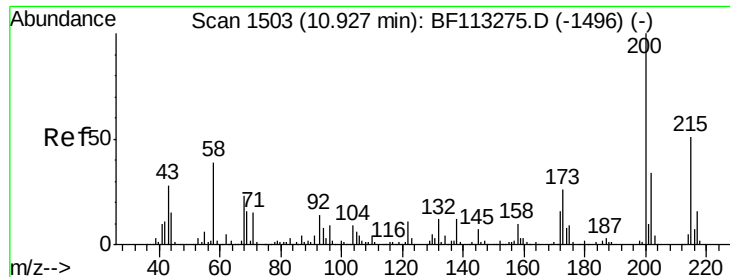
#68
Hexachlorobenzene
Concen: 39.283 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:284 Resp: 312376
Ion Ratio Lower Upper
284 100
142 30.1 20.1 30.1
249 29.1 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: 37.873 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

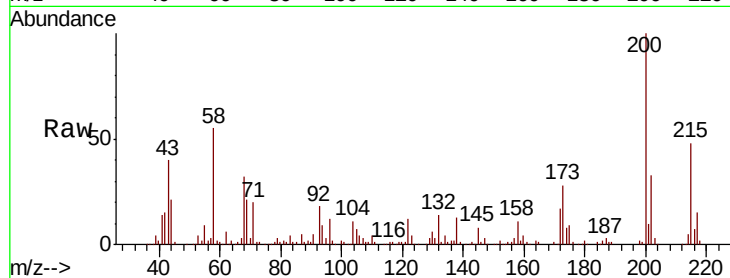
Tgt Ion:200 Resp: 230559

Ion Ratio Lower Upper

200 100

173 28.1 6.0 46.0

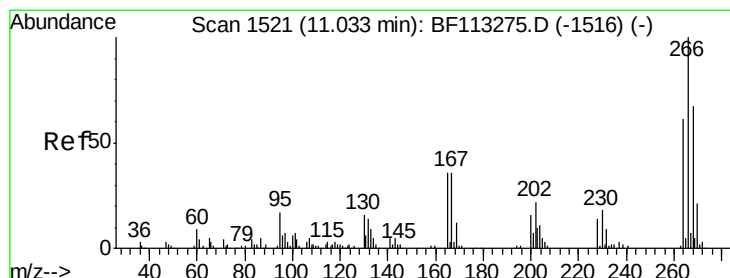
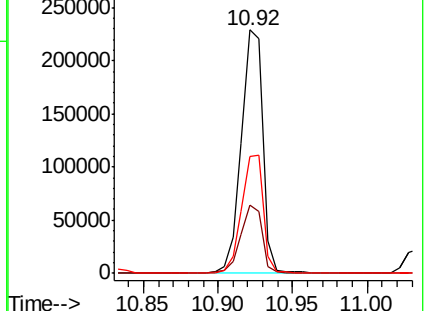
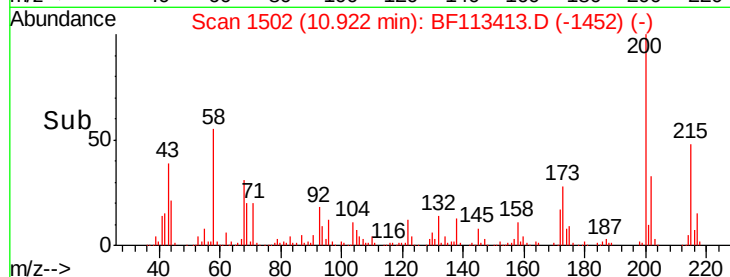
215 48.0 31.3 71.3



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: 46.341 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

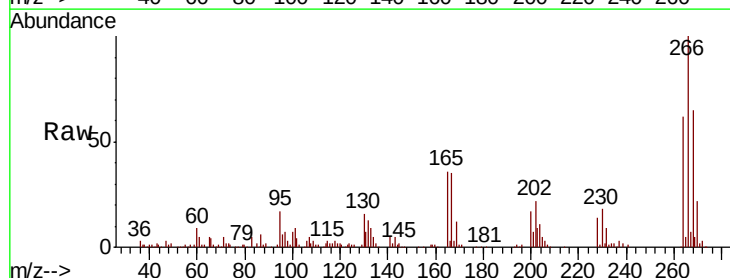
Tgt Ion:266 Resp: 191986

Ion Ratio Lower Upper

266 100

268 65.3 53.8 80.6

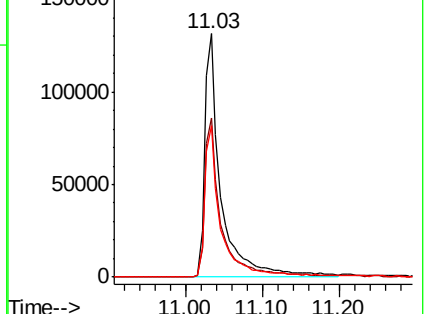
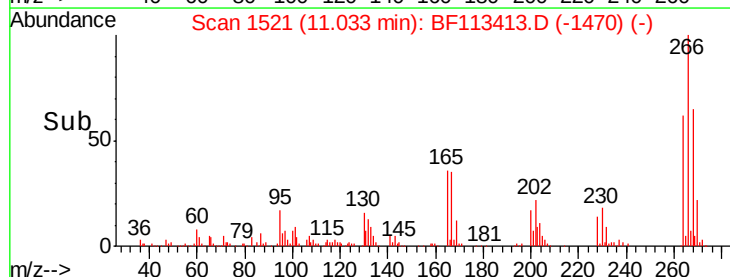
264 62.4 49.2 73.8

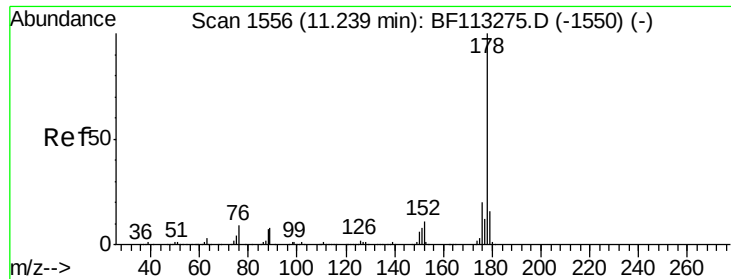


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.462 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

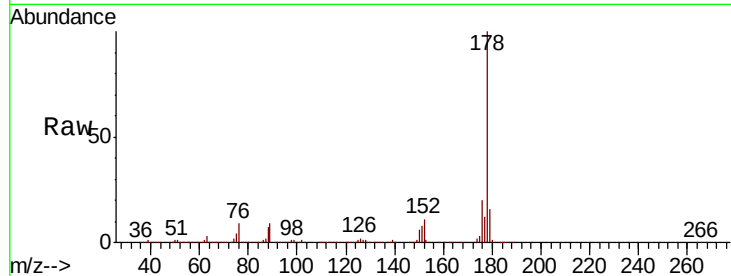
Tgt Ion:178 Resp: 1231772

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

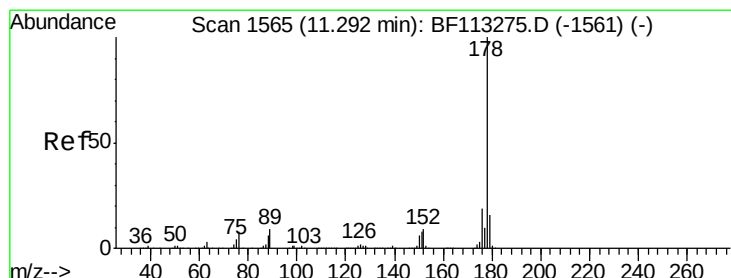
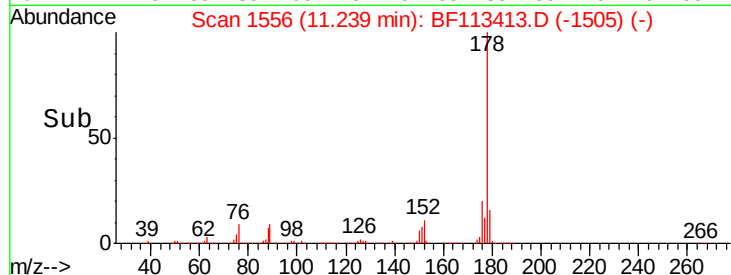
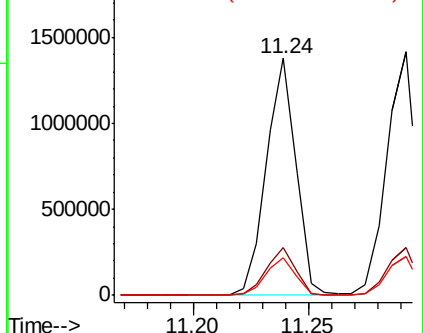
179 16.0 12.7 19.1



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: 40.684 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

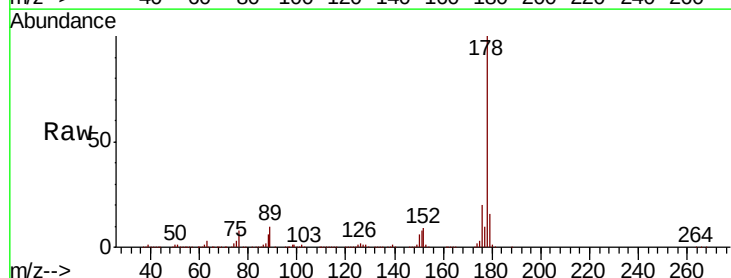
Tgt Ion:178 Resp: 1289891

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

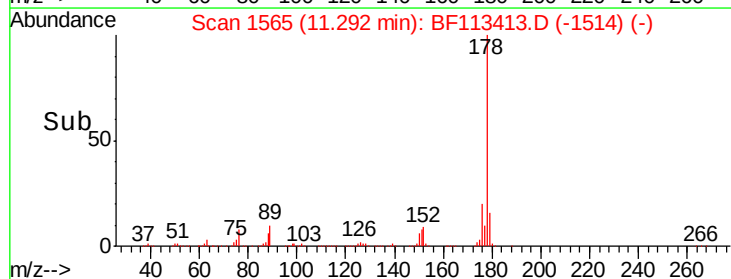
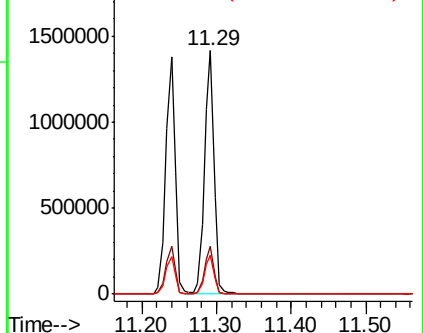
179 16.0 12.8 19.2

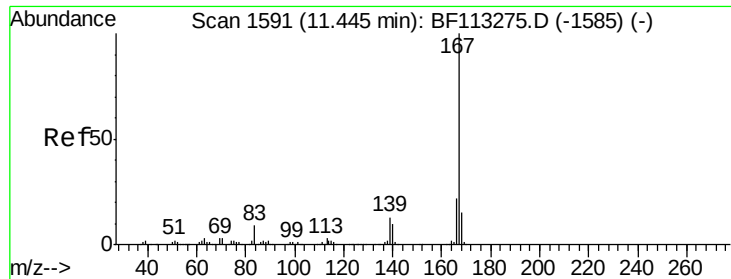


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

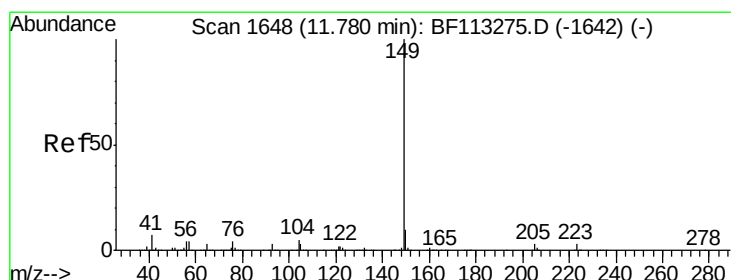
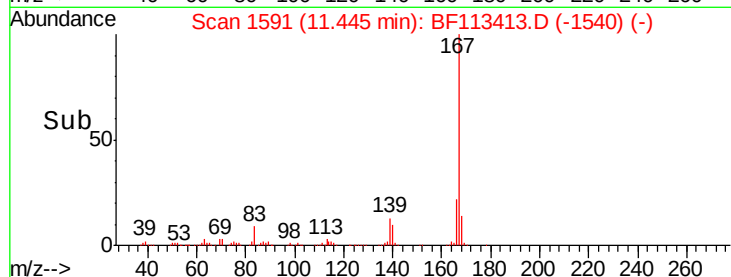
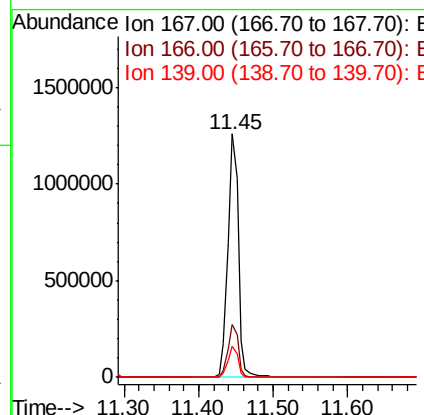
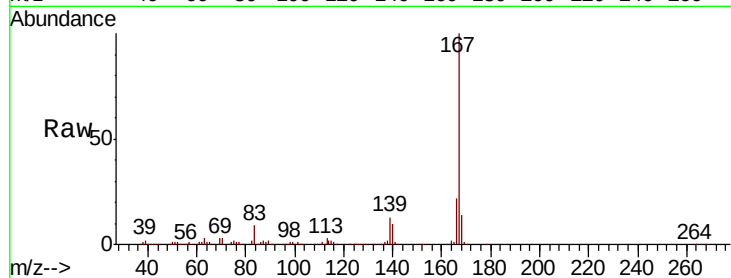




#73
 Carbazole
 Concen: 40.990 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

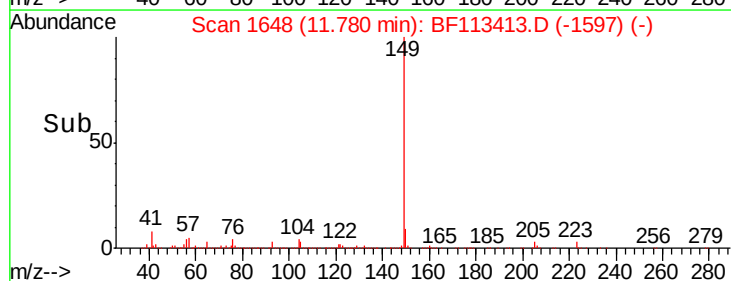
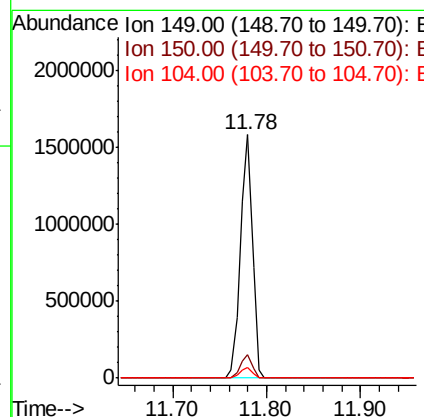
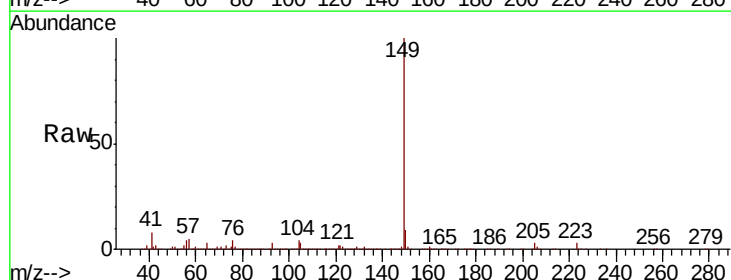
Instrument :
 BNA_F
 ClientSampleId :
 PB118222BS

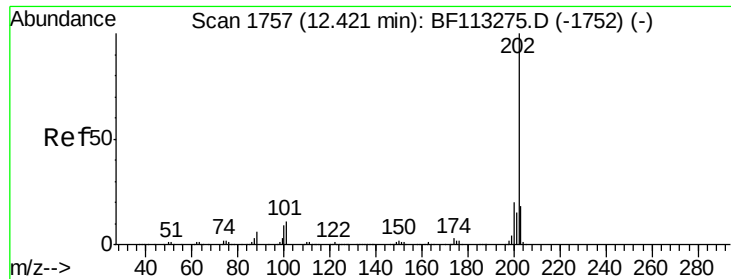
Tgt Ion:167 Resp: 1240080
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 40.025 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113413.D
 Acq: 29 Mar 2019 15:03

Tgt Ion:149 Resp: 1404202
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 4.4 3.7 5.5





#75

Fluoranthene

Concen: 39.961 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

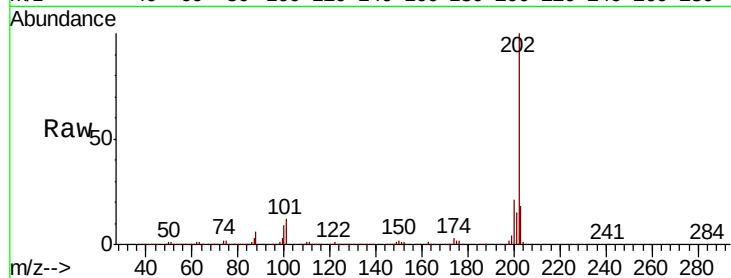
Tgt Ion:202 Resp: 1410106

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.4

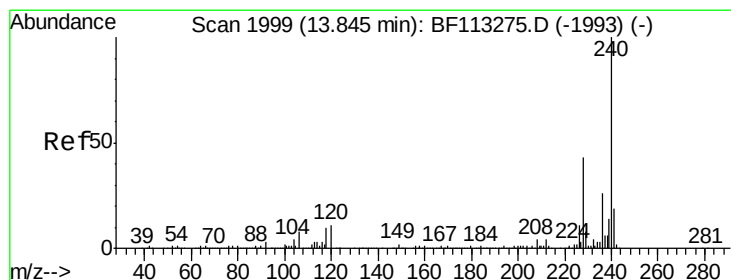
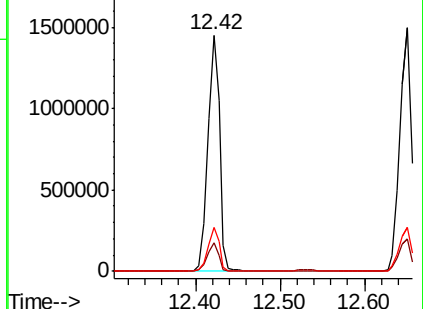
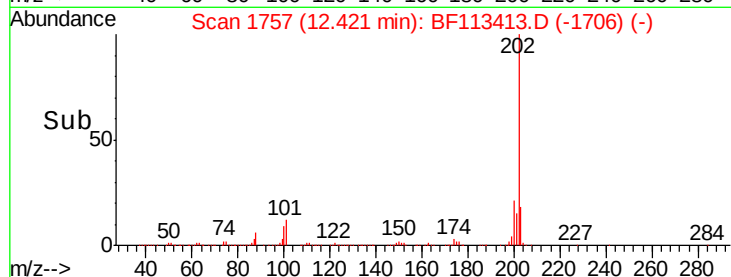
203 18.4 0.0 38.0



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: BF113413.D

Acq: 29 Mar 2019 15:03

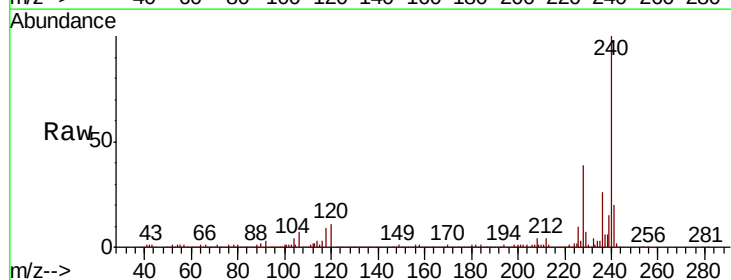
Tgt Ion:240 Resp: 523040

Ion Ratio Lower Upper

240 100

120 11.1 8.8 13.2

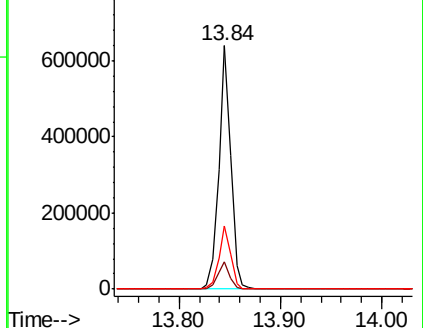
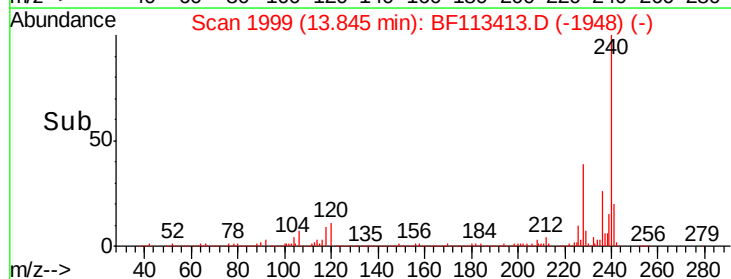
236 26.0 20.9 31.3

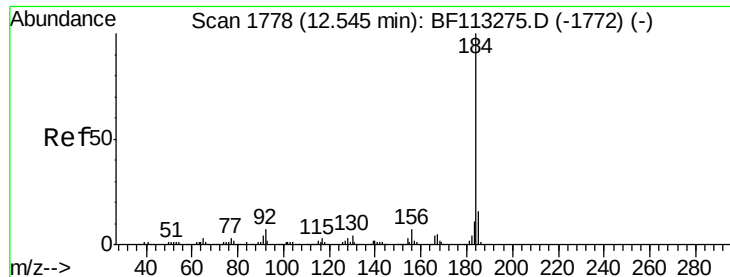


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.932 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

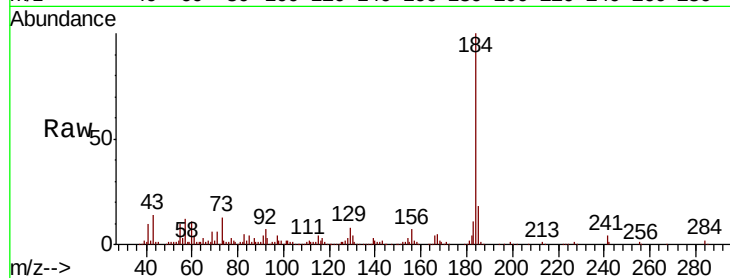
Tgt Ion:184 Resp: 419263

Ion Ratio Lower Upper

184 100

185 17.7 13.0 19.6

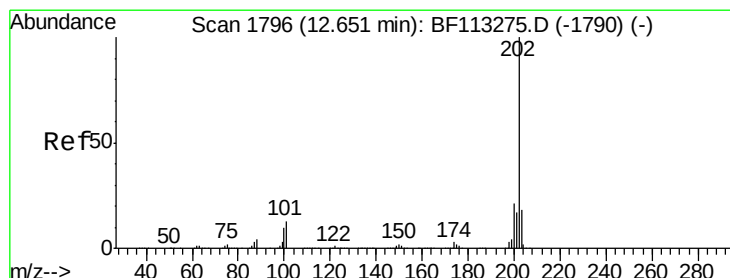
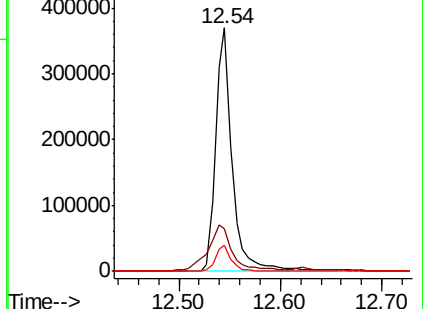
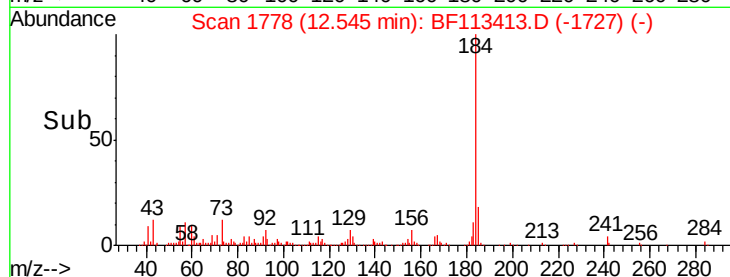
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.168 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

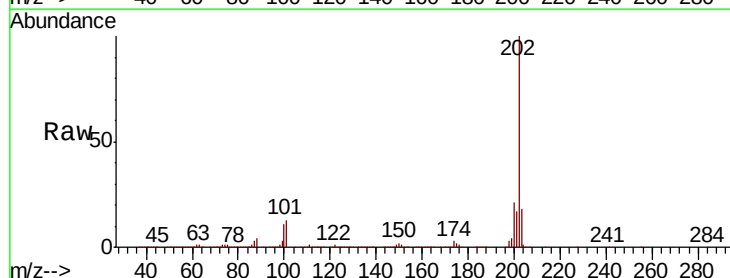
Tgt Ion:202 Resp: 1419654

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

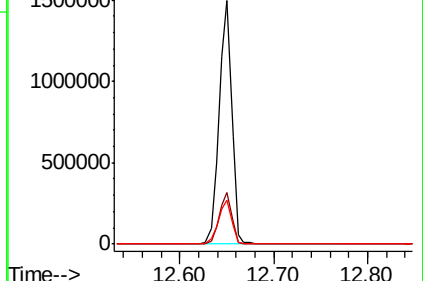
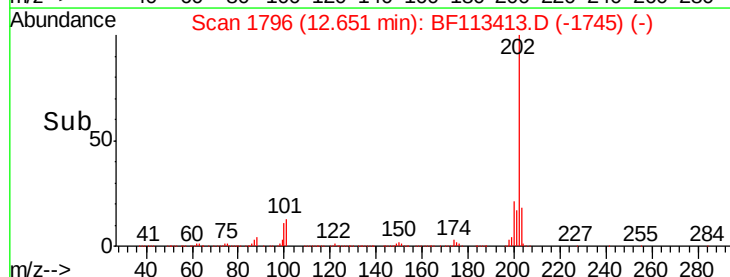
203 18.2 14.4 21.6

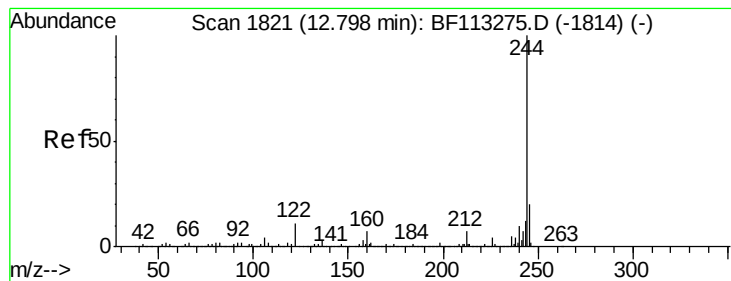


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.477 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

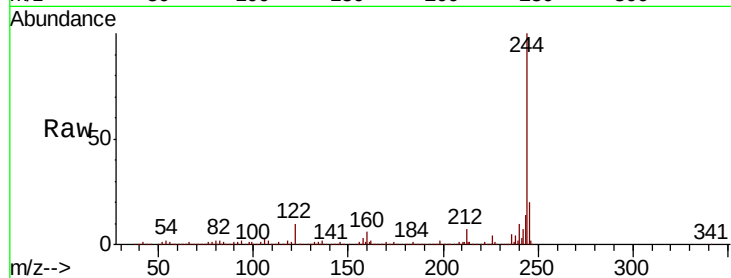
Tgt Ion:244 Resp: 1767311

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

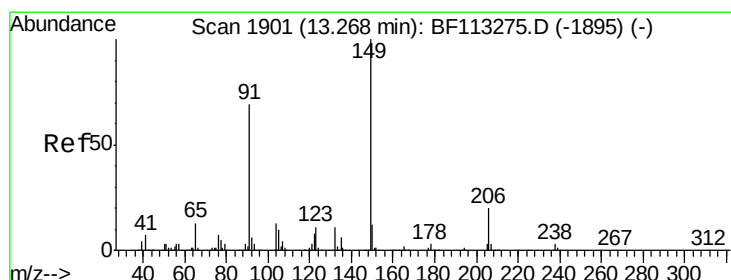
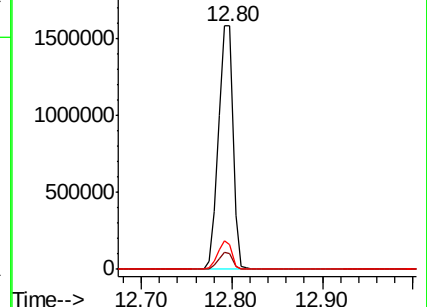
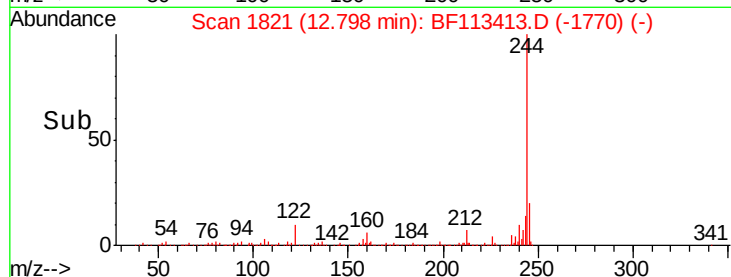
122 9.9 8.6 13.0



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: 40.278 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

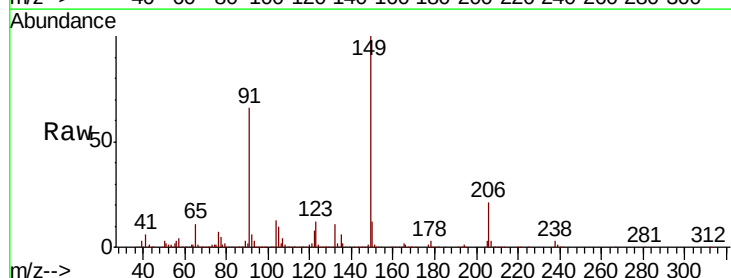
Tgt Ion:149 Resp: 643375

Ion Ratio Lower Upper

149 100

91 65.5 55.2 82.8

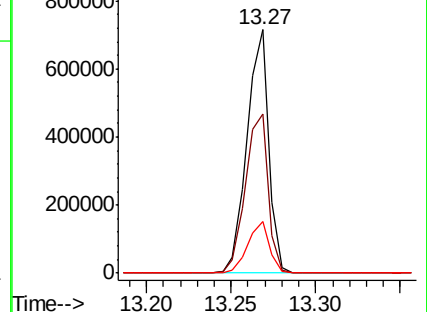
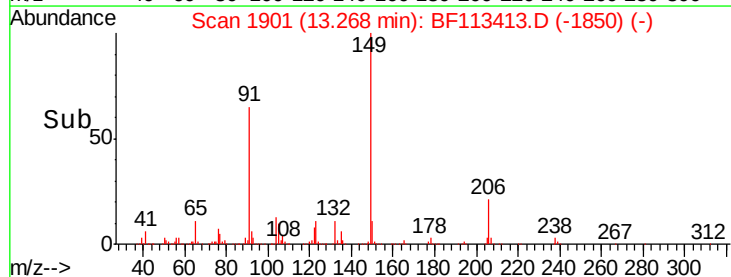
206 21.4 16.1 24.1

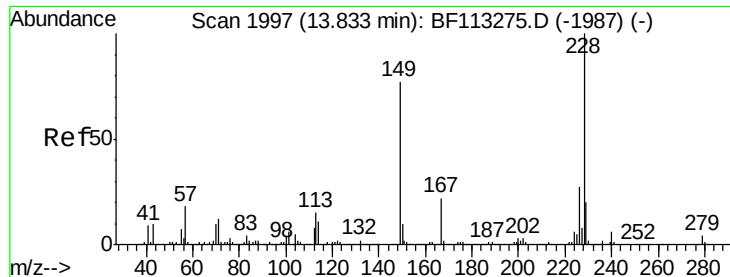


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.012 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

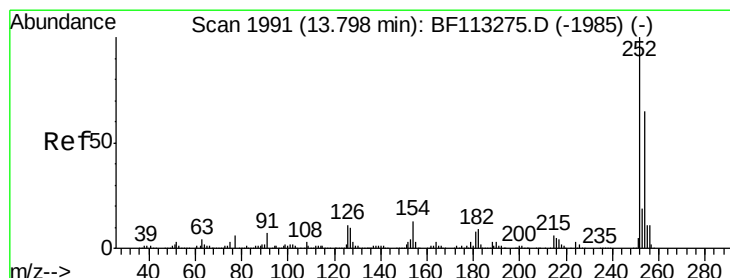
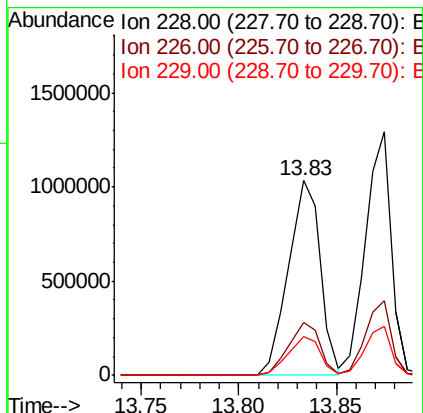
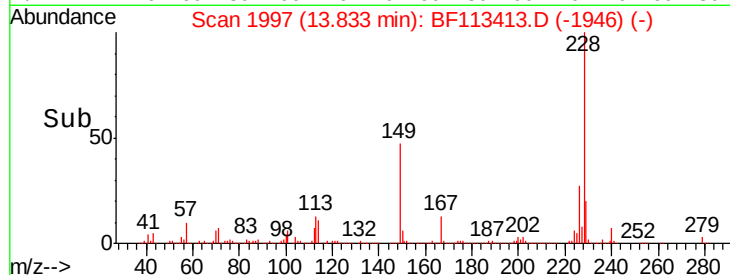
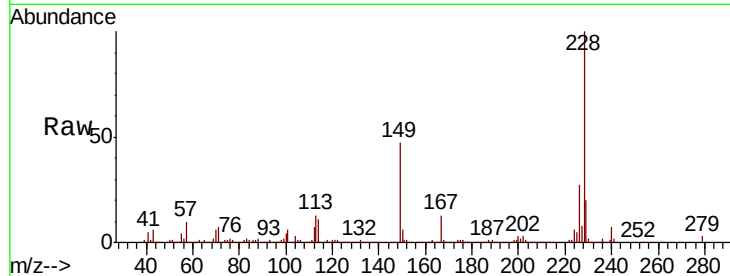
Tgt Ion:228 Resp: 1168002

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 20.1 16.2 24.4



#82

3,3'-Dichlorobenzidine

Concen: 26.313 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

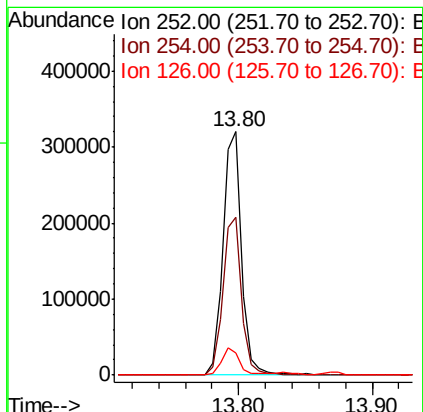
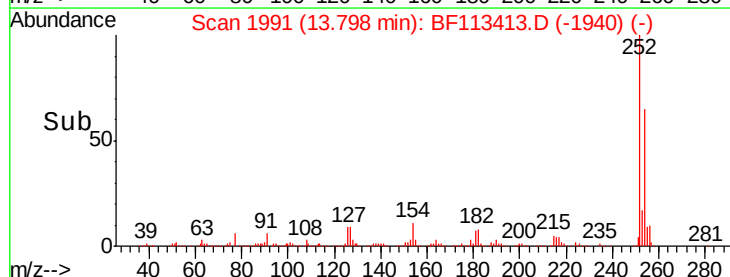
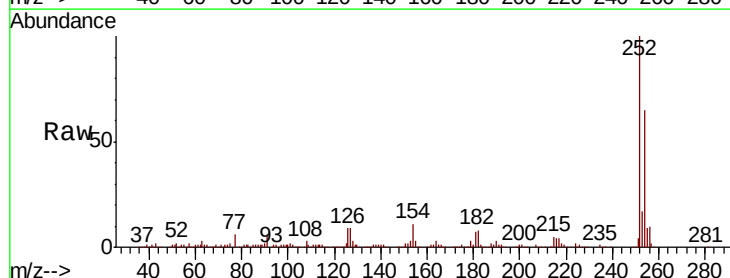
Tgt Ion:252 Resp: 316042

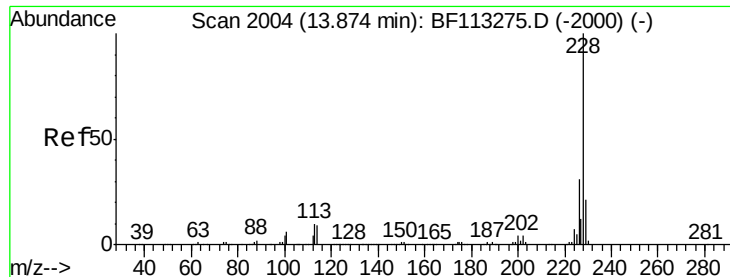
Ion Ratio Lower Upper

252 100

254 64.6 52.2 78.2

126 9.2 8.5 12.7





#83

Chrysene

Concen: 39.451 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

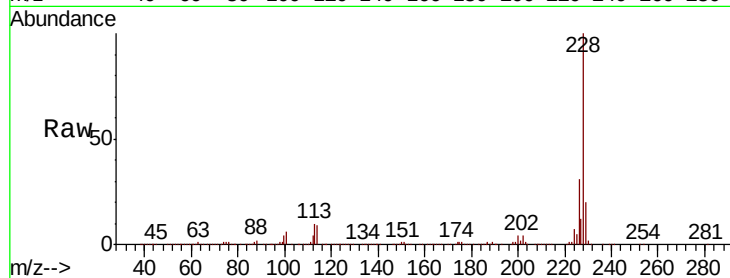
Tgt Ion:228 Resp: 1199730

Ion Ratio Lower Upper

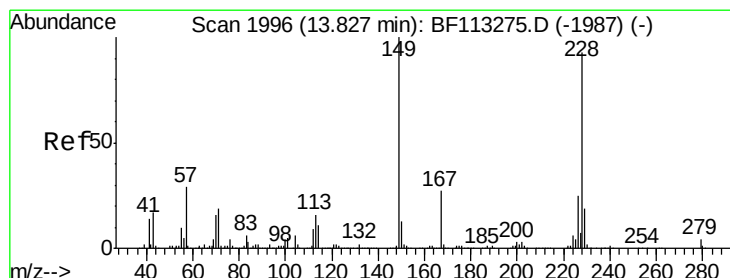
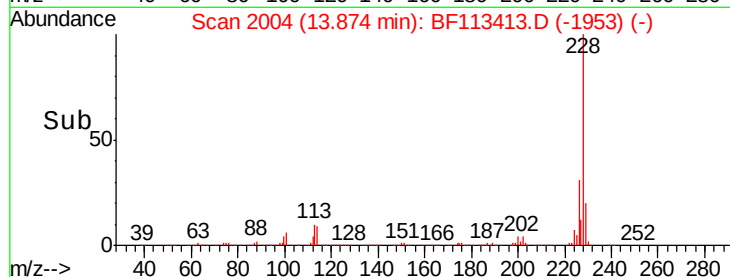
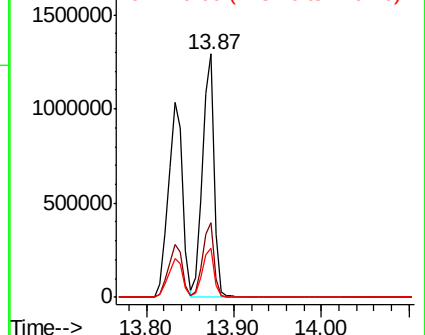
228 100

226 30.6 24.3 36.5

229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.724 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

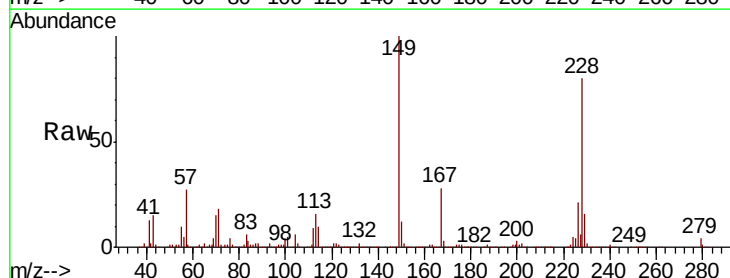
Tgt Ion:149 Resp: 777878

Ion Ratio Lower Upper

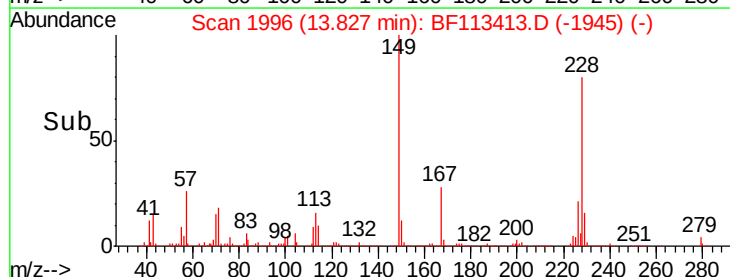
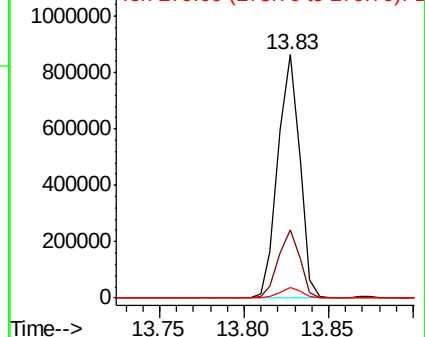
149 100

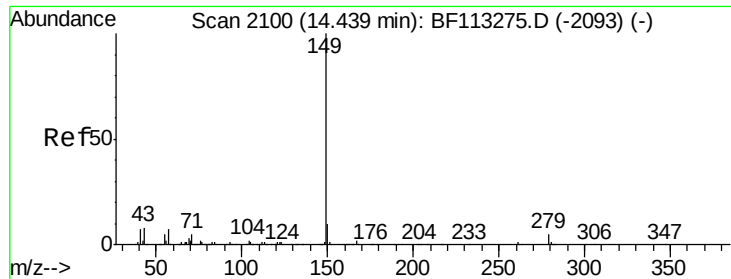
167 28.1 21.8 32.8

279 4.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.726 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

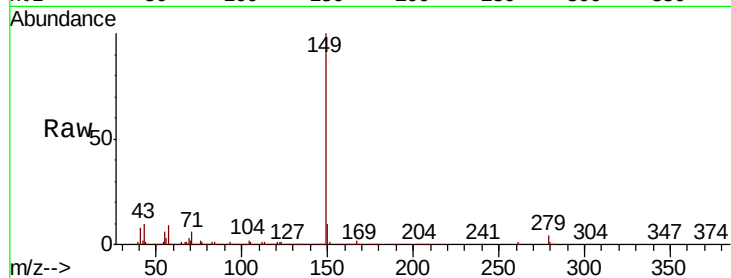
Tgt Ion:149 Resp: 1386937

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

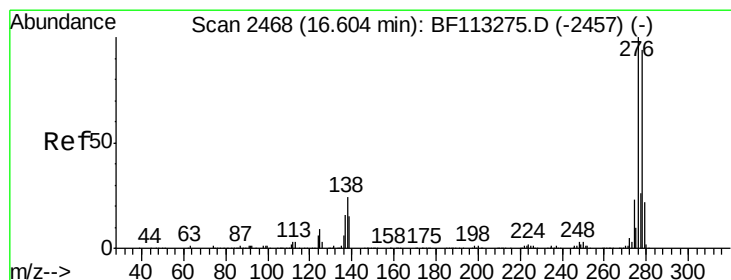
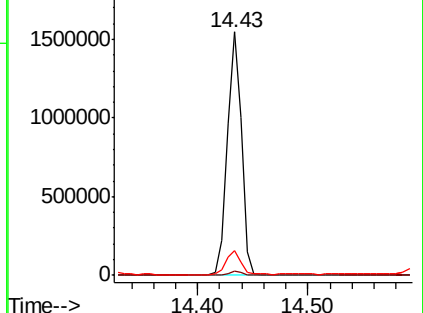
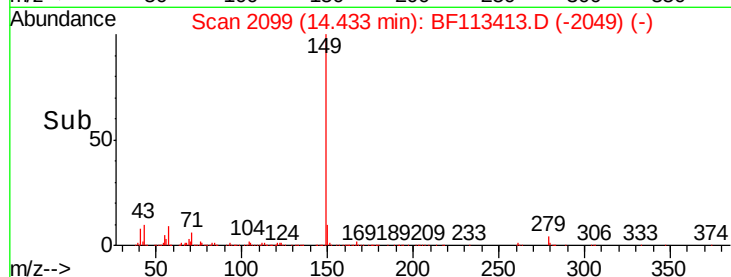
43 9.6 7.7 11.5



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: 50.982 ng

RT: 16.62 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

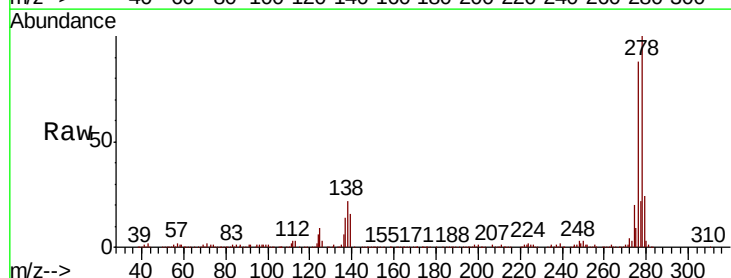
Tgt Ion:276 Resp: 1330565

Ion Ratio Lower Upper

276 100

138 23.9 18.1 27.1

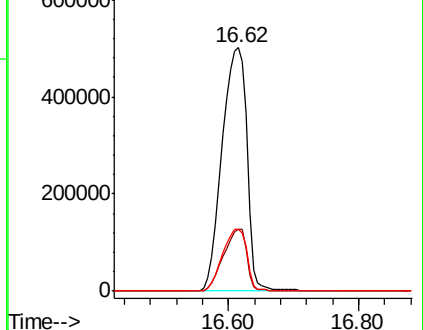
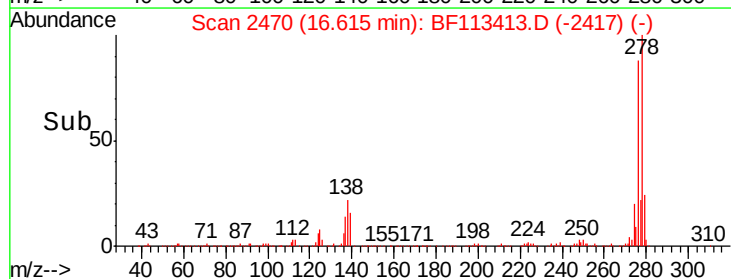
277 25.1 20.2 30.4

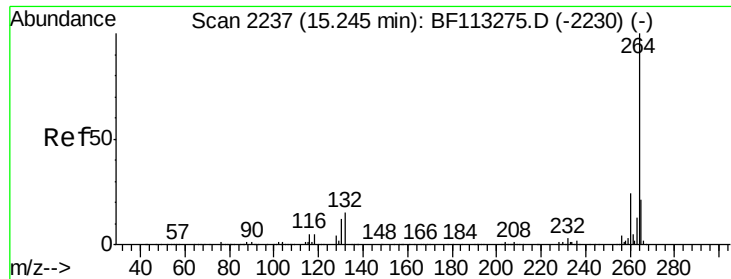


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

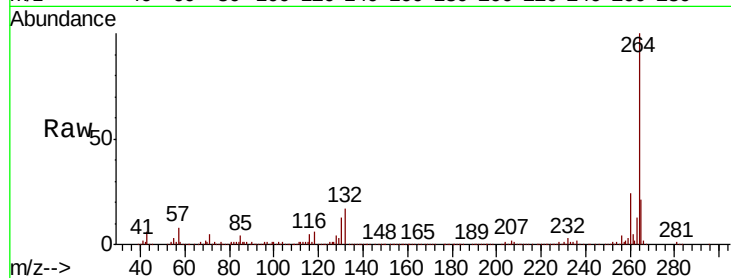




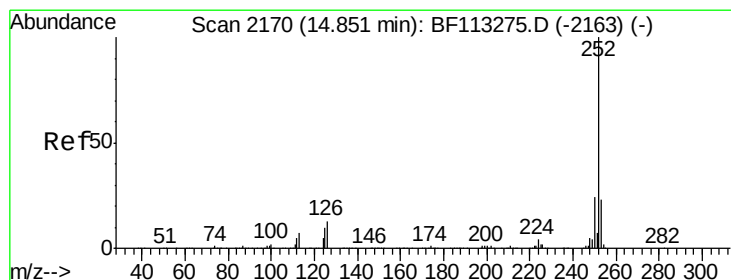
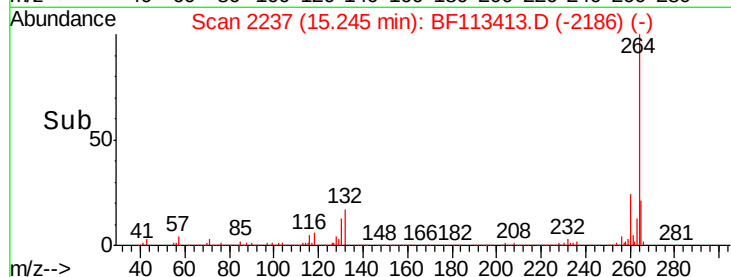
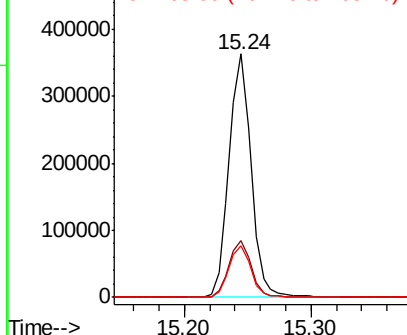
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:264 Resp: 438094
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.5 17.1 25.7

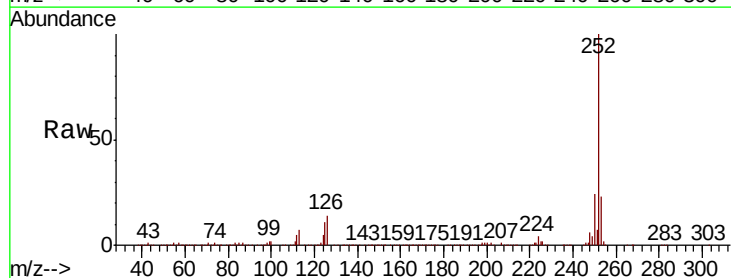


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

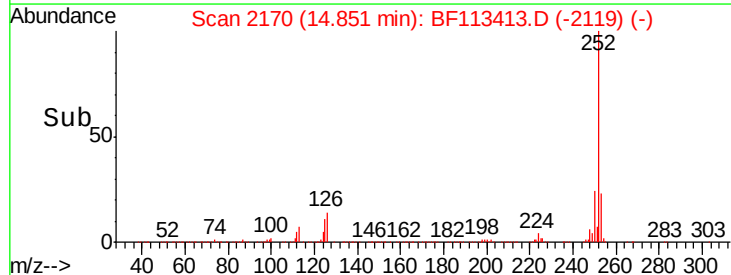
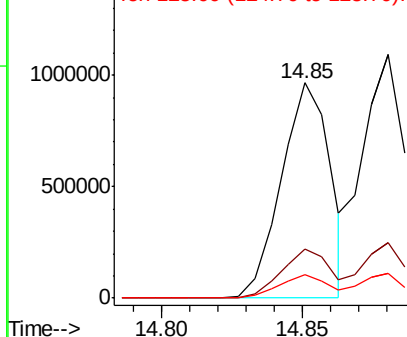


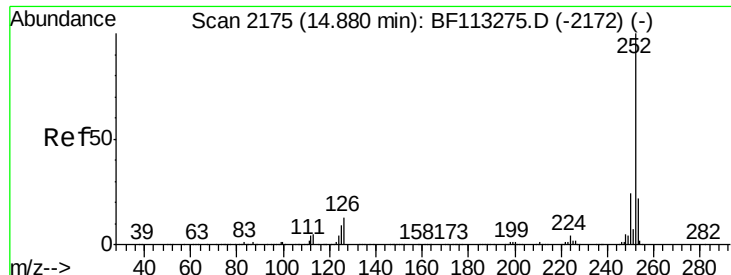
#88
Benzo(b)fluoranthene
Concen: 42.683 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:252 Resp: 1161581
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.7 7.6 11.4



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

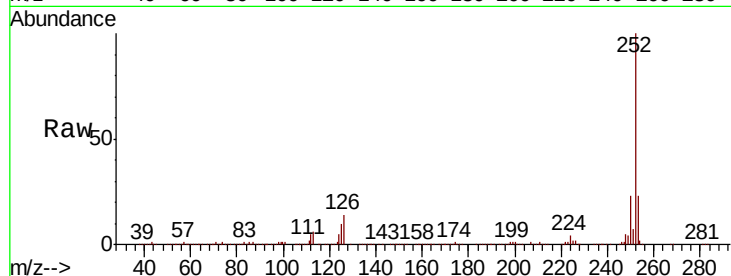




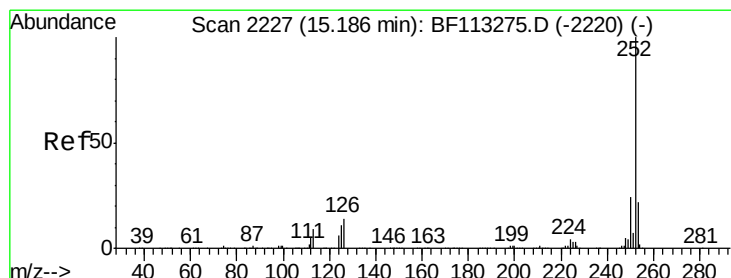
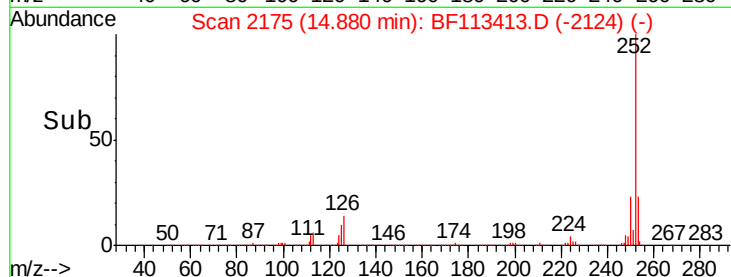
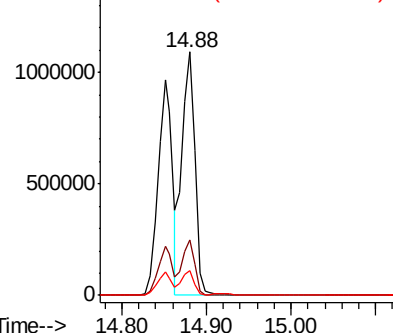
#89
Benzo(k)fluoranthene
Concen: 47.948 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Instrument :
BNA_F
ClientSampleId :
PB118222BS

Tgt Ion:252 Resp: 1145915
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.0 7.3 10.9

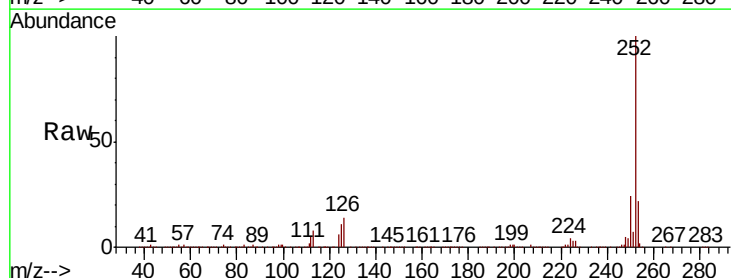


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

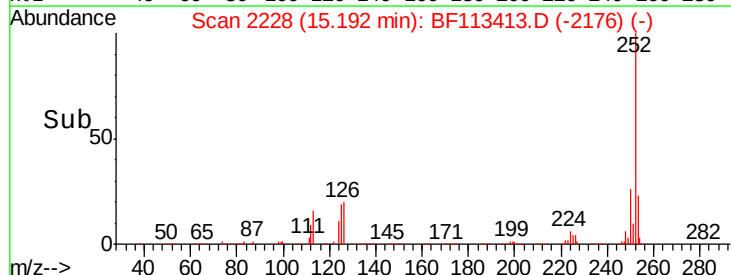
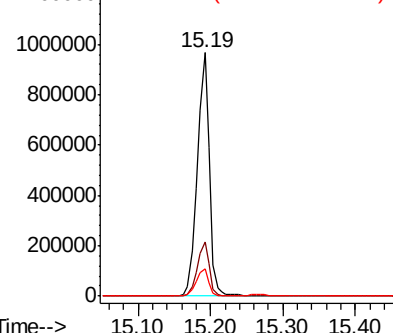


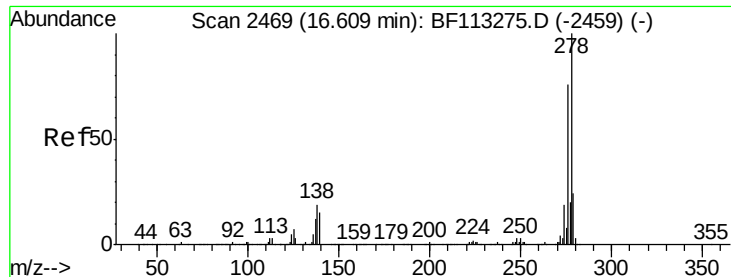
#90
Benzo(a)pyrene
Concen: 46.363 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF113413.D
Acq: 29 Mar 2019 15:03

Tgt Ion:252 Resp: 1118585
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.0 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 53.265 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Instrument :

BNA_F

ClientSampleId :

PB118222BS

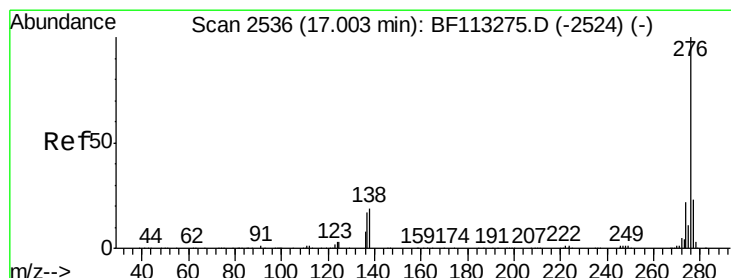
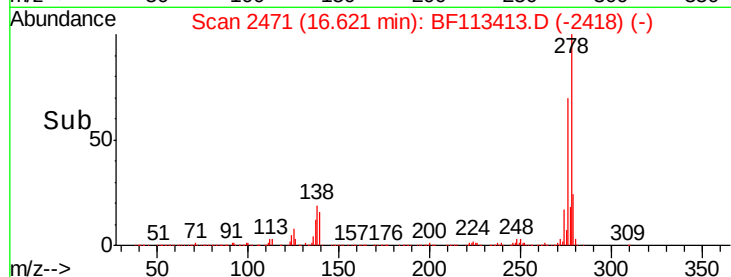
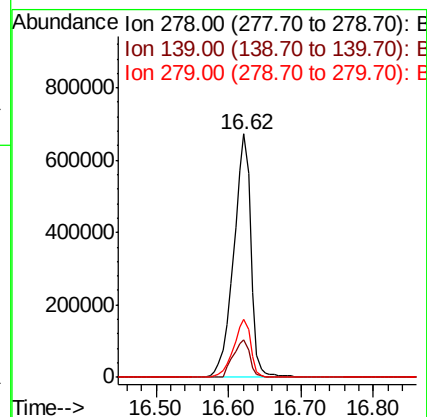
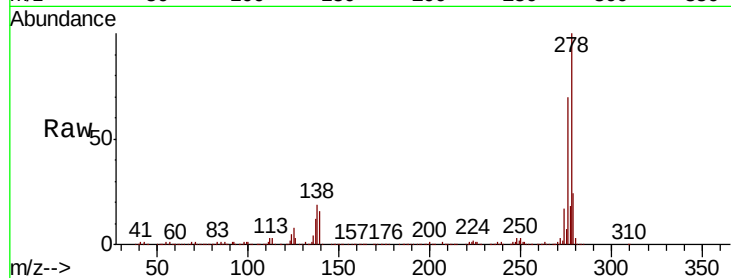
Tgt Ion:278 Resp: 1111181

Ion Ratio Lower Upper

278 100

139 15.5 12.0 18.0

279 24.0 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 55.541 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.02 min

Lab File: BF113413.D

Acq: 29 Mar 2019 15:03

Tgt Ion:276 Resp: 1168255

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 19.9 15.6 23.4

