

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109474.D
 Acq On : 1 Oct 2018 16:02
 Operator : JU/SJ
 Sample : J5077-04MSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Quant Time: Oct 01 16:45:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115049	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	436106	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	186307	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	311289	20.00	ng	0.00
75) Chrysene-d12	13.84	240	253394	20.00	ng	0.00
86) Perylene-d12	15.25	264	192411	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	648067	92.78	ng	0.01
7) Phenol-d6	6.36	99	801065	89.87	ng	0.00
23) Nitrobenzene-d5	7.27	82	516940	69.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	163509	89.03	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	846591	68.53	ng	-0.01
78) Terphenyl-d14	12.80	244	668954	64.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	76016	23.630	ng	95
3) Pyridine	3.11	79	215445	26.021	ng	93
4) n-Nitrosodimethylamine	3.03	42	105563	29.959	ng	98
6) Aniline	6.37	93	208041	18.244	ng	# 1
8) 2-Chlorophenol	6.50	128	240319	30.939	ng	94
9) Benzaldehyde	6.25	77	116363	20.322	ng	100
10) Phenol	6.37	94	293800	29.107	ng	80
11) bis(2-Chloroethyl)ether	6.45	93	244126	30.909	ng	97
12) 1,3-Dichlorobenzene	6.65	146	262650	29.368	ng	98
13) 1,4-Dichlorobenzene	6.72	146	268024	29.748	ng	99
14) 1,2-Dichlorobenzene	6.87	146	249255	29.989	ng	100
15) Benzyl Alcohol	6.86	79	209302	30.678	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	319948	28.558	ng	75
17) 2-Methylphenol	6.97	107	187184	29.782	ng	# 93
18) Hexachloroethane	7.22	117	89665	28.247	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	172897	29.604	ng	99
20) 3+4-Methylphenols	7.13	107	236283	31.138	ng	94
22) Acetophenone	7.12	105	341822	33.902	ng	99
24) Nitrobenzene	7.29	77	256137	32.608	ng	95
25) Isophorone	7.53	82	451779	33.960	ng	97
26) 2-Nitrophenol	7.60	139	117266	37.749	ng	96
27) 2,4-Dimethylphenol	7.65	122	198412	34.229	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	293375	33.314	ng	98
29) 2,4-Dichlorophenol	7.85	162	190666	31.307	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	208316	30.611	ng	97
31) Naphthalene	8.01	128	672740	33.011	ng	99
32) Benzoic acid	7.73	122	8478	8.644	ng	96
33) 4-Chloroaniline	8.06	127	159302	17.894	ng	98
34) Hexachlorobutadiene	8.13	225	125973	30.706	ng	99
35) Caprolactam	8.42	113	56095	28.849	ng	# 78
36) 4-Chloro-3-methylphenol	8.55	107	186071	29.034	ng	98
37) 2-Methylnaphthalene	8.70	142	440460	33.527	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	199507	33.648	ng	98
40) Hexachlorocyclopentadiene	8.86	237	86592	33.483	ng	98

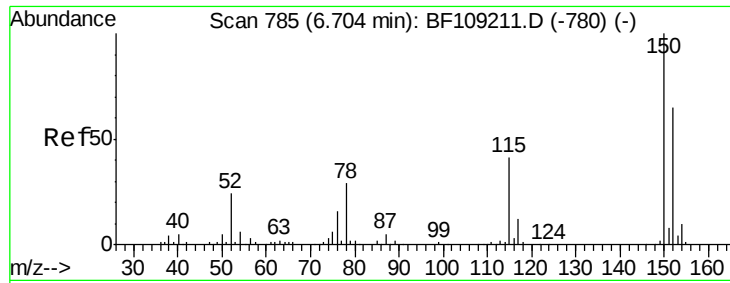
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	127995	33.635	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	127769	31.791	nq	94
45) 1,1'-Biphenyl	9.16	154	508516	33.500	nq	97
46) 2-Chloronaphthalene	9.19	162	382920	31.577	nq	98
47) 2-Nitroaniline	9.28	65	114787	33.386	nq	93
48) Acenaphthylene	9.60	152	587129	32.094	nq	99
49) Dimethylphthalate	9.46	163	543464	40.106	nq	100
50) 2,6-Dinitrotoluene	9.52	165	90477	33.713	nq	93
51) Acenaphthene	9.77	154	331743	29.993	nq	98
52) 3-Nitroaniline	9.69	138	76864	24.731	nq	98
53) 2,4-Dinitrophenol	9.80	184	13931	21.585	nq	# 21
54) Dibenzofuran	9.94	168	492829	29.961	nq	97
55) 4-Nitrophenol	9.87	139	120689	51.548	nq	92
56) 2,4-Dinitrotoluene	9.93	165	109082	32.123	nq	# 99
57) Fluorene	10.28	166	365240	31.120	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	100290	31.515	nq	# 87
59) Diethylphthalate	10.16	149	433993	31.627	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	182164	29.717	nq	96
61) 4-Nitroaniline	10.30	138	76741	25.319	nq	98
62) Azobenzene	10.43	77	398294	27.937	nq	97
64) 4,6-Dinitro-2-methylphenol	10.33	198	16831	18.194	nq	97
65) n-Nitrosodiphenylamine	10.40	169	341609	33.215	nq	95
66) 4-Bromophenyl-phenylether	10.76	248	112161	32.447	nq	89
67) Hexachlorobenzene	10.83	284	115230	31.387	nq	# 92
68) Atrazine	10.92	200	104515	33.042	nq	97
69) Pentachlorophenol	11.03	266	118150	53.771	nq	98
70) Phenanthrene	11.24	178	517162	33.274	nq	99
71) Anthracene	11.29	178	511499	32.447	nq	99
72) Carbazole	11.44	167	450200	28.703	nq	99
73) Di-n-butylphthalate	11.78	149	597380	33.084	nq	99
74) Fluoranthene	12.42	202	583782	35.147	nq	97
77) Pyrene	12.65	202	585578	32.245	nq	100
79) Butylbenzylphthalate	13.27	149	248183	32.122	nq	97
80) Benzo(a)anthracene	13.83	228	481149	31.524	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	61699	10.637	nq	99
82) Chrysene	13.87	228	488714	32.306	nq	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	332634	34.138	nq	98
84) Di-n-octyl phthalate	14.44	149	580794	34.861	nq	100
85) Indeno(1,2,3-cd)pyrene	16.61	276	320347	26.125	nq	# 91
87) Benzo(b)fluoranthene	14.85	252	412711	39.035	nq	96
88) Benzo(k)fluoranthene	14.85	252	412711	41.136	nq	97
89) Benzo(a)pyrene	15.19	252	328079	34.437	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	259870	33.249	nq	95
91) Benzo(g,h,i)perylene	17.02	276	263633	34.320	nq	# 91

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

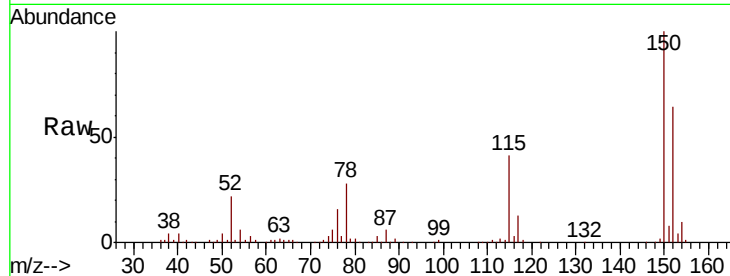


#1

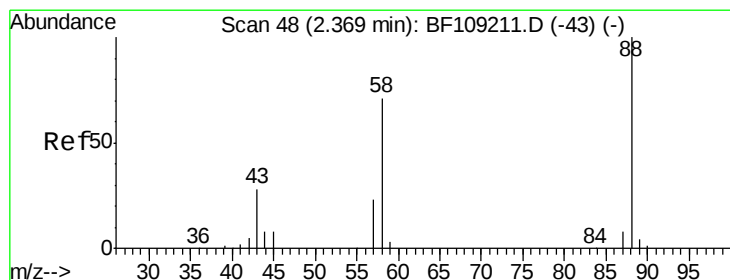
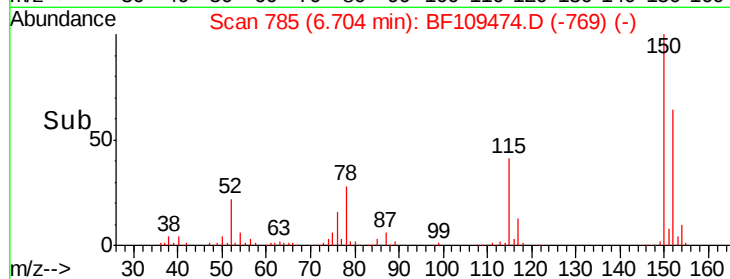
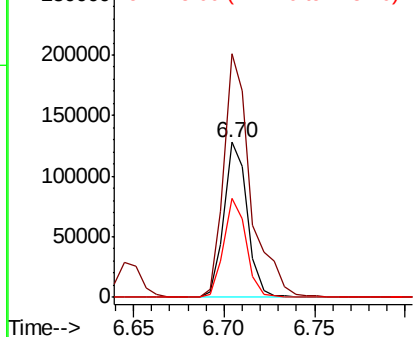
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:152 Resp: 115049
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 63.7 50.1 75.1



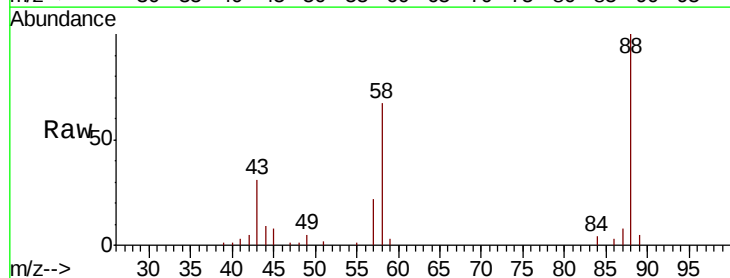
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



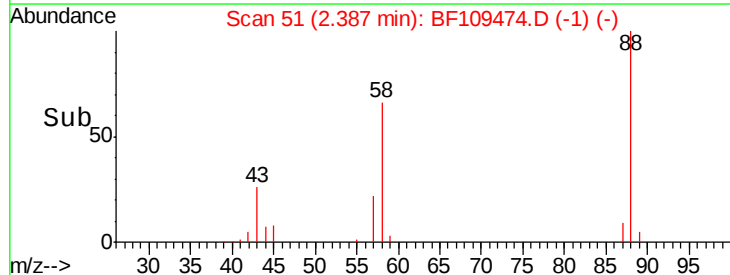
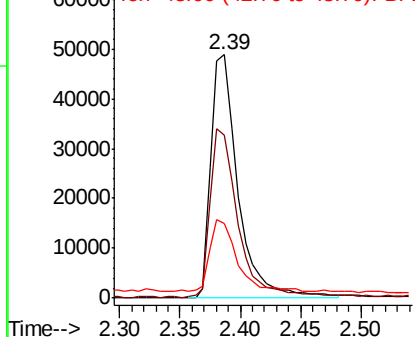
#2

1,4-Dioxane
Concen: 23.630 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion: 88 Resp: 76016
Ion Ratio Lower Upper
88 100
58 72.6 62.6 93.8
43 29.6 24.6 37.0



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





#3

Pvridine

Concen: 26.021 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.05 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

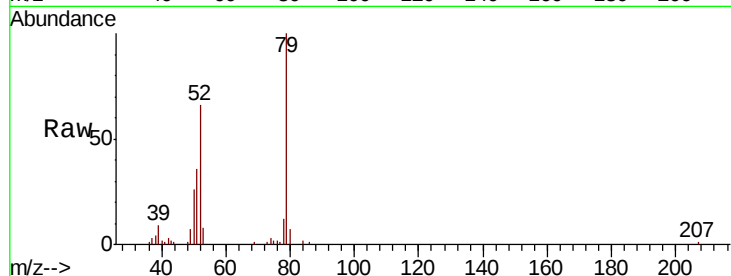
Tot Ion: 79 Resp: 215445

Ion Ratio Lower Upper

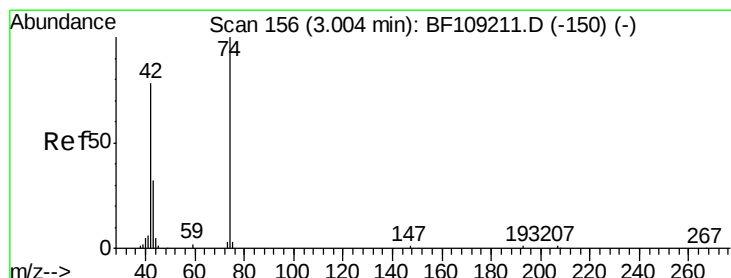
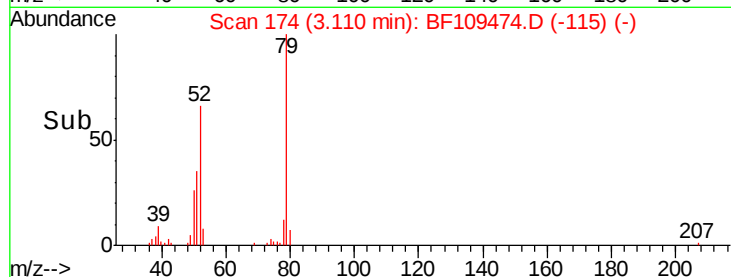
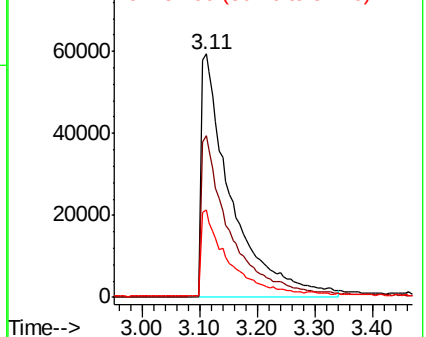
79 100

52 66.4 59.8 89.6

51 36.0 29.8 44.8



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: 29.959 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

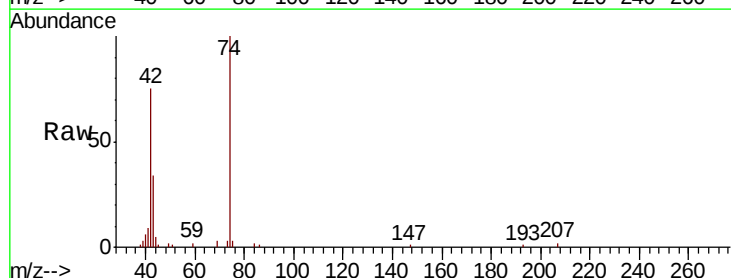
Tgt Ion: 42 Resp: 105563

Ion Ratio Lower Upper

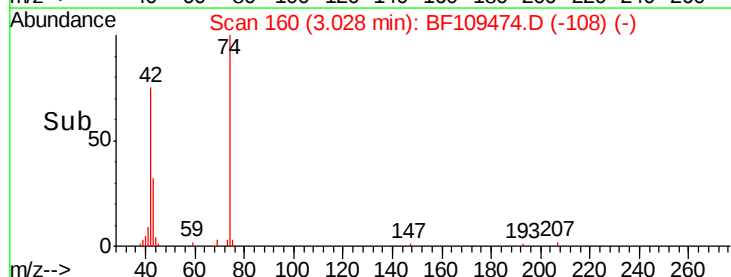
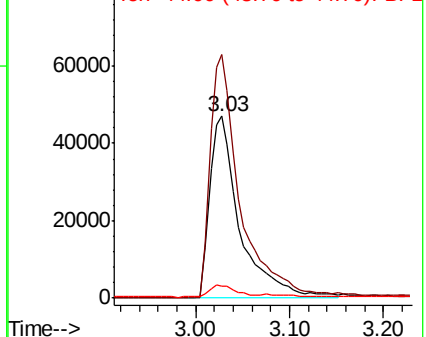
42 100

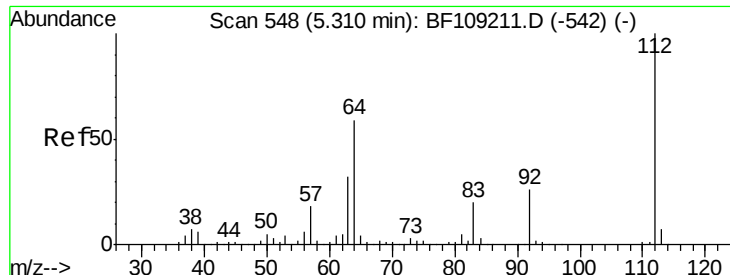
74 133.8 104.9 157.3

44 6.9 6.9 10.3



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: 92.779 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

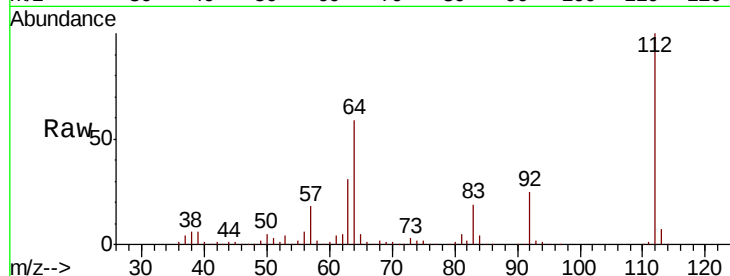
Instrument :

BNA_F

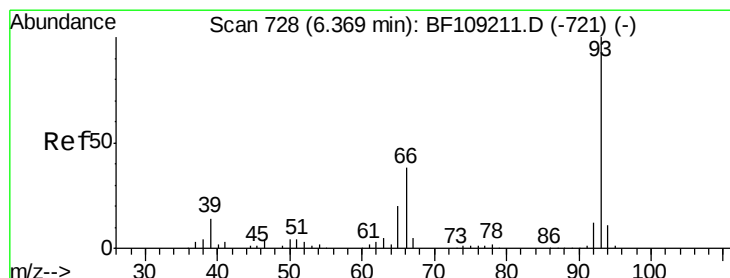
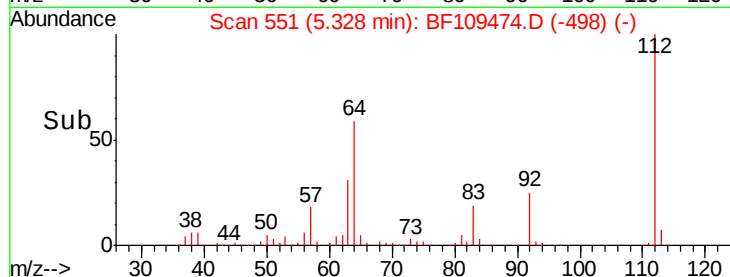
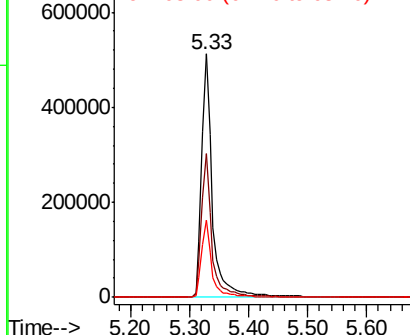
ClientSampleId :

PARCEL-190-092418-2MSD

Tot Ion:	112	Resp:	648067
Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	31.5	23.7	35.5



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: 18.244 ng

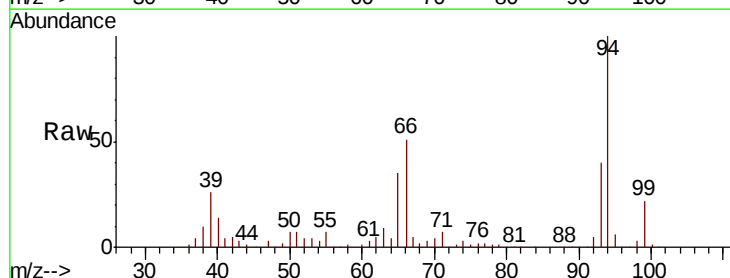
RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

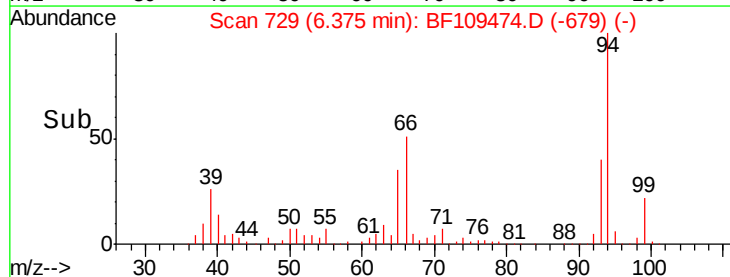
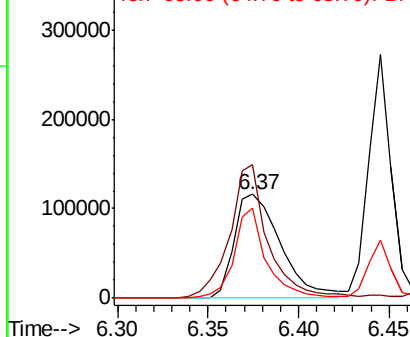
Lab File: BF109474.D

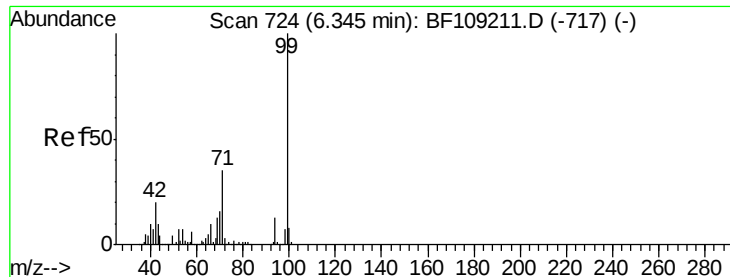
Acq: 1 Oct 2018 16:02

Tgt Ion:	93	Resp:	208041
Ion	Ratio	Lower	Upper
93	100		
66	128.5	32.2	48.2#
65	86.7	16.4	24.6#



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: 89.874 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

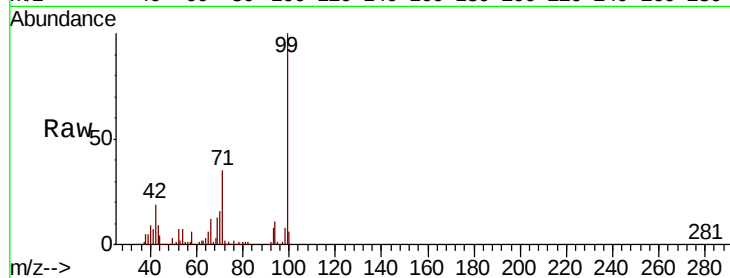
Tot Ion: 99 Resp: 801065

Ion Ratio Lower Upper

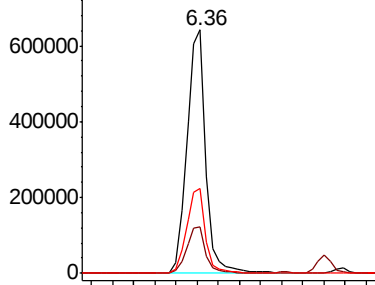
99 100

42 19.0 14.5 21.7

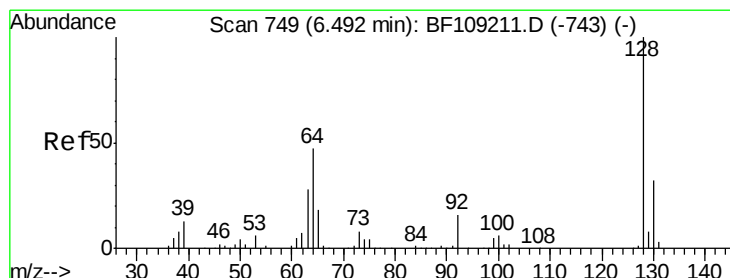
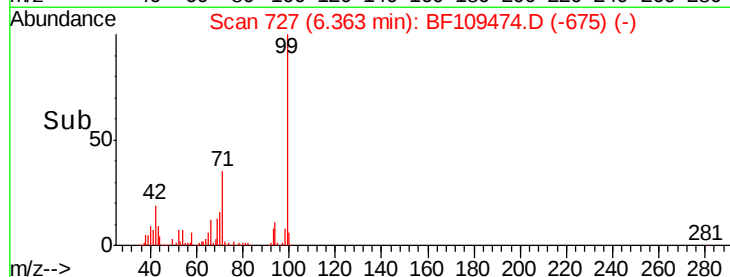
71 35.0 25.4 38.0



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



Time-->



#8

2-Chlorophenol

Concen: 30.939 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

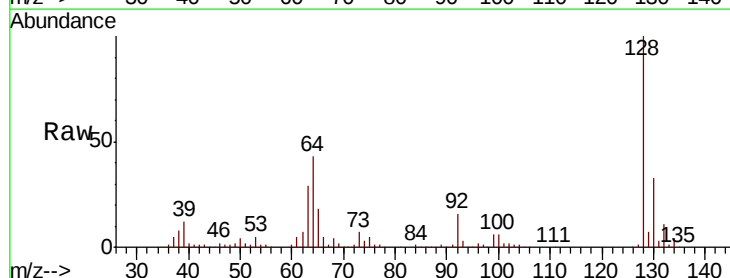
Tgt Ion: 128 Resp: 240319

Ion Ratio Lower Upper

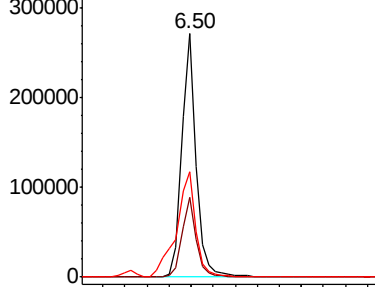
128 100

130 32.7 13.0 53.0

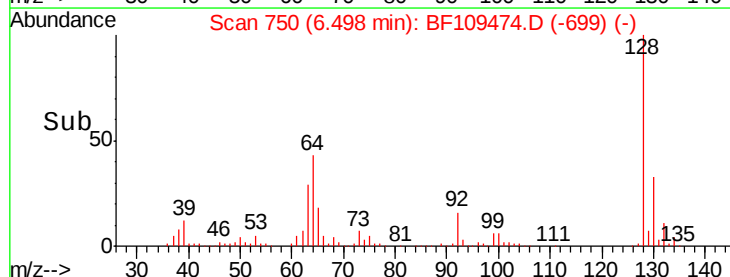
64 43.3 29.4 69.4

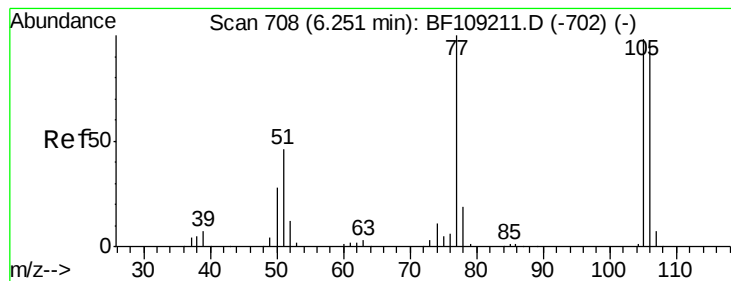


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 20.322 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

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PARCEL-190-092418-2MSD

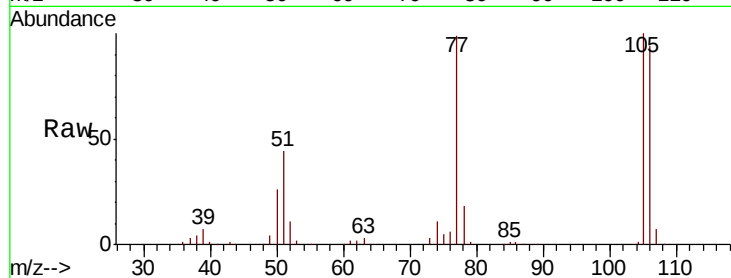
Tot Ion: 77 Resp: 116363

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

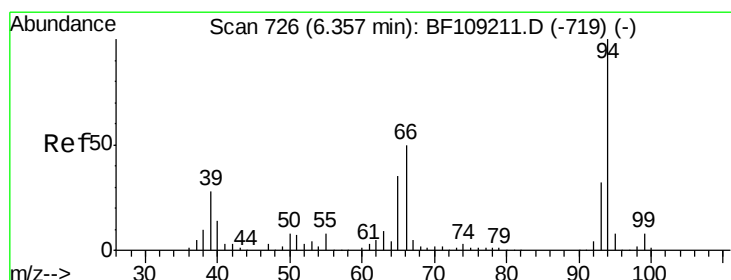
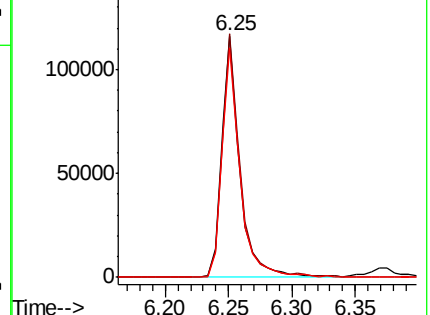
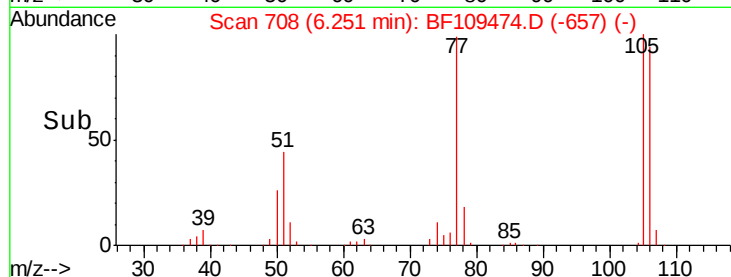
106 94.9 74.5 114.5



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: 29.107 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

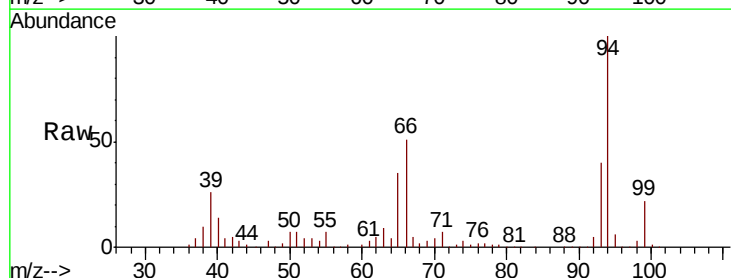
Tgt Ion: 94 Resp: 293800

Ion Ratio Lower Upper

94 100

65 34.6 7.9 47.9

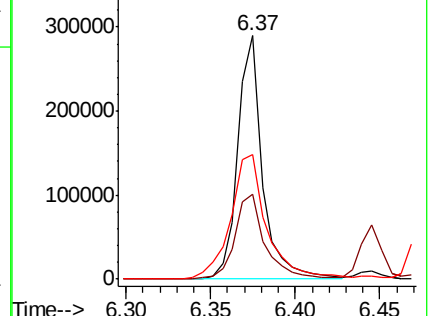
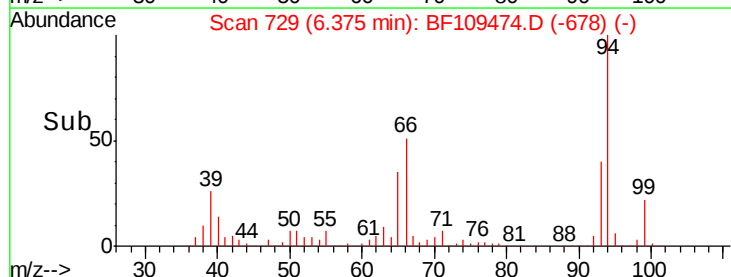
66 51.3 16.2 56.2

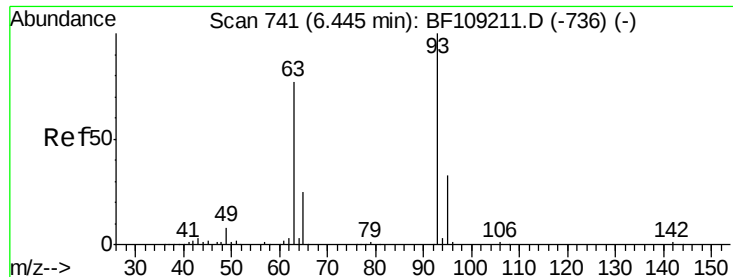


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

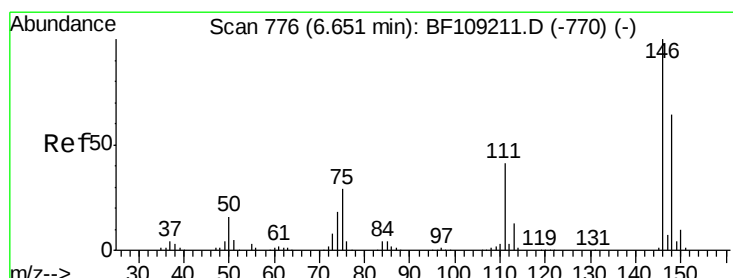
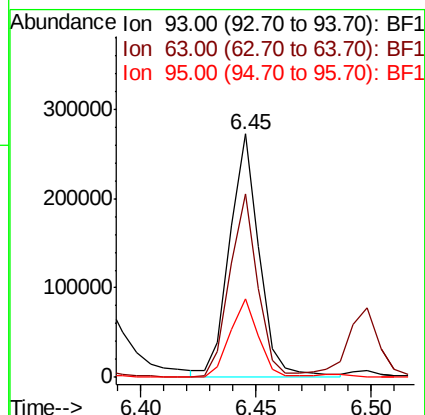
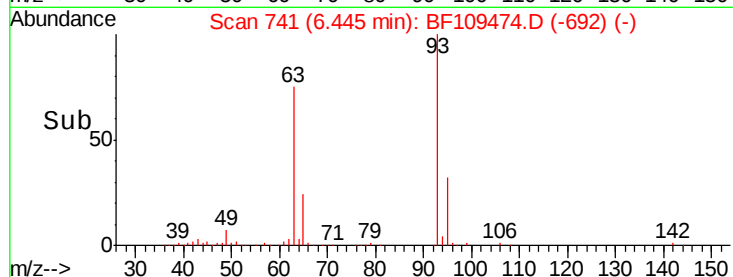
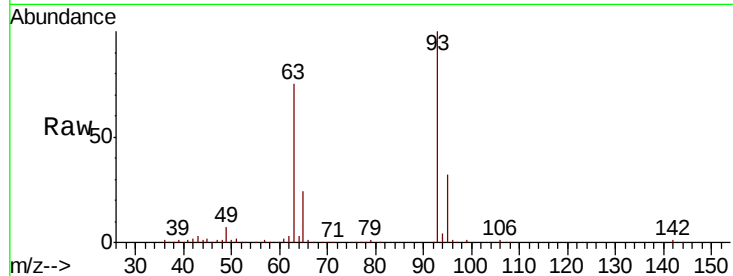




#11
bis(2-Chloroethyl)ether
Concen: 30.909 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

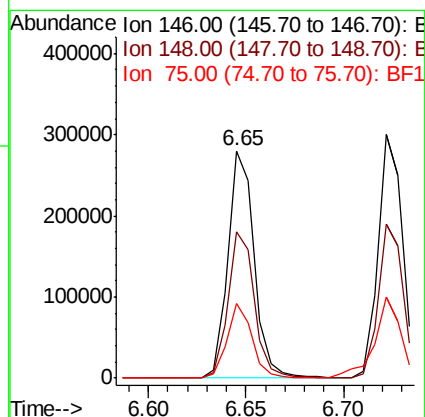
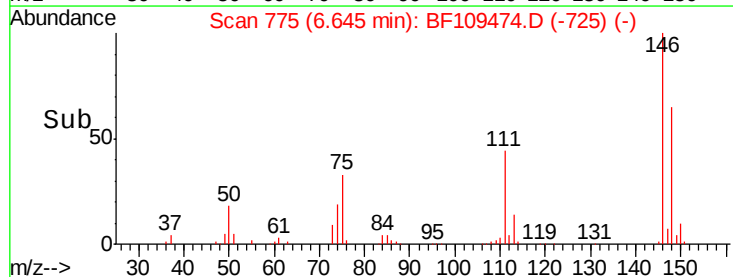
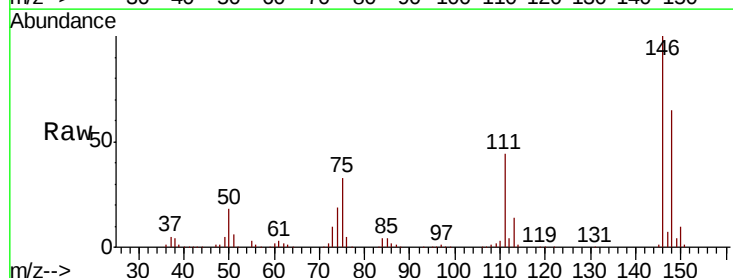
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

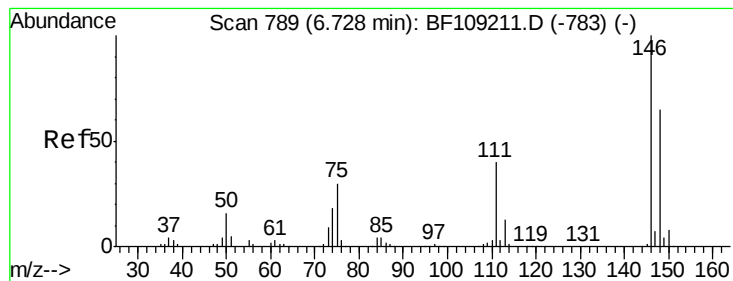
Tot Ion: 93 Resp: 244126
Ion Ratio Lower Upper
93 100
63 75.3 58.6 98.6
95 32.2 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 29.368 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion: 146 Resp: 262650
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 32.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 29.748 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

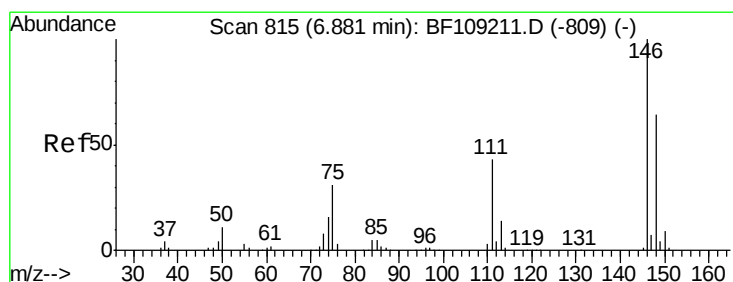
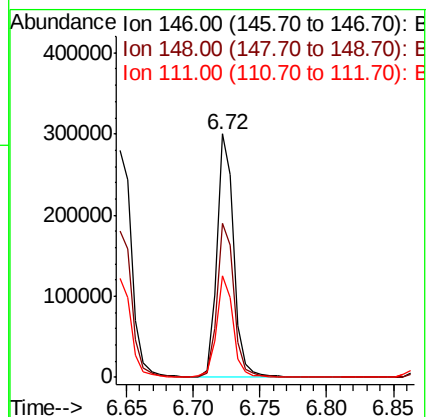
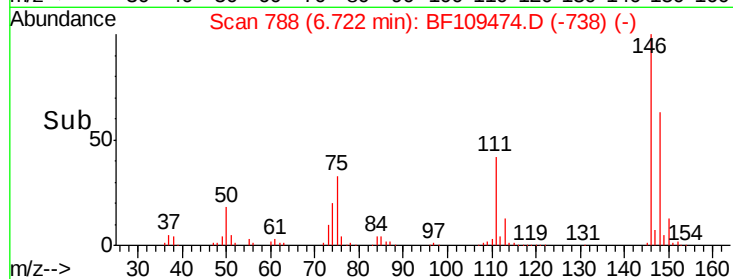
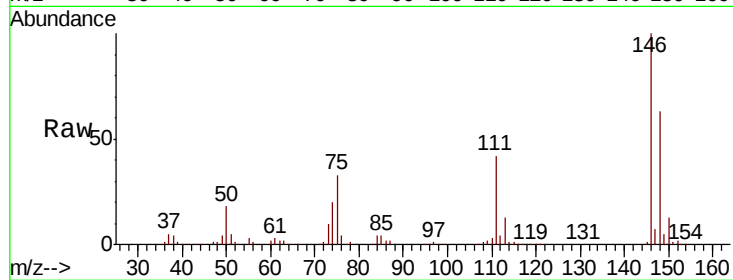
Tot Ion:146 Resp: 268024

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

111 41.8 34.2 51.2



#14

1,2-Dichlorobenzene

Concen: 29.989 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

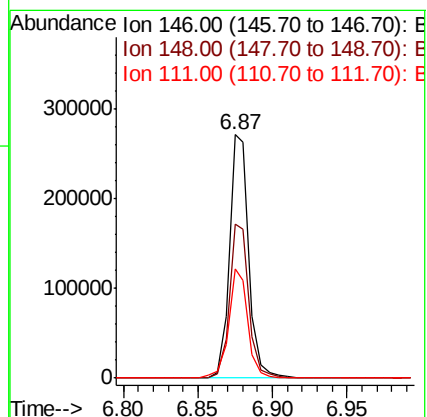
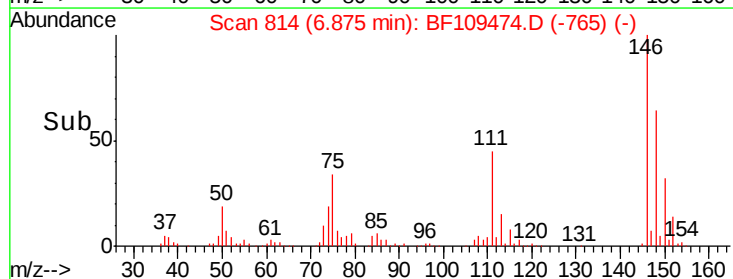
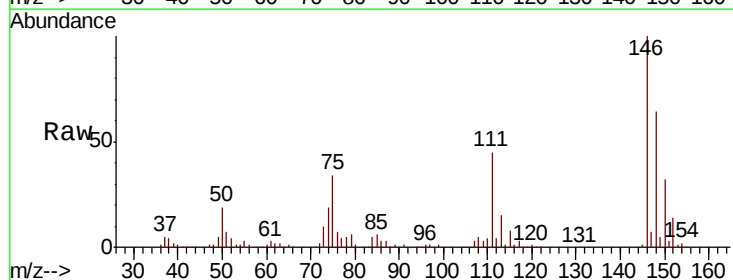
Tgt Ion:146 Resp: 249255

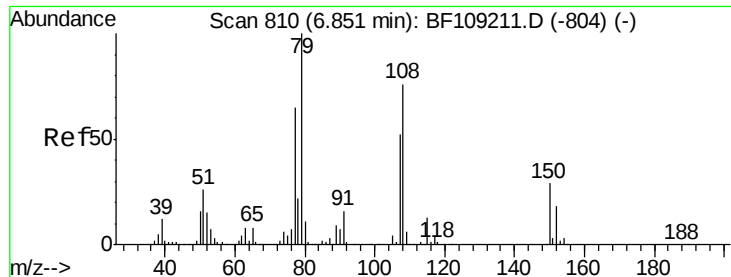
Ion Ratio Lower Upper

146 100

148 63.5 50.6 75.8

111 45.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 30.678 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

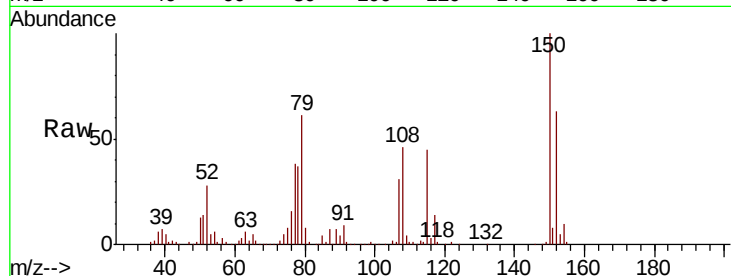
Tot Ion: 79 Resp: 209302

Ion Ratio Lower Upper

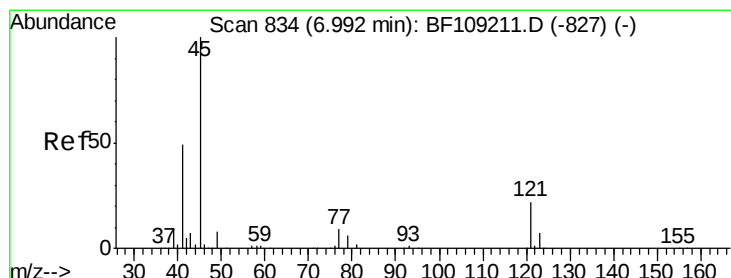
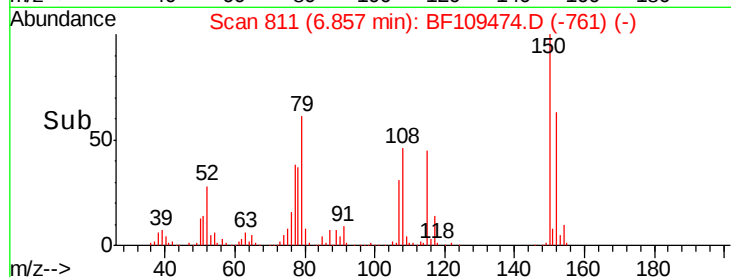
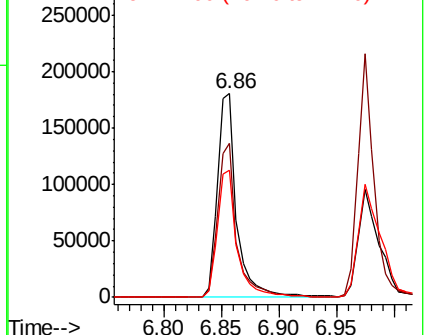
79 100

108 75.7 65.1 97.7

77 62.6 50.6 75.8



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: 28.558 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

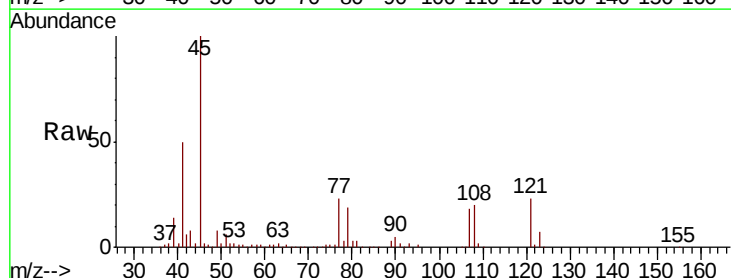
Tgt Ion: 45 Resp: 319948

Ion Ratio Lower Upper

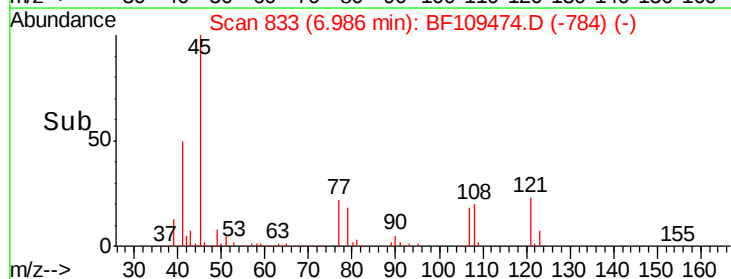
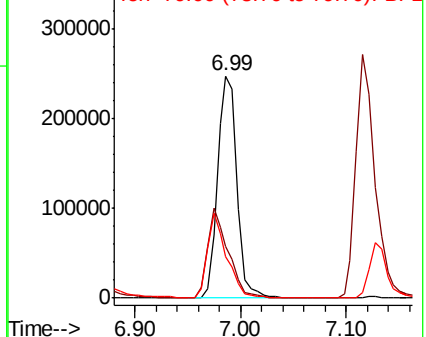
45 100

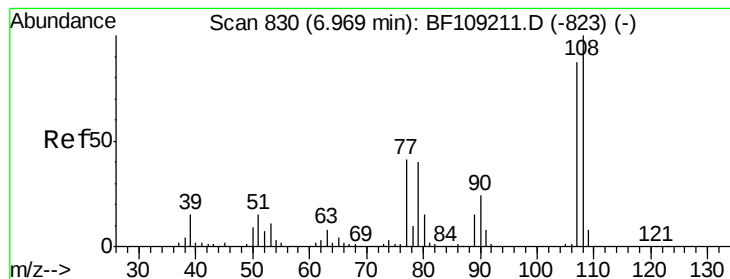
77 23.0 0.0 32.9

79 18.6 0.0 29.6



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: 29.782 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

Tot Ion:107 Resp: 187184

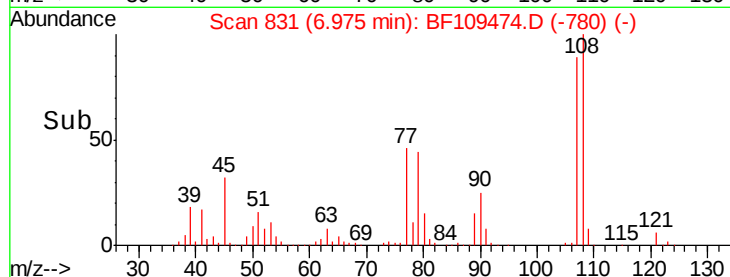
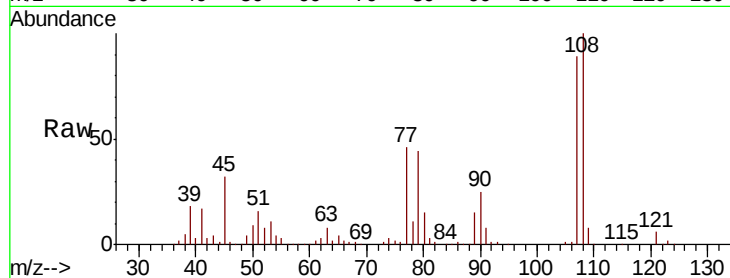
Ion Ratio Lower Upper

107 100

108 111.9 91.7 137.5

77 51.8 33.8 50.8#

79 49.4 33.8 50.8



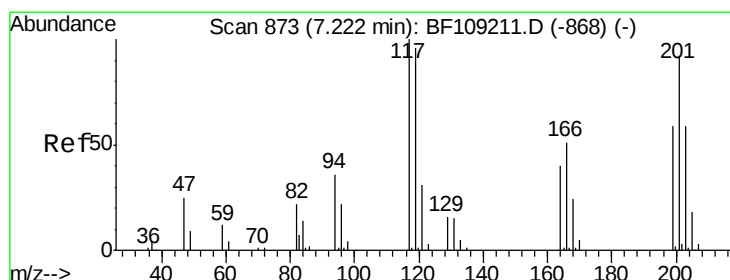
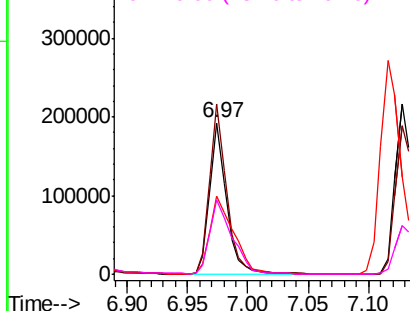
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 28.247 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

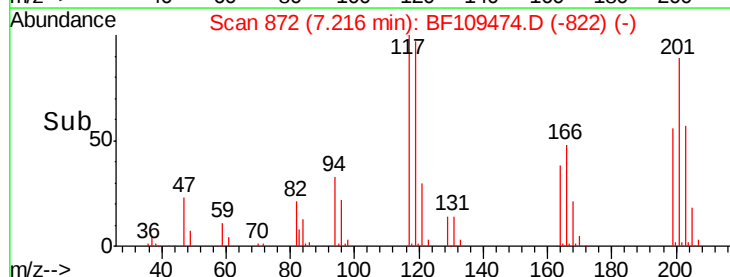
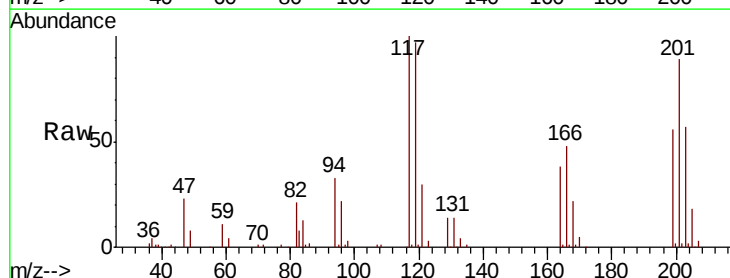
Tgt Ion:117 Resp: 89665

Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.8

201 88.9 75.7 113.5

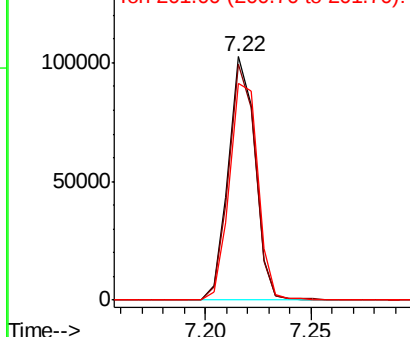


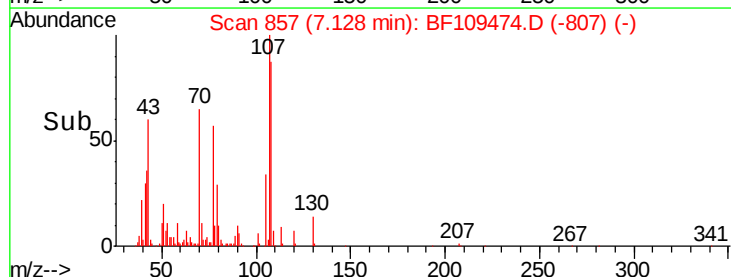
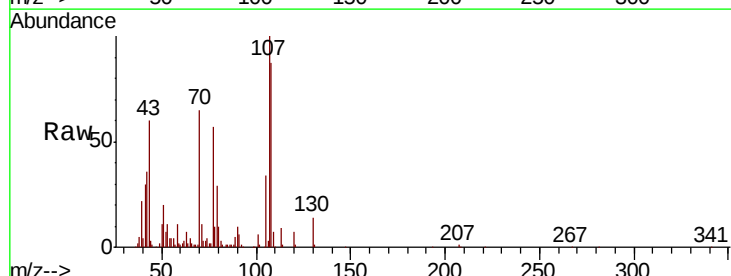
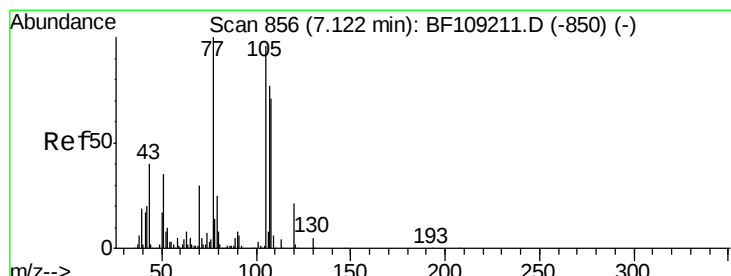
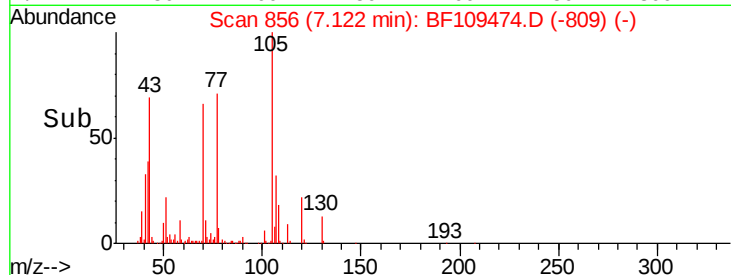
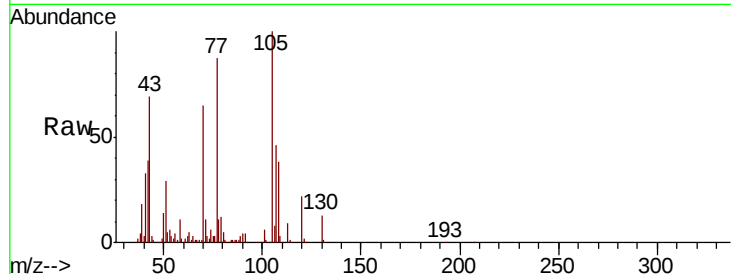
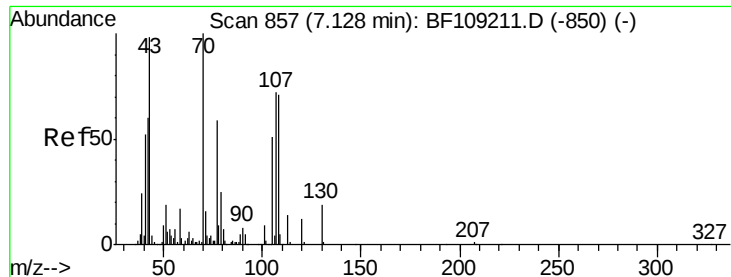
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

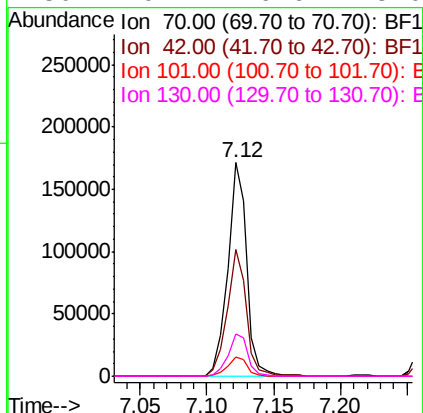




#19
n-Nitroso-di-n-propylamine
Concen: 29.604 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

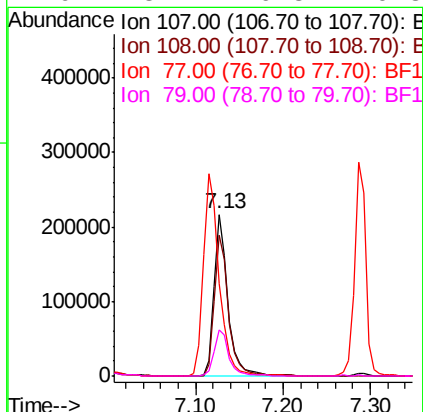
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

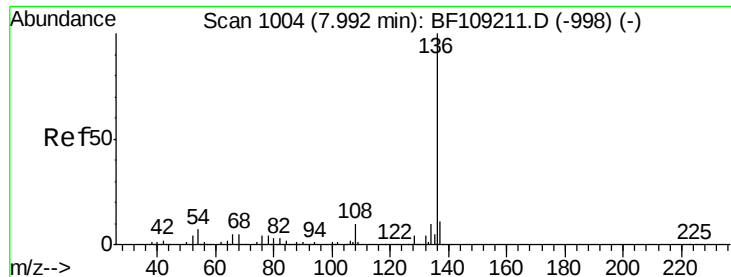
Tot Ion:	70	Resp:	172897
Ion	Ratio	Lower	Upper
70	100		
42	59.5	47.5	71.3
101	9.2	7.4	11.2
130	19.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 31.138 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:	107	Resp:	236283
Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	57.1	26.7	66.7
79	28.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

Tot Ion:136 Resp: 436106

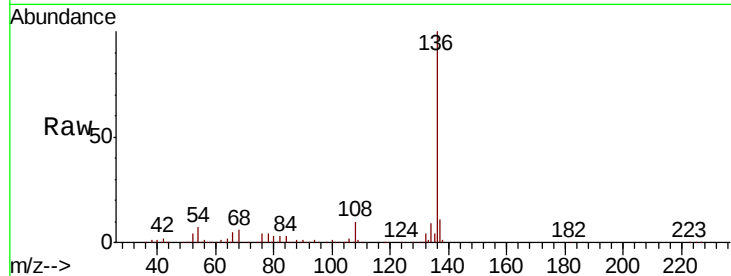
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.1 6.6 9.8

68 5.7 5.0 7.4



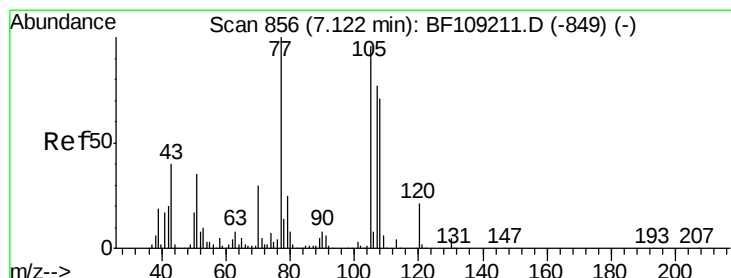
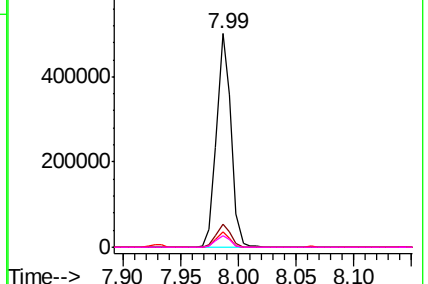
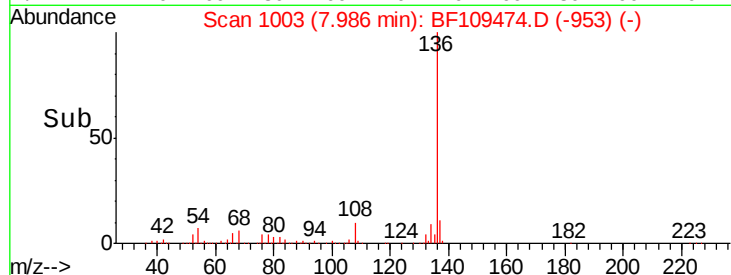
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 33.902 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Tgt Ion:105 Resp: 341822

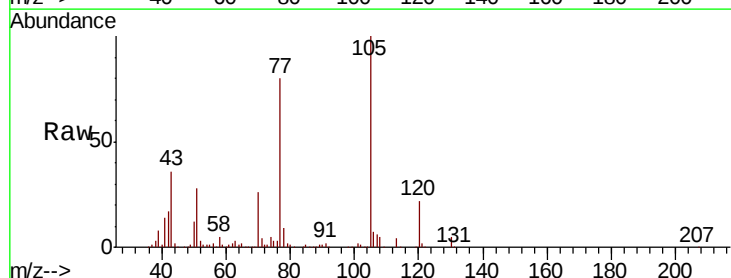
Ion Ratio Lower Upper

105 100

71 4.5 4.4 6.6

51 27.6 22.3 33.5

120 22.2 16.9 25.3



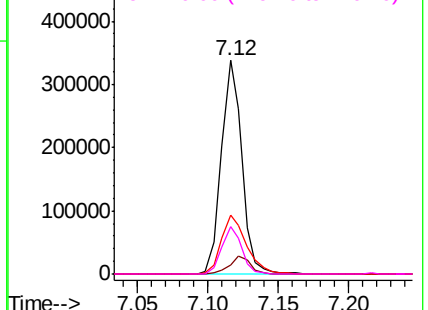
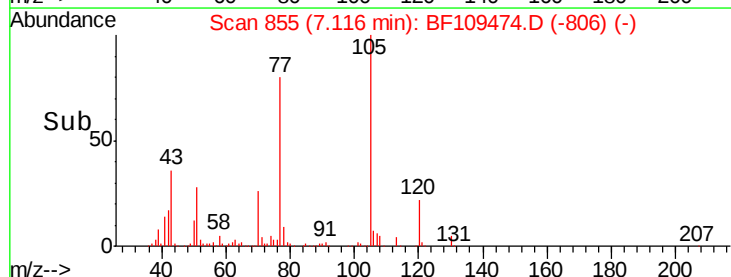
Abundance

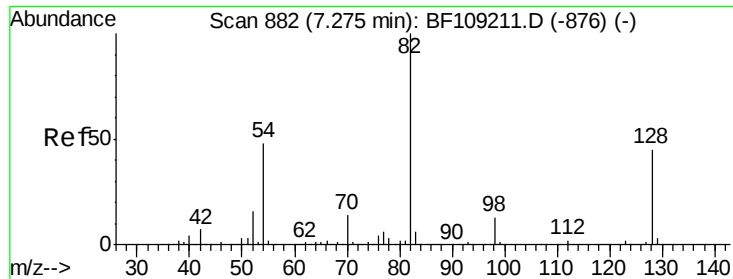
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

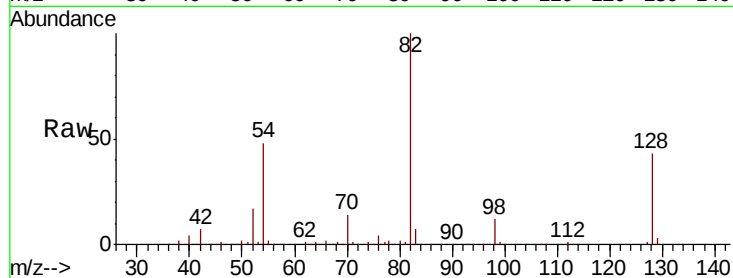




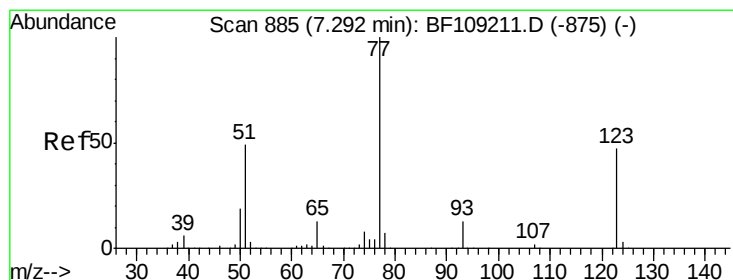
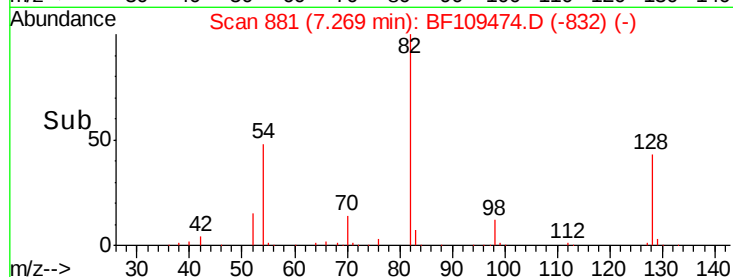
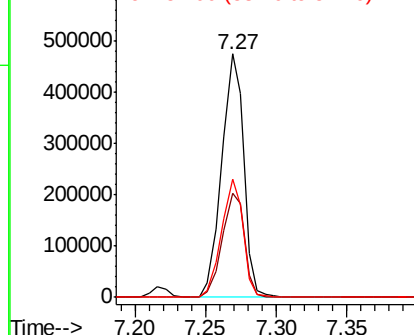
#23
 Nitrobenzene-d5
 Concen: 69.973 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion: 82 Resp: 516940
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.1 54.1
 54 48.5 41.4 62.2

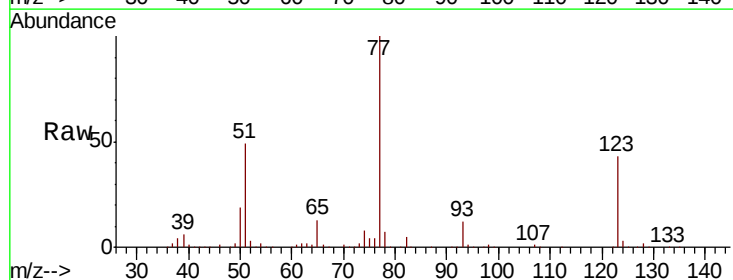


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

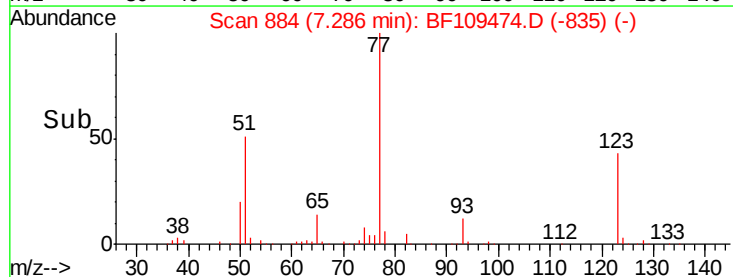
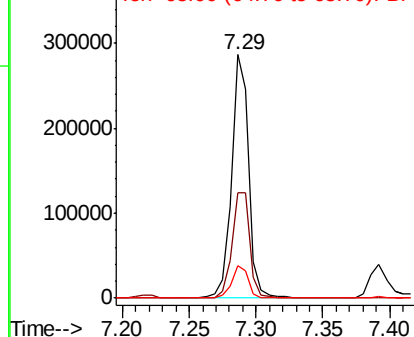


#24
 Nitrobenzene
 Concen: 32.608 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion: 77 Resp: 256137
 Ion Ratio Lower Upper
 77 100
 123 43.4 37.9 56.9
 65 13.4 11.0 16.4



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

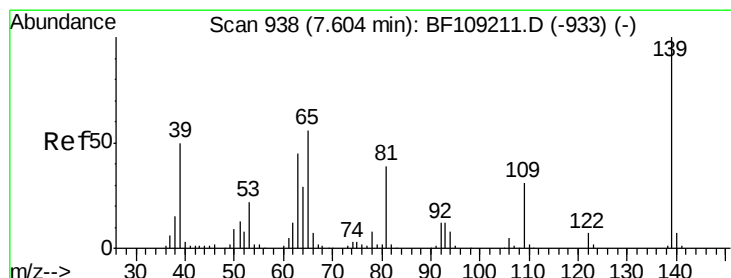
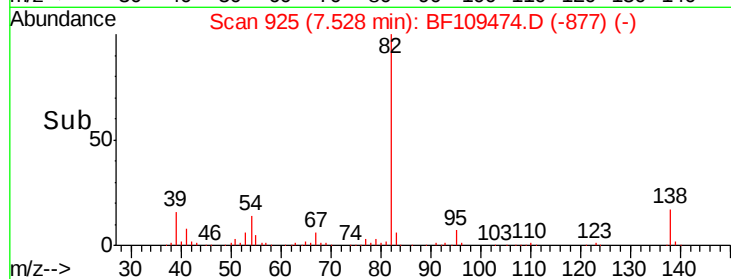
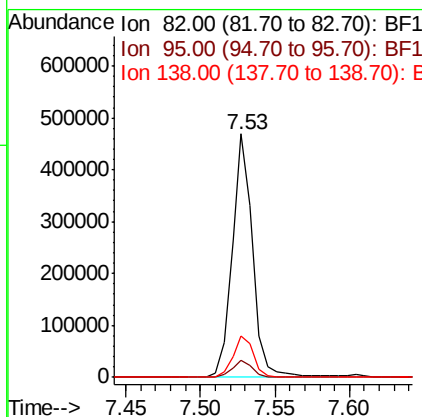
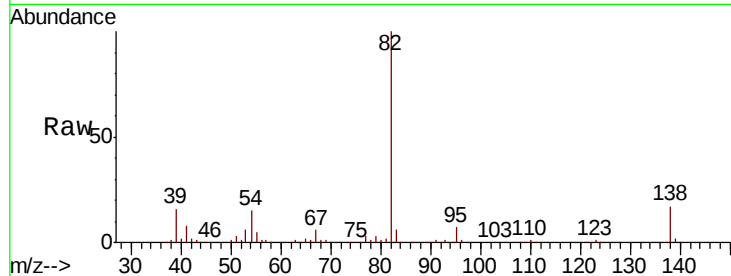




#25
Isophorone
Concen: 33.960 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

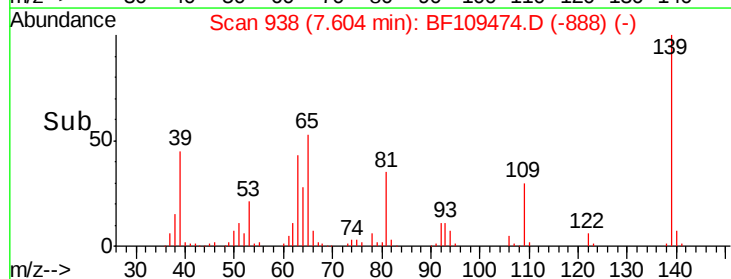
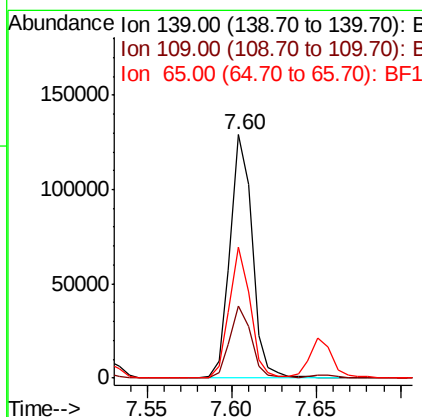
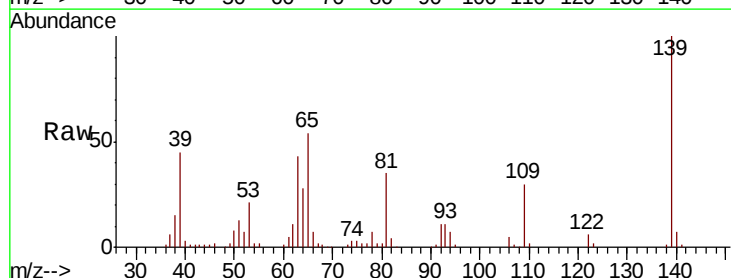
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

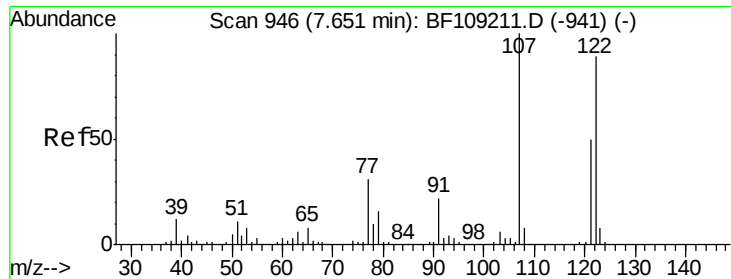
Tot Ion: 82 Resp: 451779
Ion Ratio Lower Upper
82 100
95 7.1 5.2 7.8
138 16.9 14.9 22.3



#26
2-Nitrophenol
Concen: 37.749 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion: 139 Resp: 117266
Ion Ratio Lower Upper
139 100
109 29.6 22.7 34.1
65 53.7 40.5 60.7

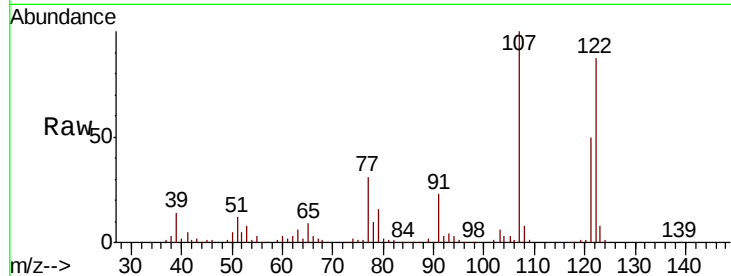




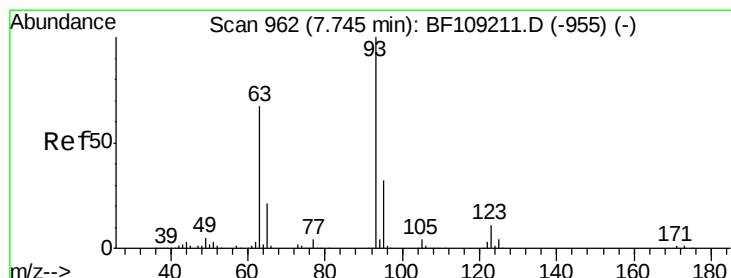
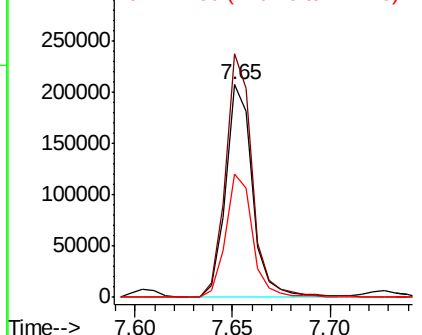
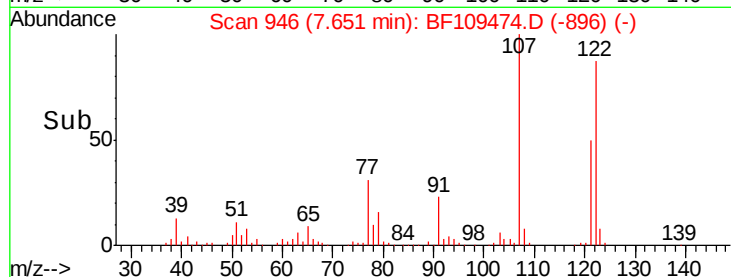
#27
 2,4-Dimethylphenol
 Concen: 34.229 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion:122 Resp: 198412
 Ion Ratio Lower Upper
 122 100
 107 114.5 91.2 136.8
 121 57.7 47.2 70.8

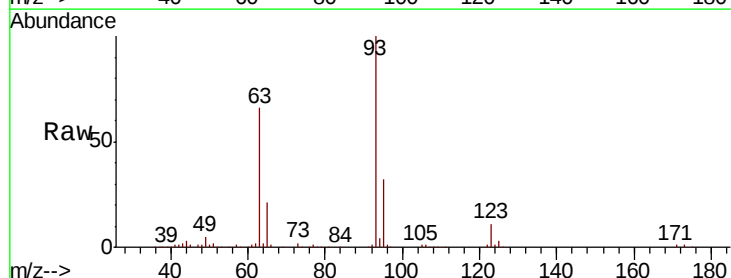


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

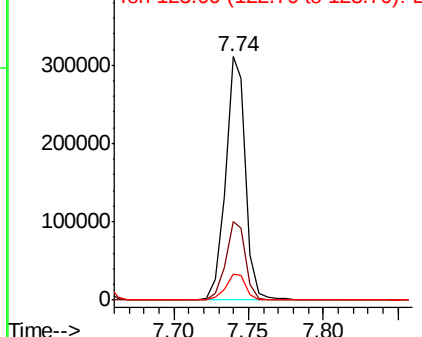
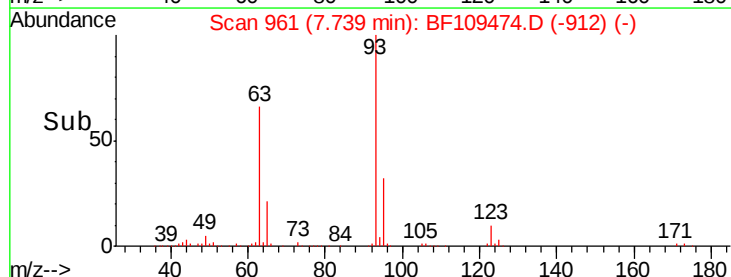


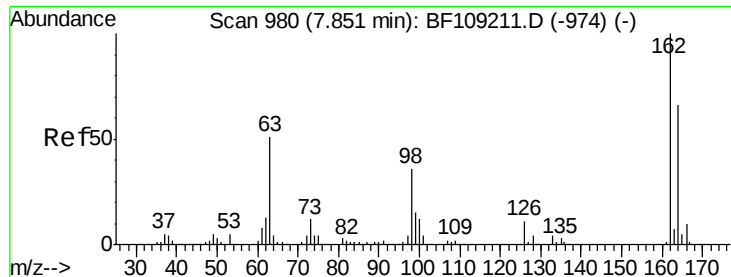
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.314 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion: 93 Resp: 293375
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 10.6 9.8 14.6



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

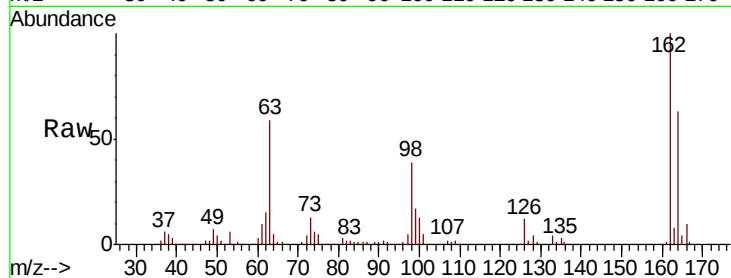




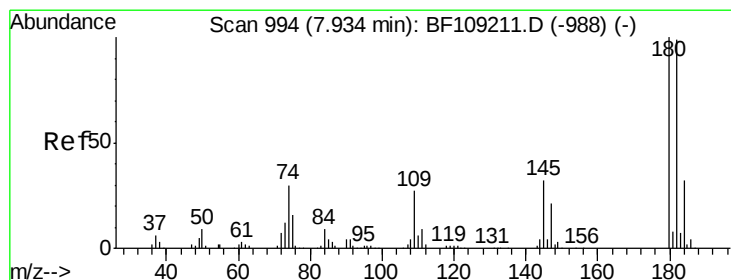
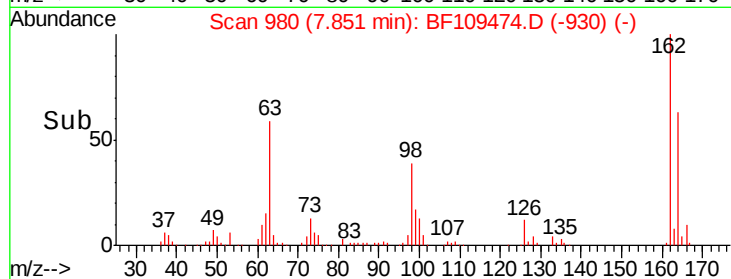
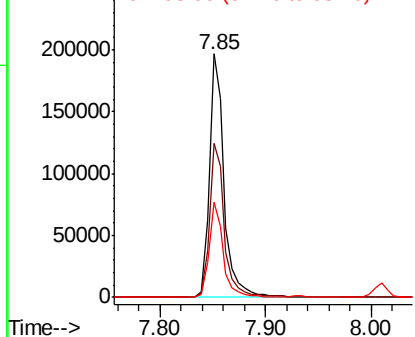
#29
 2,4-Dichlorophenol
 Concen: 31.307 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion:162 Resp: 190666
 Ion Ratio Lower Upper
 162 100
 164 63.1 42.7 82.7
 98 38.9 18.1 58.1

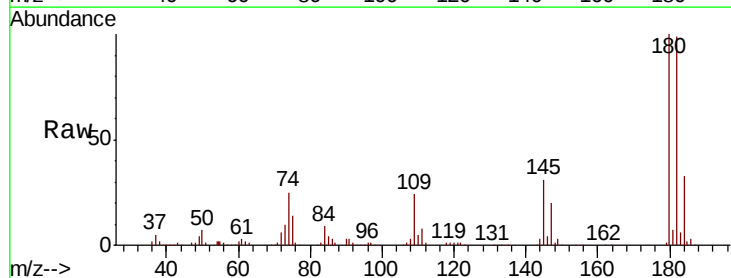


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

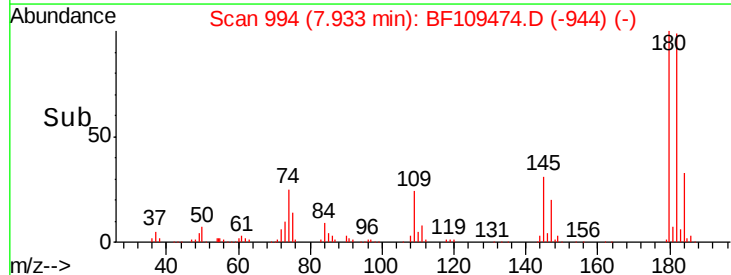
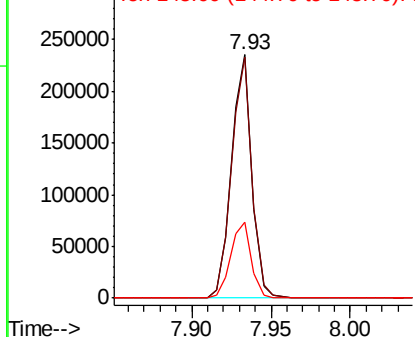


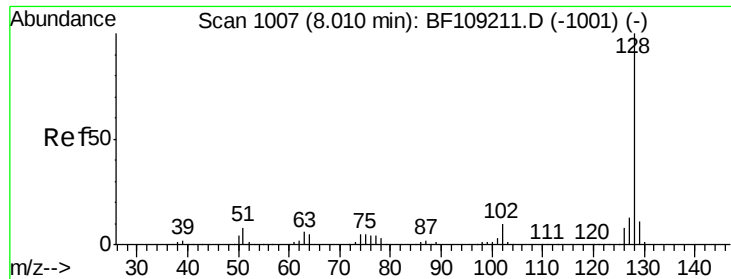
#30
 1,2,4-Trichlorobenzene
 Concen: 30.611 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:180 Resp: 208316
 Ion Ratio Lower Upper
 180 100
 182 98.8 76.8 115.2
 145 31.0 26.5 39.7



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

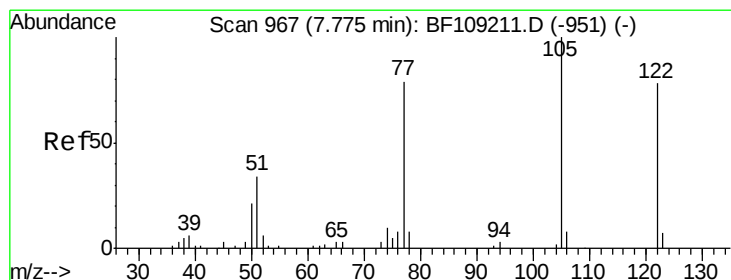
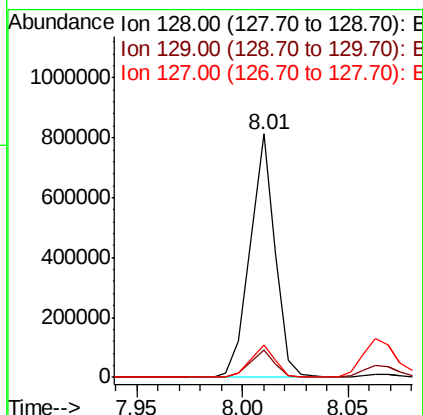
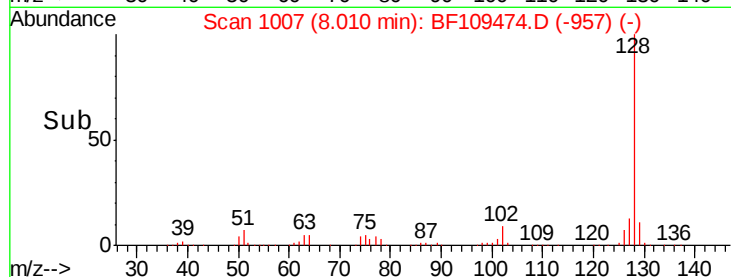
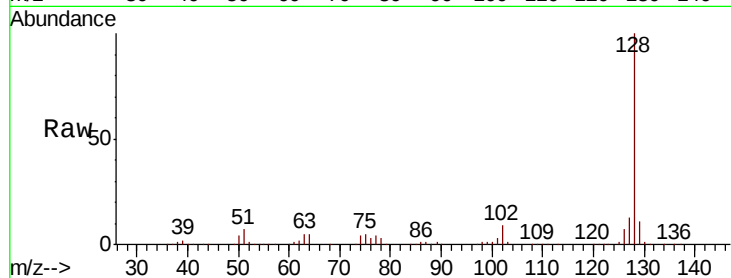




#31
Naphthalene
Concen: 33.011 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

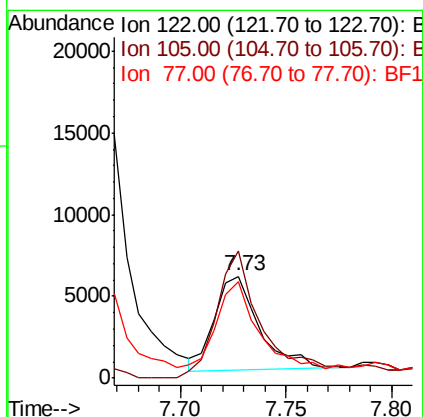
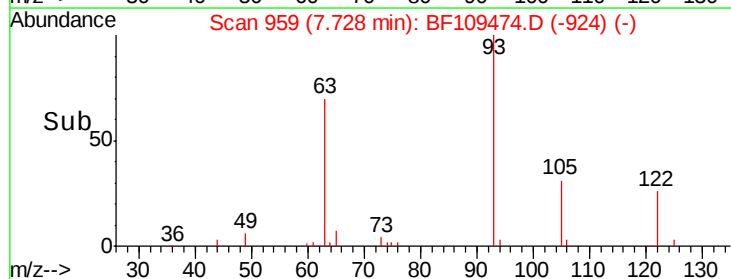
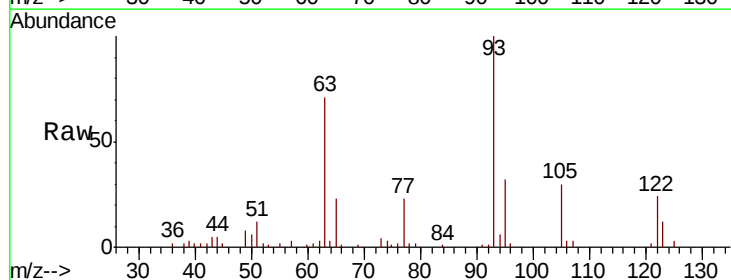
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

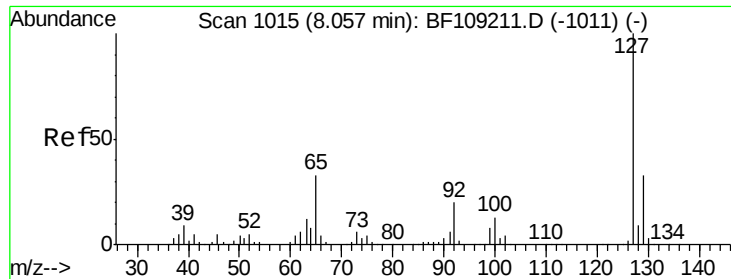
Tot Ion:128 Resp: 672740
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 8.644 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.09 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:122 Resp: 8478
Ion Ratio Lower Upper
122 100
105 125.1 101.1 141.1
77 95.0 70.7 110.7

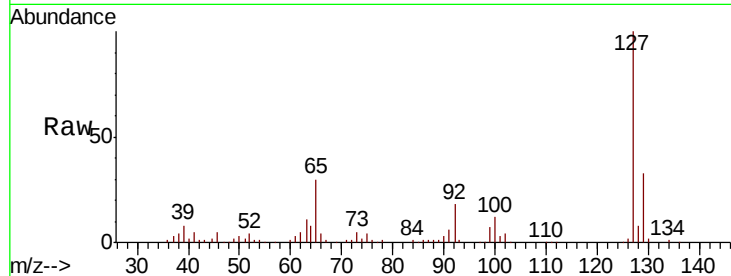




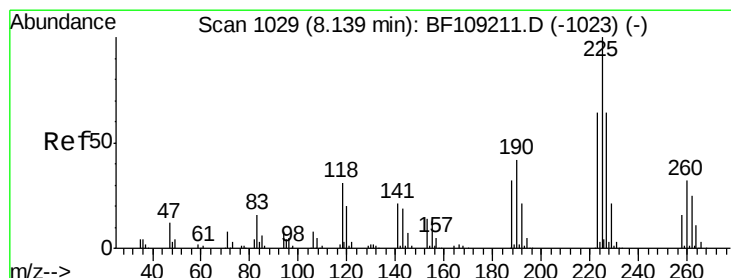
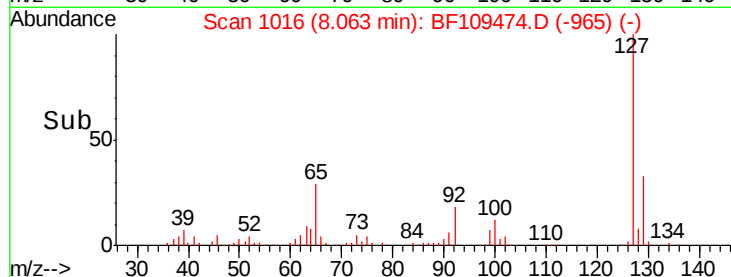
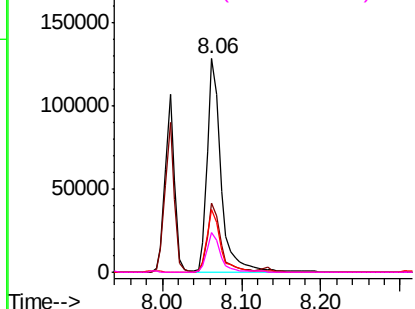
#33
4-Chloroaniline
Concen: 17.894 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:	127	Resp:	159302
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	29.6	25.0	37.4
92	18.4	15.2	22.8

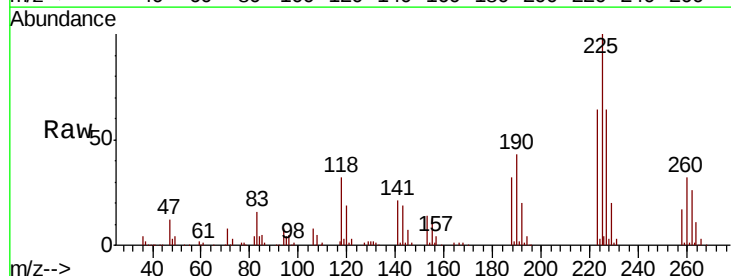


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

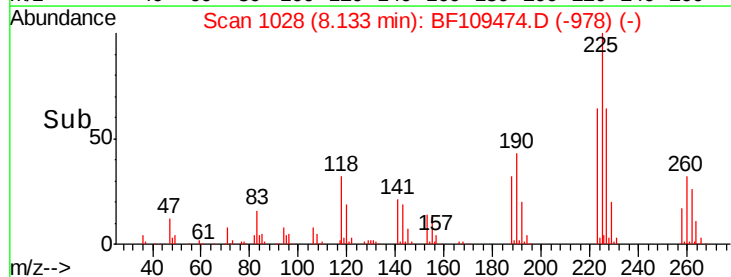
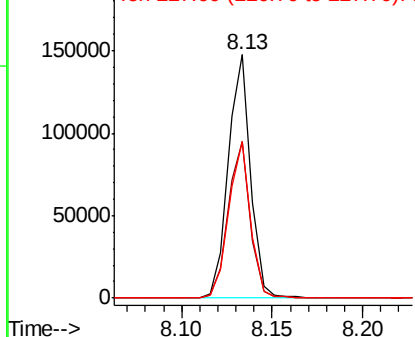


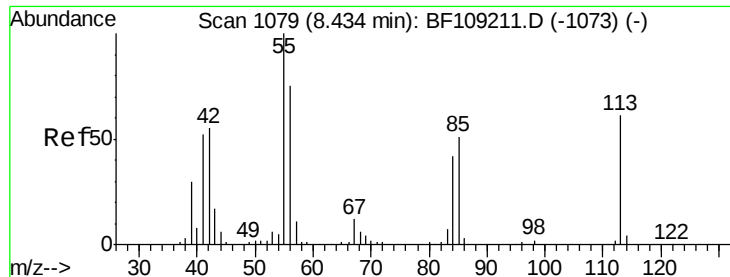
#34
Hexachlorobutadiene
Concen: 30.706 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:	225	Resp:	125973
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.6	76.0
227	64.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

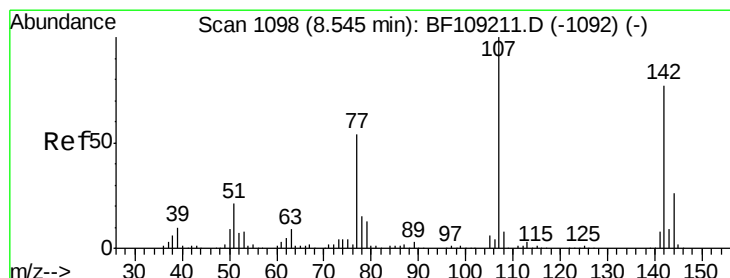
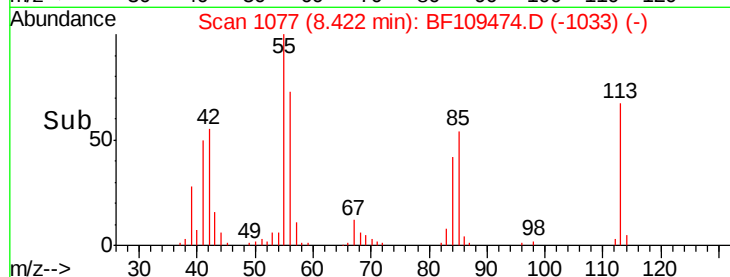
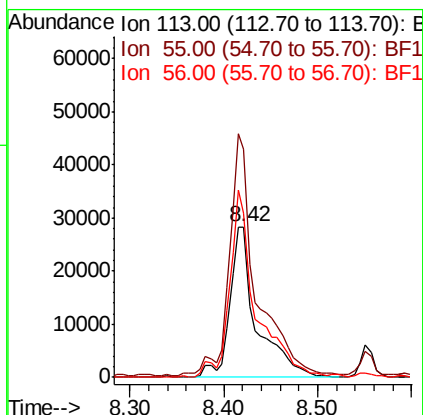
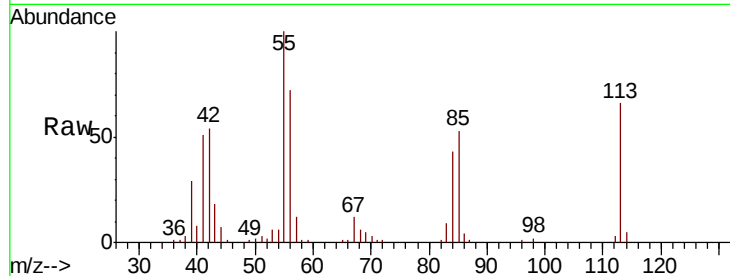




#35
 Caprolactam
 Concen: 28.849 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

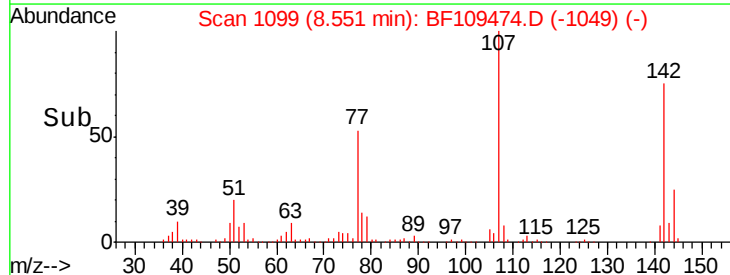
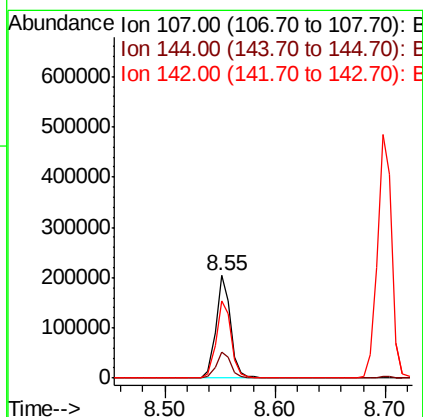
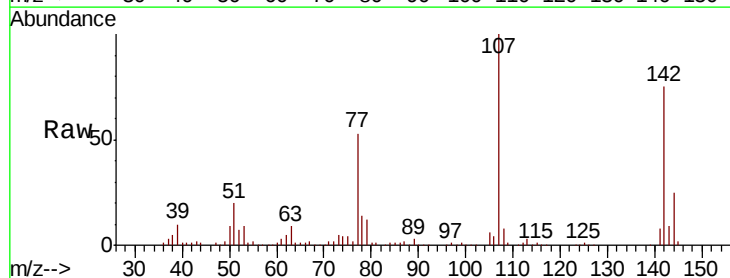
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

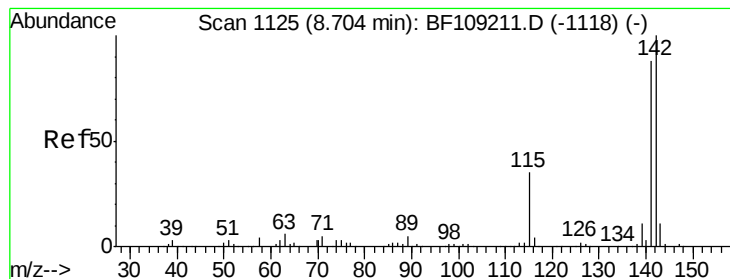
Tot Ion:113 Resp: 56095
 Ion Ratio Lower Upper
 113 100
 55 151.2 163.3 203.3#
 56 109.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 29.034 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:107 Resp: 186071
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.5 30.7
 142 75.1 62.0 93.0





#37

2-Methylnaphthalene

Concen: 33.527 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

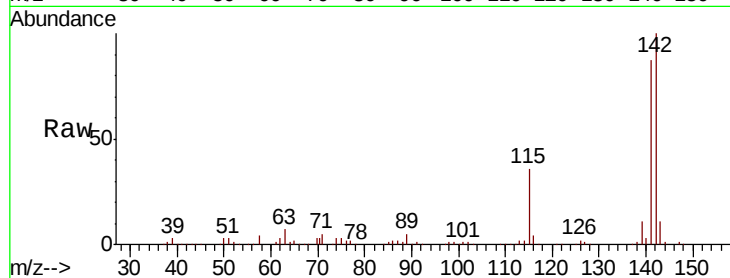
Tot Ion:142 Resp: 440460

Ion Ratio Lower Upper

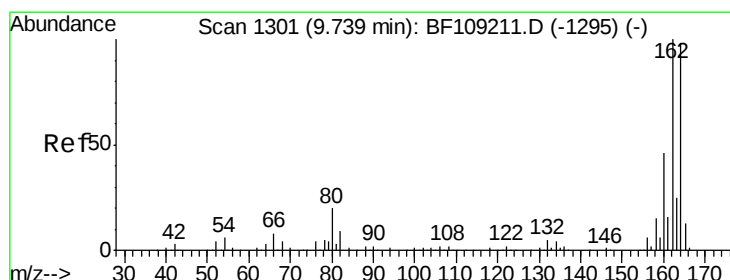
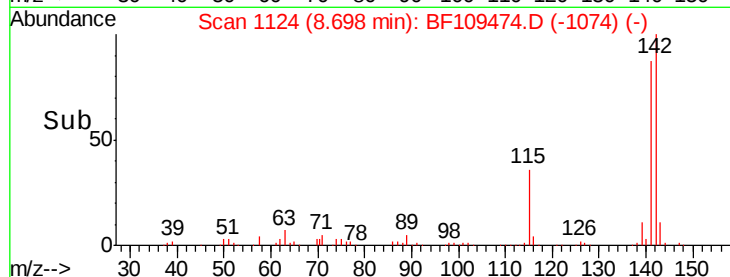
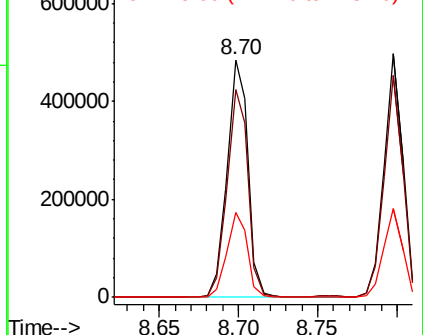
142 100

141 87.4 70.8 106.2

115 35.7 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

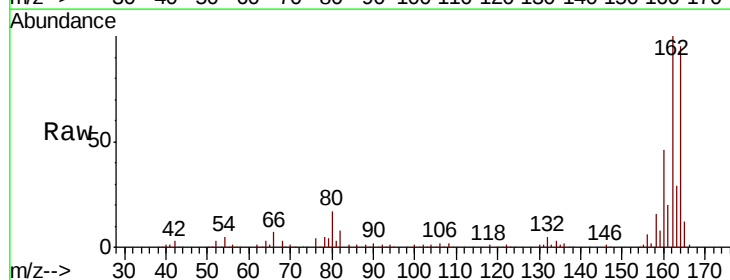
Tgt Ion:164 Resp: 186307

Ion Ratio Lower Upper

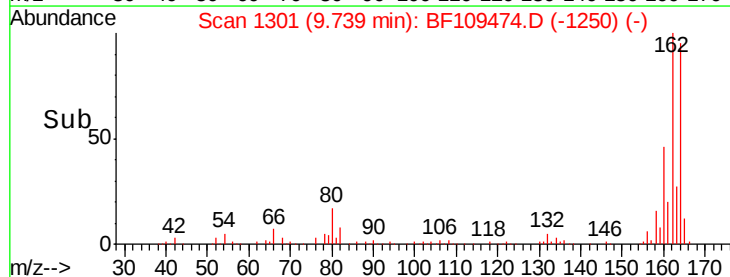
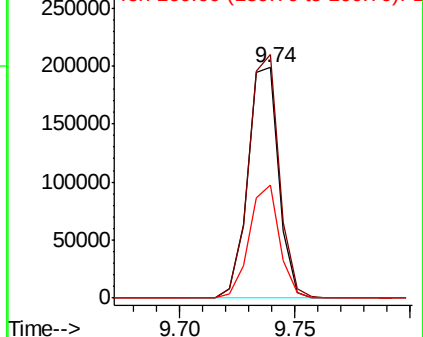
164 100

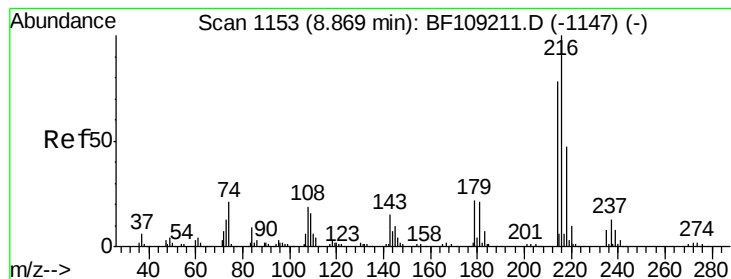
162 105.6 86.1 129.1

160 48.8 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.648 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

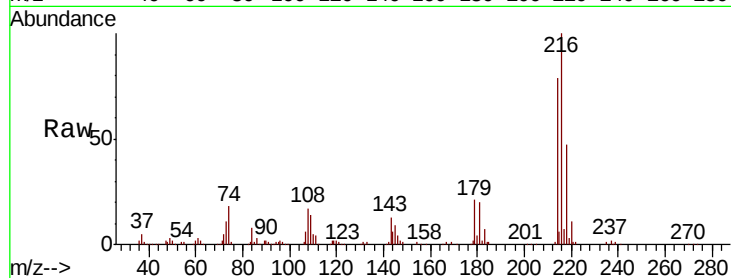
Instrument :

BNA_F

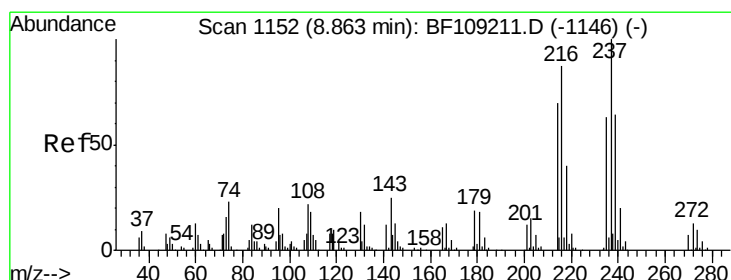
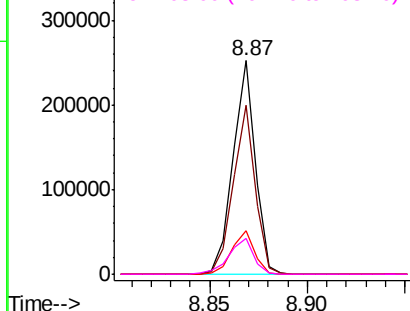
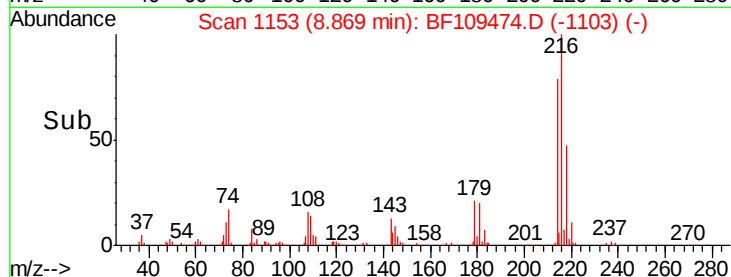
ClientSampleId :

PARCEL-190-092418-2MSD

Tot Ion:216	Resp:	199507
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.0 94.4
179	20.7	18.1 27.1
108	18.9	17.2 25.8



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



#40

Hexachlorocyclopentadiene

Concen: 33.483 ng

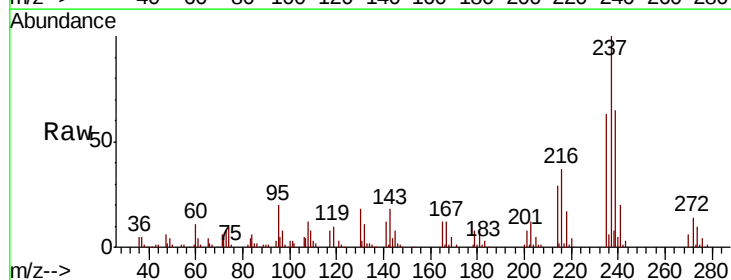
RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

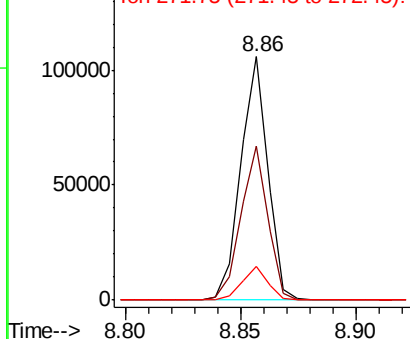
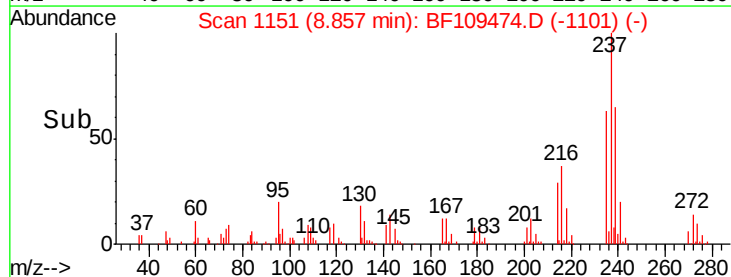
Lab File: BF109474.D

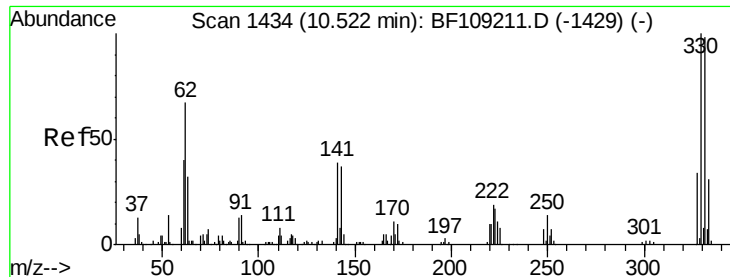
Acq: 1 Oct 2018 16:02

Tgt Ion:237	Resp:	86592
Ion Ratio	Lower	Upper
237	100	
235	63.3	44.8 84.8
272	13.8	0.0 33.3



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

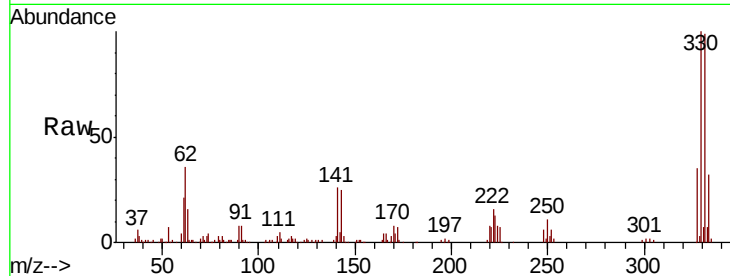




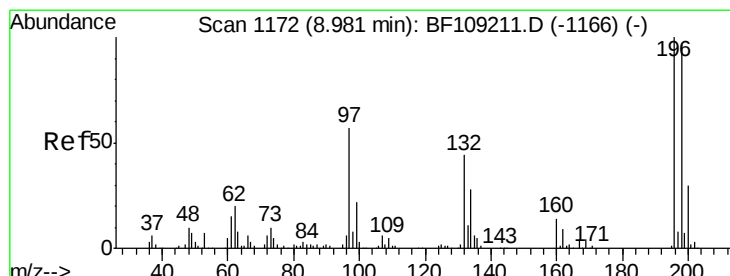
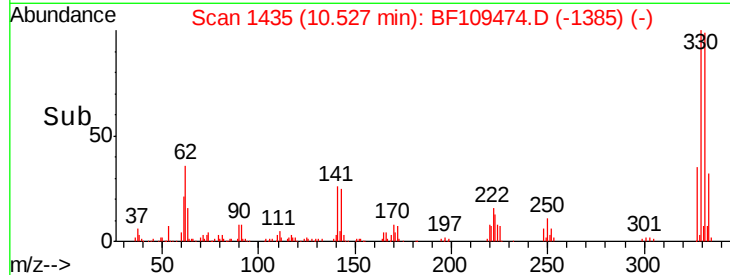
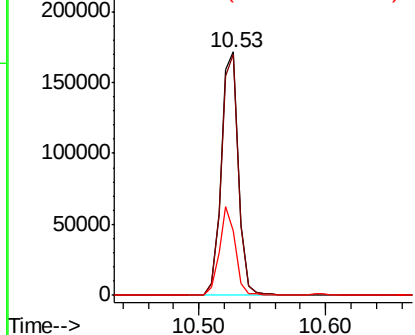
#41
 2,4,6-Tribromophenol
 Concen: 89.028 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion:330 Resp: 163509
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 33.9 29.9 44.9

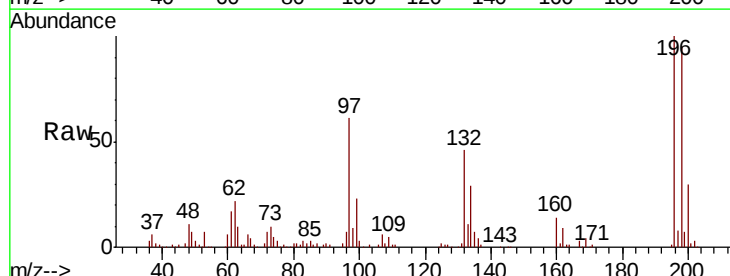


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

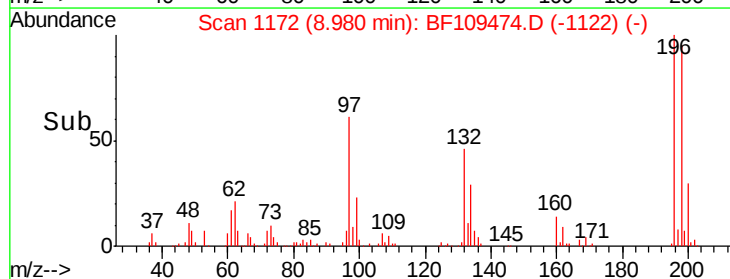
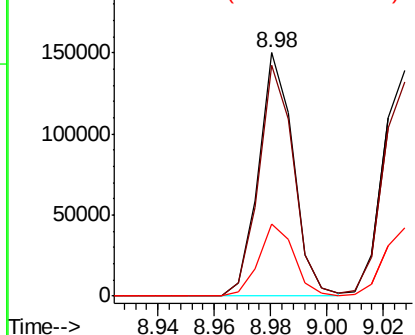


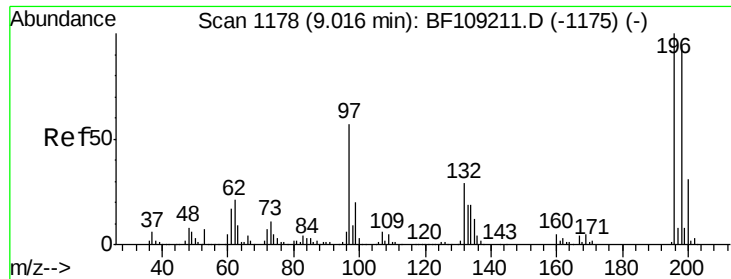
#42
 2,4,6-Trichlorophenol
 Concen: 33.635 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:196 Resp: 127995
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 29.7 24.5 36.7



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

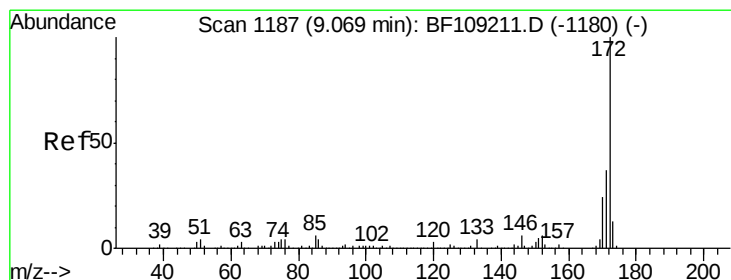
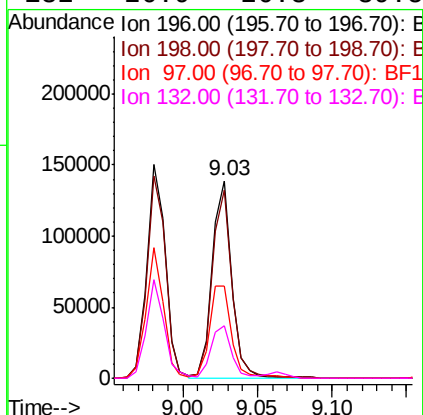
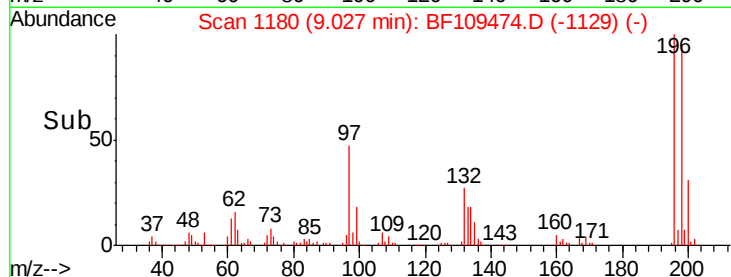
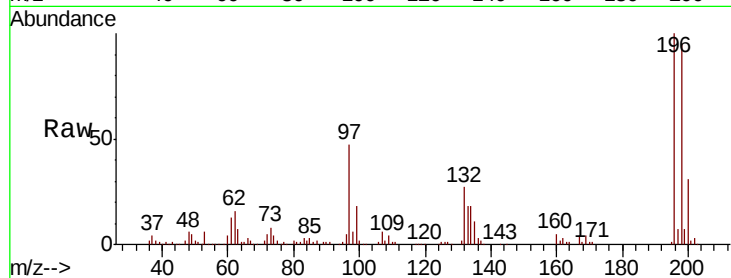




#43
 2,4,5-Trichlorophenol
 Concen: 31.791 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

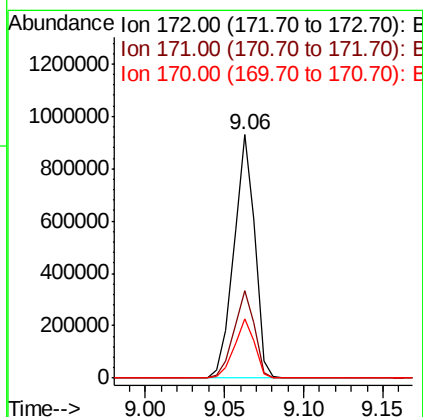
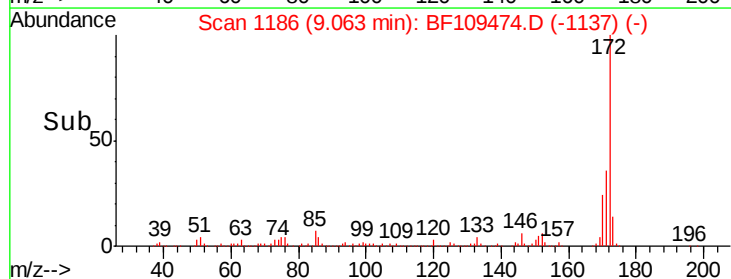
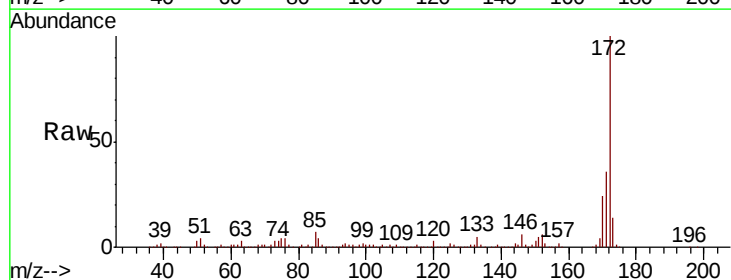
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

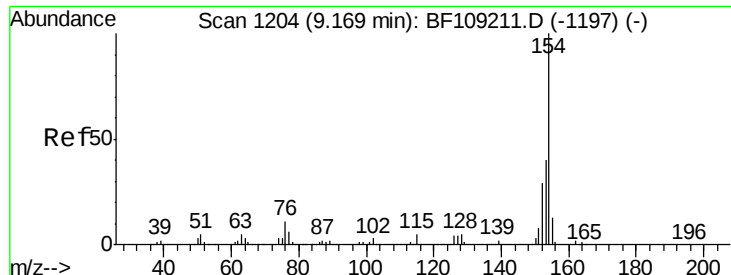
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.6	112.0
97	46.8	42.9	64.3
132	26.9	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 68.533 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

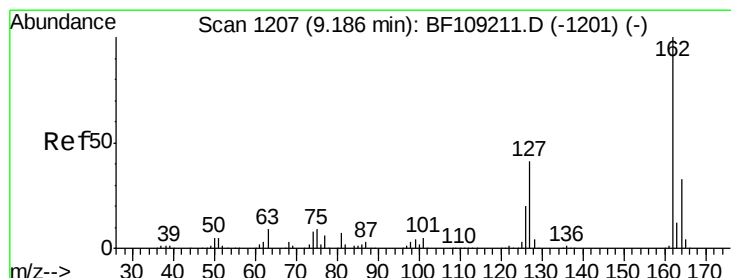
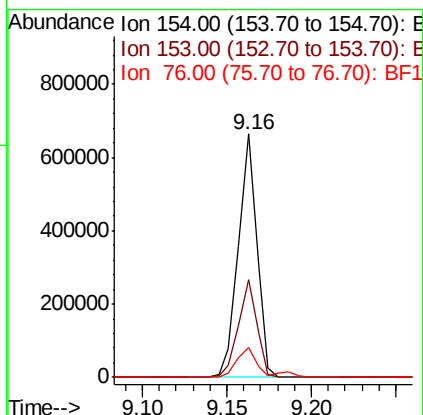
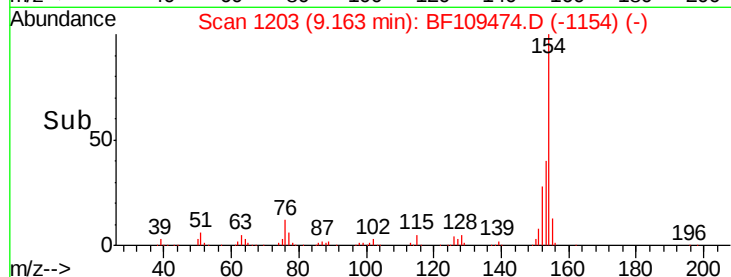
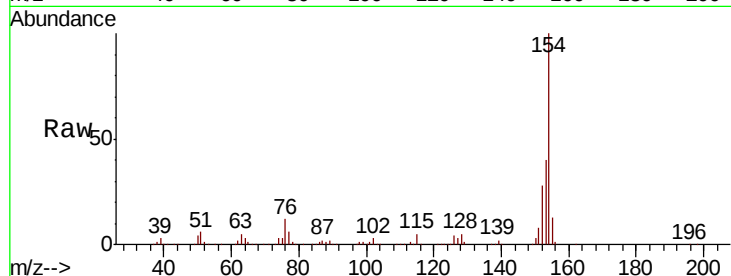




#45
 1,1'-Biphenyl
 Concen: 33.500 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

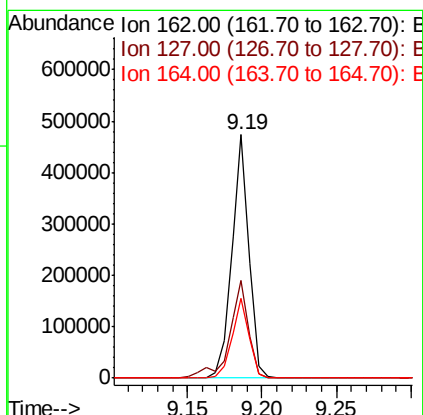
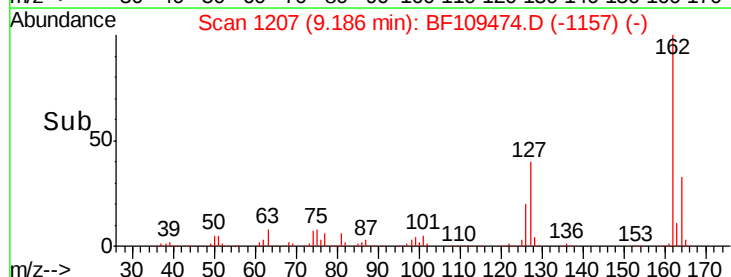
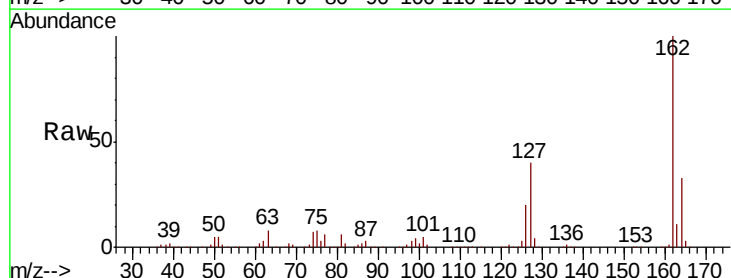
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

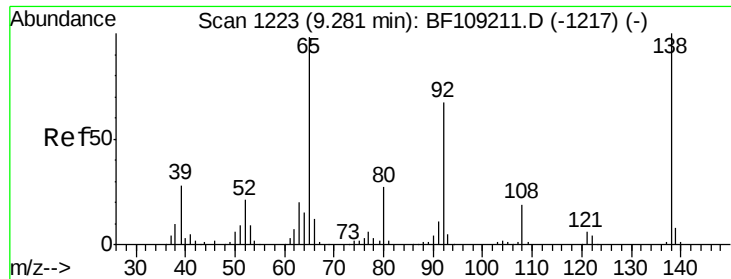
Tot Ion:154 Resp: 508516
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.3 61.3
 76 12.3 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 31.577 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:162 Resp: 382920
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.9 50.9
 164 32.7 26.5 39.7

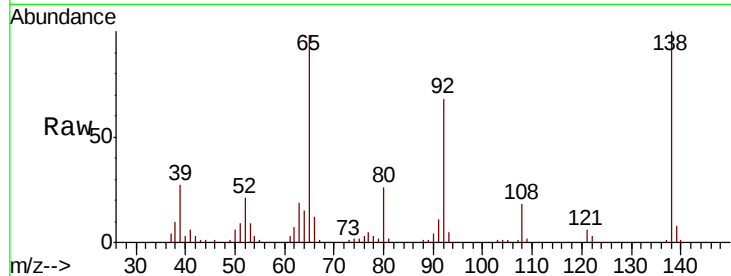




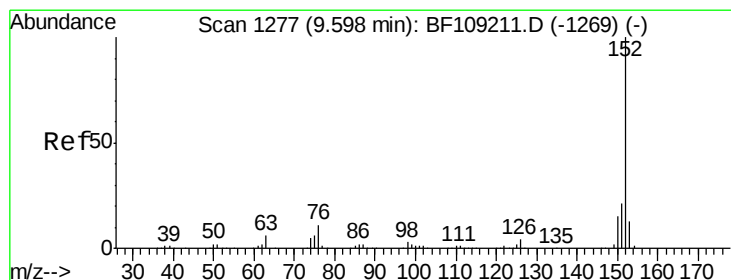
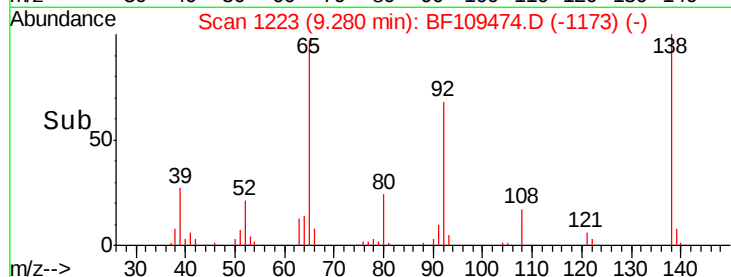
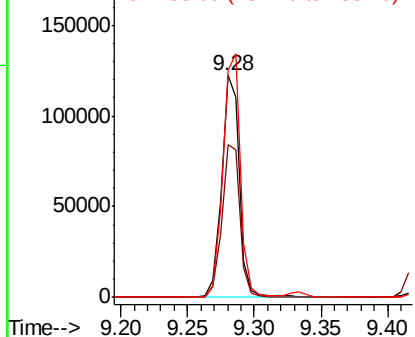
#47
2-Nitroaniline
Concen: 33.386 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion: 65 Resp: 114787
Ion Ratio Lower Upper
65 100
92 69.0 55.8 83.6
138 102.2 91.2 136.8

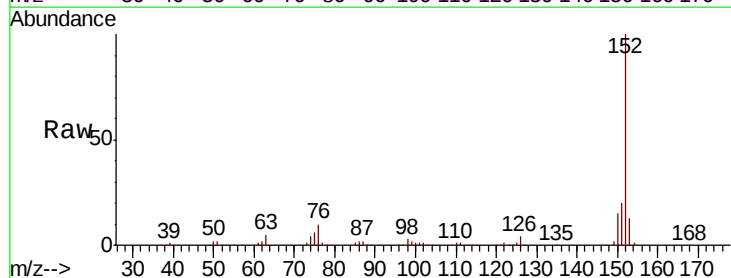


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

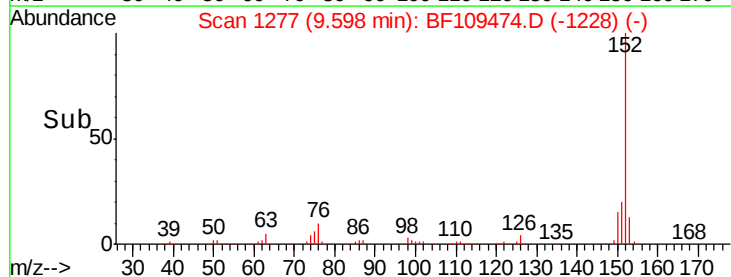
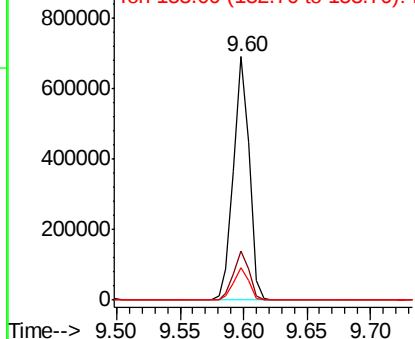


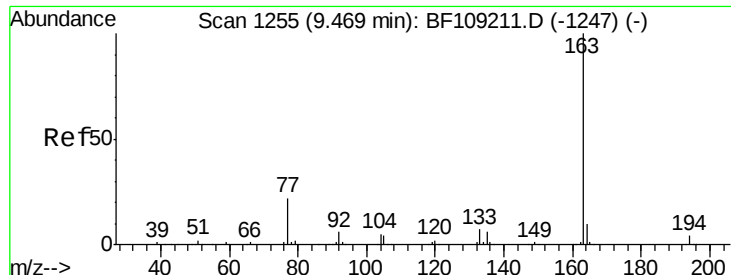
#48
Acenaphthylene
Concen: 32.094 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion: 152 Resp: 587129
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 13.1 10.7 16.1



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

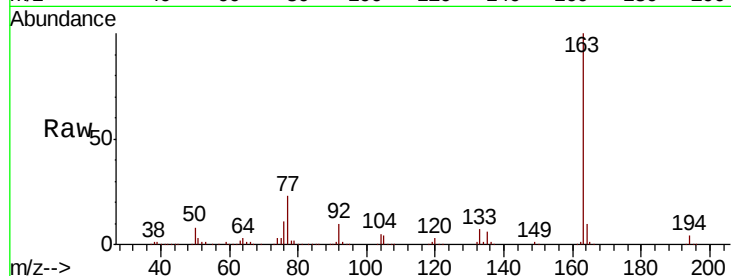




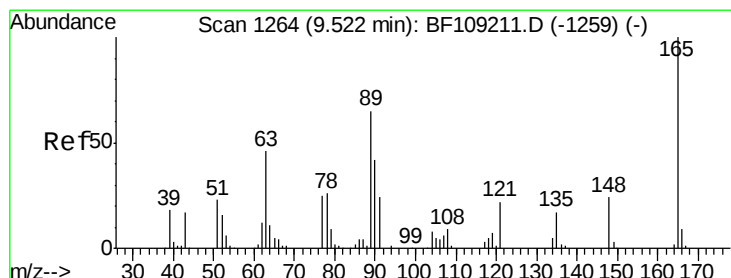
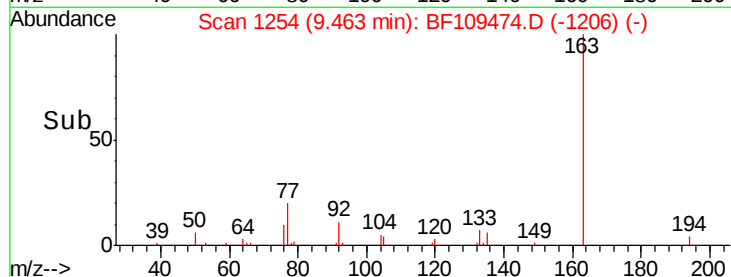
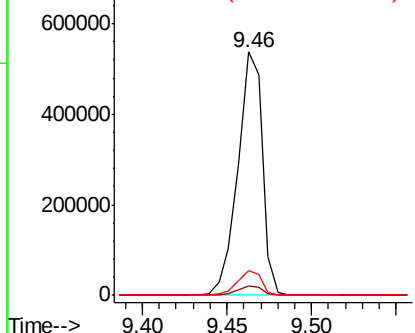
#49
Dimethylphthalate
Concen: 40.106 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:163 Resp: 543464
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.1 8.2 12.2

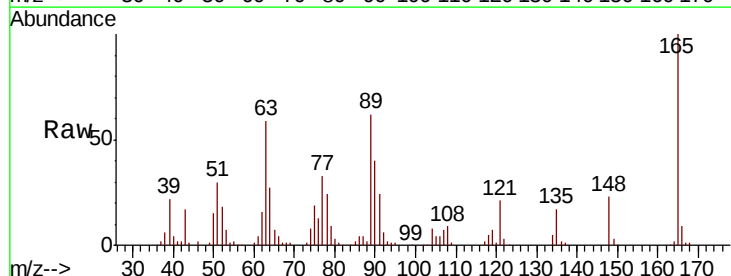


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

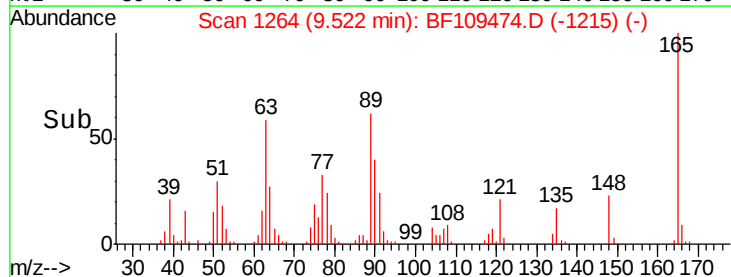
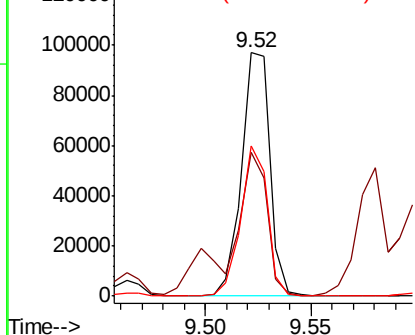


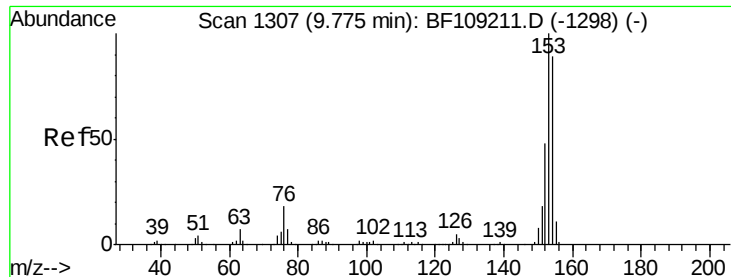
#50
2,6-Dinitrotoluene
Concen: 33.713 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:165 Resp: 90477
Ion Ratio Lower Upper
165 100
63 59.2 44.7 67.1
89 61.6 44.0 66.0



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





#51

Acenaphthene

Concen: 29.993 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

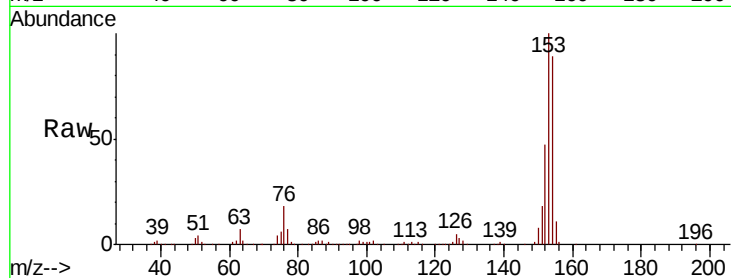
Tot Ion:154 Resp: 331743

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

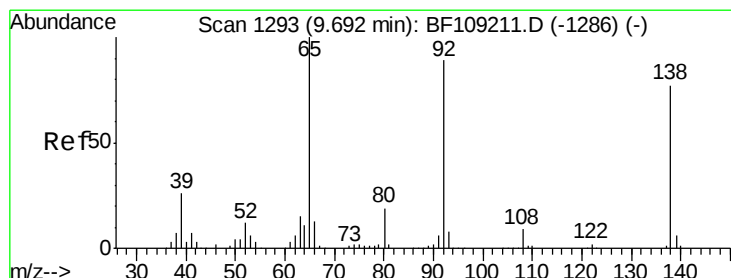
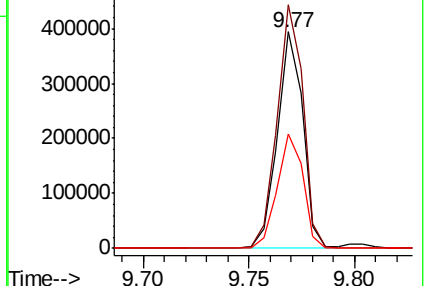
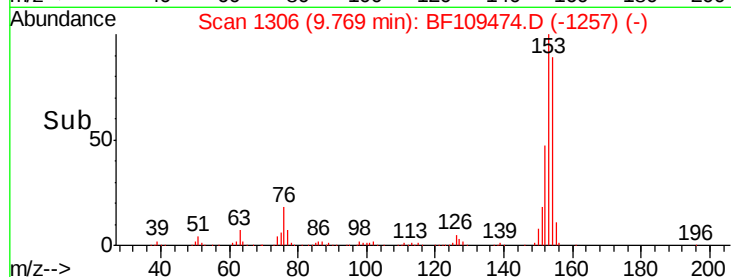
152 53.1 43.8 65.8



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



#52

3-Nitroaniline

Concen: 24.731 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

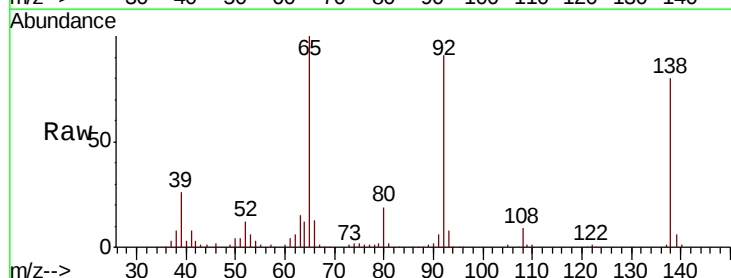
Tgt Ion:138 Resp: 76864

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

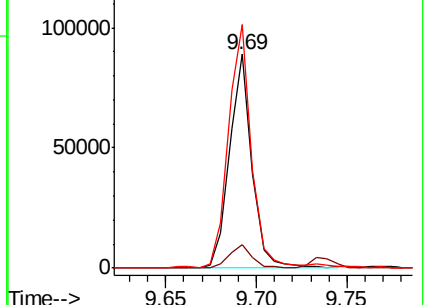
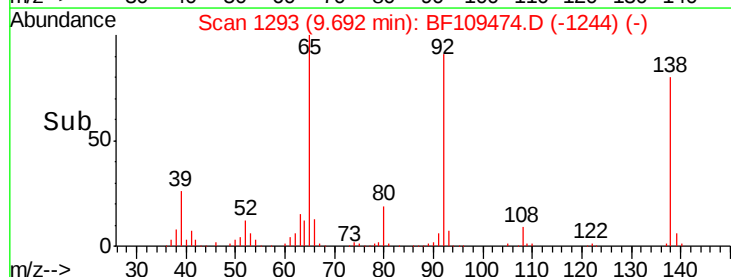
92 114.0 89.4 134.2

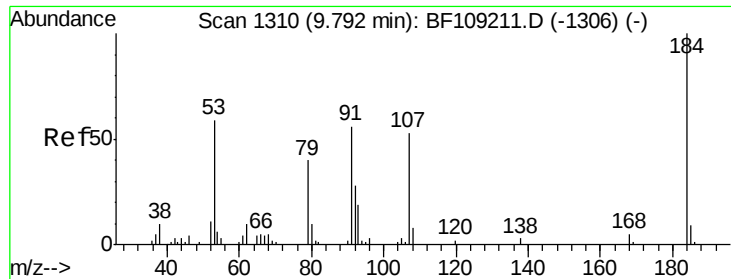


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

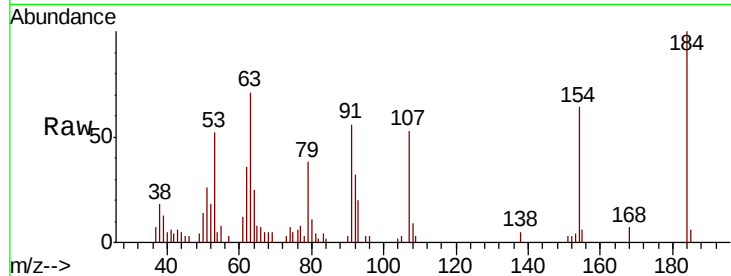




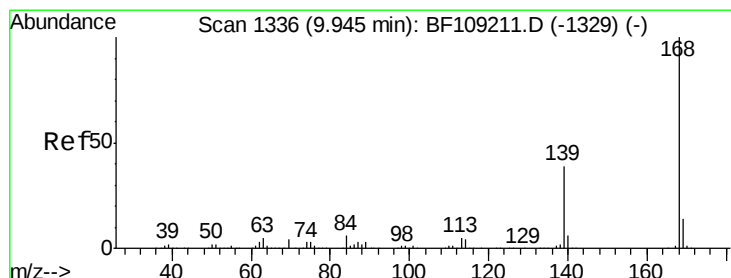
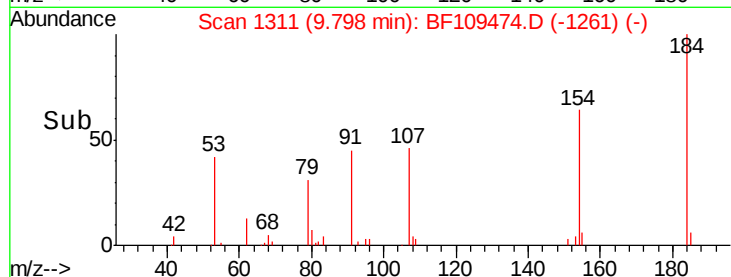
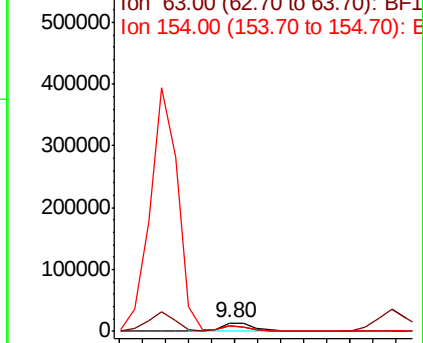
#53
 2,4-Dinitrophenol
 Concen: 21.585 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion:184 Resp: 13931
 Ion Ratio Lower Upper
 184 100
 63 70.8 54.2 81.2
 154 63.5 184.0 276.0#

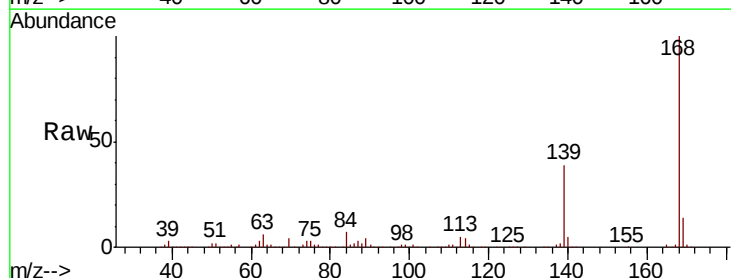


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

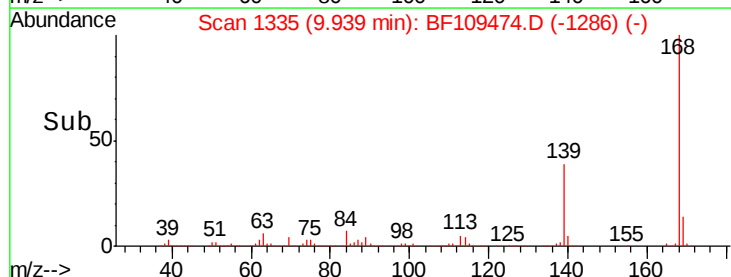
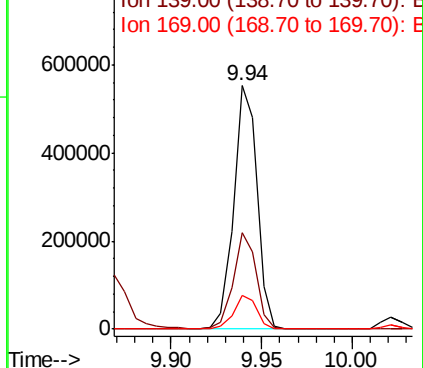


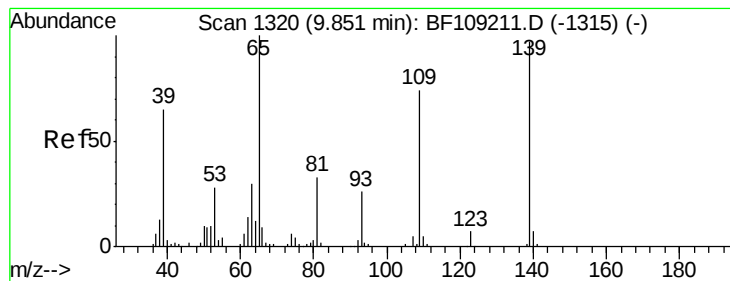
#54
 Dibenzofuran
 Concen: 29.961 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:168 Resp: 492829
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.1 45.1
 169 14.0 10.9 16.3



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





#55

4-Nitrophenol

Concen: 51.548 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

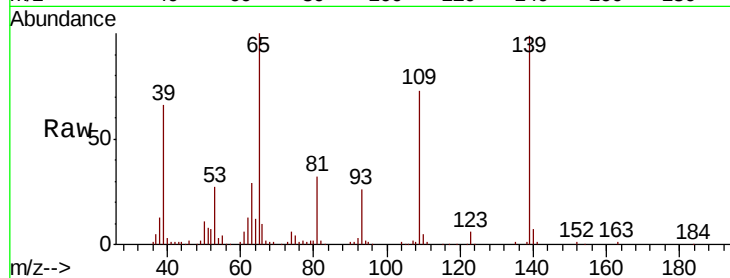
Tot Ion:139 Resp: 120689

Ion Ratio Lower Upper

139 100

109 74.1 48.4 88.4

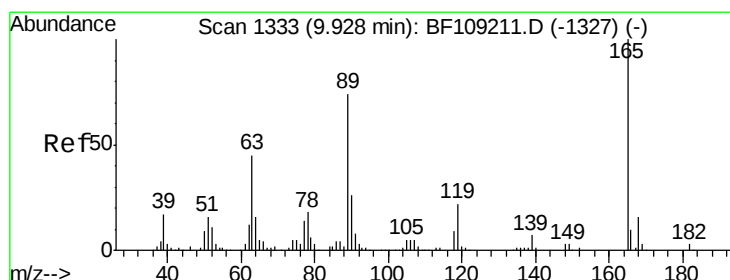
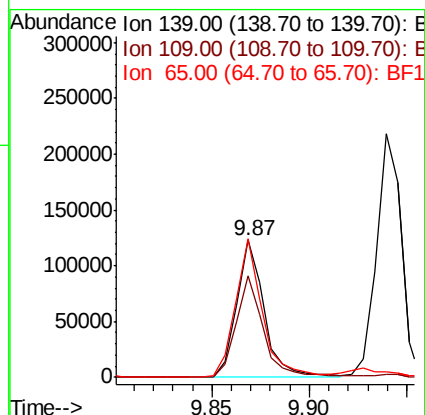
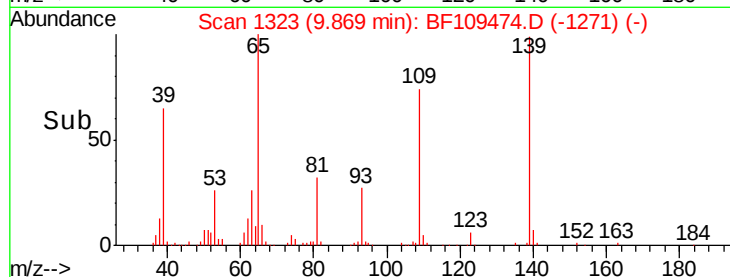
65 101.1 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 32.123 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Tgt Ion:165 Resp: 109082

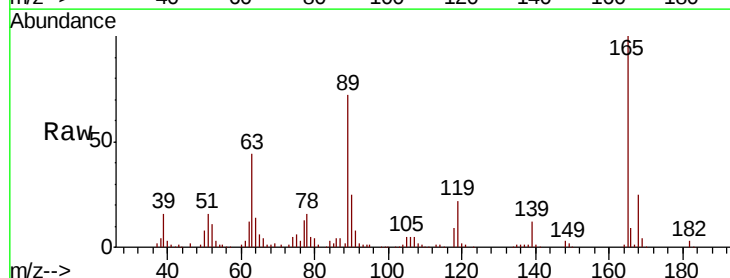
Ion Ratio Lower Upper

165 100

63 44.3 36.4 54.6

89 72.0 57.8 86.6

182 2.8 1.6 2.4#

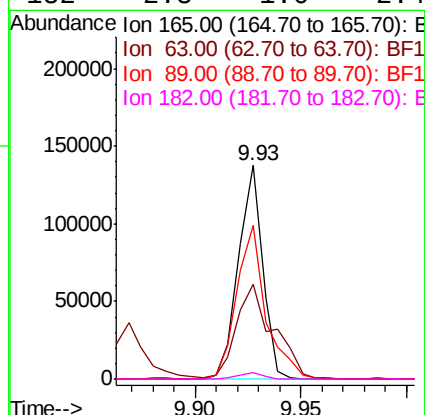
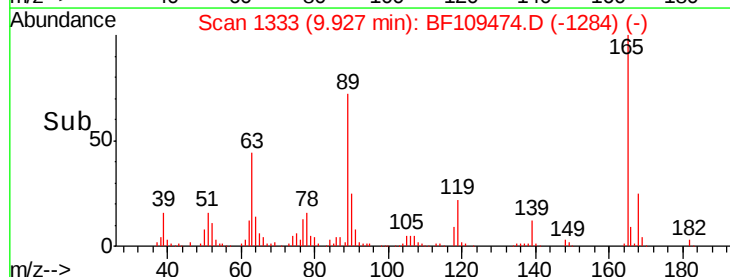


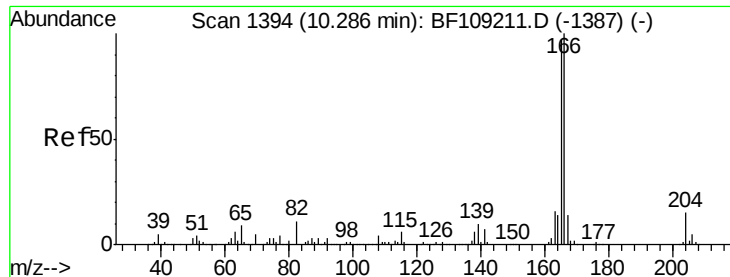
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

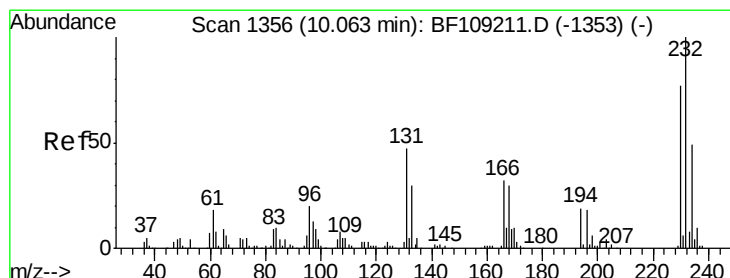
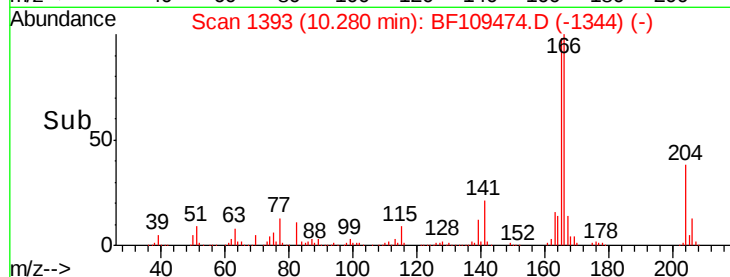
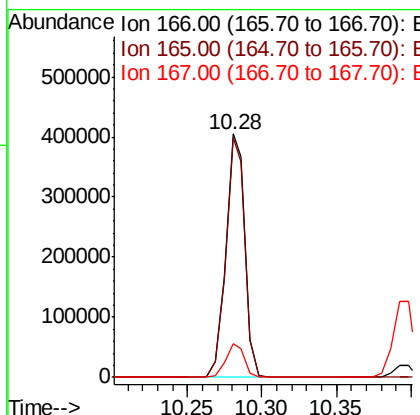
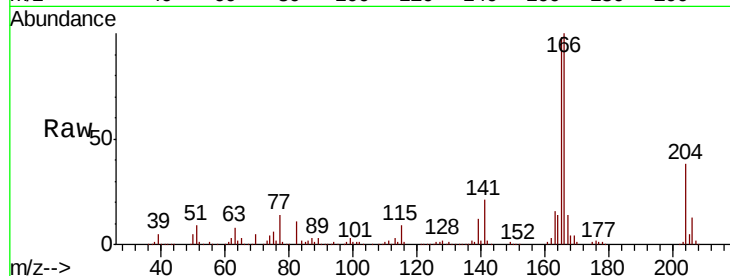




#57
 Fluorene
 Concen: 31.120 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

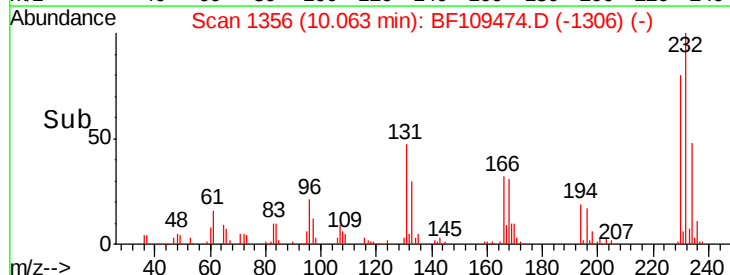
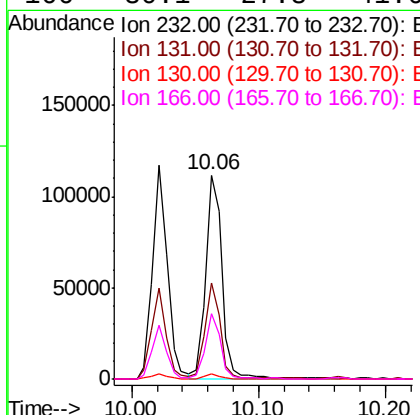
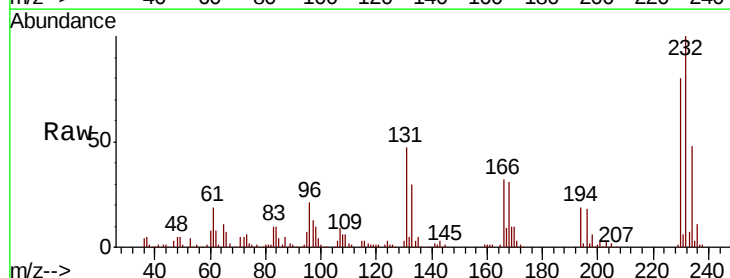
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

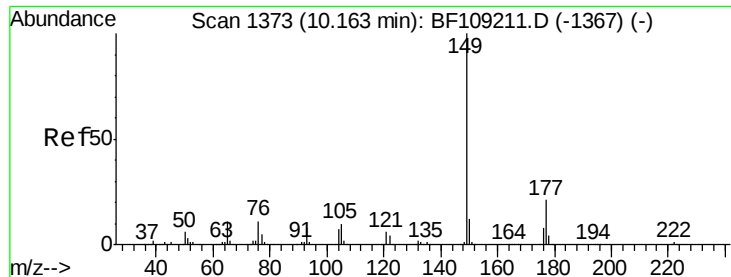
Tot Ion:166 Resp: 365240
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.8 119.8
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.515 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:232 Resp: 100290
 Ion Ratio Lower Upper
 232 100
 131 43.3 43.8 65.8#
 130 2.3 2.1 3.1
 166 30.1 27.8 41.6

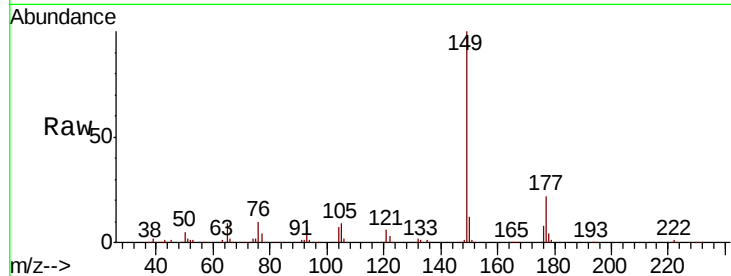




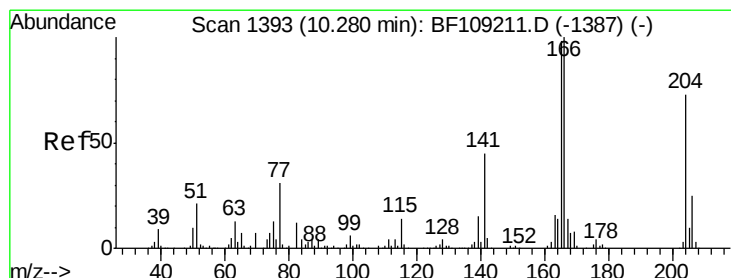
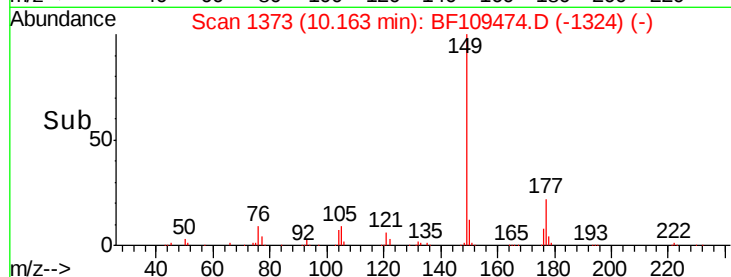
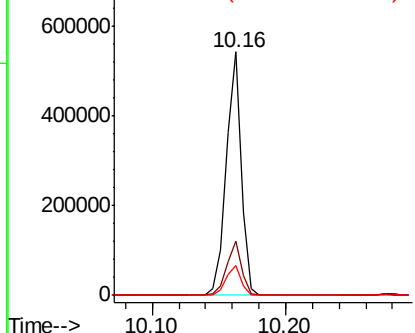
#59
Diethylphthalate
Concen: 31.627 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:149 Resp: 433993
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.1 10.1 15.1

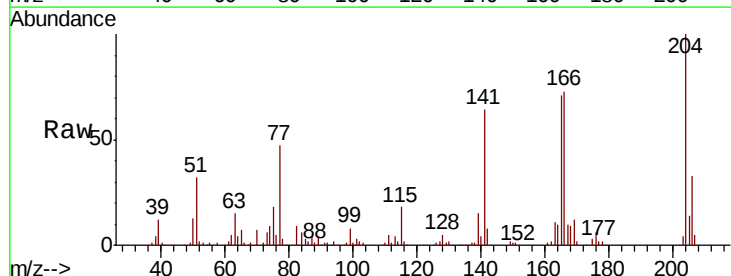


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

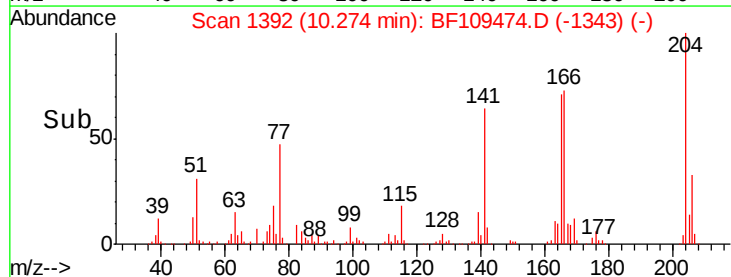
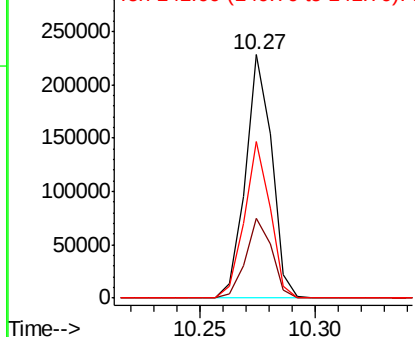


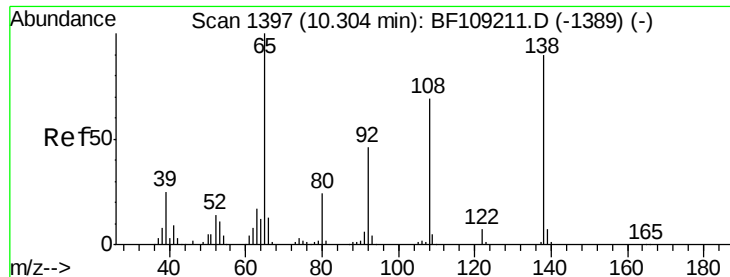
#60
4-Chlorophenyl-phenylether
Concen: 29.717 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:204 Resp: 182164
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 64.3 54.6 81.8



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

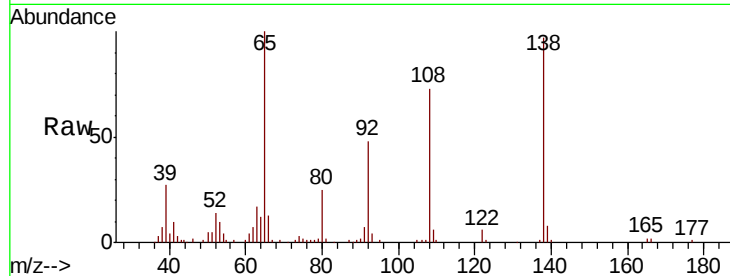




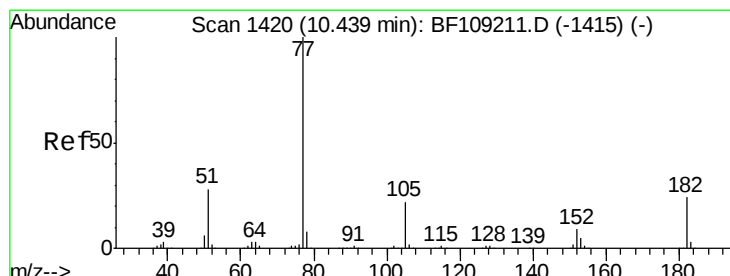
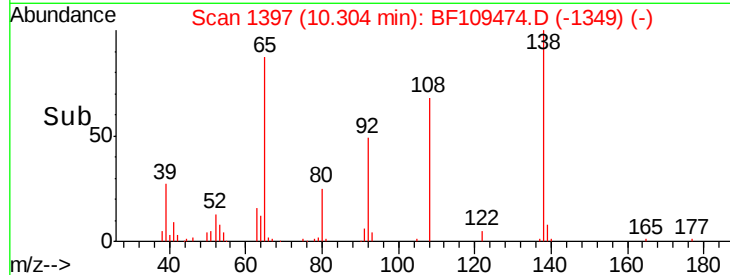
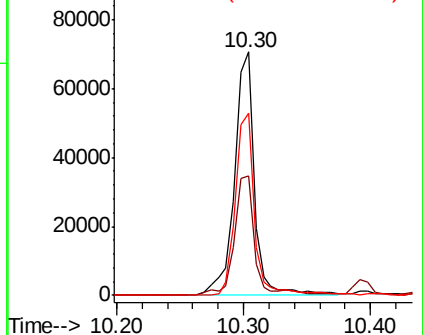
#61
4-Nitroaniline
Concen: 25.319 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:138 Resp: 76741
Ion Ratio Lower Upper
138 100
92 49.2 30.2 70.2
108 74.7 52.5 92.5

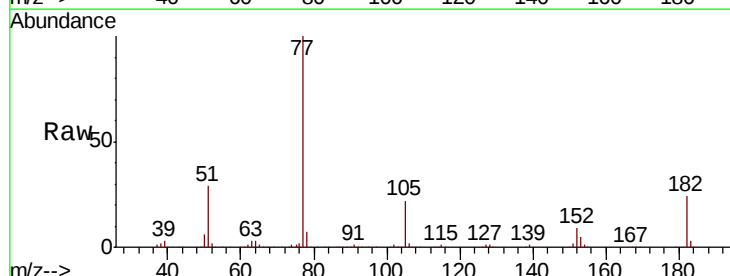


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

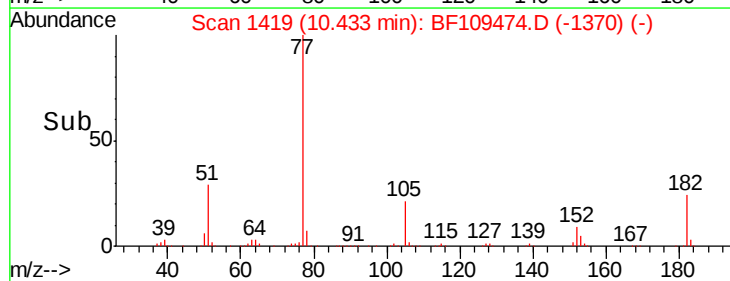
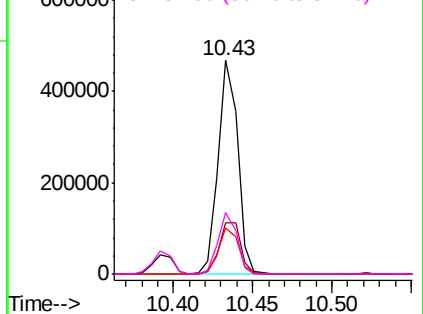


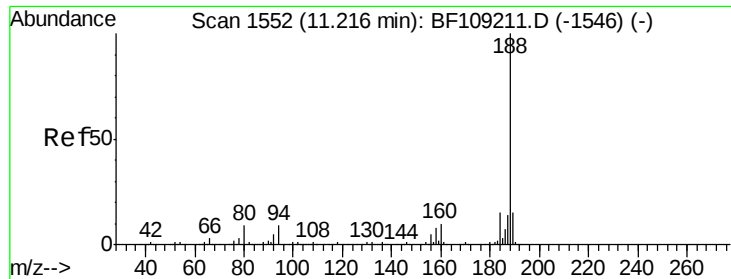
#62
Azobenzene
Concen: 27.937 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion: 77 Resp: 398294
Ion Ratio Lower Upper
77 100
182 23.9 1.7 41.7
105 21.7 3.0 43.0
51 28.6 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

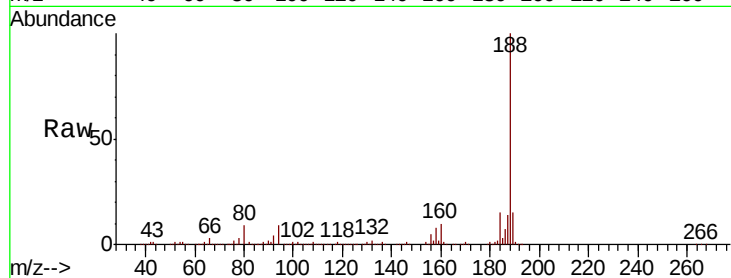
Tot Ion:188 Resp: 311289

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

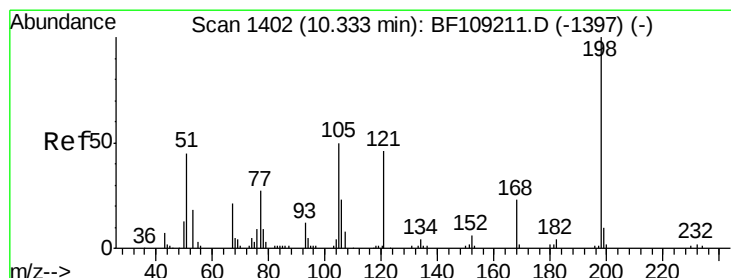
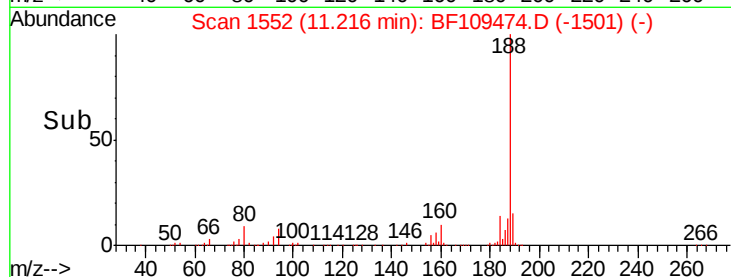
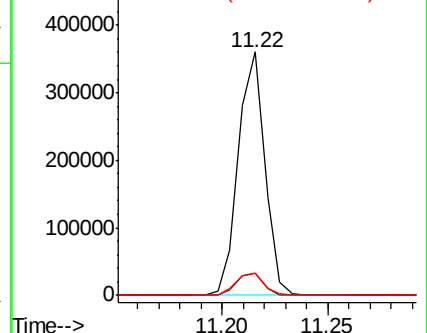
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 18.194 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

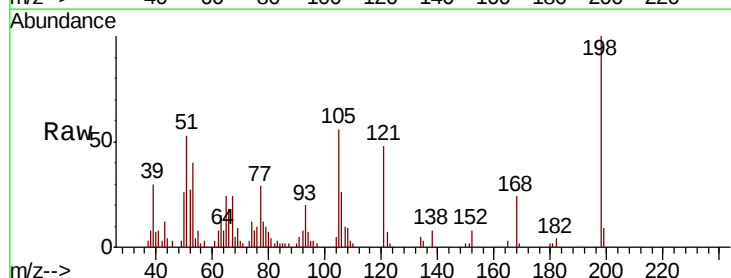
Tgt Ion:198 Resp: 16831

Ion Ratio Lower Upper

198 100

51 53.5 37.7 77.7

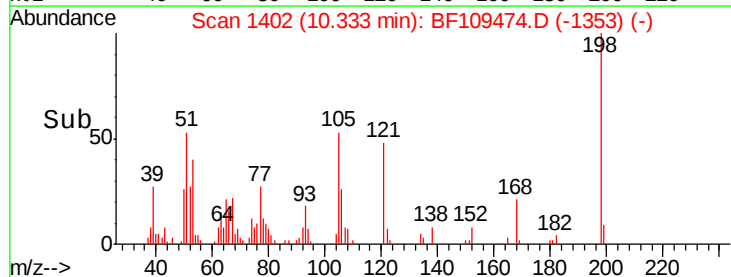
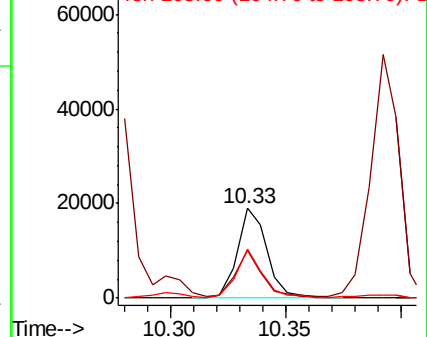
105 55.5 36.3 76.3

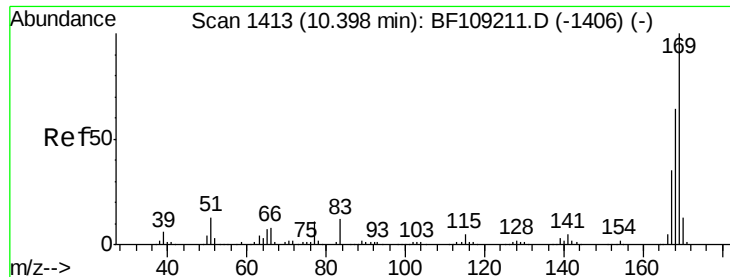


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

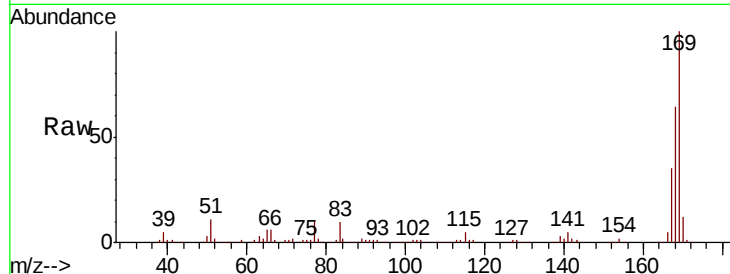




#65
 n-Nitrosodiphenylamine
 Concen: 33.215 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	63.7	54.4	81.6
167	35.2	29.8	44.6

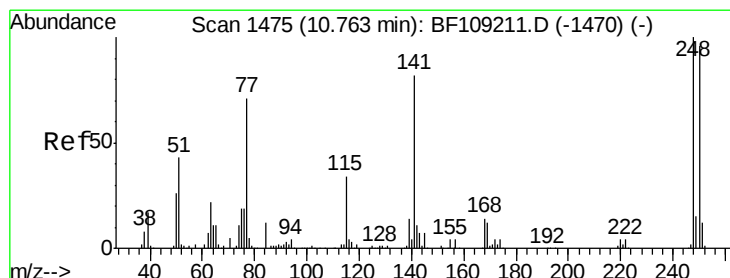
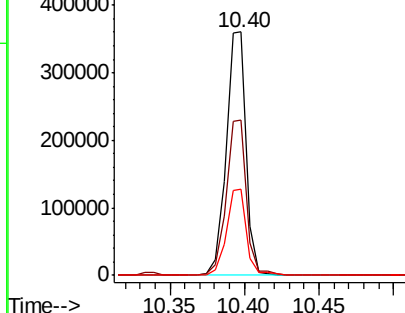
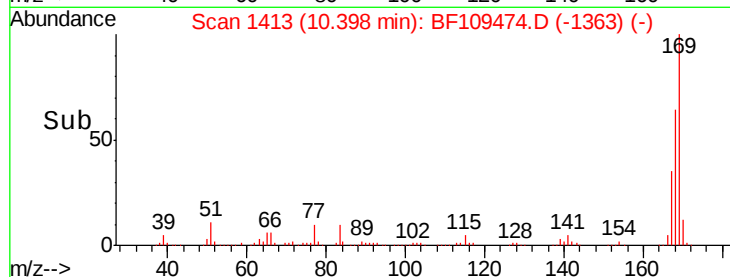


Abundance

Ion 169.00 (168.70 to 169.70): E

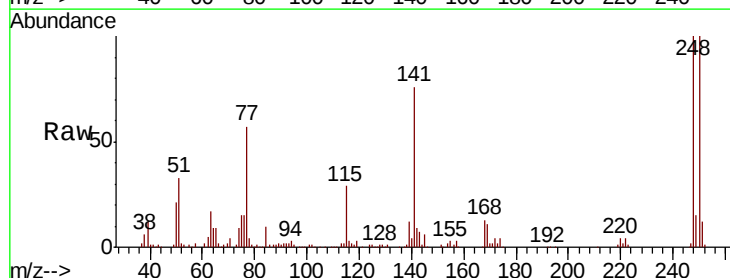
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 32.447 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	76.9	115.3
141	75.8	74.4	111.6

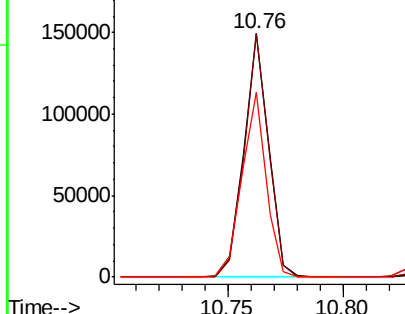
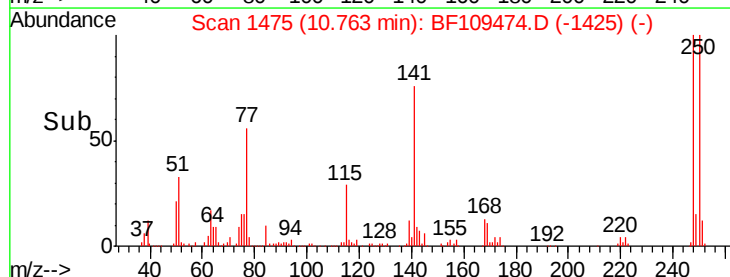


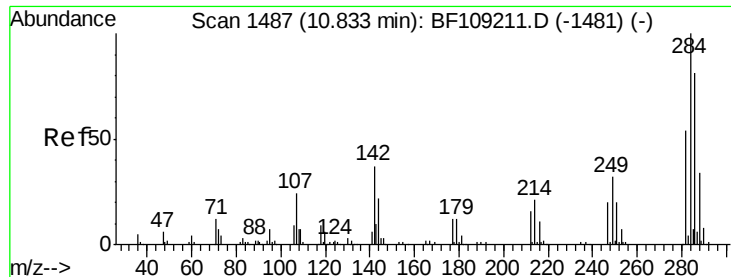
Abundance

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

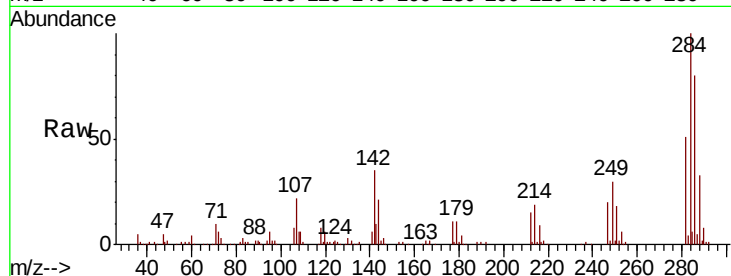




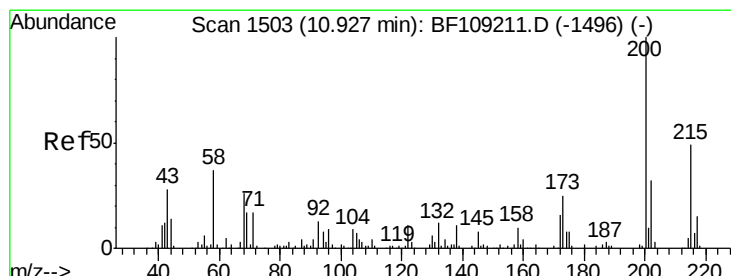
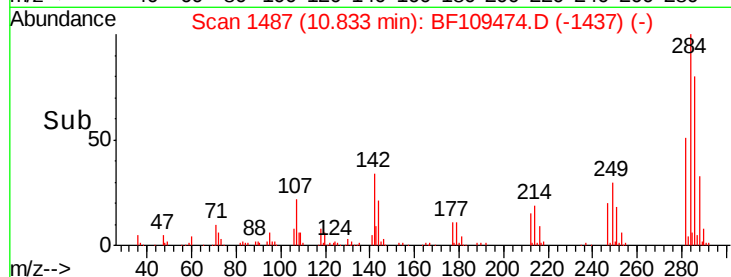
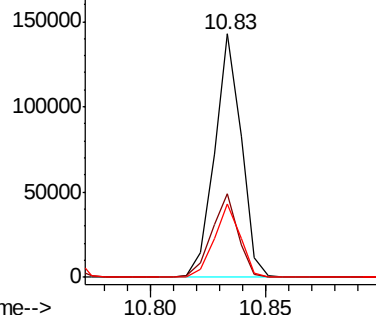
#67
Hexachlorobenzene
Concen: 31.387 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.6	34.6	52.0#
249	30.3	24.8	37.2

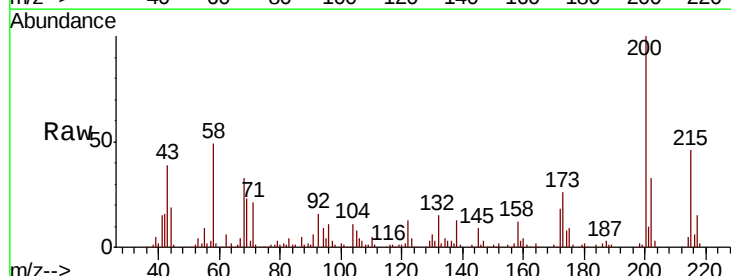


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

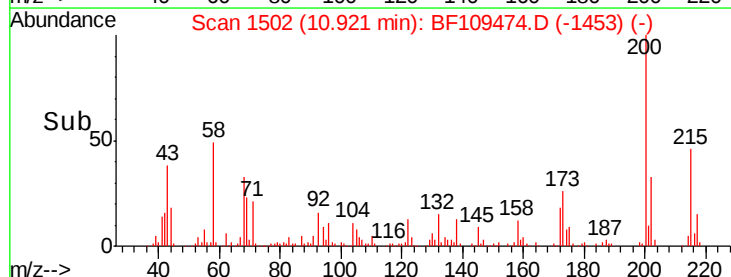
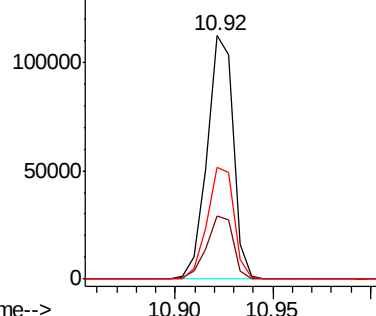


#68
Atrazine
Concen: 33.042 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	46.1	25.1	65.1



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

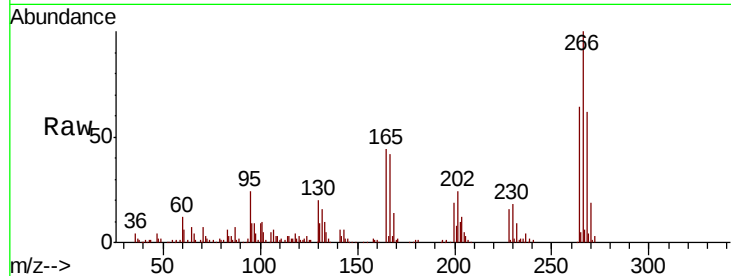




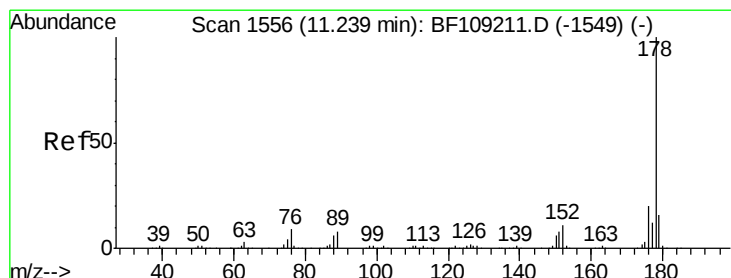
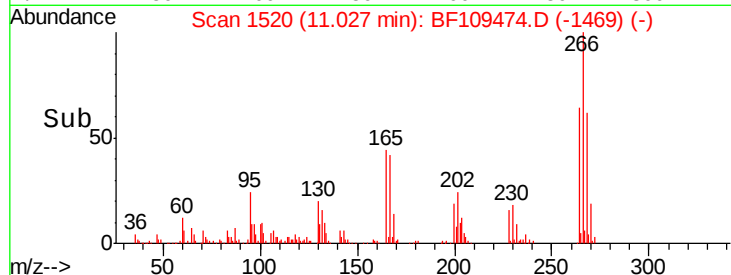
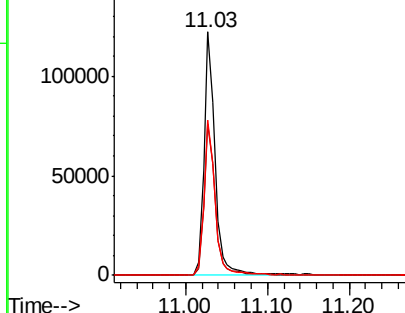
#69
 Pentachlorophenol
 Concen: 53.771 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. -0.00 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

Tot Ion:266 Resp: 118150
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 63.7 49.5 74.3

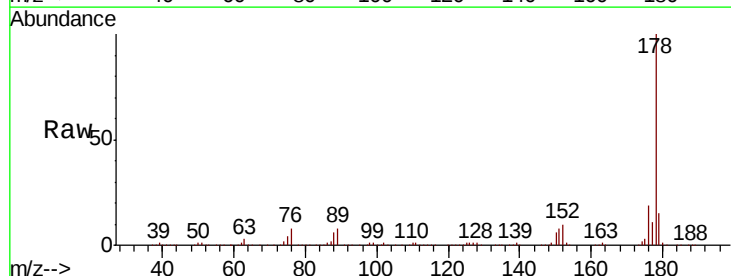


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

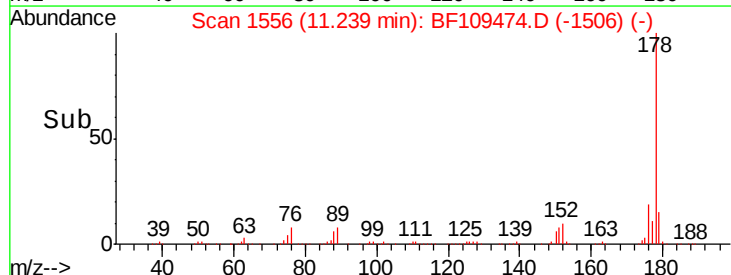
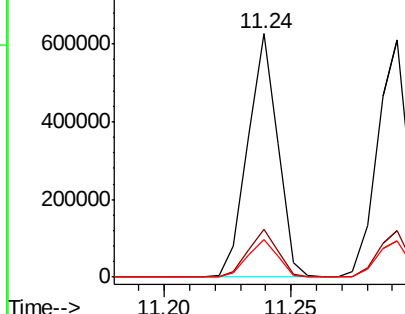


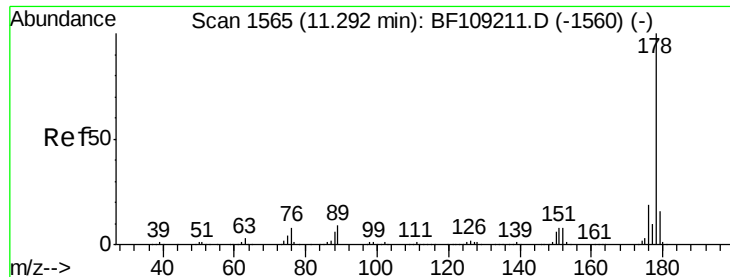
#70
 Phenanthrene
 Concen: 33.274 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:178 Resp: 517162
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 13.0 19.6



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

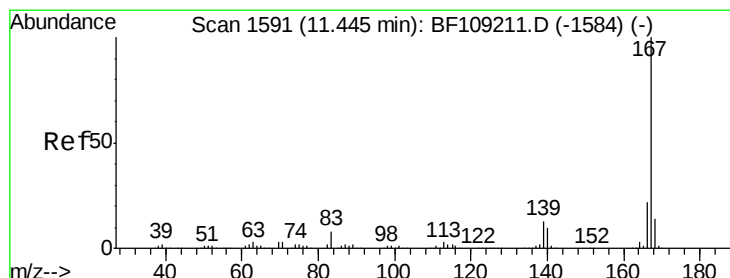
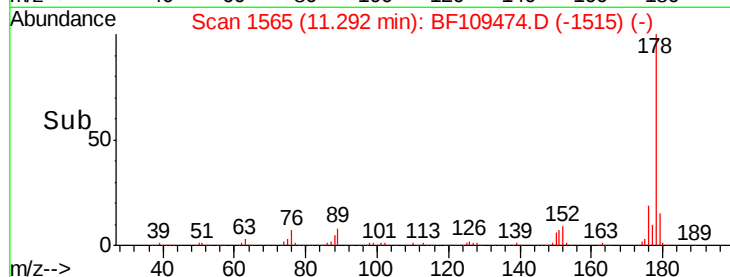
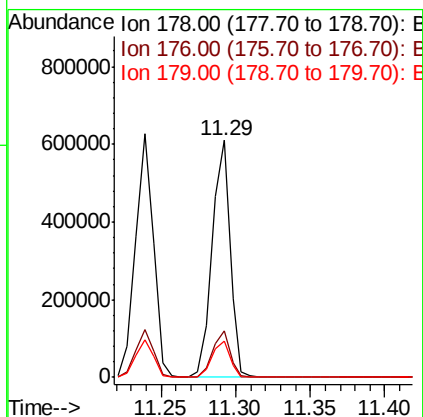
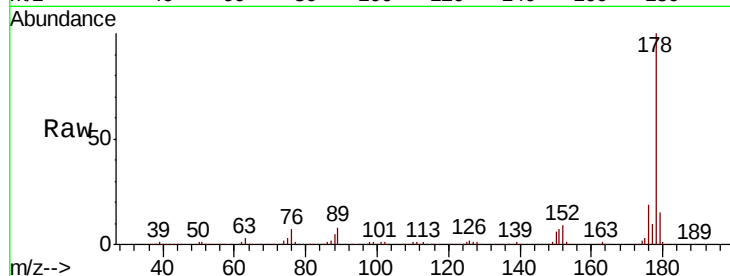




#71
 Anthracene
 Concen: 32.447 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

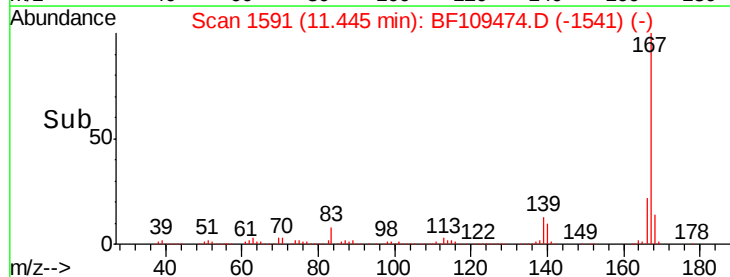
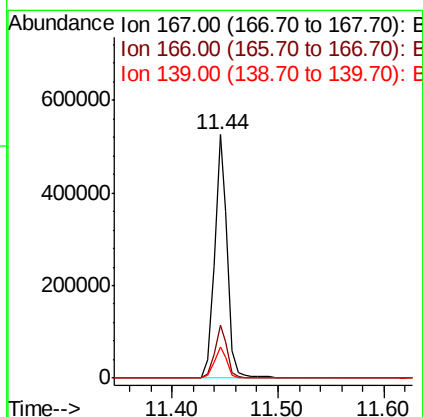
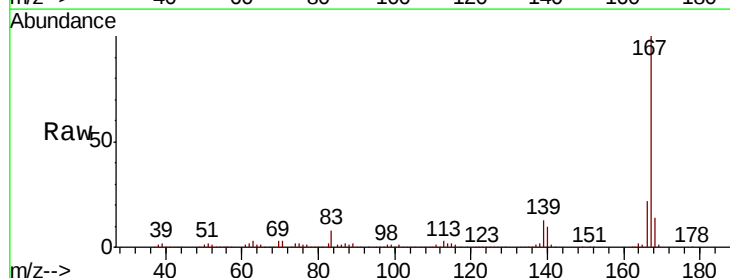
Instrument :
 BNA_F
 ClientSampleId :
 PARCEL-190-092418-2MSD

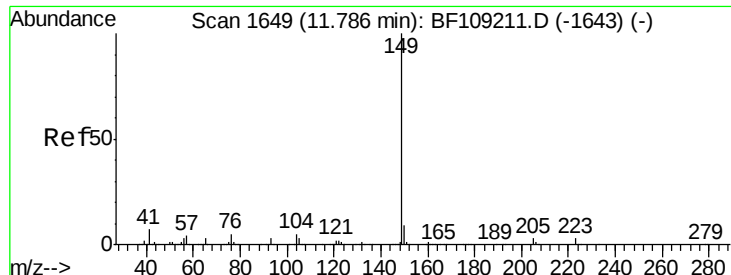
Tot Ion:178 Resp: 511499
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 28.703 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109474.D
 Acq: 1 Oct 2018 16:02

Tgt Ion:167 Resp: 450200
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 33.084 ng

RT: 11.78 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

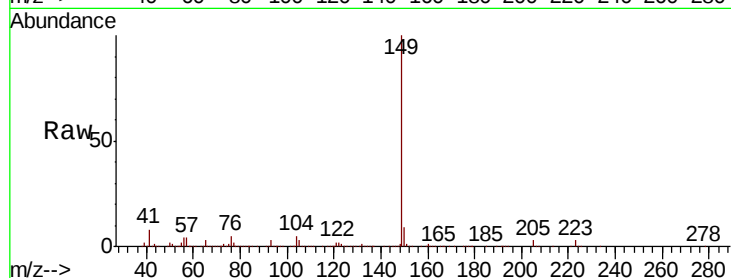
Tot Ion:149 Resp: 597380

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

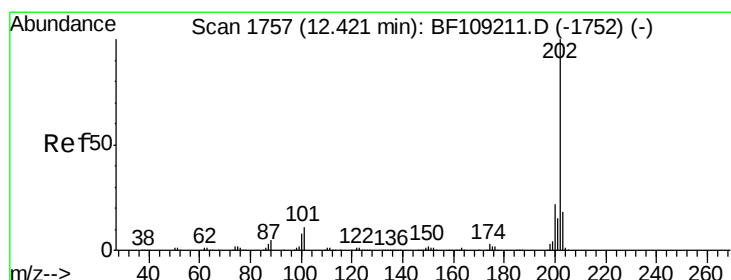
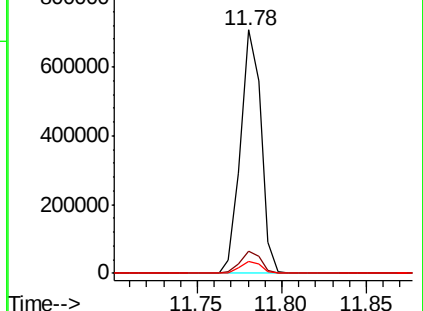
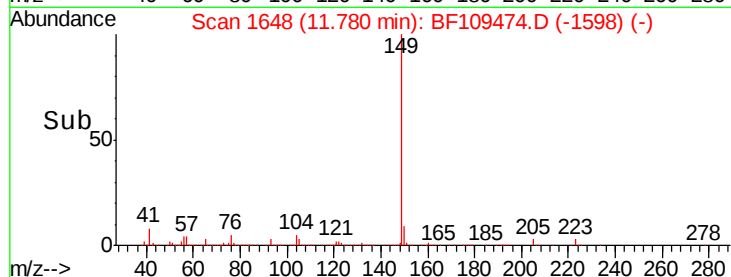
104 5.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.147 ng

RT: 12.42 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

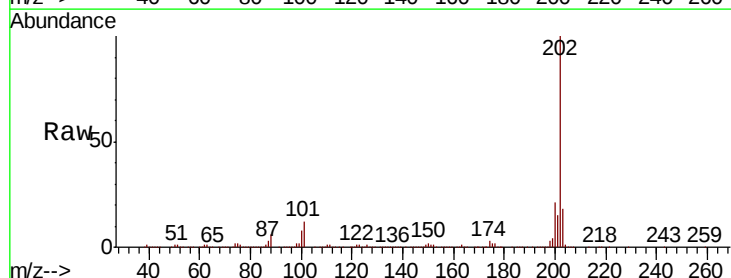
Tgt Ion:202 Resp: 583782

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.1

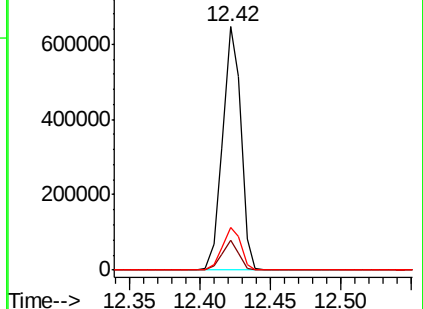
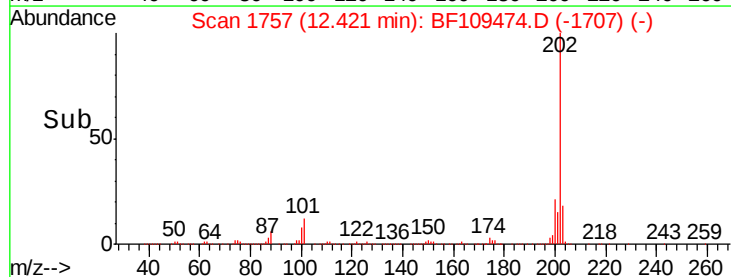
203 17.7 0.0 38.1

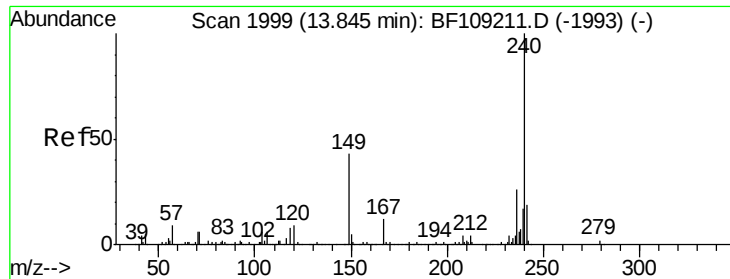


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

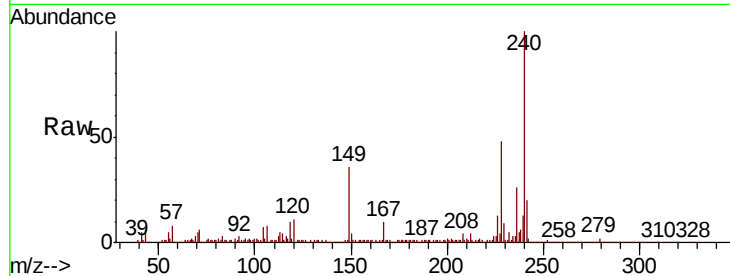
Tot Ion:240 Resp: 253394

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

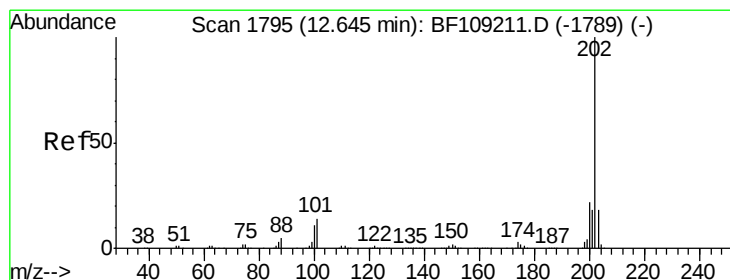
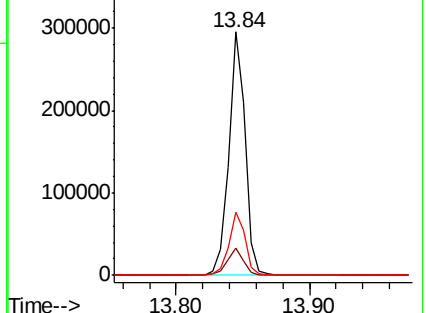
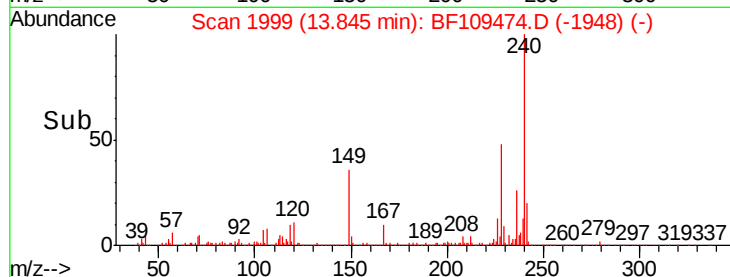
236 26.2 20.7 31.1



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

Pyrene

Concen: 32.245 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

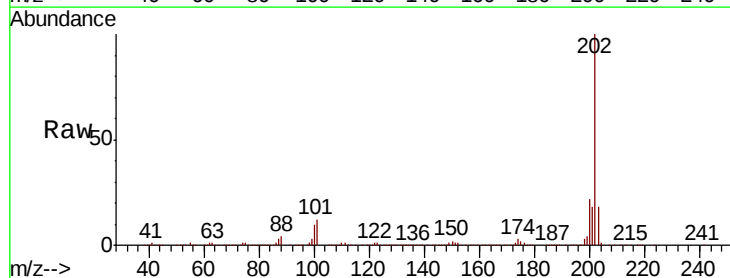
Tgt Ion:202 Resp: 585578

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

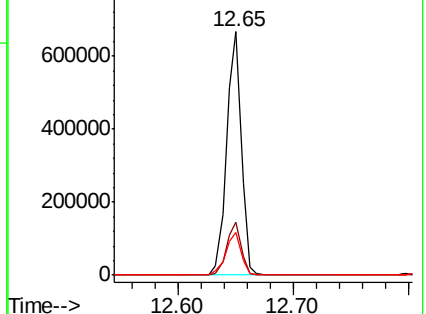
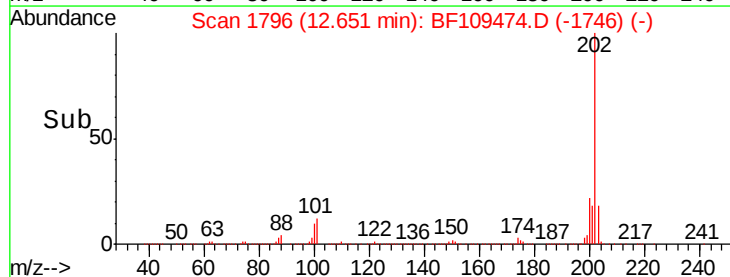
203 17.6 14.3 21.5

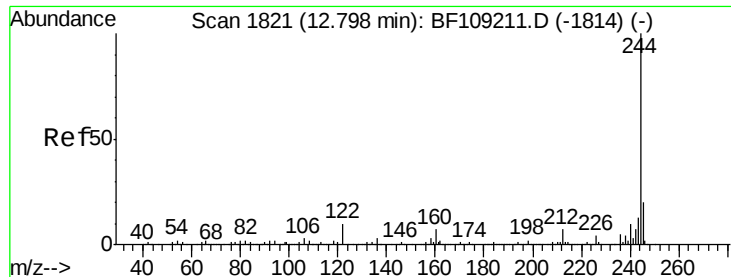


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.789 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

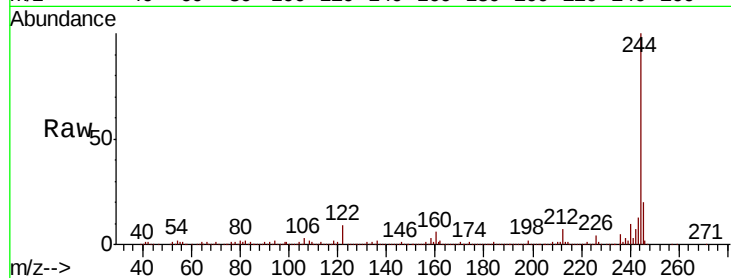
Tot Ion:244 Resp: 668954

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

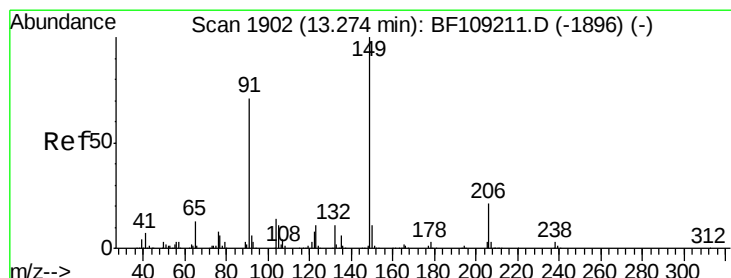
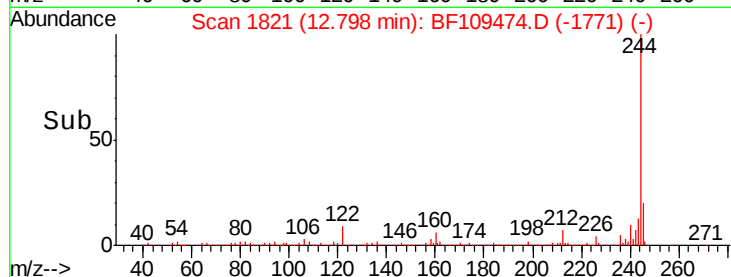
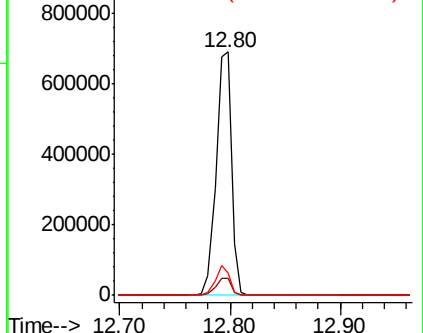
122 9.3 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 32.122 ng

RT: 13.27 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

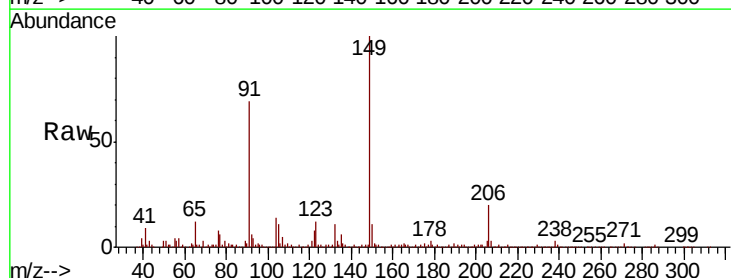
Tgt Ion:149 Resp: 248183

Ion Ratio Lower Upper

149 100

91 69.2 56.8 85.2

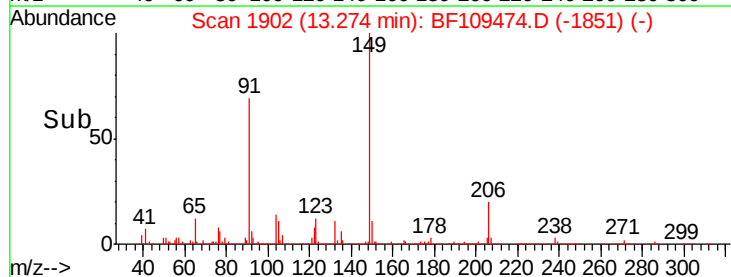
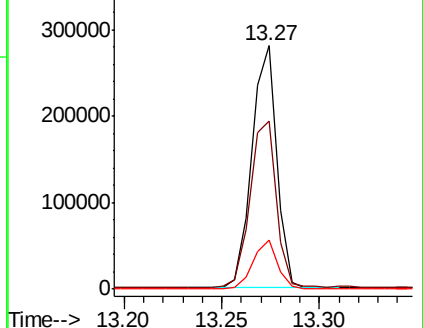
206 20.3 14.1 21.1

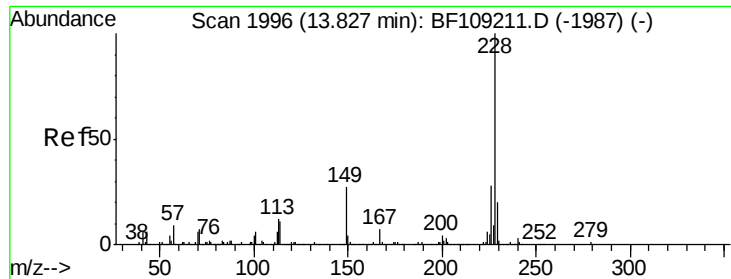


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 31.524 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

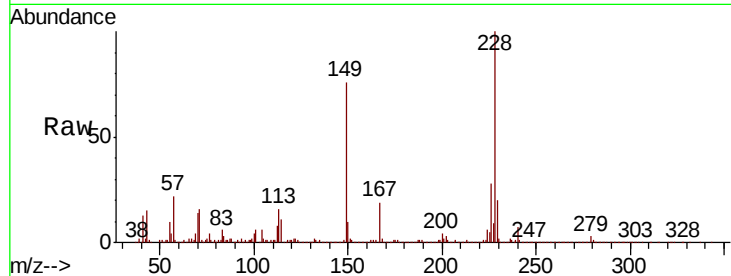
Tot Ion:228 Resp: 481149

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

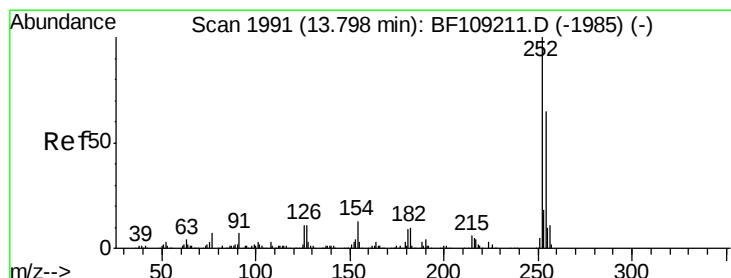
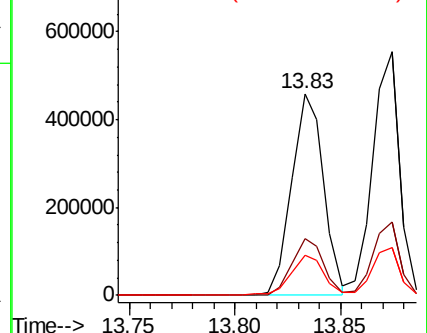
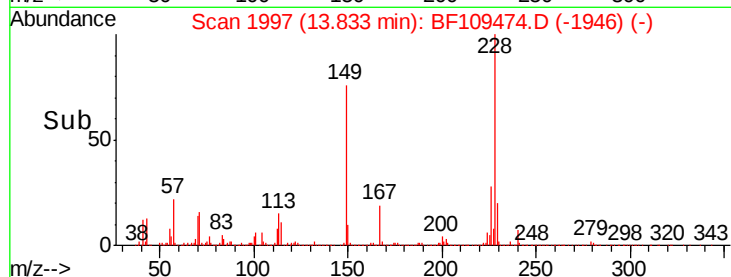
229 20.0 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 10.637 ng

RT: 13.80 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

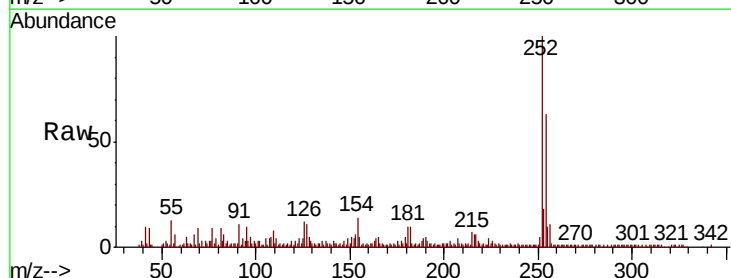
Tgt Ion:252 Resp: 61699

Ion Ratio Lower Upper

252 100

254 63.4 50.4 75.6

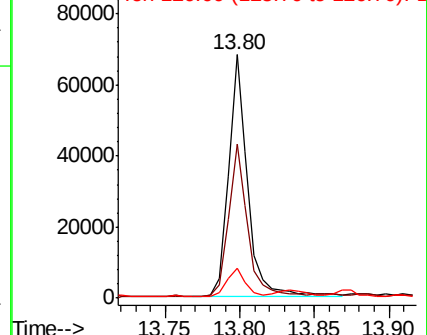
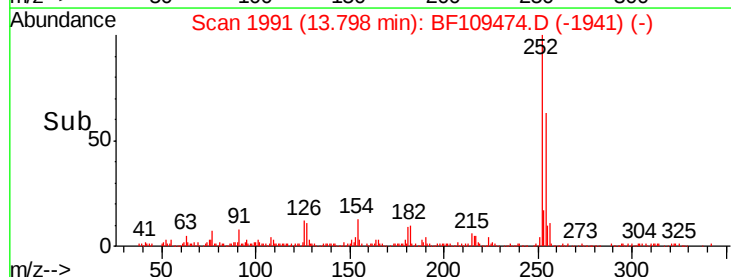
126 12.2 11.3 16.9

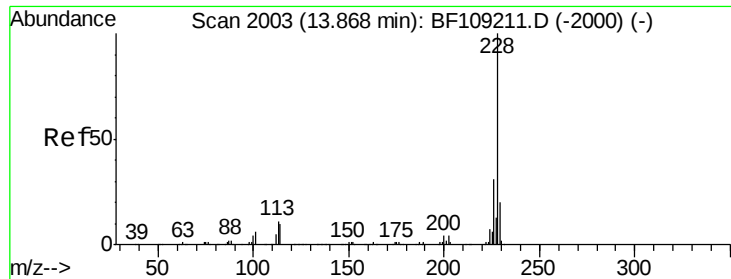


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 32.306 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PARCEL-190-092418-2MSD

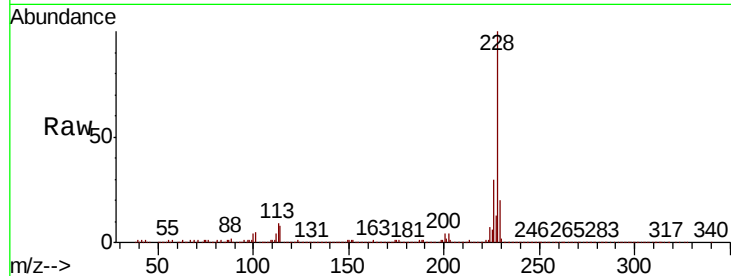
Tot Ion:228 Resp: 488714

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

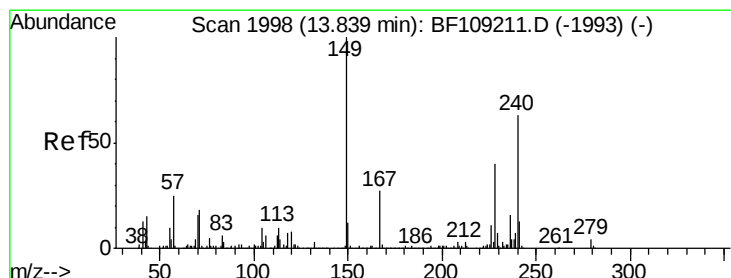
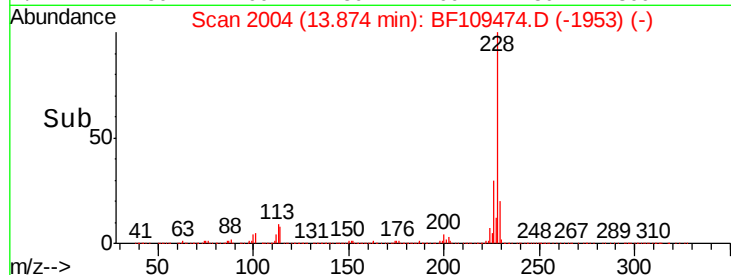
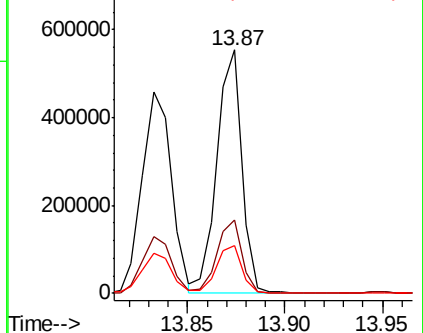
229 19.8 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 34.138 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109474.D

Acq: 1 Oct 2018 16:02

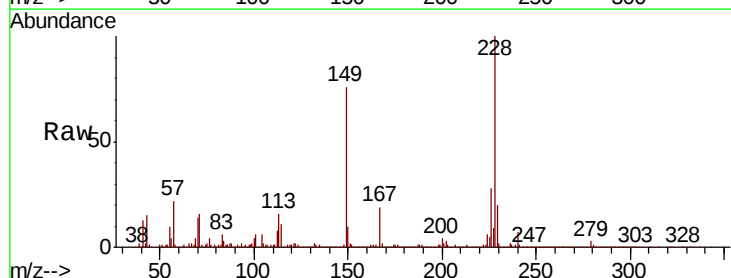
Tgt Ion:149 Resp: 332634

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

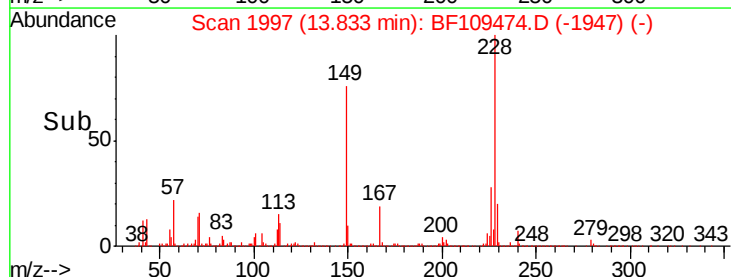
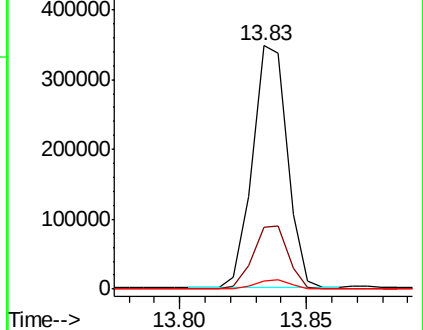
279 3.4 3.0 4.4

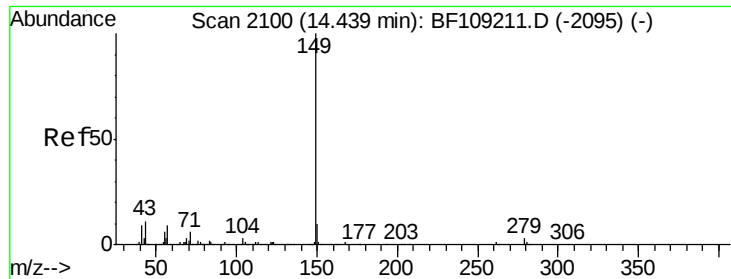


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

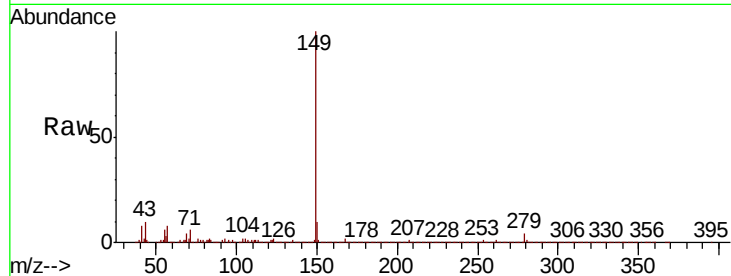




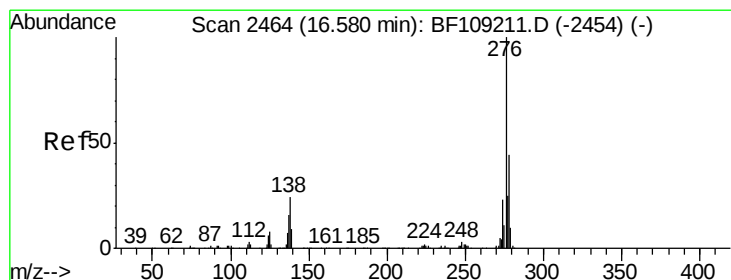
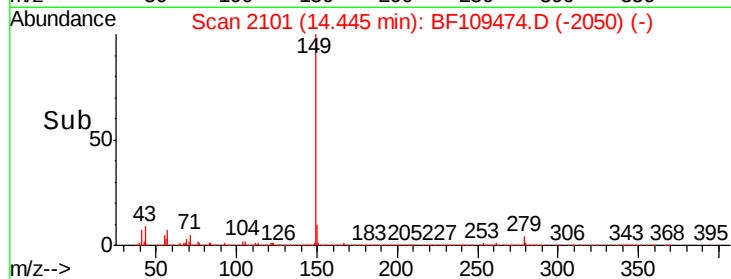
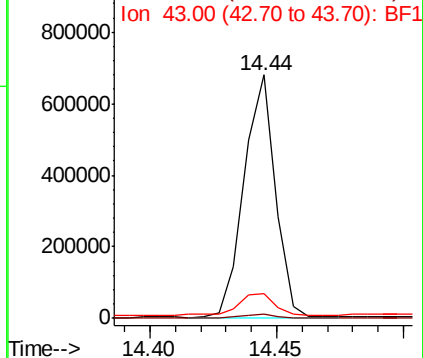
#84
Di-n-octyl phthalate
Concen: 34.861 ng
RT: 14.44 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.6	8.4	12.6

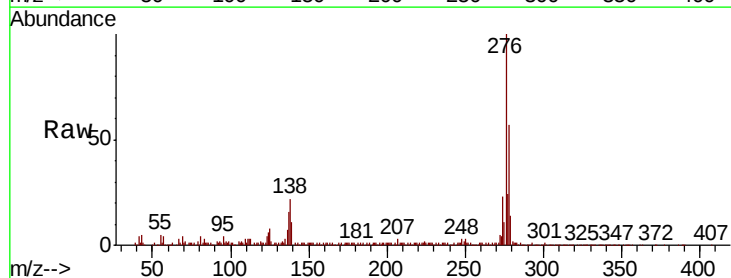


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

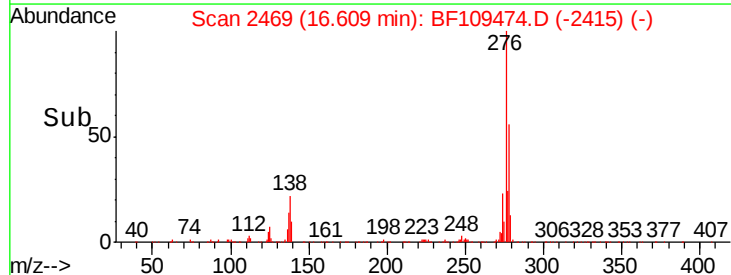
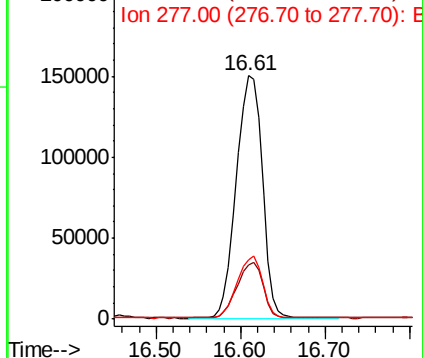


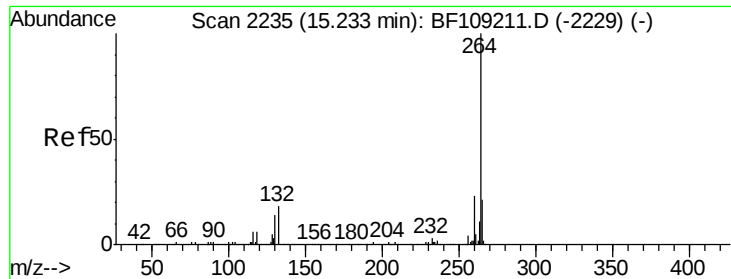
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.125 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	24.6	20.1	30.1



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



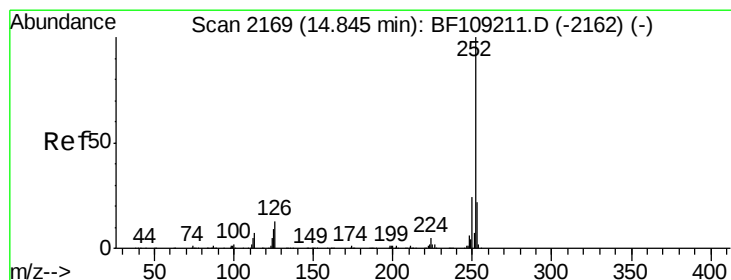
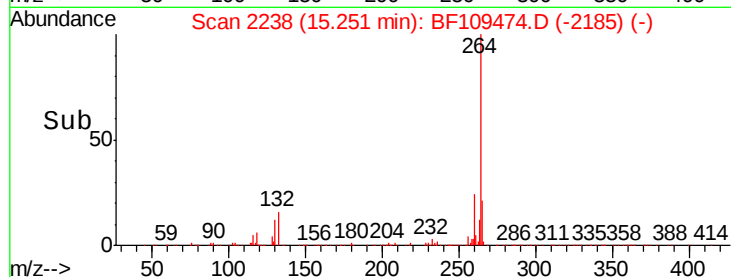
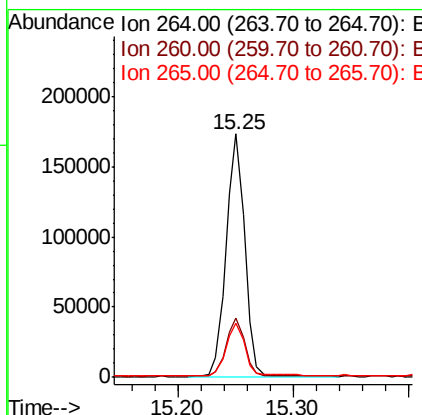
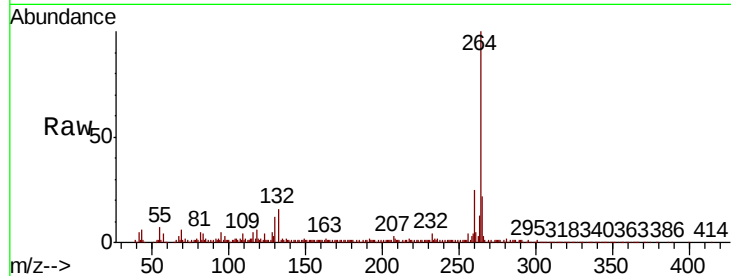


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion:264 Resp: 192411

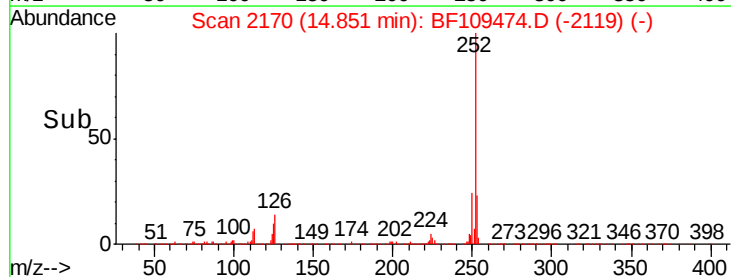
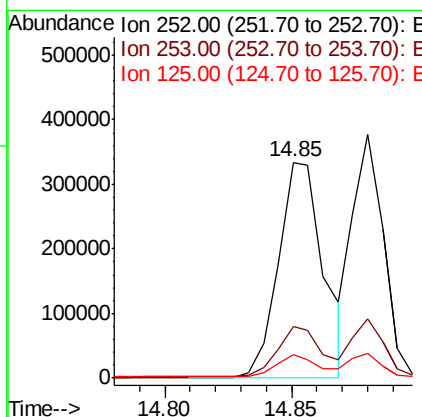
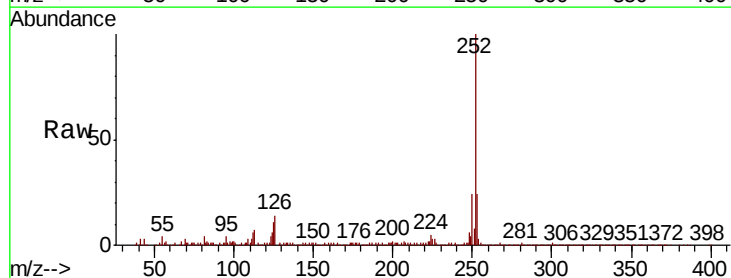
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.5	26.3

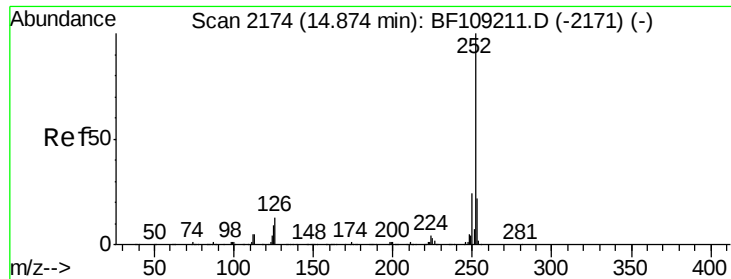


#87
Benzo(b)fluoranthene
Concen: 39.035 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:252 Resp: 412711

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	11.0	9.0	13.6

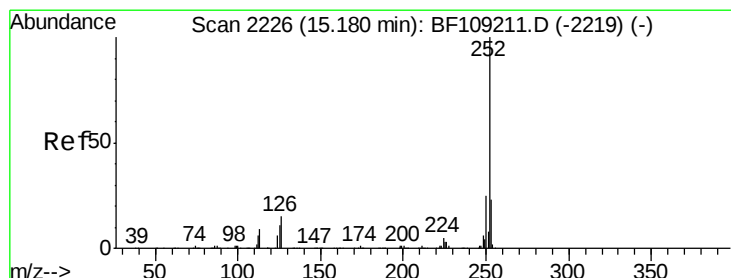
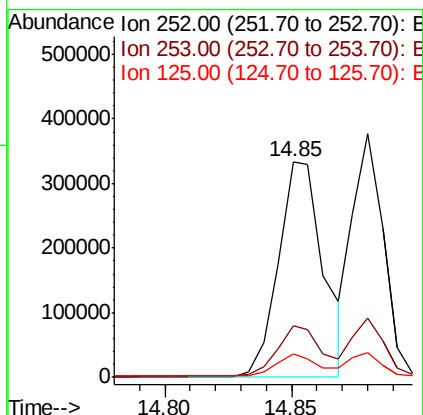
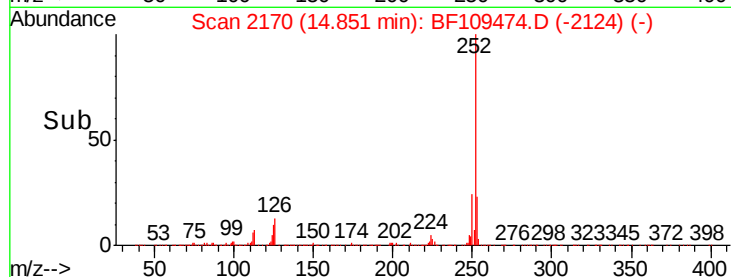
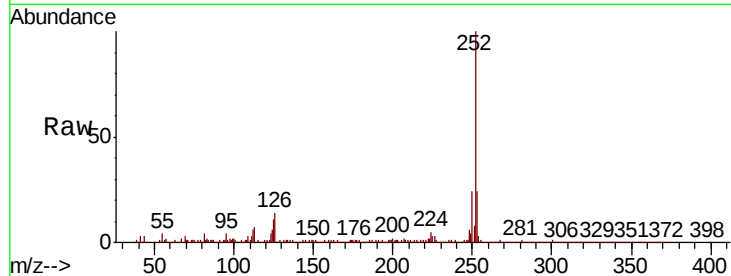




#88
Benzo(k)fluoranthene
Concen: 41.136 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

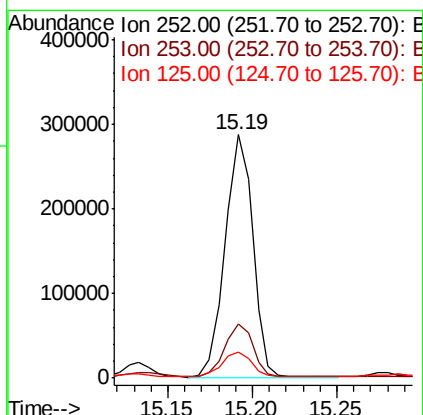
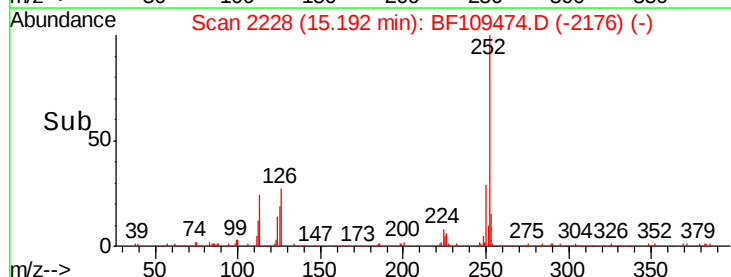
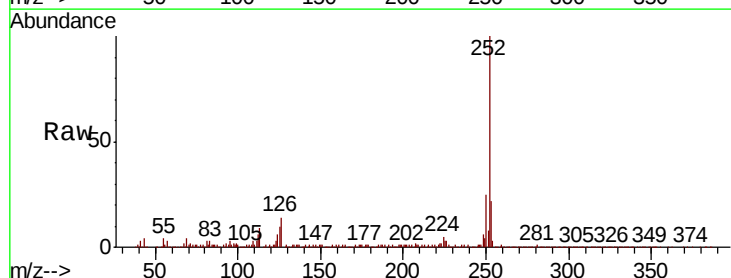
Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

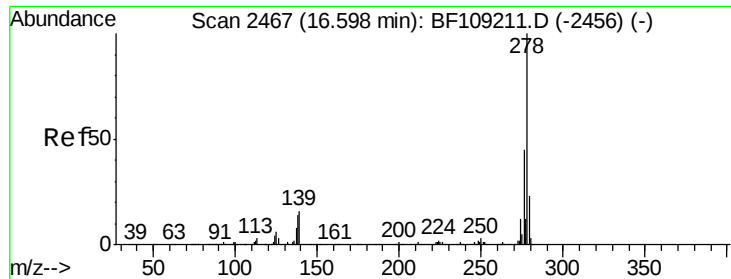
Tot Ion:252 Resp: 412711
Ion Ratio Lower Upper
252 100
253 23.8 17.9 26.9
125 11.0 10.2 15.2



#89
Benzo(a)pyrene
Concen: 34.437 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion:252 Resp: 328079
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 10.5 9.8 14.6

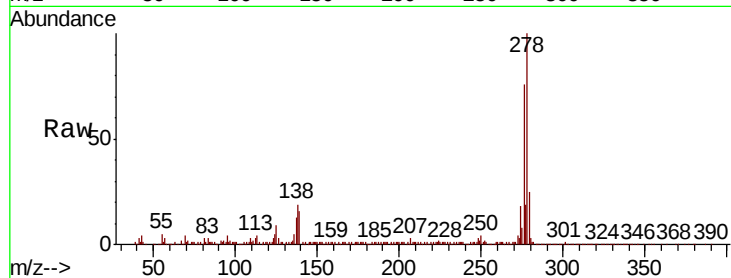




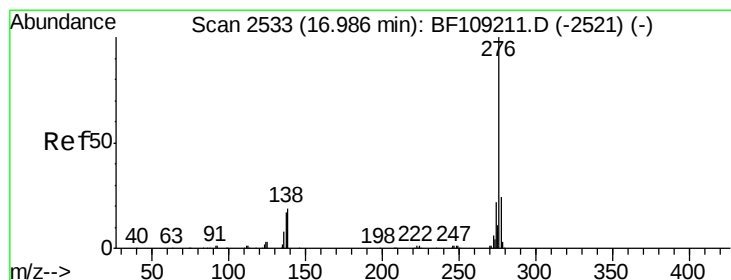
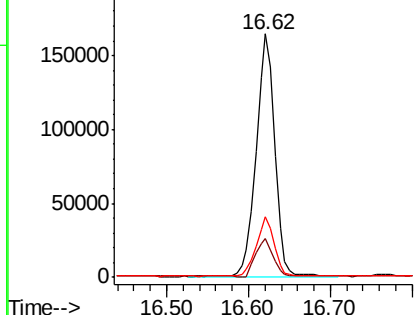
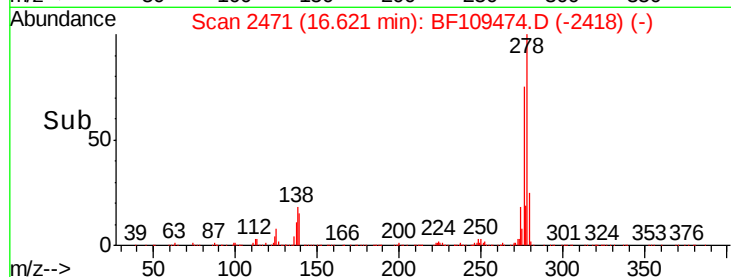
#90
Dibenzo(a,h)anthracene
Concen: 33.249 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PARCEL-190-092418-2MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	25.0	19.0	28.4

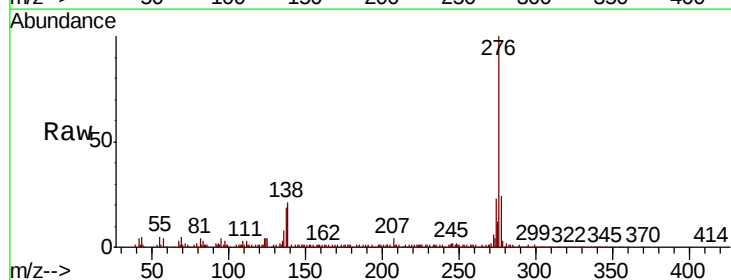


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 34.320 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.02 min
Lab File: BF109474.D
Acq: 1 Oct 2018 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	20.7	21.8	32.8#



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

