

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098477.D
 Acq On : 13 Sep 2017 4:12
 Operator : SJ/JU
 Sample : I5175-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Quant Time: Sep 13 05:42:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	209075	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	835374	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	327003	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	490742	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	383368	20.00	ng	0.00
86) Perylene-d12	15.20	264	286373	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1748145	123.62	ng	0.02
7) Phenol-d6	6.32	99	1976308	110.08	ng	0.00
23) Nitrobenzene-d5	7.23	82	1382241	92.25	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	320045	146.64	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	2147216	111.29	ng	-0.01
78) Terphenyl-d14	12.76	244	1420974	80.00	ng	0.00

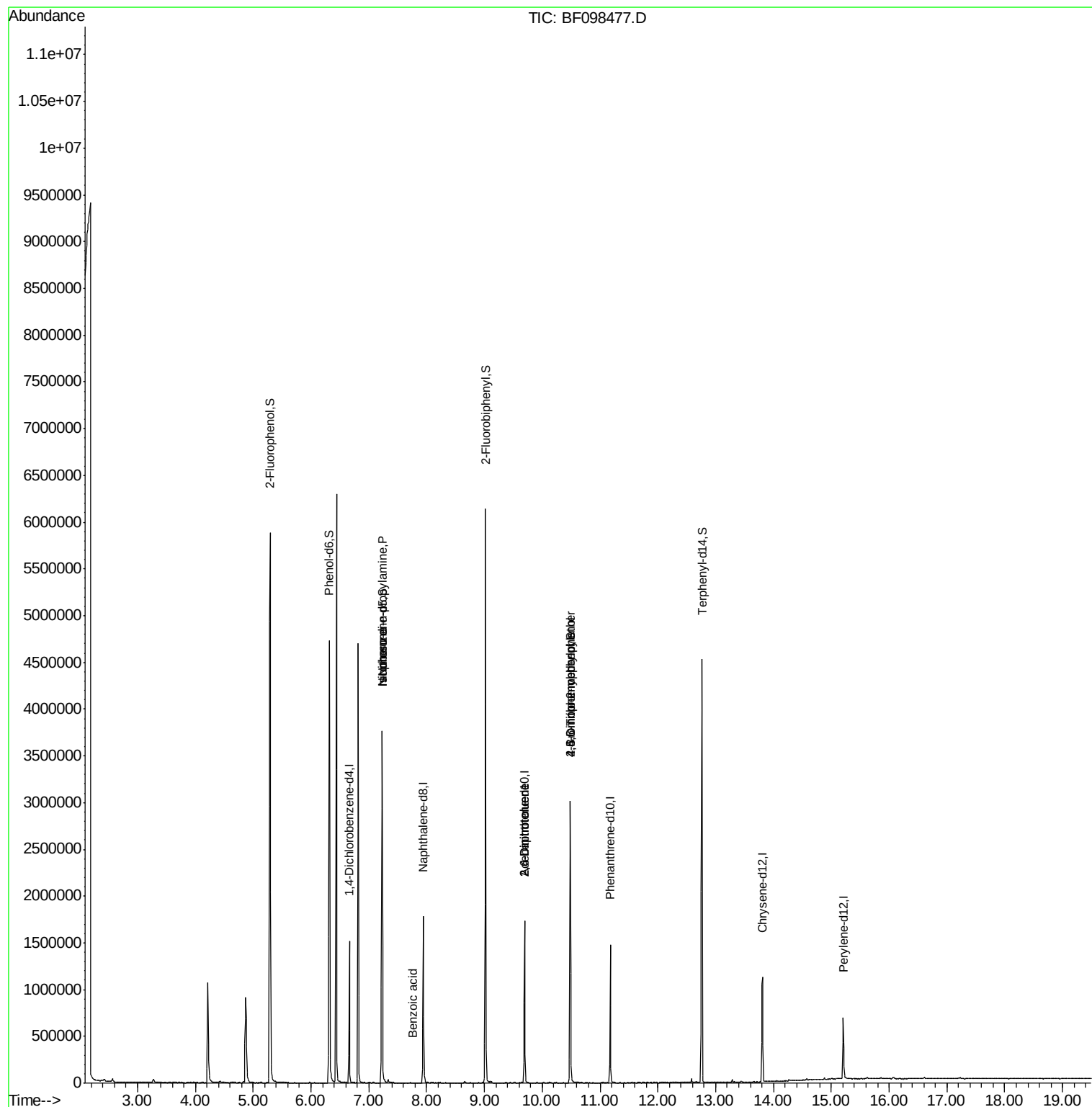
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	185931	16.464	ng	# 80
25) Isophorone	7.23	82	1341703	44.255	ng	# 67
32) Benzoic acid	7.76	122	469	8.014	ng	# 48
50) 2,6-Dinitrotoluene	9.69	165	41135	7.911	ng	# 34
56) 2,4-Dinitrotoluene	9.69	165	41135	6.507	ng	# 34
64) 4,6-Dinitro-2-methylphenol	10.49	198	1042	5.275	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	24400	5.239	ng	# 1

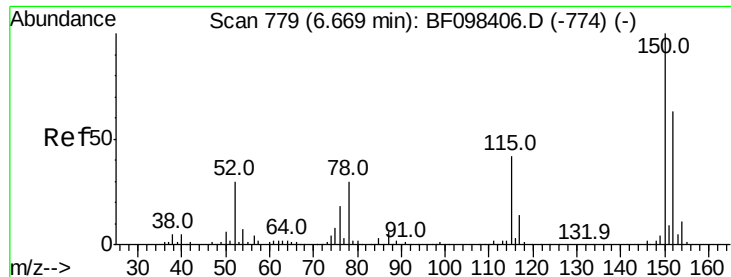
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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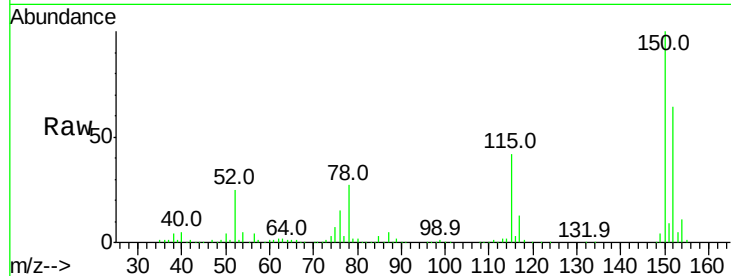


#1

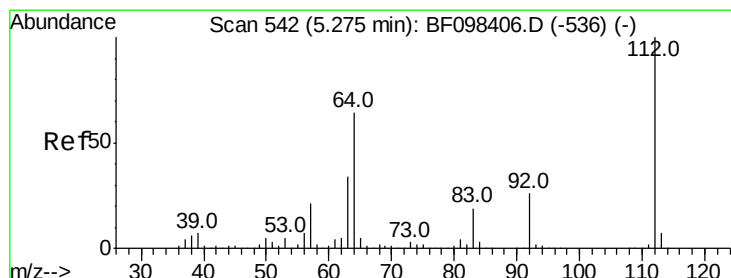
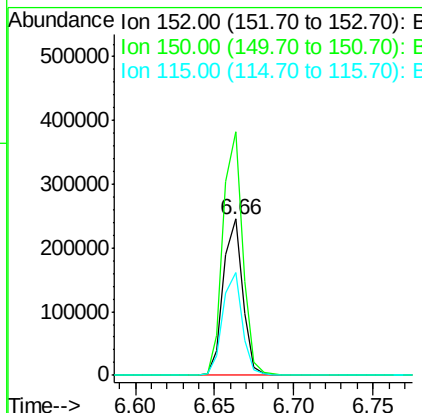
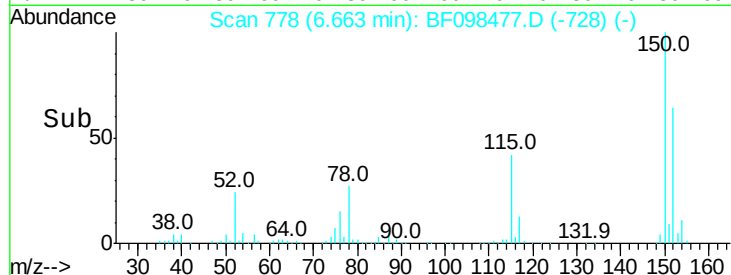
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion:152 Resp: 209075
 Ion Ratio Lower Upper
 152 100
 150 156.0 126.2 189.2
 115 65.8 52.2 78.2



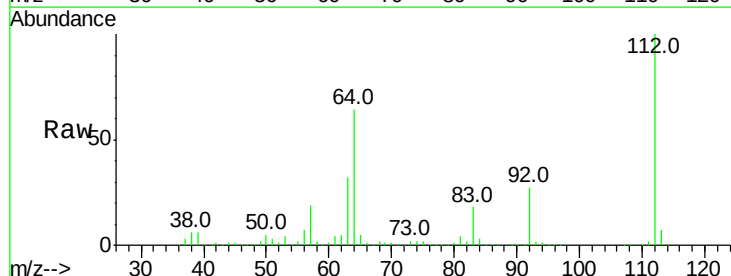
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



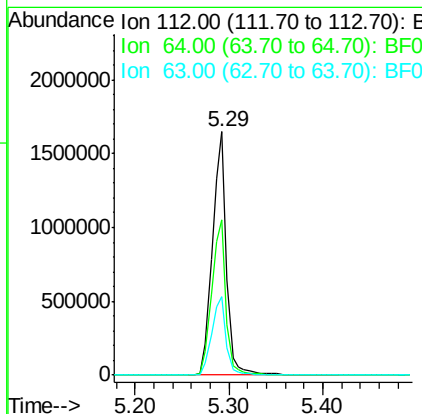
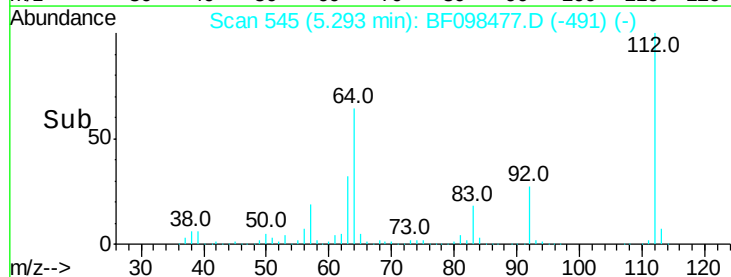
#5

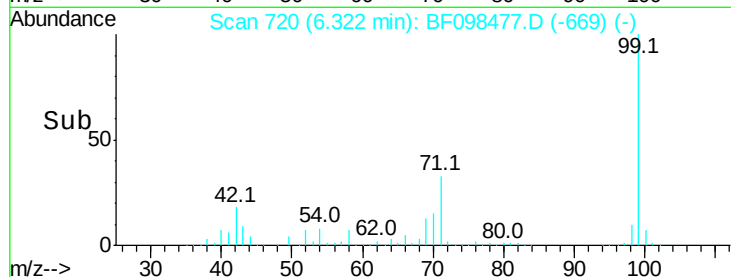
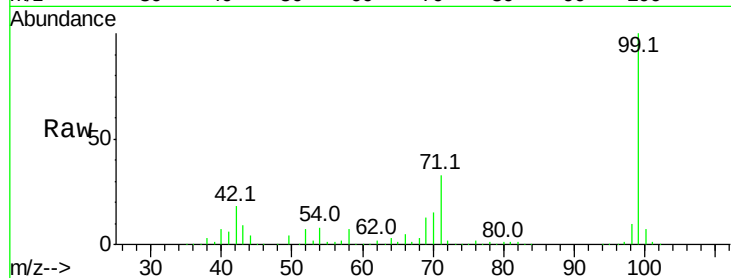
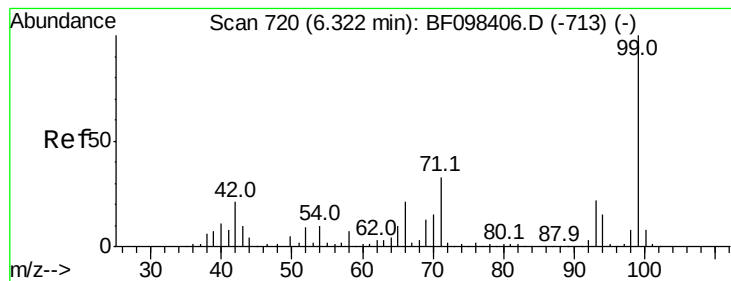
2-Fluorophenol
 Concen: 123.624 ng
 RT: 5.29 min Scan# 545
 Delta R.T. 0.02 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Tgt Ion:112 Resp: 1748145
 Ion Ratio Lower Upper
 112 100
 64 63.5 46.0 69.0
 63 32.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.076 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

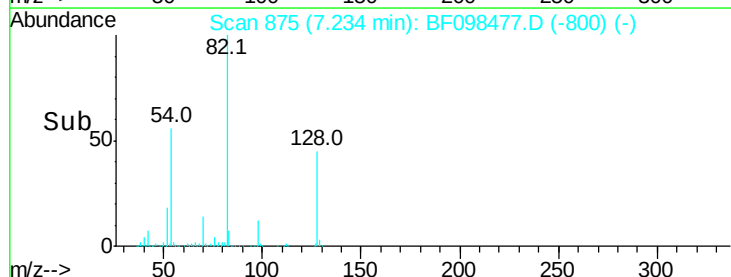
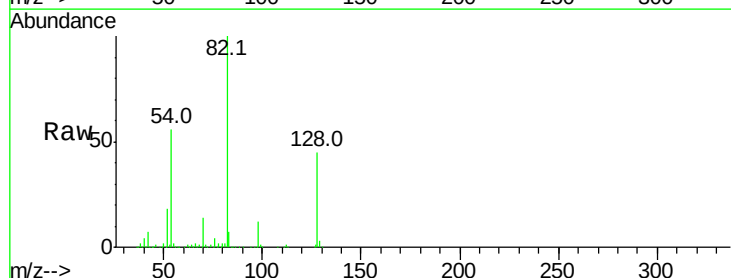
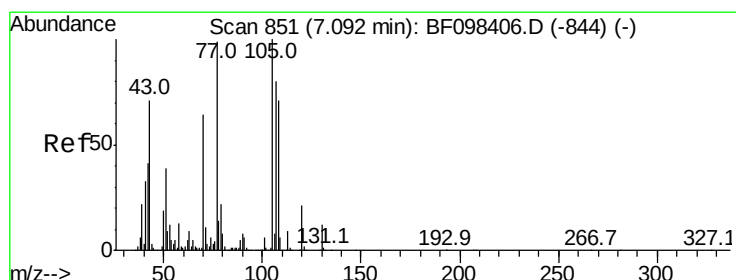
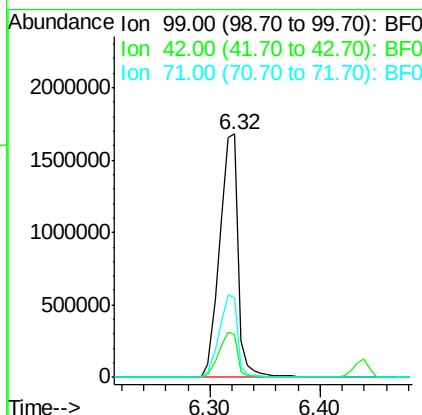
Tot Ion: 99 Resp: 1976308

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 32.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.464 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Tgt Ion: 70 Resp: 185931

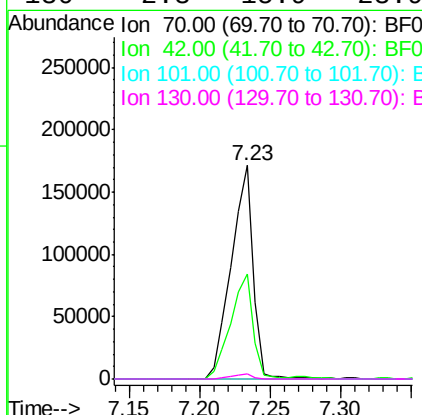
Ion Ratio Lower Upper

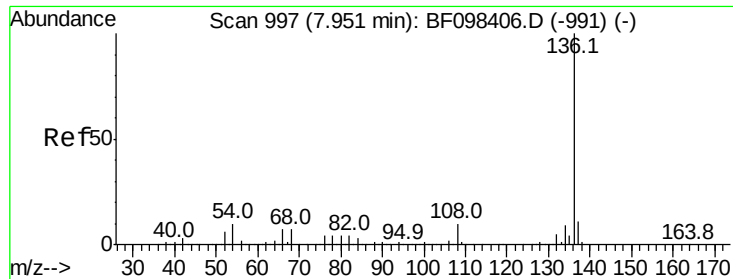
70 100

42 49.1 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

Tot Ion:136 Resp: 835374

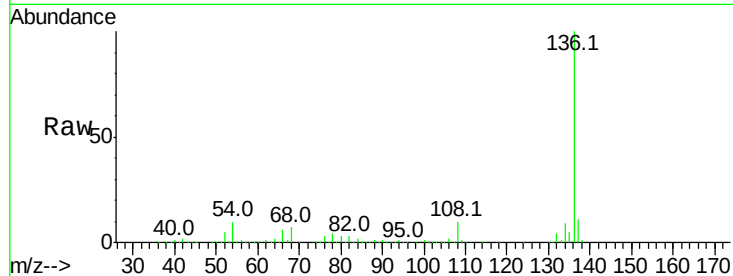
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.6 4.9 7.3#

68 6.7 4.1 6.1#

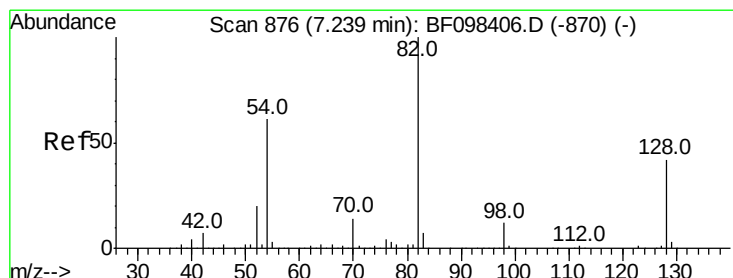
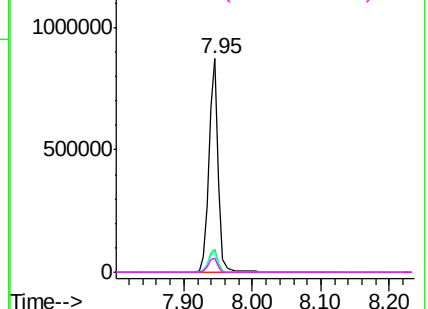
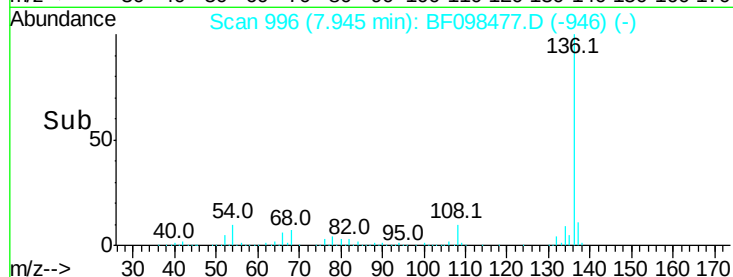


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.245 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

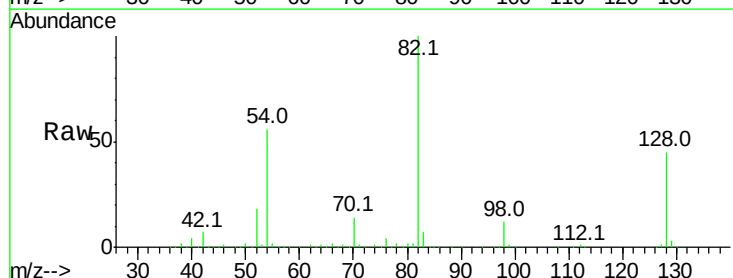
Tgt Ion: 82 Resp: 1382241

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

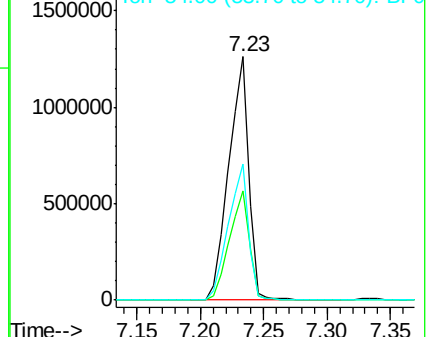
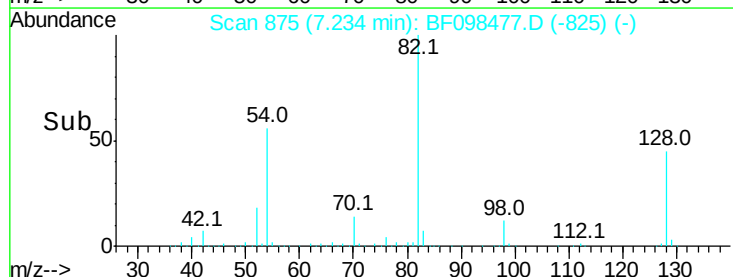
54 55.8 42.2 63.2

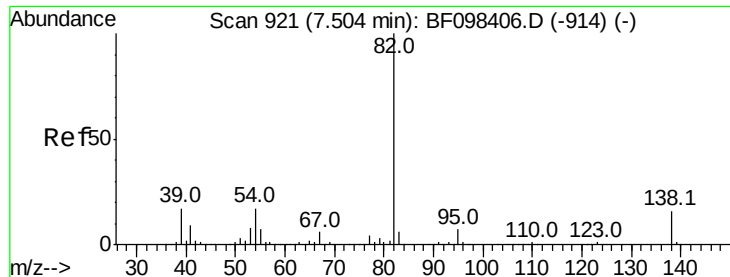


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 44.255 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.27 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

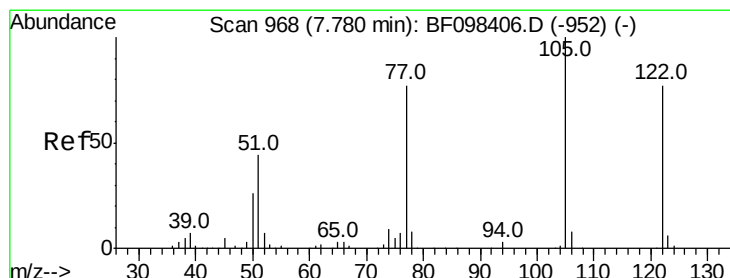
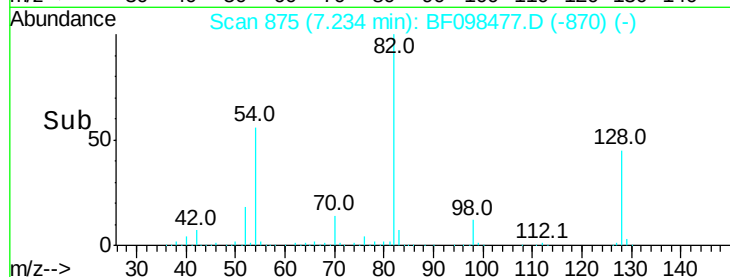
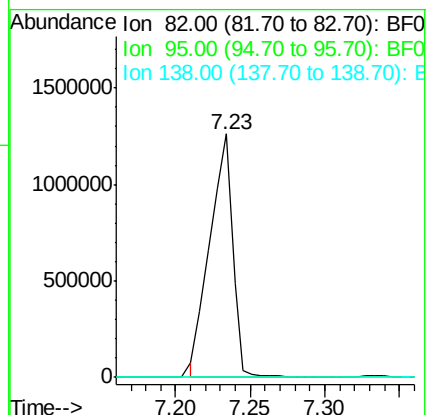
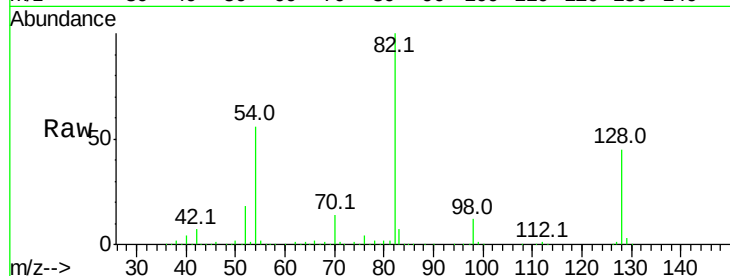
Tot Ion: 82 Resp: 1341703

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 8.014 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

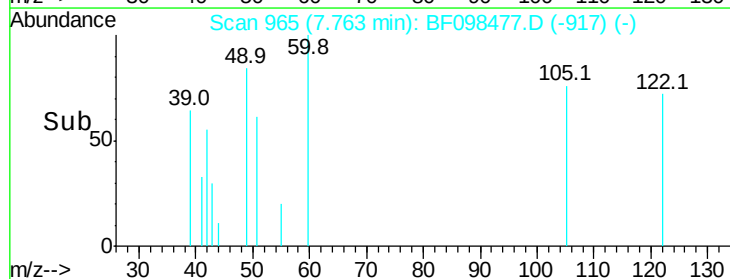
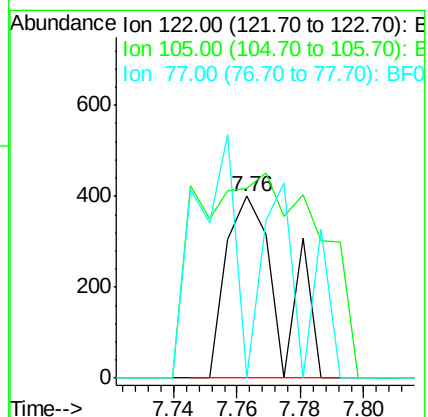
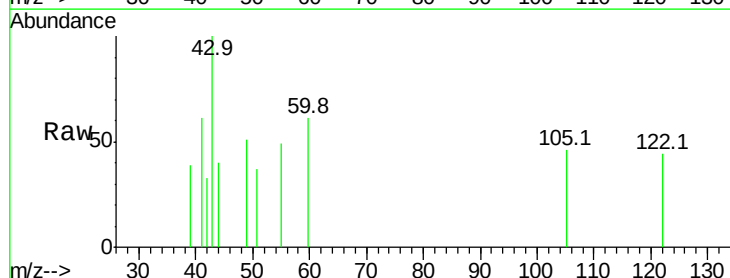
Tgt Ion:122 Resp: 469

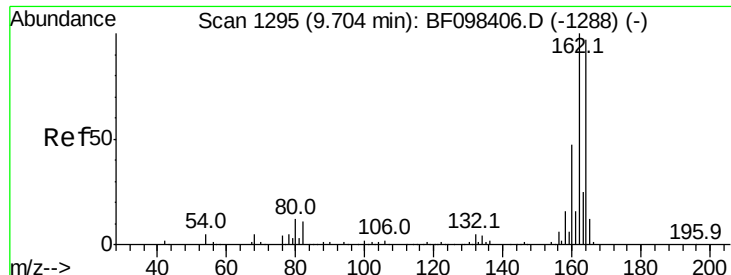
Ion Ratio Lower Upper

122 100

105 104.3 103.3 143.3

77 0.0 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

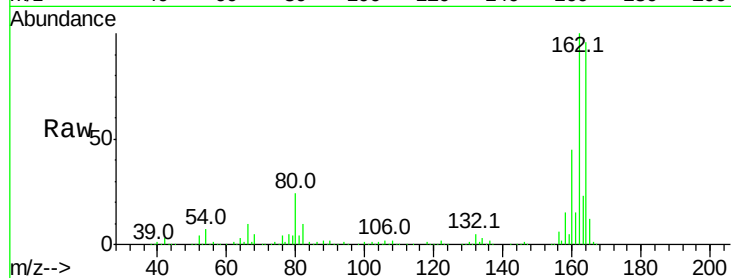
Tot Ion:164 Resp: 327003

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

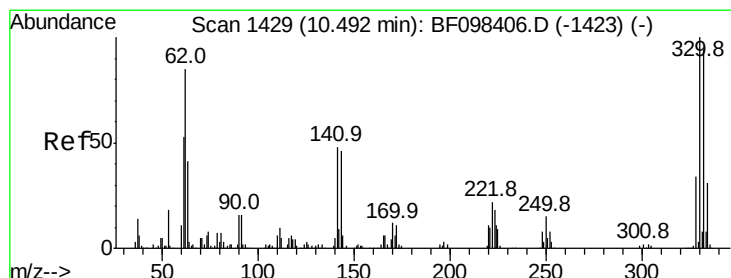
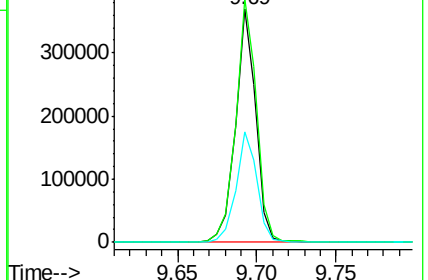
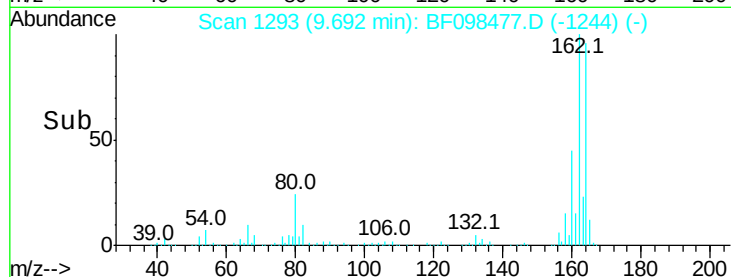
160 47.5 36.2 54.2



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



#41

2,4,6-Tribromophenol

Concen: 146.643 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

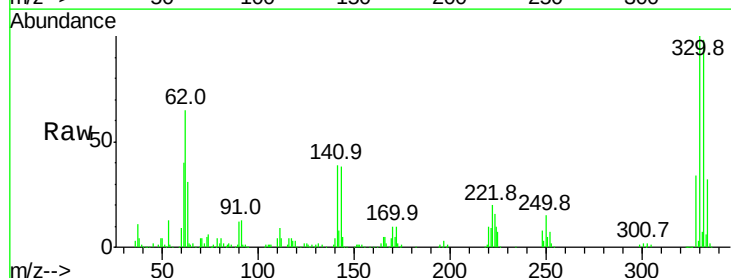
Tgt Ion:330 Resp: 320045

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

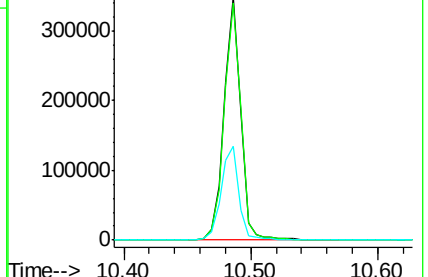
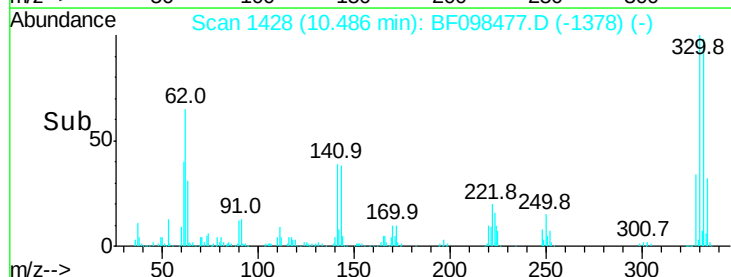
141 41.6 31.4 47.2

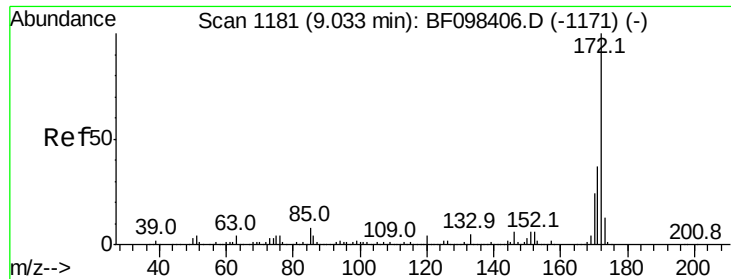


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

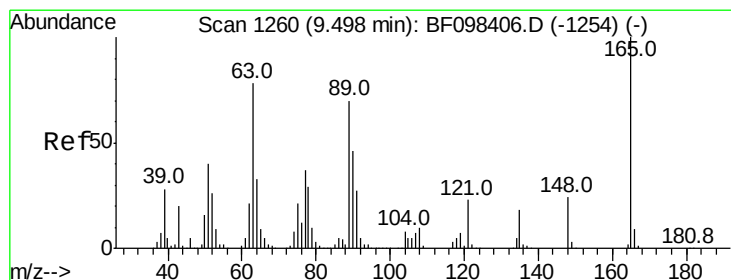
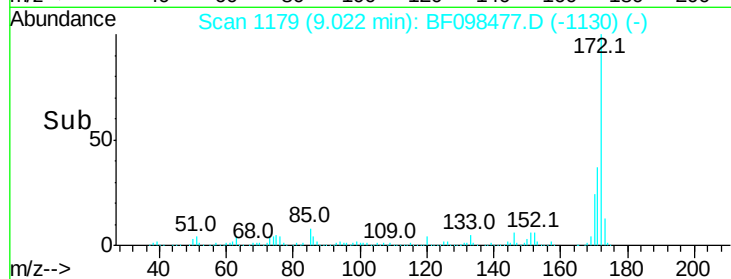
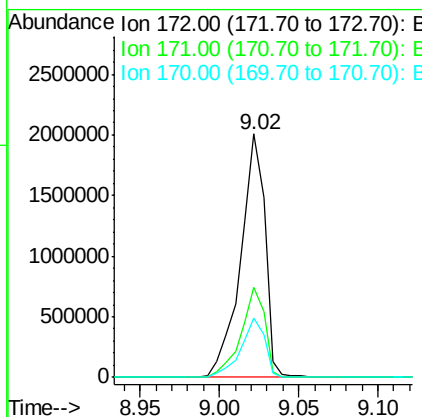
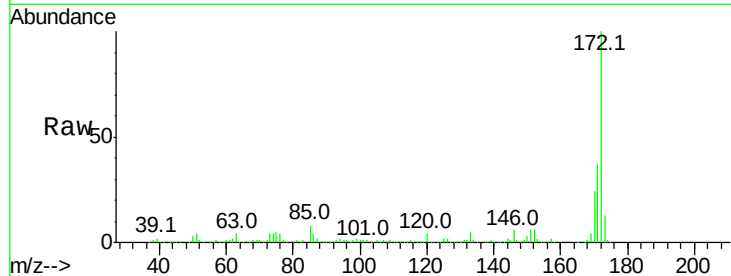




#44
 2-Fluorobiphenyl
 Concen: 111.294 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

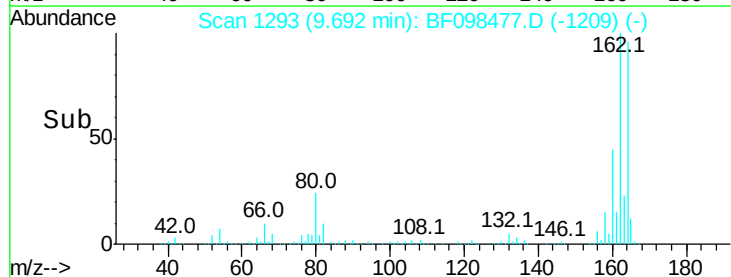
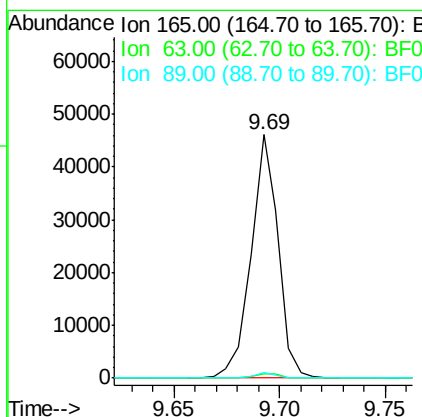
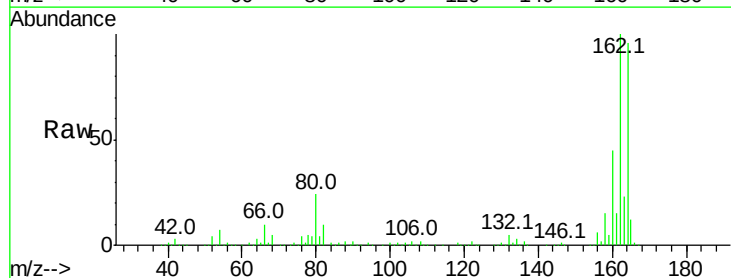
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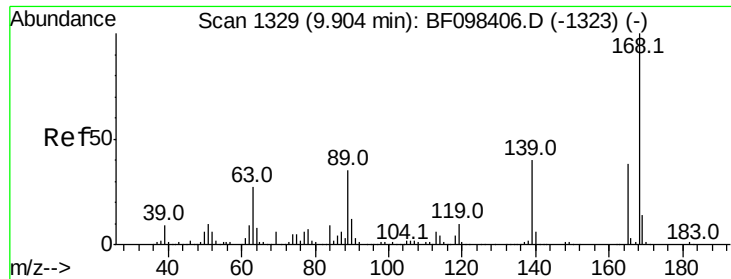
Tot Ion:172 Resp: 2147216
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.2 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.911 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.19 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Tgt Ion:165 Resp: 41135
 Ion Ratio Lower Upper
 165 100
 63 1.8 34.3 51.5#
 89 2.1 37.1 55.7#

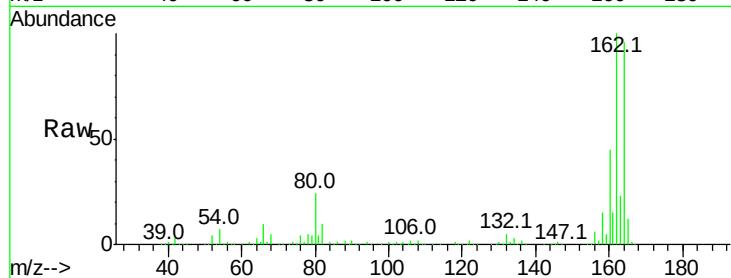




#56
 2,4-Dinitrotoluene
 Concen: 6.507 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

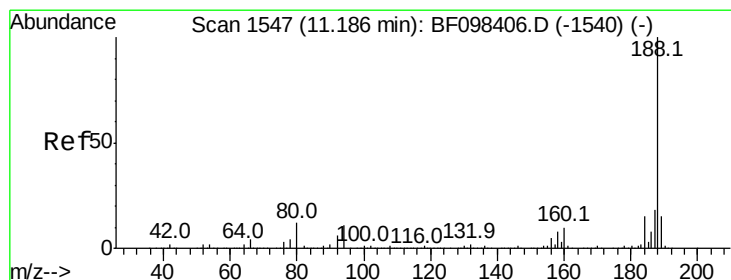
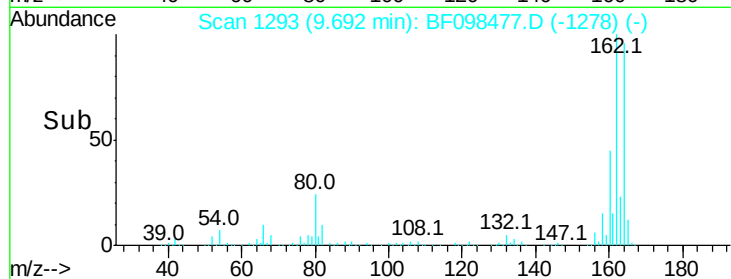
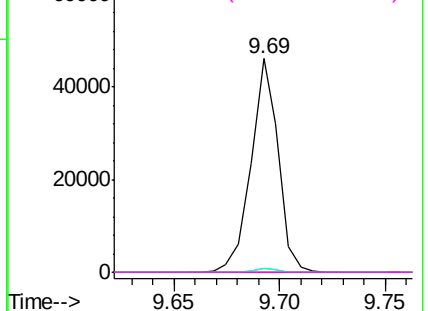


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

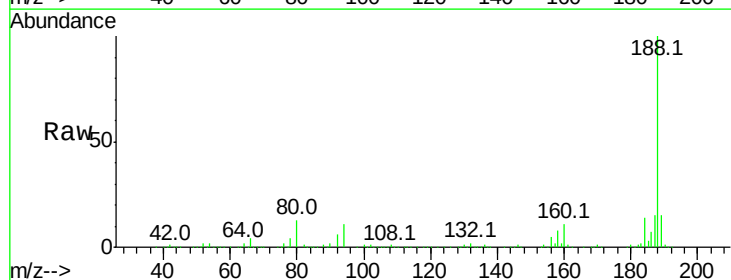
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

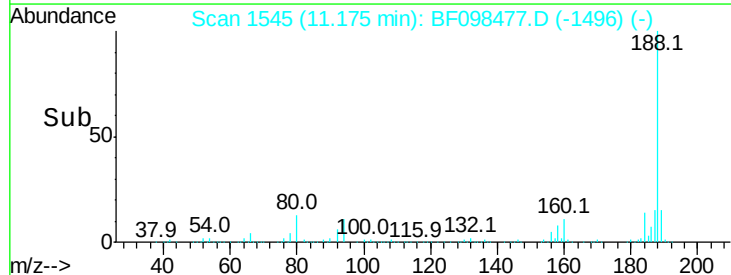
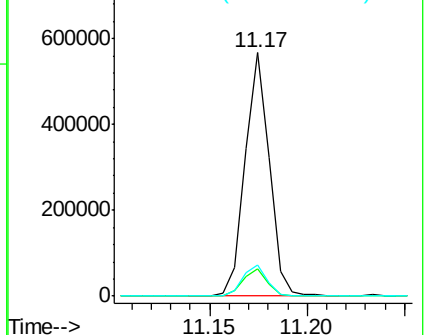
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	12.7	10.2	15.2

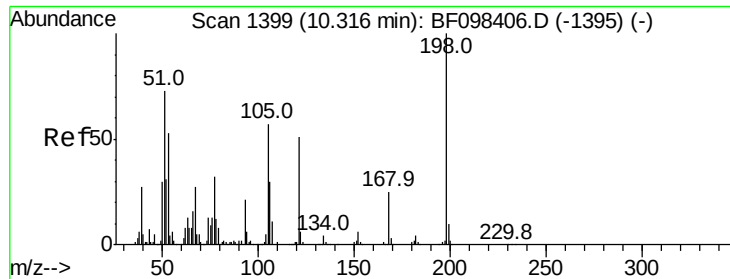


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

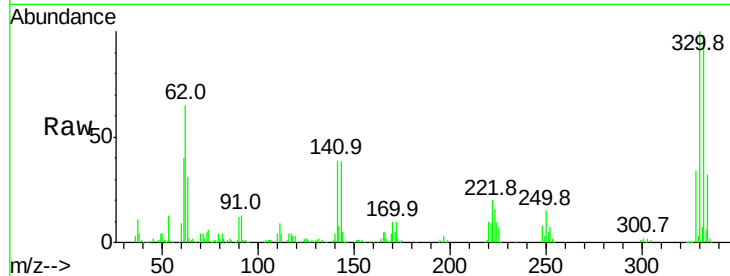




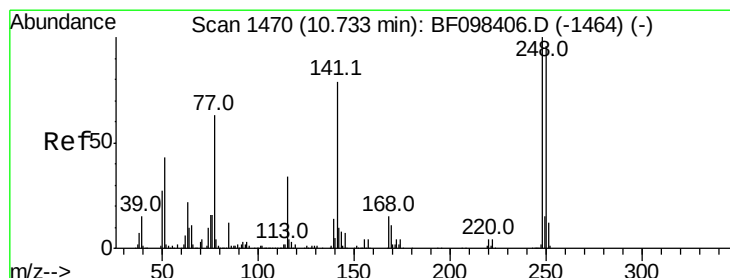
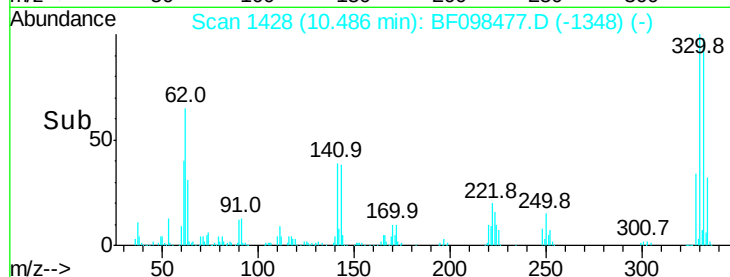
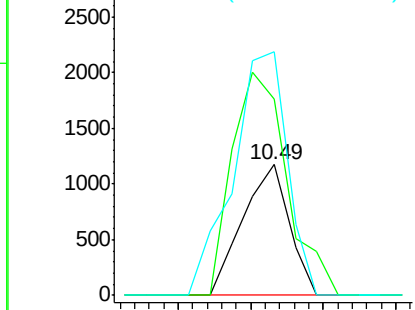
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.275 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.17 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion:198 Resp: 1042
 Ion Ratio Lower Upper
 198 100
 51 150.2 53.2 93.2#
 105 186.3 45.8 85.8#

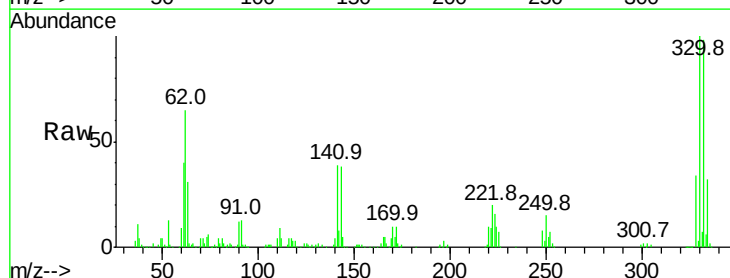


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

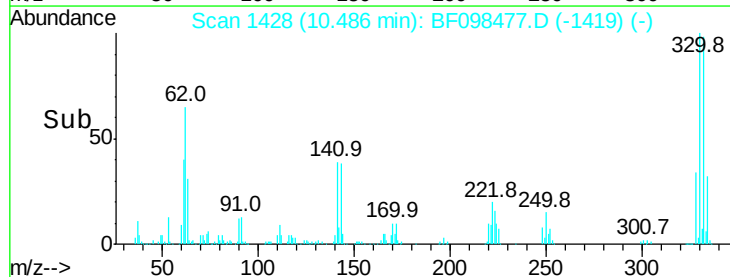
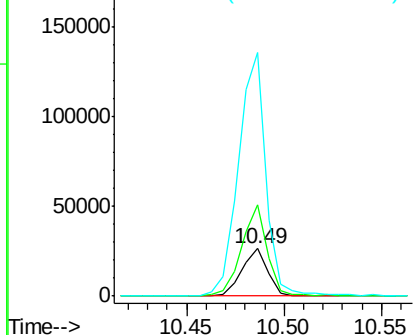


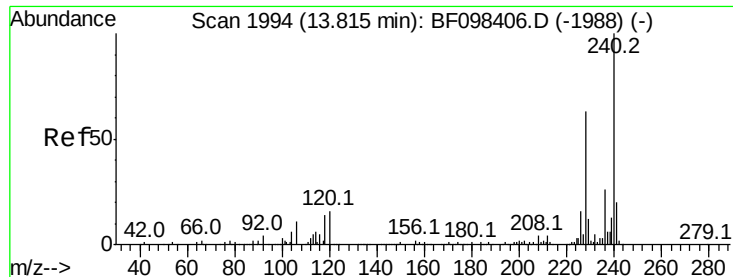
#66
 4-Bromophenyl-phenylether
 Concen: 5.239 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.25 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Tgt Ion:248 Resp: 24400
 Ion Ratio Lower Upper
 248 100
 250 192.5 76.8 115.2#
 141 512.9 68.6 103.0#



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

Instrument :

BNA_F

ClientSampleId :

OILY-DRUM-COMP

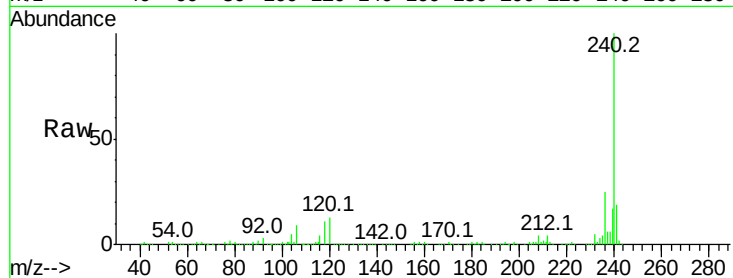
Tot Ion:240 Resp: 383368

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

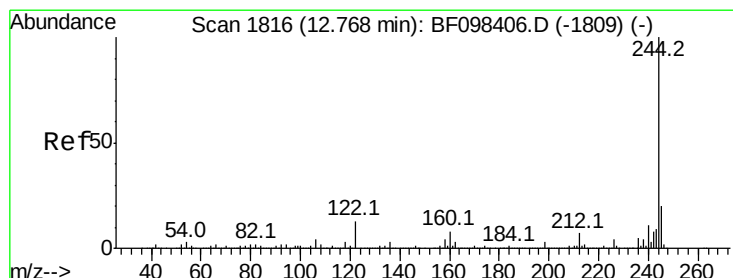
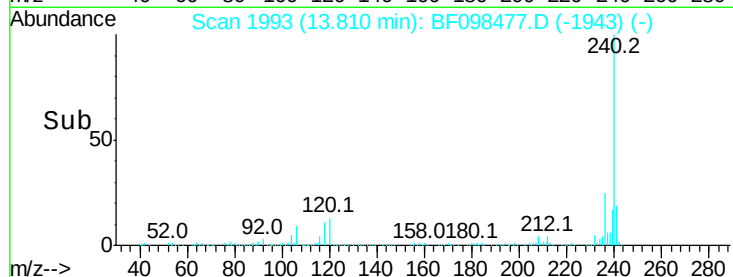
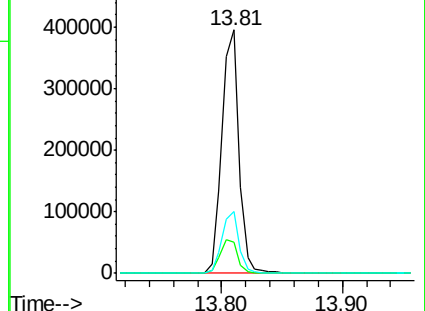
236 25.2 20.5 30.7



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



#78

Terphenyl-d14

Concen: 80.005 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF098477.D

Acq: 13 Sep 2017 4:12

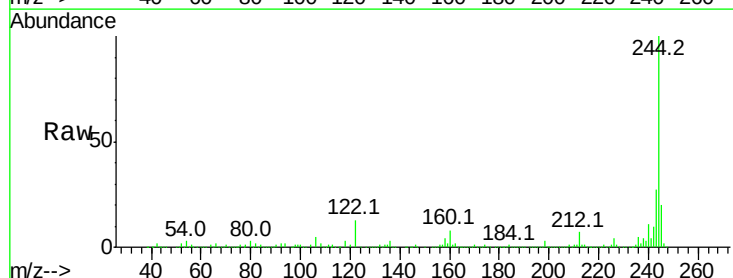
Tgt Ion:244 Resp: 1420974

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

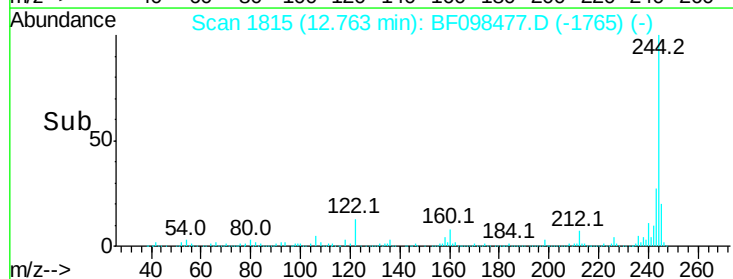
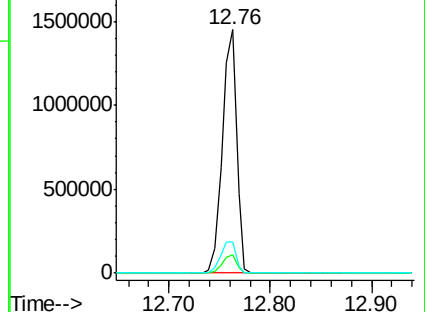
122 12.9 10.3 15.5

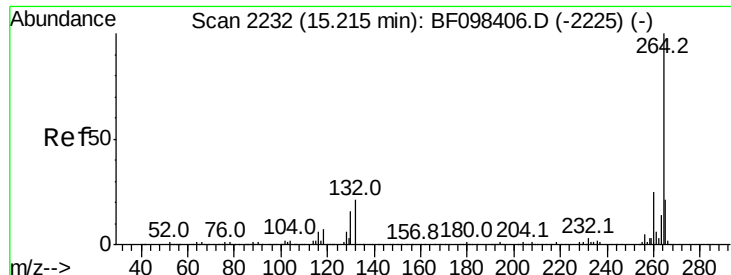


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

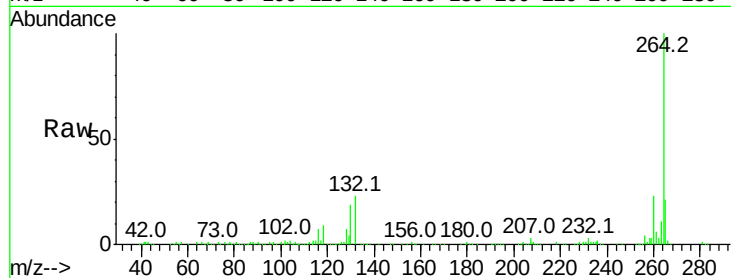




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098477.D
 Acq: 13 Sep 2017 4:12

Instrument :
 BNA_F
 ClientSampleId :
 OILY-DRUM-COMP

Tot Ion: 264 Resp: 286373
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.3 17.2 25.8



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

