

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109454.D
 Acq On : 29 Sep 2018 2:54
 Operator : JU/SJ
 Sample : J5131-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-FOUNDATION

Quant Time: Oct 01 03:08:38 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	6.71	152	112313	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	433648	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	203790	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	364229	20.00	ng	0.00
75) Chrysene-d12	13.84	240	210194	20.00	ng	0.00
86) Perylene-d12	15.25	264	219481	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	520089	76.27	ng	0.01
7) Phenol-d6	6.35	99	720290	82.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	447352	60.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	240620	119.77	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	937388	69.37	ng	0.00
78) Terphenyl-d14	12.80	244	906272	105.81	ng	0.00

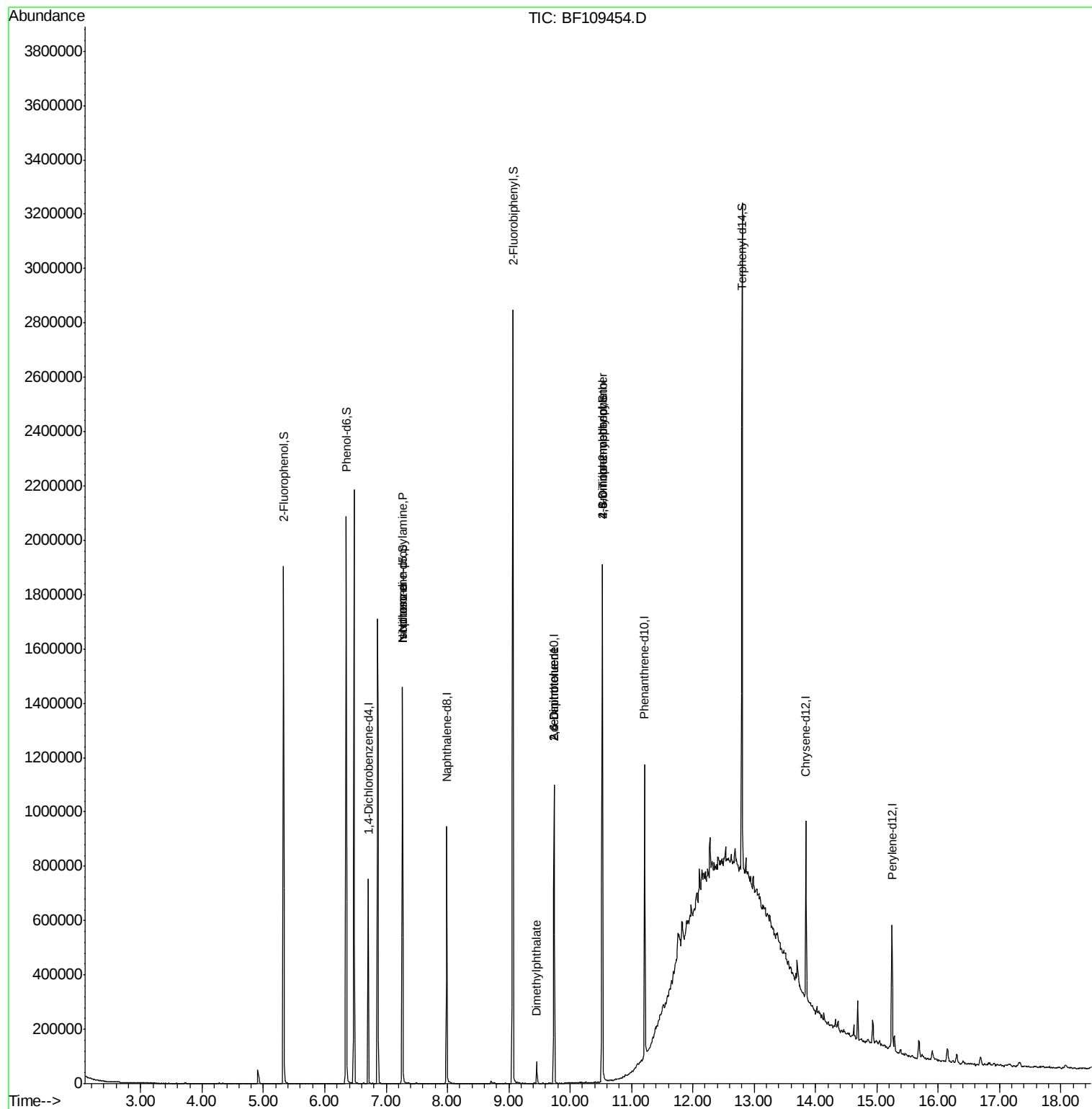
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	59993	10.522	ng	# 78
25) Isophorone	7.27	82	428546	32.396	ng	# 64
49) Dimethylphthalate	9.46	163	32882	2.218	ng	# 98
50) 2,6-Dinitrotoluene	9.74	165	25466	8.675	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	25466	6.856	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.53	198	411	6.763	ng	# 1
66) 4-Bromophenyl-phenylether	10.53	248	14697	3.634	ng	# 1

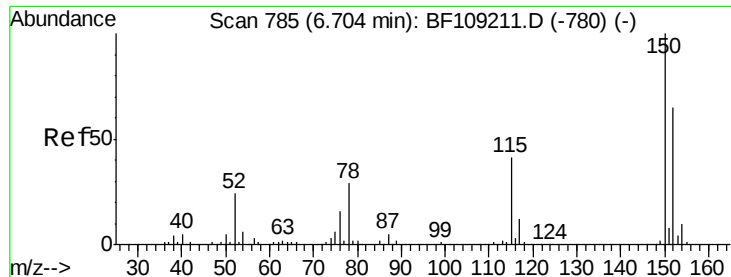
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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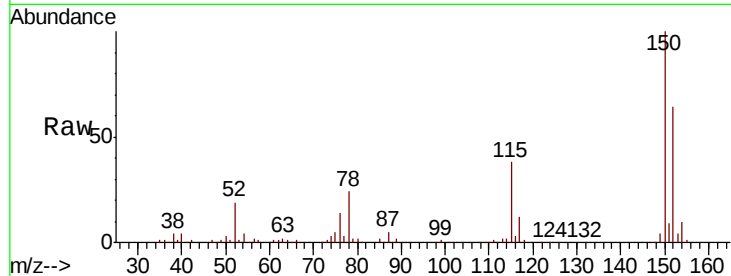


#1

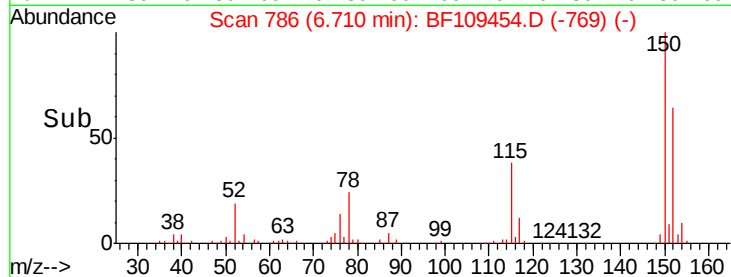
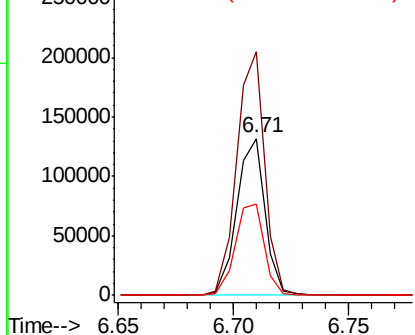
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109454.D
Acq: 29 Sep 2018 2:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-FOUNDATION

Tgt Ion:152 Resp: 112313
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.5 50.1 75.1



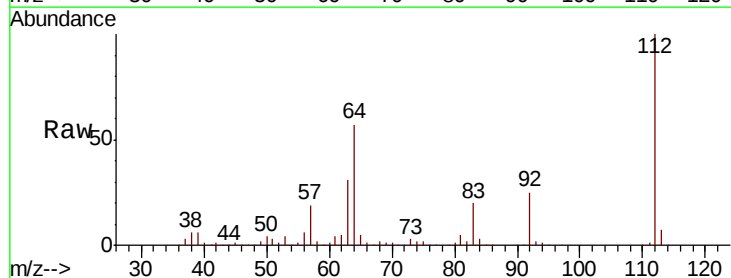
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



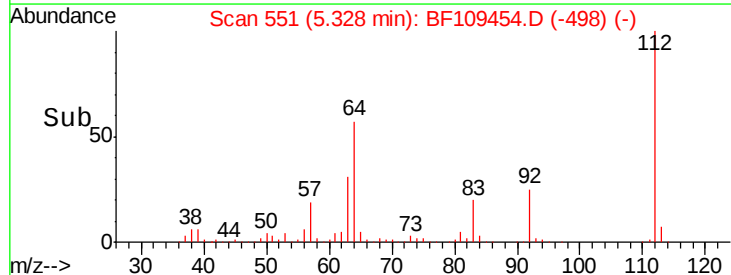
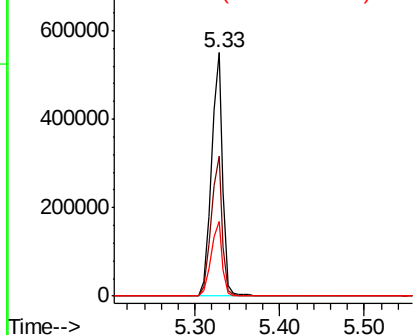
#5

2-Fluorophenol
Concen: 76.271 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109454.D
Acq: 29 Sep 2018 2:54

Tgt Ion:112 Resp: 520089
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.9 23.7 35.5



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





#7

Phenol-d6

Concen: 82.781 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-FOUNDATION

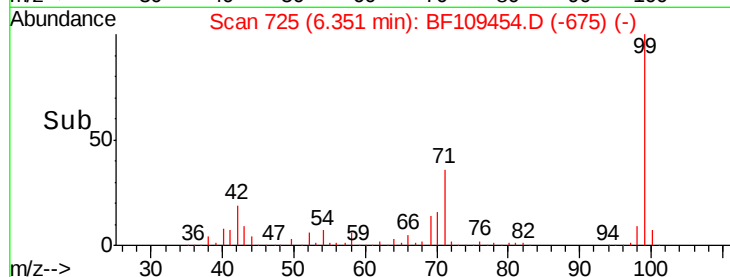
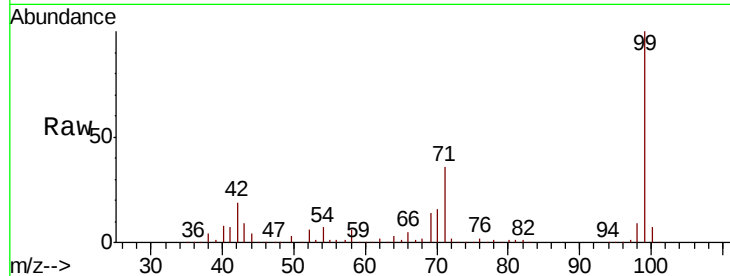
Tgt Ion: 99 Resp: 720290

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

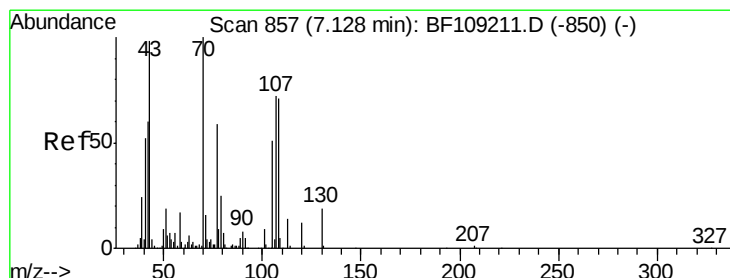
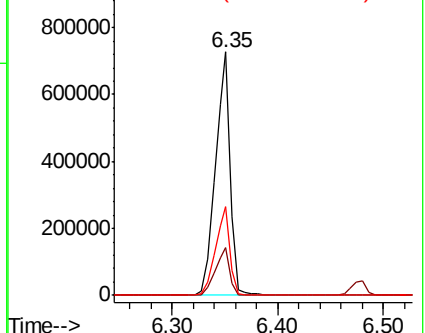
71 36.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.522 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

Tgt Ion: 70 Resp: 59993

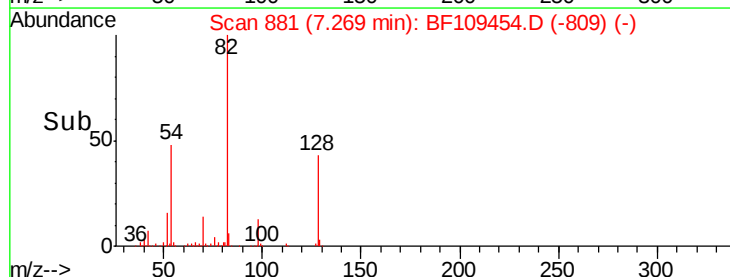
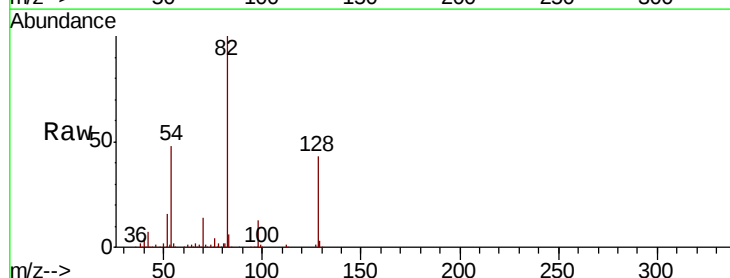
Ion Ratio Lower Upper

70 100

42 48.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

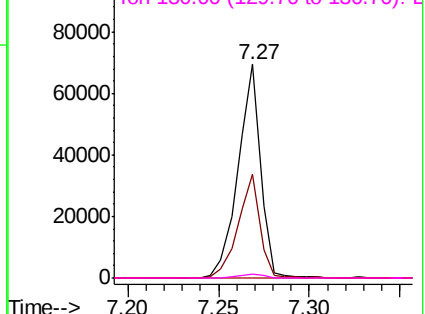


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-FOUNDATION

Tgt Ion: 136 Resp: 433648

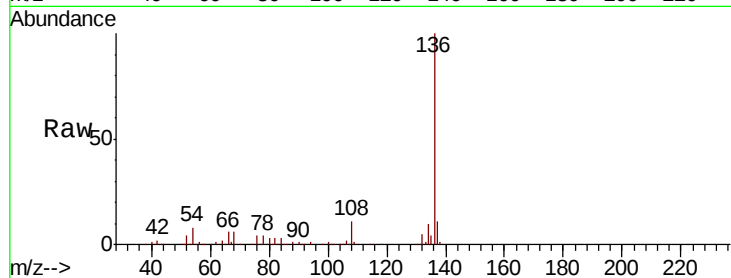
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.6 6.6 9.8

68 5.6 5.0 7.4

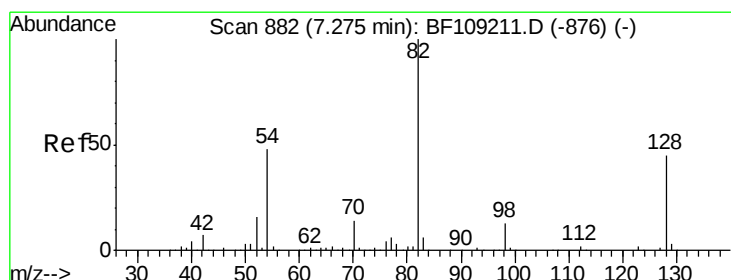
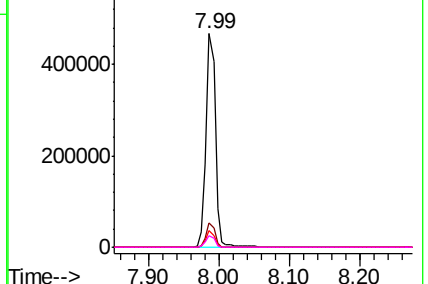
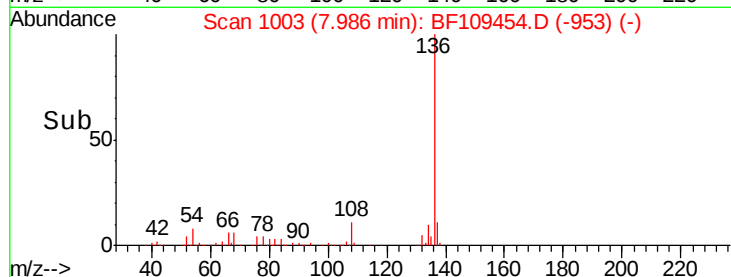


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 60.897 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

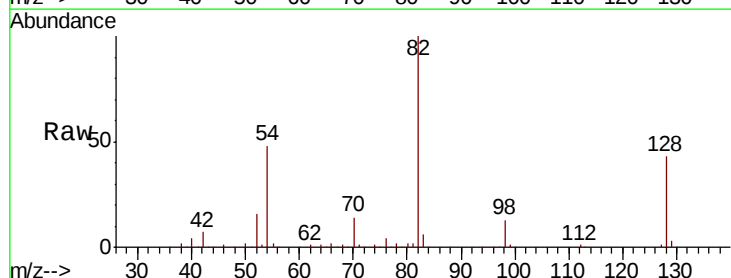
Tgt Ion: 82 Resp: 447352

Ion Ratio Lower Upper

82 100

128 43.5 36.1 54.1

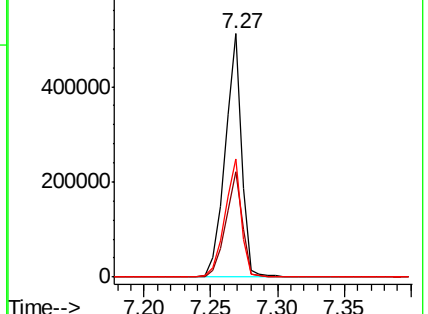
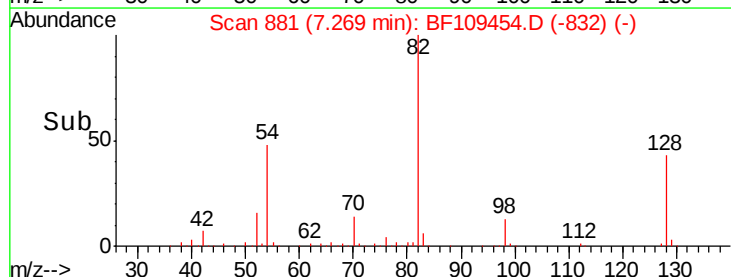
54 48.5 41.4 62.2

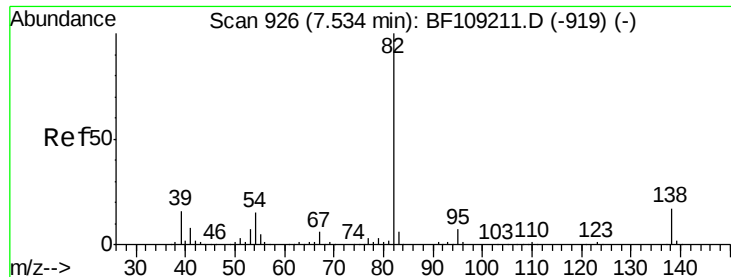


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 32.396 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

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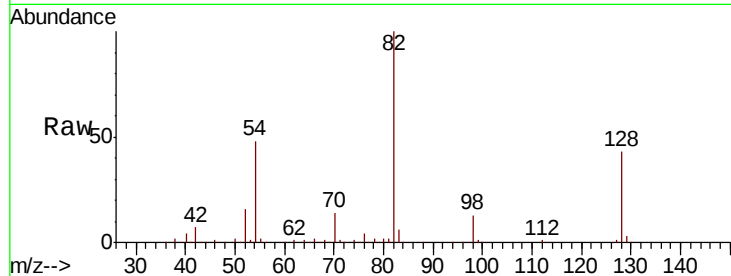
Tgt Ion: 82 Resp: 428546

Ion Ratio Lower Upper

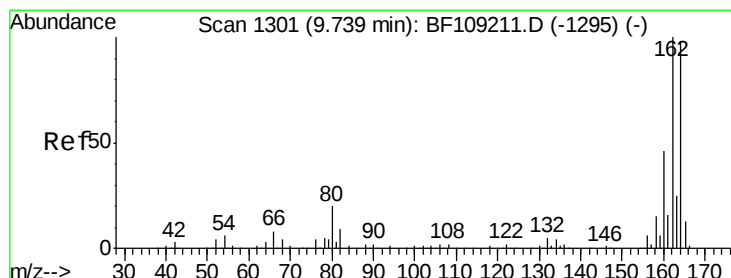
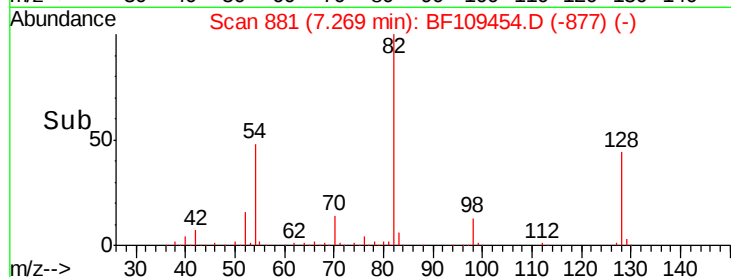
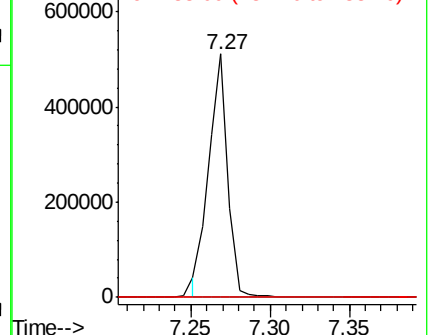
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

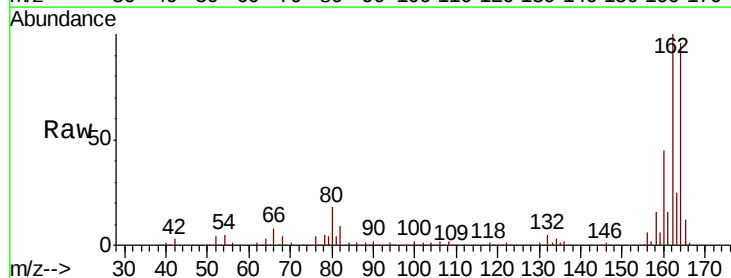
Tgt Ion: 164 Resp: 203790

Ion Ratio Lower Upper

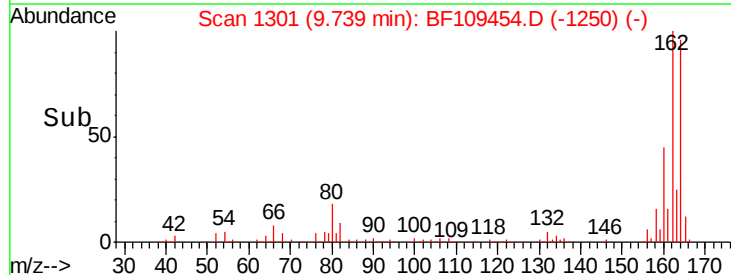
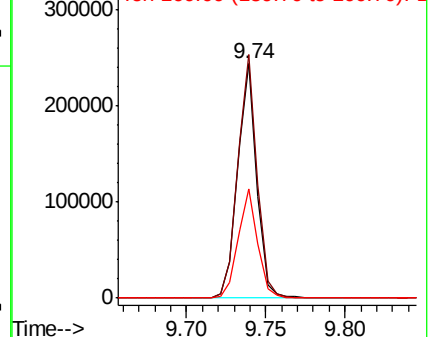
164 100

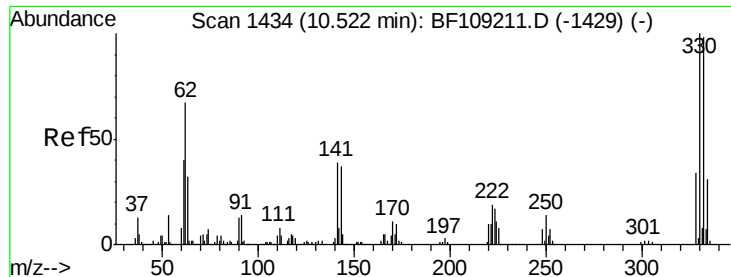
162 103.8 86.1 129.1

160 46.7 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

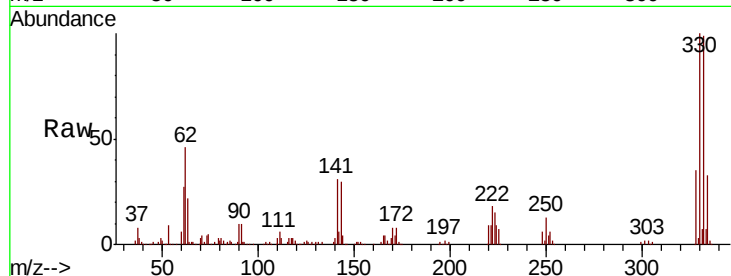




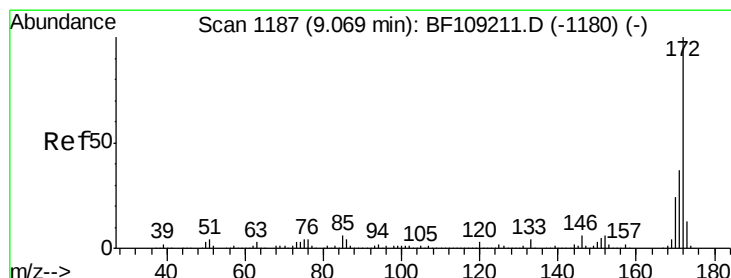
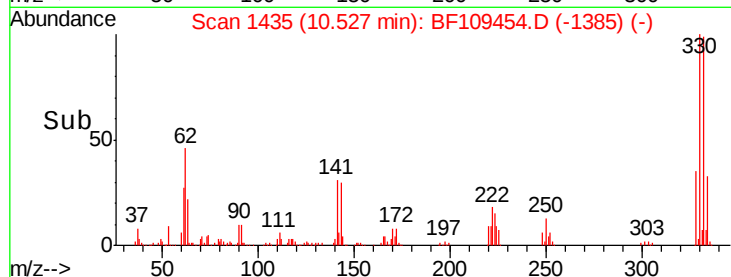
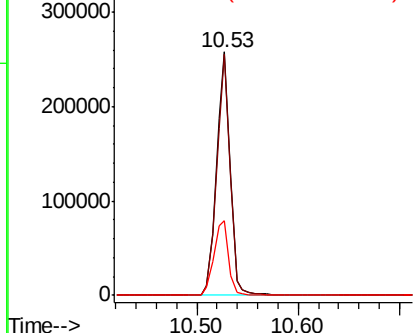
#41
 2,4,6-Tribromophenol
 Concen: 119.774 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	33.1	29.9	44.9

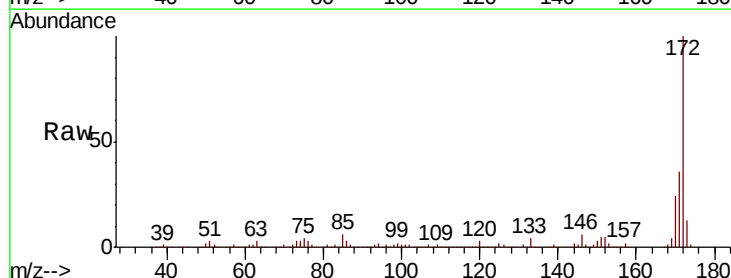


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

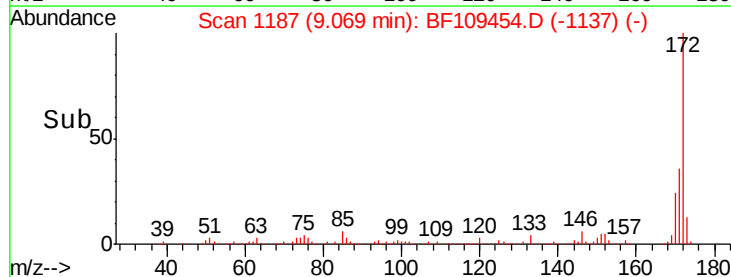
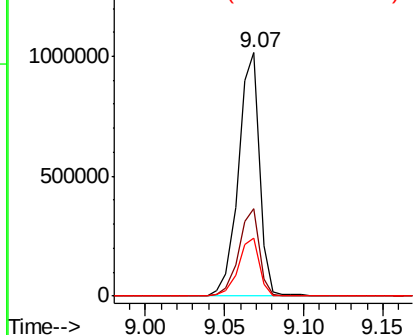


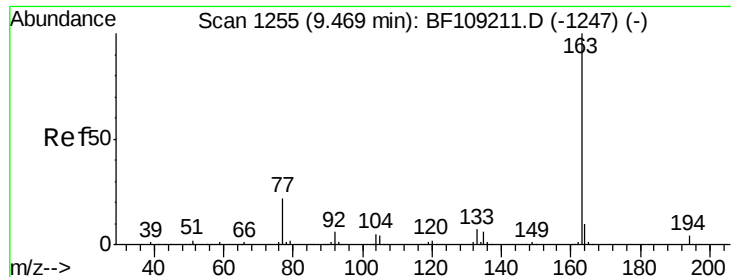
#44
 2-Fluorobiphenyl
 Concen: 69.373 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4



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

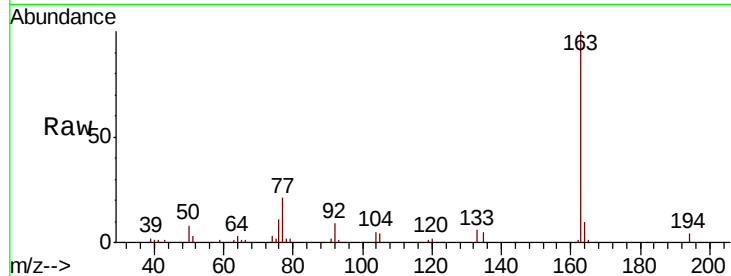




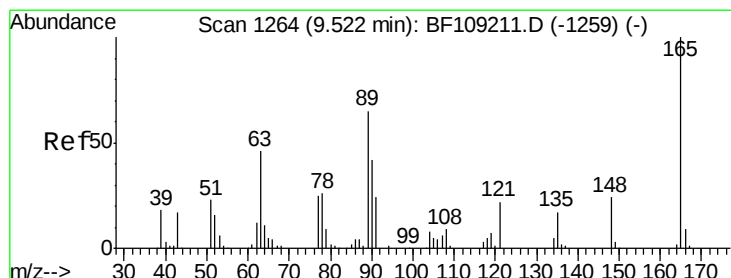
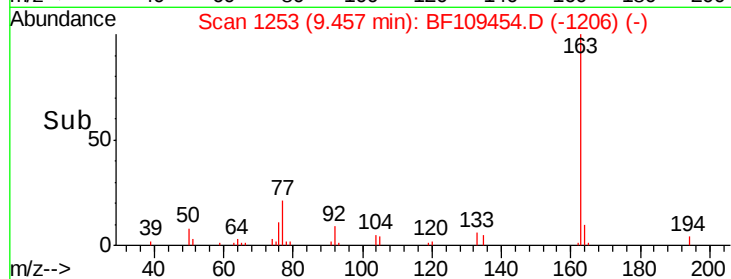
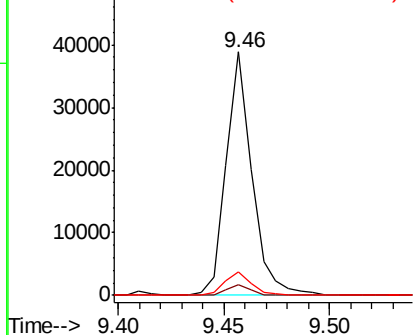
#49
 Dimethylphthalate
 Concen: 2.218 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Instrument :
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Tgt Ion:163 Resp: 32882
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 9.7 8.2 12.2

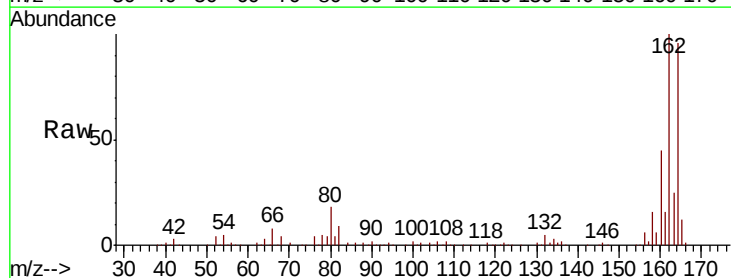


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

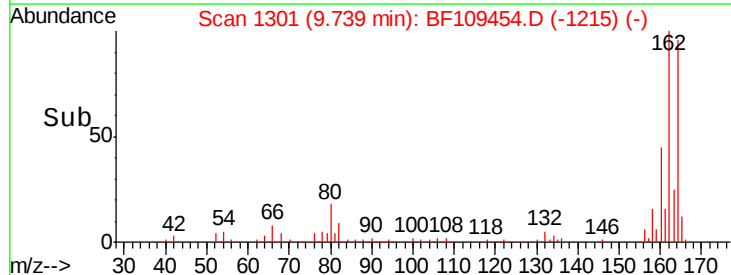
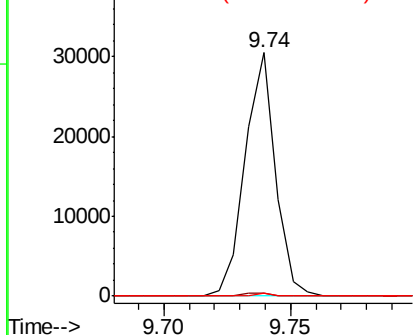


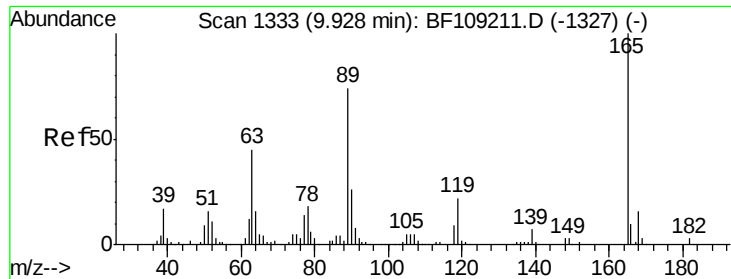
#50
 2,6-Dinitrotoluene
 Concen: 8.675 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Tgt Ion:165 Resp: 25466
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.4 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

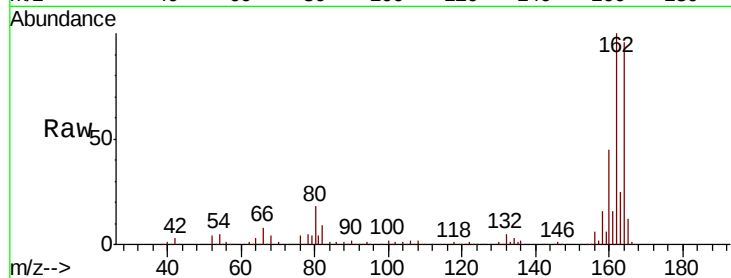




#56
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109454.D
Acq: 29 Sep 2018 2:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-FOUNDATION

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



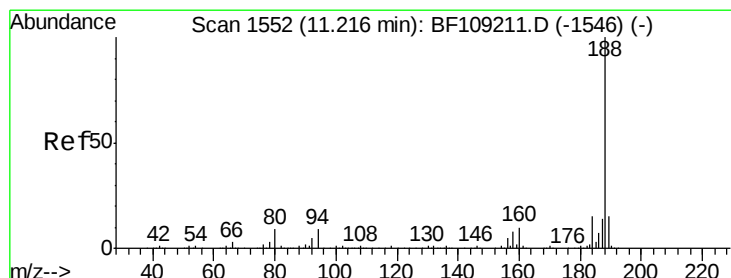
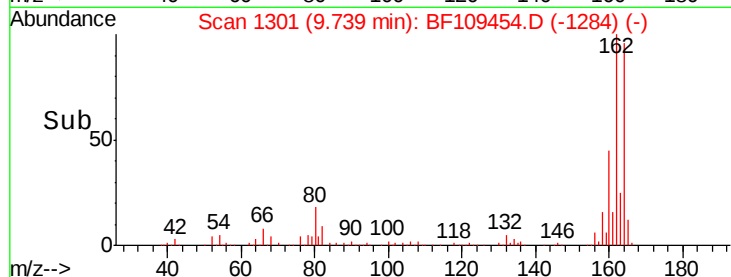
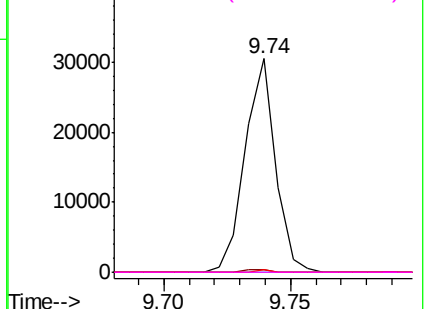
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

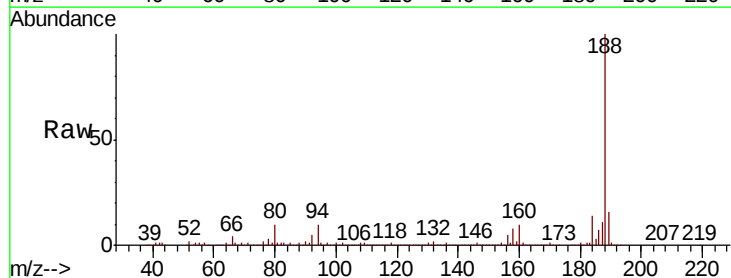
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF109454.D
Acq: 29 Sep 2018 2:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.2	9.2	13.8

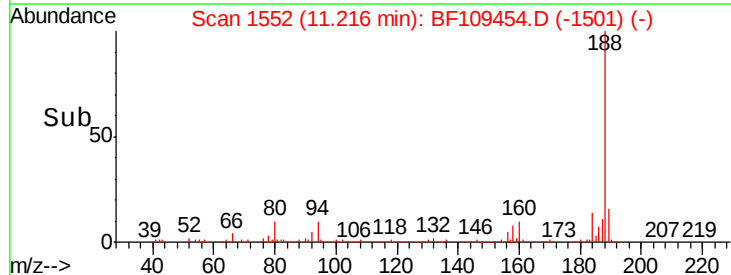
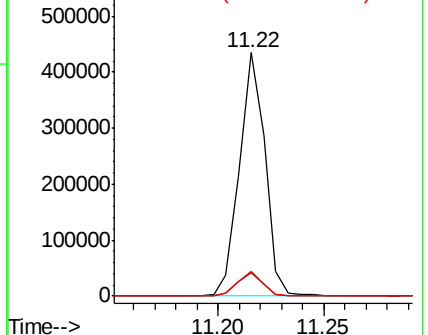


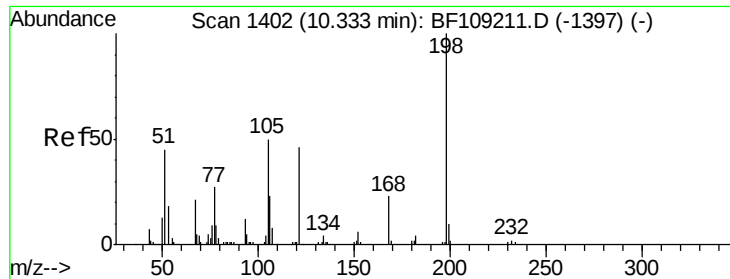
Abundance

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

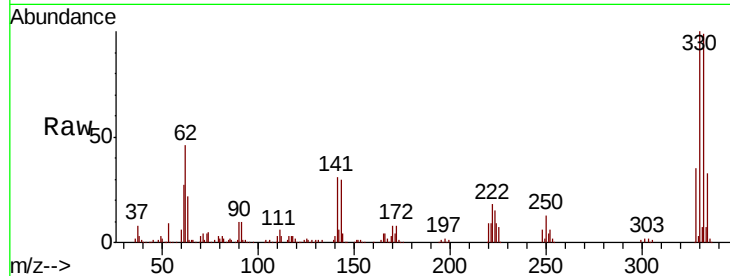




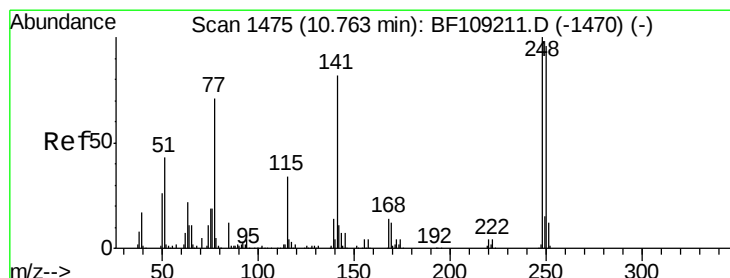
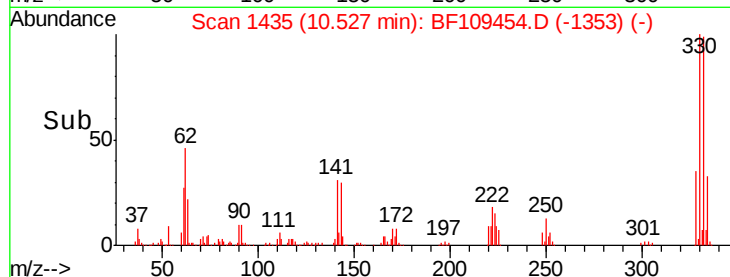
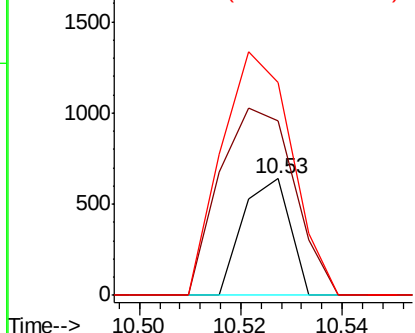
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.763 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.18 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-FOUNDATION

Tgt Ion:198 Resp: 411
 Ion Ratio Lower Upper
 198 100
 51 150.3 37.7 77.7#
 105 182.8 36.3 76.3#

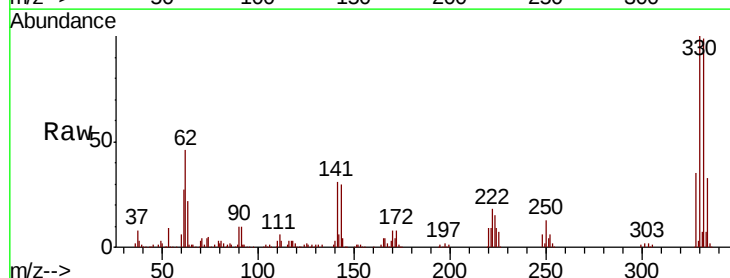


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

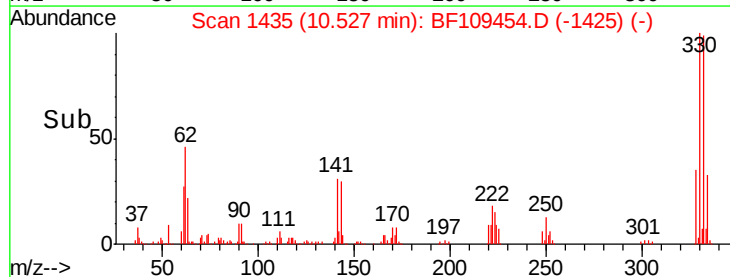
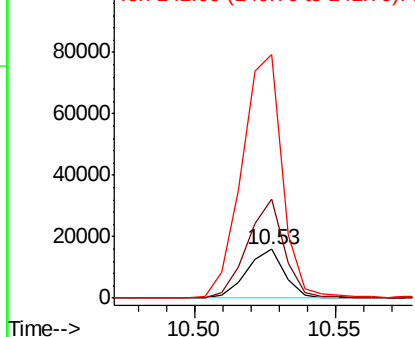


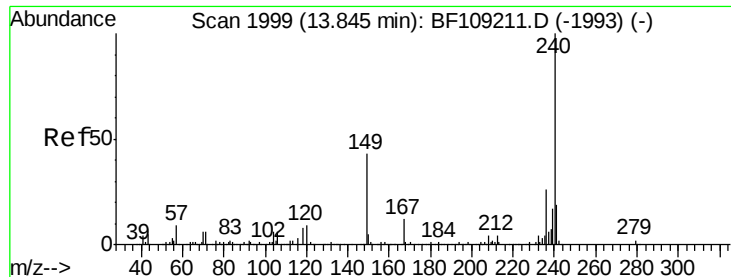
#66
 4-Bromophenyl-phenylether
 Concen: 3.634 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF109454.D
 Acq: 29 Sep 2018 2:54

Tgt Ion:248 Resp: 14697
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.9 115.3#
 141 502.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-FOUNDATION

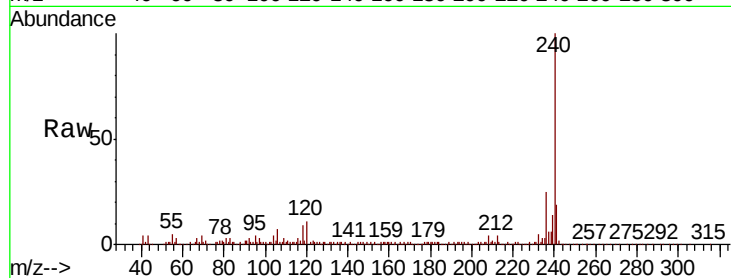
Tgt Ion:240 Resp: 210194

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

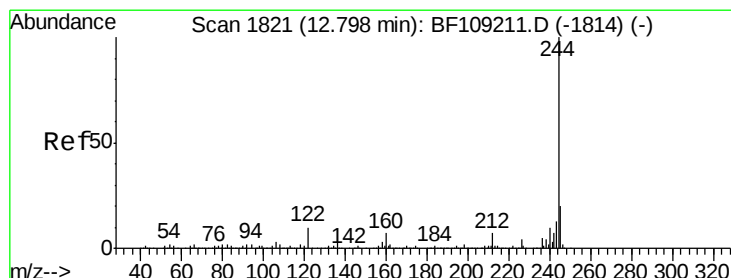
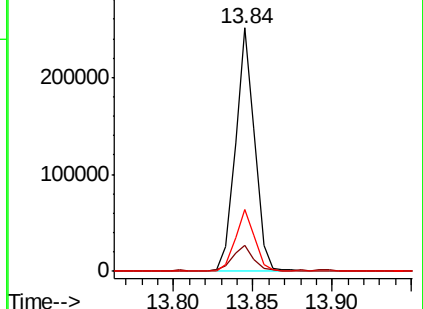
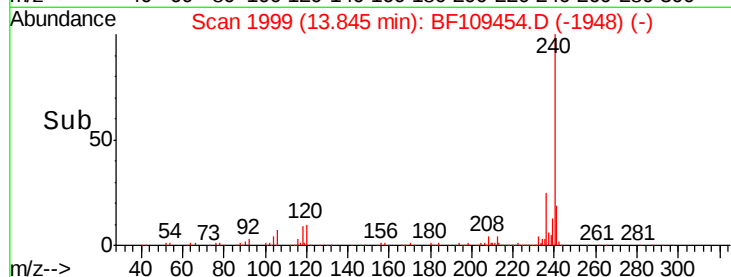
236 25.3 20.7 31.1



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



#78

Terphenyl-d14

Concen: 105.814 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BF109454.D

Acq: 29 Sep 2018 2:54

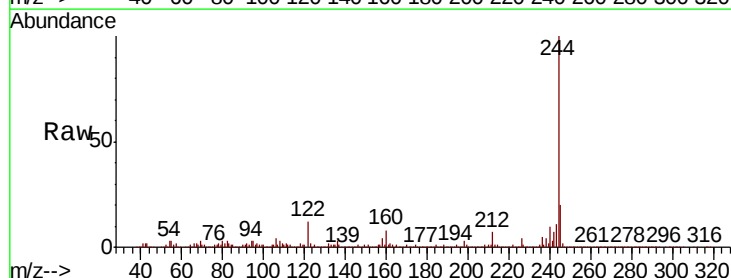
Tgt Ion:244 Resp: 906272

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

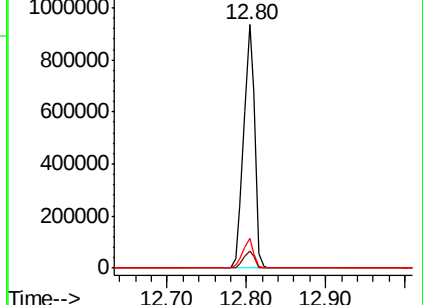
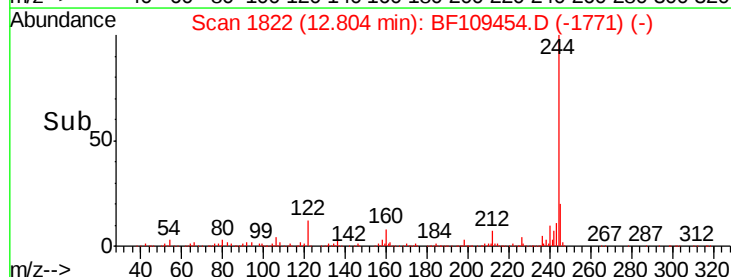
122 12.2 11.0 16.4

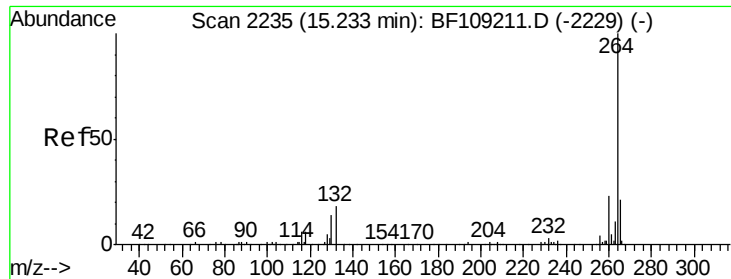


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109454.D
Acq: 29 Sep 2018 2:54

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-FOUNDATION

Tgt Ion: 264 Resp: 219481
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.9 17.5 26.3

