

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
 Data File : BF082547.D
 Acq On : 27 Oct 2015 13:00
 Operator : UM/IZ
 Sample : G4117-19
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Quant Time: Oct 27 15:17:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

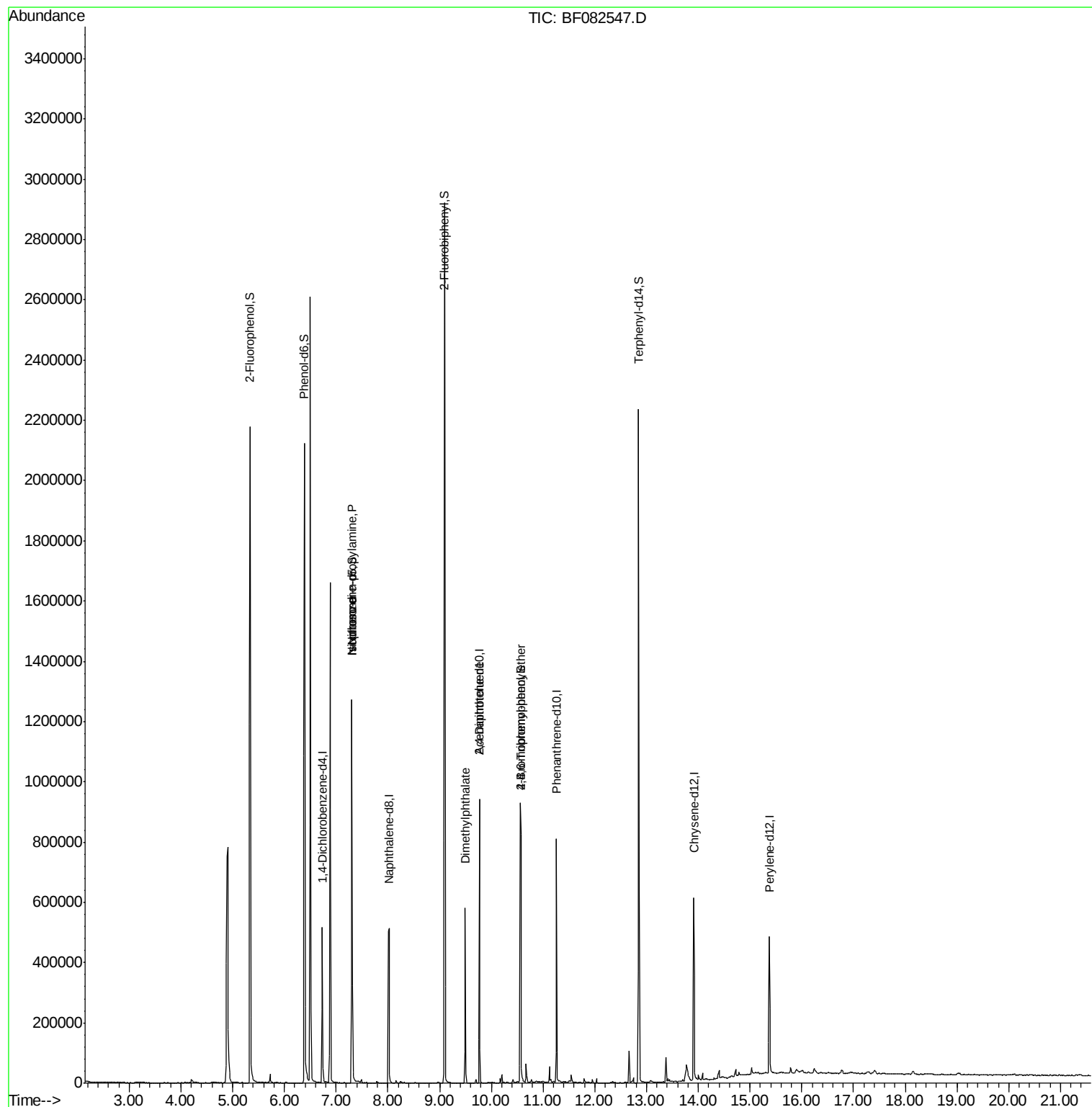
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	101368	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	383216	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	184286	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	300970	20.00	ng	0.00
75) Chrysene-d12	13.91	240	273929	20.00	ng	0.00
86) Perylene-d12	15.37	264	202813	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	734299	143.00	ng	0.02
7) Phenol-d6	6.39	99	890409	133.05	ng	0.01
23) Nitrobenzene-d5	7.30	82	487646	82.09	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	164692	119.34	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	964422	83.22	ng	0.00
78) Terphenyl-d14	12.85	244	767758	80.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	1173	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	65489	15.02	ng	# 77
25) Isophorone	7.30	82	400453	33.93	ng	# 64
49) Dimethylphthalate	9.50	163	240969	18.79	ng	99
56) 2,4-Dinitrotoluene	9.77	165	23304	6.83	ng	# 10
66) 4-Bromophenyl-phenylether	10.57	248	12056	4.27	ng	# 1

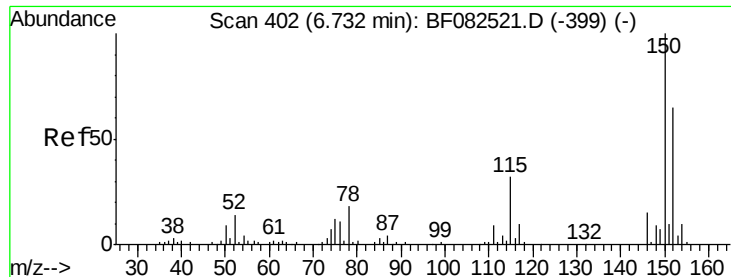
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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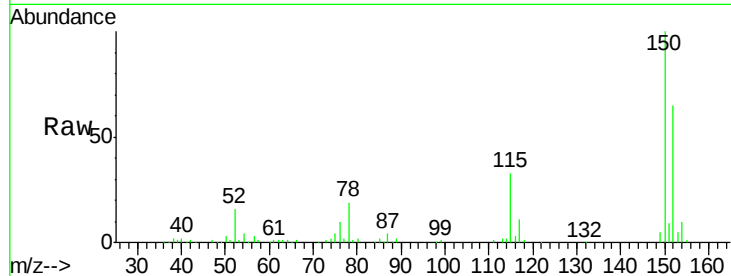


#1

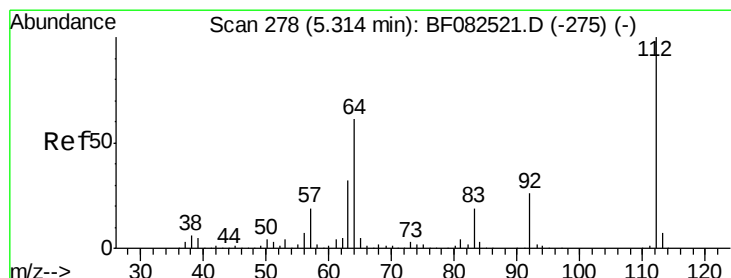
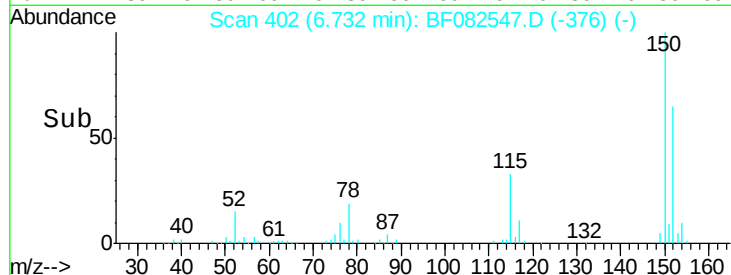
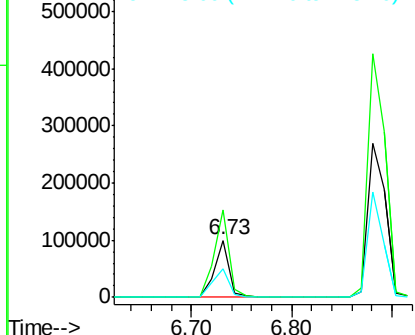
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tgt Ion:152 Resp: 101368
Ion Ratio Lower Upper
152 100
150 152.9 123.4 185.0
115 50.1 39.0 58.4



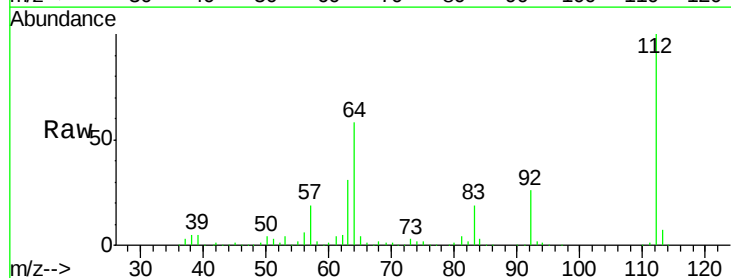
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



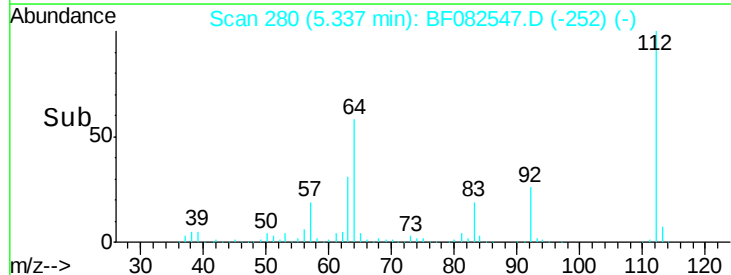
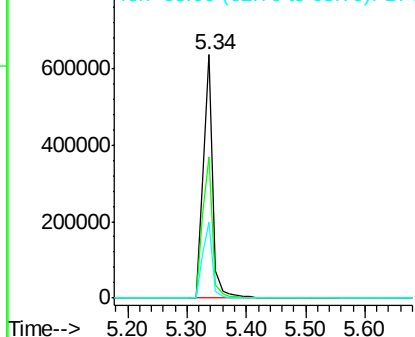
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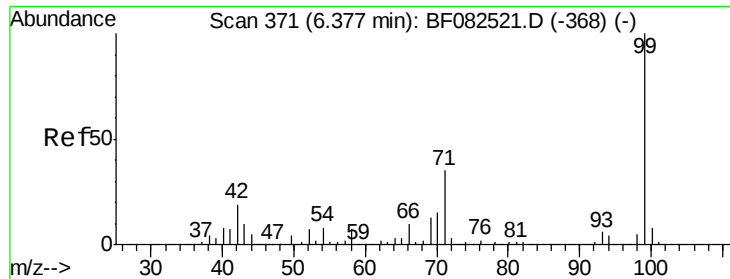
2-Fluorophenol
Concen: 143.00 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Tgt Ion:112 Resp: 734299
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 31.1 25.8 38.6



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: 133.05 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

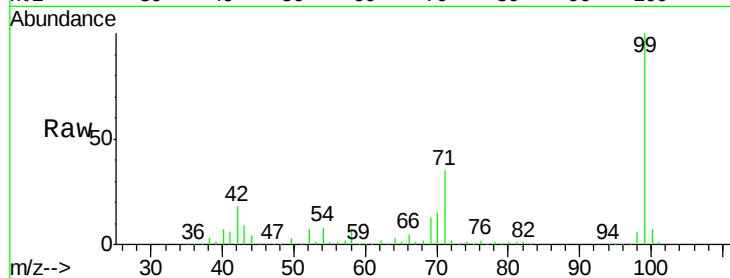
Tgt Ion: 99 Resp: 890409

Ion Ratio Lower Upper

99 100

42 18.1 15.1 22.7

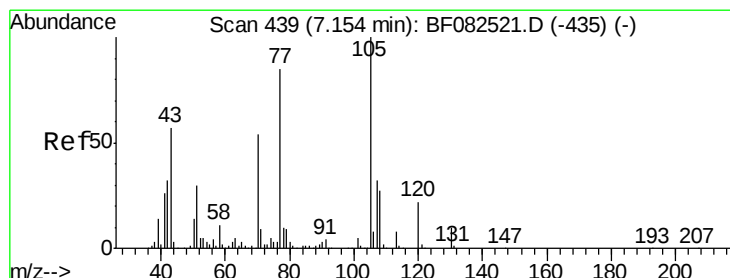
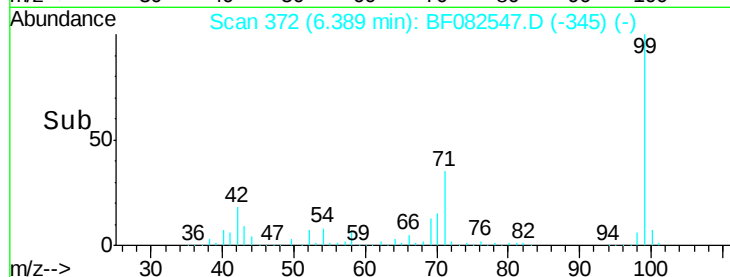
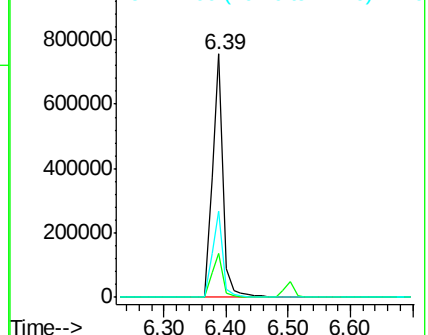
71 35.4 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.02 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

Tgt Ion: 70 Resp: 65489

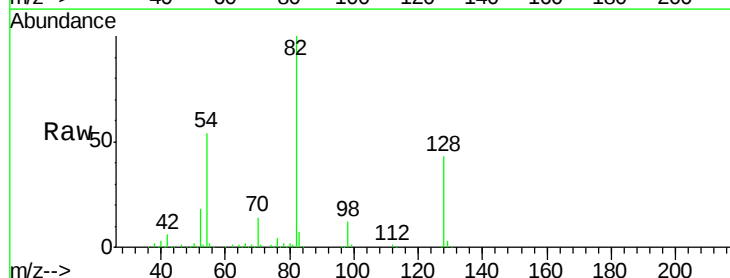
Ion Ratio Lower Upper

70 100

42 44.9 46.9 70.3#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

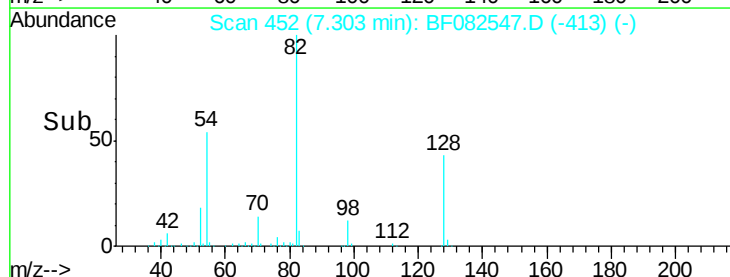
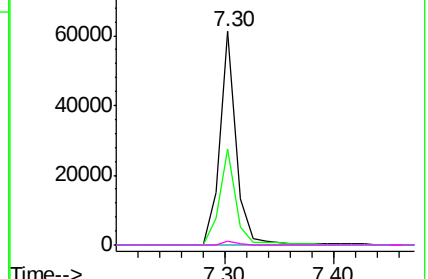


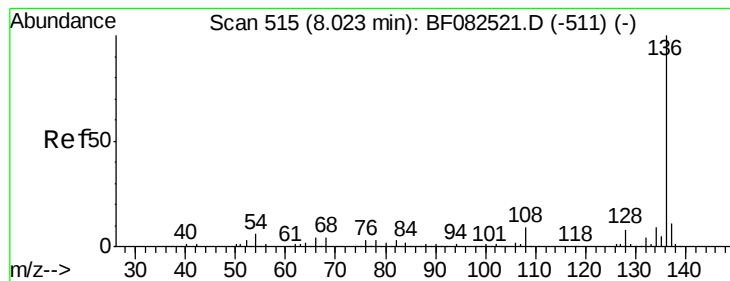
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

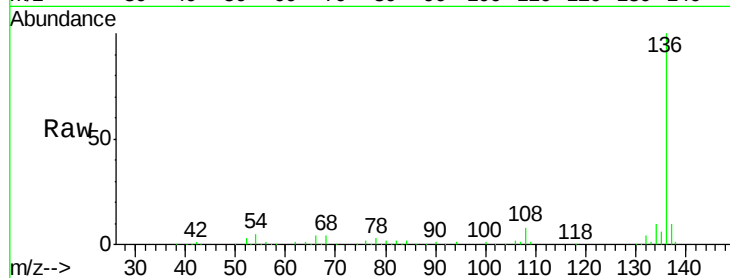




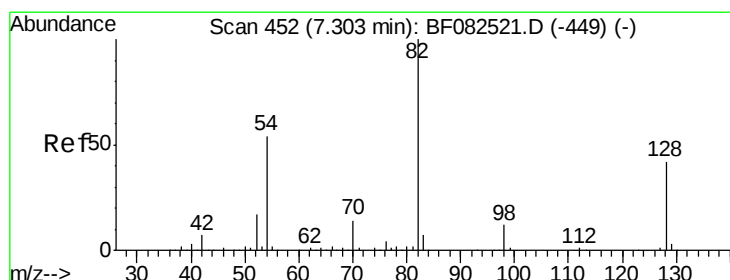
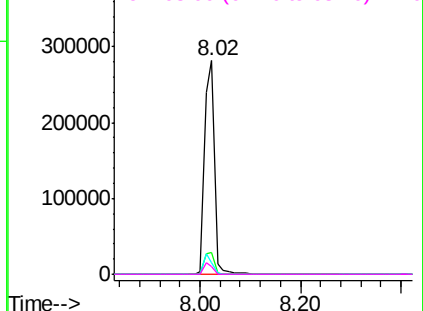
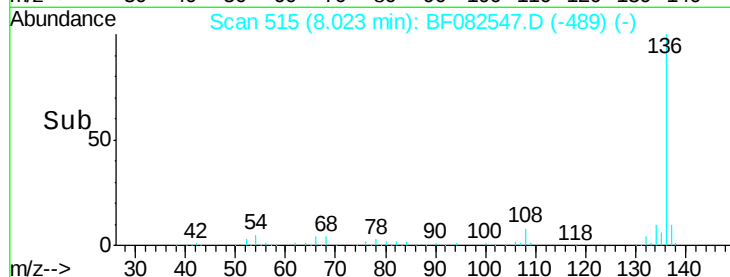
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tgt Ion:	136	Resp:	383216
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	5.5	4.6	7.0
68	3.6	3.2	4.8

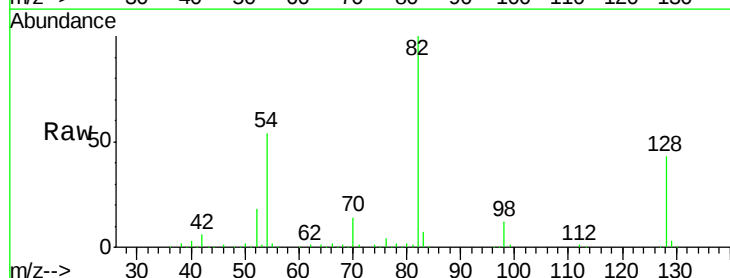


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

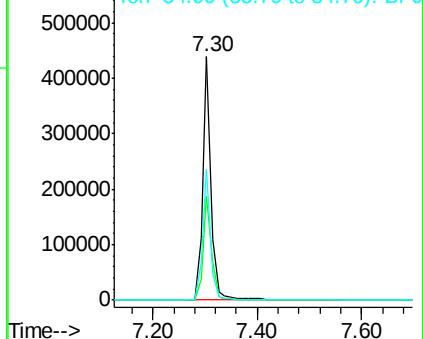
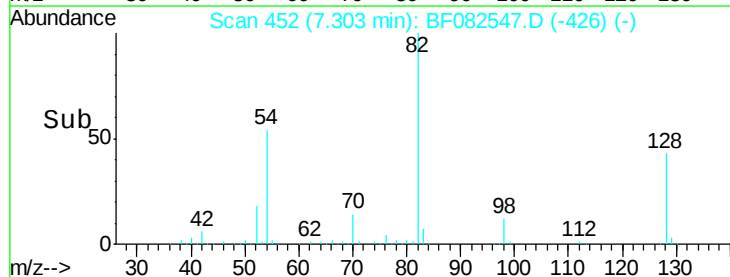


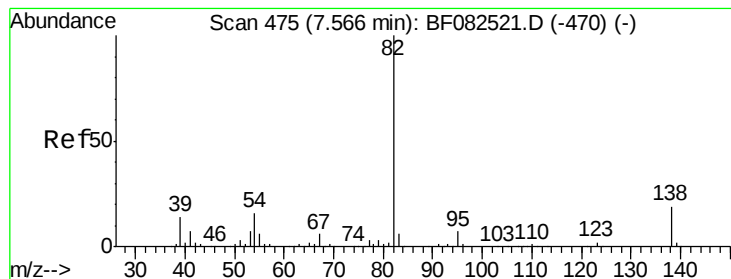
#23
Nitrobenzene-d5
Concen: 82.09 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Tgt Ion:	82	Resp:	487646
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	54.0	43.5	65.3



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: 33.93 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

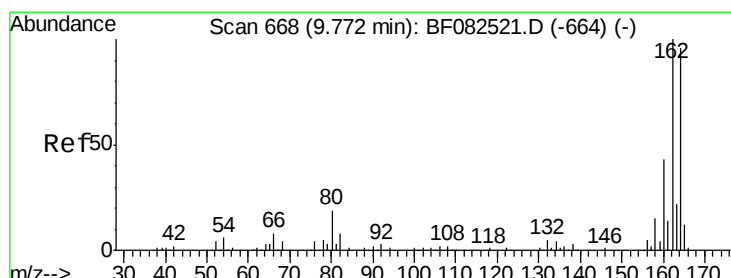
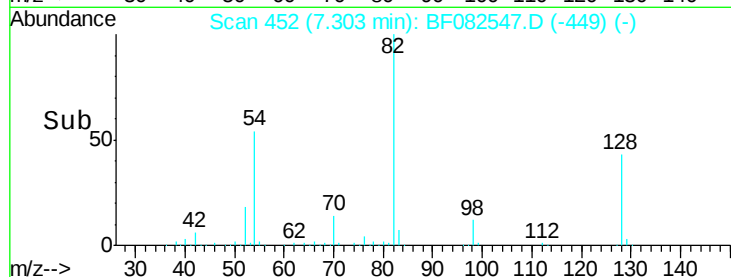
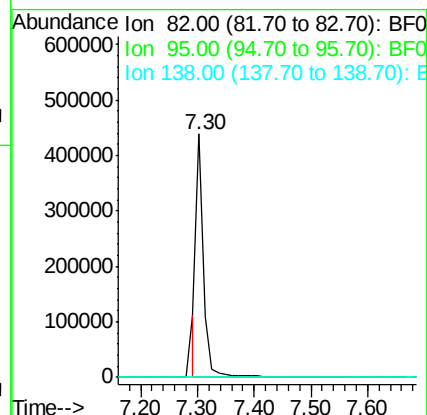
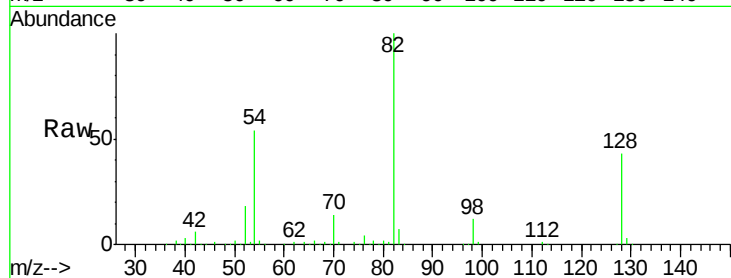
Tgt Ion: 82 Resp: 400453

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

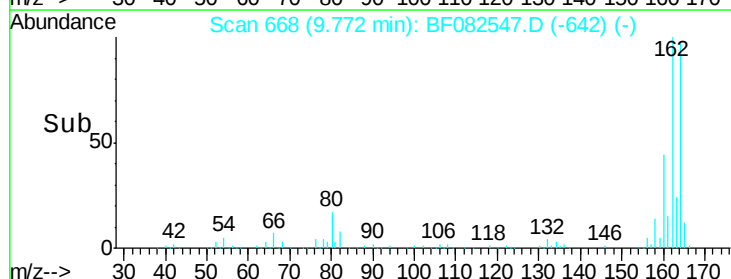
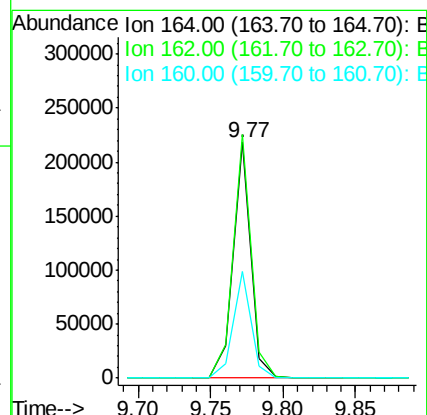
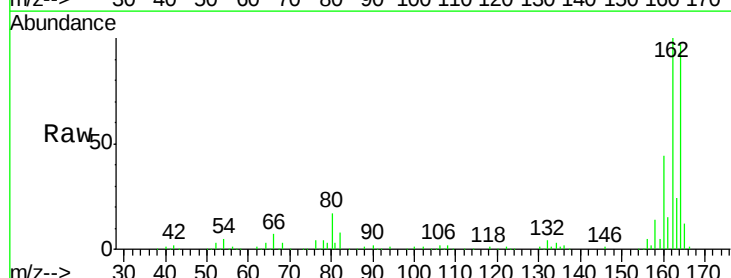
Tgt Ion: 164 Resp: 184286

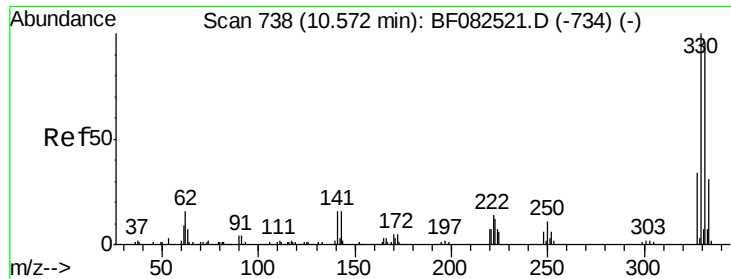
Ion Ratio Lower Upper

164 100

162 103.3 83.6 125.4

160 45.4 36.0 54.0

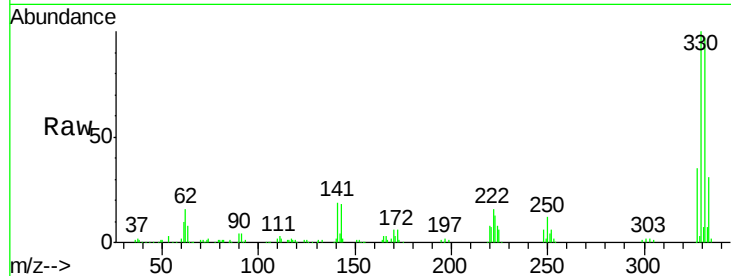




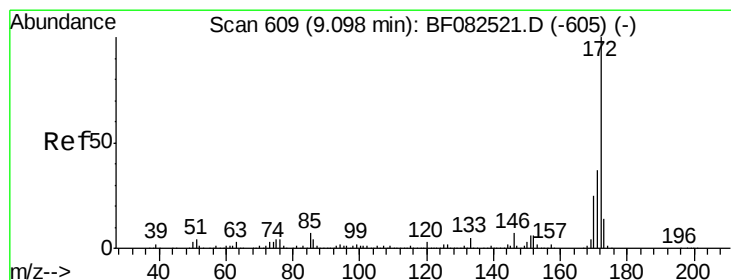
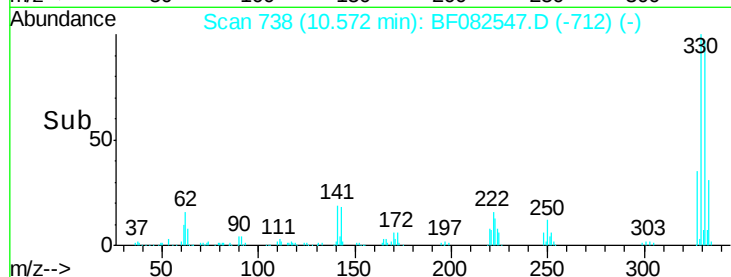
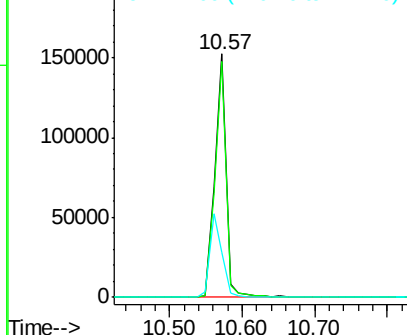
#41
 2,4,6-Tribromophenol
 Concen: 119.34 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082547.D
 Acq: 27 Oct 2015 13:00

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Tgt Ion:330 Resp: 164692
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.0
 141 37.0 32.5 48.7

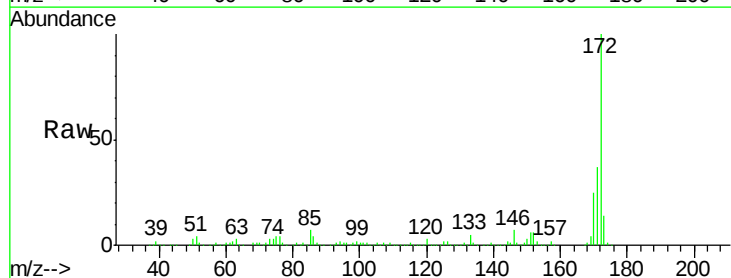


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

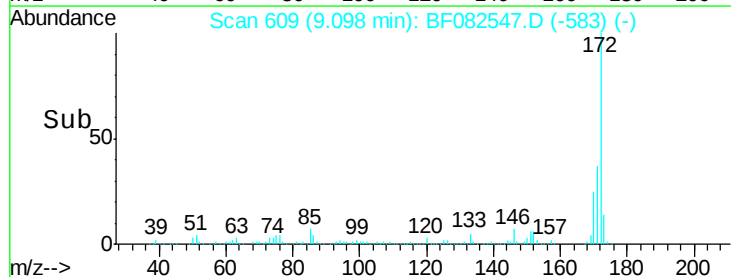
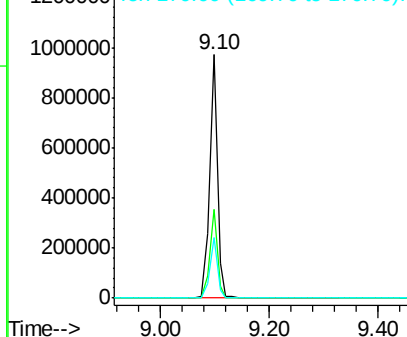


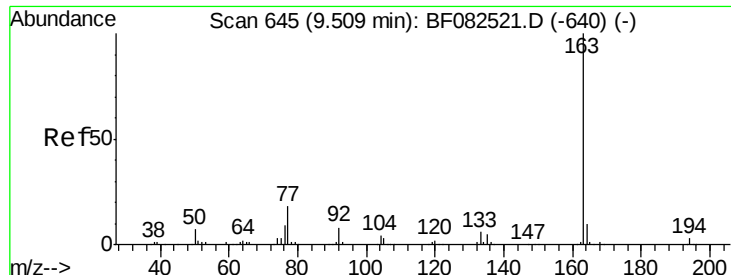
#44
 2-Fluorobiphenyl
 Concen: 83.22 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082547.D
 Acq: 27 Oct 2015 13:00

Tgt Ion:172 Resp: 964422
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.9 19.8 29.6



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

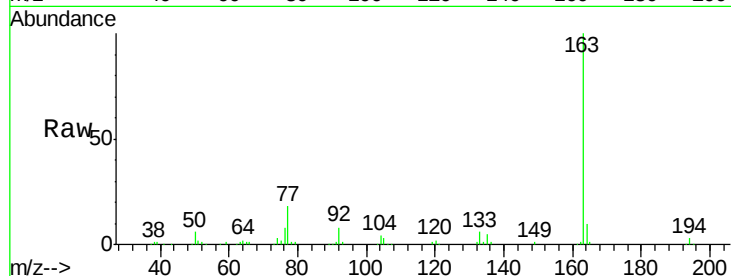




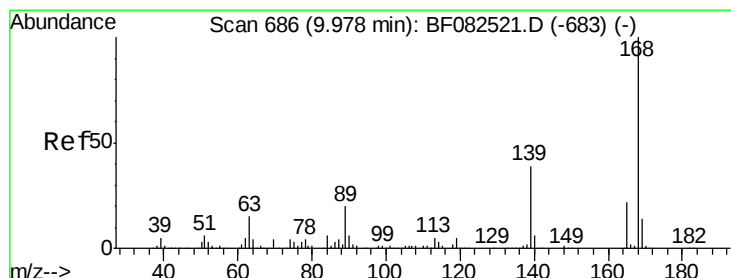
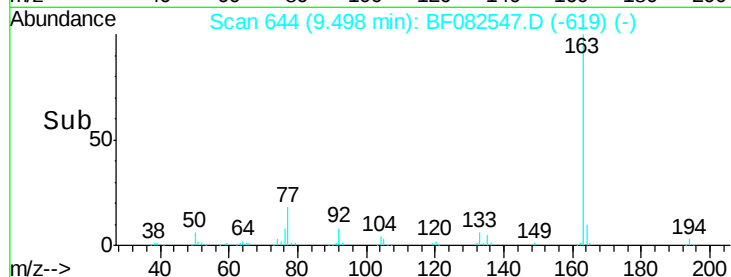
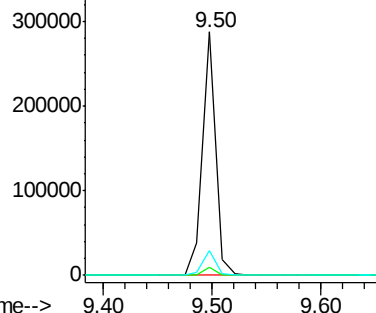
#49
Dimethylphthalate
Concen: 18.79 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tgt Ion:163 Resp: 240969
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.0 8.2 12.4

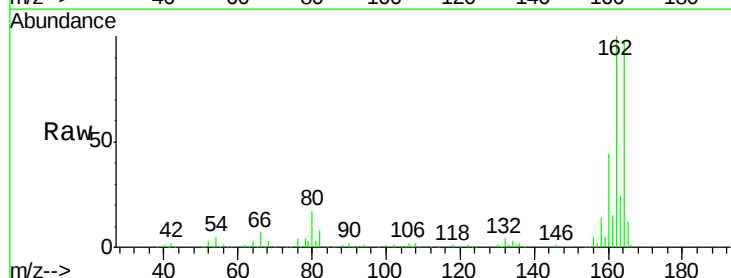


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

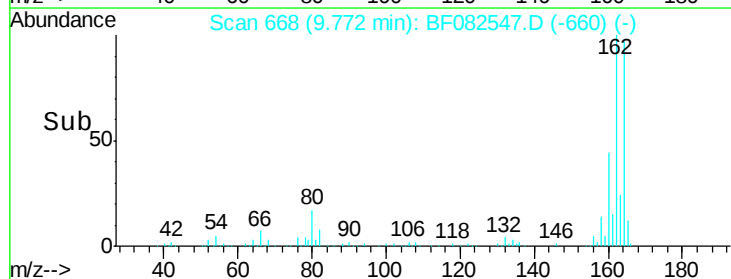
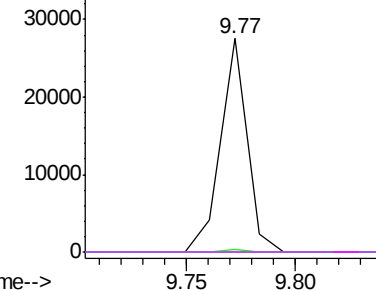


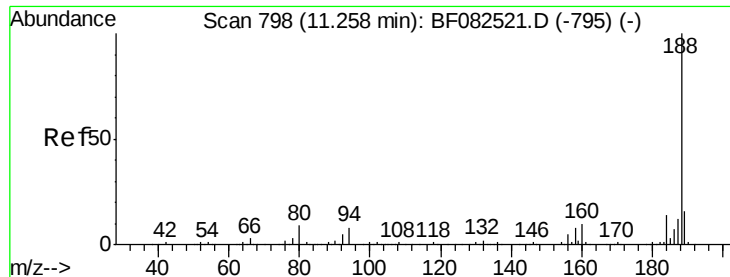
#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.21 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Tgt Ion:165 Resp: 23304
Ion Ratio Lower Upper
165 100
63 1.2 58.6 88.0#
89 0.0 72.3 108.5#
182 0.0 1.8 2.8#



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

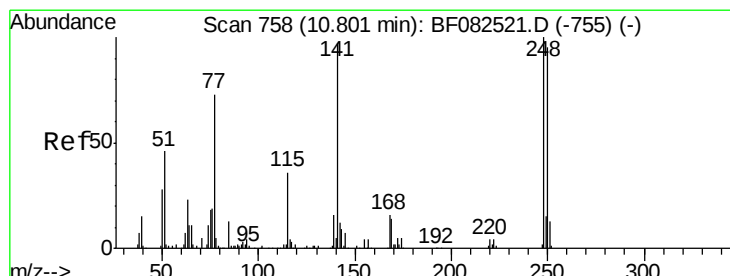
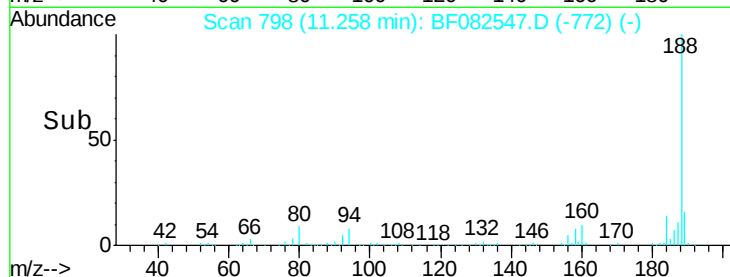
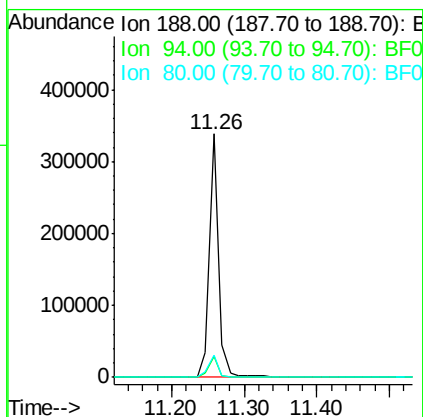
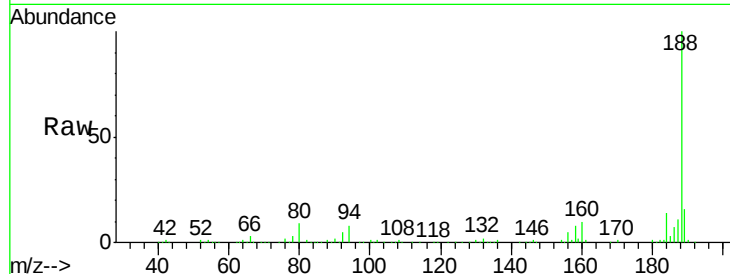




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF082547.D
 Acq: 27 Oct 2015 13:00

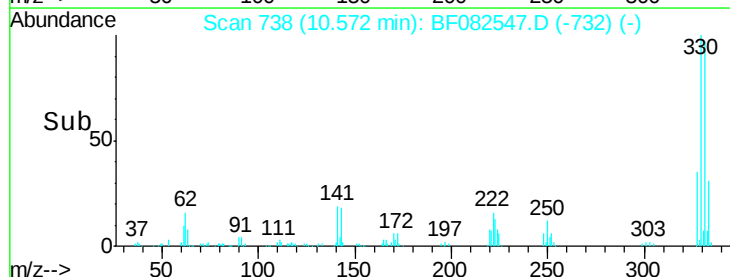
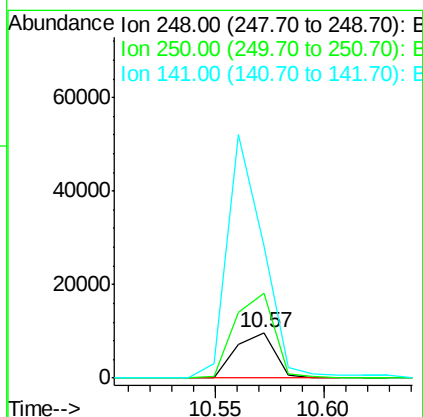
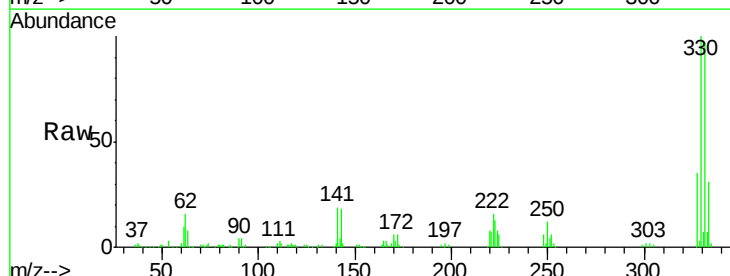
Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

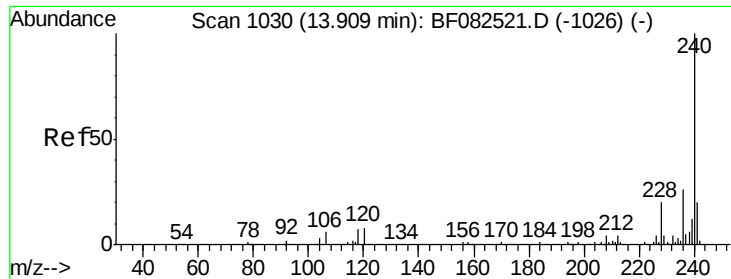
Tgt Ion:188 Resp: 300970
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.4 9.6
 80 9.0 7.0 10.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.23 min
 Lab File: BF082547.D
 Acq: 27 Oct 2015 13:00

Tgt Ion:248 Resp: 12056
 Ion Ratio Lower Upper
 248 100
 250 184.7 76.0 114.0#
 141 290.4 77.5 116.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

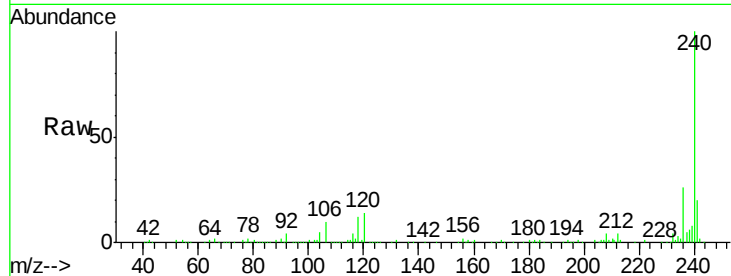
Tgt Ion:240 Resp: 273929

Ion Ratio Lower Upper

240 100

120 13.8 6.5 9.7#

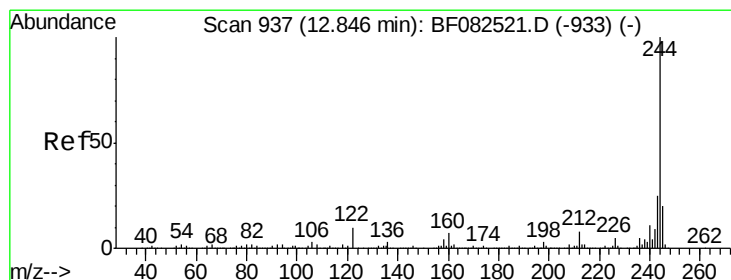
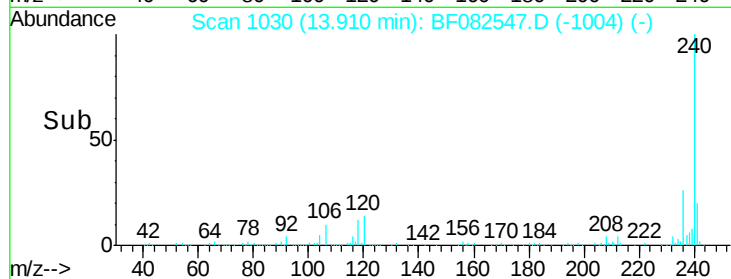
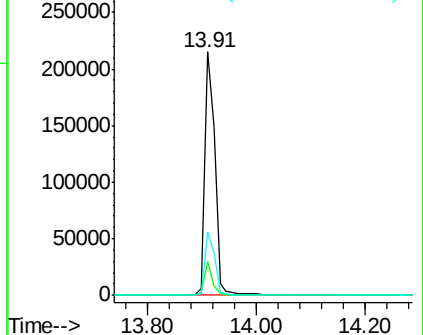
236 25.9 20.5 30.7



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: 80.75 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF082547.D

Acq: 27 Oct 2015 13:00

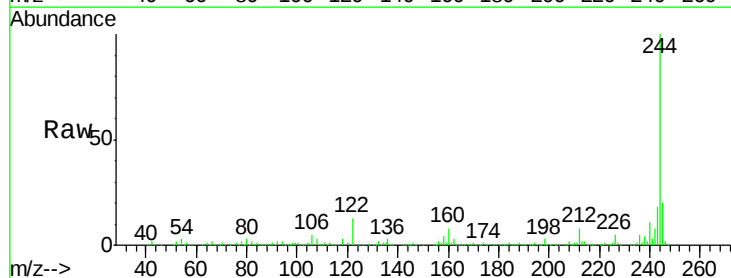
Tgt Ion:244 Resp: 767758

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

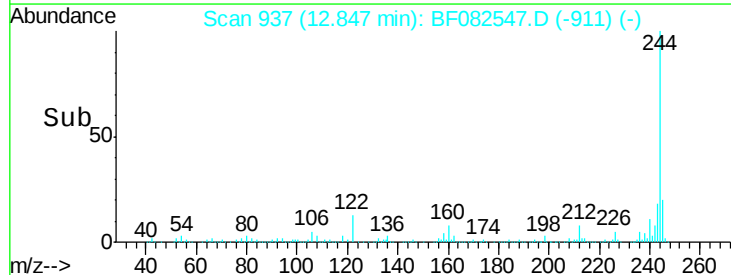
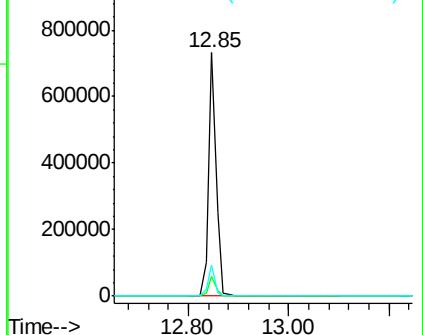
122 12.6 8.1 12.1#

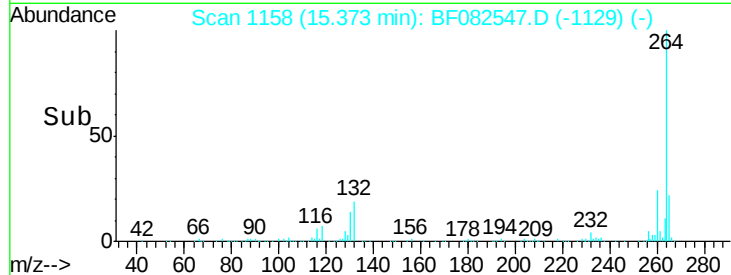
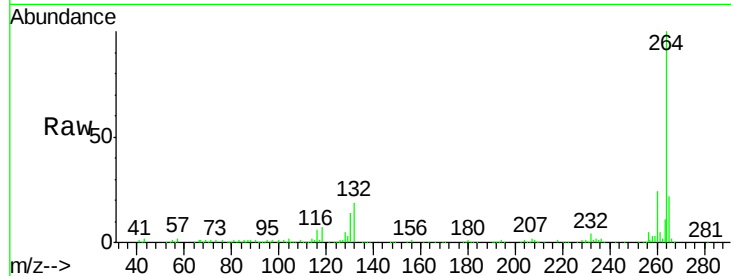
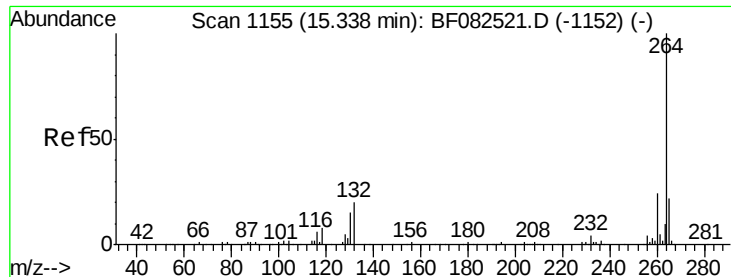


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1158
Delta R.T. 0.03 min
Lab File: BF082547.D
Acq: 27 Oct 2015 13:00

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.6	17.8	26.6

