

Data Path : Z:\HPCHEM1\BNA_F\Data\BF102615\
 Data File : BF082544.D
 Acq On : 27 Oct 2015 11:34
 Operator : UM/IZ
 Sample : G4117-13RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Quant Time: Oct 27 13:27:40 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

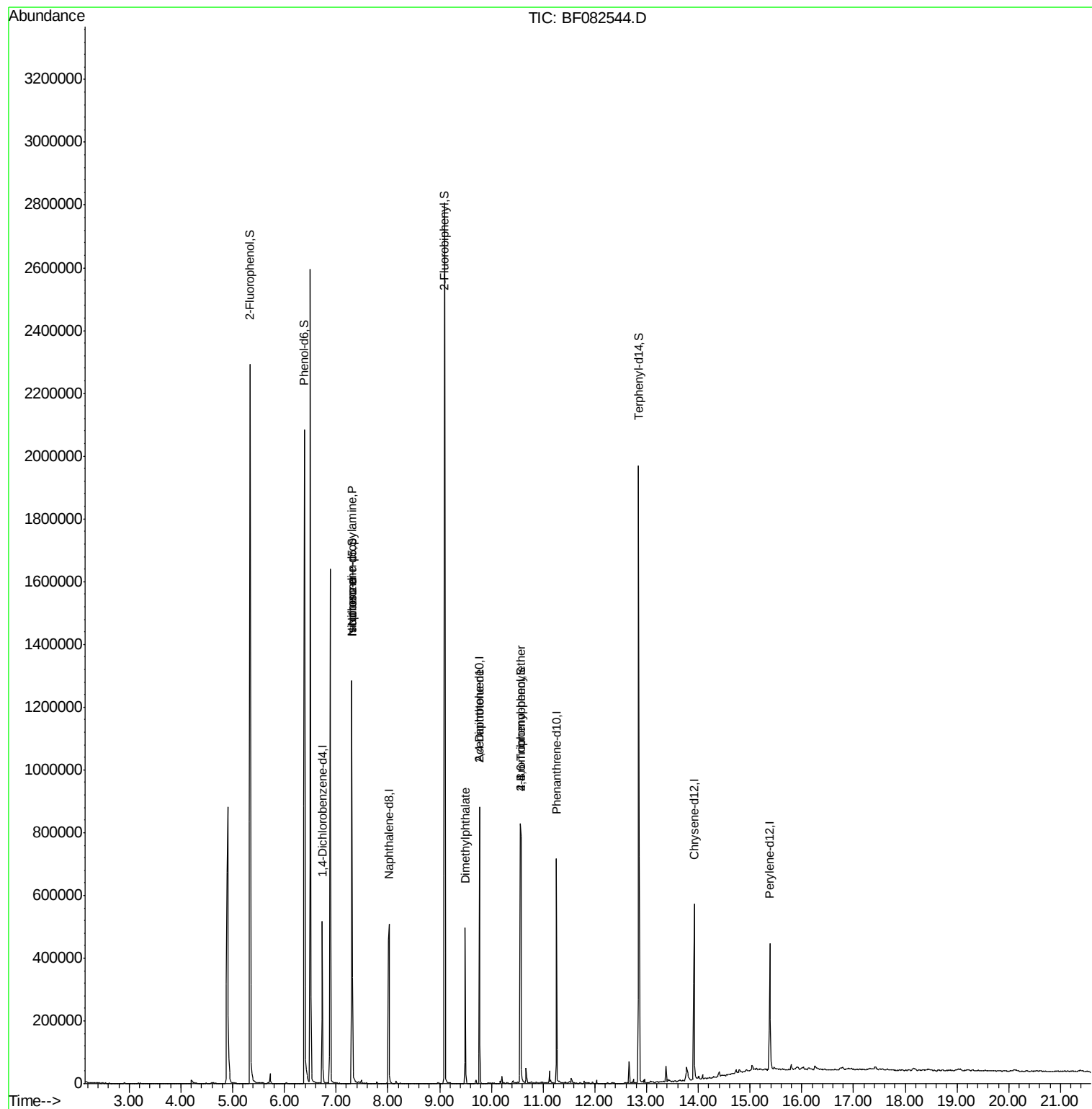
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	95912	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	362789	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	169526	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	268411	20.00	ng	0.00
75) Chrysene-d12	13.92	240	249912	20.00	ng	0.01
86) Perylene-d12	15.38	264	178672	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	696941	143.45	ng	0.02
7) Phenol-d6	6.39	99	850429	134.30	ng	0.01
23) Nitrobenzene-d5	7.30	82	492969	87.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	146157	115.13	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	922260	86.51	ng	0.00
78) Terphenyl-d14	12.85	244	695387	80.16	ng	0.00
Target Compounds						
9) Benzaldehyde	6.39	77	1013	Below Cal	#	3
19) n-Nitroso-di-n-propylamine	7.30	70	64833	15.72 ng	#	79
25) Isophorone	7.30	82	405485	36.29 ng	#	64
49) Dimethylphthalate	9.50	163	201762	17.10 ng		99
56) 2,4-Dinitrotoluene	9.77	165	22347	7.12 ng	#	10
66) 4-Bromophenyl-phenylether	10.57	248	10781	4.28 ng	#	1

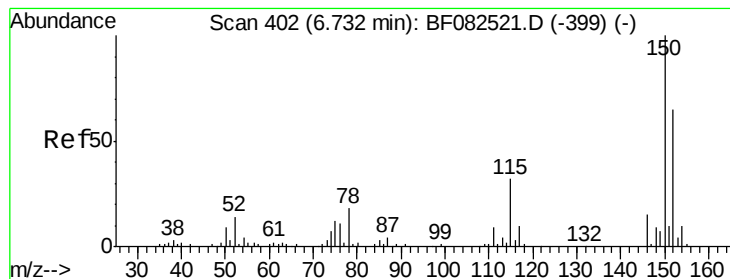
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

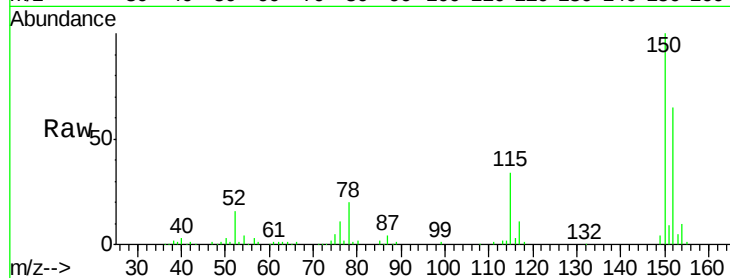
Tgt Ion:152 Resp: 95912

Ion Ratio Lower Upper

152 100

150 154.1 123.4 185.0

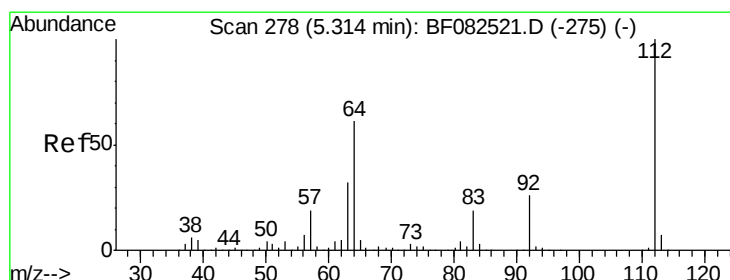
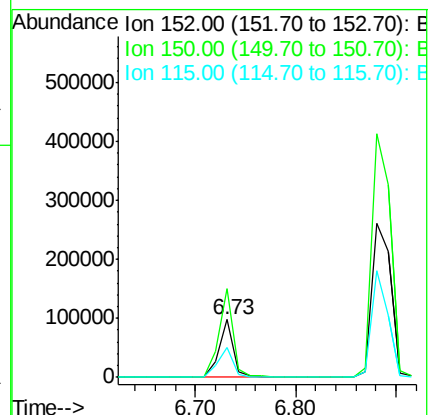
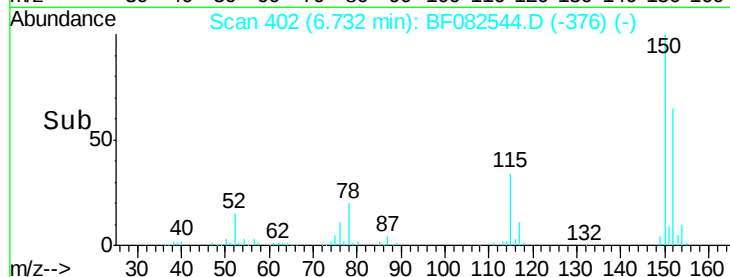
115 52.5 39.0 58.4



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



#5

2-Fluorophenol

Concen: 143.45 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

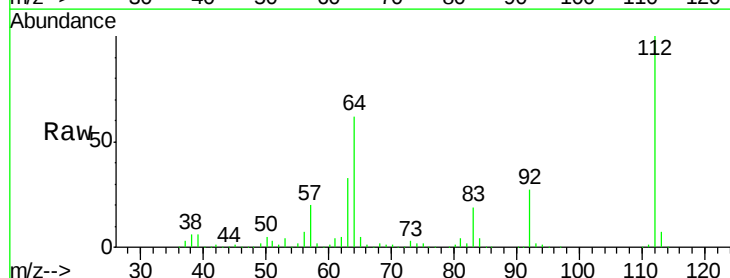
Tgt Ion:112 Resp: 696941

Ion Ratio Lower Upper

112 100

64 61.5 49.0 73.4

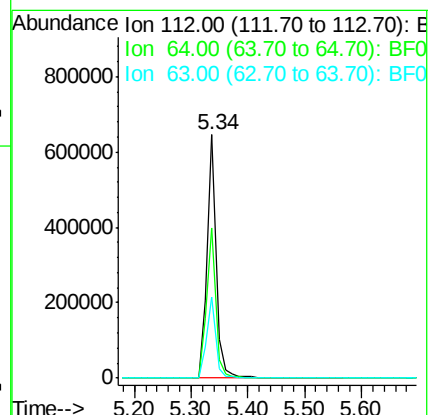
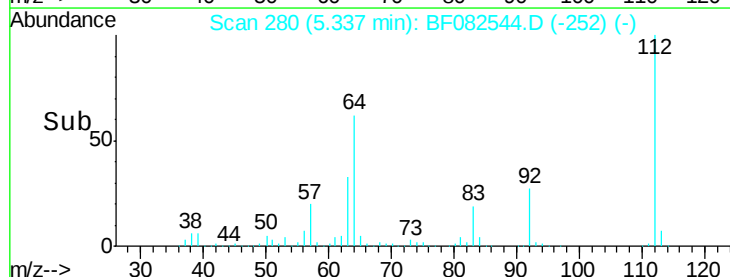
63 33.2 25.8 38.6

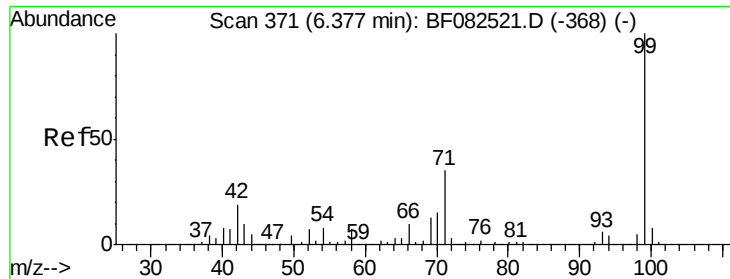


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.30 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

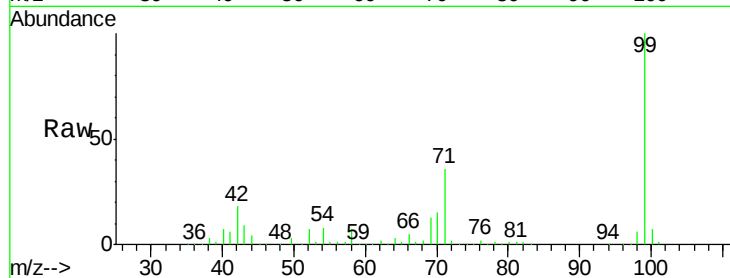
Tgt Ion: 99 Resp: 850429

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

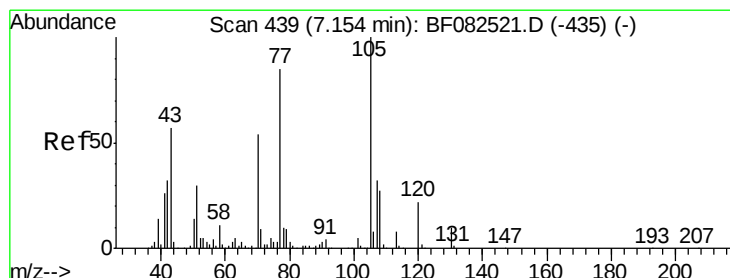
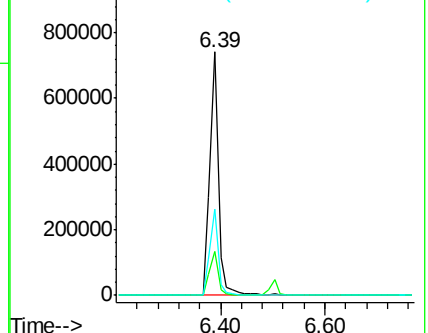
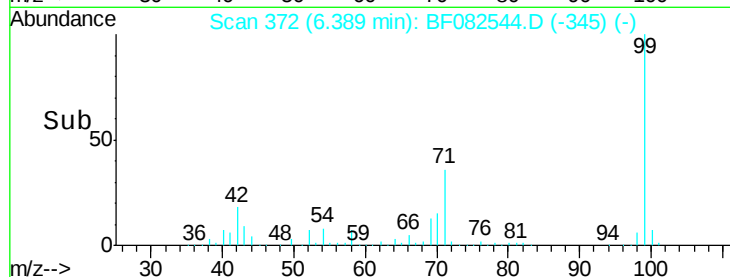
71 35.6 28.2 42.2



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: 15.72 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Tgt Ion: 70 Resp: 64833

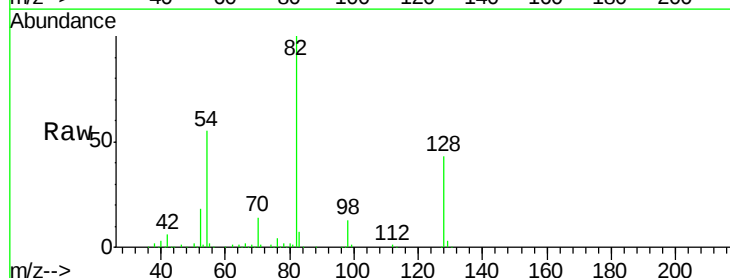
Ion Ratio Lower Upper

70 100

42 46.6 46.9 70.3#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

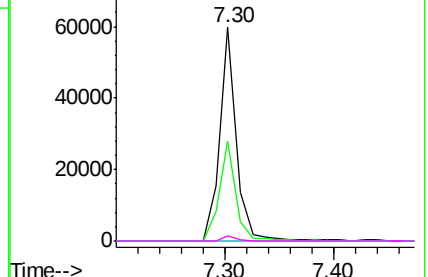
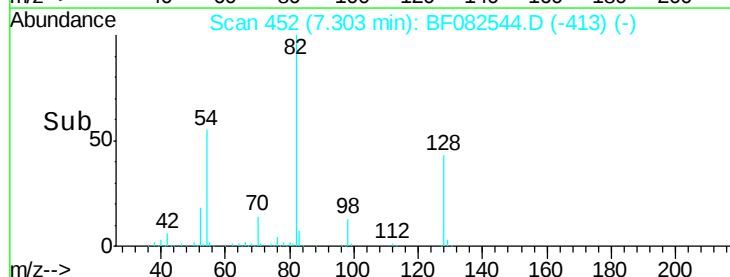


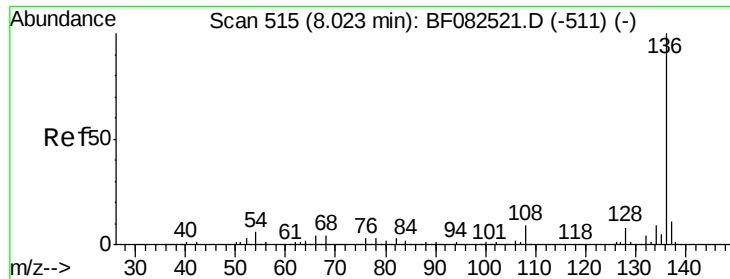
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

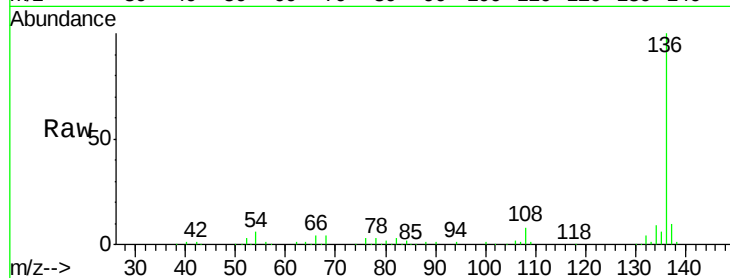




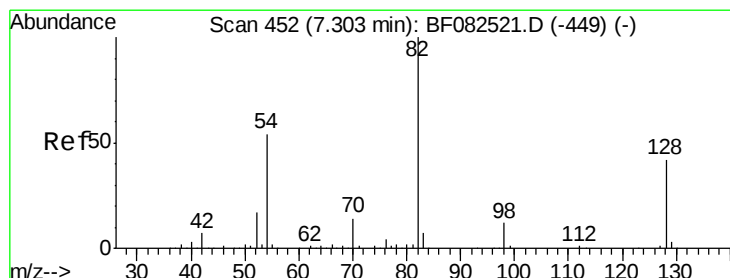
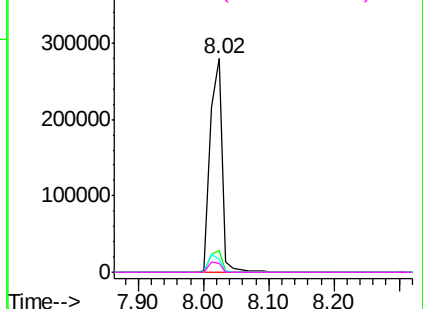
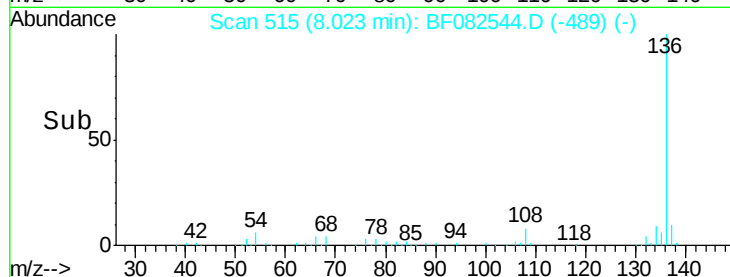
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF082544.D
Acq: 27 Oct 2015 11:34

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tgt Ion:	136	Resp:	362789
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	5.8	4.6	7.0
68	3.9	3.2	4.8

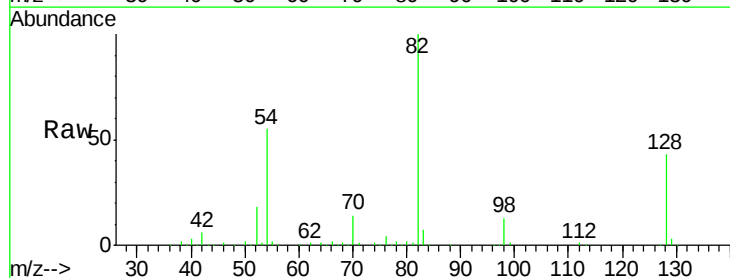


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

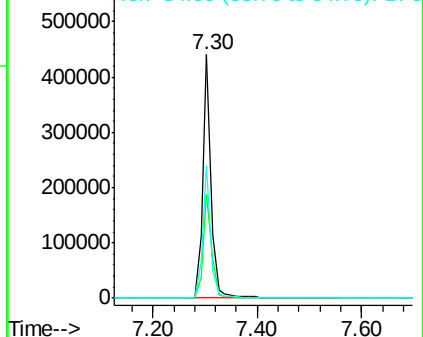
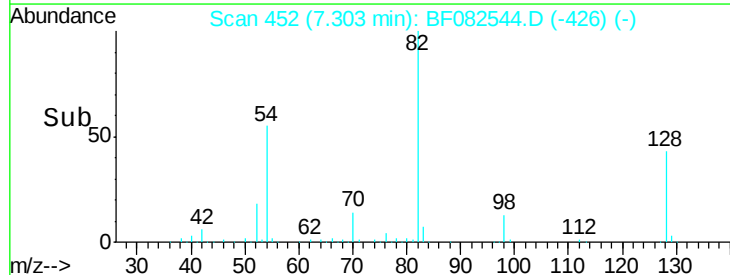


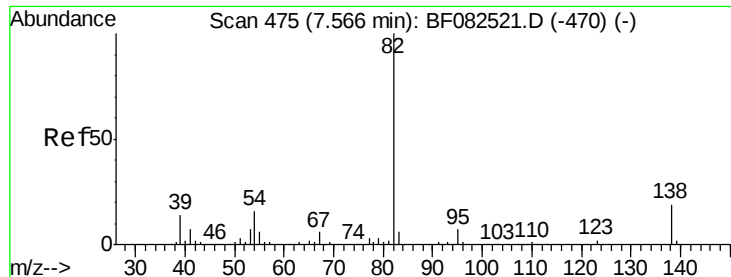
#23
Nitrobenzene-d5
Concen: 87.66 ng
RT: 7.30 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF082544.D
Acq: 27 Oct 2015 11:34

Tgt Ion:	82	Resp:	492969
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	54.5	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: 36.29 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

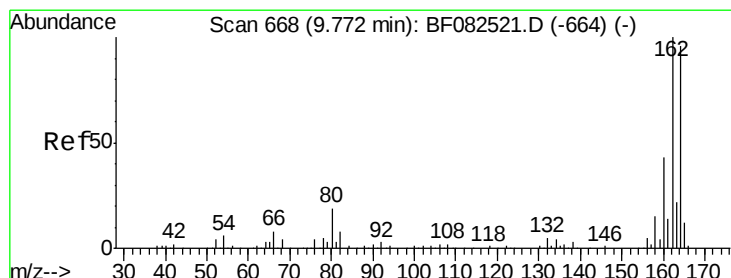
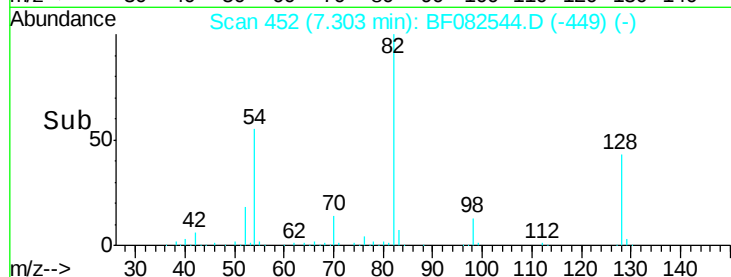
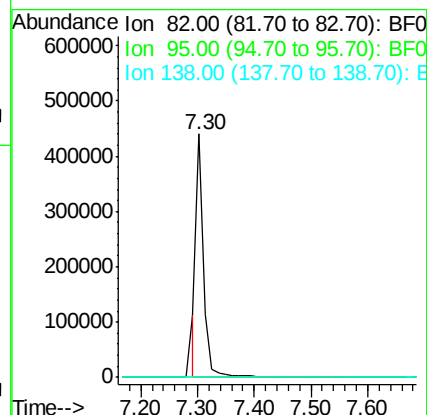
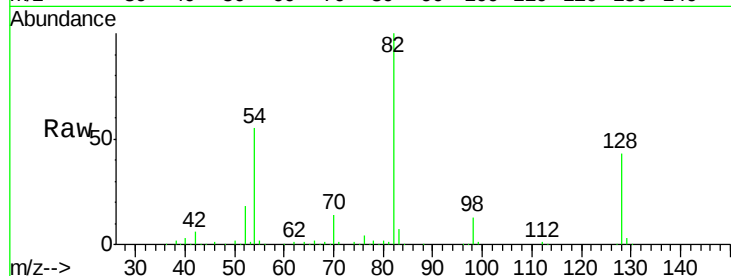
Tgt Ion: 82 Resp: 405485

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: BF082544.D

Acq: 27 Oct 2015 11:34

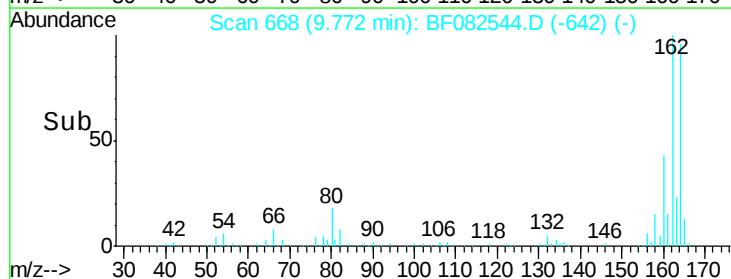
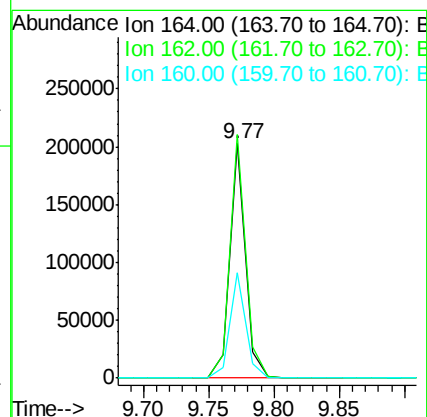
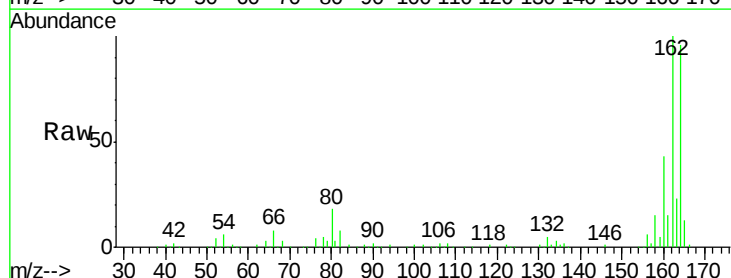
Tgt Ion: 164 Resp: 169526

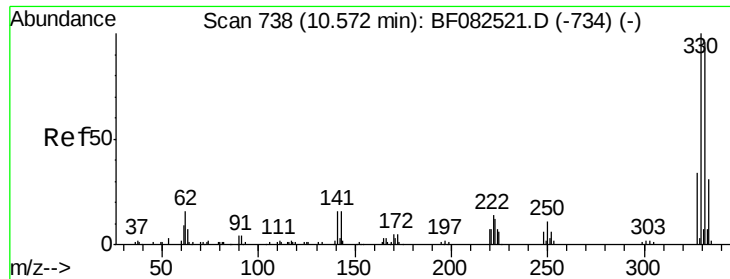
Ion Ratio Lower Upper

164 100

162 103.8 83.6 125.4

160 44.9 36.0 54.0

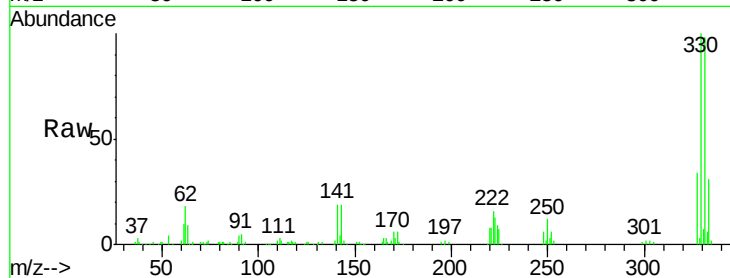




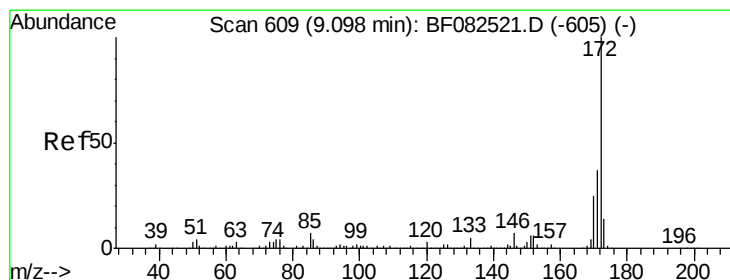
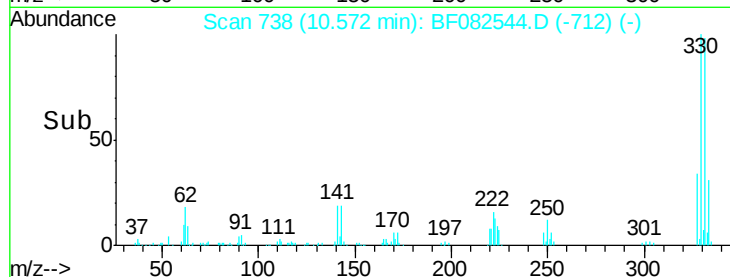
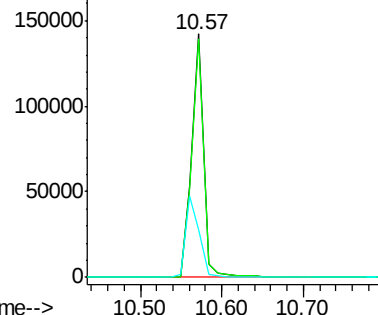
#41
 2,4,6-Tribromophenol
 Concen: 115.13 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082544.D
 Acq: 27 Oct 2015 11:34

Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	37.9	32.5	48.7

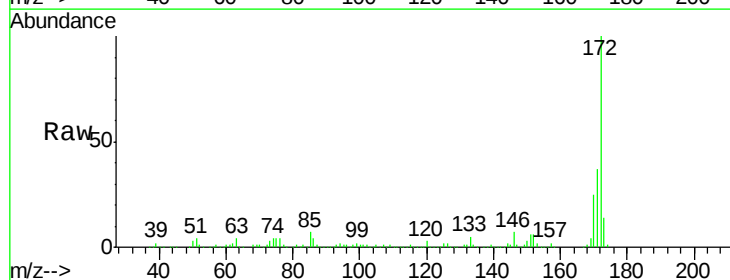


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

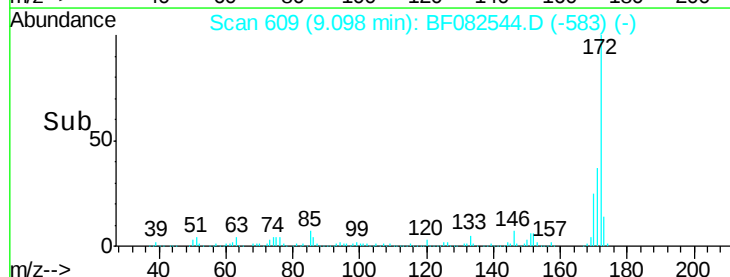
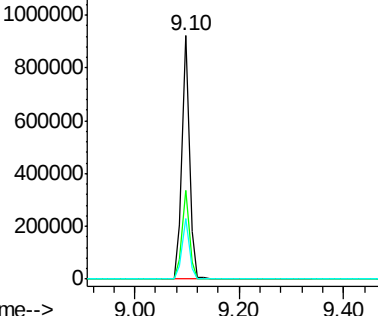


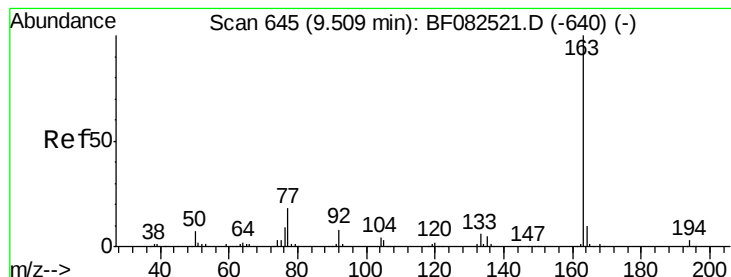
#44
 2-Fluorobiphenyl
 Concen: 86.51 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082544.D
 Acq: 27 Oct 2015 11:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.3	43.9
170	25.0	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: 17.10 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Instrument :

BNA_F

ClientSampleId :

COFF-01(0-2)

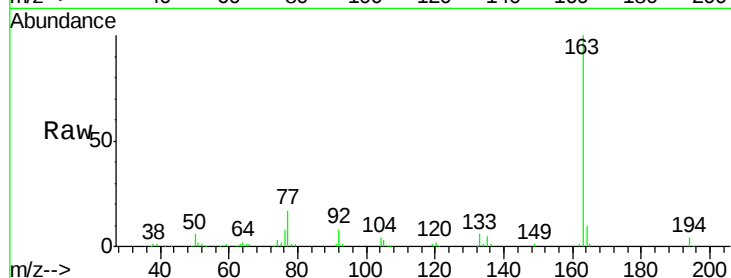
Tgt Ion:163 Resp: 201762

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

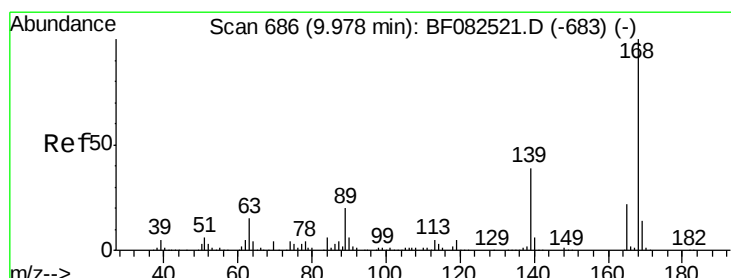
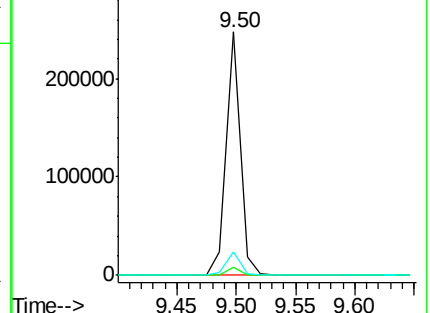
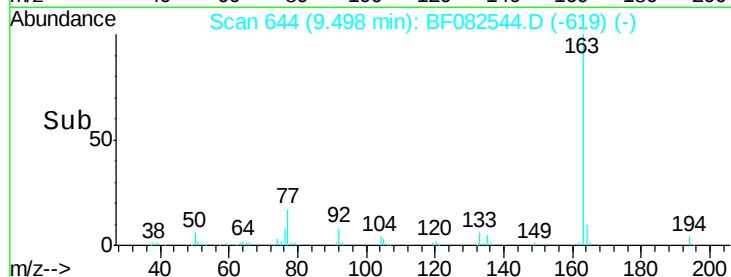
164 9.8 8.2 12.4



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: 7.12 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.21 min

Lab File: BF082544.D

Acq: 27 Oct 2015 11:34

Tgt Ion:165 Resp: 22347

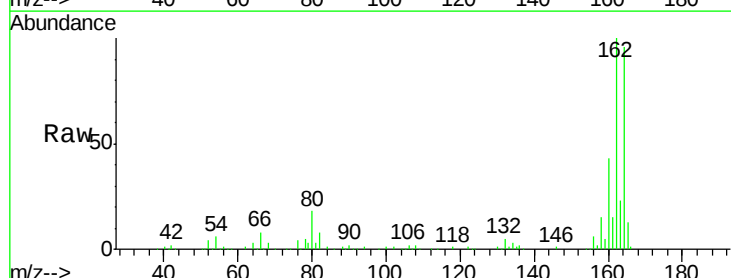
Ion Ratio Lower Upper

165 100

63 0.0 58.6 88.0#

89 1.2 72.3 108.5#

182 0.0 1.8 2.8#

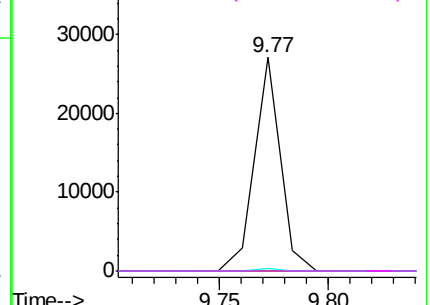
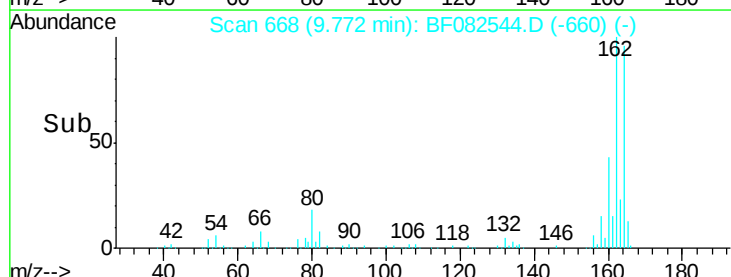


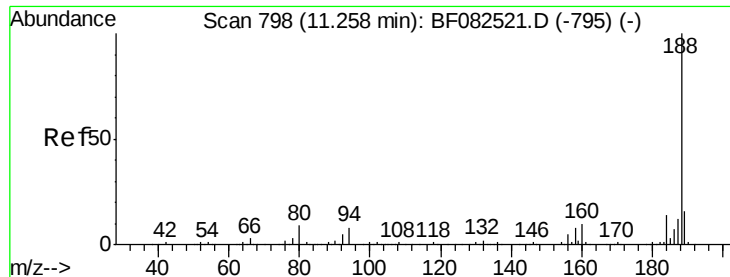
Abundance Ion 165.00 (164.70 to 165.70): E

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

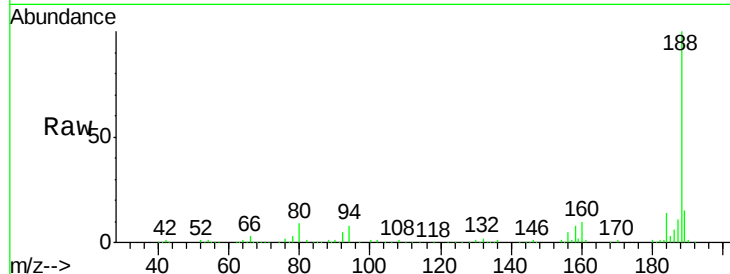




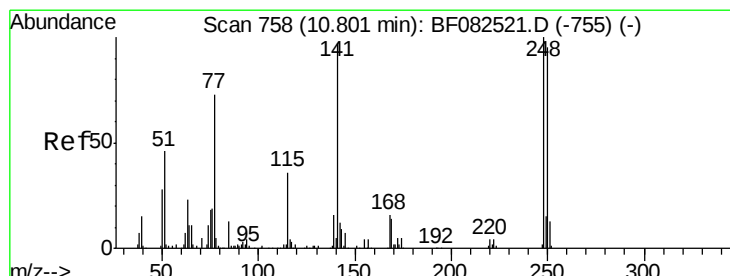
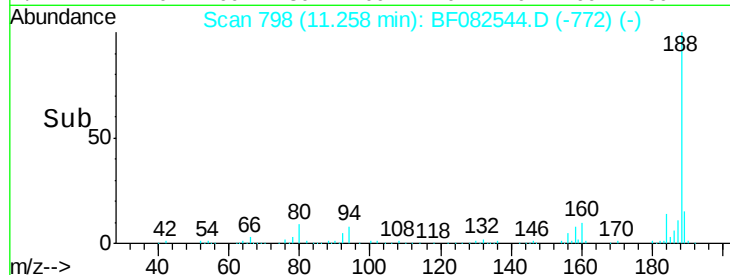
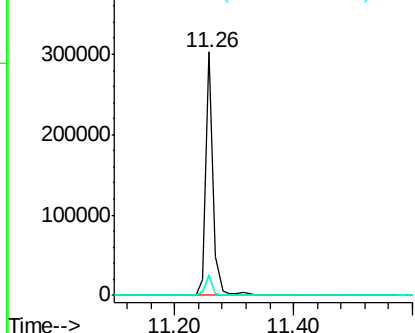
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF082544.D
Acq: 27 Oct 2015 11:34

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tgt Ion:188 Resp: 268411
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 7.0 10.6

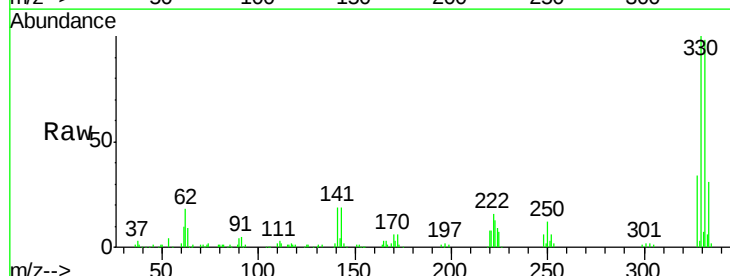


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

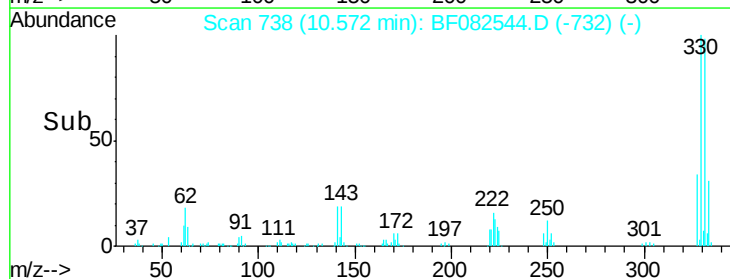
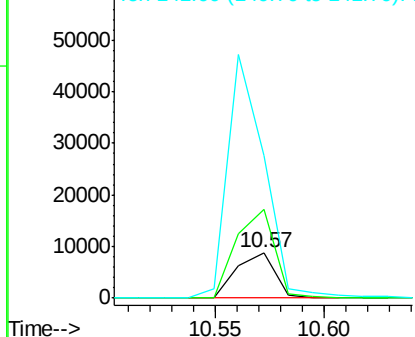


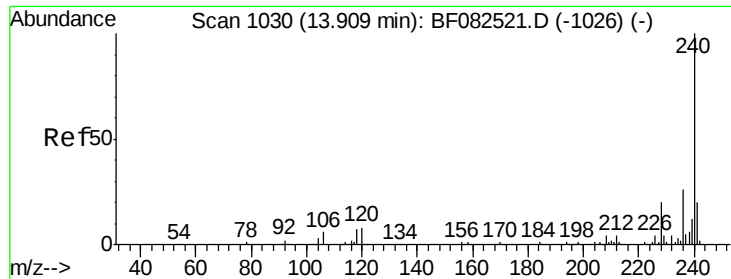
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.23 min
Lab File: BF082544.D
Acq: 27 Oct 2015 11:34

Tgt Ion:248 Resp: 10781
Ion Ratio Lower Upper
248 100
250 192.9 76.0 114.0#
141 311.4 77.5 116.3#



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

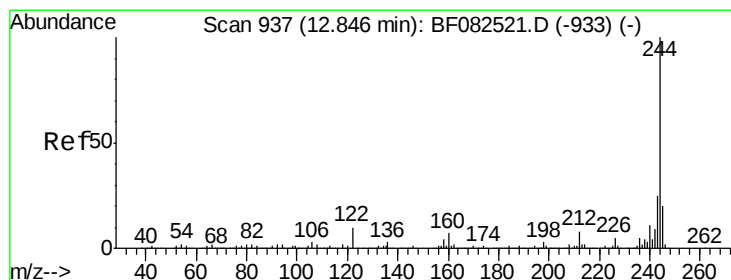
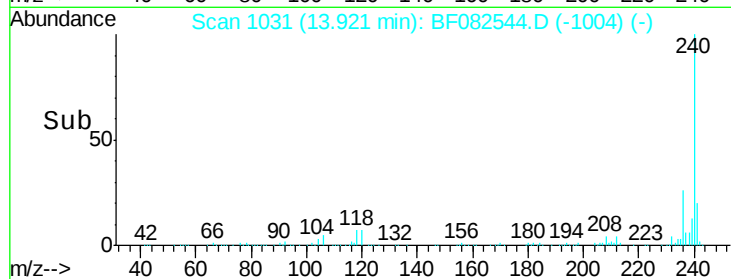
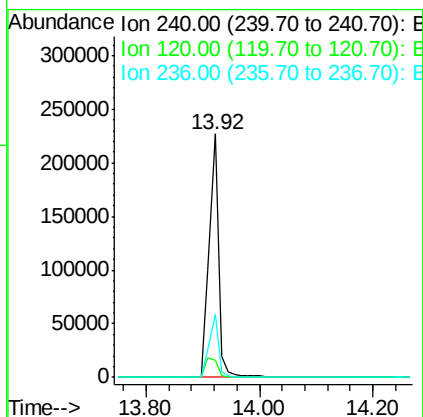
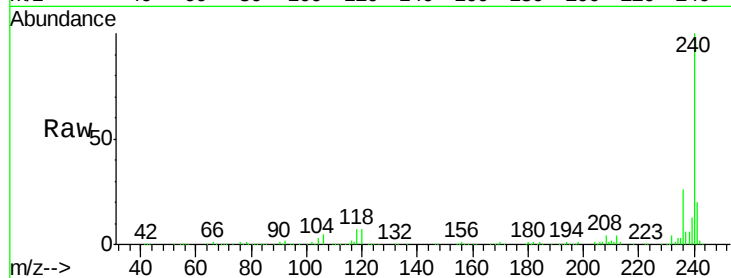




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF082544.D
 Acq: 27 Oct 2015 11:34

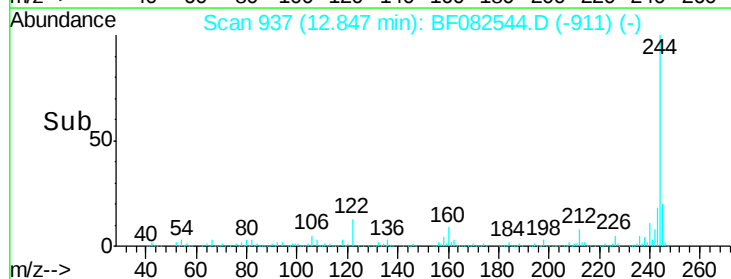
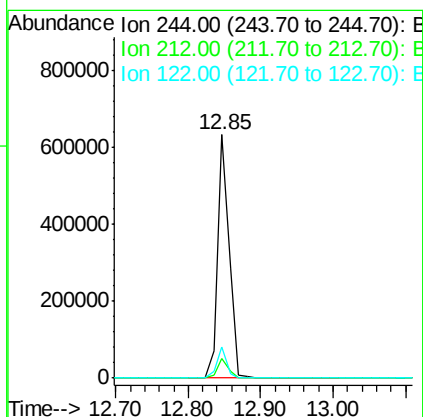
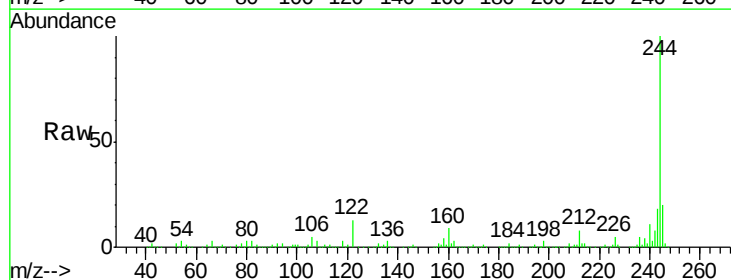
Instrument :
 BNA_F
 ClientSampleId :
 COFF-01(0-2)

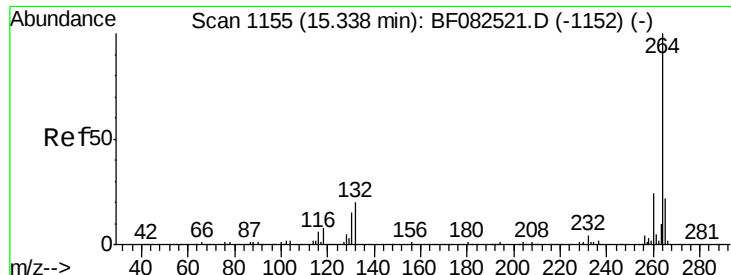
Tgt Ion:240 Resp: 249912
 Ion Ratio Lower Upper
 240 100
 120 7.2 6.5 9.7
 236 25.8 20.5 30.7



#78
 Terphenyl-d14
 Concen: 80.16 ng
 RT: 12.85 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF082544.D
 Acq: 27 Oct 2015 11:34

Tgt Ion:244 Resp: 695387
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.0 8.1 12.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.05 min
Lab File: BF082544.D
Acq: 27 Oct 2015 11:34

Instrument :
BNA_F
ClientSampleId :
COFF-01(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	21.6	17.8	26.6

