

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083532.D
 Acq On : 6 Dec 2015 20:24
 Operator : UM/IZ
 Sample : G4614-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S27-15.5

Quant Time: Dec 07 05:04:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

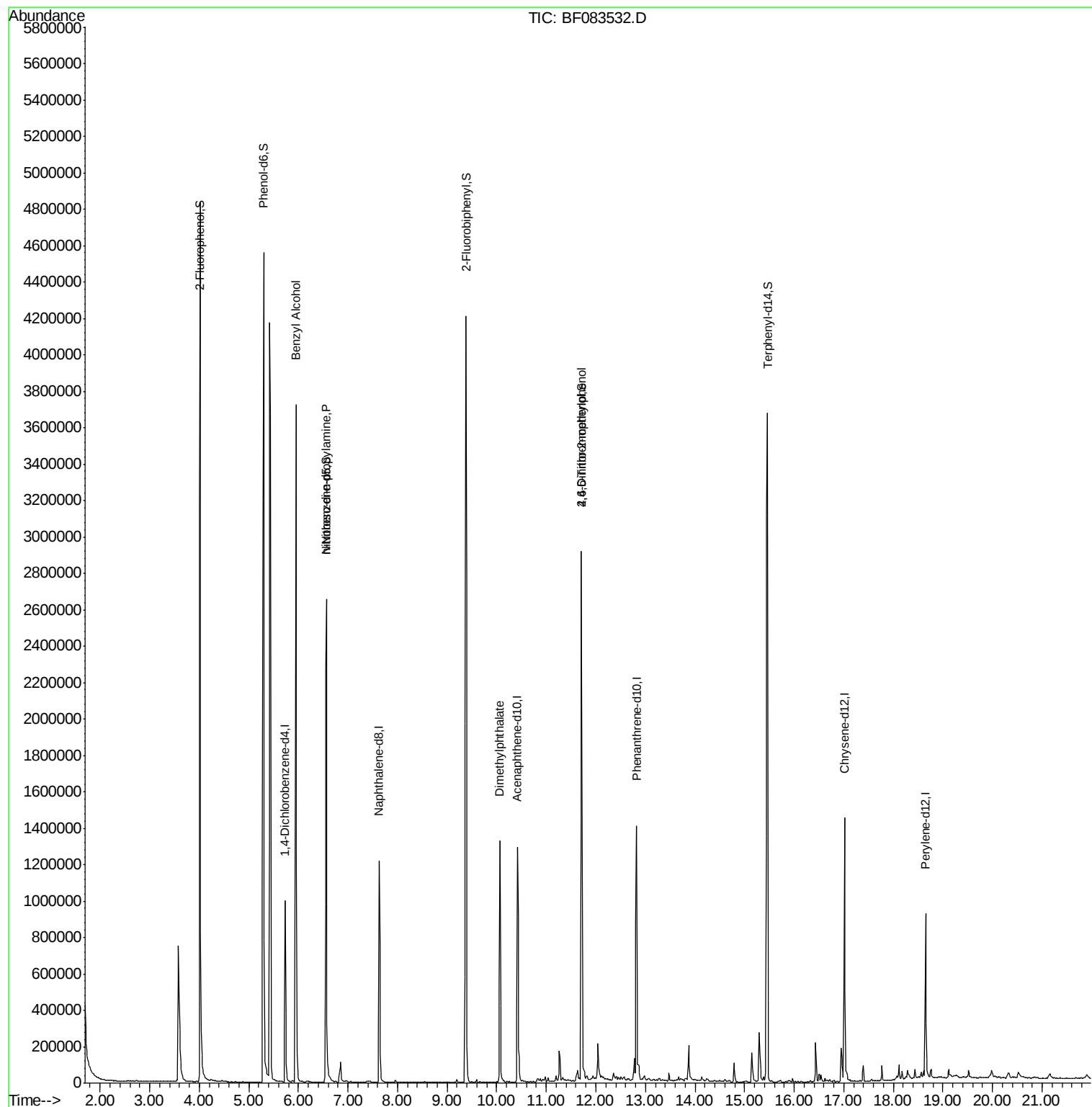
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	195299	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	783422	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	400903	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	734911	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	631640	20.00	ng	-0.03
86) Perylene-d12	18.65	264	451651	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1786430	138.77	ng	-0.01
7) Phenol-d6	5.30	99	2386015	134.53	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1586492	94.66	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	492050	133.05	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	2226318	75.32	ng	-0.05
78) Terphenyl-d14	15.46	244	1976279	69.62	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	5.95	79	24952	2.03	ng	# 45
19) n-Nitroso-di-n-propylamine	6.57	70	209397	17.70	ng	# 79
49) Dimethylphthalate	10.06	163	720783	22.84	ng	99
64) 4,6-Dinitro-2-methylphenol	11.71	198	1254	3.72	ng	# 1

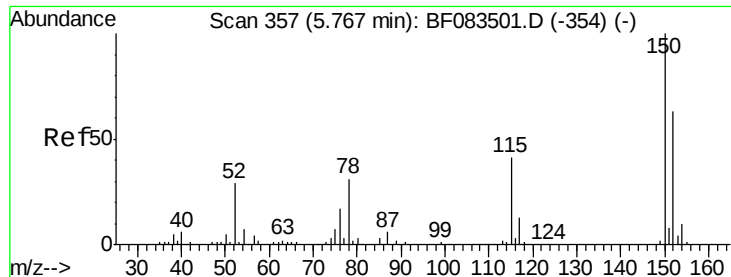
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
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QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.73 min Scan# 354

Delta R.T. -0.03 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Instrument :

BNA_G

ClientSampleId :

S27-15.5

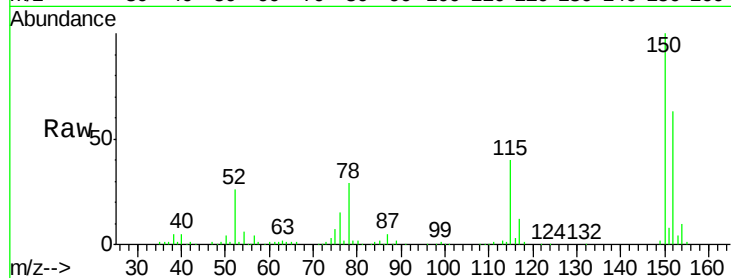
Tgt Ion:152 Resp: 195299

Ion Ratio Lower Upper

152 100

150 159.2 126.5 189.7

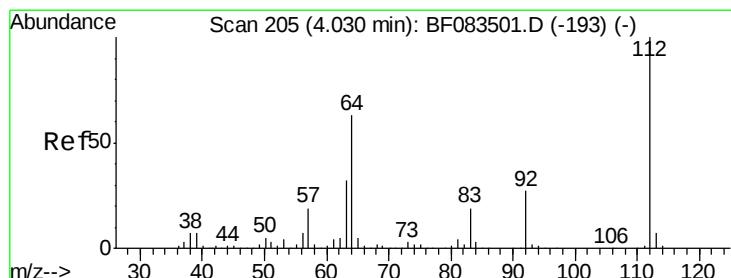
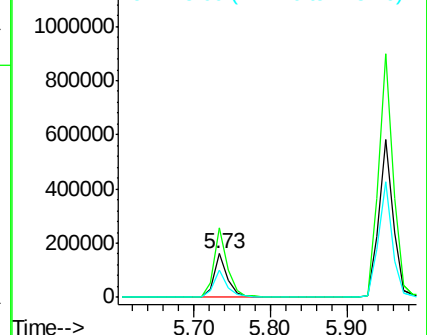
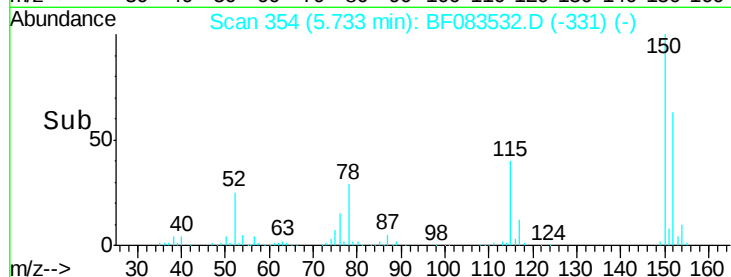
115 63.8 52.3 78.5



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: 138.77 ng

RT: 4.02 min Scan# 204

Delta R.T. -0.01 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

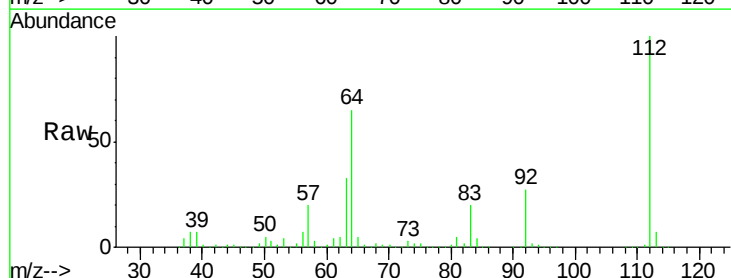
Tgt Ion:112 Resp: 1786430

Ion Ratio Lower Upper

112 100

64 64.5 50.5 75.7

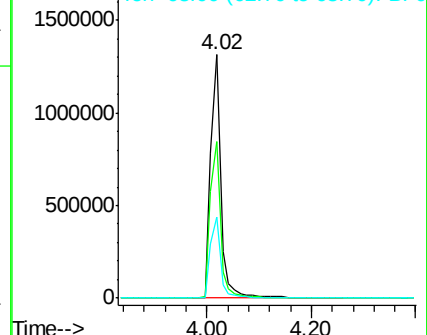
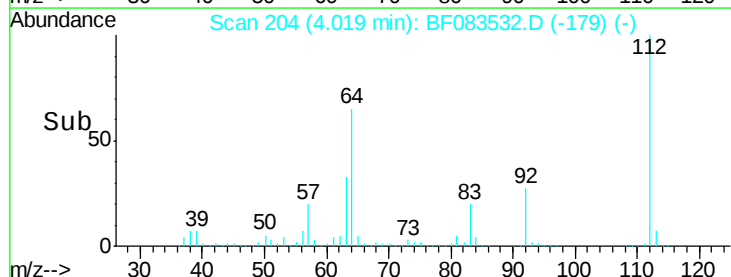
63 33.1 25.8 38.6

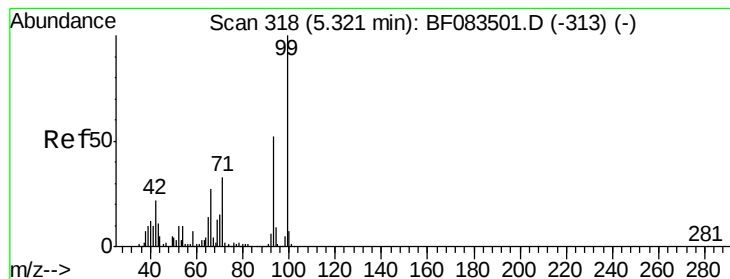


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.53 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Instrument :

BNA_G

ClientSampleId :

S27-15.5

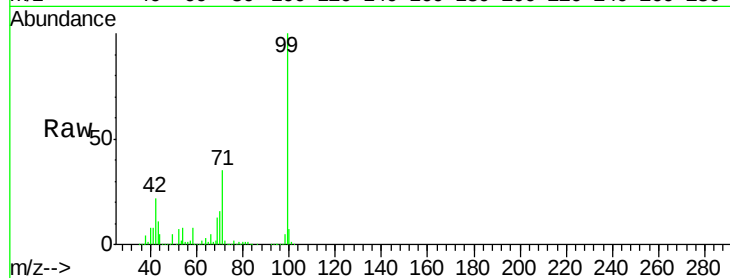
Tgt Ion: 99 Resp: 2386015

Ion Ratio Lower Upper

99 100

42 21.6 17.3 25.9

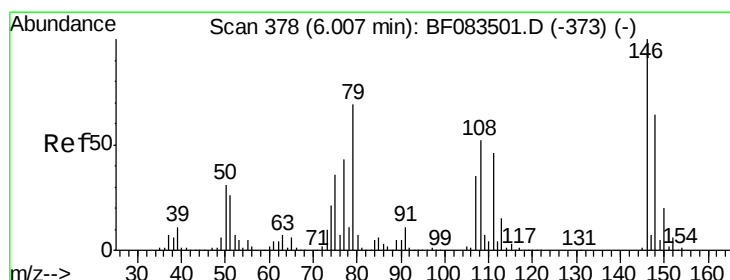
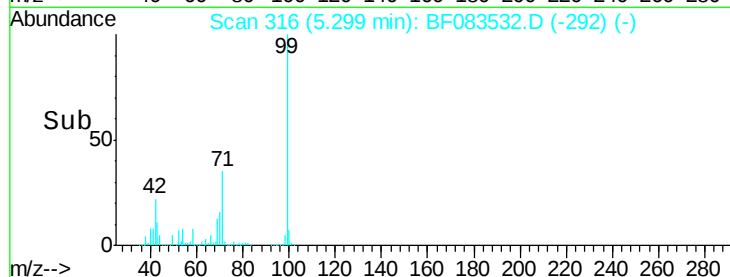
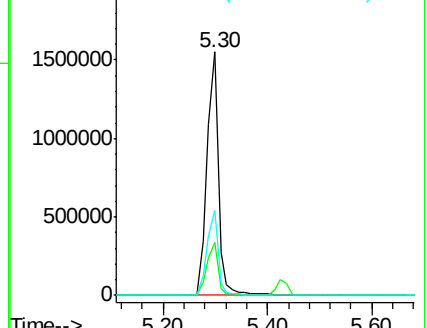
71 34.7 26.6 40.0



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



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 5.95 min Scan# 373

Delta R.T. -0.06 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

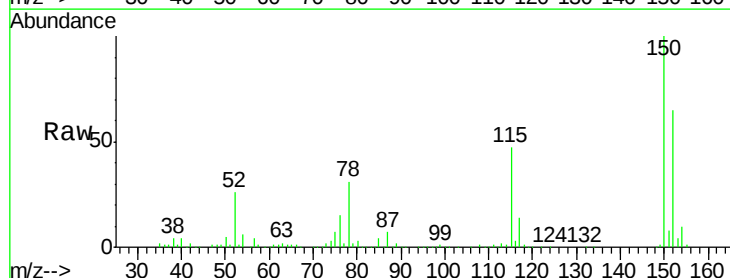
Tgt Ion: 79 Resp: 24952

Ion Ratio Lower Upper

79 100

108 26.2 59.6 89.4#

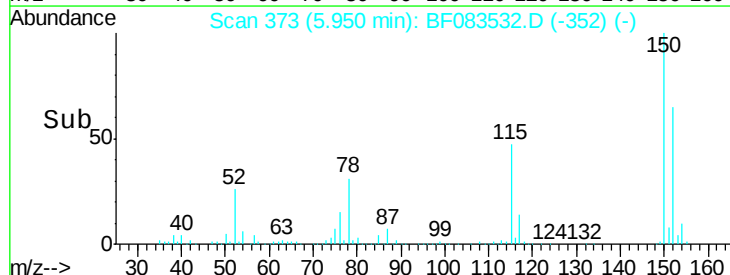
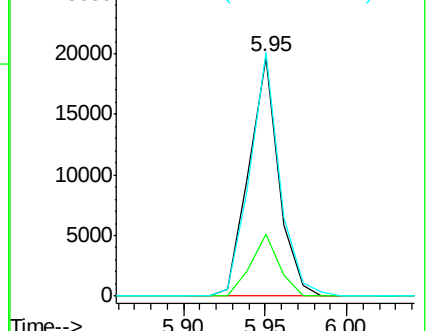
77 102.1 49.8 74.6#

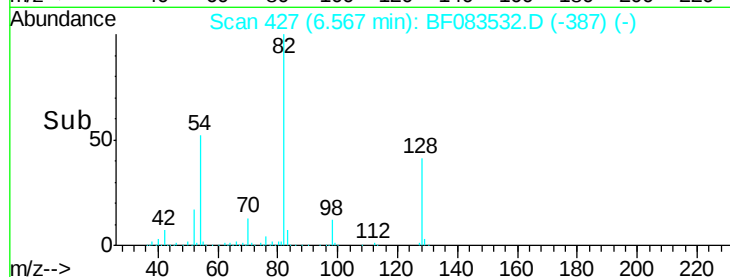
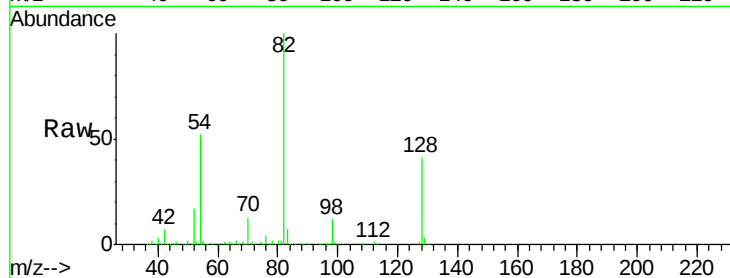
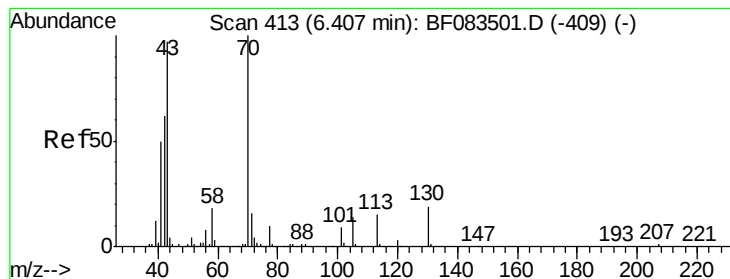


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 17.70 ng

RT: 6.57 min Scan# 427

Delta R.T. 0.16 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Instrument :

BNA_G

ClientSampleId :

S27-15.5

Tgt Ion: 70 Resp: 209397

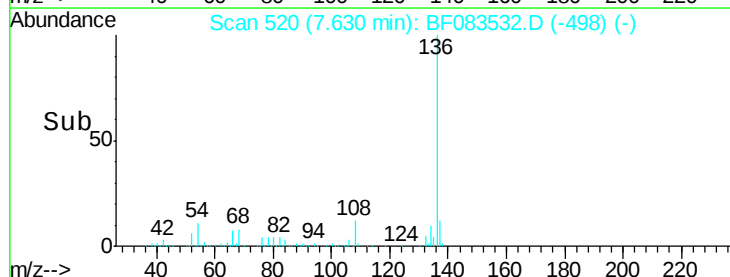
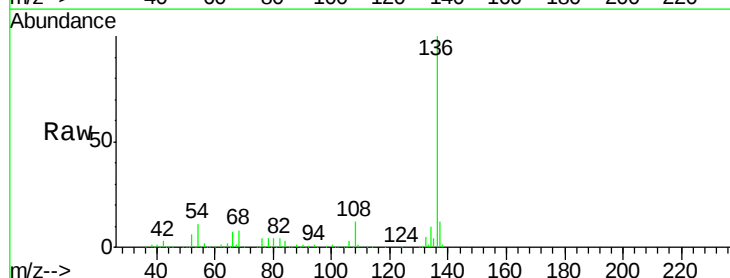
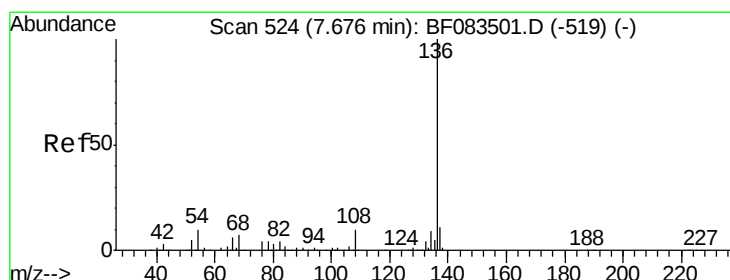
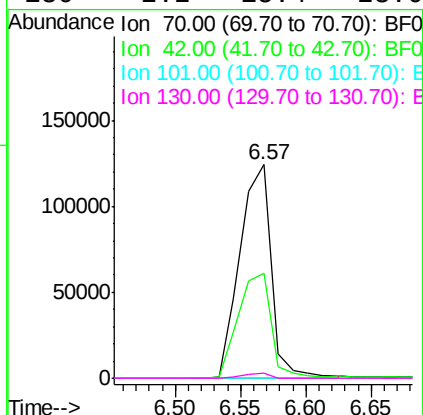
Ion Ratio Lower Upper

70 100

42 49.4 49.2 73.8

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083532.D

Acq: 6 Dec 2015 20:24

Tgt Ion: 136 Resp: 783422

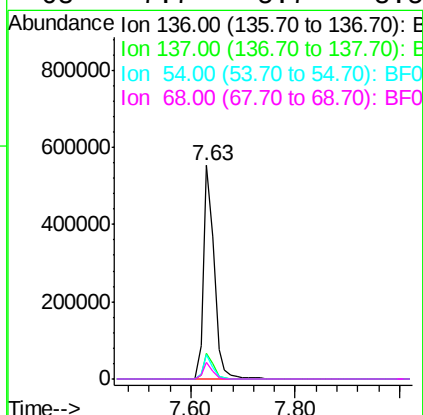
Ion Ratio Lower Upper

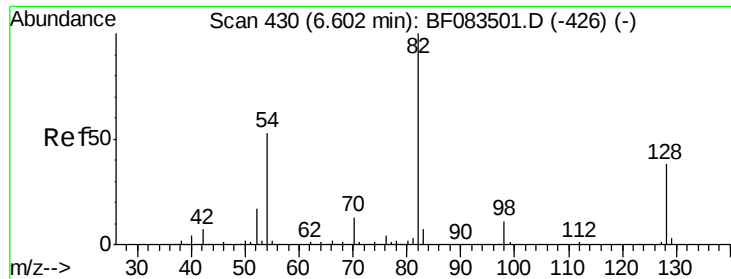
136 100

137 12.1 8.7 13.1

54 11.3 7.8 11.6

68 7.7 5.7 8.5

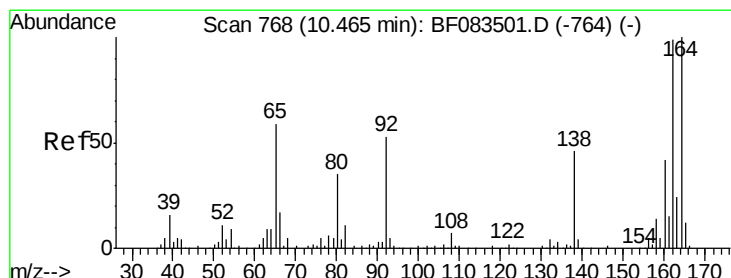
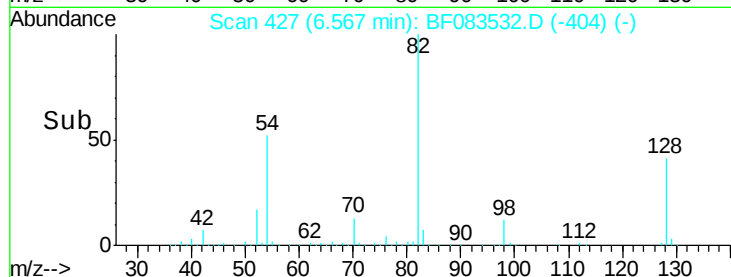
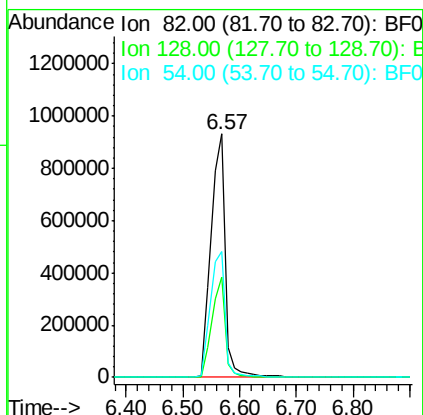
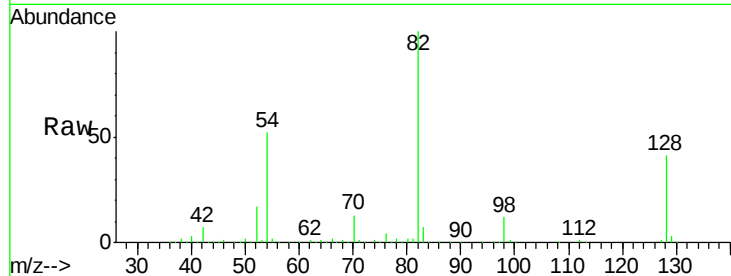




#23
 Nitrobenzene-d5
 Concen: 94.66 ng
 RT: 6.57 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

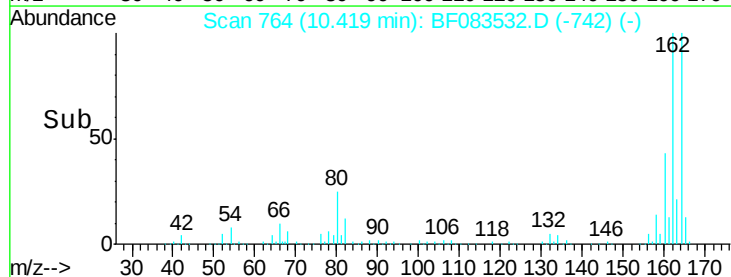
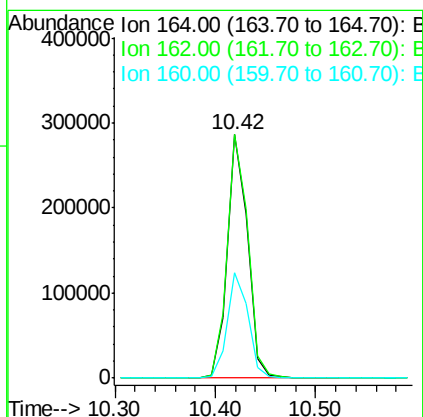
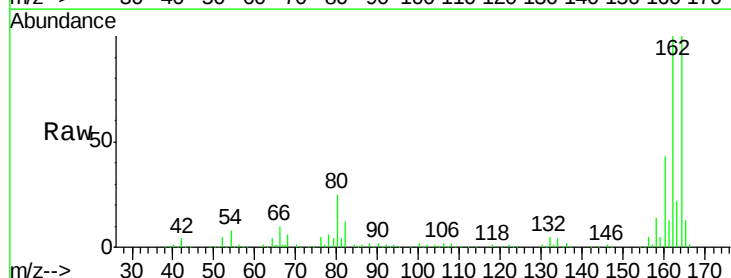
Instrument :
 BNA_G
 ClientSampled :
 S27-15.5

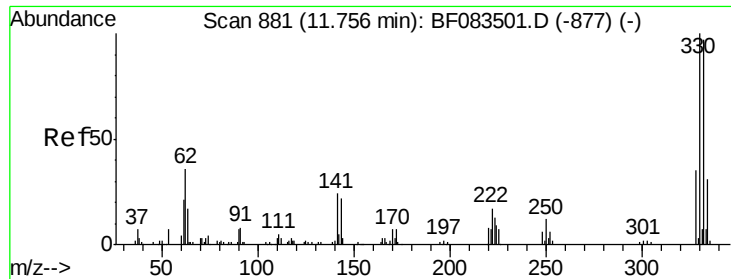
Tgt Ion: 82 Resp: 1586492
 Ion Ratio Lower Upper
 82 100
 128 41.1 30.7 46.1
 54 51.6 42.5 63.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.42 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion: 164 Resp: 400903
 Ion Ratio Lower Upper
 164 100
 162 99.9 78.8 118.2
 160 43.1 33.4 50.2

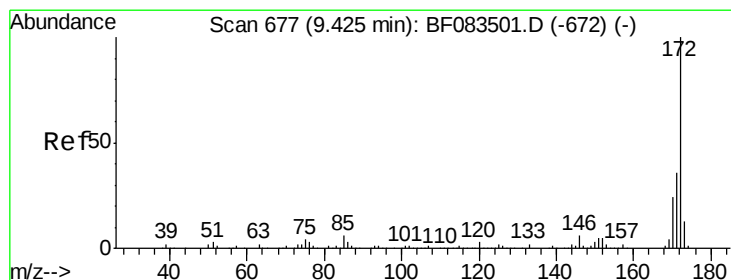
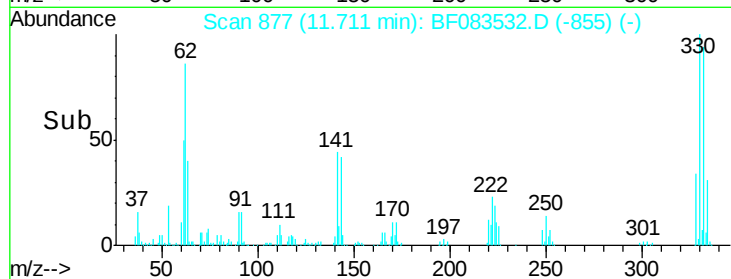
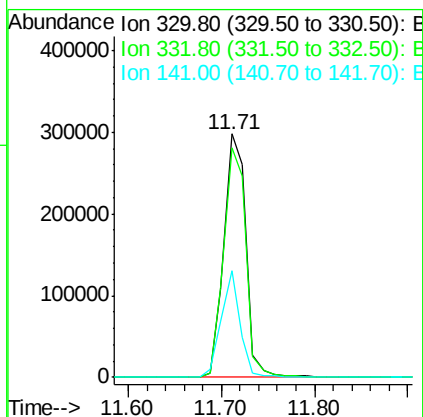
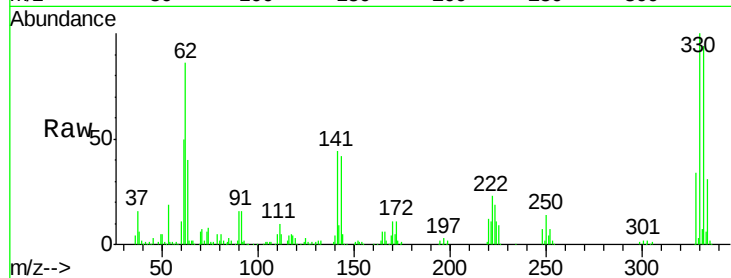




#41
 2,4,6-Tribromophenol
 Concen: 133.05 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

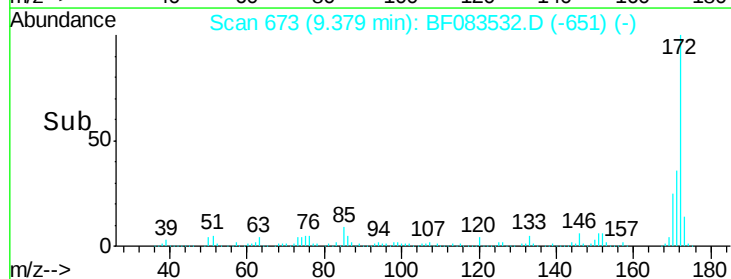
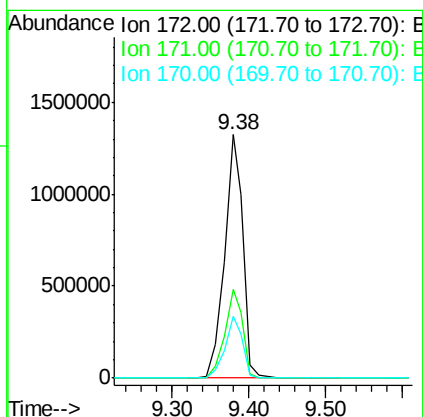
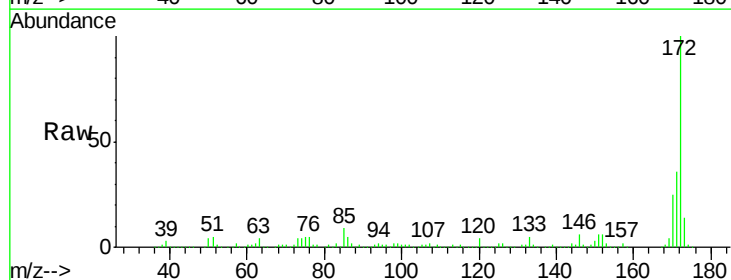
Instrument :
 BNA_G
 ClientSampleId :
 S27-15.5

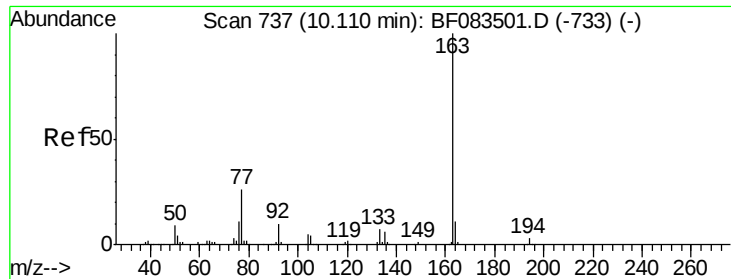
Tgt Ion:330 Resp: 492050
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 37.7 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 75.32 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion:172 Resp: 2226318
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 25.2 19.4 29.0

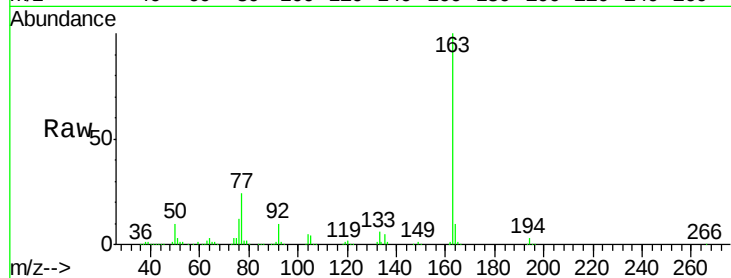




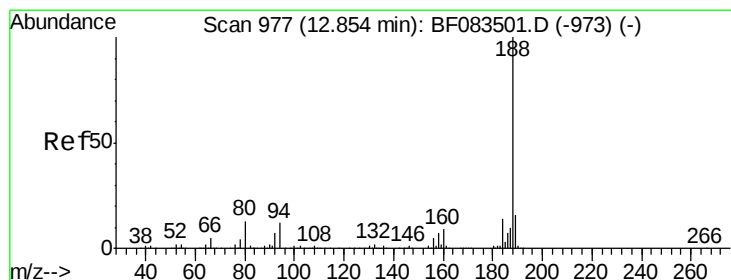
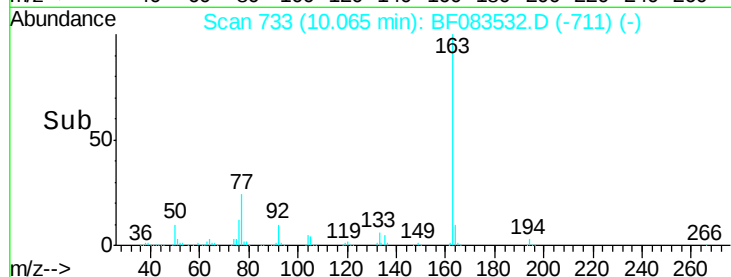
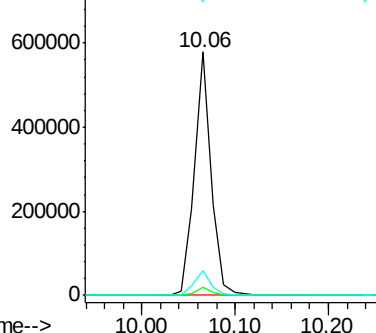
#49
Dimethylphthalate
Concen: 22.84 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Instrument :
BNA_G
ClientSampleId :
S27-15.5

Tgt Ion:163 Resp: 720783
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.4 8.6 13.0

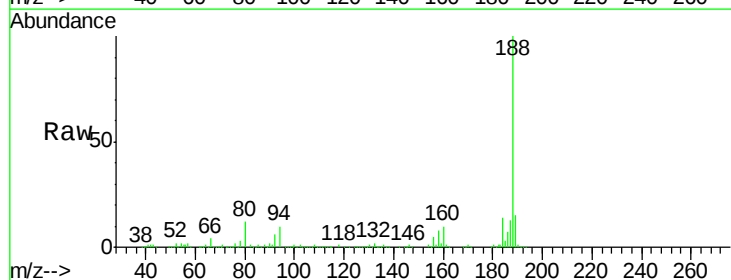


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

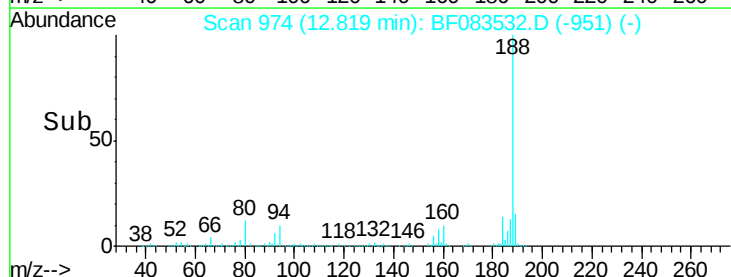
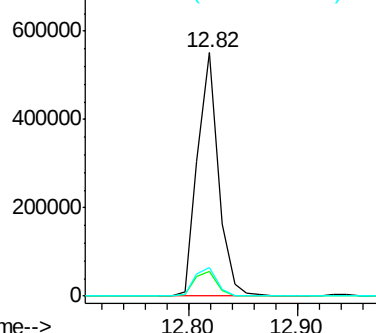


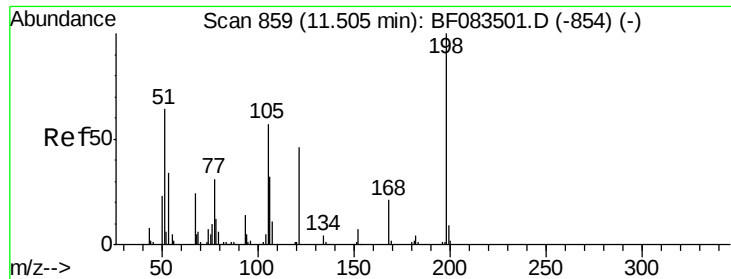
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083532.D
Acq: 6 Dec 2015 20:24

Tgt Ion:188 Resp: 734911
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.7 10.6 16.0



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

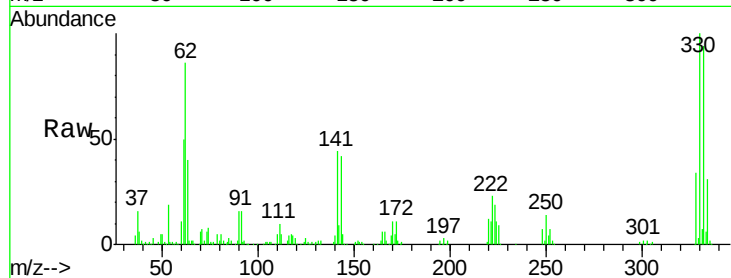




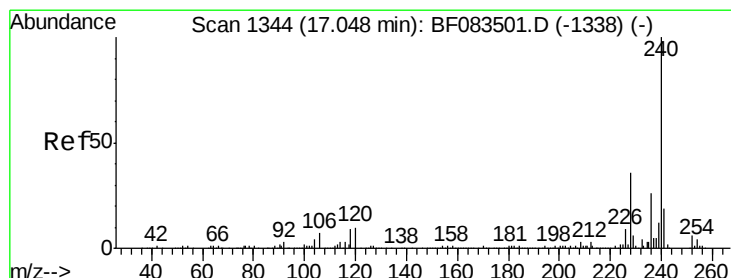
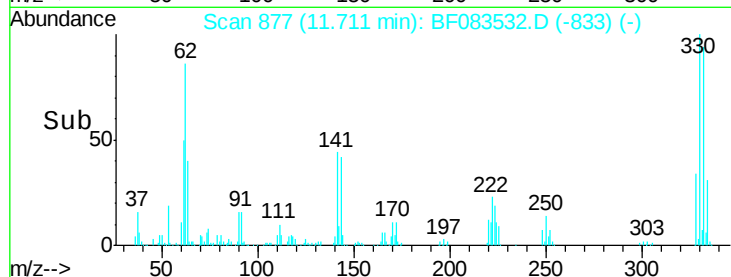
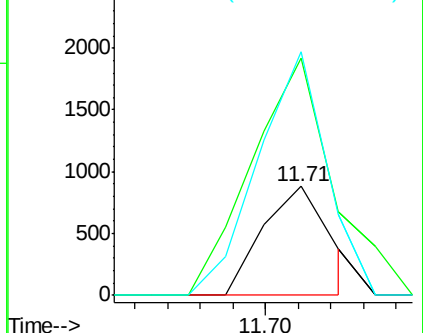
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.72 ng
 RT: 11.71 min Scan# 877
 Delta R.T. 0.21 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Instrument :
 BNA_G
 ClientSampled :
 S27-15.5

Tgt Ion:198 Resp: 1254
 Ion Ratio Lower Upper
 198 100
 51 218.7 53.8 93.8#
 105 224.1 38.6 78.6#

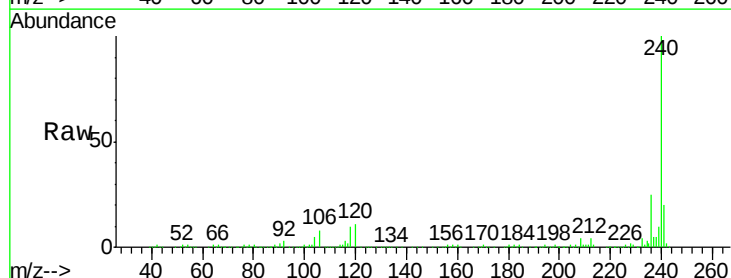


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

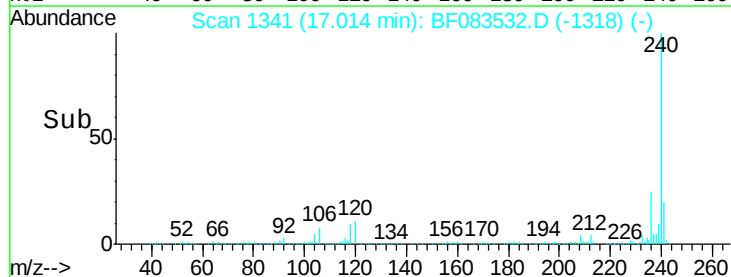
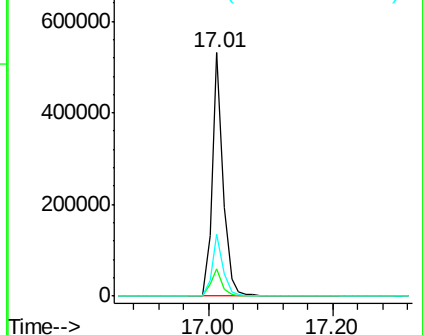


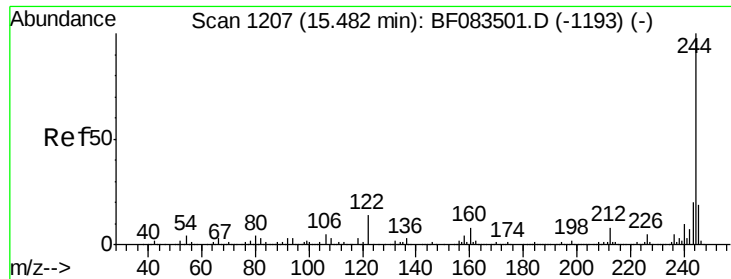
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion:240 Resp: 631640
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.1 12.1
 236 25.2 20.8 31.2



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

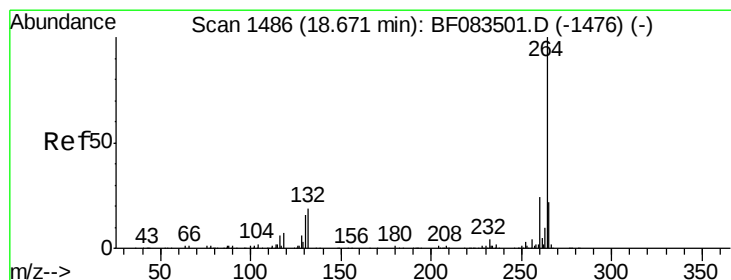
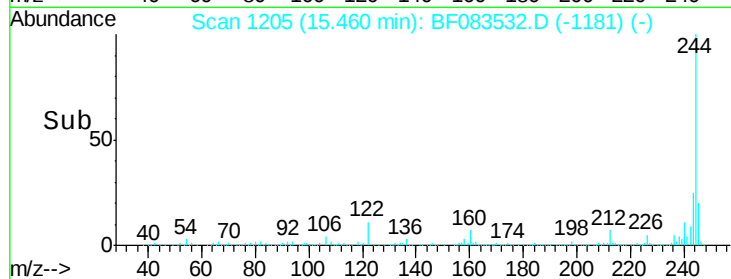
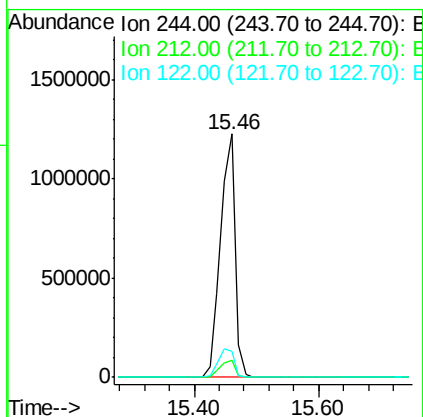
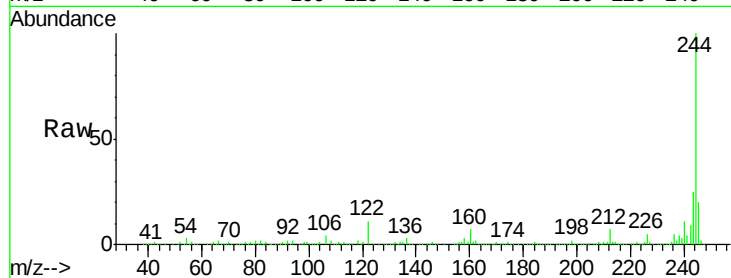




#78
 Terphenyl-d14
 Concen: 69.62 ng
 RT: 15.46 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Instrument :
 BNA_G
 ClientSampleId :
 S27-15.5

Tgt Ion:244 Resp: 1976279
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.8 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.65 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: BF083532.D
 Acq: 6 Dec 2015 20:24

Tgt Ion:264 Resp: 451651
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.3 17.8 26.6

