

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084585.D
 Acq On : 22 Jan 2016 13:18
 Operator : SJ/IZ
 Sample : PB87895BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BL

Quant Time: Jan 22 21:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

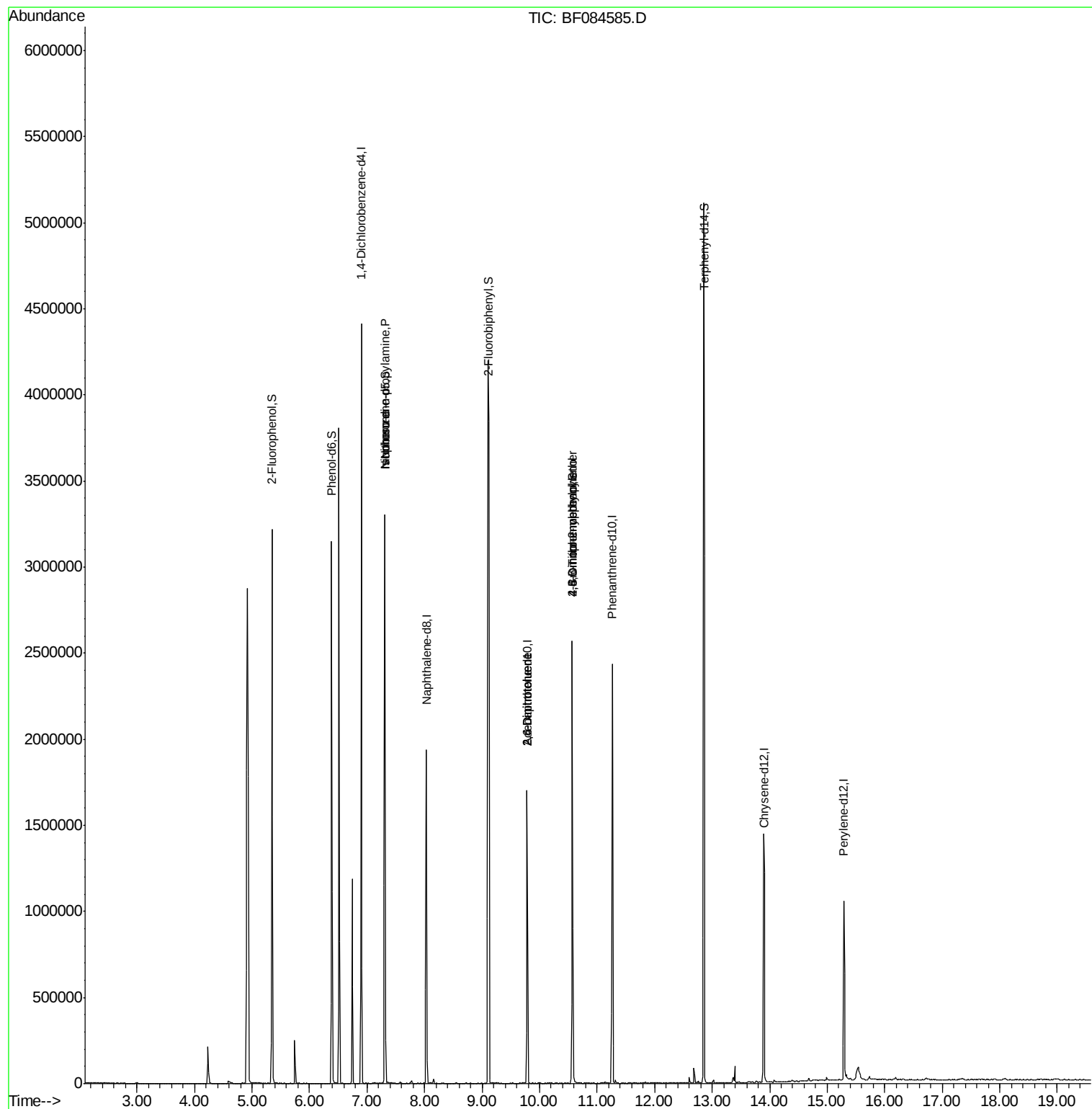
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	608043	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	878734	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	416167	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	835596	20.00	ng	-0.09
75) Chrysene-d12	13.91	240	725194	20.00	ng	-0.09
86) Perylene-d12	15.29	264	501181	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	987308	26.26	ng	-0.09
7) Phenol-d6	6.38	99	1150703	24.37	ng	-0.09
23) Nitrobenzene-d5	7.31	82	1078741	68.32	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	338273	80.51	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	2088066	88.53	ng	-0.08
78) Terphenyl-d14	12.85	244	2066079	63.59	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	152753	4.78	ng	# 71
25) Isophorone	7.31	82	813626	26.94	ng	# 66
50) 2,6-Dinitrotoluene	9.78	165	53459	8.19	ng	# 37
56) 2,4-Dinitrotoluene	9.78	165	53459	6.47	ng	# 21
57) Fluorene	10.57	166	13696	Below Cal		# 92
64) 4,6-Dinitro-2-methylphenol	10.57	198	604	6.51	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	20617	2.29	ng	# 1
73) Di-n-butylphthalate	11.84	149	7150	Below Cal		# 96

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

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Quant Time: Jan 22 21:59:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration



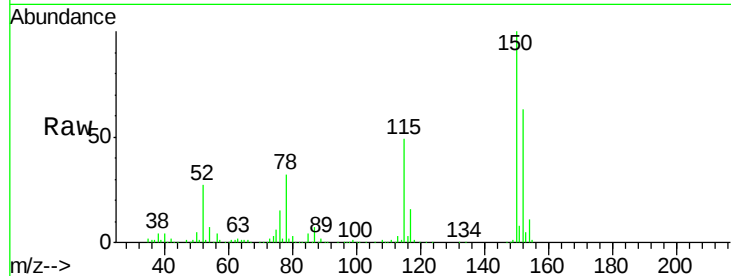


#1

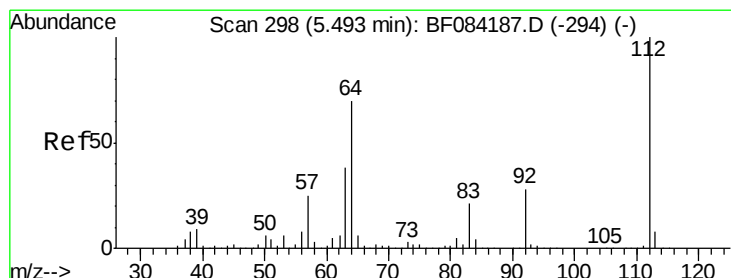
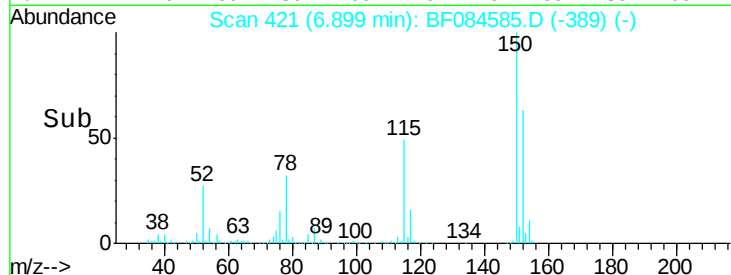
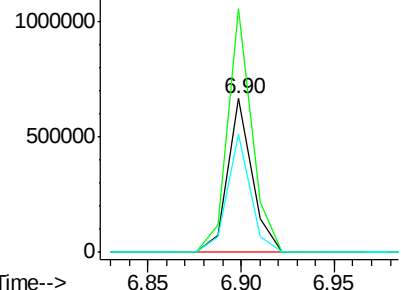
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB87895BL

Tgt Ion:152 Resp: 608043
Ion Ratio Lower Upper
152 100
150 158.2 123.0 184.4
115 77.0 51.4 77.2



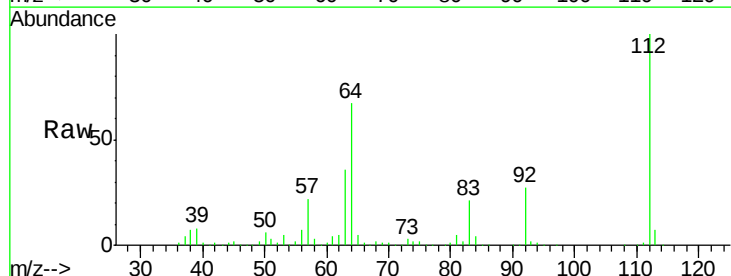
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



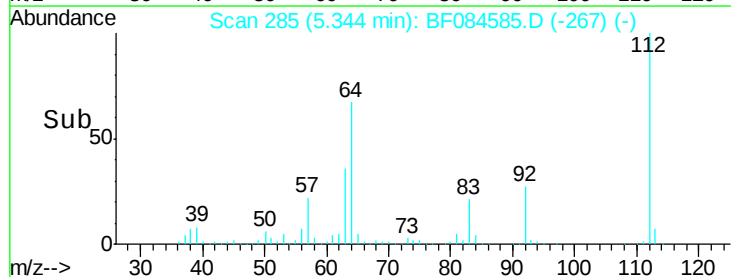
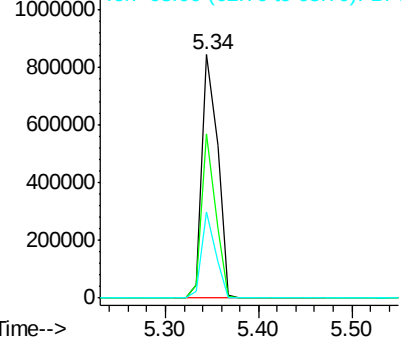
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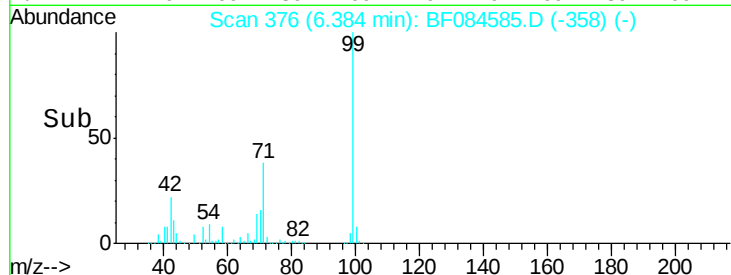
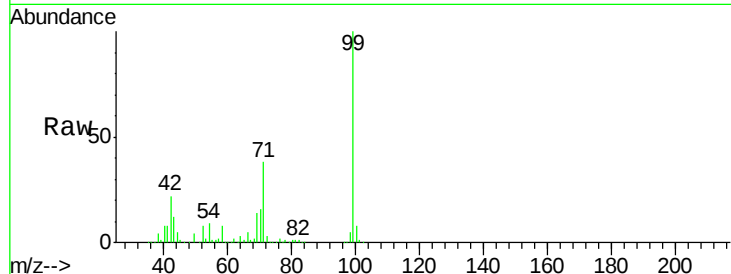
2-Fluorophenol
Concen: 26.26 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.09 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

Tgt Ion:112 Resp: 987308
Ion Ratio Lower Upper
112 100
64 67.4 36.6 55.0#
63 35.5 19.4 29.0#



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: 24.37 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.09 min

Lab File: BF084585.D

Acq: 22 Jan 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB87895BL

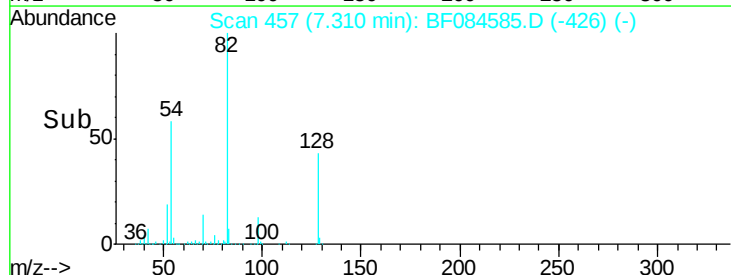
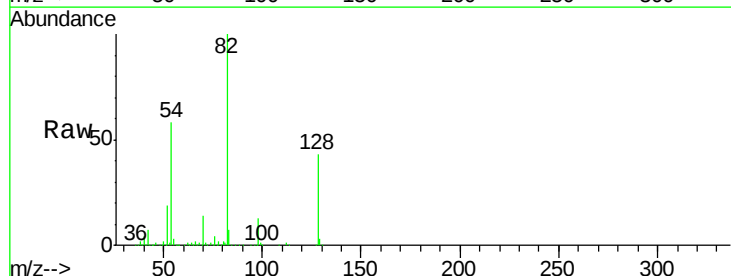
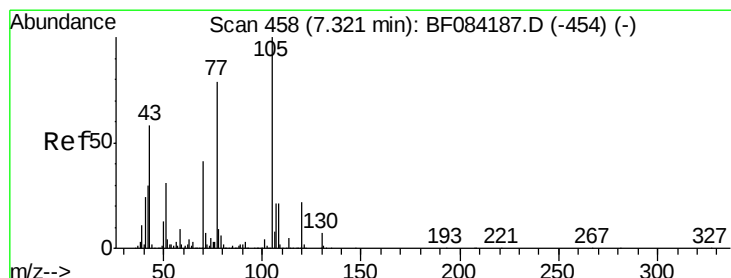
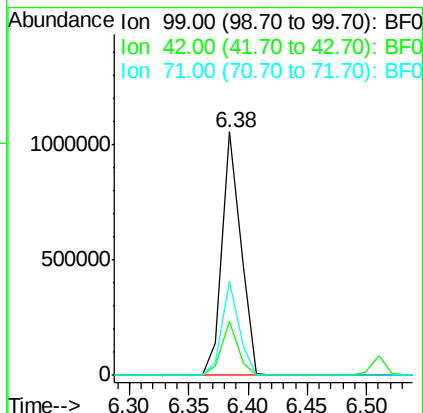
Tgt Ion: 99 Resp: 1150703

Ion Ratio Lower Upper

99 100

42 22.0 12.8 19.2#

71 38.4 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.78 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.06 min

Lab File: BF084585.D

Acq: 22 Jan 2016 13:18

Tgt Ion: 70 Resp: 152753

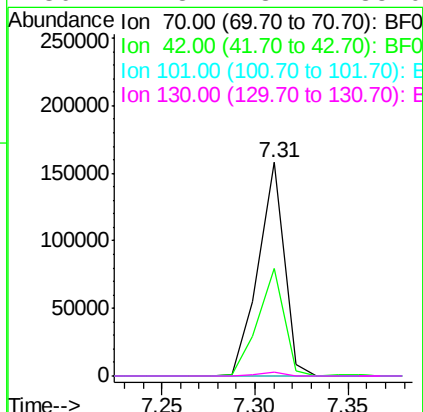
Ion Ratio Lower Upper

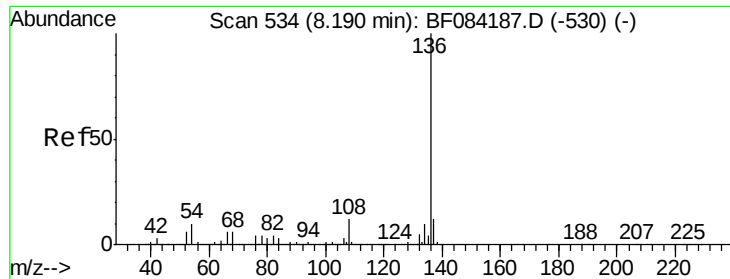
70 100

42 50.2 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084585.D

Acq: 22 Jan 2016 13:18

Instrument :

BNA_F

ClientSampleId :

PB87895BL

Tgt Ion:136 Resp: 878734

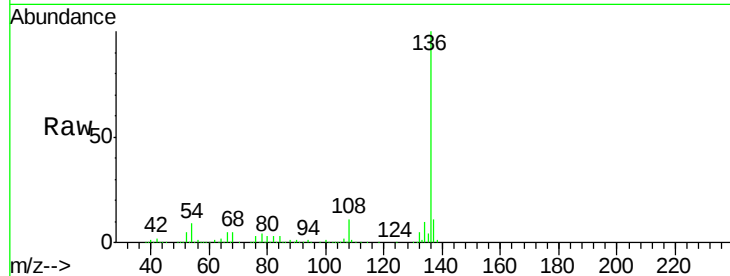
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 8.7 5.8 8.8

68 5.0 4.2 6.2

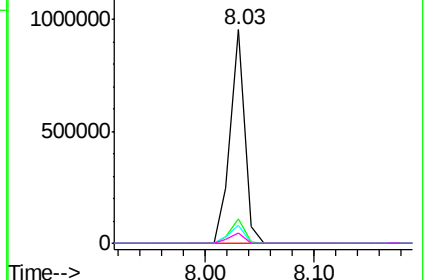
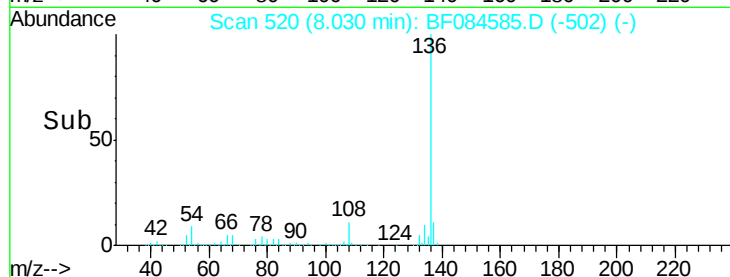


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.32 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084585.D

Acq: 22 Jan 2016 13:18

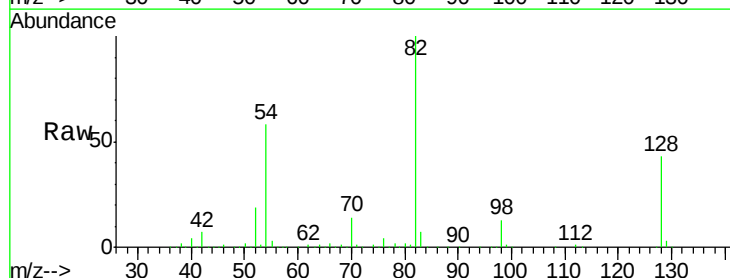
Tgt Ion: 82 Resp: 1078741

Ion Ratio Lower Upper

82 100

128 43.1 34.6 51.8

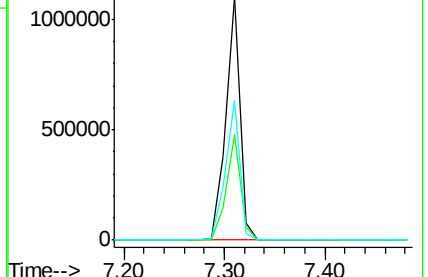
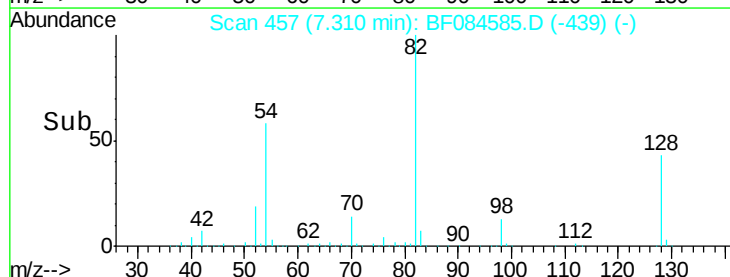
54 57.6 38.4 57.6#

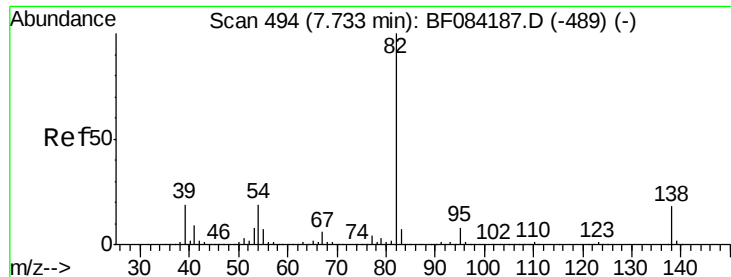


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

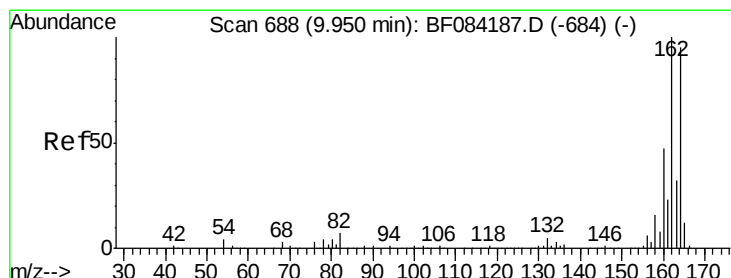
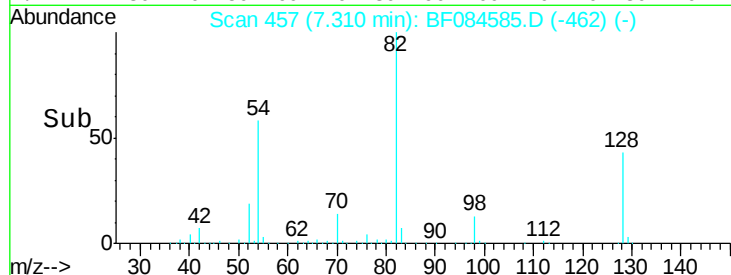
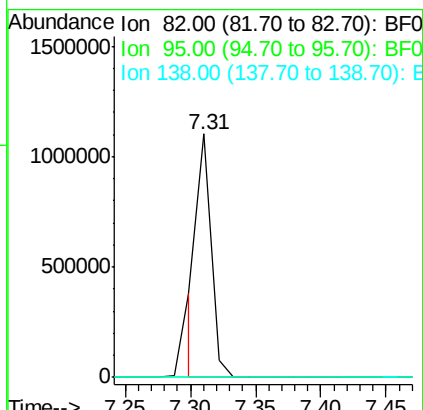
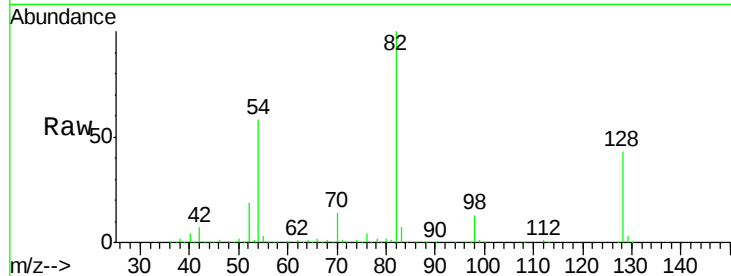




#25
Isophorone
Concen: 26.94 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.35 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

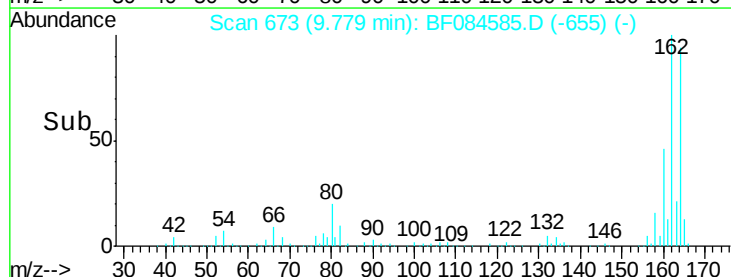
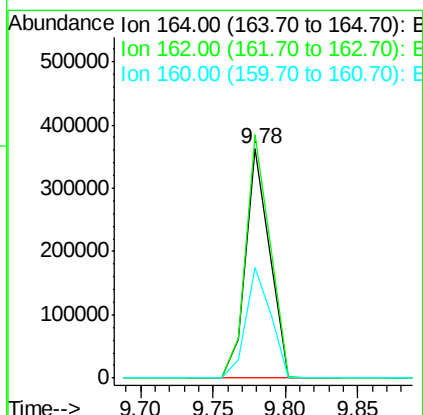
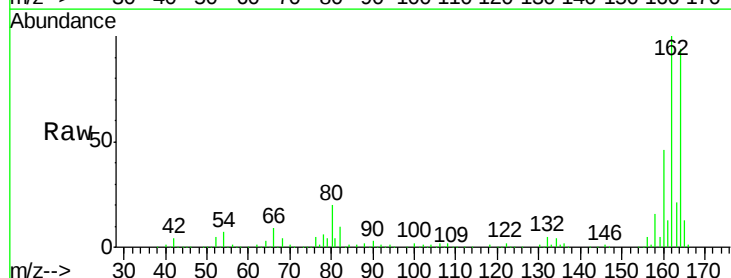
Instrument :
BNA_F
ClientSampled :
PB87895BL

Tgt Ion: 82 Resp: 813626
Ion Ratio Lower Upper
82 100
95 0.0 6.6 10.0#
138 0.0 13.6 20.4#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.09 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

Tgt Ion: 164 Resp: 416167
Ion Ratio Lower Upper
164 100
162 106.1 85.1 127.7
160 48.4 37.5 56.3

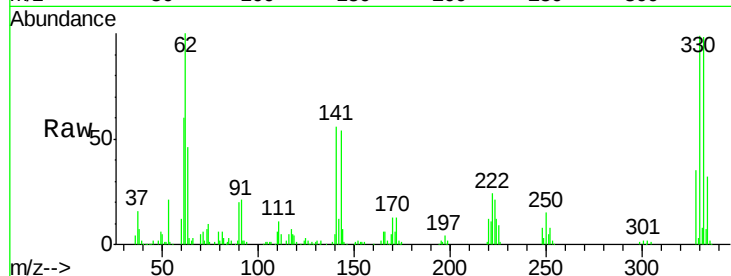




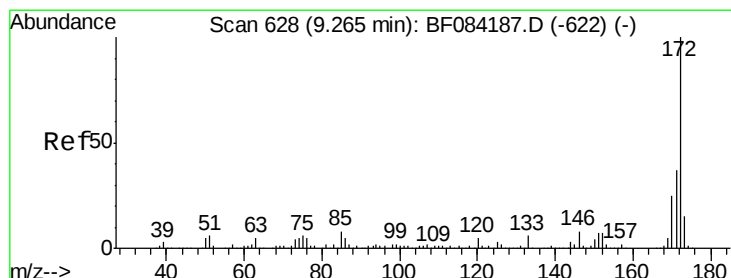
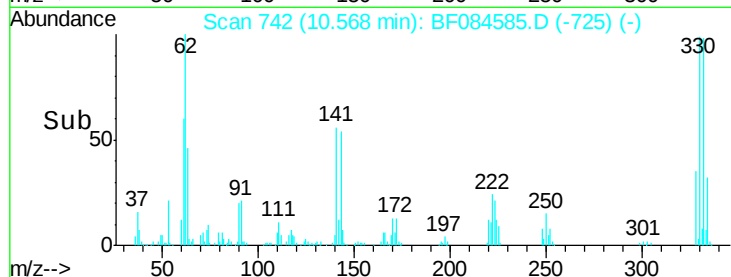
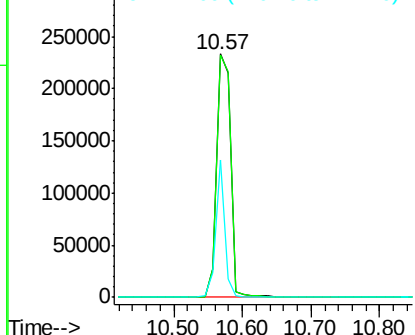
#41
 2,4,6-Tribromophenol
 Concen: 80.51 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.10 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BL

Tgt Ion:330 Resp: 338273
 Ion Ratio Lower Upper
 330 100
 332 99.9 76.6 114.8
 141 36.3 27.8 41.6

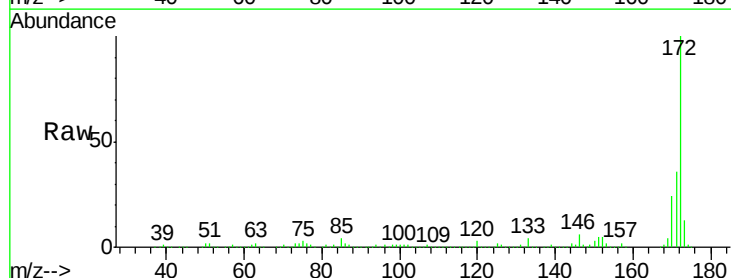


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

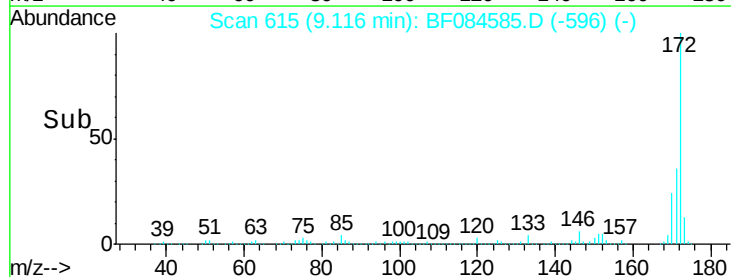
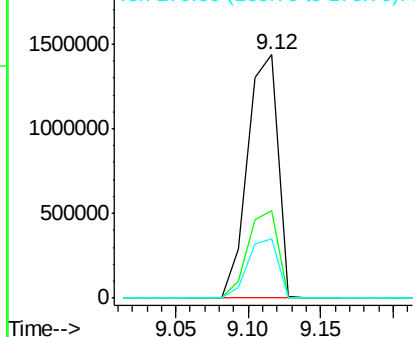


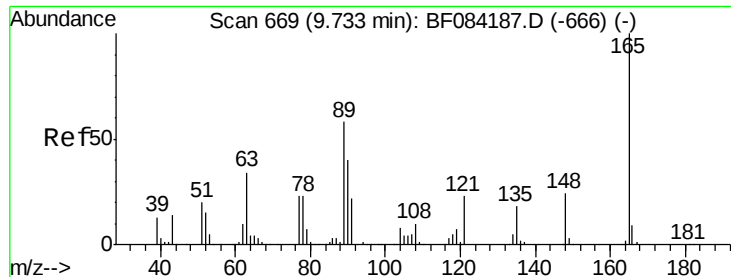
#44
 2-Fluorobiphenyl
 Concen: 88.53 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Tgt Ion:172 Resp: 2088066
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.2 18.6 27.8



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

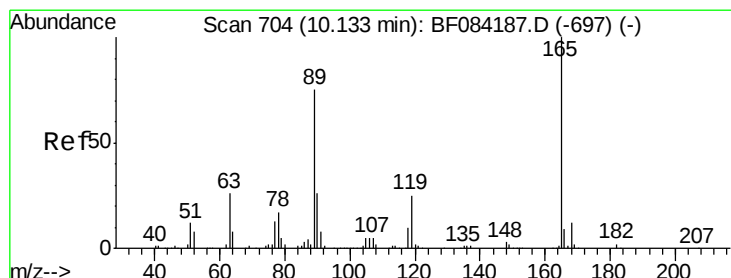
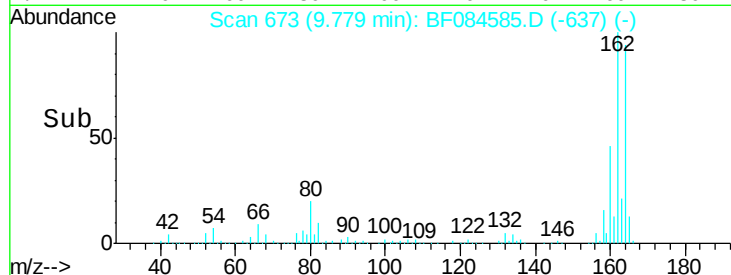
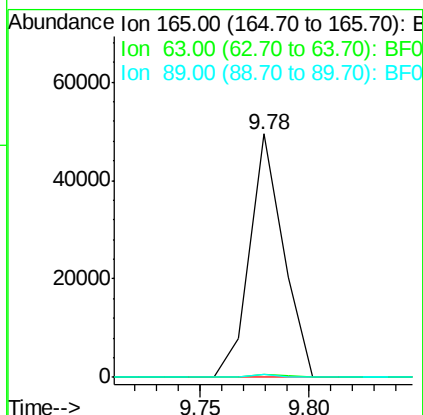
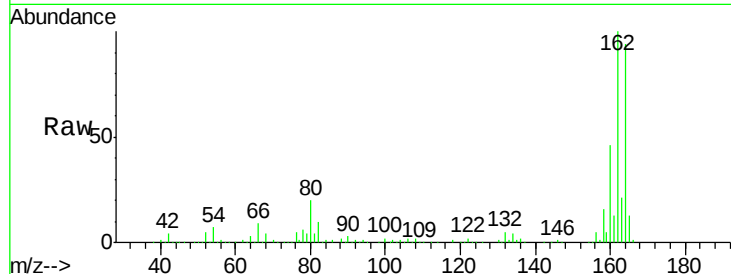




#50
 2,6-Dinitrotoluene
 Concen: 8.19 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.11 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

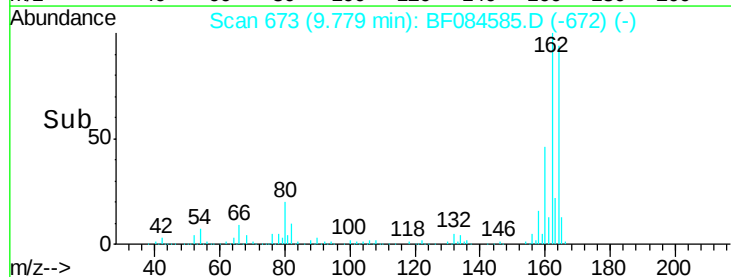
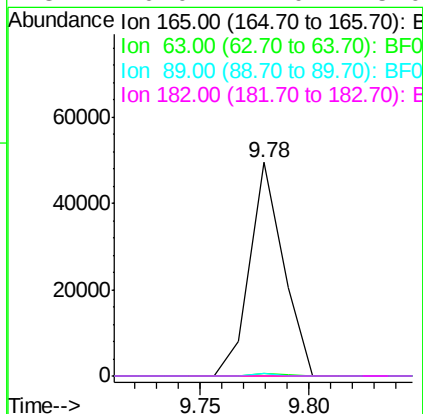
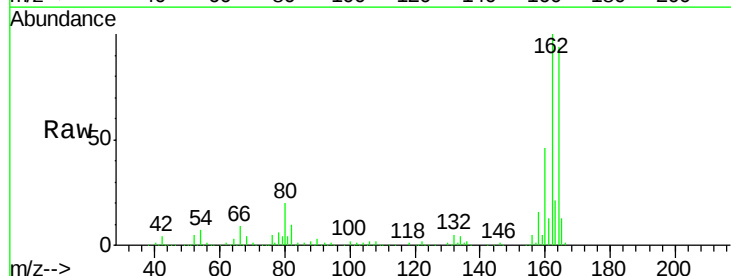
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BL

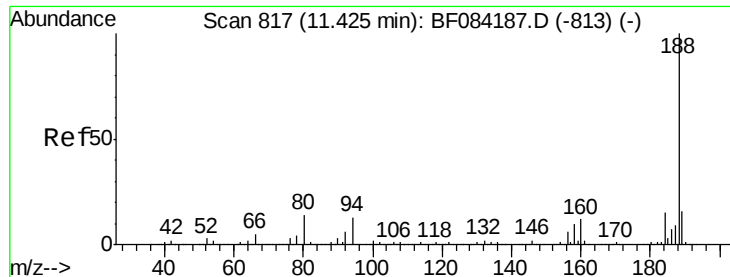
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.8	43.2#
89	1.5	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.29 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#

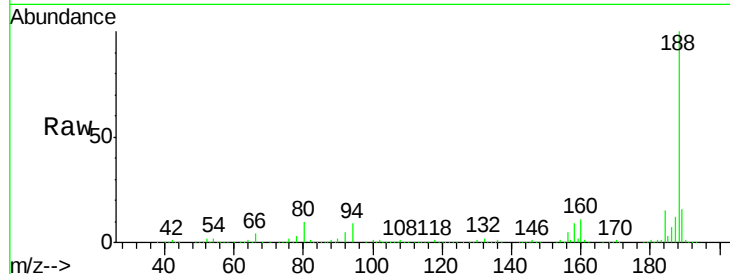




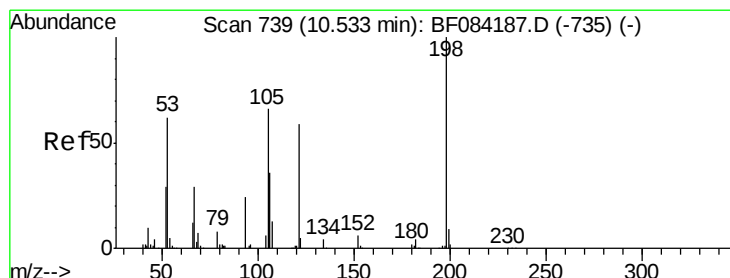
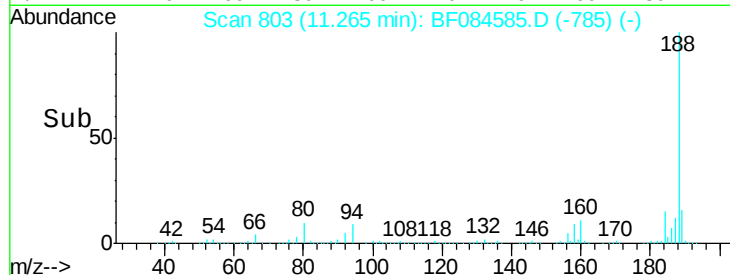
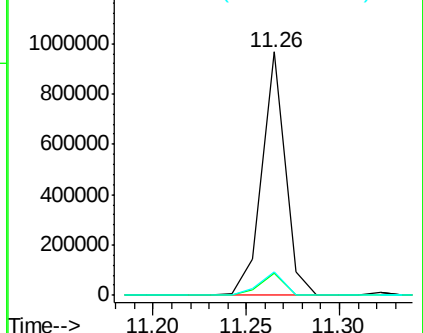
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

Instrument :
BNA_F
ClientSampleId :
PB87895BL

Tgt Ion:188 Resp: 835596
Ion Ratio Lower Upper
188 100
94 9.4 9.0 13.4
80 9.9 9.6 14.4

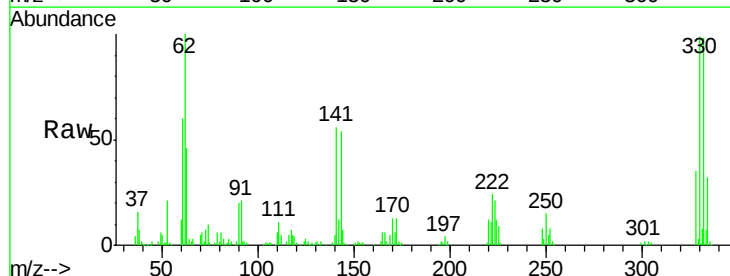


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

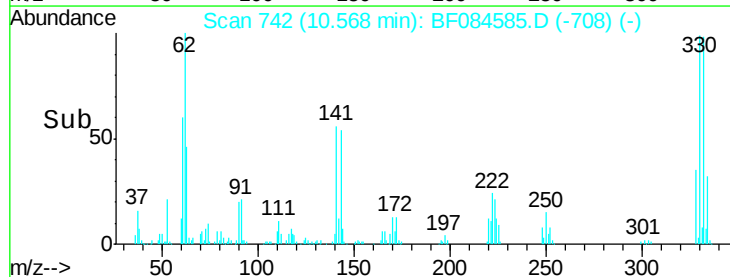
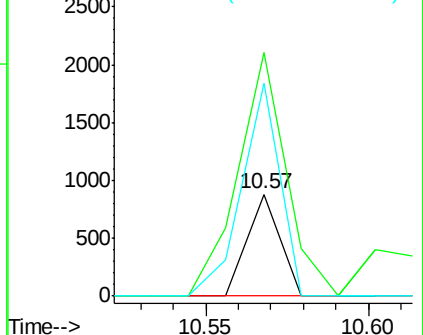


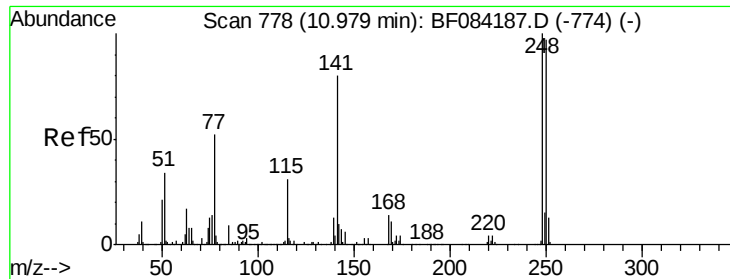
#64
4,6-Dinitro-2-methylphenol
Concen: 6.51 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.09 min
Lab File: BF084585.D
Acq: 22 Jan 2016 13:18

Tgt Ion:198 Resp: 604
Ion Ratio Lower Upper
198 100
51 238.9 18.9 58.9#
105 208.7 26.4 66.4#



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

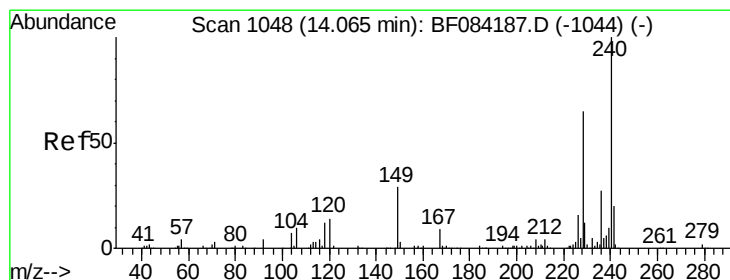
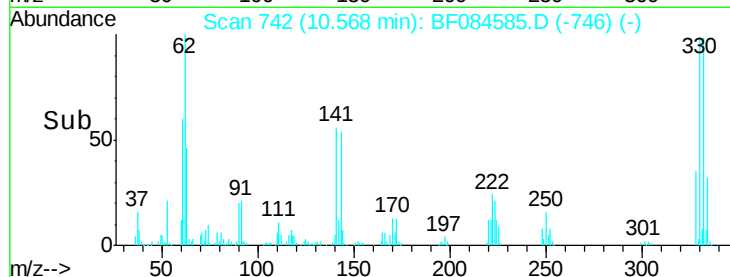
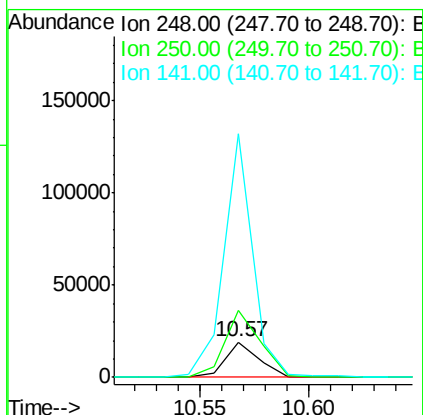
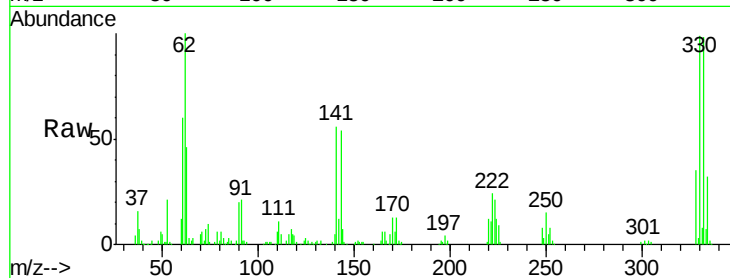




#66
 4-Bromophenyl-phenylether
 Concen: 2.29 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.34 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

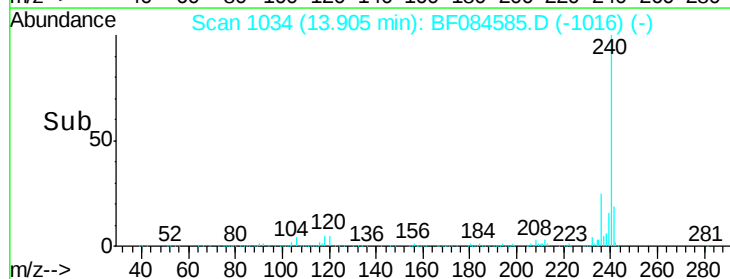
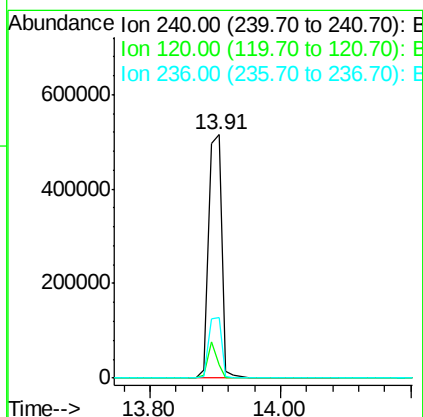
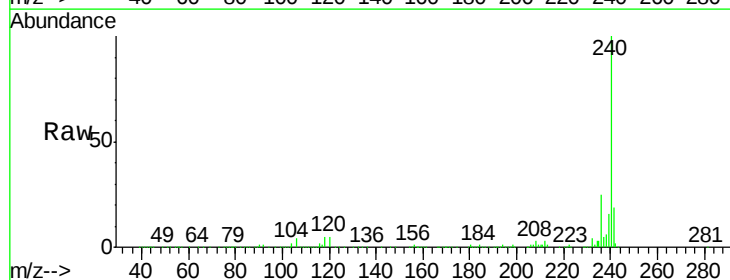
Instrument :
 BNA_F
 ClientSampleId :
 PB87895BL

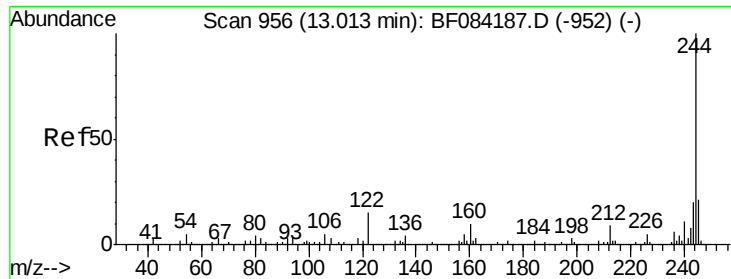
Tgt Ion:248 Resp: 20617
 Ion Ratio Lower Upper
 248 100
 250 192.0 78.4 117.6#
 141 694.6 44.0 66.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.09 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Tgt Ion:240 Resp: 725194
 Ion Ratio Lower Upper
 240 100
 120 5.5 9.5 14.3#
 236 24.8 20.6 31.0

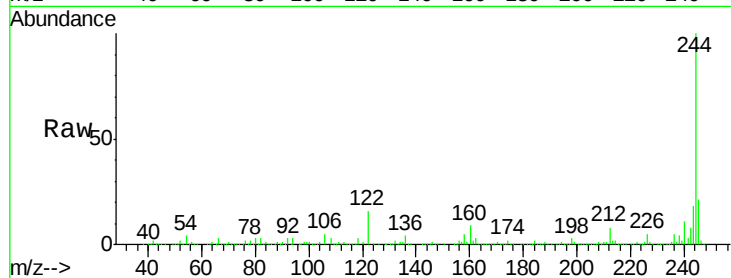




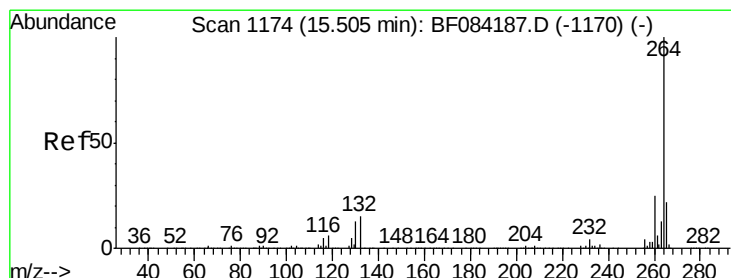
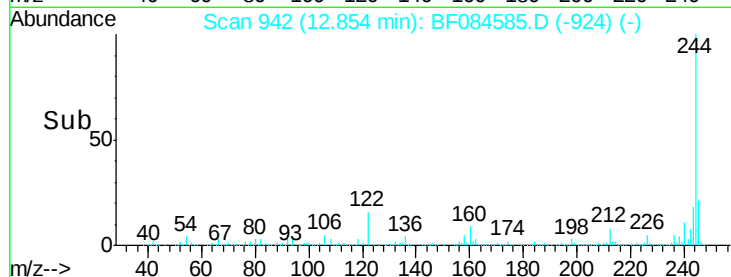
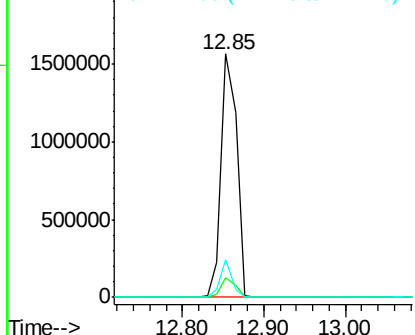
#78
 Terphenyl-d14
 Concen: 63.59 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB87895BL

Tgt Ion:244 Resp: 2066079
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 15.5 7.4 11.0#

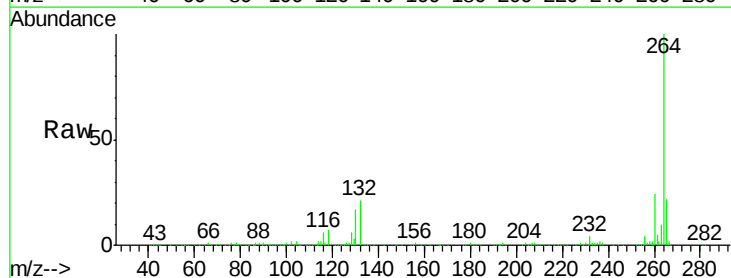


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.13 min
 Lab File: BF084585.D
 Acq: 22 Jan 2016 13:18

Tgt Ion:264 Resp: 501181
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.8 26.6



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

