

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012216\
 Data File : BF084588.D
 Acq On : 22 Jan 2016 14:41
 Operator : SJ/IZ
 Sample : PB87925BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87925BL

Quant Time: Jan 22 22:02:34 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

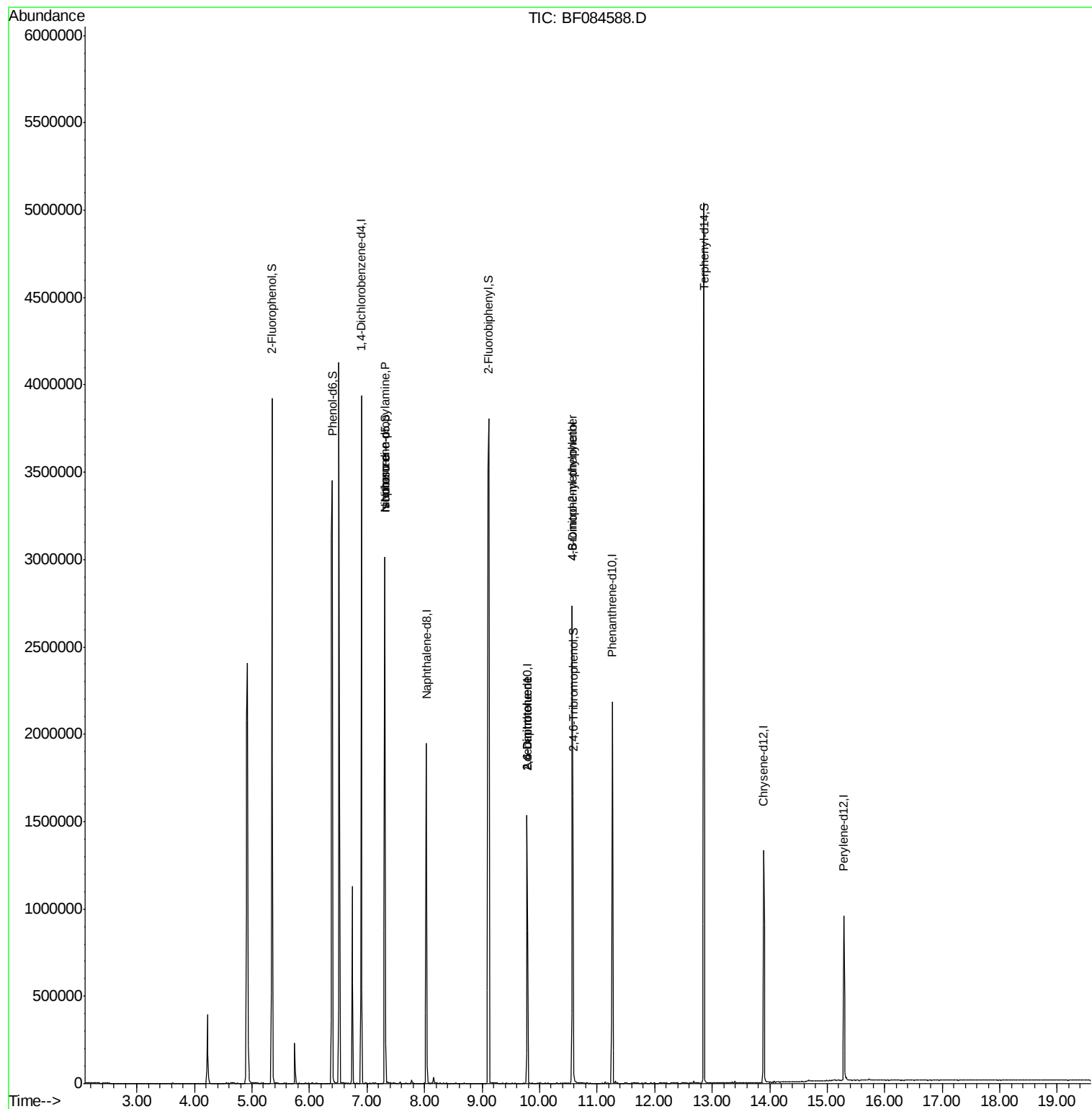
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	537043	20.00	ng	0.07
21) Naphthalene-d8	8.03	136	832516	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	374204	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	737096	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	606475	20.00	ng	-0.10
86) Perylene-d12	15.29	264	428834	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1239610	37.33	ng	-0.09
7) Phenol-d6	6.40	99	1715919	41.15	ng	-0.08
23) Nitrobenzene-d5	7.31	82	950736	63.56	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	450580	119.27	ng	-0.09
44) 2-Fluorobiphenyl	9.12	172	1836980	86.47	ng	-0.08
78) Terphenyl-d14	12.85	244	1648424	60.67	ng	-0.09
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	133402	4.73	ng	# 71
25) Isophorone	7.31	82	743622	25.99	ng	# 66
50) 2,6-Dinitrotoluene	9.78	165	46384	7.91	ng	# 37
56) 2,4-Dinitrotoluene	9.78	165	46384	6.25	ng	# 21
57) Fluorene	10.57	166	16183	Below Cal		# 89
64) 4,6-Dinitro-2-methylphenol	10.57	198	876	6.57	ng	# 1
66) 4-Bromophenyl-phenylether	10.57	248	25778	3.25	ng	# 1
73) Di-n-butylphthalate	11.84	149	3185	Below Cal		# 79

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

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Response via : Initial Calibration



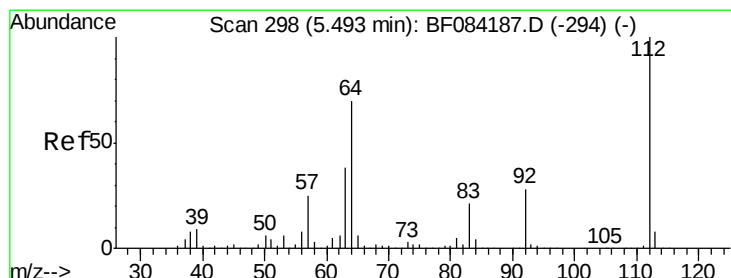
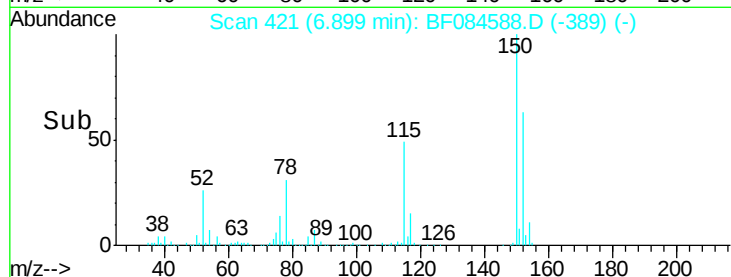
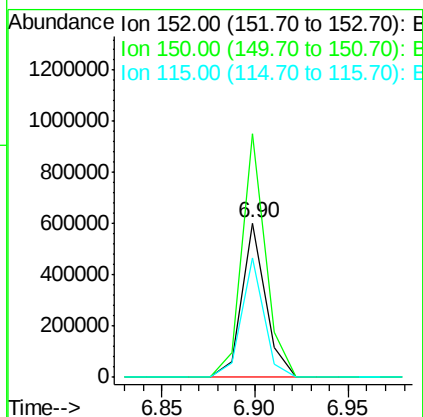
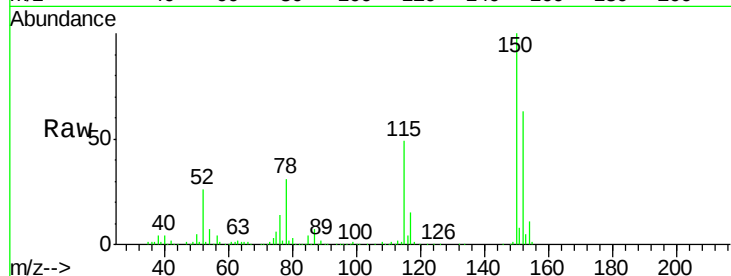


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.07 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB87925BL

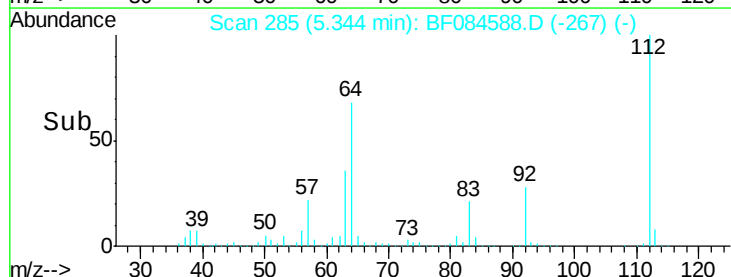
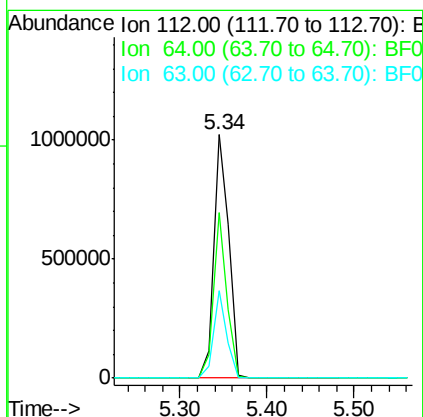
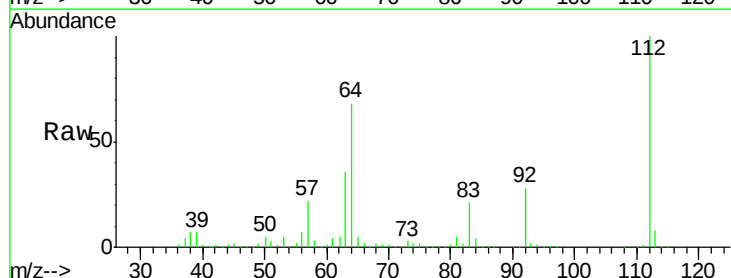
Tgt Ion:152 Resp: 537043
Ion Ratio Lower Upper
152 100
150 157.9 123.0 184.4
115 77.9 51.4 77.2#

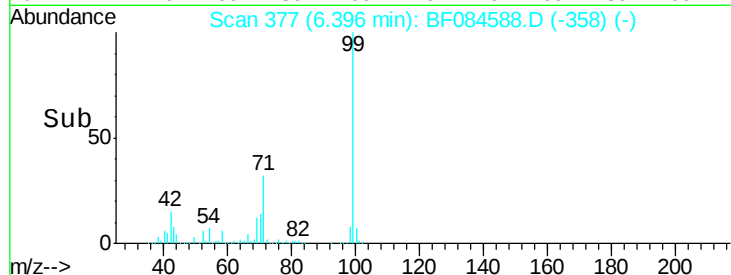
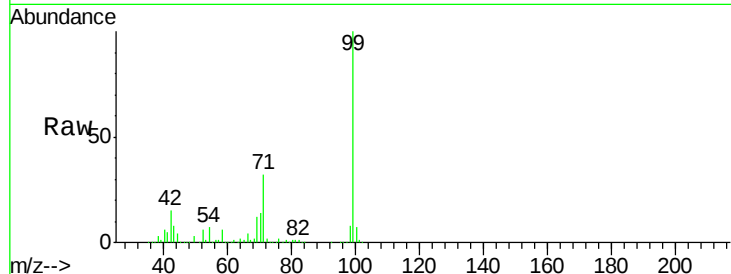


#5

2-Fluorophenol
Concen: 37.33 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.09 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Tgt Ion:112 Resp: 1239610
Ion Ratio Lower Upper
112 100
64 68.2 36.6 55.0#
63 35.9 19.4 29.0#

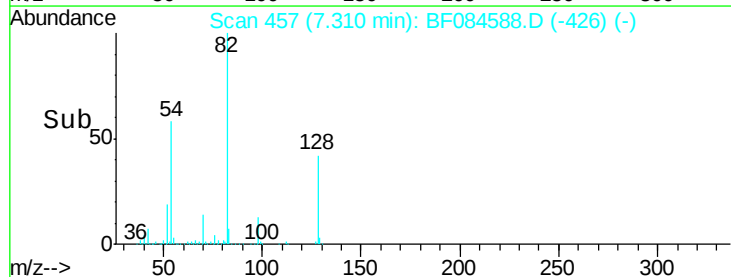
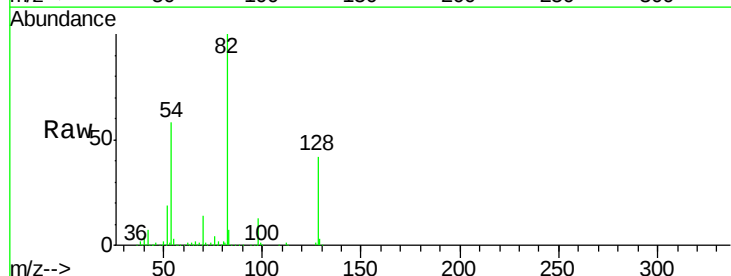
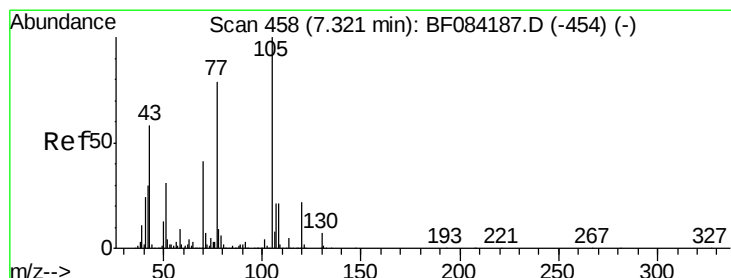
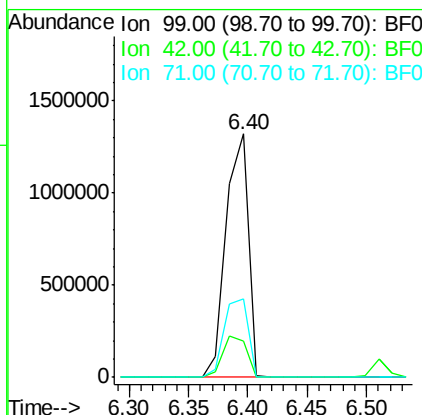




#7
Phenol-d6
Concen: 41.15 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.08 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

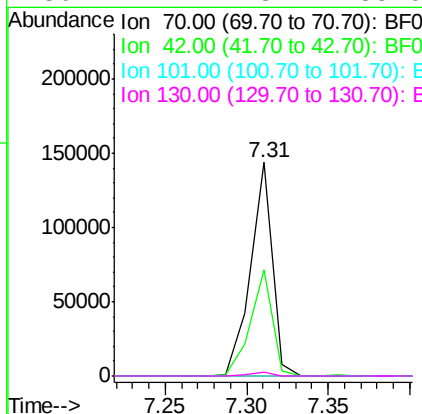
Instrument :
BNA_F
ClientSampleId :
PB87925BL

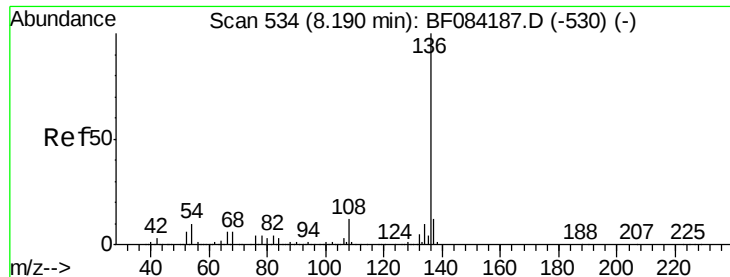
Tgt Ion: 99 Resp: 1715919
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.2 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 4.73 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.06 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Tgt Ion: 70 Resp: 133402
Ion Ratio Lower Upper
70 100
42 49.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.1 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: BF084588.D

Acq: 22 Jan 2016 14:41

Instrument :

BNA_F

ClientSampleId :

PB87925BL

Tgt Ion: 136 Resp: 832516

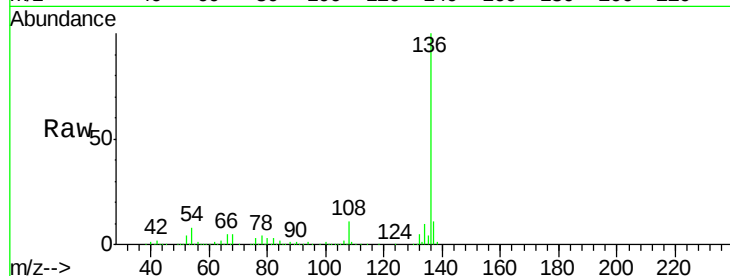
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 8.3 5.8 8.8

68 5.0 4.2 6.2

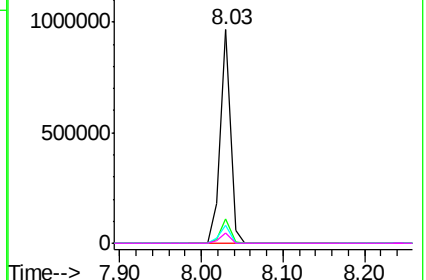
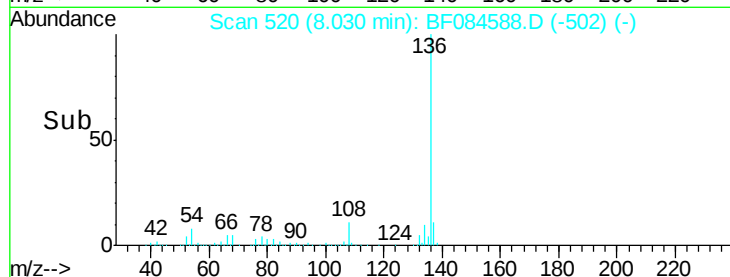


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.56 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.09 min

Lab File: BF084588.D

Acq: 22 Jan 2016 14:41

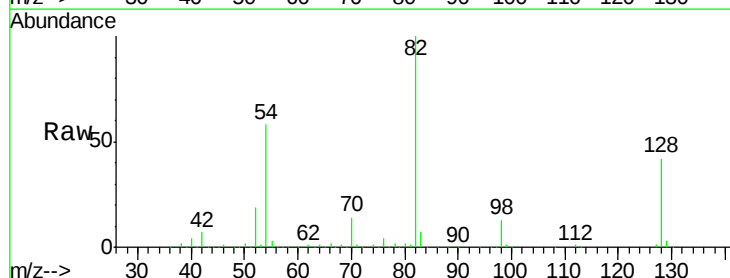
Tgt Ion: 82 Resp: 950736

Ion Ratio Lower Upper

82 100

128 41.8 34.6 51.8

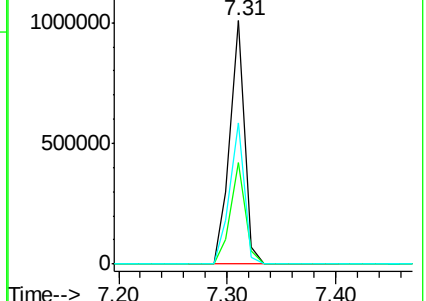
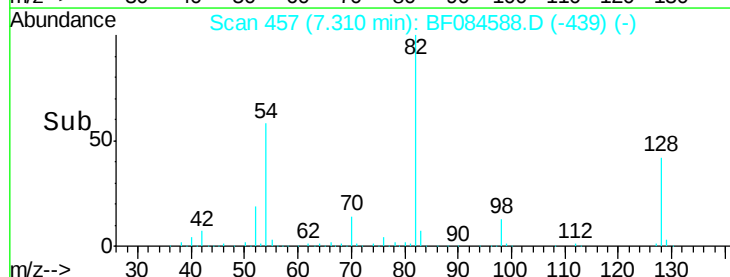
54 58.0 38.4 57.6#

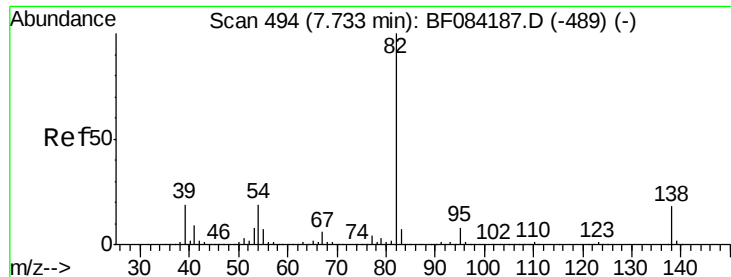


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 25.99 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.35 min

Lab File: BF084588.D

Acq: 22 Jan 2016 14:41

Instrument :

BNA_F

ClientSampleId :

PB87925BL

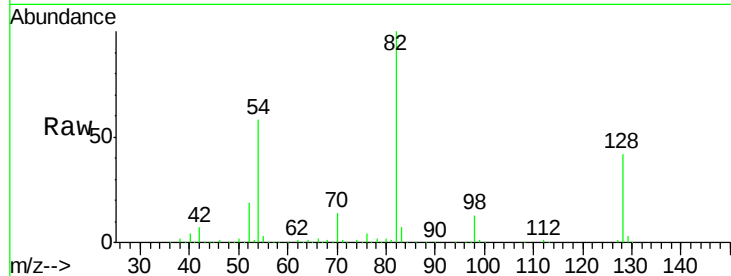
Tgt Ion: 82 Resp: 743622

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

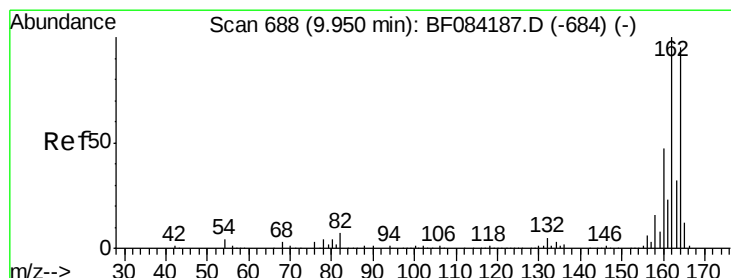
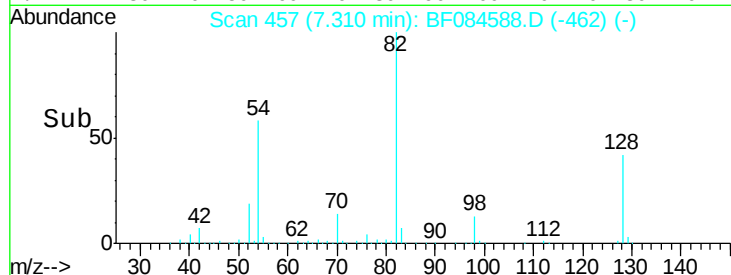
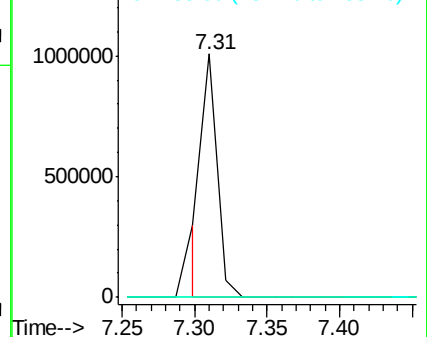
138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.09 min

Lab File: BF084588.D

Acq: 22 Jan 2016 14:41

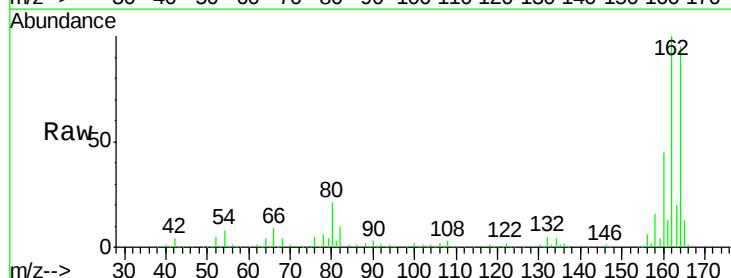
Tgt Ion: 164 Resp: 374204

Ion Ratio Lower Upper

164 100

162 105.1 85.1 127.7

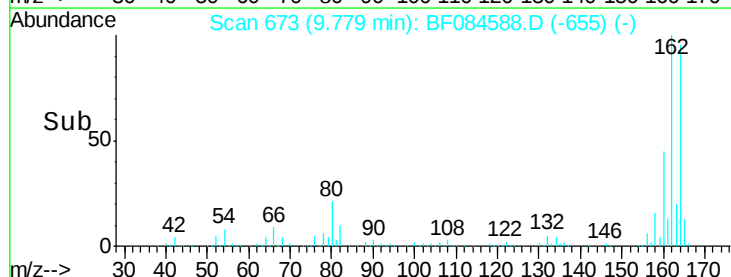
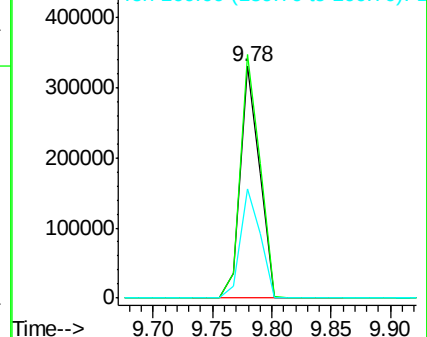
160 47.0 37.5 56.3



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

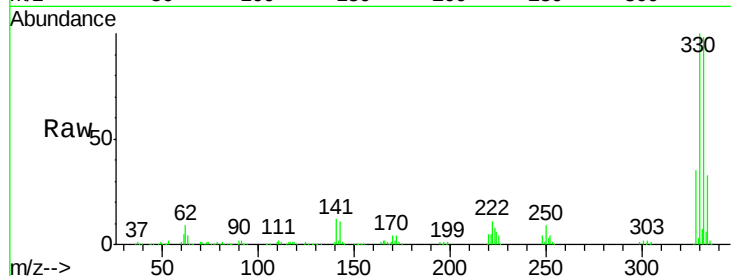




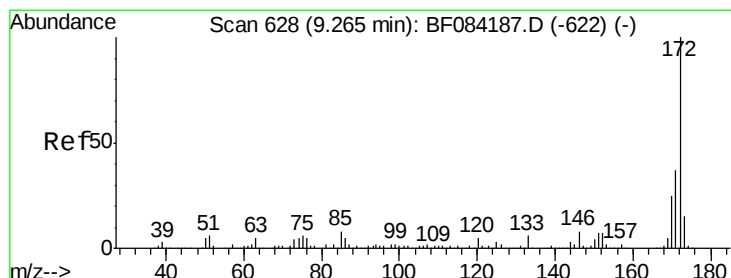
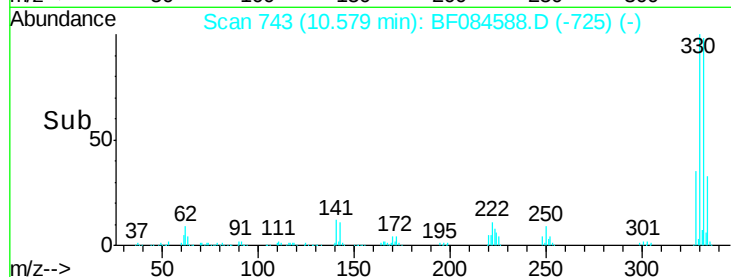
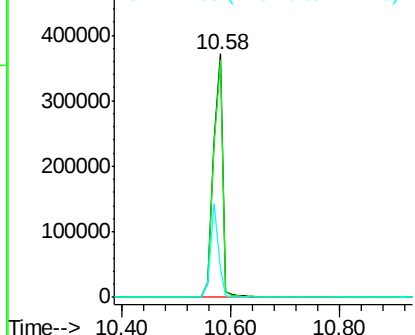
#41
 2,4,6-Tribromophenol
 Concen: 119.27 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.09 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87925BL

Tgt Ion:330 Resp: 450580
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 32.6 27.8 41.6

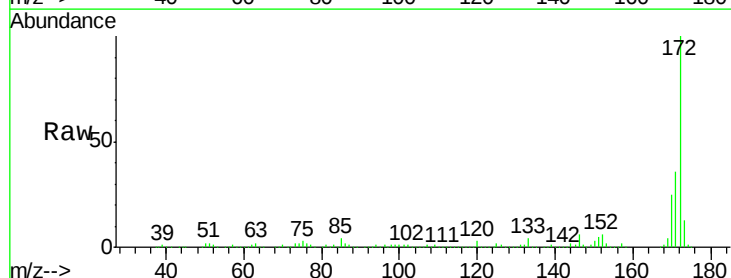


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

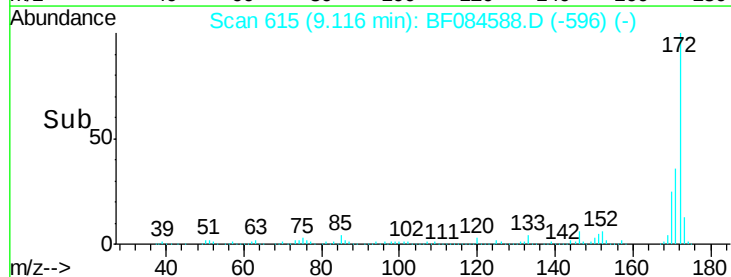
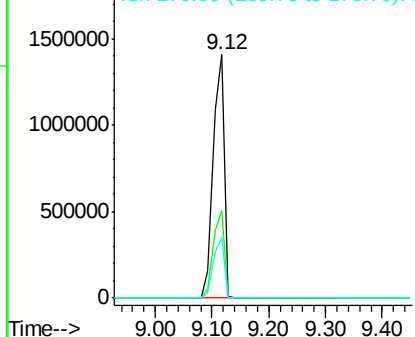


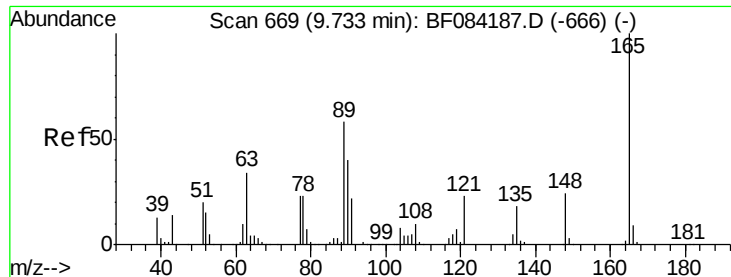
#44
 2-Fluorobiphenyl
 Concen: 86.47 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.08 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

Tgt Ion:172 Resp: 1836980
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.9 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

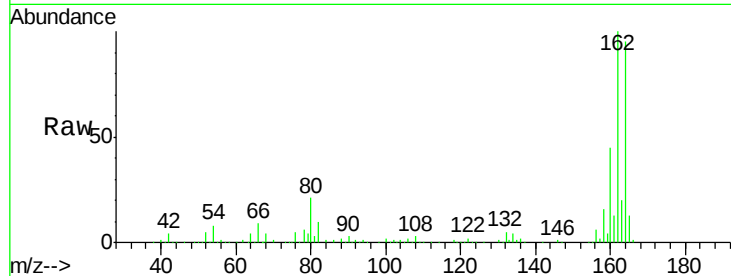




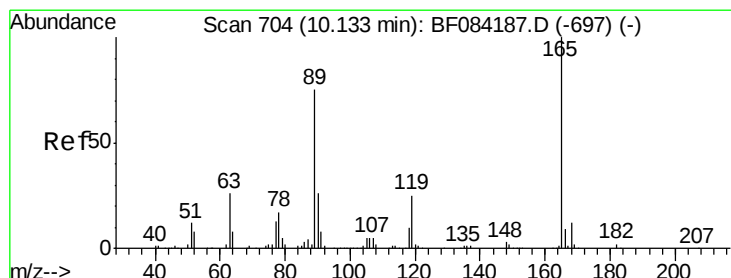
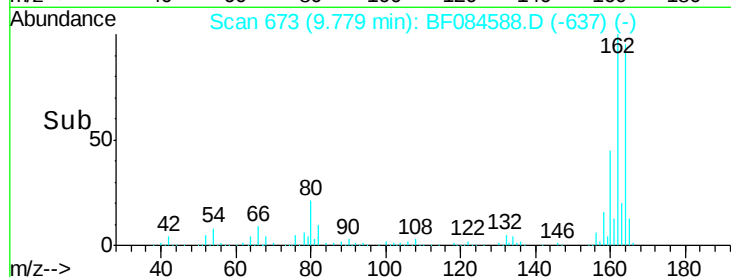
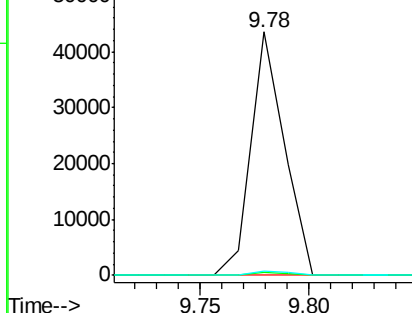
#50
 2,6-Dinitrotoluene
 Concen: 7.91 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.11 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

Instrument :
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 PB87925BL

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

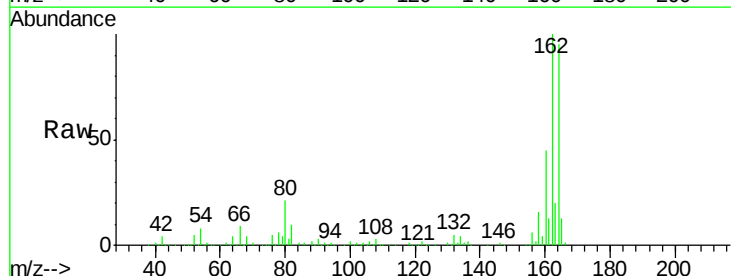


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

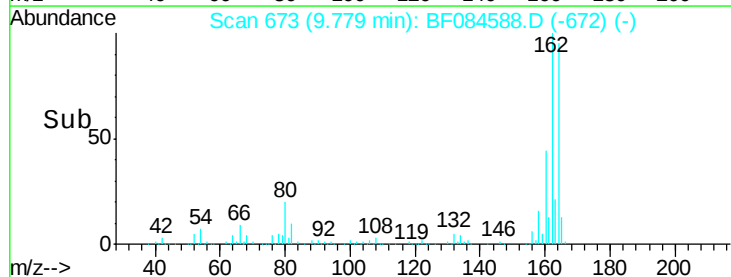
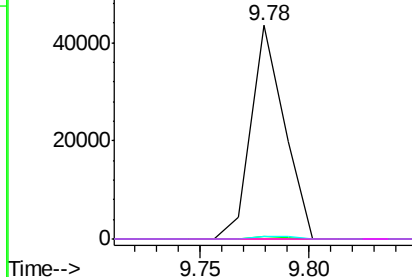


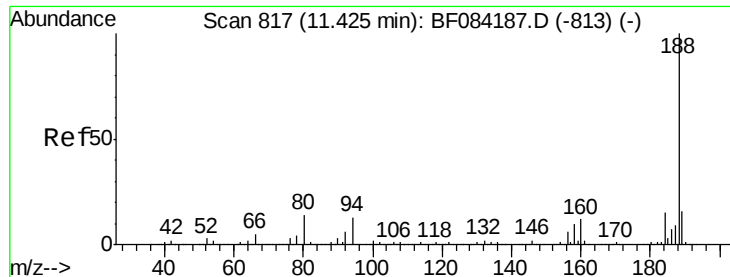
#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.29 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

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#



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

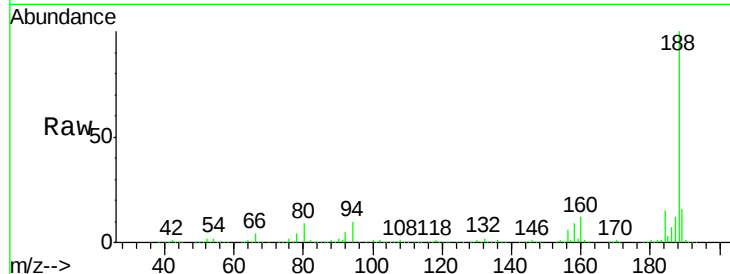




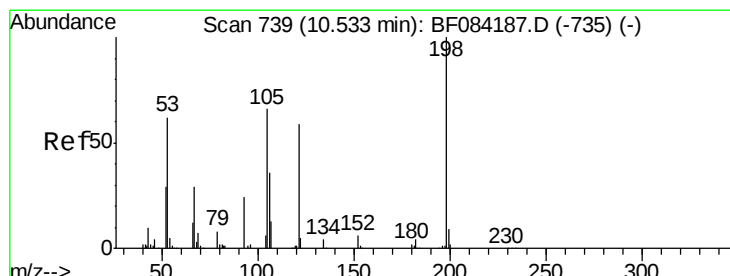
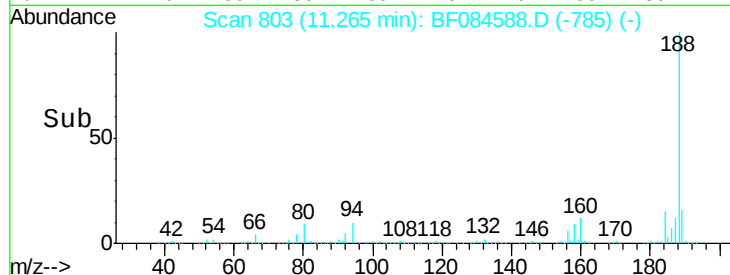
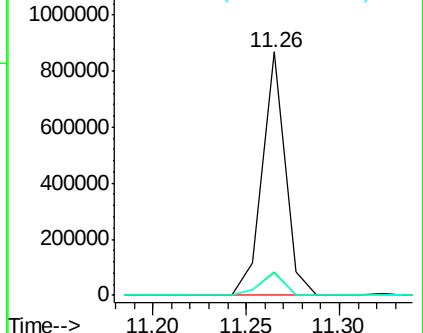
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

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ClientSampleId :
PB87925BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.0	13.4
80	9.3	9.6	14.4#

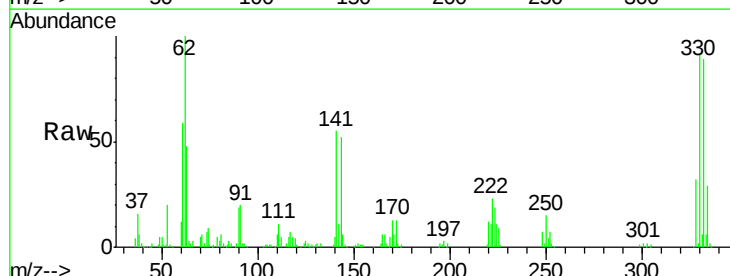


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

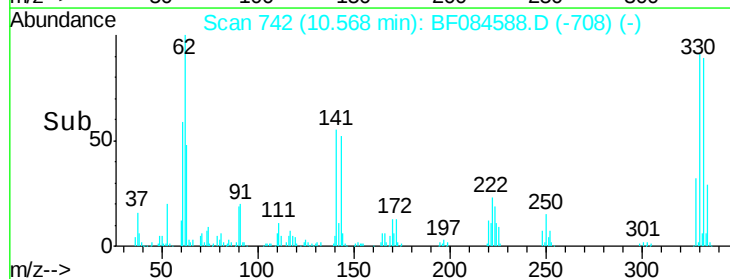
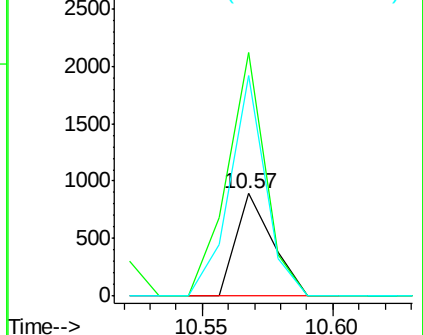


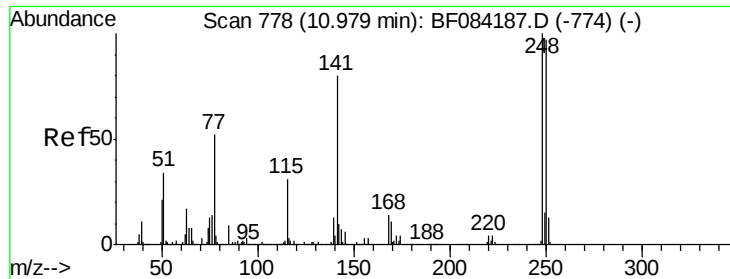
#64
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.57 min Scan# 742
Delta R.T. 0.09 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Tgt Ion	Ratio	Lower	Upper
198	100		
51	237.4	18.9	58.9#
105	215.2	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

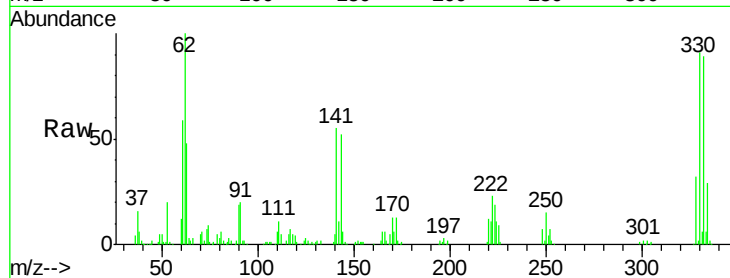




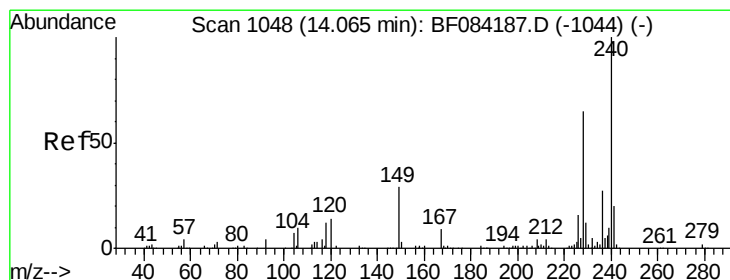
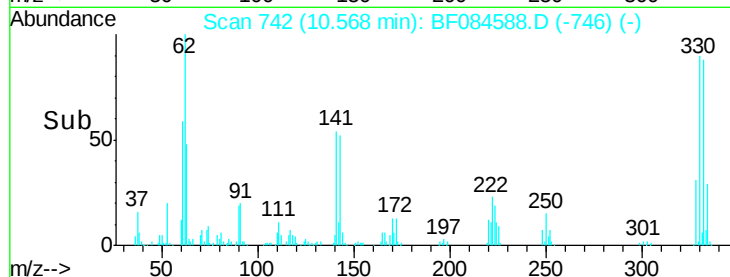
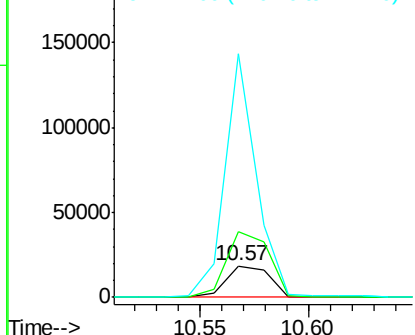
#66
4-Bromophenyl-phenylether
Concen: 3.25 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.34 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Instrument :
BNA_F
ClientSampleId :
PB87925BL

Tgt Ion:248 Resp: 25778
Ion Ratio Lower Upper
248 100
250 208.4 78.4 117.6#
141 768.5 44.0 66.0#

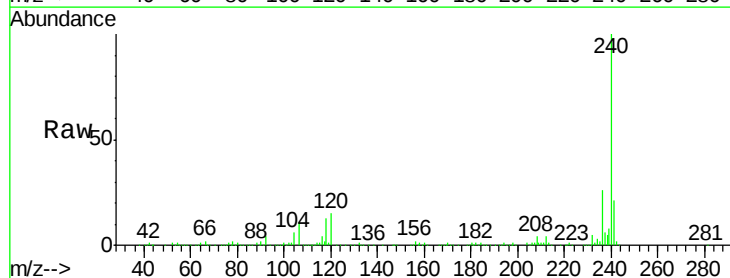


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

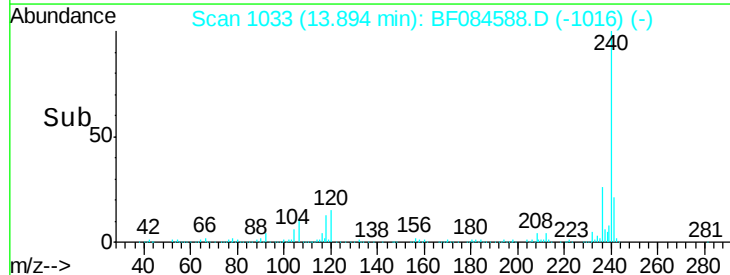
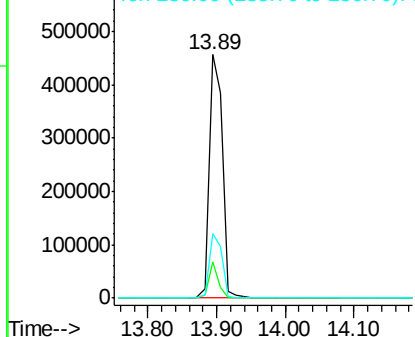


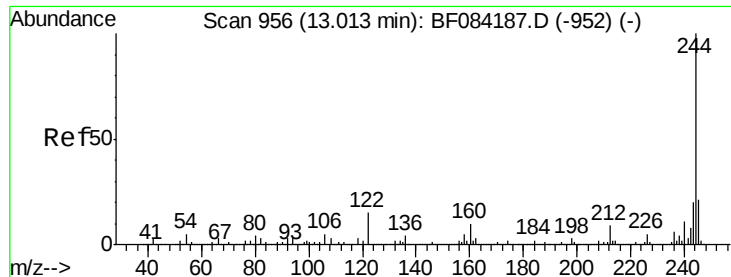
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084588.D
Acq: 22 Jan 2016 14:41

Tgt Ion:240 Resp: 606475
Ion Ratio Lower Upper
240 100
120 14.8 9.5 14.3#
236 26.4 20.6 31.0



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

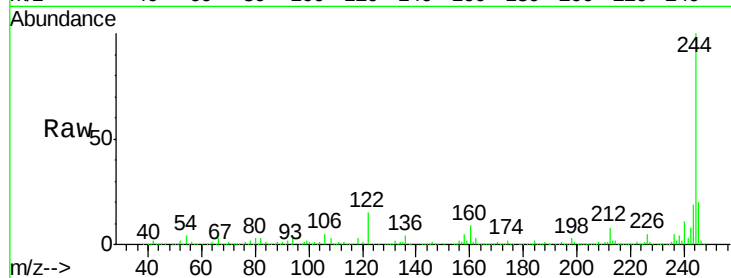




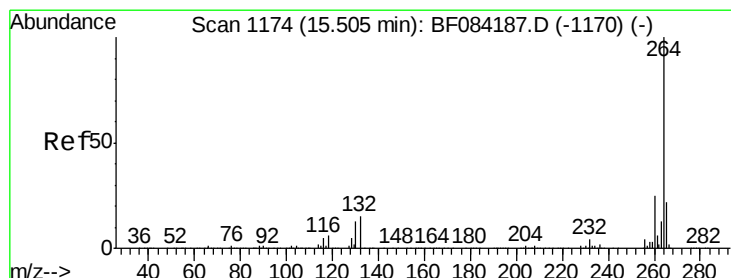
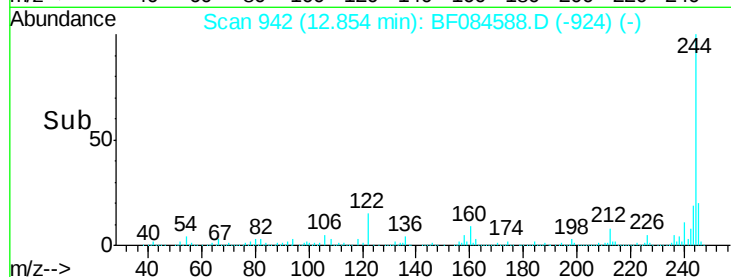
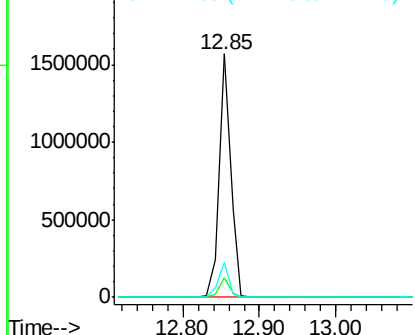
#78
 Terphenyl-d14
 Concen: 60.67 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.09 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB87925BL

Tgt Ion:244 Resp: 1648424
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.6 7.4 11.0#

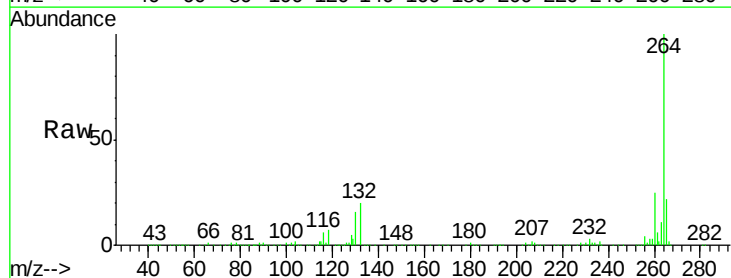


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.13 min
 Lab File: BF084588.D
 Acq: 22 Jan 2016 14:41

Tgt Ion:264 Resp: 428834
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 21.8 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

