

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021116\
 Data File : BF085013.D
 Acq On : 11 Feb 2016 12:33
 Operator : SJ/IZ
 Sample : PB88279BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88279BL

Quant Time: Feb 11 16:03:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

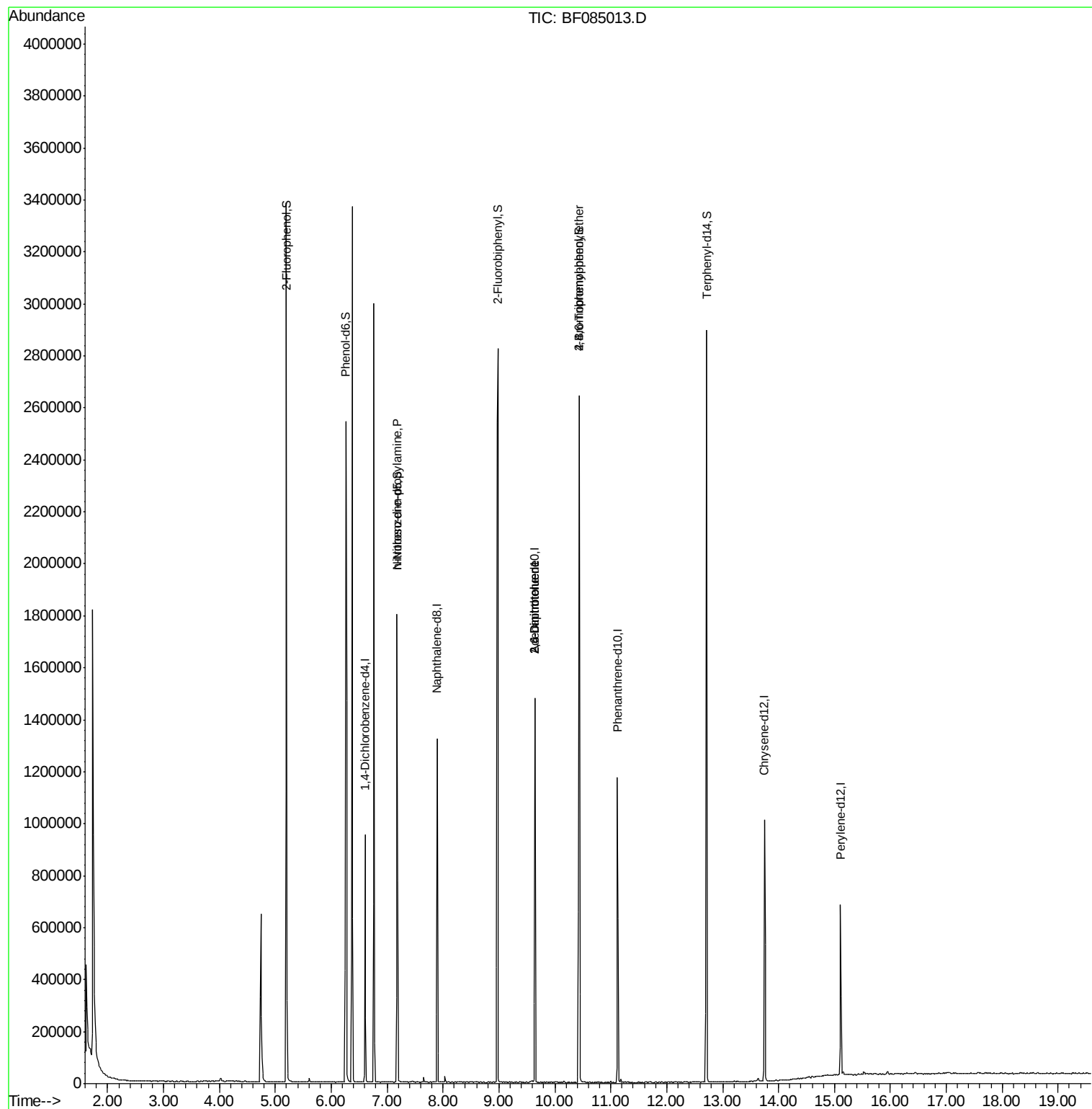
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	135549	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	580680	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	287829	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	512455	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	414594	20.00	ng	-0.02
86) Perylene-d12	15.11	264	287892	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	934819	107.42	ng	0.00
7) Phenol-d6	6.26	99	1120198	103.83	ng	-0.02
23) Nitrobenzene-d5	7.18	82	682798	66.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	298503	99.42	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1374877	78.35	ng	-0.01
78) Terphenyl-d14	12.72	244	1419477	77.58	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	89904	13.29	ng	# 70
50) 2,6-Dinitrotoluene	9.64	165	38244	7.99	ng	# 37
56) 2,4-Dinitrotoluene	9.64	165	38244	6.26	ng	# 21
66) 4-Bromophenyl-phenylether	10.43	248	18364	3.24	ng	# 1

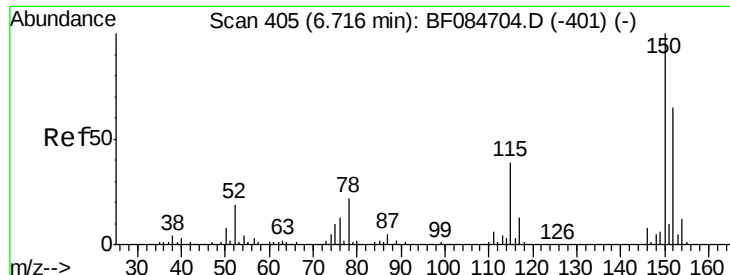
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085013.D

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Instrument :

BNA_F

ClientSampleId :

PB88279BL

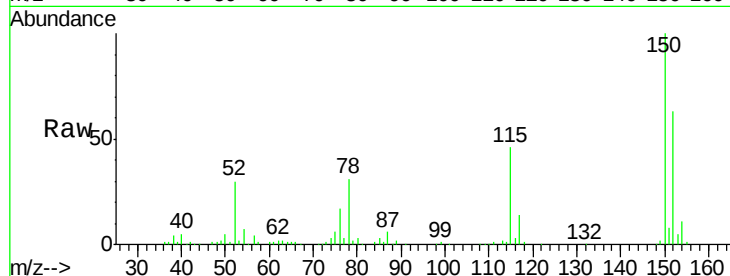
Tgt Ion:152 Resp: 135549

Ion Ratio Lower Upper

152 100

150 159.9 123.0 184.4

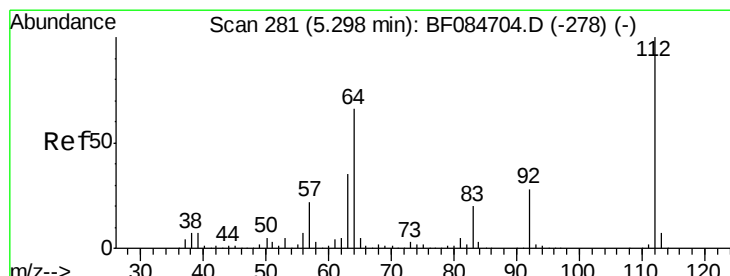
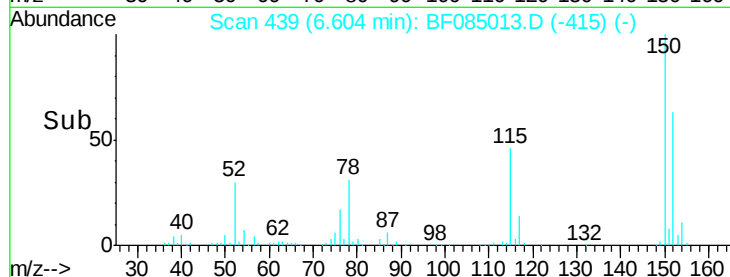
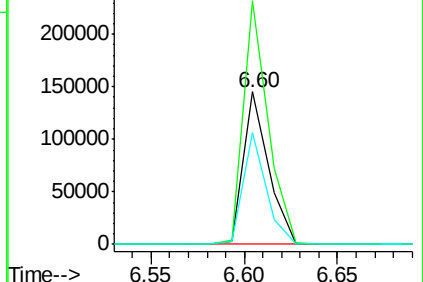
115 73.5 51.4 77.2



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



#5

2-Fluorophenol

Concen: 107.42 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

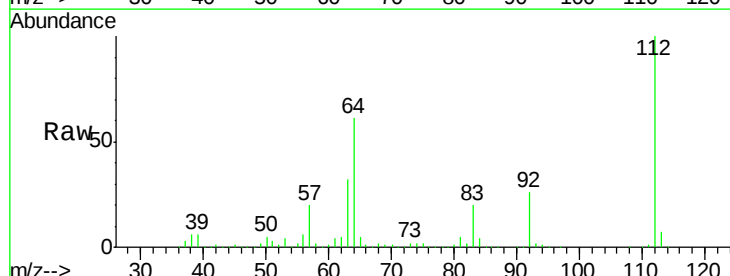
Tgt Ion:112 Resp: 934819

Ion Ratio Lower Upper

112 100

64 61.0 36.6 55.0#

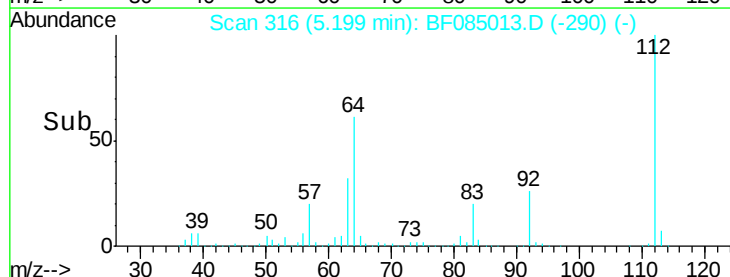
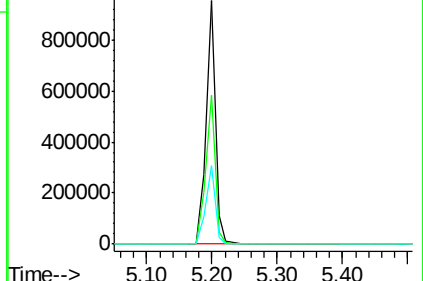
63 32.0 19.4 29.0#



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: 103.83 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB88279BL

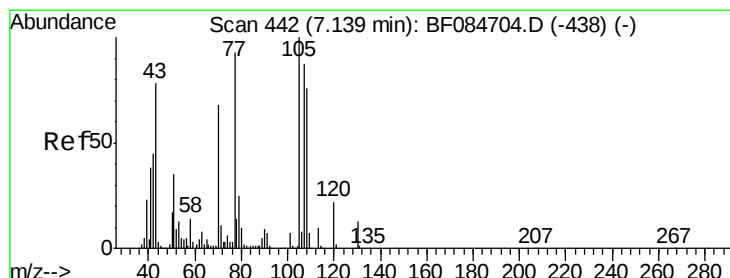
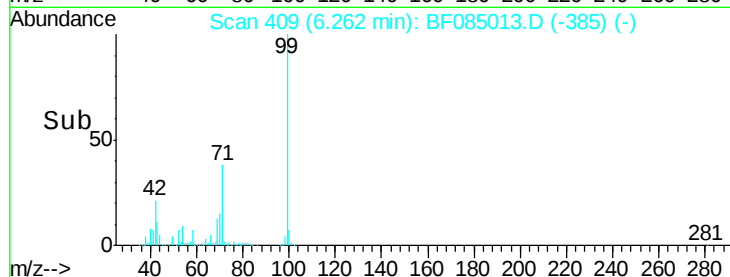
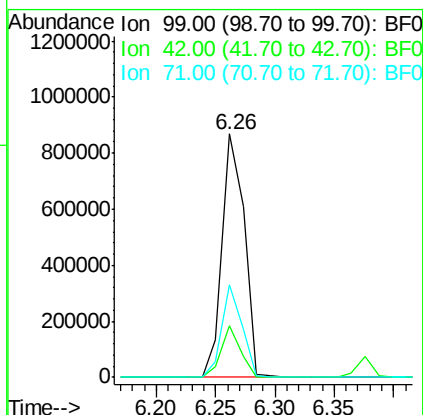
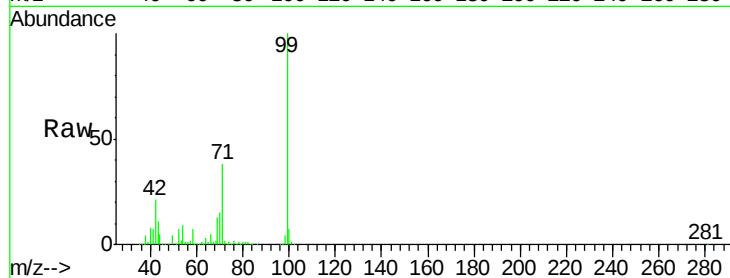
Tgt Ion: 99 Resp: 1120198

Ion Ratio Lower Upper

99 100

42 21.2 12.8 19.2#

71 38.0 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.29 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.11 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Tgt Ion: 70 Resp: 89904

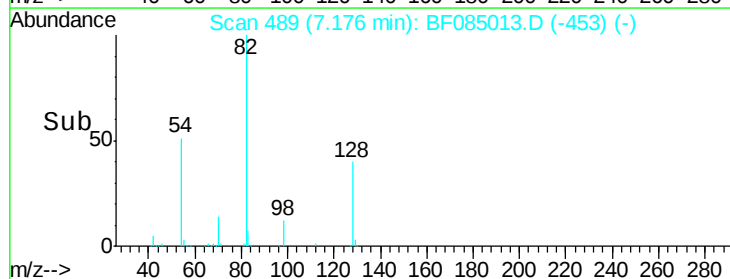
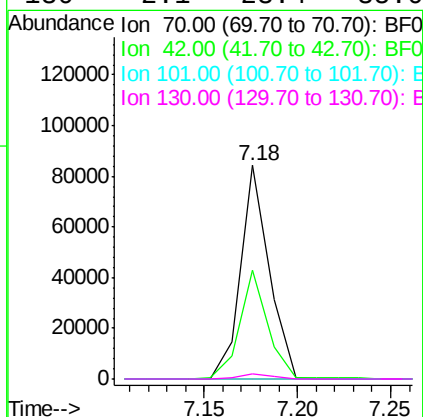
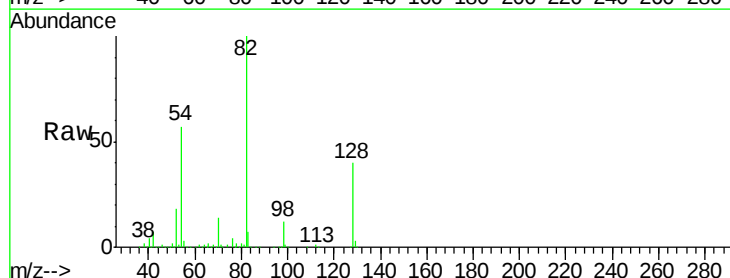
Ion Ratio Lower Upper

70 100

42 50.8 33.3 49.9#

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

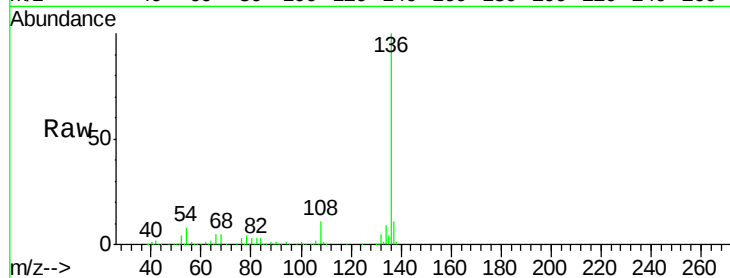




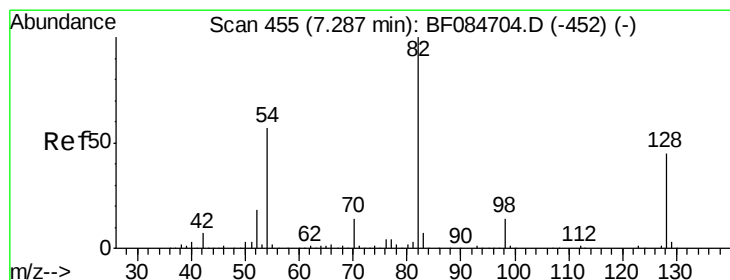
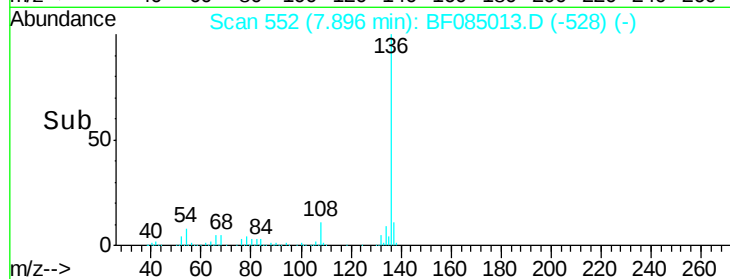
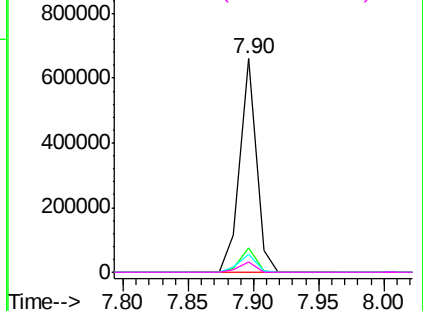
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

Instrument :
BNA_F
ClientSampleId :
PB88279BL

Tgt Ion:	136	Resp:	580680
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	8.4	5.8	8.8
68	4.5	4.2	6.2

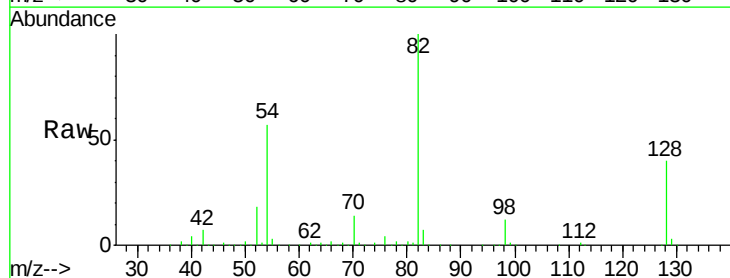


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

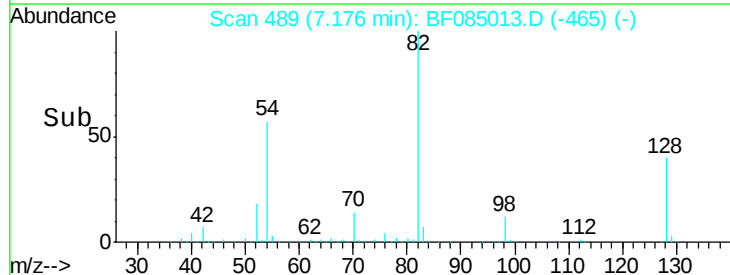
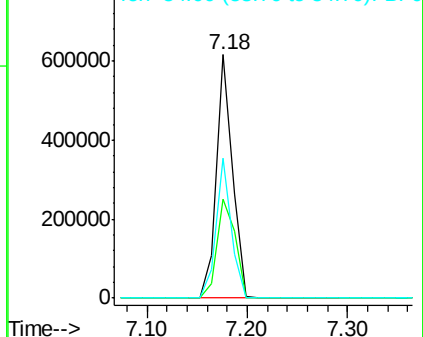


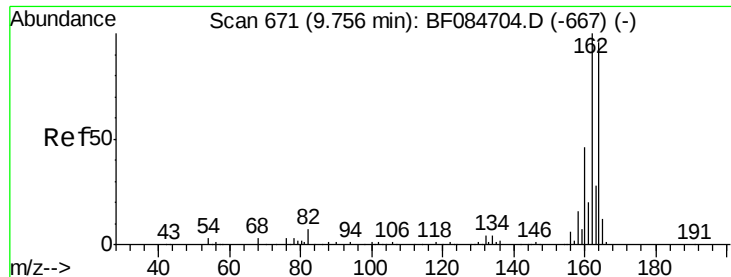
#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

Tgt Ion:	82	Resp:	682798
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.6	51.8
54	57.4	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

Instrument :

BNA_F

ClientSampleId :

PB88279BL

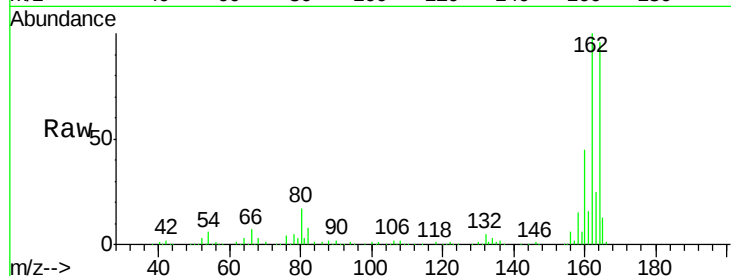
Tgt Ion:164 Resp: 287829

Ion Ratio Lower Upper

164 100

162 104.6 85.1 127.7

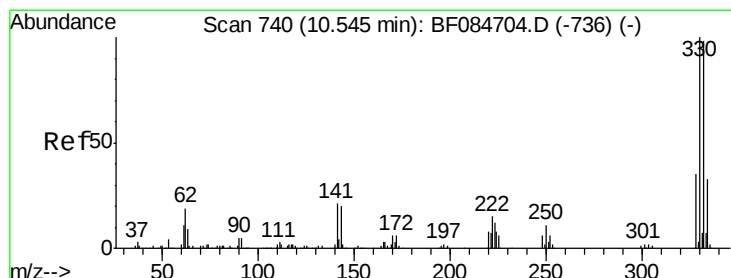
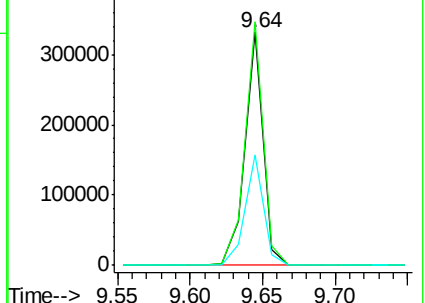
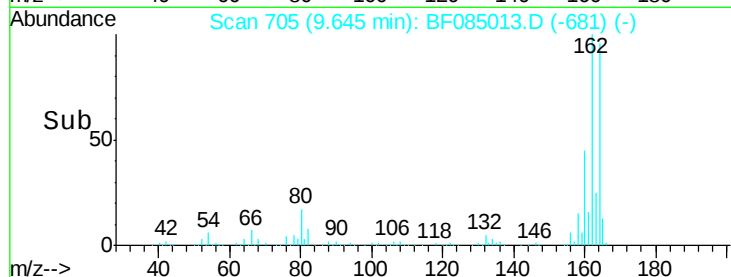
160 47.2 37.5 56.3



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: 99.42 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085013.D

Acq: 11 Feb 2016 12:33

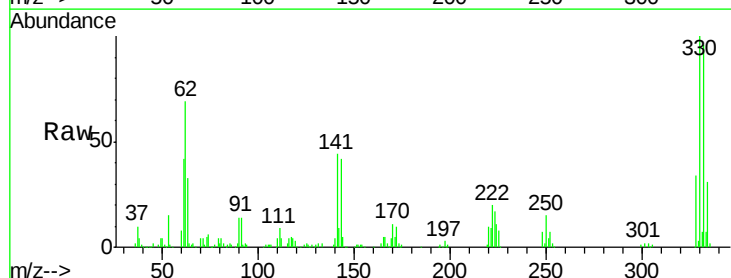
Tgt Ion:330 Resp: 298503

Ion Ratio Lower Upper

330 100

332 95.8 76.6 114.8

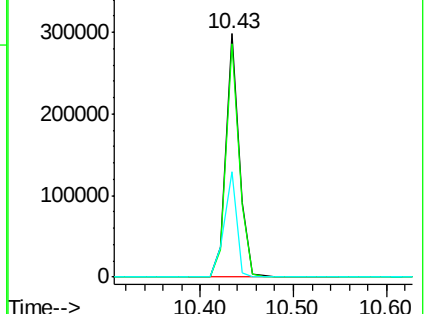
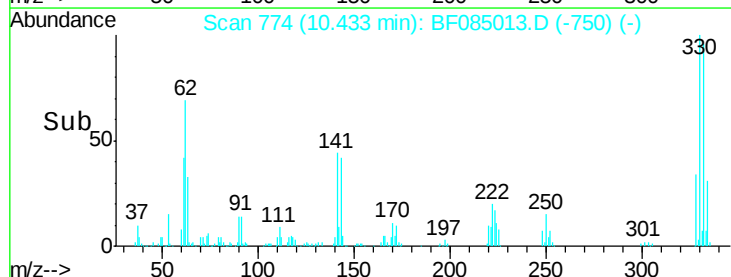
141 39.9 27.8 41.6

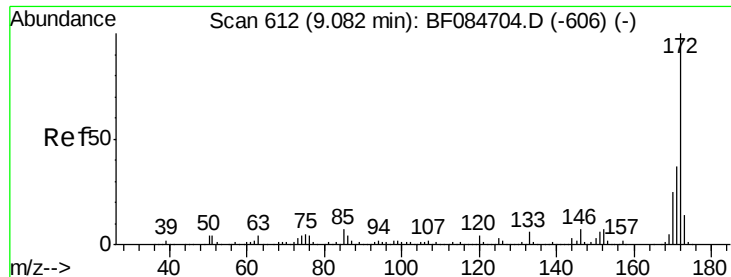


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

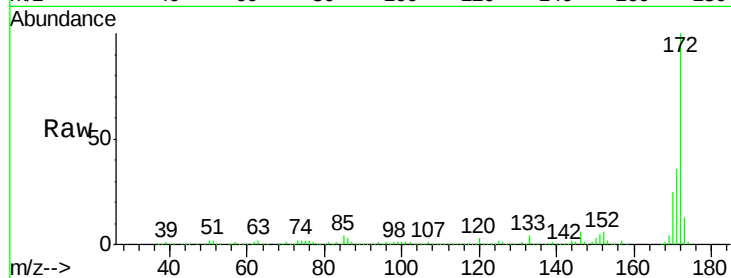




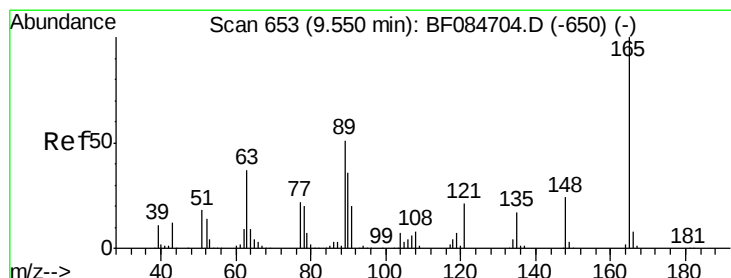
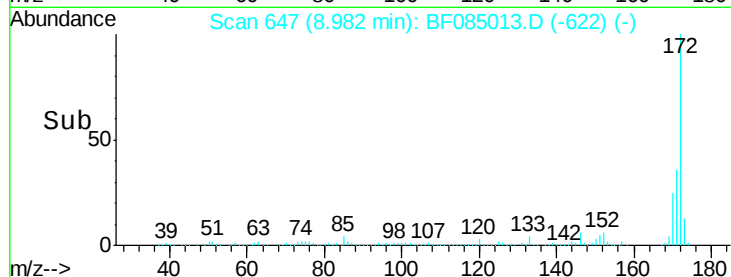
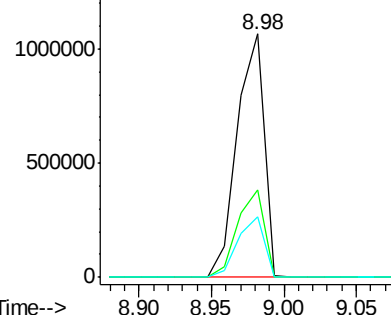
#44
 2-Fluorobiphenyl
 Concen: 78.35 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Instrument :
 BNA_F
 ClientSampled :
 PB88279BL

Tgt Ion:172 Resp: 1374877
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.7 18.6 27.8

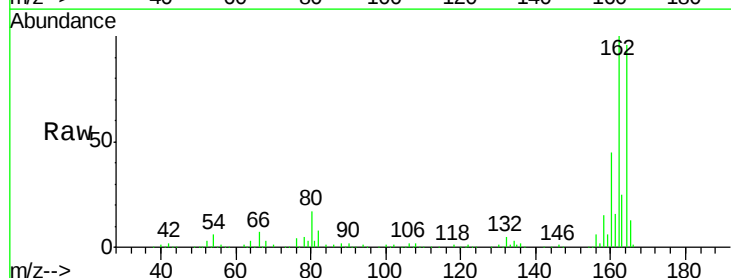


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

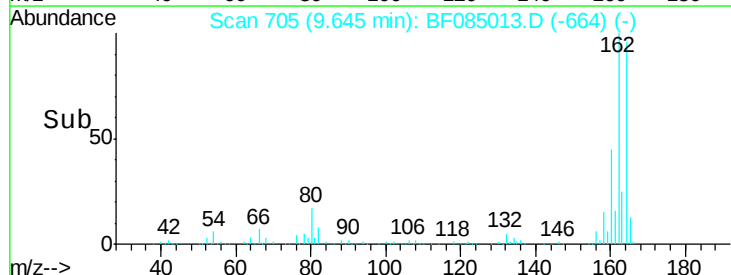
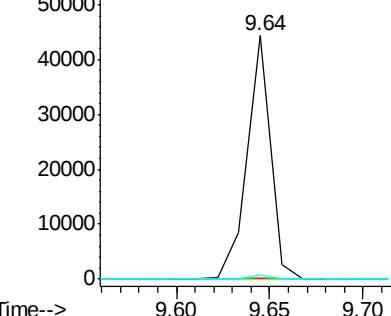


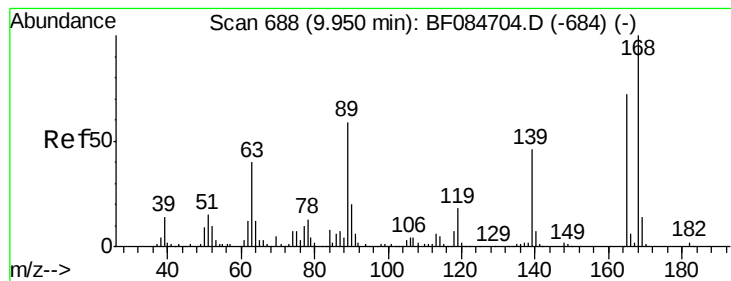
#50
 2,6-Dinitrotoluene
 Concen: 7.99 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.17 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Tgt Ion:165 Resp: 38244
 Ion Ratio Lower Upper
 165 100
 63 0.9 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

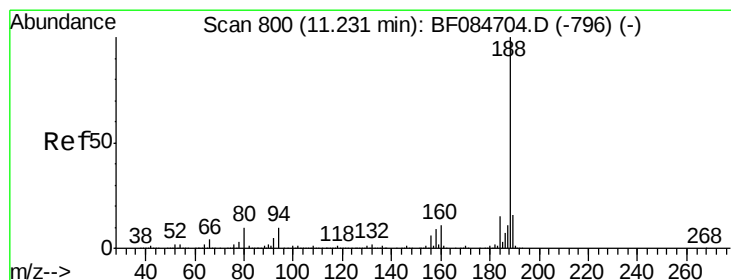
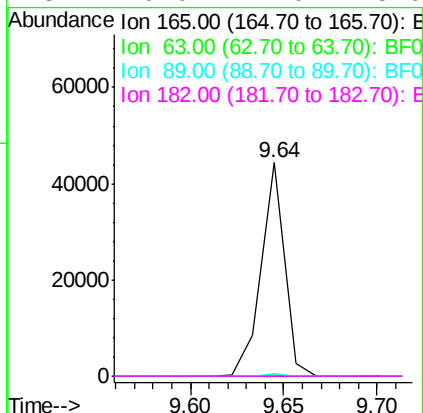
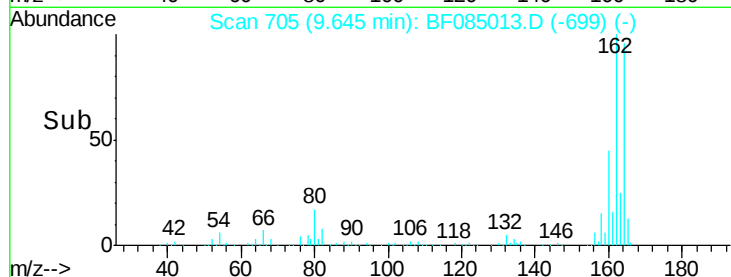
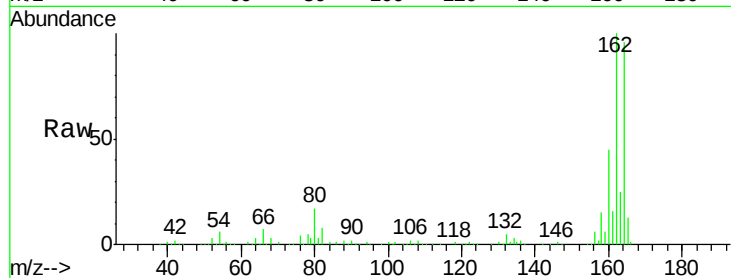




#56
 2,4-Dinitrotoluene
 Concen: 6.26 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.23 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

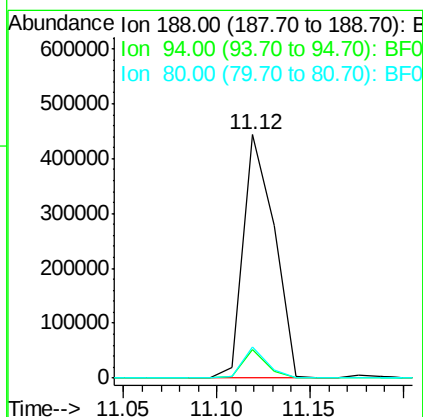
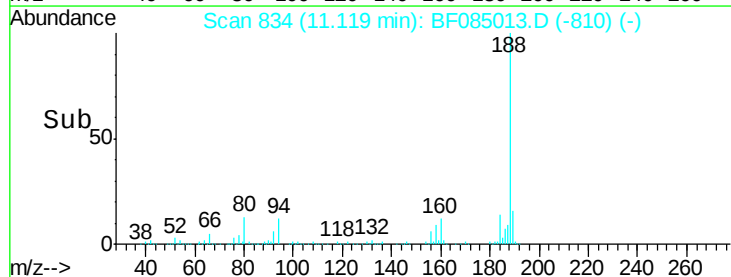
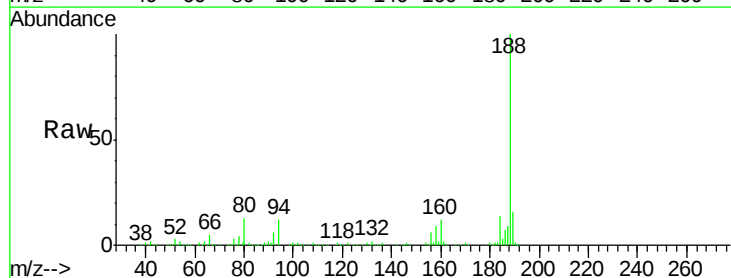
Instrument :
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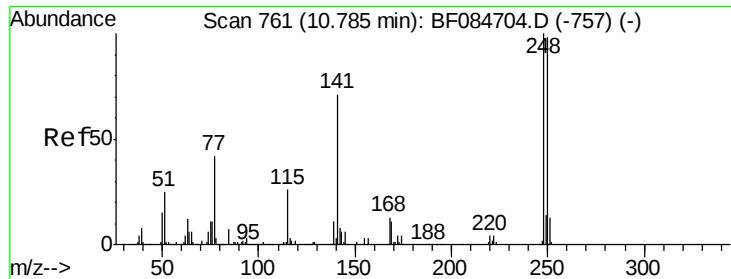
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.7	55.1#
89	1.5	61.9	92.9#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.4
80	13.0	9.6	14.4

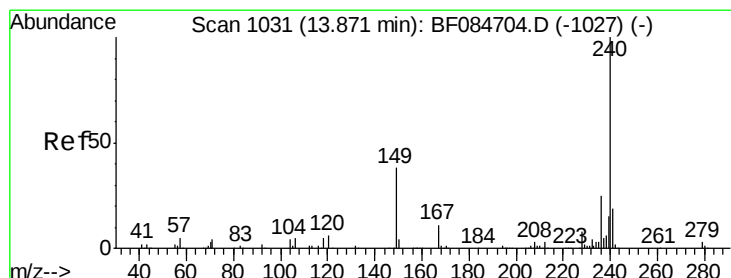
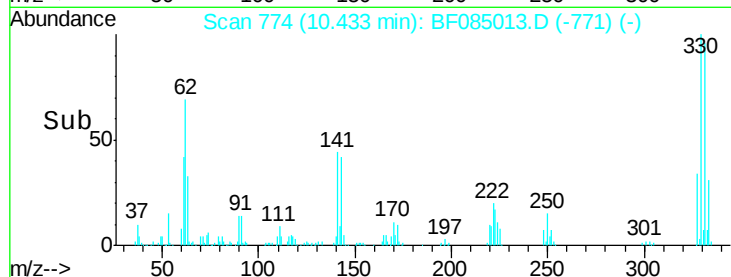
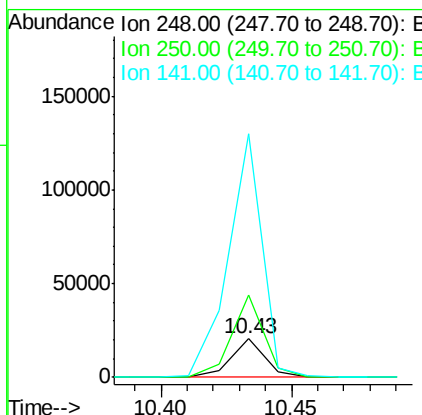
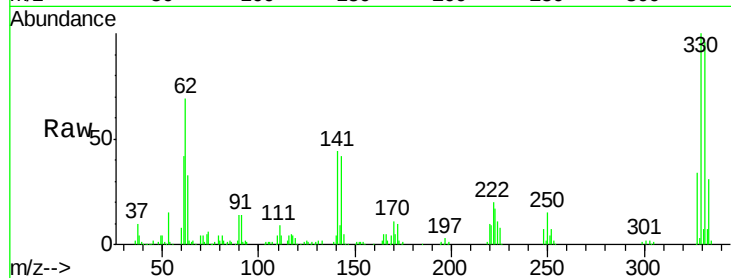




#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

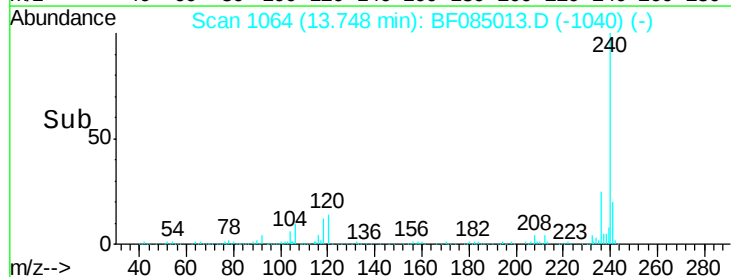
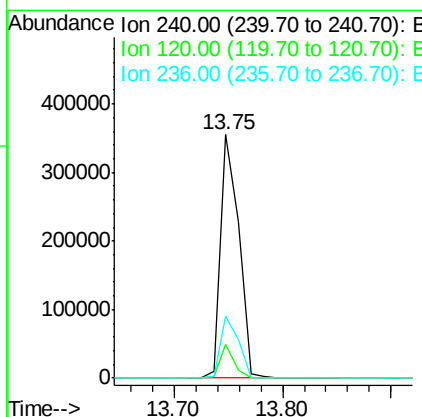
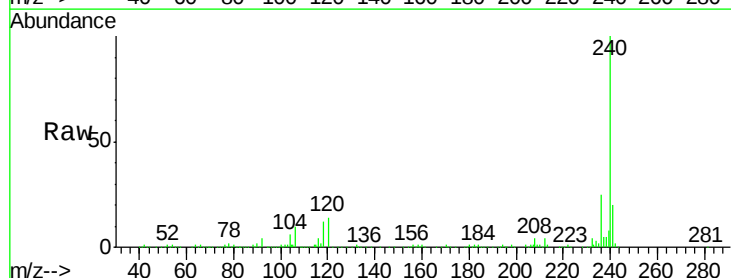
Instrument :
BNA_F
ClientSampleId :
PB88279BL

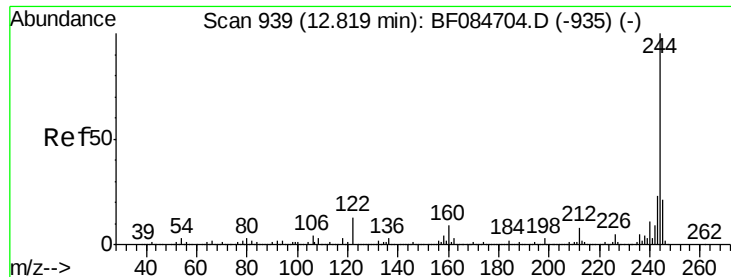
Tgt Ion:248 Resp: 18364
Ion Ratio Lower Upper
248 100
250 214.8 78.4 117.6#
141 633.3 44.0 66.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BF085013.D
Acq: 11 Feb 2016 12:33

Tgt Ion:240 Resp: 414594
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.2 20.6 31.0

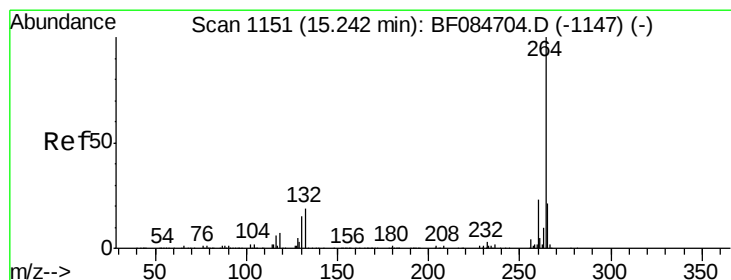
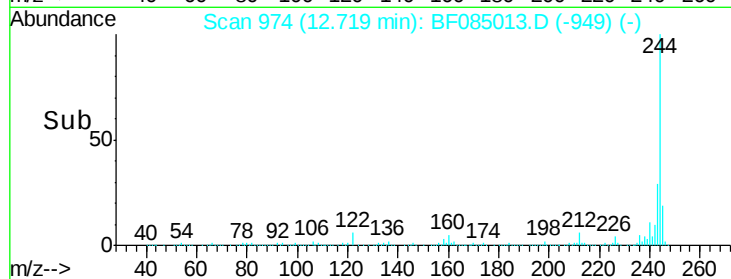
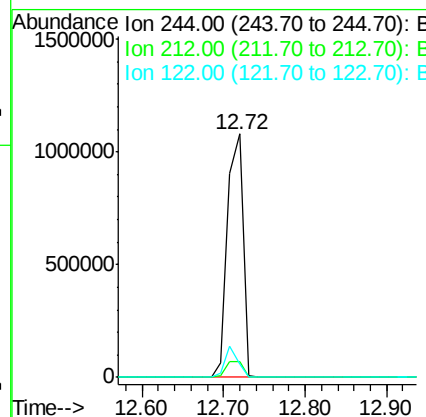
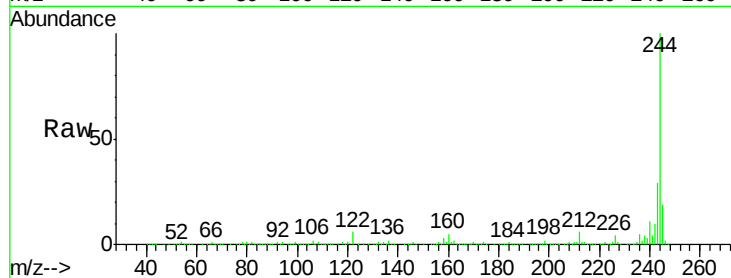




#78
 Terphenyl-d14
 Concen: 77.58 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Instrument :
 BNA_F
 ClientSampled :
 PB88279BL

Tgt Ion:244 Resp: 1419477
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.7 8.5
 122 5.7 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085013.D
 Acq: 11 Feb 2016 12:33

Tgt Ion:264 Resp: 287892
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 21.6 17.8 26.6

