

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085575.D
 Acq On : 19 Mar 2016 16:18
 Operator : UM/SJ
 Sample : H1837-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Quant Time: Mar 20 23:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

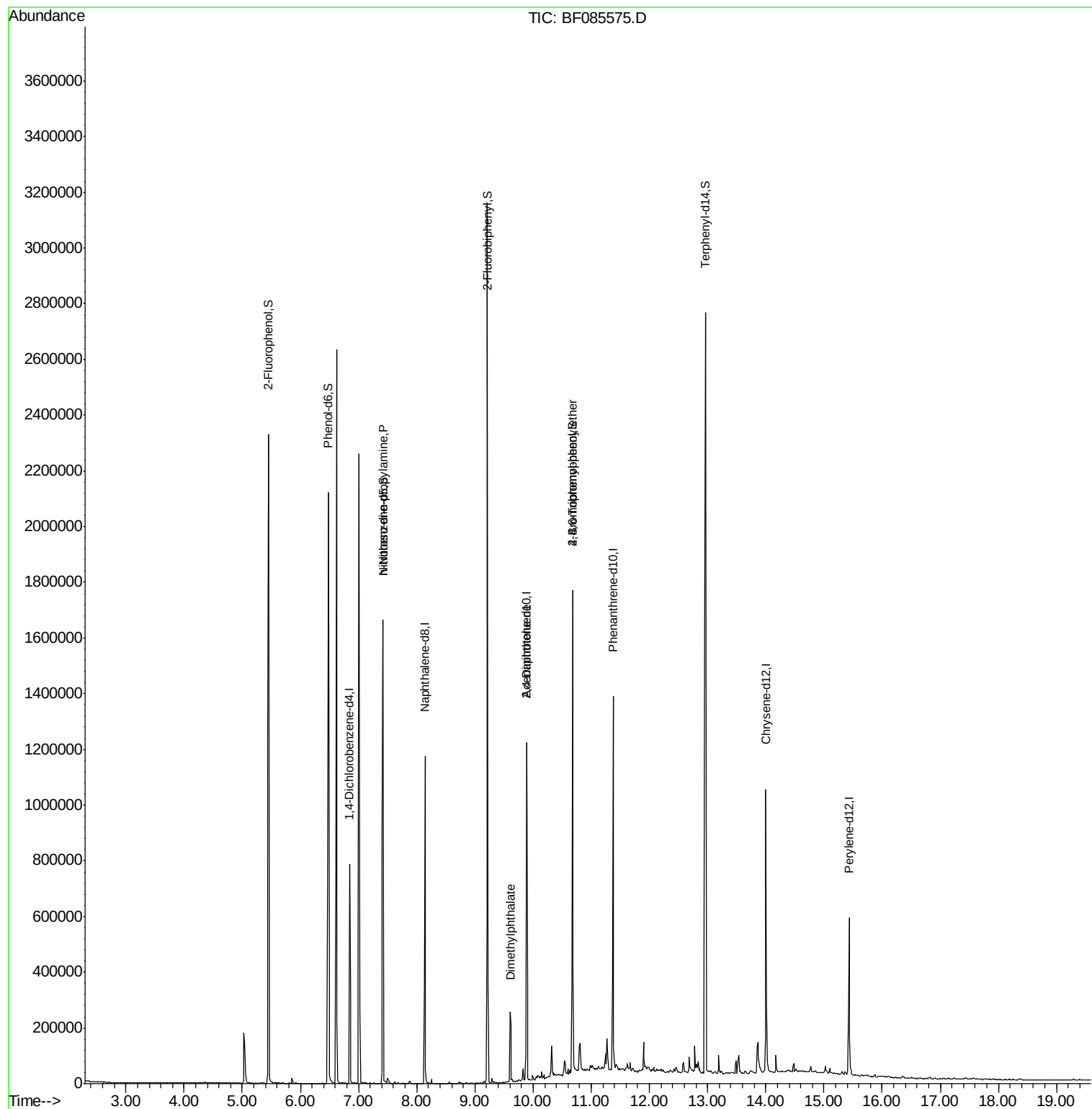
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130118	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	547961	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	236381	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	467150	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	329508	20.00	ng	-0.01
86) Perylene-d12	15.43	264	239446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	783831	101.18	ng	0.00
7) Phenol-d6	6.48	99	873725	87.94	ng	-0.01
23) Nitrobenzene-d5	7.42	82	650601	68.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	212738	91.88	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	958109	65.21	ng	-0.01
78) Terphenyl-d14	12.96	244	1062985	77.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	85698	14.44	ng	# 75
49) Dimethylphthalate	9.61	163	141199	7.92	ng	98
56) 2,4-Dinitrotoluene	9.89	165	30981	6.28	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	14581	3.12	ng	# 1

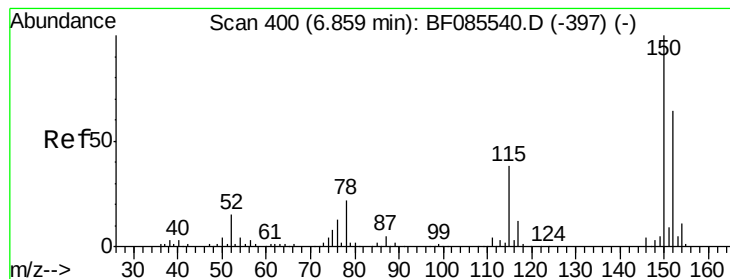
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

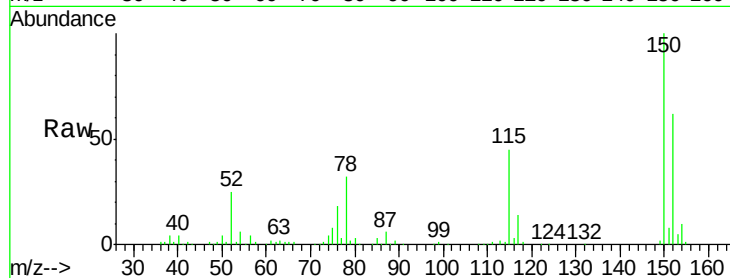
Tgt Ion:152 Resp: 130118

Ion Ratio Lower Upper

152 100

150 160.3 124.2 186.2

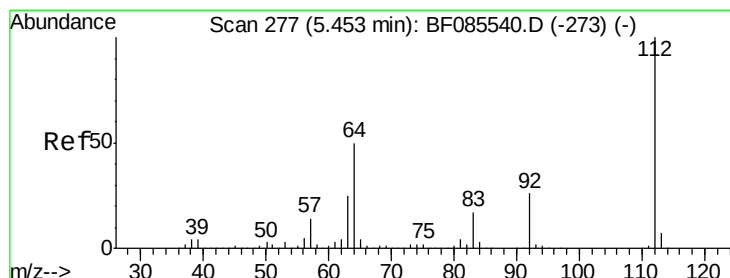
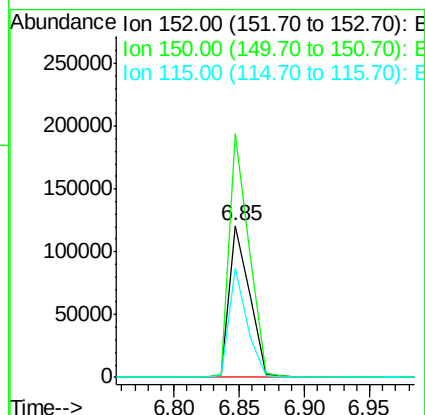
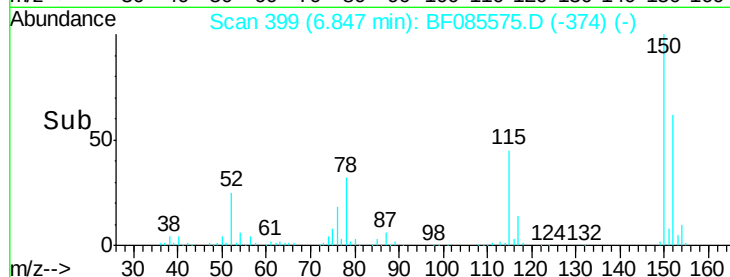
115 71.6 47.0 70.6#



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: 101.18 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

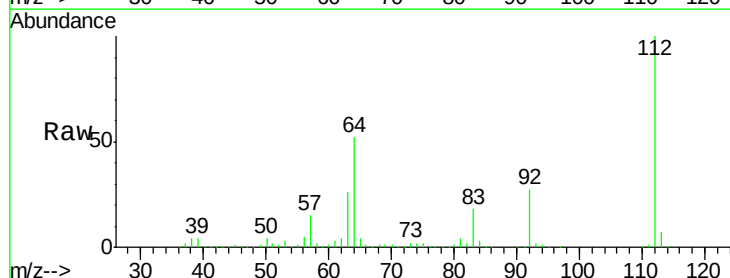
Tgt Ion:112 Resp: 783831

Ion Ratio Lower Upper

112 100

64 51.5 39.9 59.9

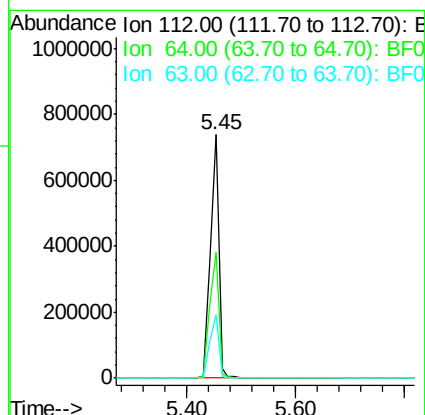
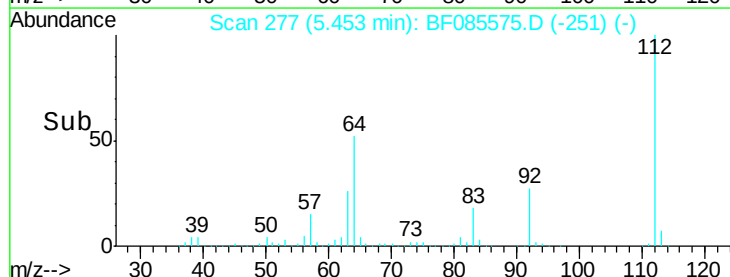
63 26.1 20.2 30.2

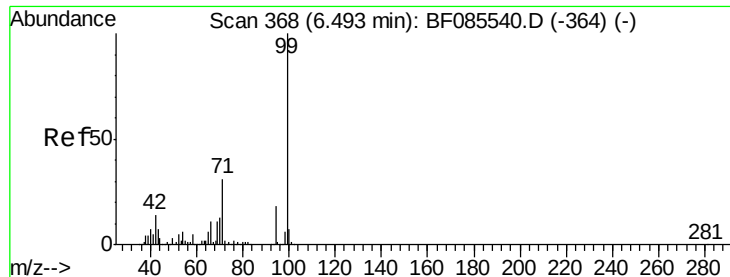


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.94 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

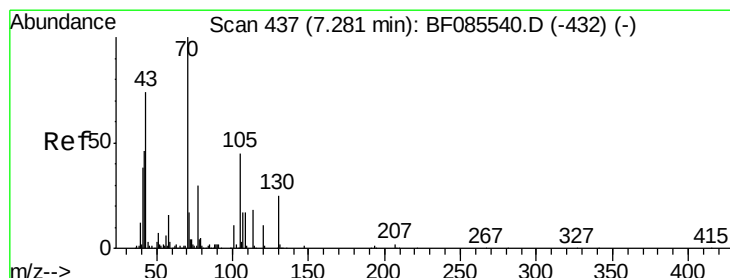
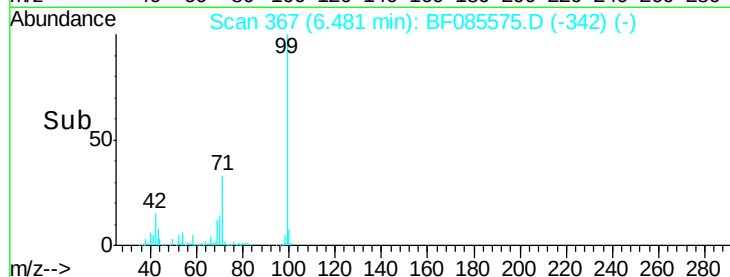
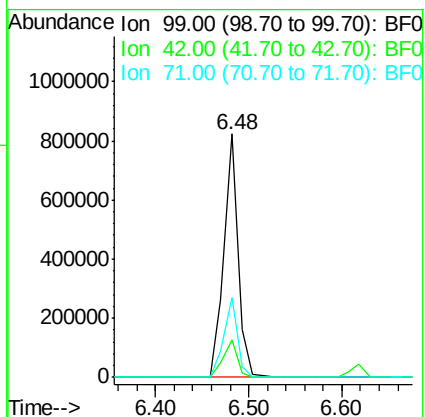
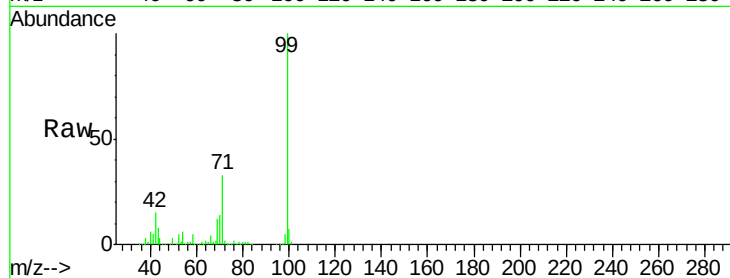
Tgt Ion: 99 Resp: 873725

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 32.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.44 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

Tgt Ion: 70 Resp: 85698

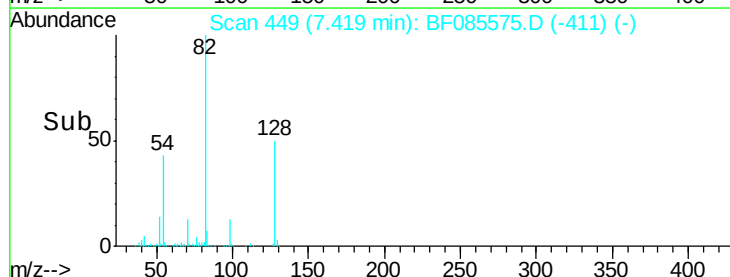
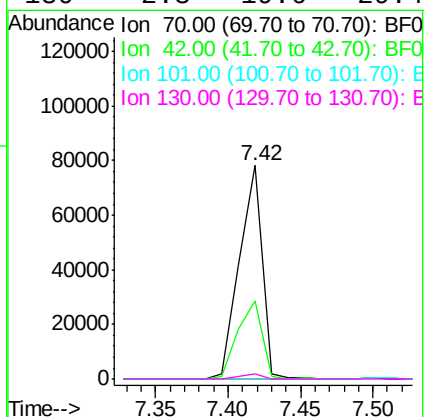
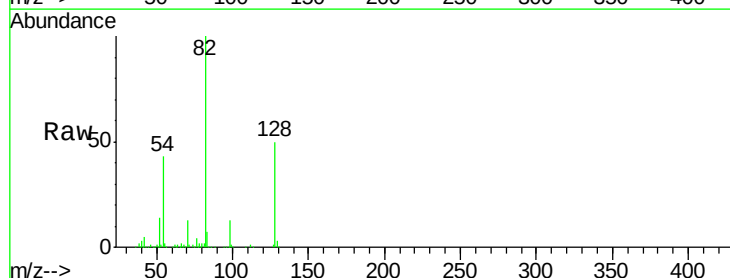
Ion Ratio Lower Upper

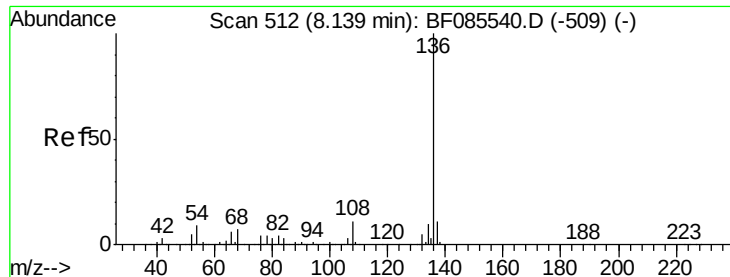
70 100

42 36.9 37.1 55.7#

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

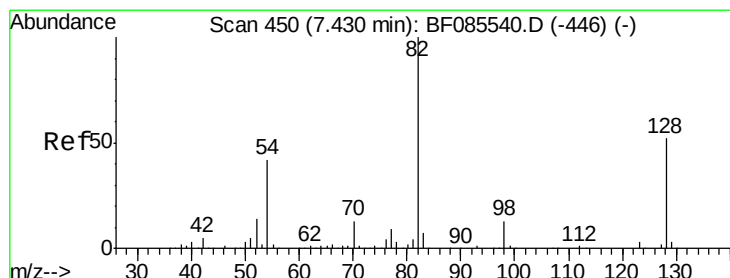
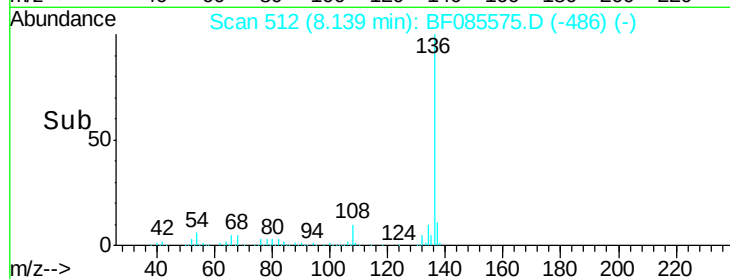
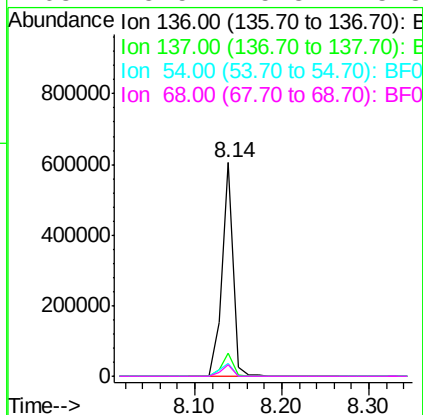
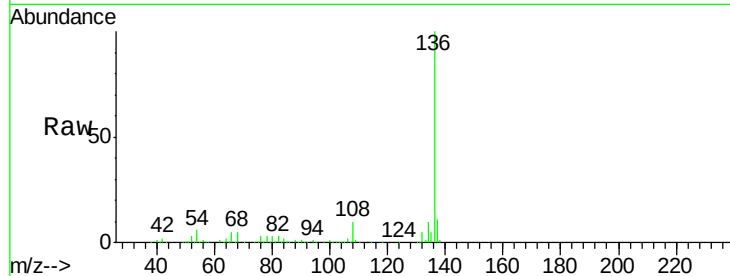




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085575.D
Acq: 19 Mar 2016 16:18

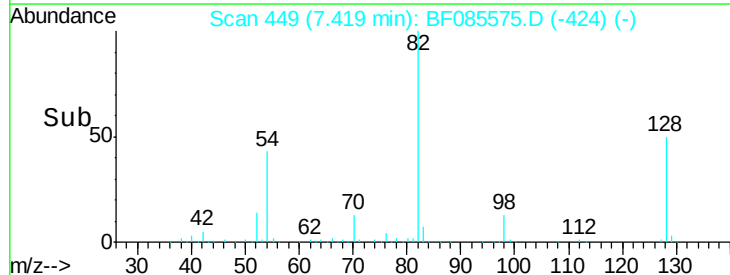
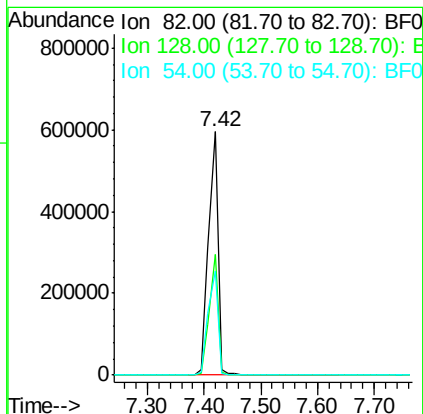
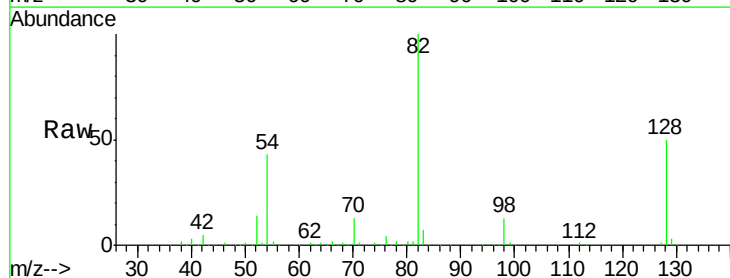
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11B

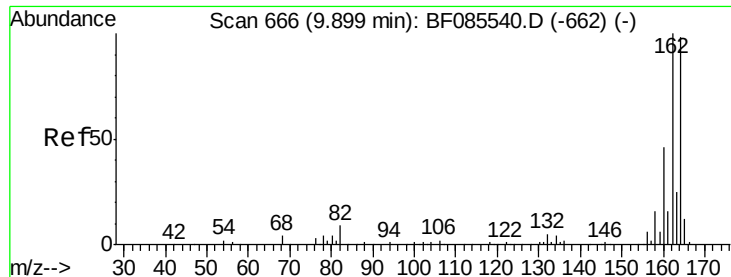
Tgt Ion:	136	Resp:	547961
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.1	7.4	11.0#
68	5.5	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 68.92 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085575.D
Acq: 19 Mar 2016 16:18

Tgt Ion:	82	Resp:	650601
Ion	Ratio	Lower	Upper
82	100		
128	49.8	41.8	62.8
54	42.7	33.4	50.0

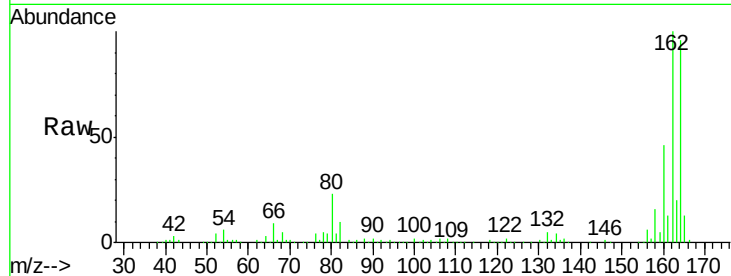




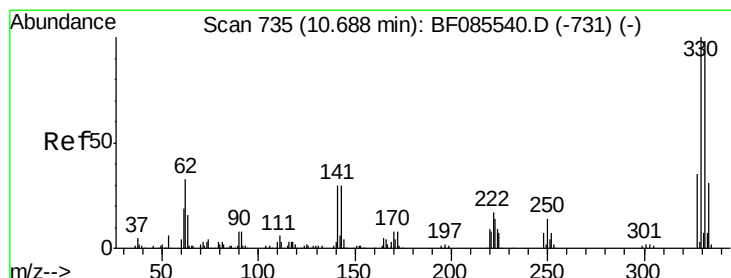
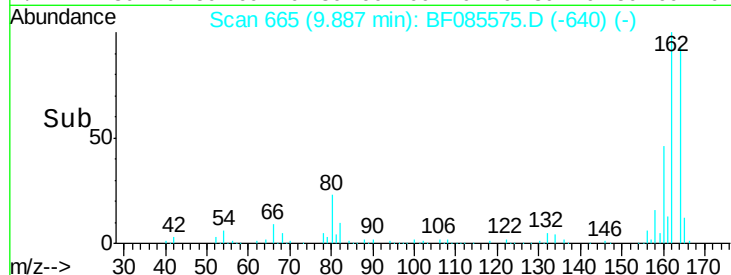
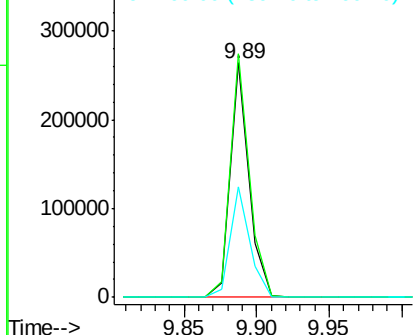
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:164 Resp: 236381
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.1 123.1
 160 47.3 37.4 56.2

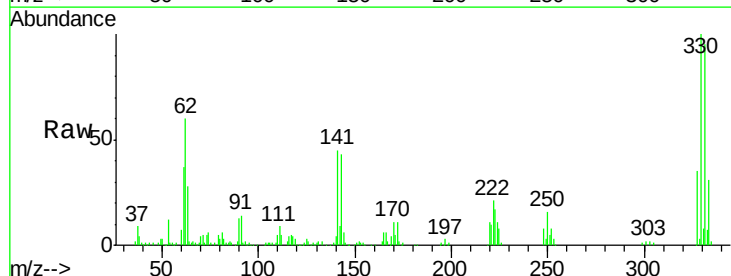


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

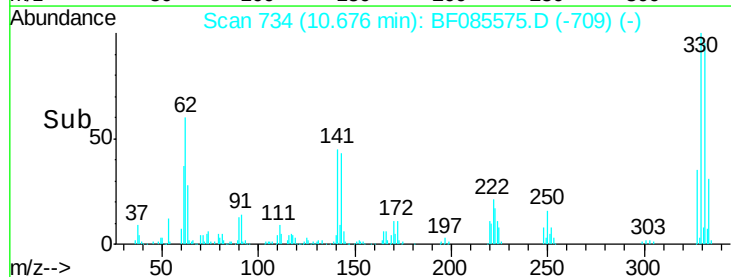
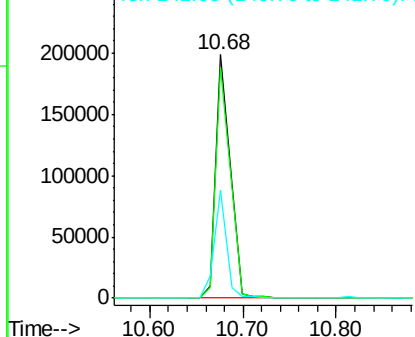


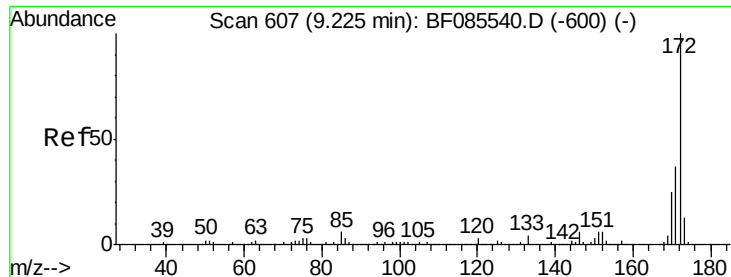
#41
 2,4,6-Tribromophenol
 Concen: 91.88 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Tgt Ion:330 Resp: 212738
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 39.0 31.5 47.3



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

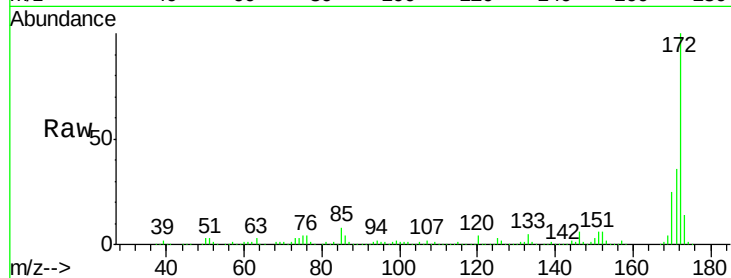




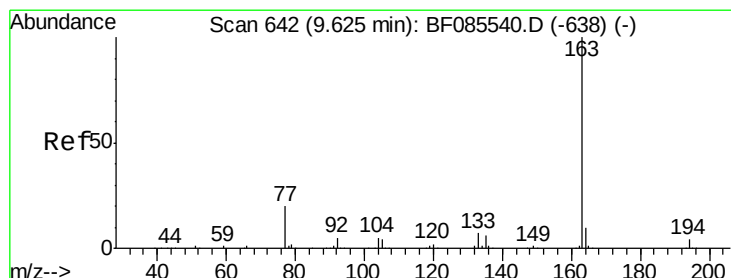
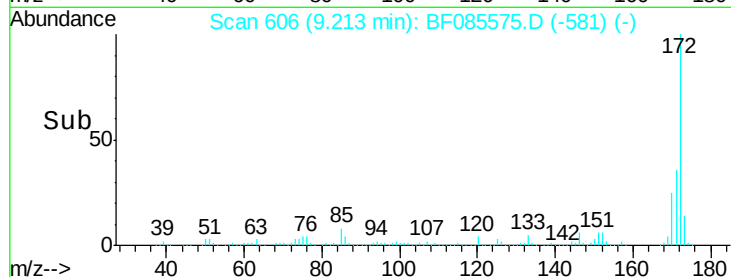
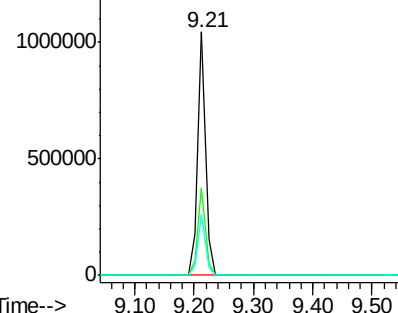
#44
 2-Fluorobiphenyl
 Concen: 65.21 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:172 Resp: 958109
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.7 19.8 29.6

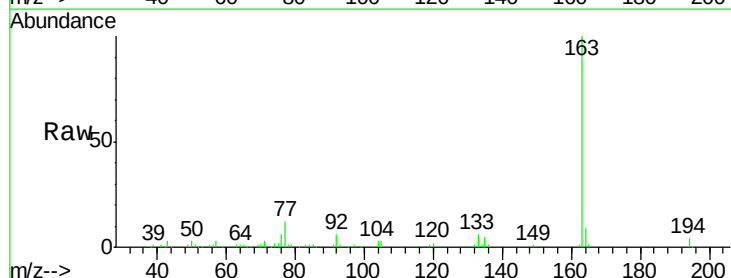


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

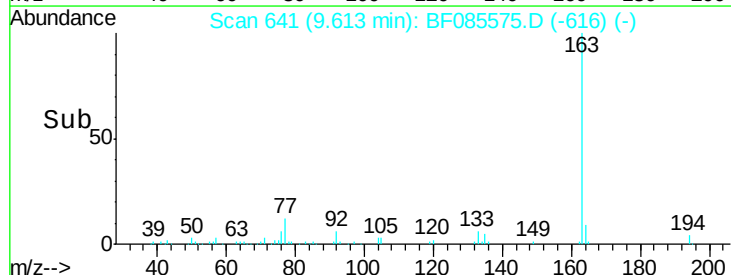
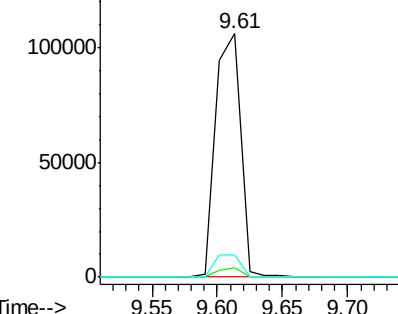


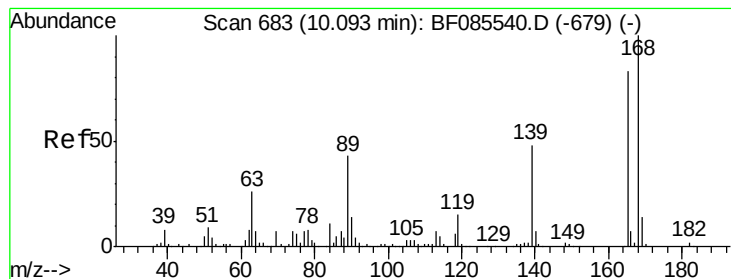
#49
 Dimethylphthalate
 Concen: 7.92 ng
 RT: 9.61 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Tgt Ion:163 Resp: 141199
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.9 4.3
 164 9.4 8.3 12.5



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

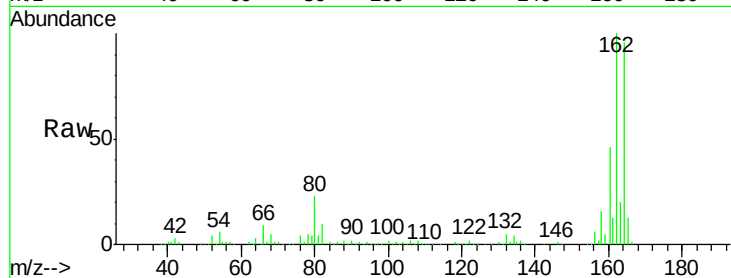




#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:	165	Resp:	30981
Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.2	41.0	61.6#
182	0.0	2.1	3.1#

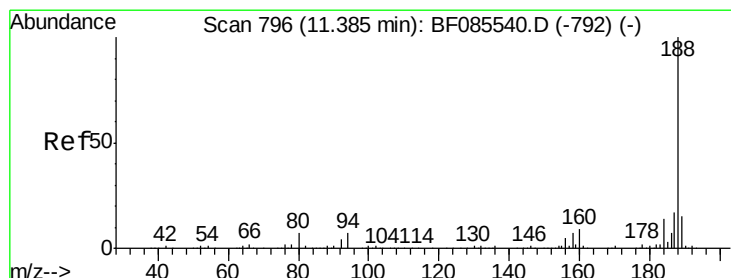
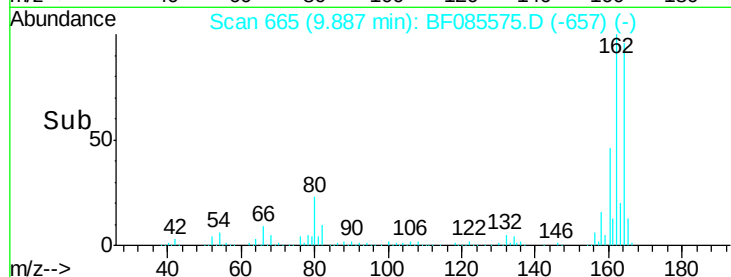
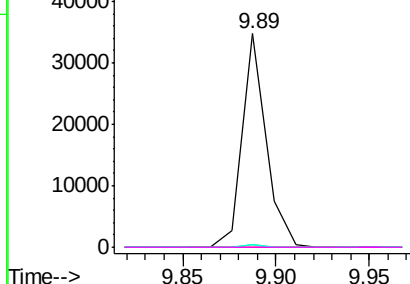


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

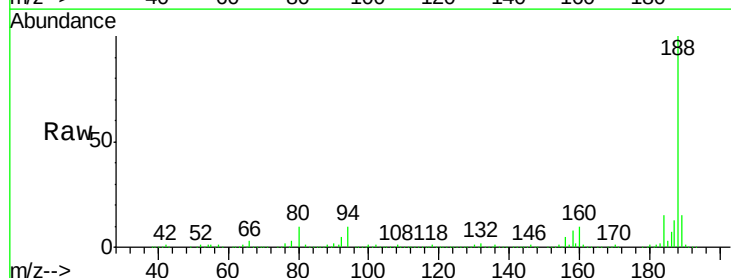
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

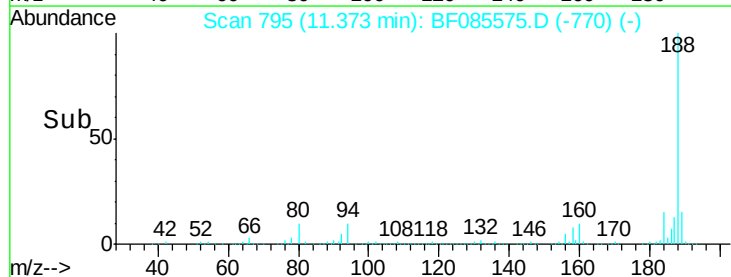
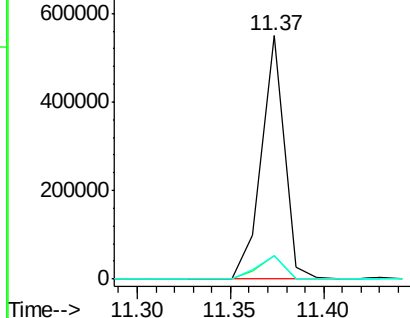
Tgt Ion:	188	Resp:	467150
Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	9.7	5.5	8.3#

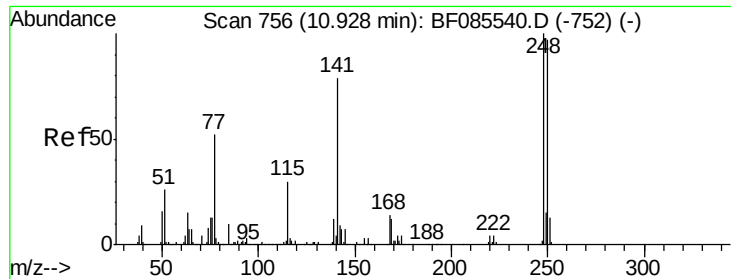


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

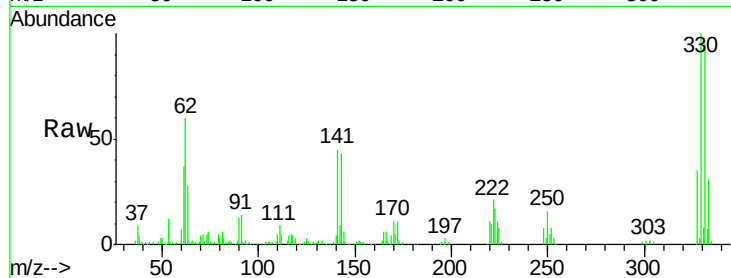




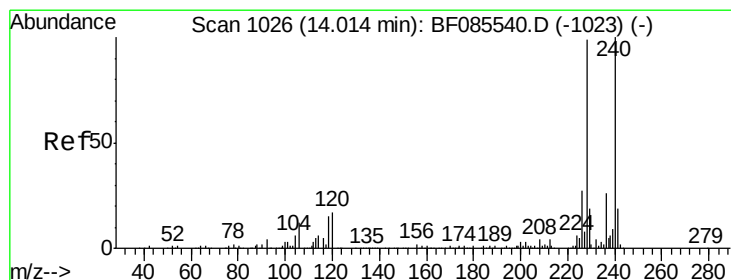
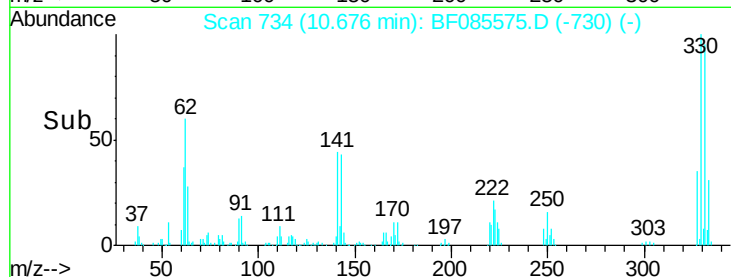
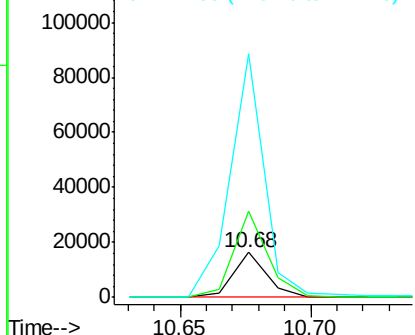
#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-11B

Tgt Ion:248 Resp: 14581
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.4 116.0#
 141 540.3 63.6 95.4#

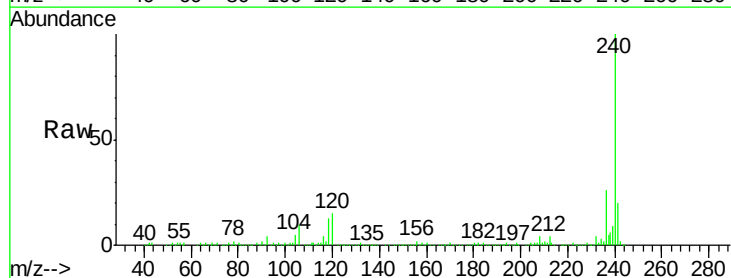


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

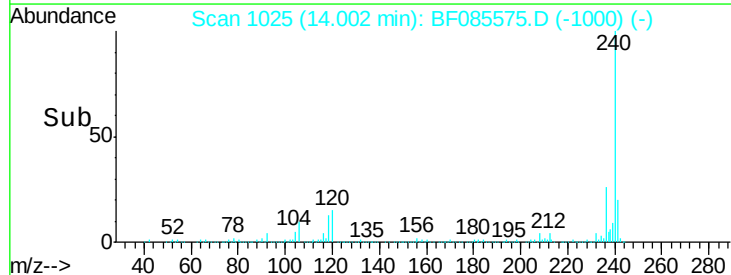
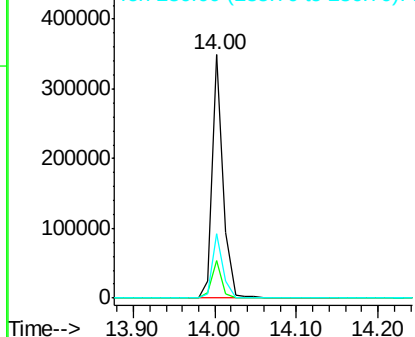


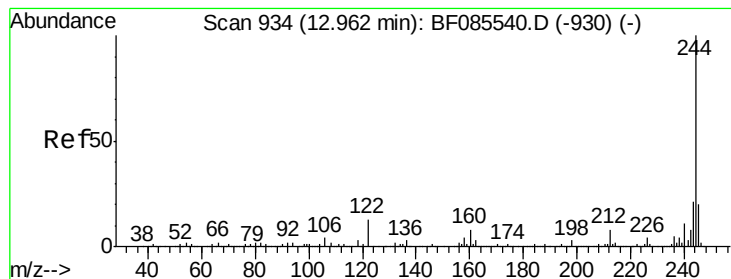
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BF085575.D
 Acq: 19 Mar 2016 16:18

Tgt Ion:240 Resp: 329508
 Ion Ratio Lower Upper
 240 100
 120 15.3 13.8 20.8
 236 26.5 20.6 30.8



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: 77.63 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11B

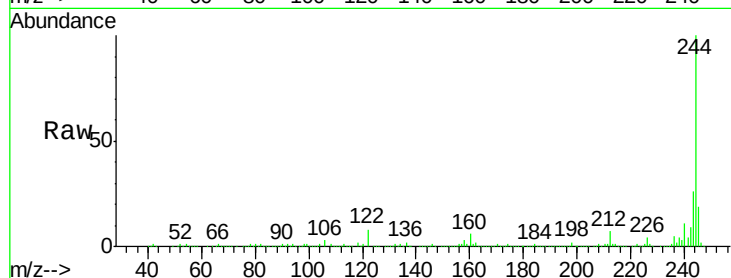
Tgt Ion:244 Resp: 1062985

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

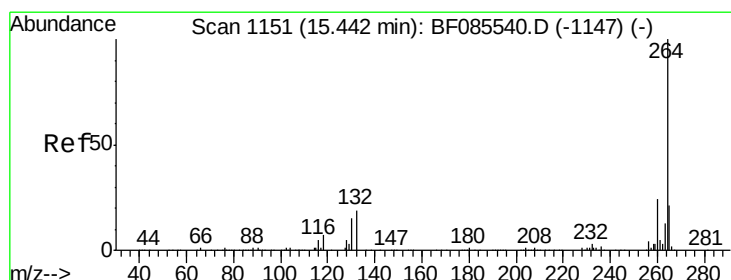
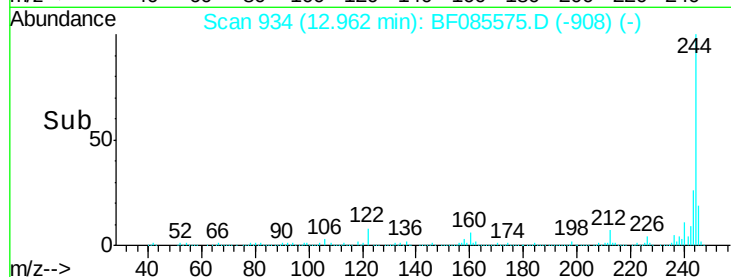
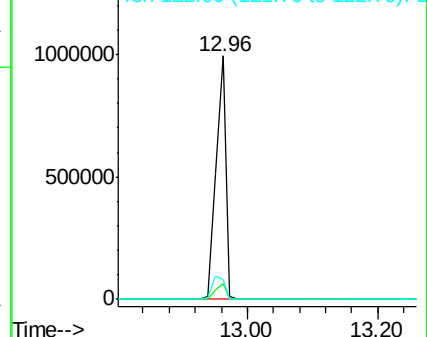
122 8.3 10.2 15.4#



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: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085575.D

Acq: 19 Mar 2016 16:18

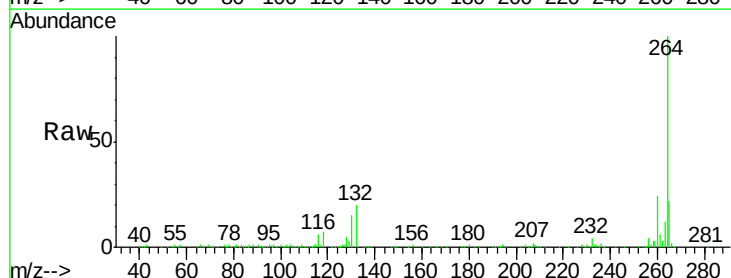
Tgt Ion:264 Resp: 239446

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.7 17.2 25.8



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

