

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085559.D
 Acq On : 19 Mar 2016 7:31
 Operator : UM/SJ
 Sample : H1804-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7A

Quant Time: Mar 21 00:08:55 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

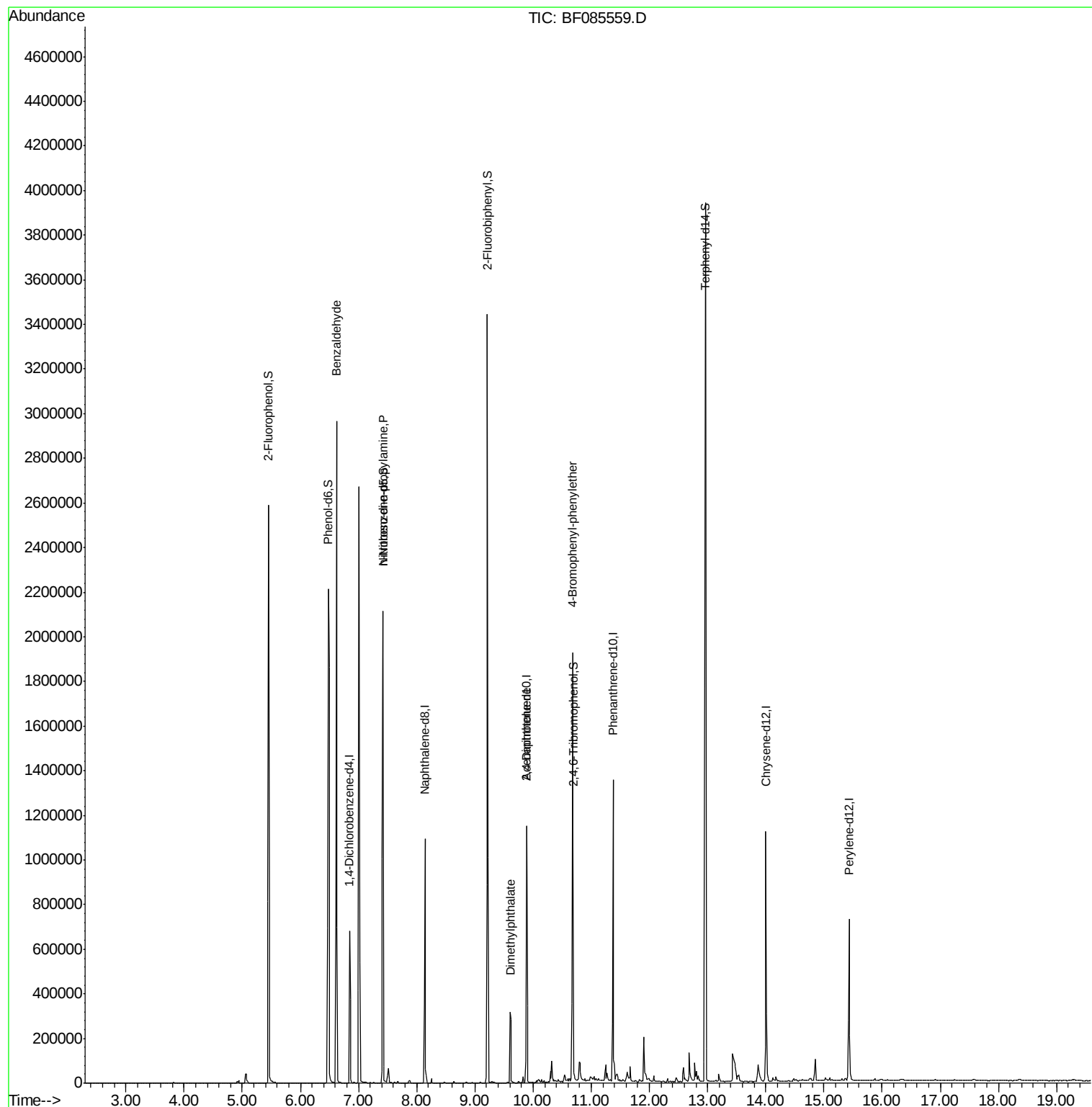
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126683	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	527243	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	233767	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	465493	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	369901	20.00	ng	-0.01
86) Perylene-d12	15.43	264	308915	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	916720	121.55	ng	0.00
7) Phenol-d6	6.48	99	1320052	136.46	ng	-0.01
23) Nitrobenzene-d5	7.42	82	806529	88.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	344473	150.43	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1275135	96.22	ng	-0.01
78) Terphenyl-d14	12.96	244	1360175	88.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	19425	2.11	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.42	70	107029	18.52	ng	# 77
49) Dimethylphthalate	9.61	163	196569	11.14	ng	98
56) 2,4-Dinitrotoluene	9.89	165	29096	5.97	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	20541	4.42	ng	# 1

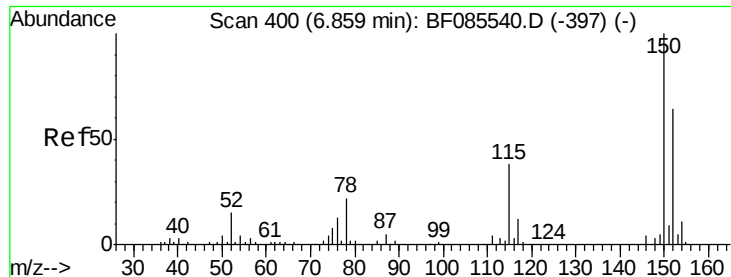
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085559.D

Acq: 19 Mar 2016 7:31

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7A

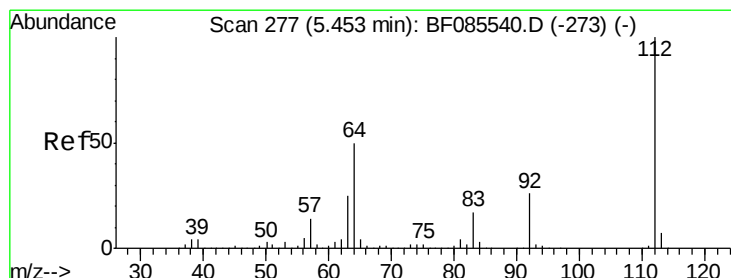
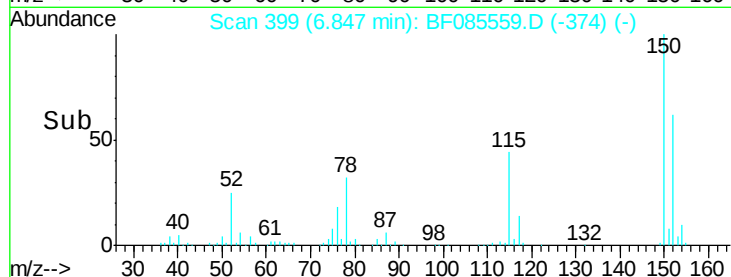
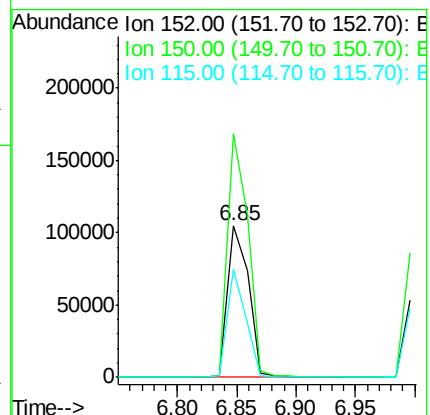
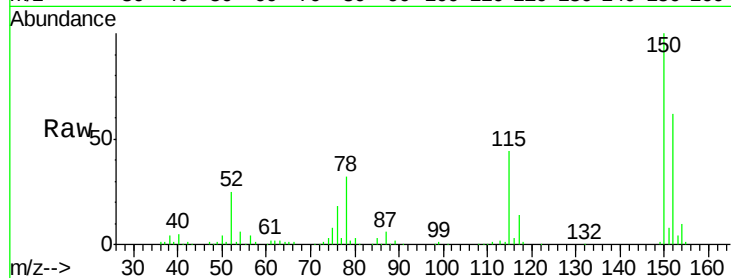
Tgt Ion:152 Resp: 126683

Ion Ratio Lower Upper

152 100

150 160.1 124.2 186.2

115 71.0 47.0 70.6#



#5

2-Fluorophenol

Concen: 121.55 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085559.D

Acq: 19 Mar 2016 7:31

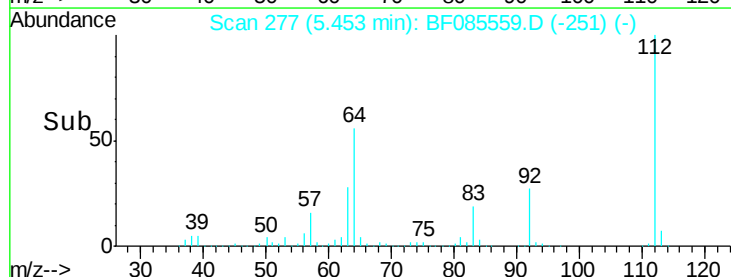
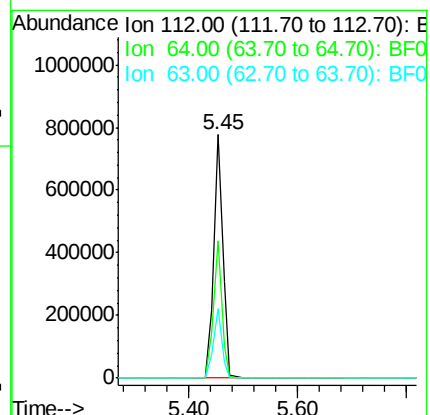
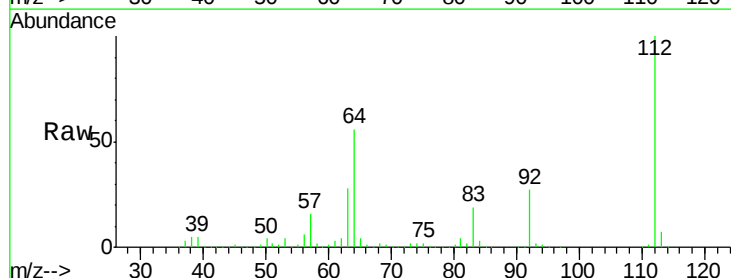
Tgt Ion:112 Resp: 916720

Ion Ratio Lower Upper

112 100

64 56.2 39.9 59.9

63 28.3 20.2 30.2





#7

Phenol-d6

Concen: 136.46 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085559.D

Acq: 19 Mar 2016 7:31

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7A

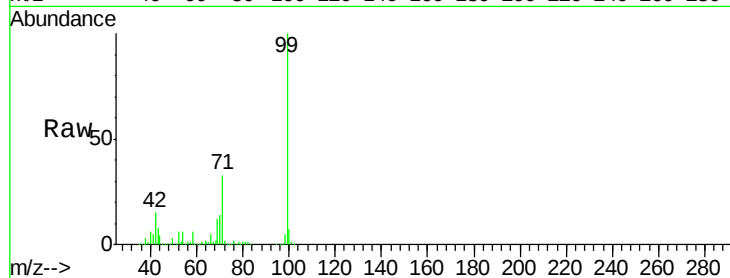
Tgt Ion: 99 Resp: 1320052

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

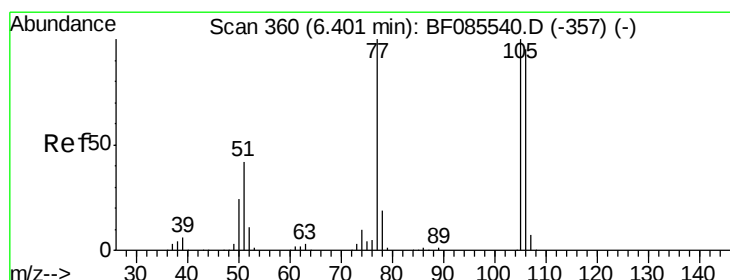
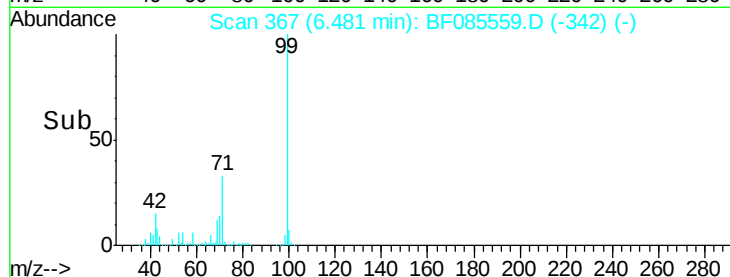
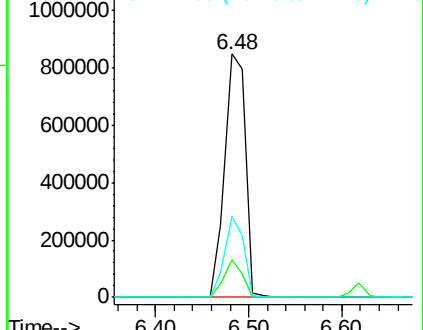
71 33.3 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.11 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.22 min

Lab File: BF085559.D

Acq: 19 Mar 2016 7:31

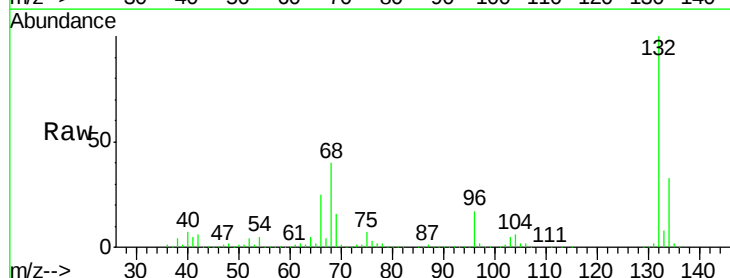
Tgt Ion: 77 Resp: 19425

Ion Ratio Lower Upper

77 100

105 84.1 80.1 120.1

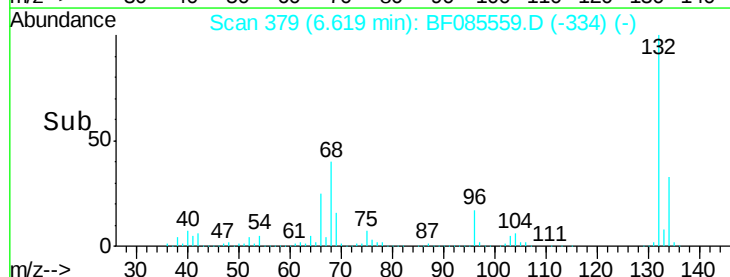
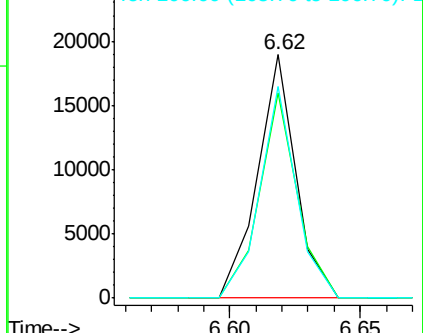
106 86.9 75.0 115.0

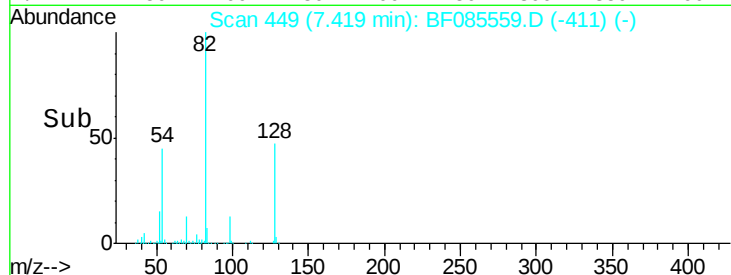
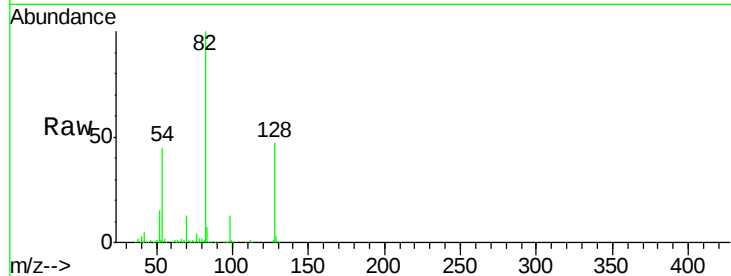
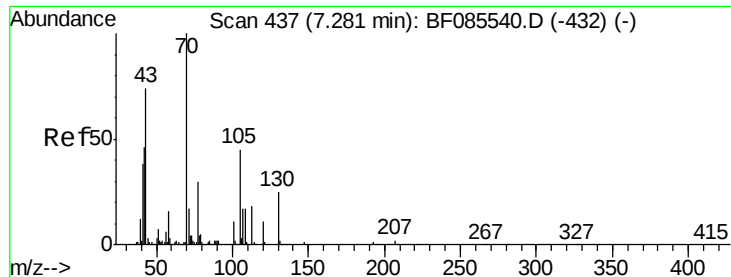


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

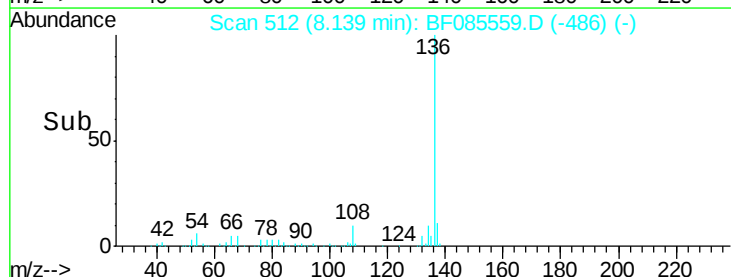
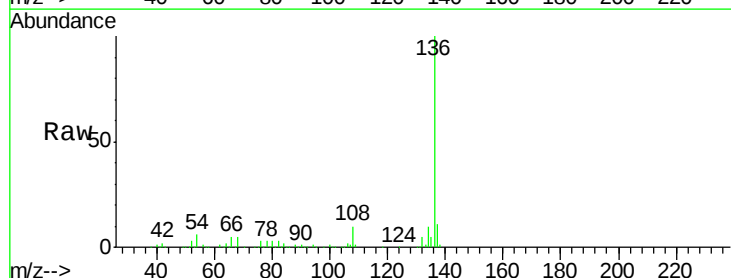
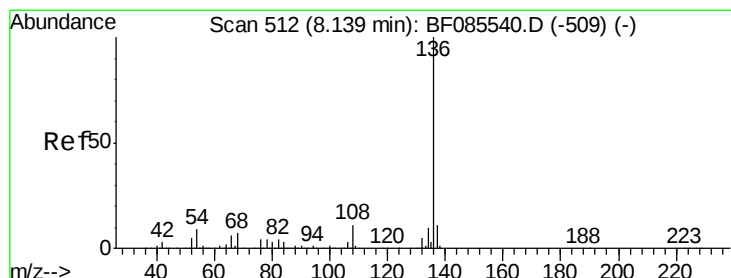
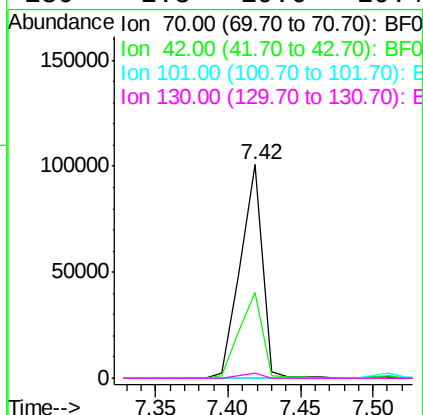




#19
n-Nitroso-di-n-propylamine
Concen: 18.52 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.14 min
Lab File: BF085559.D
Acq: 19 Mar 2016 7:31

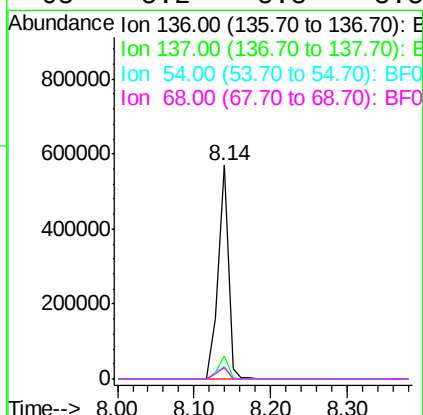
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7A

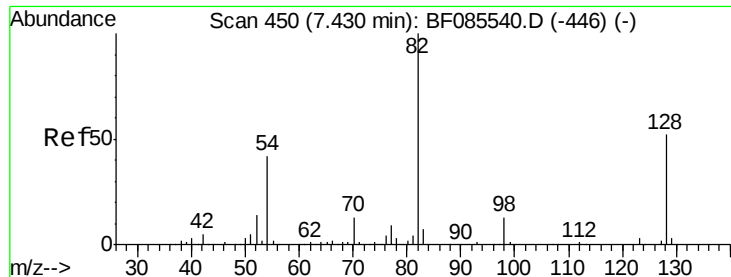
Tgt Ion: 70 Resp: 107029
Ion Ratio Lower Upper
70 100
42 39.9 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085559.D
Acq: 19 Mar 2016 7:31

Tgt Ion: 136 Resp: 527243
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.9 7.4 11.0#
68 5.2 5.8 8.8#

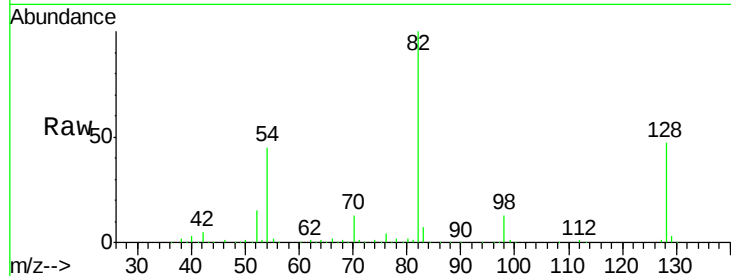




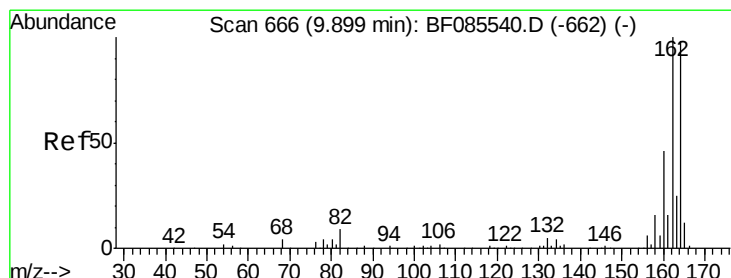
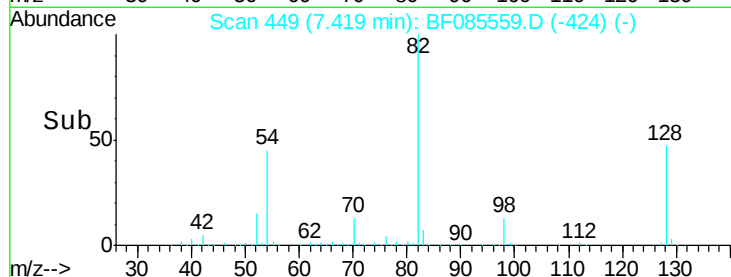
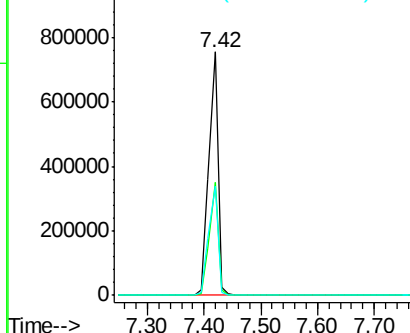
#23
 Nitrobenzene-d5
 Concen: 88.79 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7A

Tgt Ion: 82 Resp: 806529
 Ion Ratio Lower Upper
 82 100
 128 46.6 41.8 62.8
 54 44.8 33.4 50.0

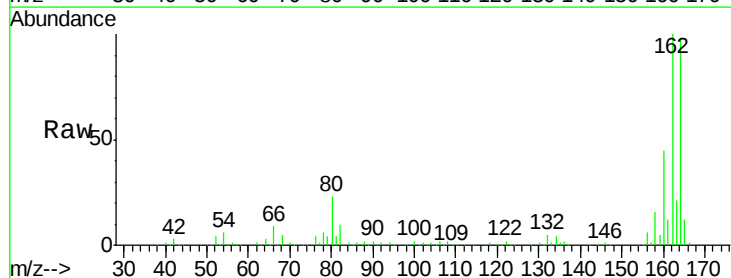


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

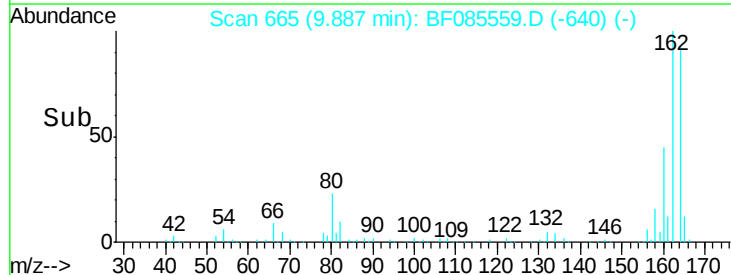
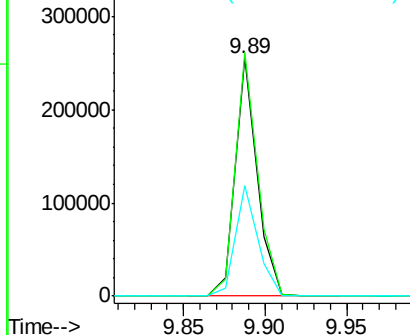


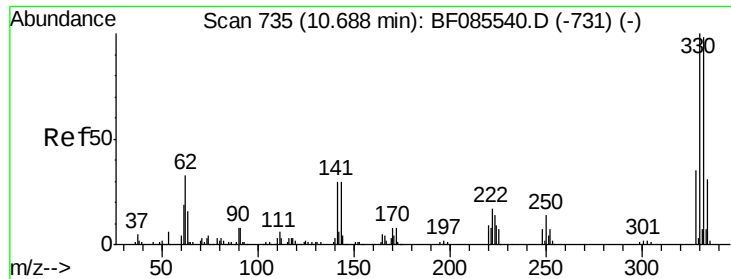
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

Tgt Ion: 164 Resp: 233767
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.2 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

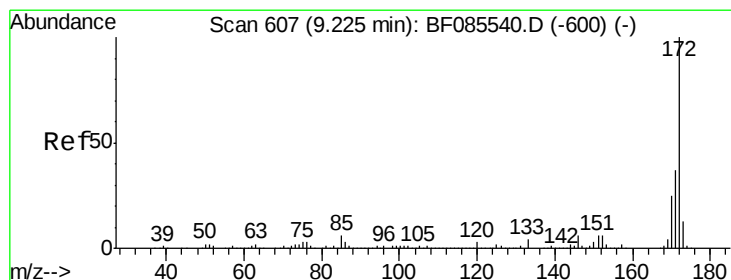
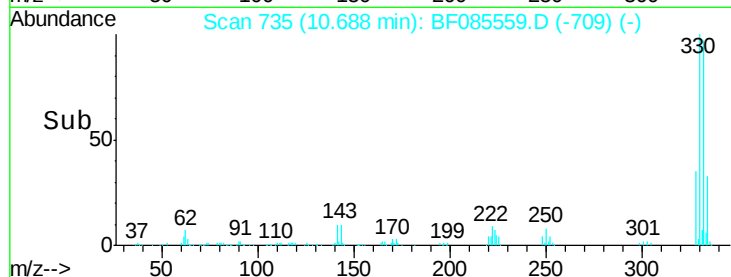
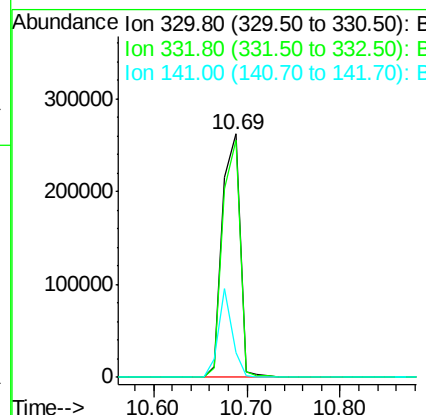
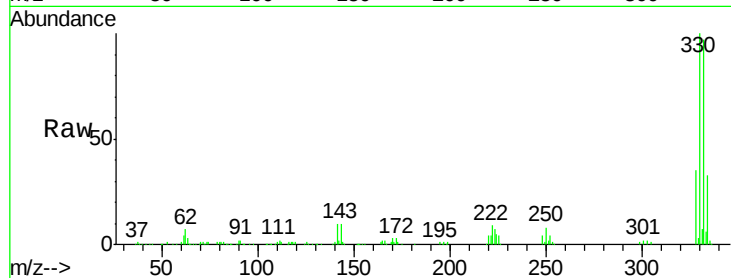




#41
 2,4,6-Tribromophenol
 Concen: 150.43 ng
 RT: 10.69 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

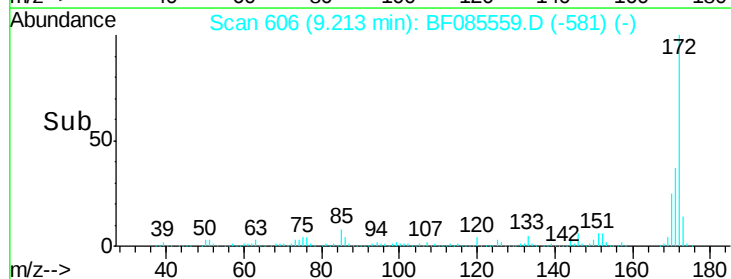
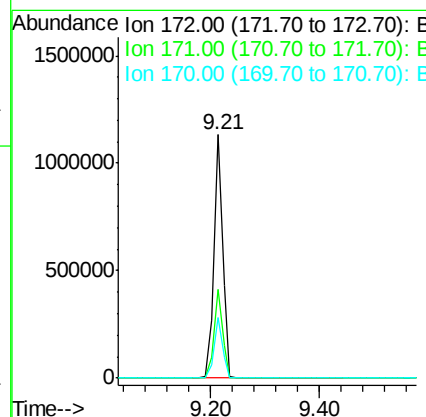
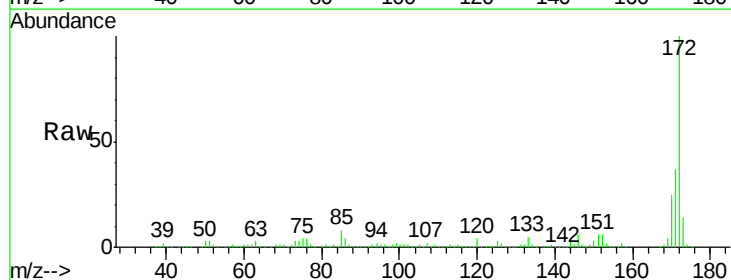
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7A

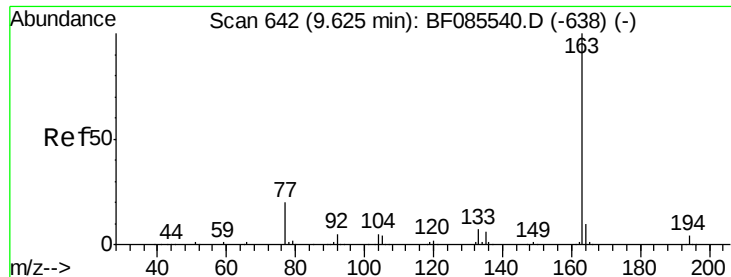
Tgt Ion:330 Resp: 344473
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.2 117.2
 141 29.5 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 96.22 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

Tgt Ion:172 Resp: 1275135
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.2
 170 24.8 19.8 29.6

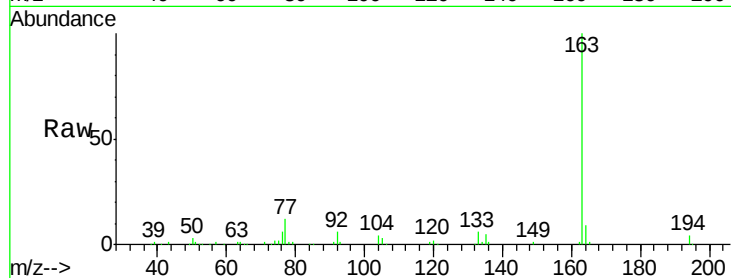




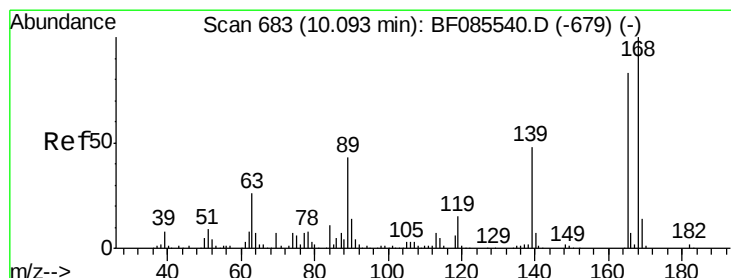
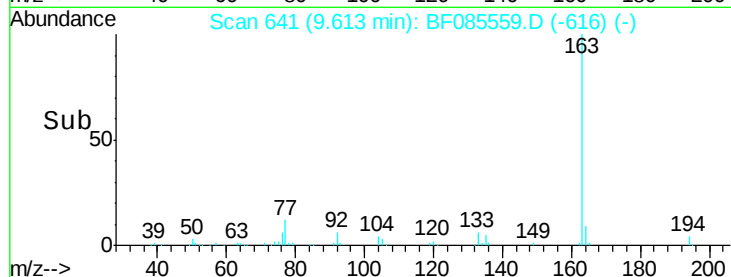
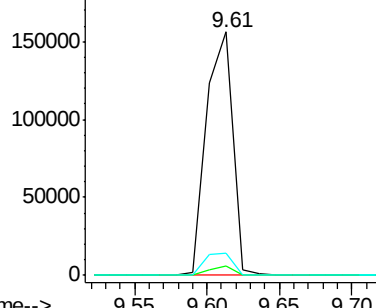
#49
Dimethylphthalate
Concen: 11.14 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF085559.D
Acq: 19 Mar 2016 7:31

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7A

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.3	8.3	12.5

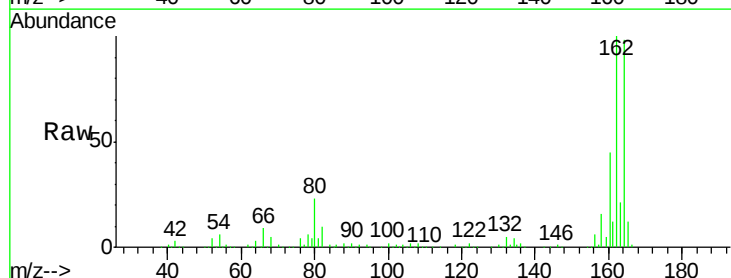


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

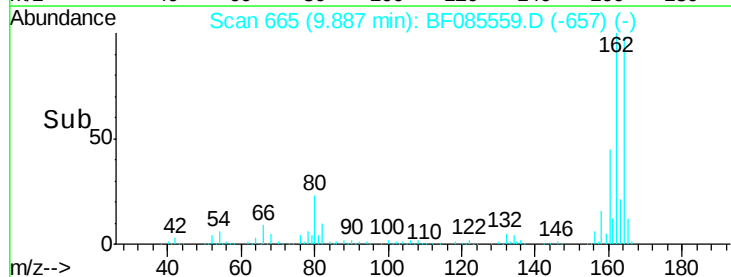
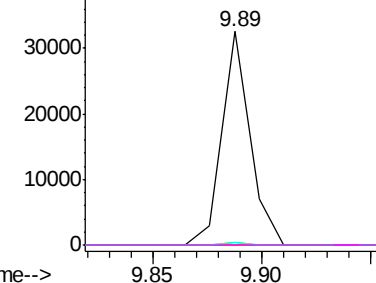


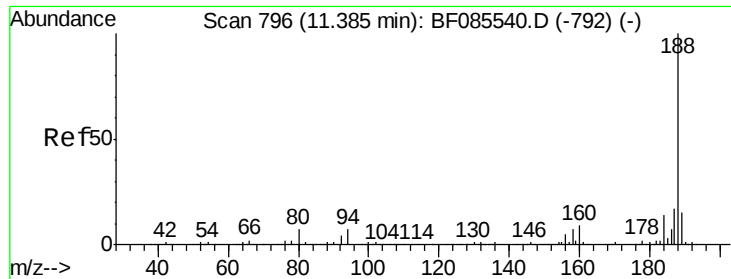
#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.89 min Scan# 665
Delta R.T. -0.21 min
Lab File: BF085559.D
Acq: 19 Mar 2016 7:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.5	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

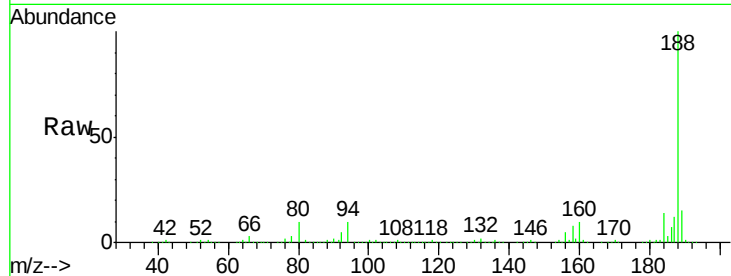




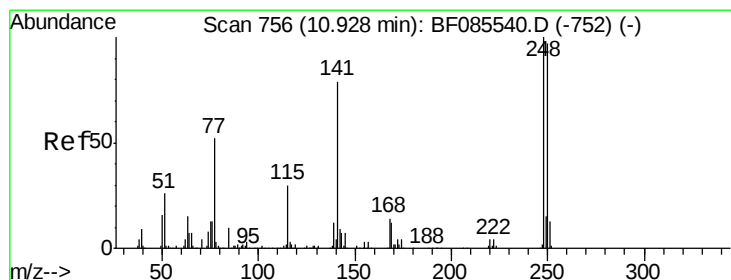
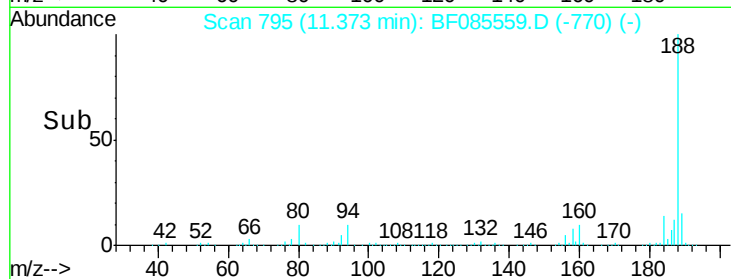
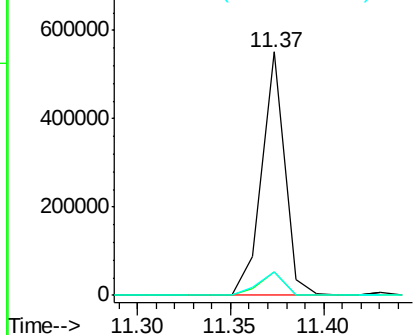
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7A

Tgt Ion:188 Resp: 465493
 Ion Ratio Lower Upper
 188 100
 94 9.6 5.4 8.0#
 80 9.8 5.5 8.3#

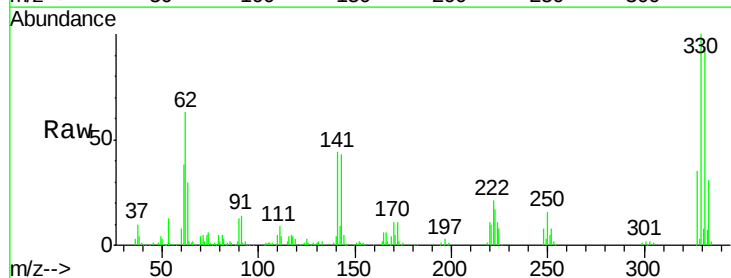


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

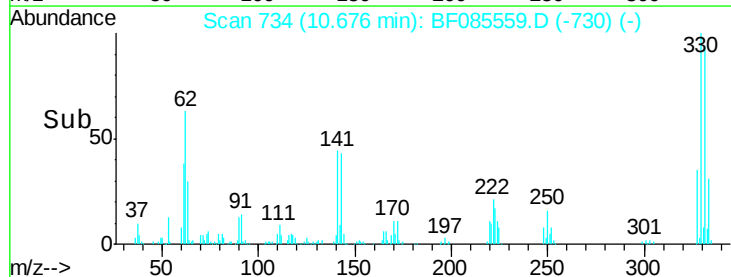
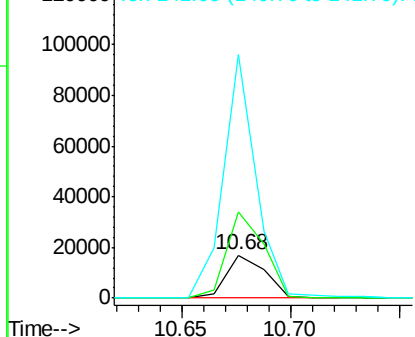


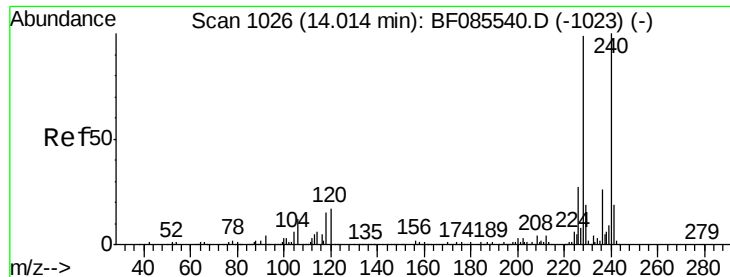
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.25 min
 Lab File: BF085559.D
 Acq: 19 Mar 2016 7:31

Tgt Ion:248 Resp: 20541
 Ion Ratio Lower Upper
 248 100
 250 201.1 77.4 116.0#
 141 569.8 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: BF085559.D

Acq: 19 Mar 2016 7:31

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7A

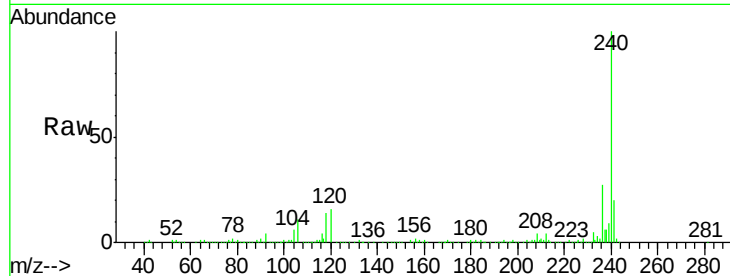
Tgt Ion:240 Resp: 369901

Ion Ratio Lower Upper

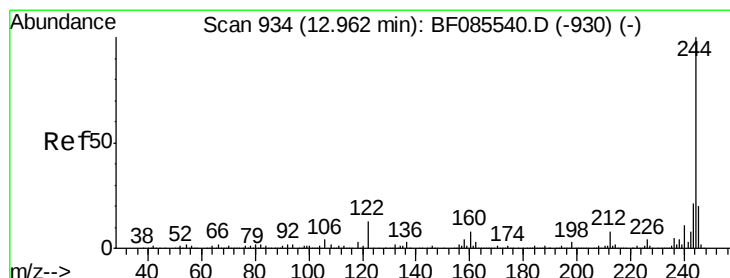
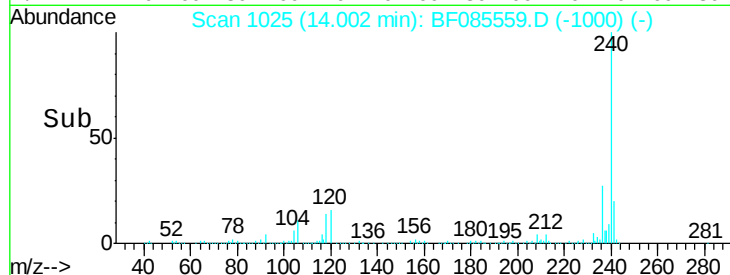
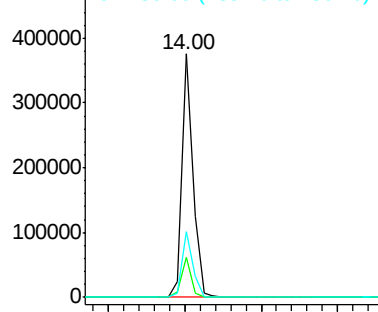
240 100

120 16.4 13.8 20.8

236 26.8 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: 88.49 ng

RT: 12.96 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF085559.D

Acq: 19 Mar 2016 7:31

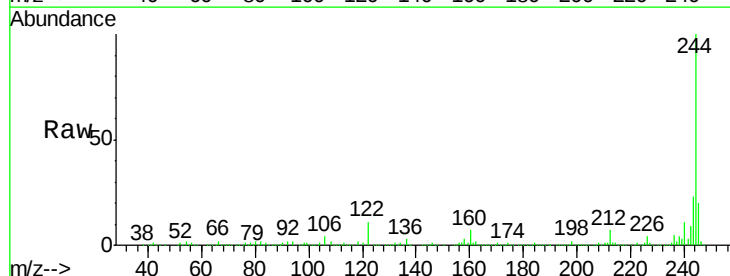
Tgt Ion:244 Resp: 1360175

Ion Ratio Lower Upper

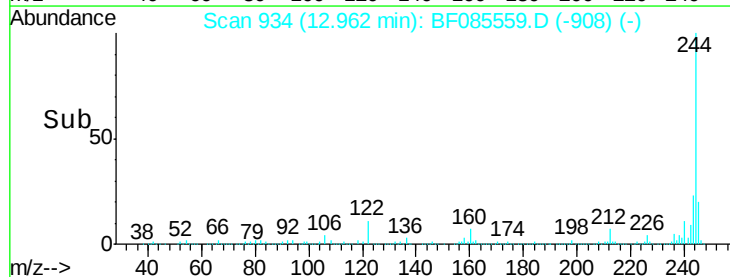
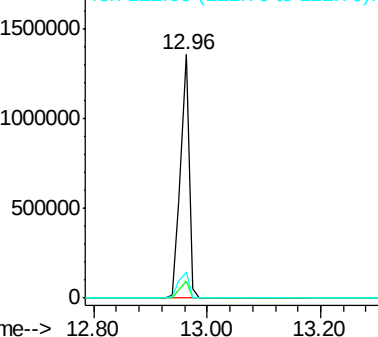
244 100

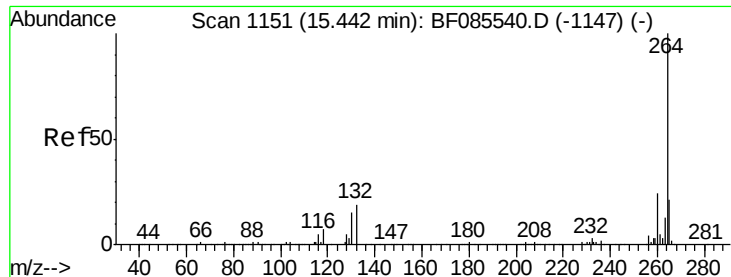
212 7.2 6.1 9.1

122 10.6 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

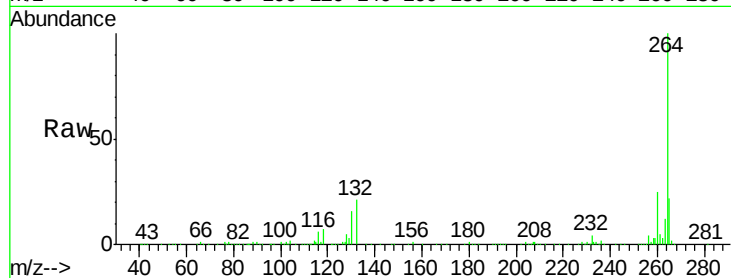




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF085559.D
Acq: 19 Mar 2016 7:31

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	22.0	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

