

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085649.D
 Acq On : 22 Mar 2016 6:12
 Operator : UM/SJ
 Sample : H1837-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Mar 22 05:47:48 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

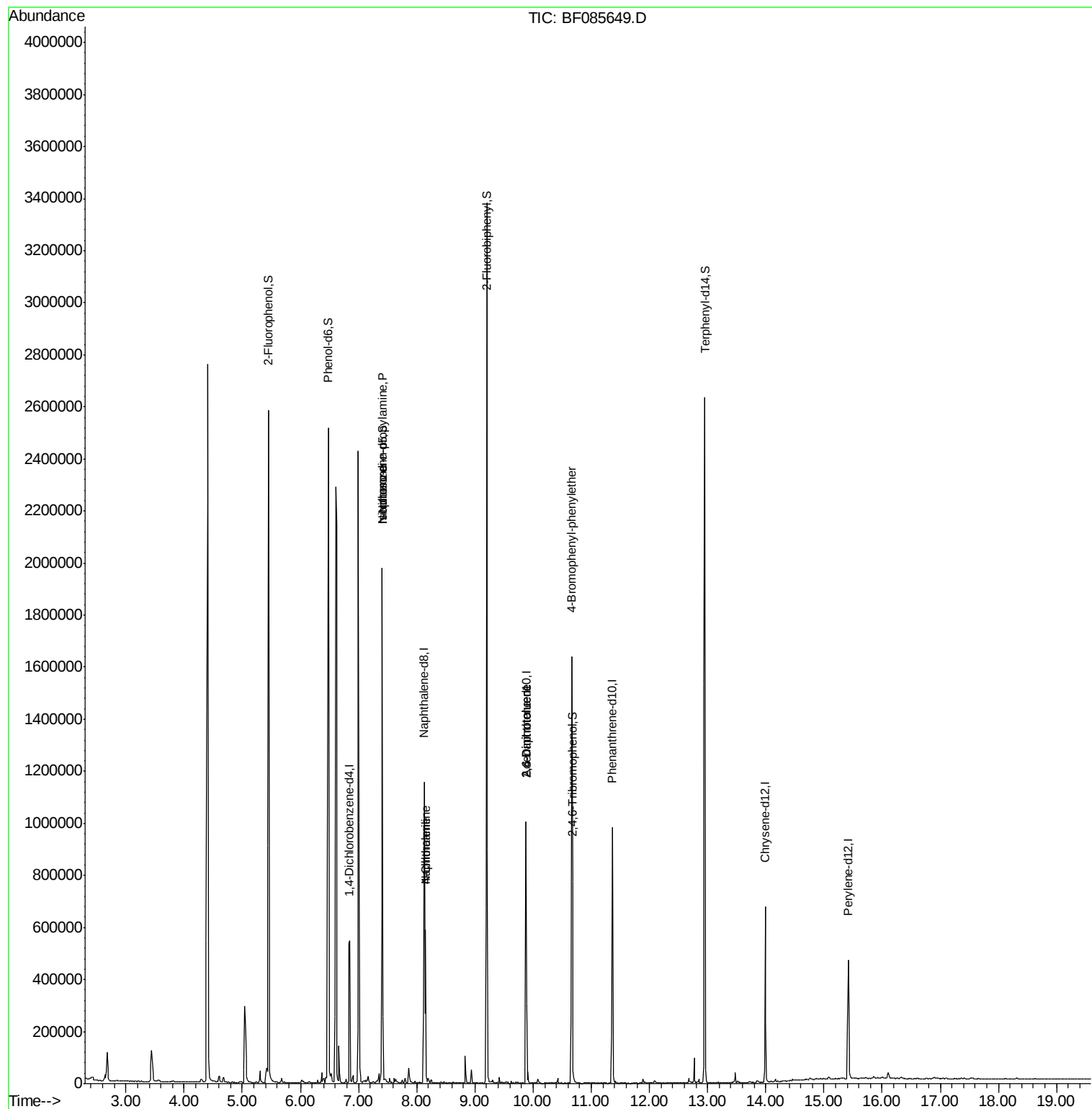
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	125623	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	513831	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	199350	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	338880	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	239461	20.00	ng	-0.02
86) Perylene-d12	15.42	264	208190	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	858363	114.77	ng	0.00
7) Phenol-d6	6.48	99	1058187	110.32	ng	-0.01
23) Nitrobenzene-d5	7.41	82	714512	80.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	253663	129.90	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1183031	108.78	ng	-0.02
78) Terphenyl-d14	12.95	244	993469	99.83	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2354	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	95499	16.67	ng	# 78
25) Isophorone	7.41	82	539737	30.45	ng	# 68
31) Naphthalene	8.15	128	287896	11.10	ng	# 97
33) 4-Chloroaniline	8.15	127	36652	3.45	ng	# 35
50) 2,6-Dinitrotoluene	9.88	165	25572	8.05	ng	# 19
56) 2,4-Dinitrotoluene	9.88	165	25568	6.15	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	16193	4.78	ng	# 1

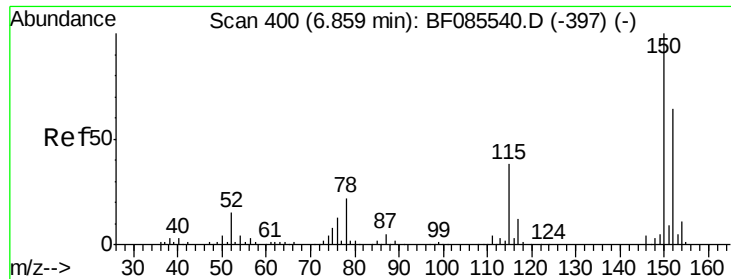
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

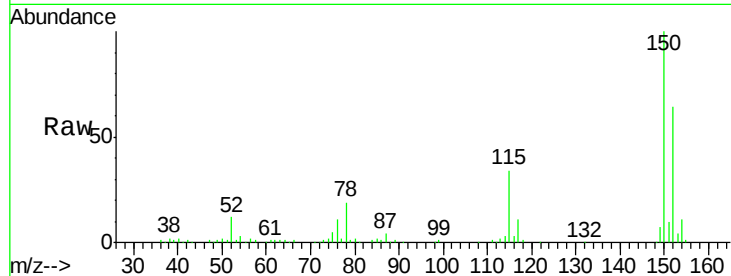
Tgt Ion:152 Resp: 125623

Ion Ratio Lower Upper

152 100

150 155.4 124.2 186.2

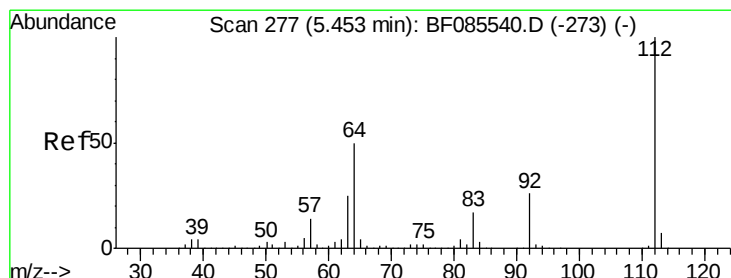
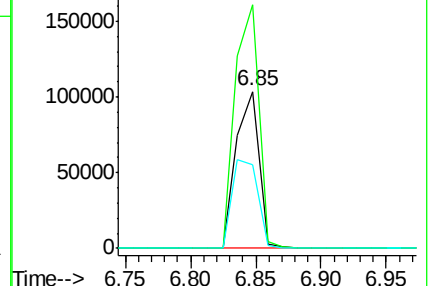
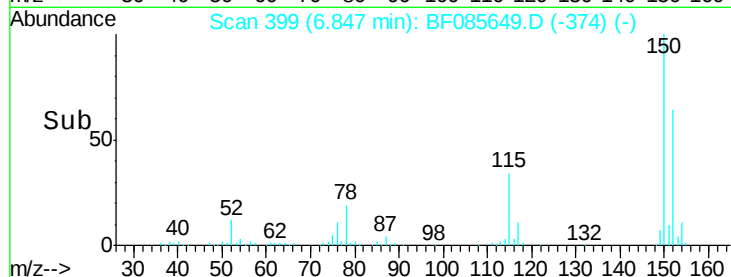
115 53.3 47.0 70.6



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: 114.77 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

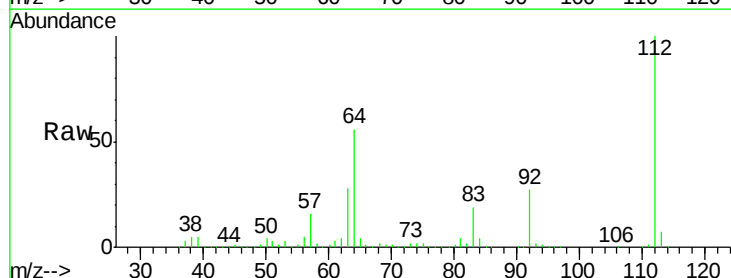
Tgt Ion:112 Resp: 858363

Ion Ratio Lower Upper

112 100

64 55.6 39.9 59.9

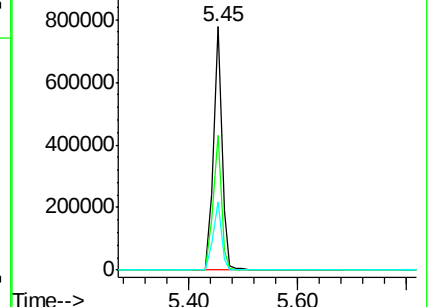
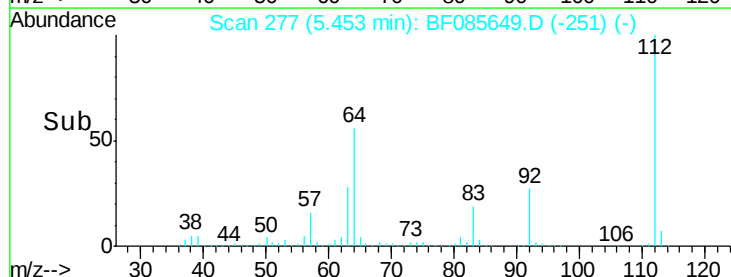
63 28.3 20.2 30.2

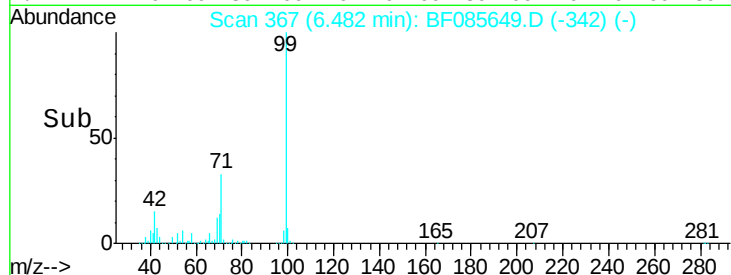
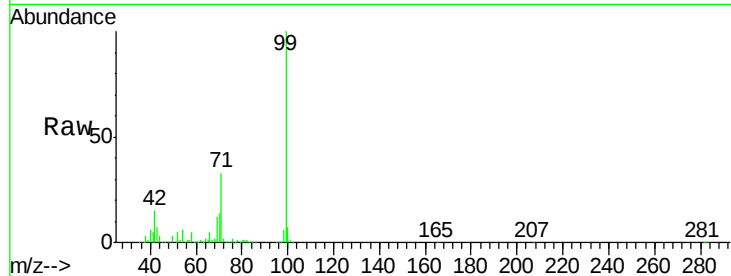
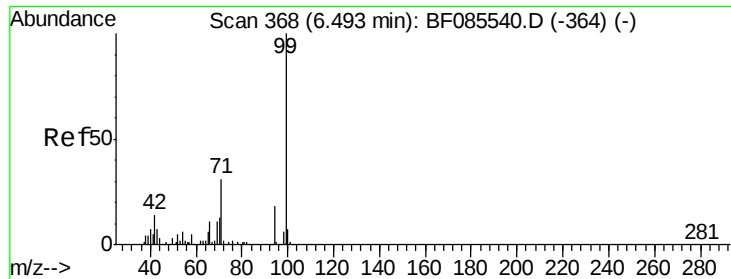


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.32 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

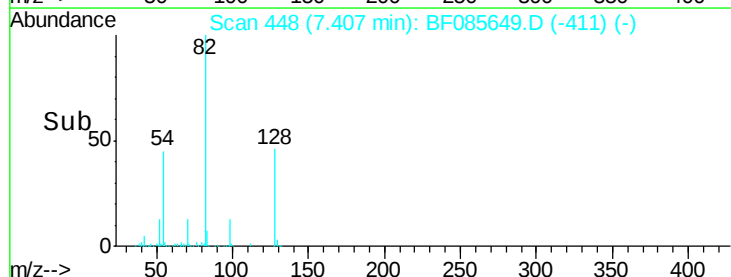
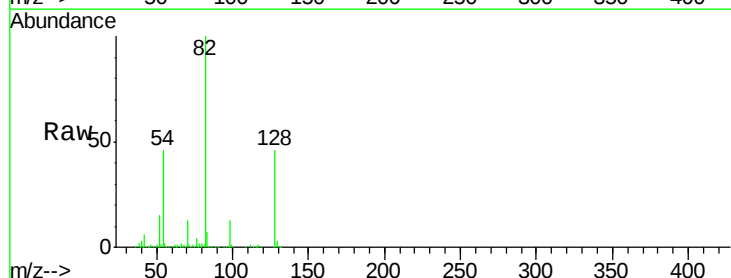
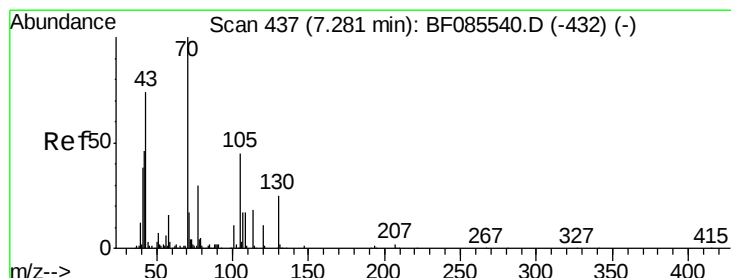
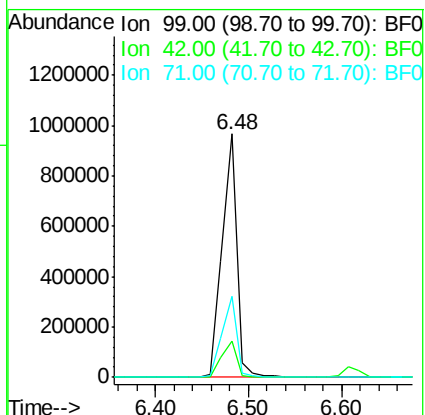
Tgt Ion: 99 Resp: 1058187

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 33.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.67 ng

RT: 7.41 min Scan# 448

Delta R.T. 0.13 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Tgt Ion: 70 Resp: 95499

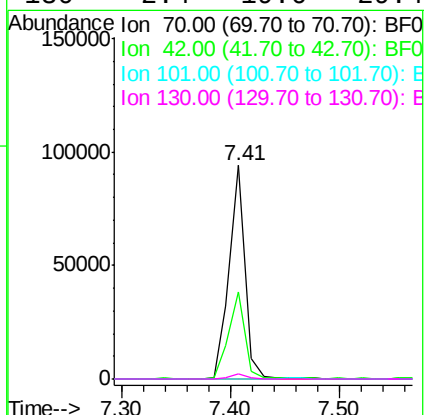
Ion Ratio Lower Upper

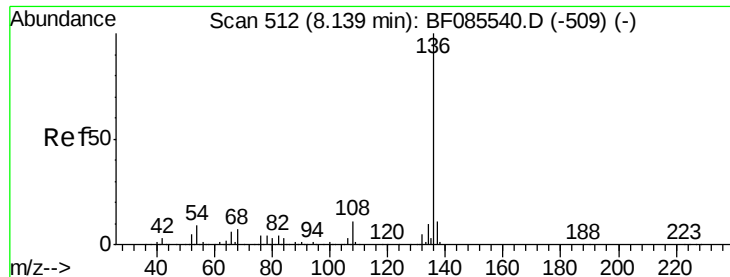
70 100

42 41.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

Tgt Ion:136 Resp: 513831

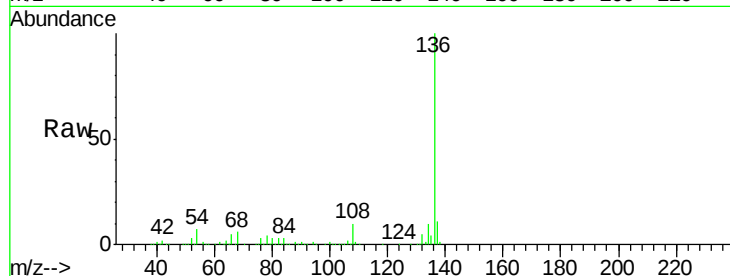
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.5 7.4 11.0#

68 5.5 5.8 8.8#

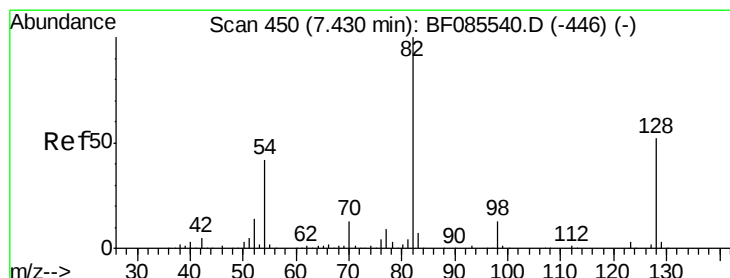
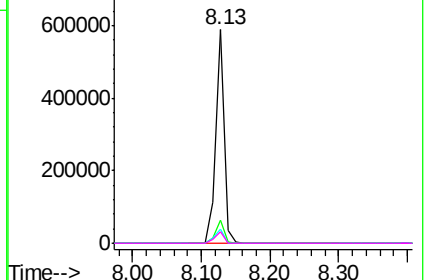
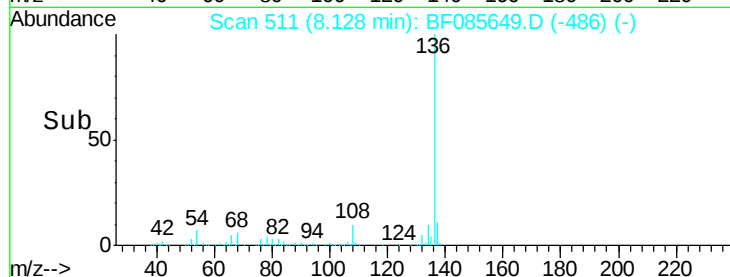


Abundance Ion 136.00 (135.70 to 136.70): E

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: 80.72 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

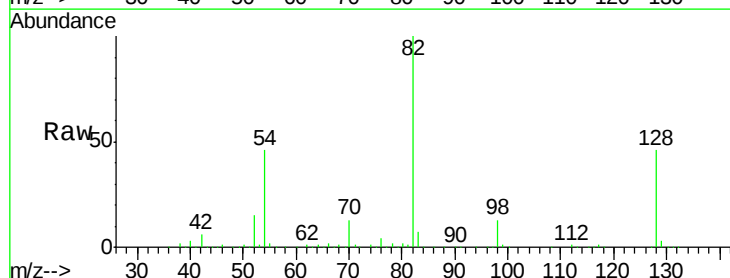
Tgt Ion: 82 Resp: 714512

Ion Ratio Lower Upper

82 100

128 45.9 41.8 62.8

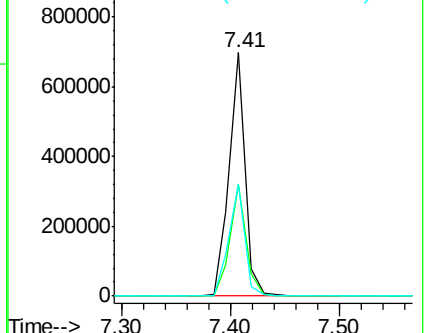
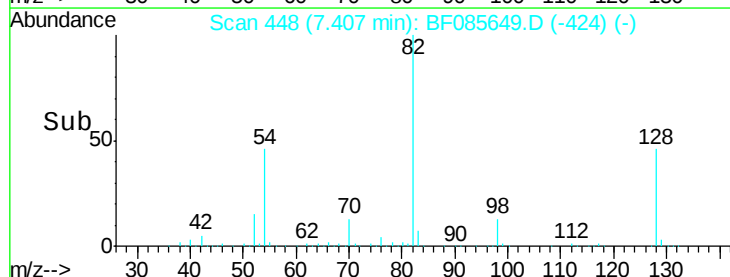
54 46.0 33.4 50.0

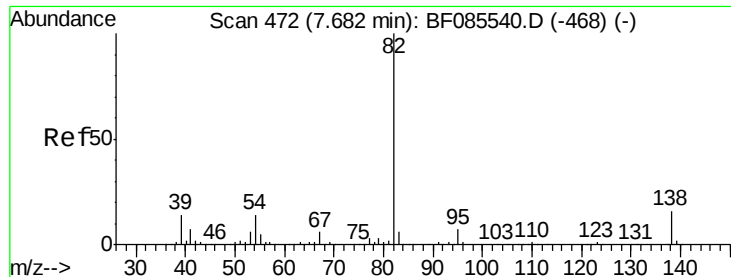


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 30.45 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.27 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

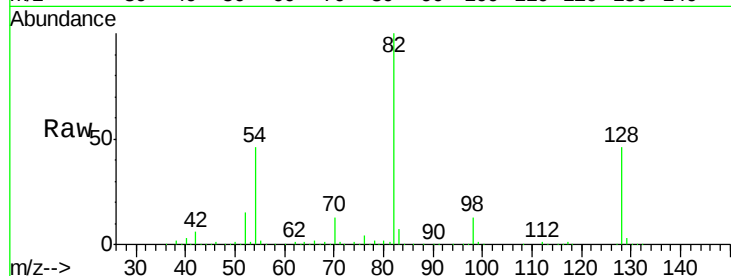
Tgt Ion: 82 Resp: 539737

Ion Ratio Lower Upper

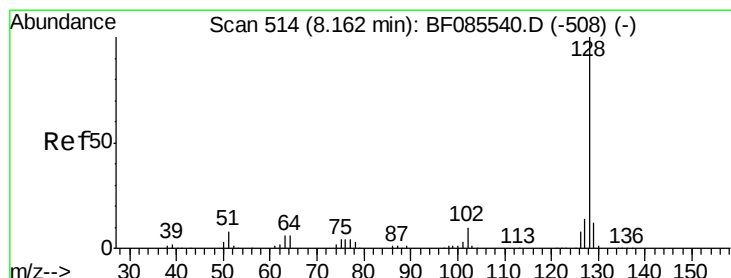
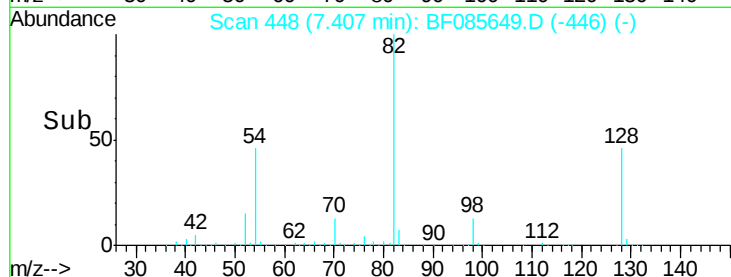
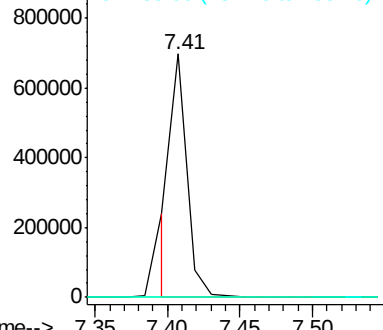
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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



#31

Naphthalene

Concen: 11.10 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

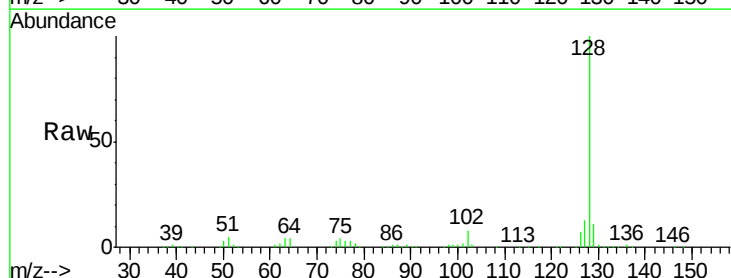
Tgt Ion: 128 Resp: 287896

Ion Ratio Lower Upper

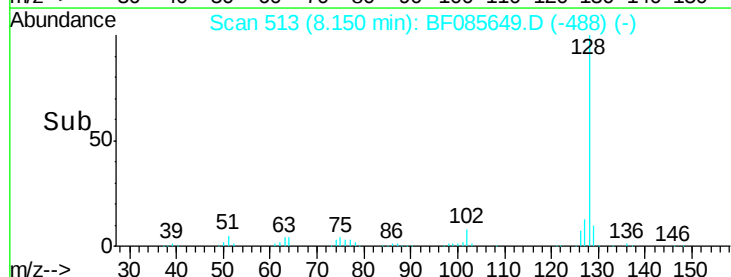
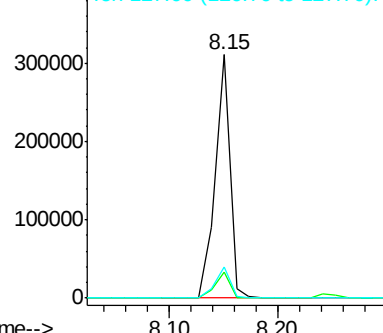
128 100

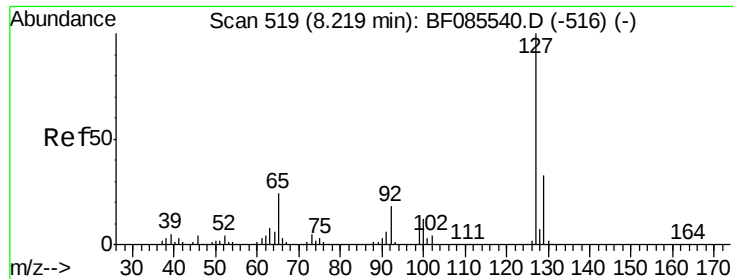
129 10.7 9.4 14.0

127 12.8 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

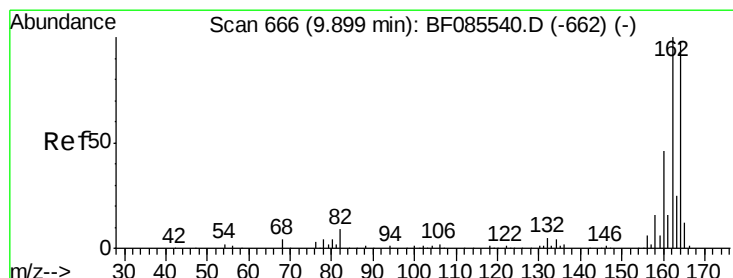
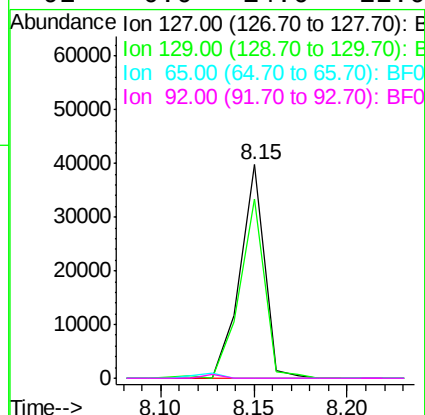
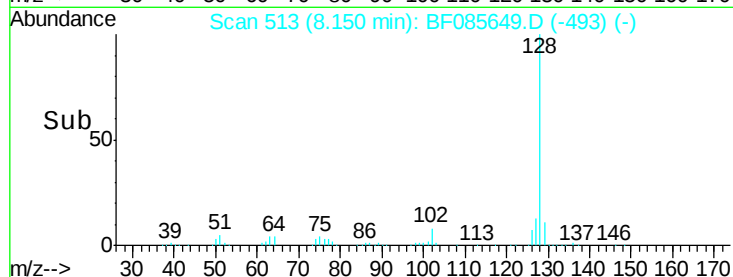
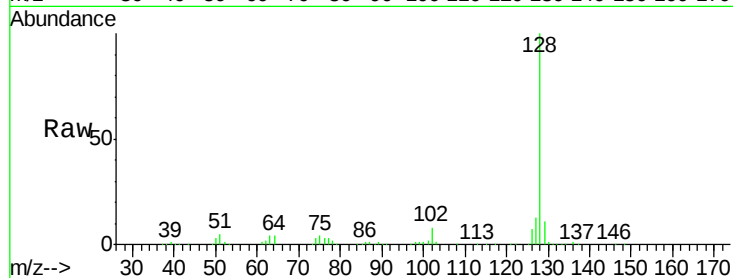




#33
4-Chloroaniline
Concen: 3.45 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.07 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

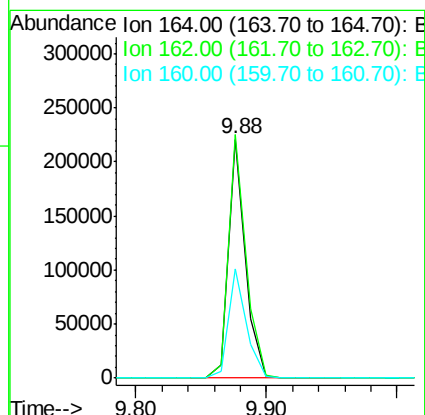
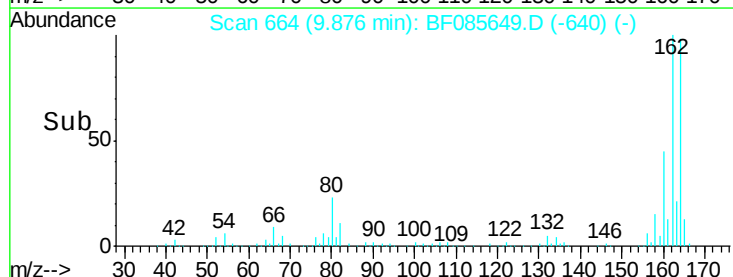
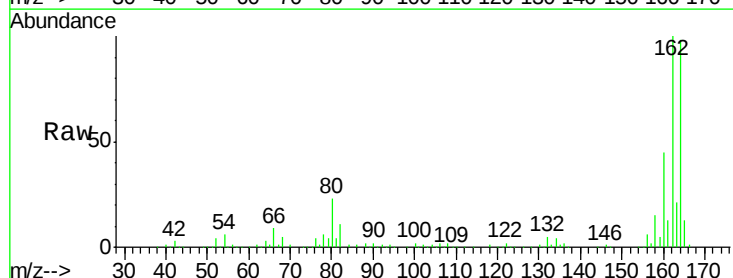
Instrument :
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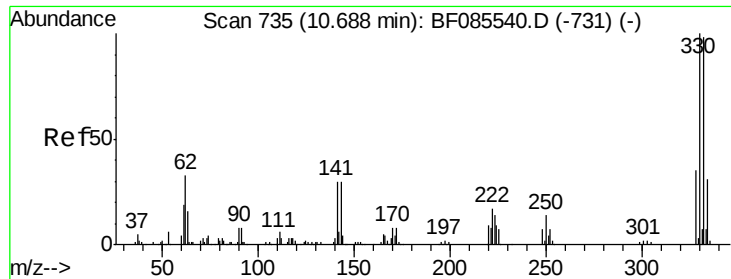
Tgt Ion:	127	Resp:	36652
Ion Ratio	Lower	Upper	
127	100		
129	83.7	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:	164	Resp:	199350
Ion Ratio	Lower	Upper	
164	100		
162	102.1	82.1	123.1
160	46.0	37.4	56.2

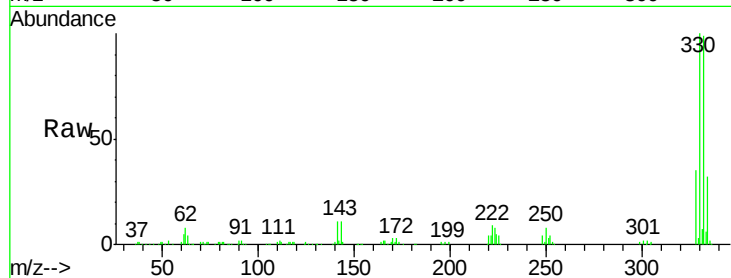




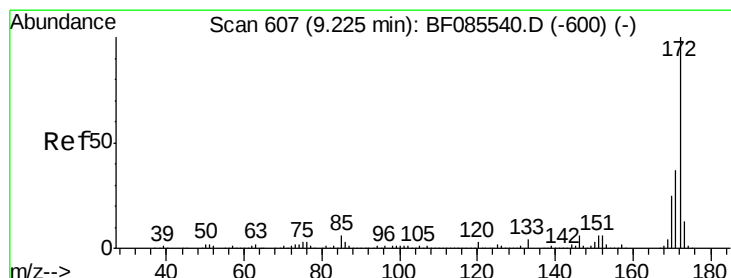
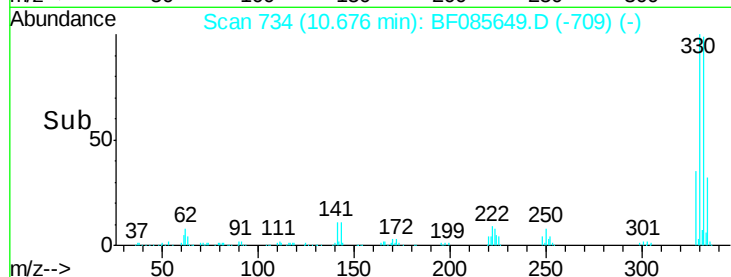
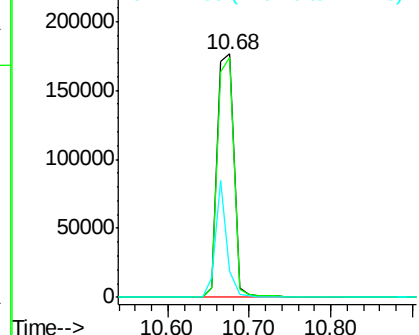
#41
 2,4,6-Tribromophenol
 Concen: 129.90 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085649.D
 Acq: 22 Mar 2016 6:12

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

Tgt Ion:330 Resp: 253663
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 33.5 31.5 47.3

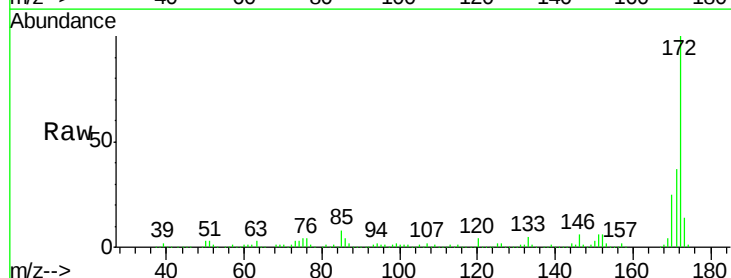


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

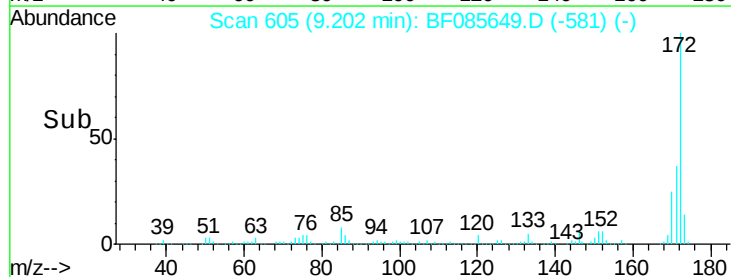
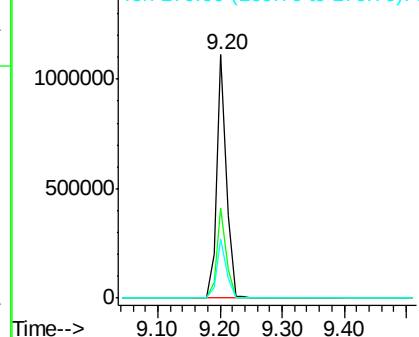


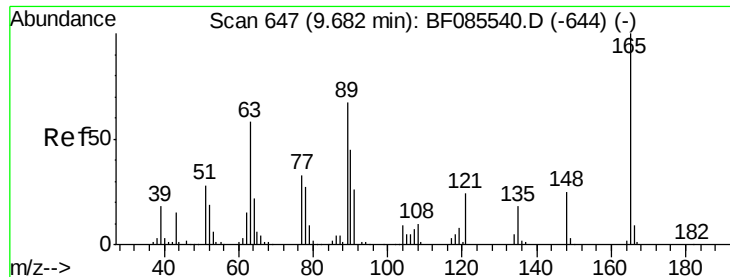
#44
 2-Fluorobiphenyl
 Concen: 108.78 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085649.D
 Acq: 22 Mar 2016 6:12

Tgt Ion:172 Resp: 1183031
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.5 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

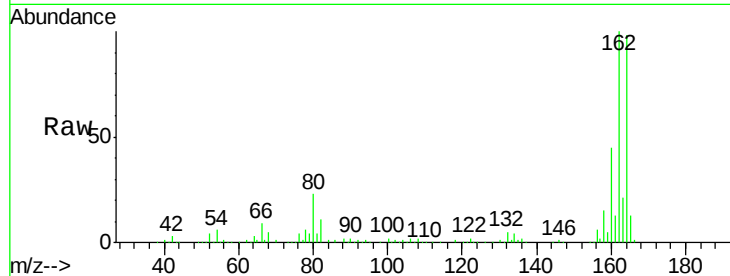




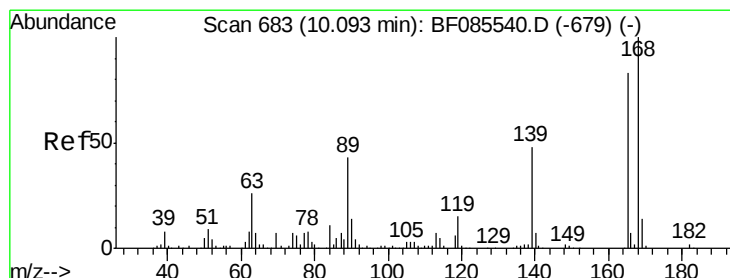
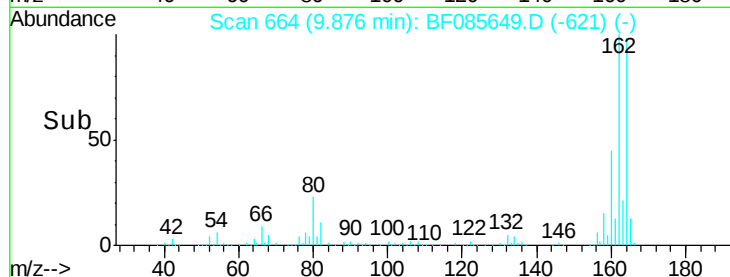
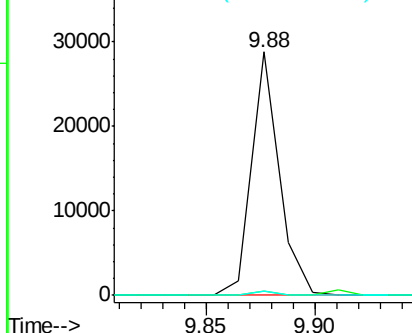
#50
2,6-Dinitrotoluene
Concen: 8.05 ng
RT: 9.88 min Scan# 664
Delta R.T. 0.19 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

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

Tgt Ion:165 Resp: 25572
Ion Ratio Lower Upper
165 100
63 1.9 51.8 77.8#
89 1.5 53.7 80.5#

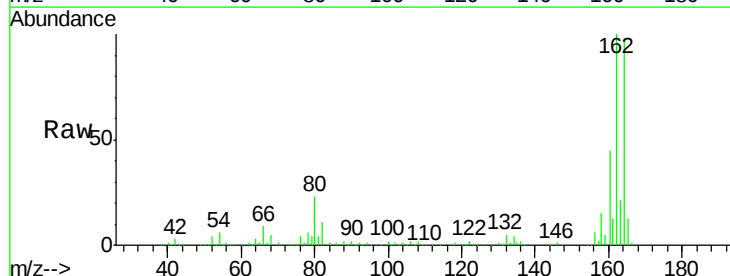


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

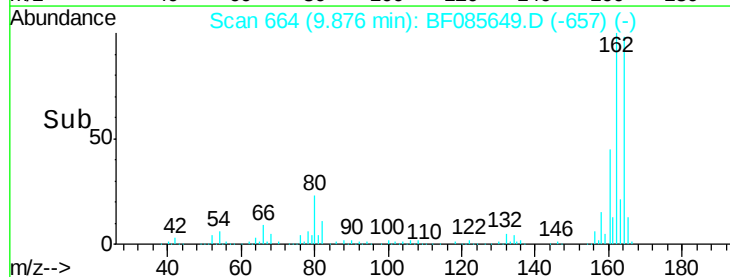
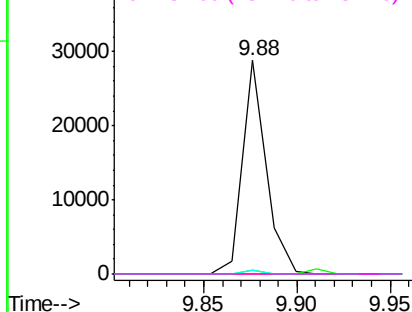


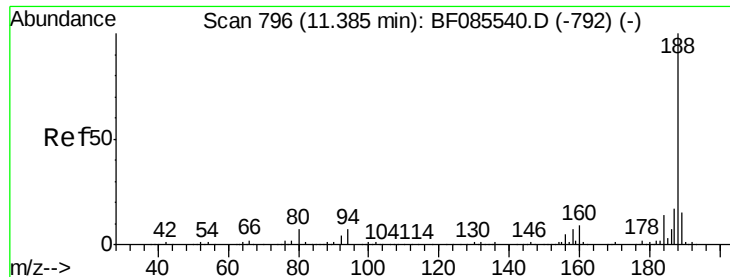
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.22 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:165 Resp: 25568
Ion Ratio Lower Upper
165 100
63 1.9 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

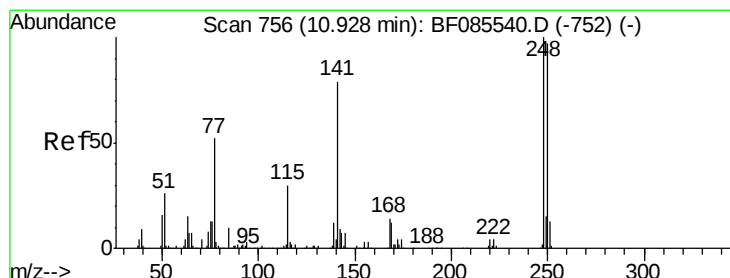
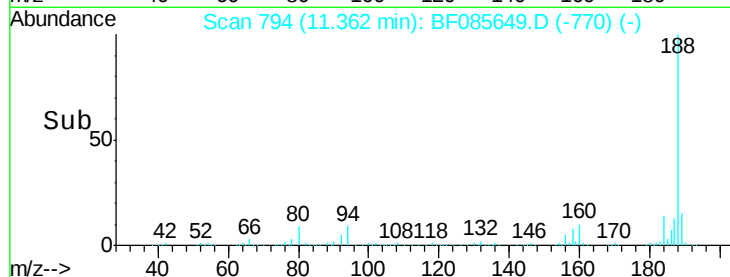
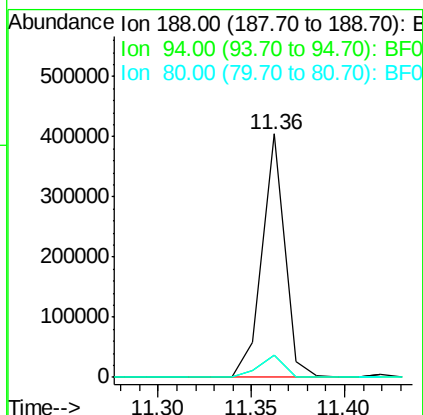
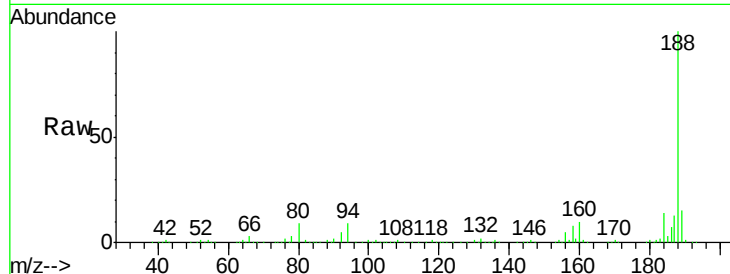




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

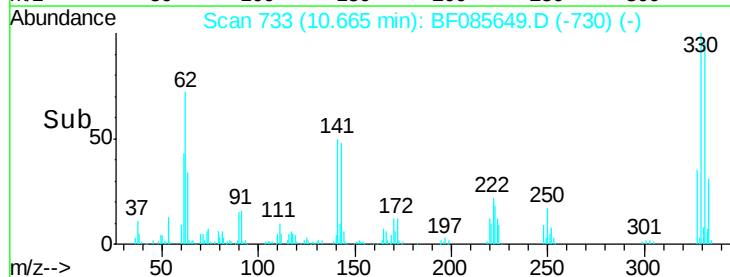
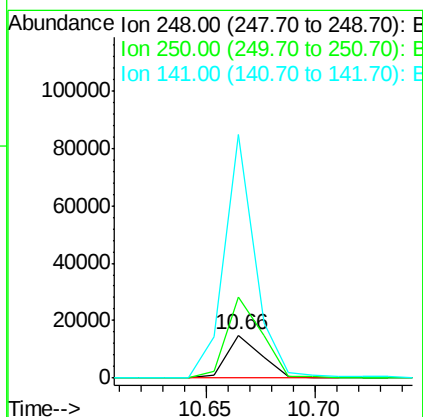
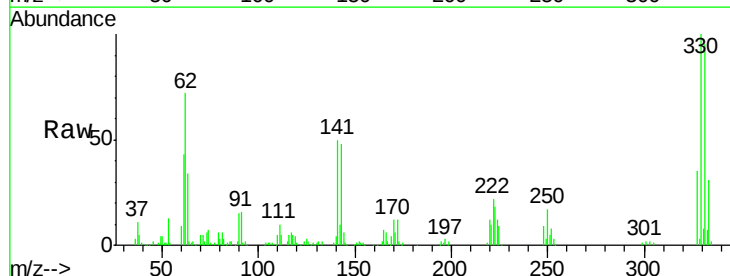
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-11A

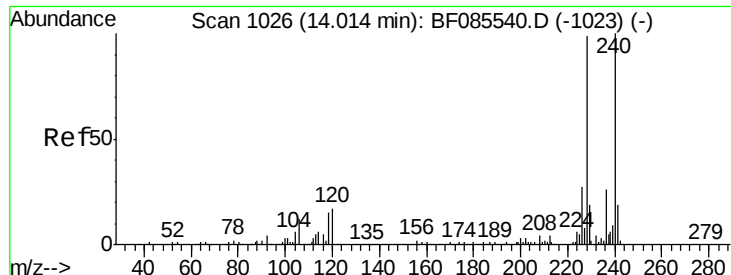
Tgt Ion:188 Resp: 338880
Ion Ratio Lower Upper
188 100
94 9.1 5.4 8.0#
80 9.1 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085649.D
Acq: 22 Mar 2016 6:12

Tgt Ion:248 Resp: 16193
Ion Ratio Lower Upper
248 100
250 189.7 77.4 116.0#
141 566.4 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

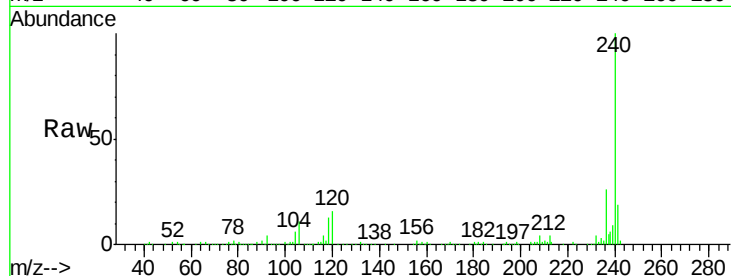
Tgt Ion:240 Resp: 239461

Ion Ratio Lower Upper

240 100

120 15.8 13.8 20.8

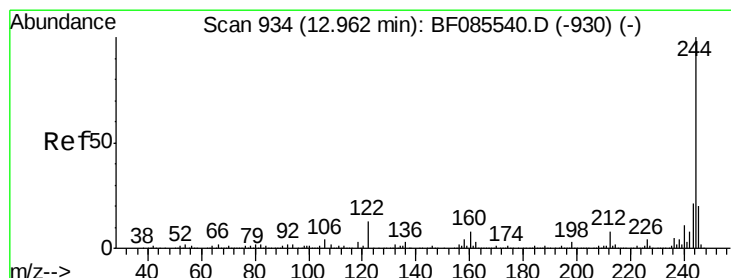
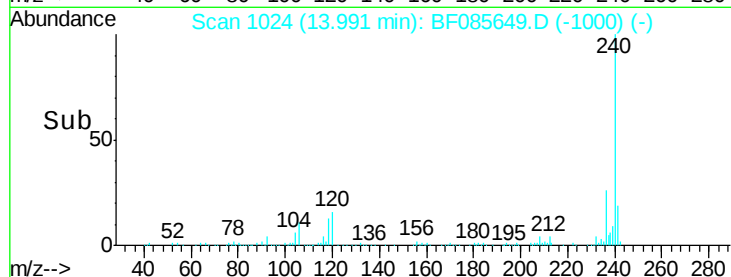
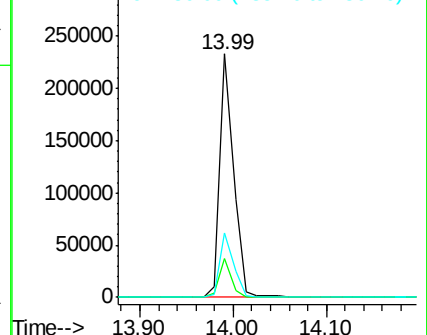
236 26.3 20.6 30.8



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: 99.83 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

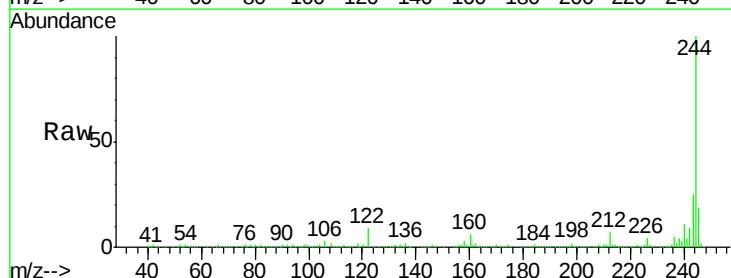
Tgt Ion:244 Resp: 993469

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

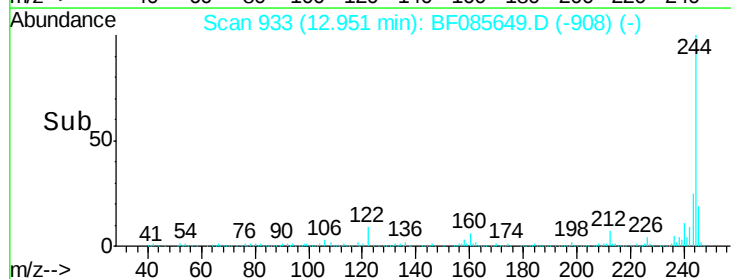
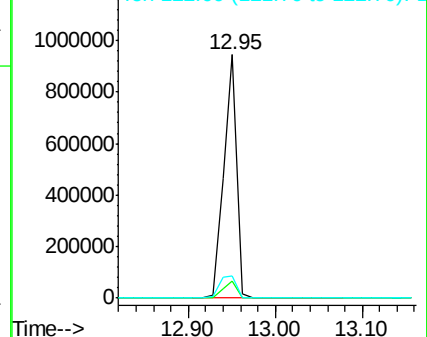
122 8.9 10.2 15.4#

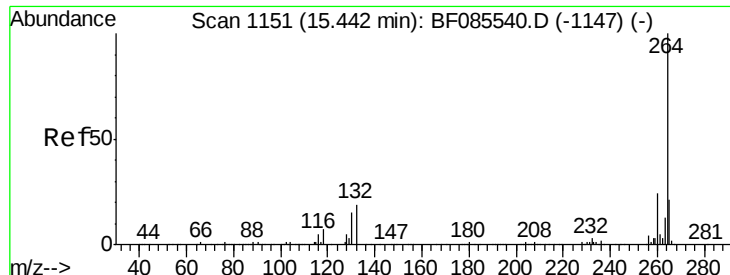


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF085649.D

Acq: 22 Mar 2016 6:12

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-11A

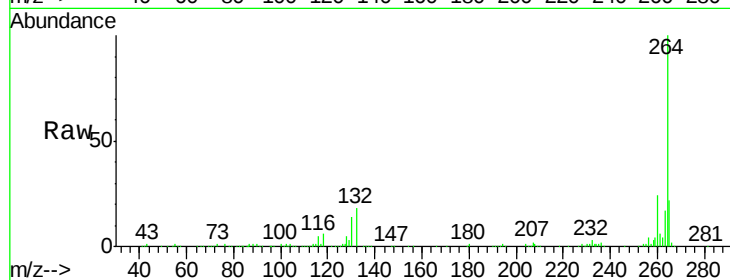
Tgt Ion:264 Resp: 208190

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.5 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

