

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085676.D
 Acq On : 22 Mar 2016 23:28
 Operator : UM/SJ
 Sample : H1858-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12B

Quant Time: Mar 23 00:08:21 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

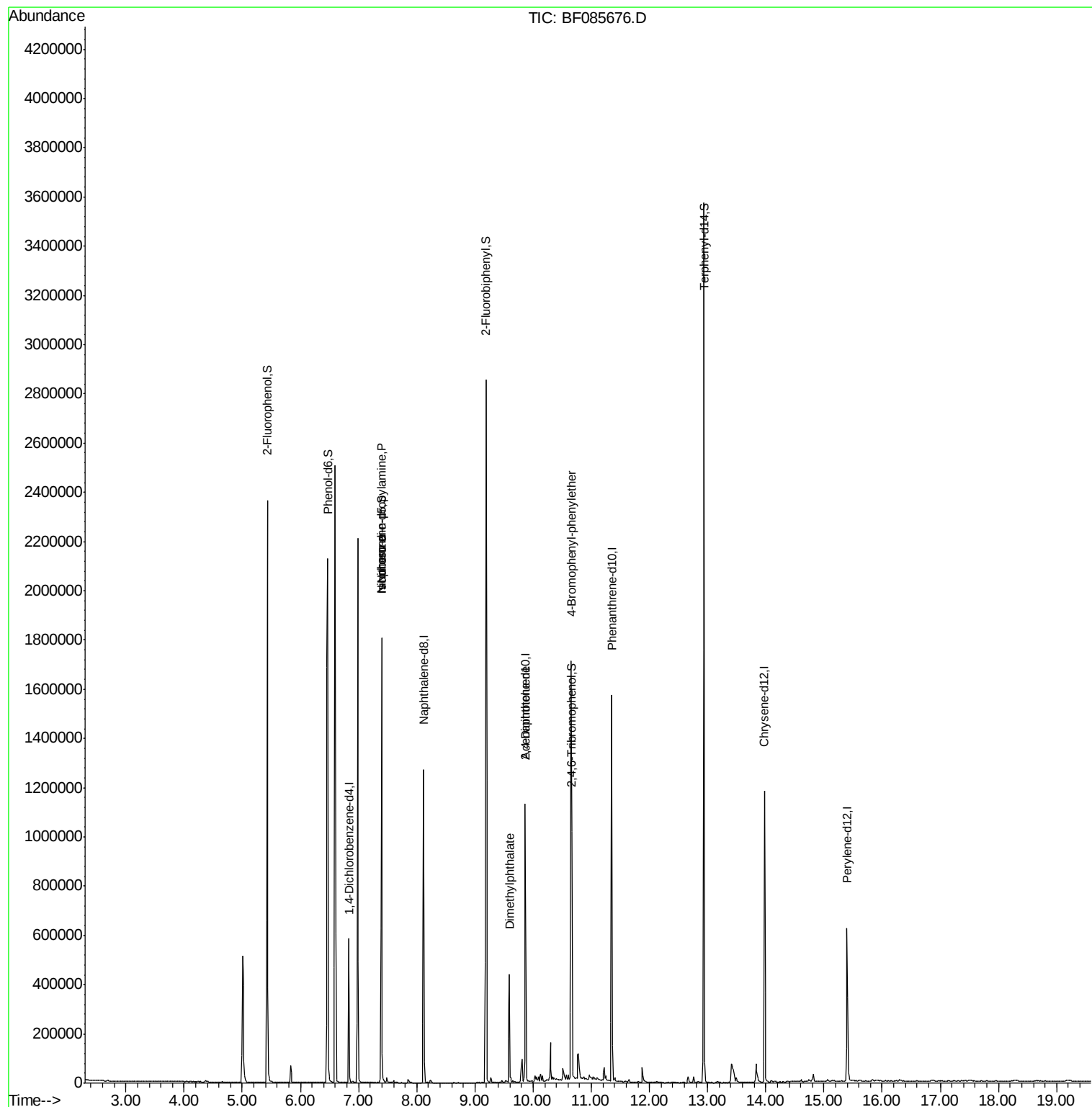
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128634	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	557242	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	258451	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	536093	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	407683	20.00	ng	-0.03
86) Perylene-d12	15.40	264	293945	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	734308	95.88	ng	-0.02
7) Phenol-d6	6.47	99	1121518	114.18	ng	-0.02
23) Nitrobenzene-d5	7.40	82	641603	66.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	295644	116.78	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1102133	69.48	ng	-0.03
78) Terphenyl-d14	12.94	244	1268334	74.86	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	84476	14.40	ng	# 78
25) Isophorone	7.40	82	485863	25.28	ng	# 68
49) Dimethylphthalate	9.59	163	199010	10.20	ng	99
56) 2,4-Dinitrotoluene	9.86	165	32817	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	18066	3.37	ng	# 1

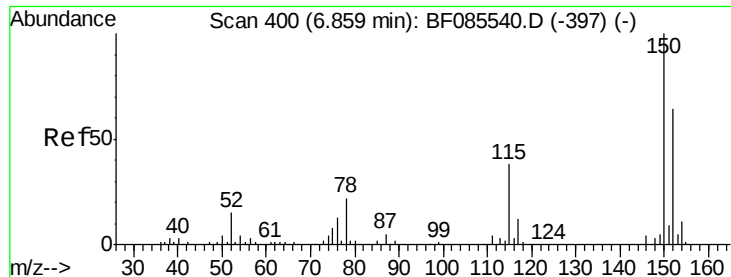
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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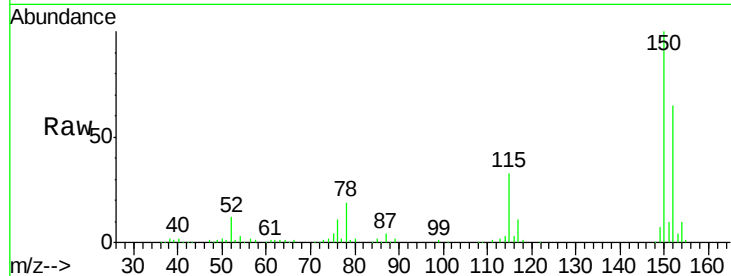


#1

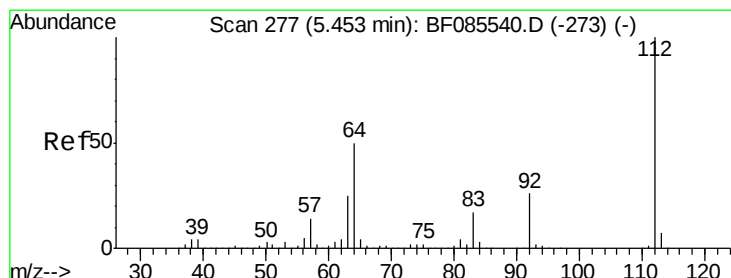
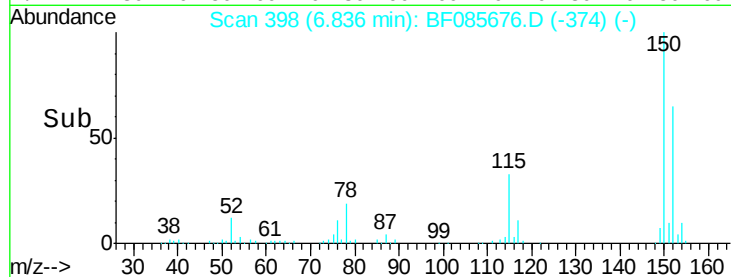
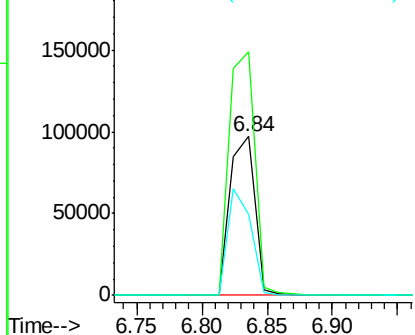
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12B

Tgt Ion:152 Resp: 128634
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.2 186.2
 115 51.3 47.0 70.6



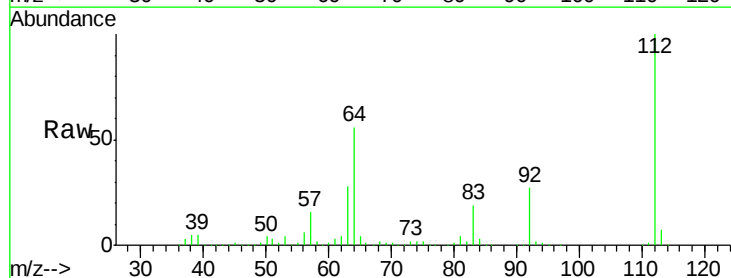
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



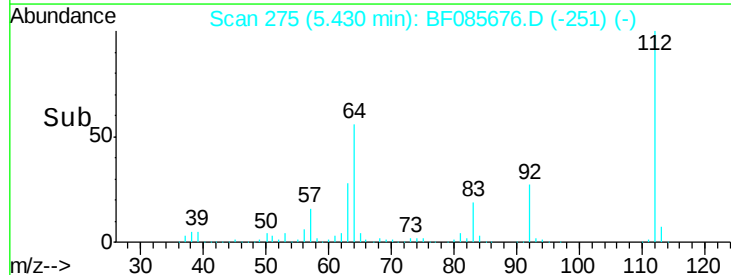
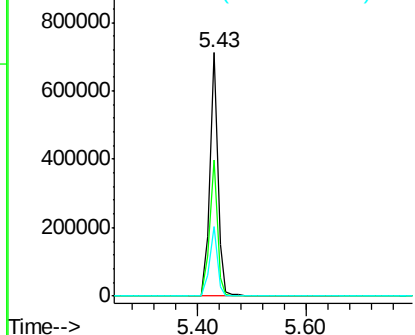
#5

2-Fluorophenol
 Concen: 95.88 ng
 RT: 5.43 min Scan# 275
 Delta R.T. -0.02 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Tgt Ion:112 Resp: 734308
 Ion Ratio Lower Upper
 112 100
 64 55.8 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: 114.18 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12B

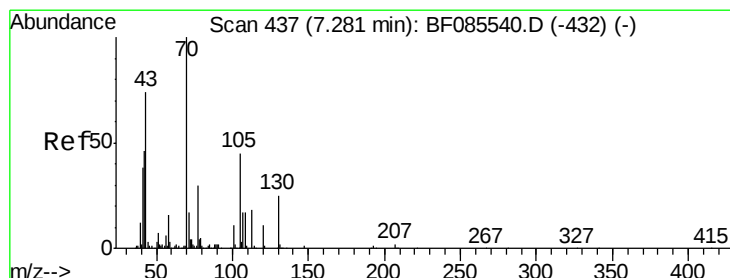
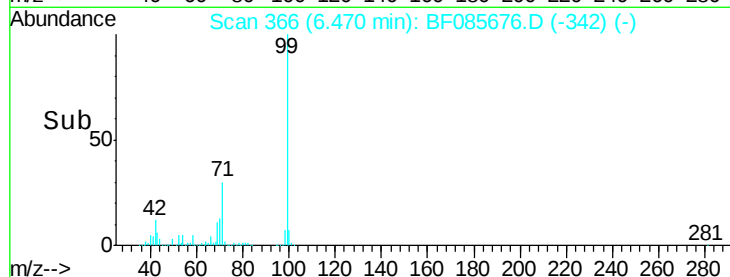
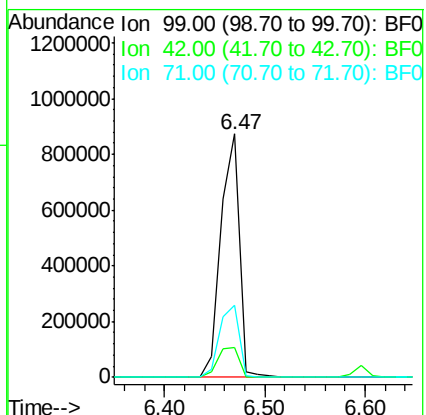
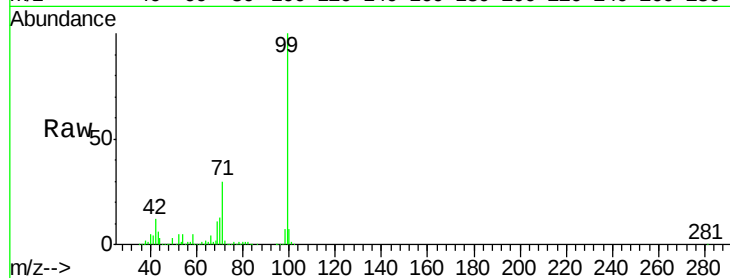
Tgt Ion: 99 Resp: 1121518

Ion Ratio Lower Upper

99 100

42 12.3 11.1 16.7

71 29.7 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.40 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Tgt Ion: 70 Resp: 84476

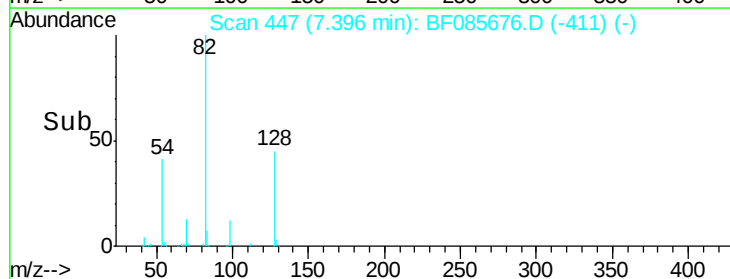
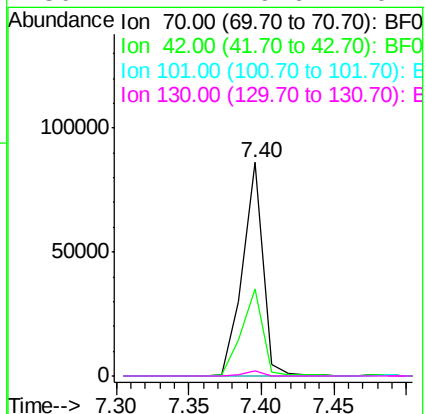
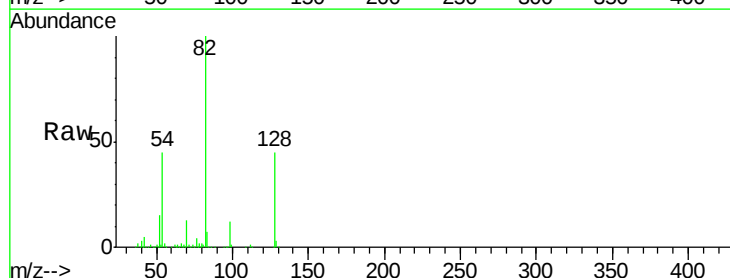
Ion Ratio Lower Upper

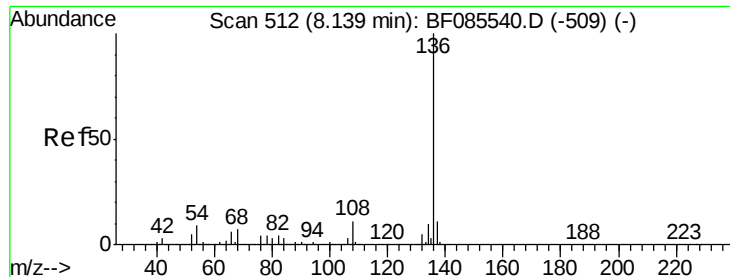
70 100

42 40.7 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

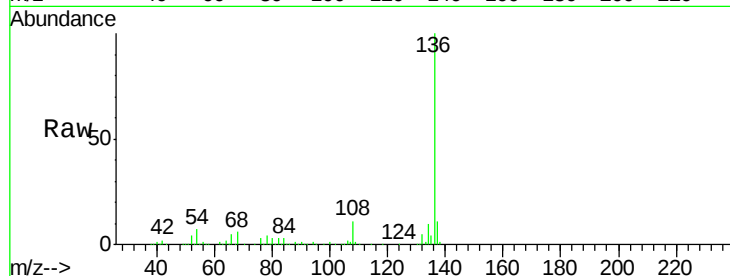




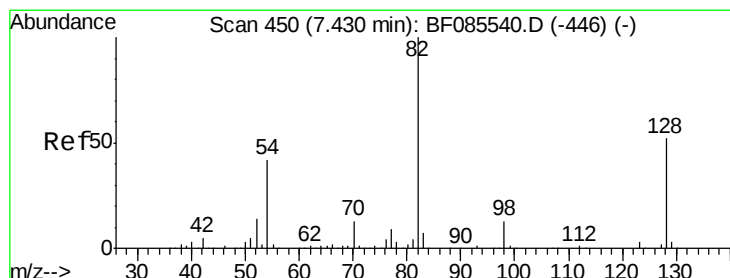
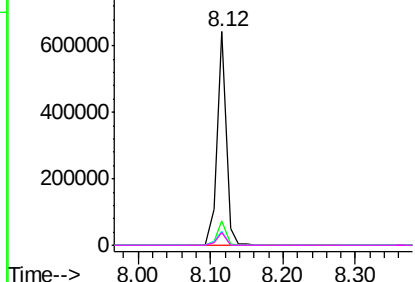
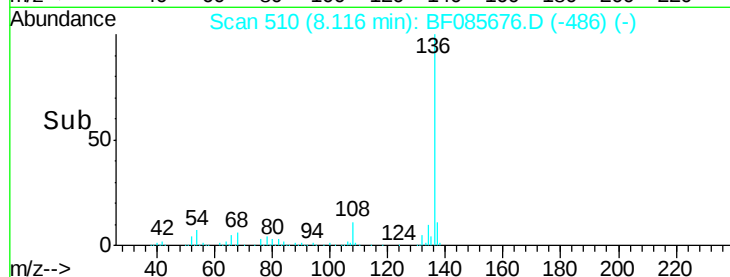
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-12B

Tgt Ion:	136	Resp:	557242
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	7.4	11.0#
68	5.8	5.8	8.8#

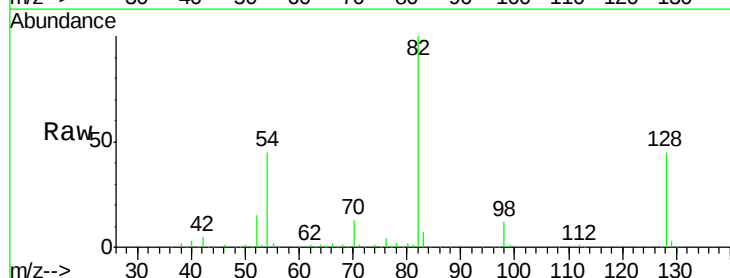


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

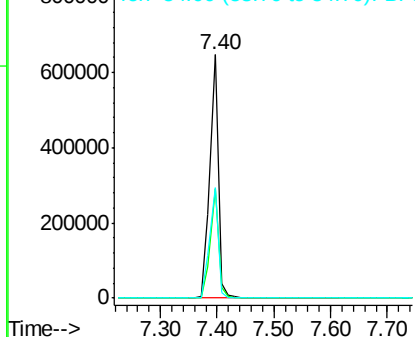
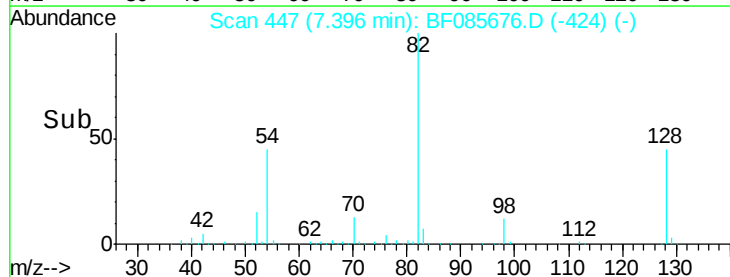


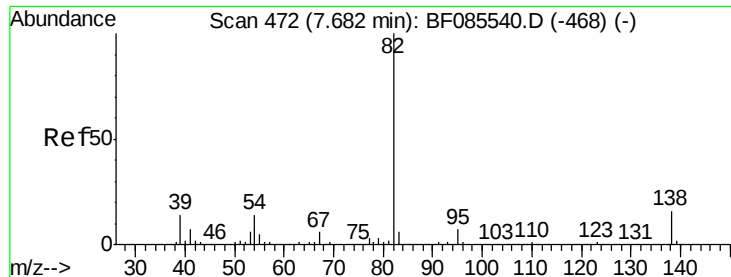
#23
Nitrobenzene-d5
Concen: 66.83 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085676.D
Acq: 22 Mar 2016 23:28

Tgt Ion:	82	Resp:	641603
Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	45.4	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: 25.28 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12B

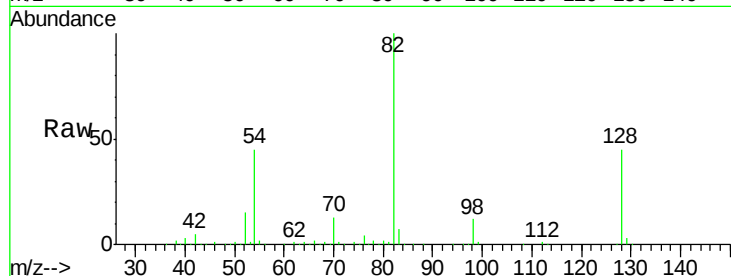
Tgt Ion: 82 Resp: 485863

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

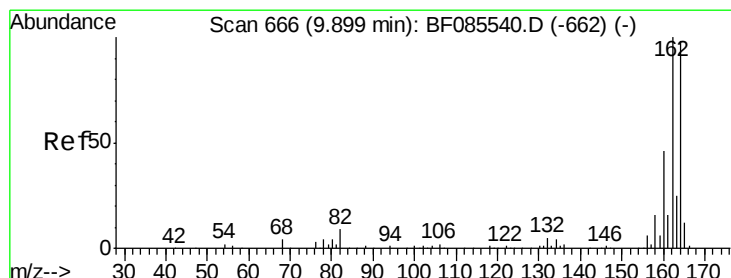
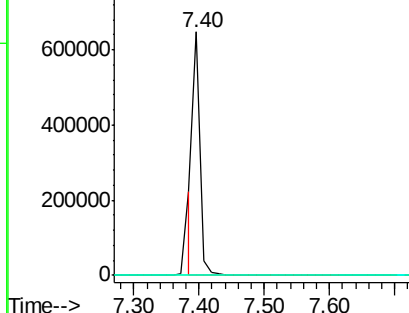
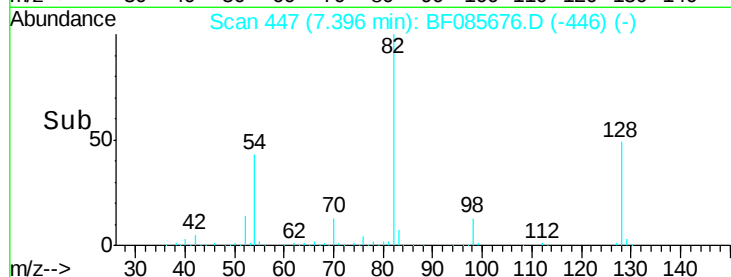
138 0.0 12.9 19.3#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

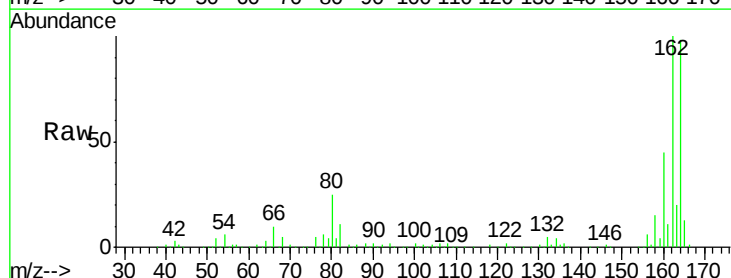
Tgt Ion: 164 Resp: 258451

Ion Ratio Lower Upper

164 100

162 101.5 82.1 123.1

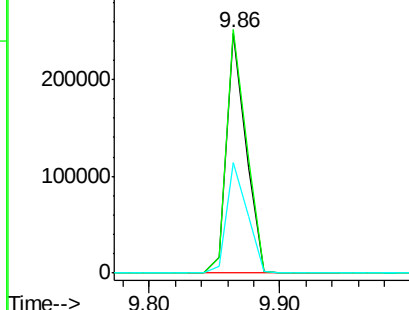
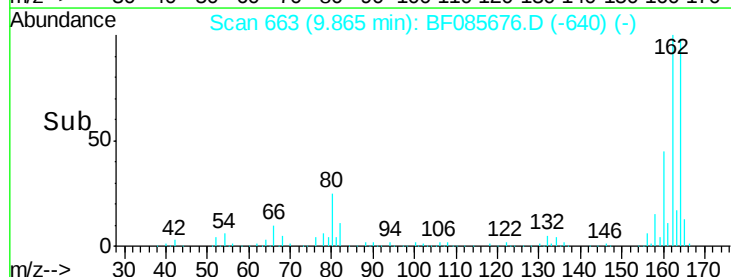
160 46.0 37.4 56.2

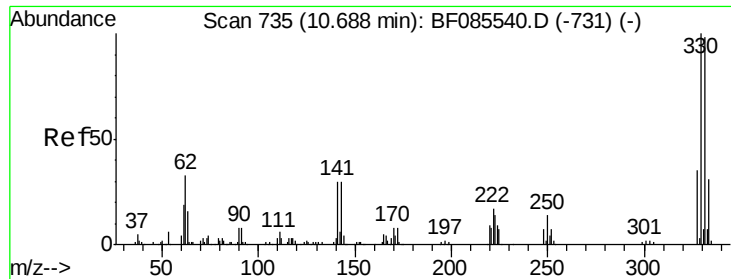


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

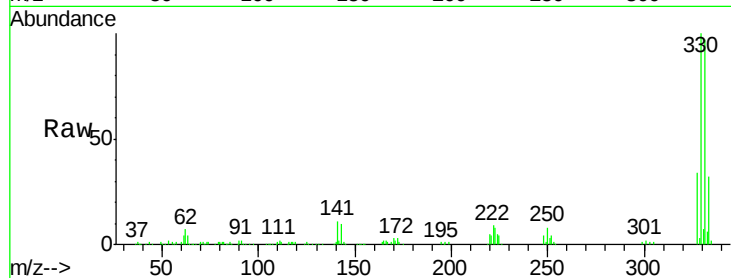




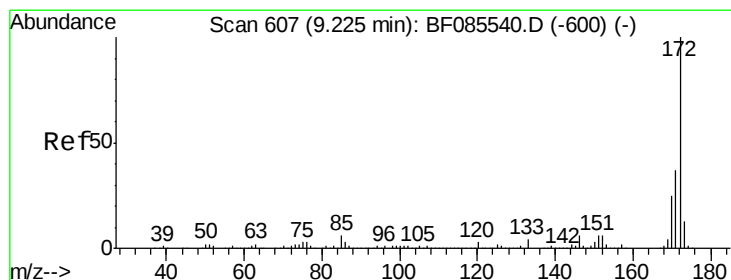
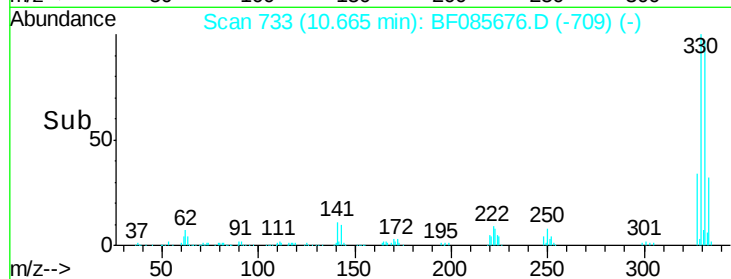
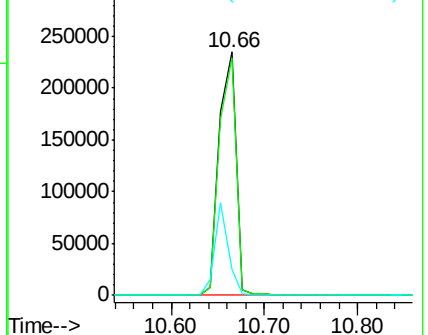
#41
 2,4,6-Tribromophenol
 Concen: 116.78 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12B

Tgt Ion:330 Resp: 295644
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 31.0 31.5 47.3#

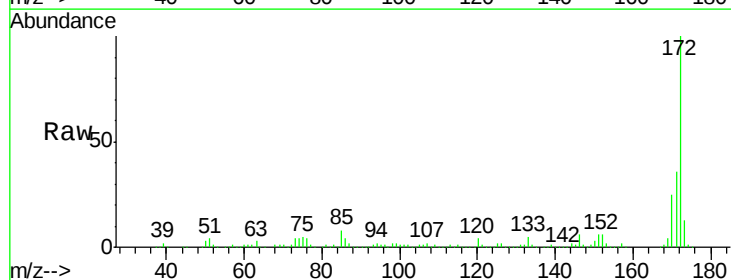


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

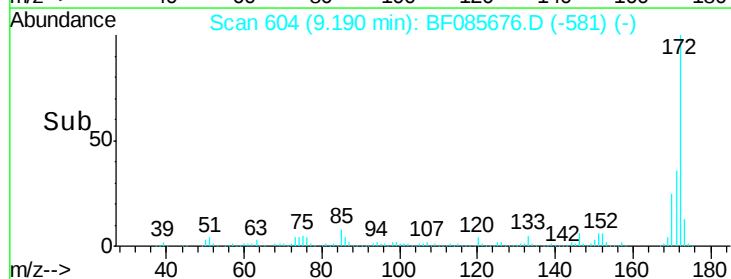
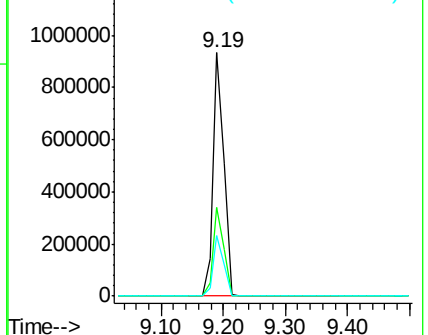


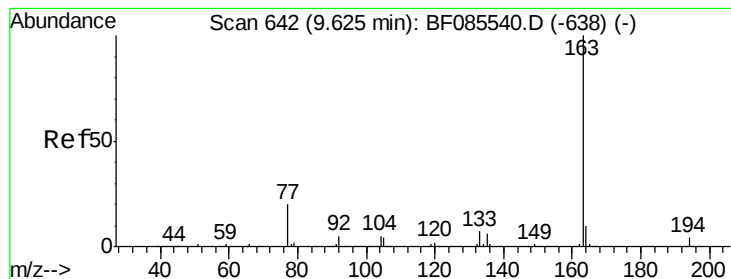
#44
 2-Fluorobiphenyl
 Concen: 69.48 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Tgt Ion:172 Resp: 1102133
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.6 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: 10.20 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12B

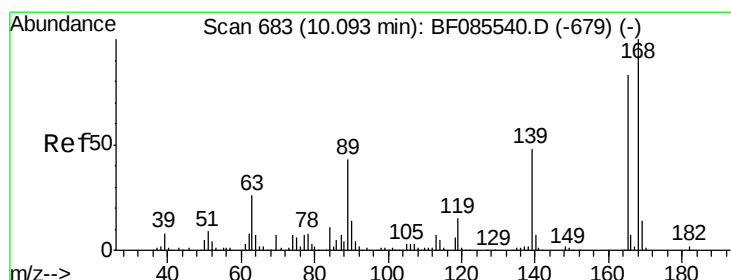
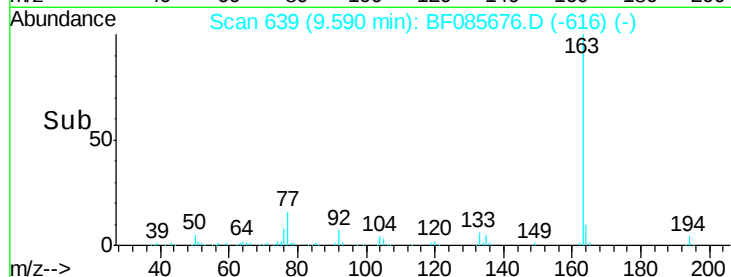
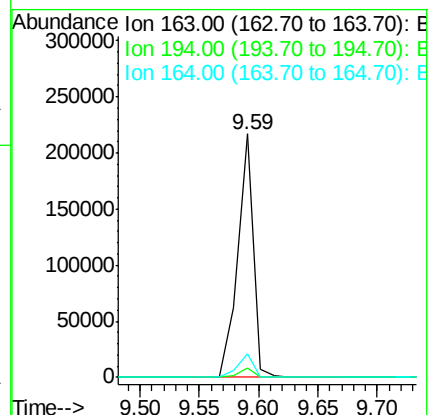
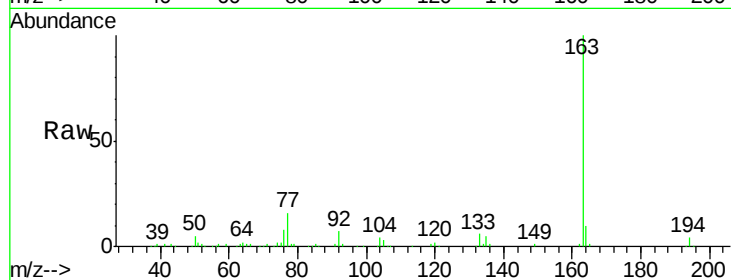
Tgt Ion:163 Resp: 199010

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

164 9.9 8.3 12.5



#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Tgt Ion:165 Resp: 32817

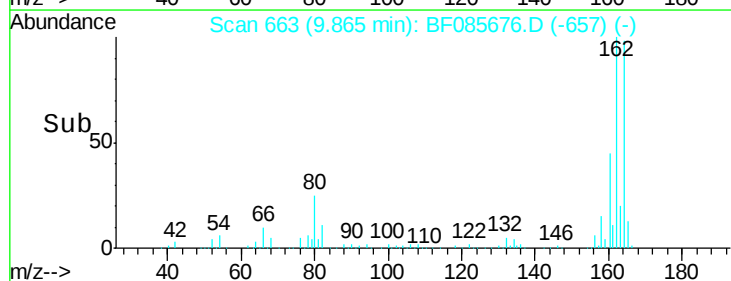
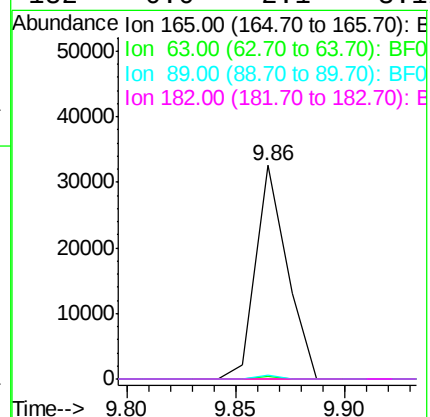
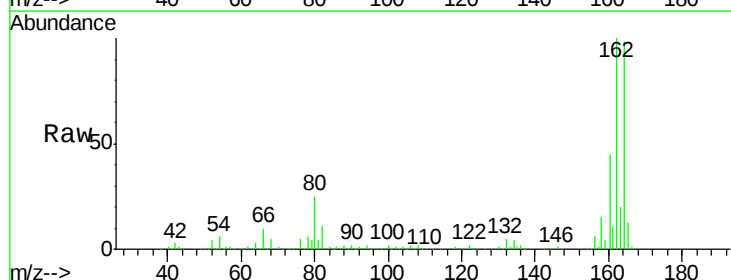
Ion Ratio Lower Upper

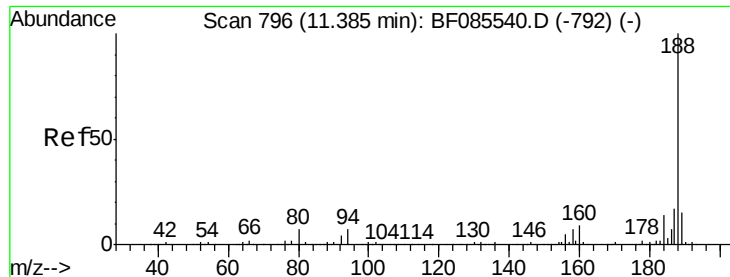
165 100

63 1.2 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

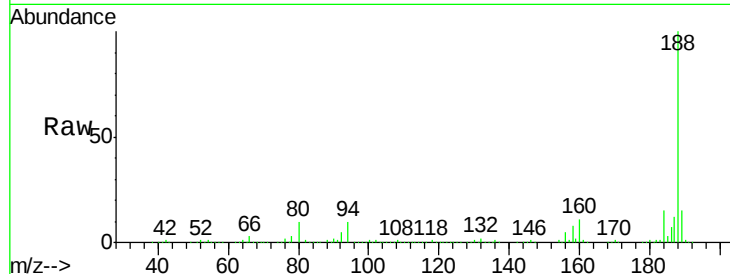




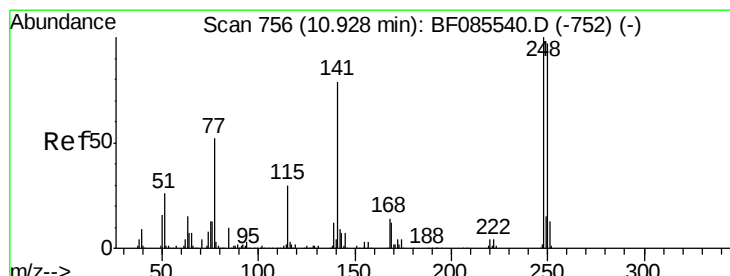
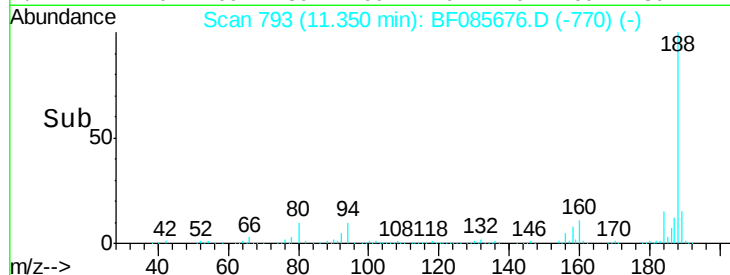
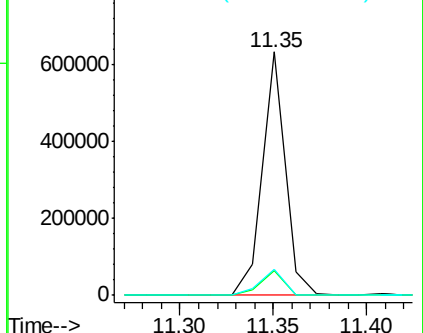
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12B

Tgt Ion:188 Resp: 536093
 Ion Ratio Lower Upper
 188 100
 94 10.2 5.4 8.0#
 80 10.5 5.5 8.3#

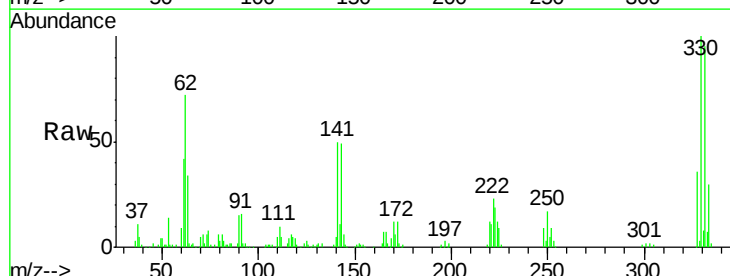


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

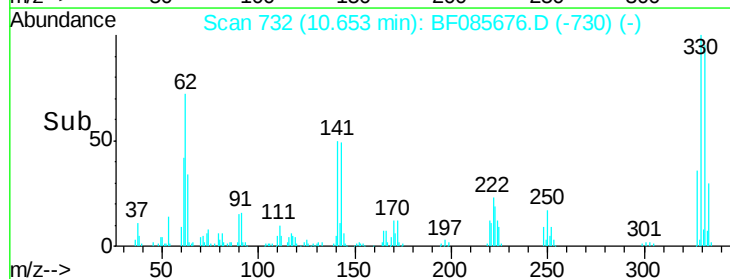
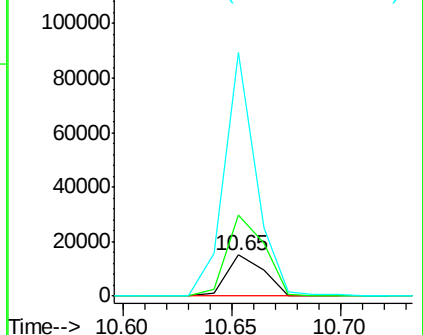


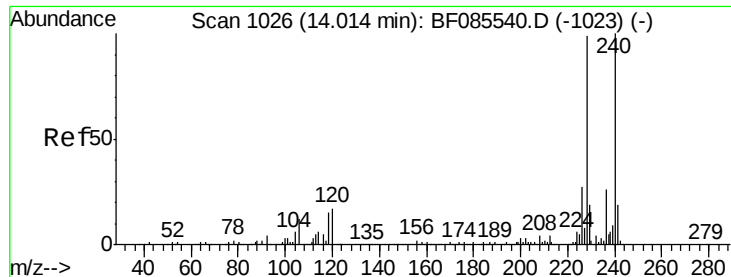
#66
 4-Bromophenyl-phenylether
 Concen: 3.37 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.27 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Tgt Ion:248 Resp: 18066
 Ion Ratio Lower Upper
 248 100
 250 196.6 77.4 116.0#
 141 590.5 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: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-12B

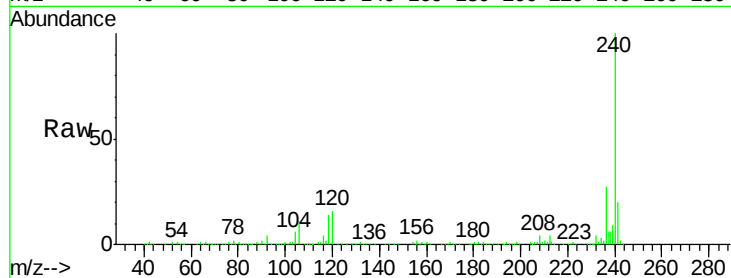
Tgt Ion:240 Resp: 407683

Ion Ratio Lower Upper

240 100

120 16.2 13.8 20.8

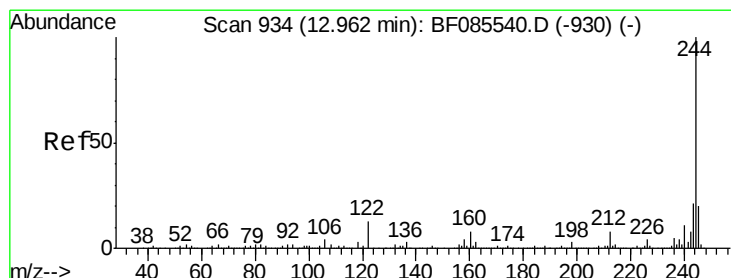
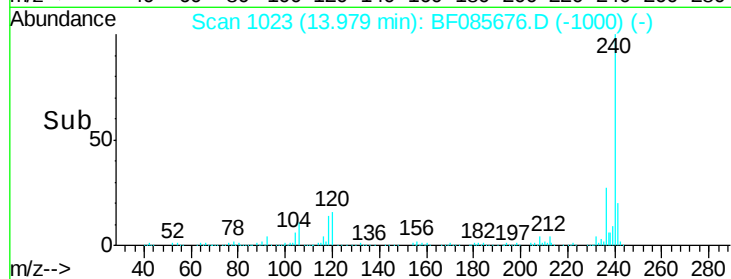
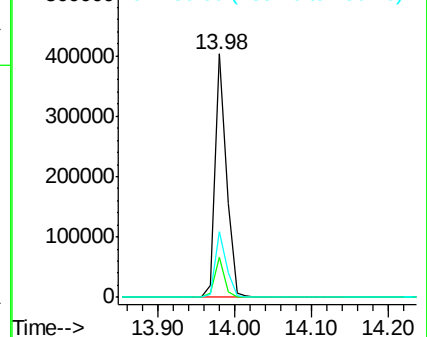
236 26.9 20.6 30.8



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: 74.86 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085676.D

Acq: 22 Mar 2016 23:28

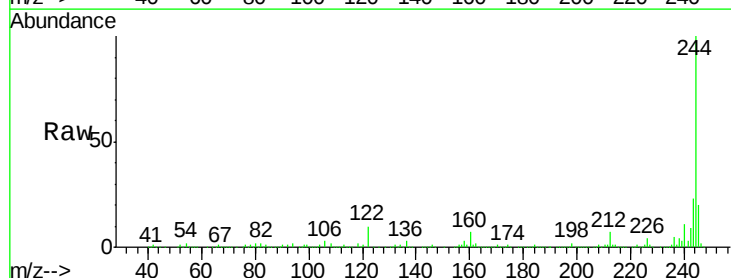
Tgt Ion:244 Resp: 1268334

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

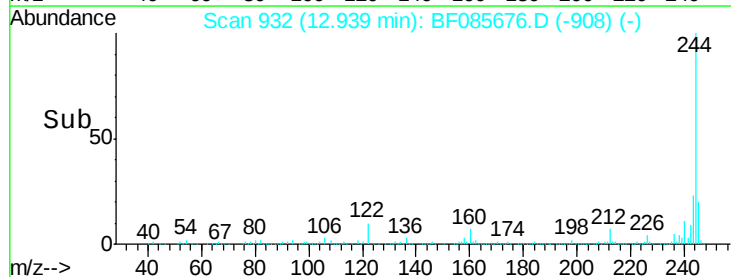
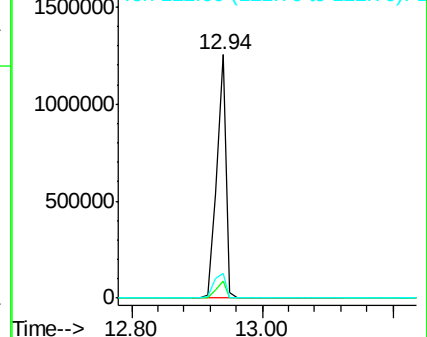
122 10.1 10.2 15.4#

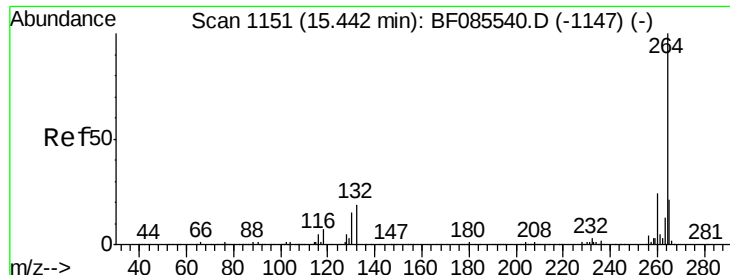


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

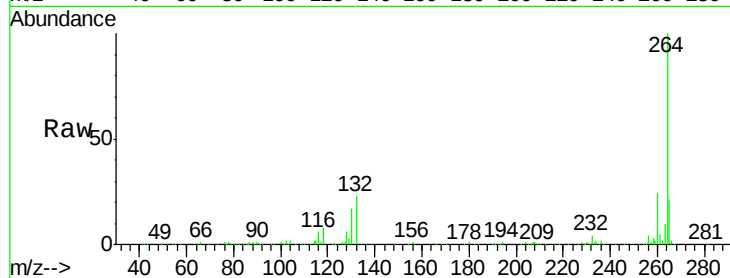




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085676.D
 Acq: 22 Mar 2016 23:28

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-12B

Tgt Ion: 264 Resp: 293945
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.4 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

