

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
 Data File : BF085812.D
 Acq On : 28 Mar 2016 20:16
 Operator : UM/SJ
 Sample : H1905-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10C

Quant Time: Mar 29 03:37:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 15:27:05 2016
 Response via : Initial Calibration

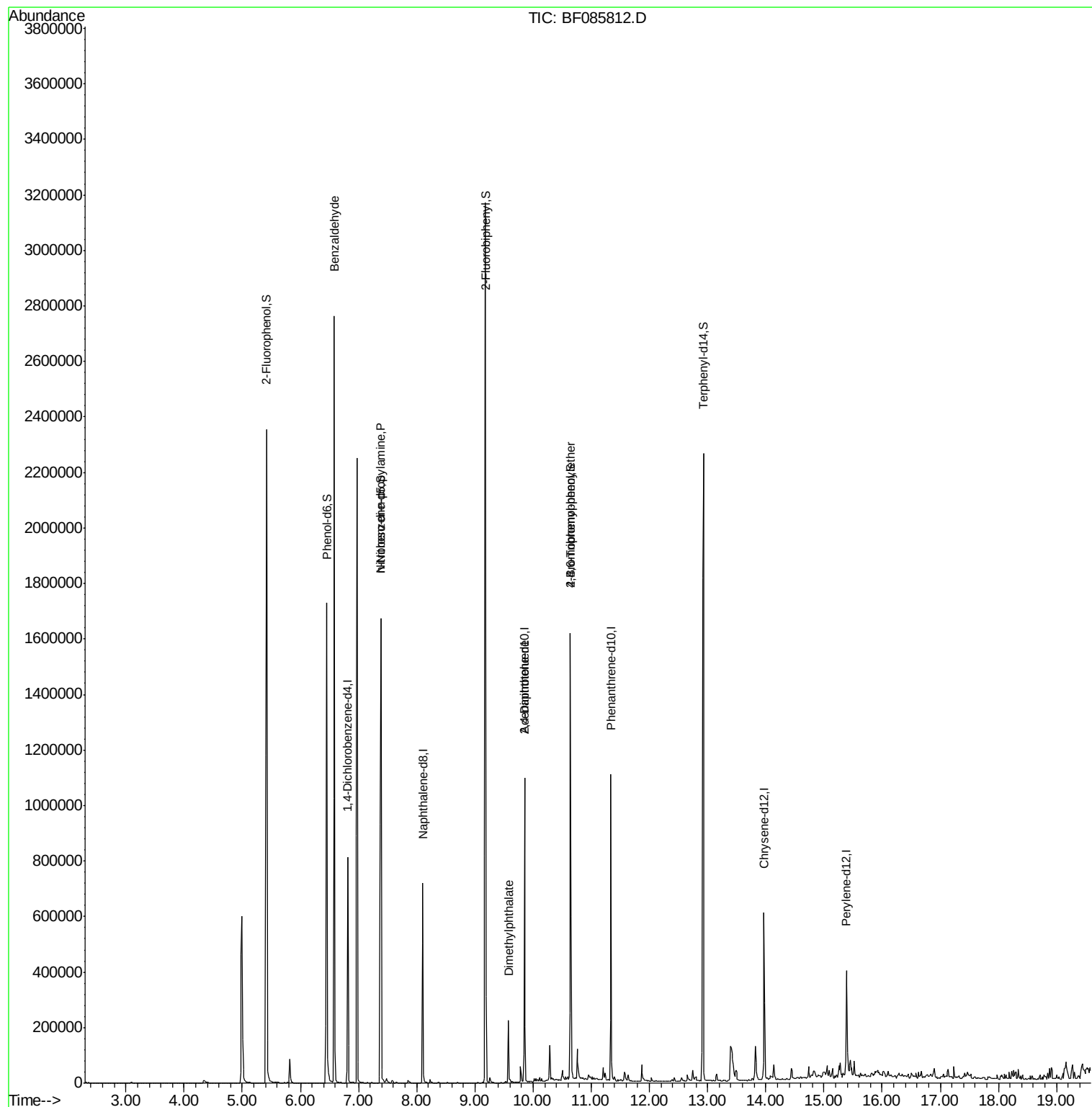
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116002	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	446440	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	204668	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	383697	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	222504	20.00	ng	-0.01
86) Perylene-d12	15.39	264	197818	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	804150	115.45	ng	0.01
7) Phenol-d6	6.46	99	1038663	117.28	ng	0.00
23) Nitrobenzene-d5	7.38	82	672772	84.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	222821	114.59	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1001152	81.73	ng	-0.01
78) Terphenyl-d14	12.93	244	972364	89.87	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	18078	3.39	ng	84
19) n-Nitroso-di-n-propylamine	7.38	70	88337	16.66	ng	# 76
37) 2-Methylnaphthalene	8.82	142	296	Below Cal	#	74
49) Dimethylphthalate	9.58	163	131841	8.49	ng	98
56) 2,4-Dinitrotoluene	9.85	165	26763	6.30	ng	# 36
66) 4-Bromophenyl-phenylether	10.64	248	14378	3.66	ng	# 1

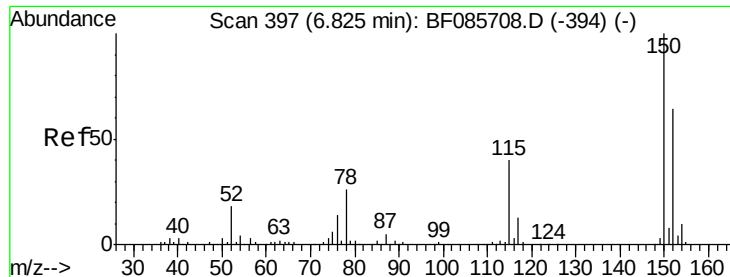
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF085812.D

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BNA_F

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TRACK-D-GRID-10C

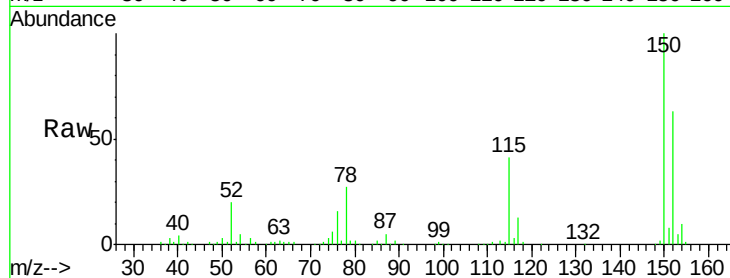
Tgt Ion:152 Resp: 116002

Ion Ratio Lower Upper

152 100

150 157.7 124.2 186.2

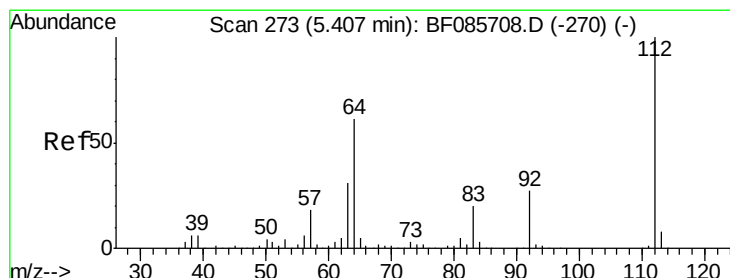
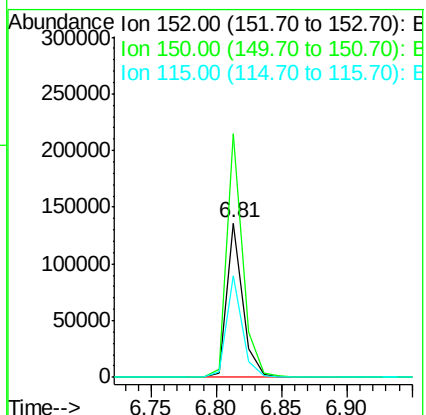
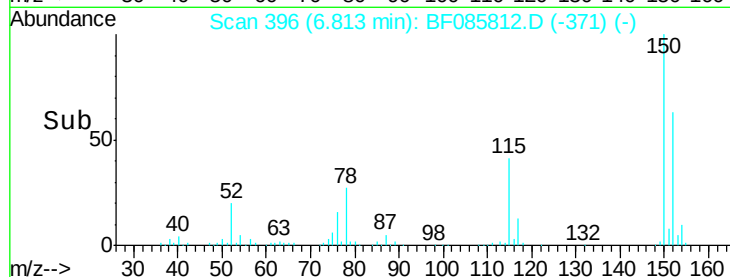
115 65.4 47.0 70.6



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: 115.45 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

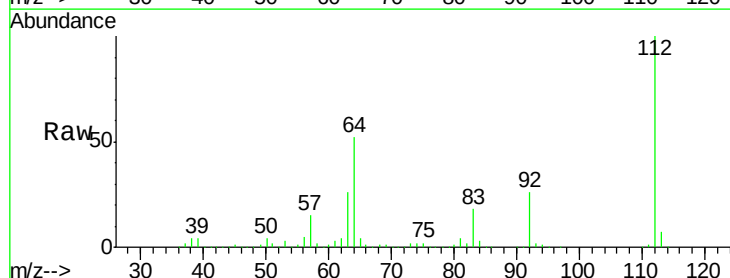
Tgt Ion:112 Resp: 804150

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

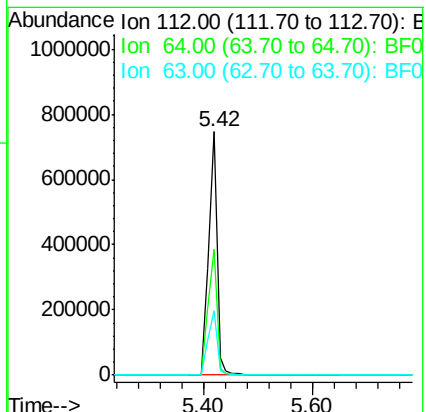
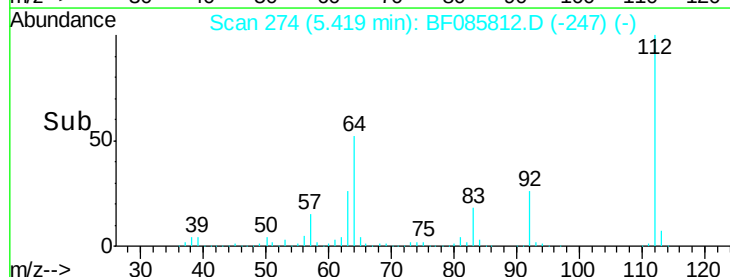
63 26.2 20.2 30.2

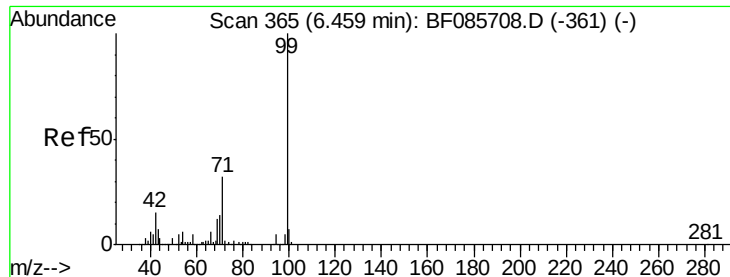


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.28 ng

RT: 6.46 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10C

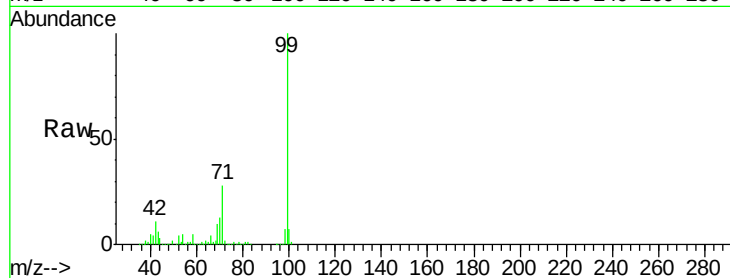
Tgt Ion: 99 Resp: 1038663

Ion Ratio Lower Upper

99 100

42 11.4 11.1 16.7

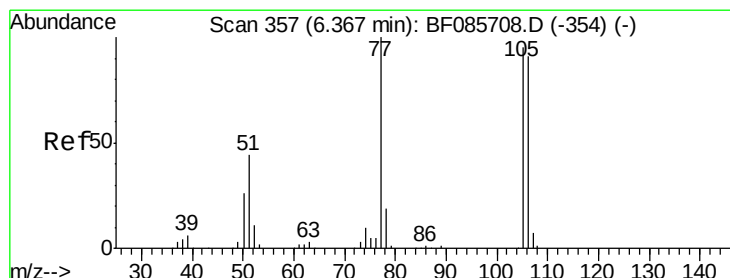
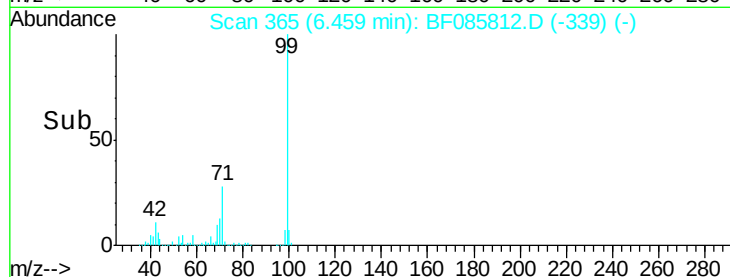
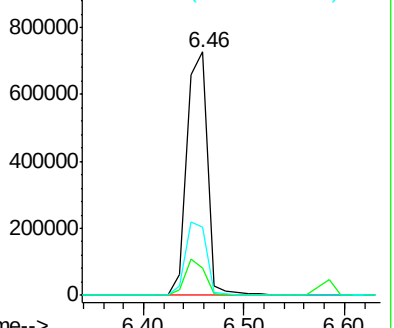
71 28.1 24.9 37.3



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: 3.39 ng

RT: 6.58 min Scan# 376

Delta R.T. 0.22 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

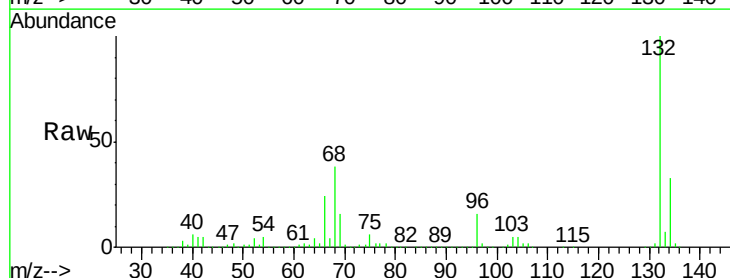
Tgt Ion: 77 Resp: 18078

Ion Ratio Lower Upper

77 100

105 81.8 80.1 120.1

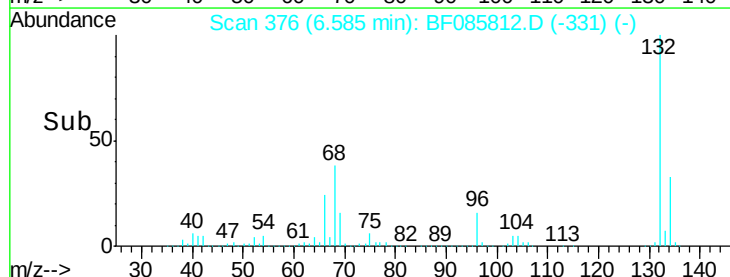
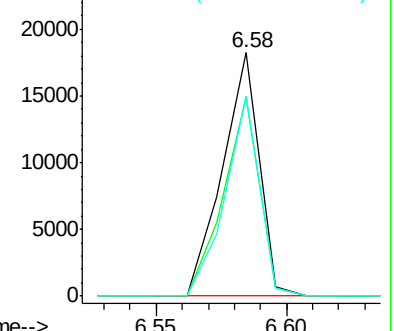
106 82.0 75.0 115.0

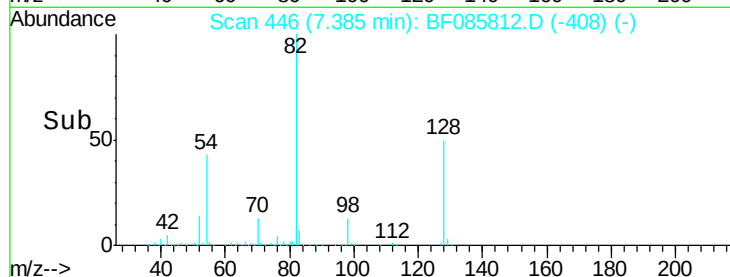
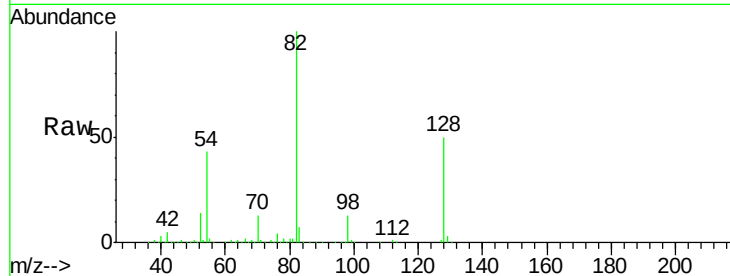
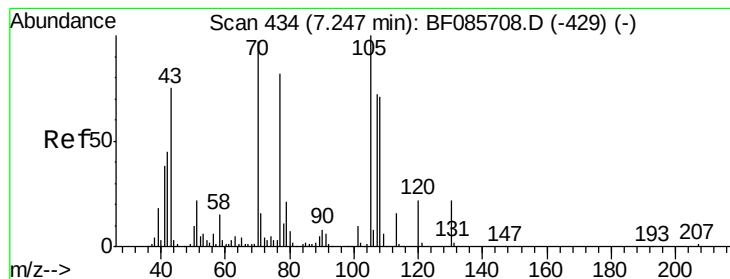


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 16.66 ng

RT: 7.38 min Scan# 446

Delta R.T. 0.14 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10C

Tgt Ion: 70 Resp: 88337

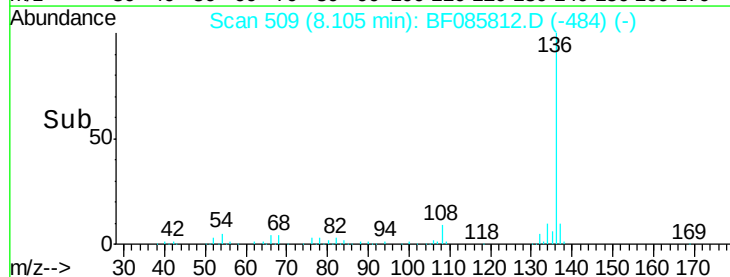
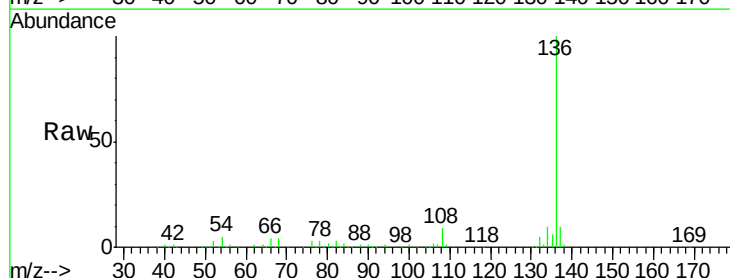
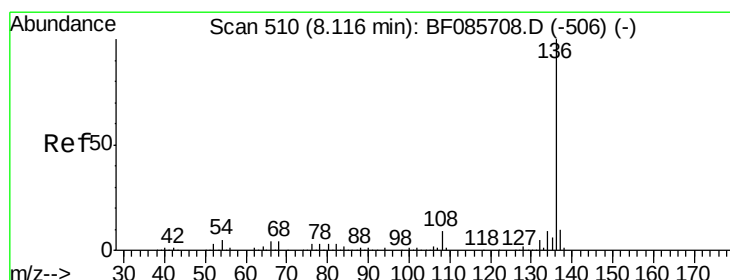
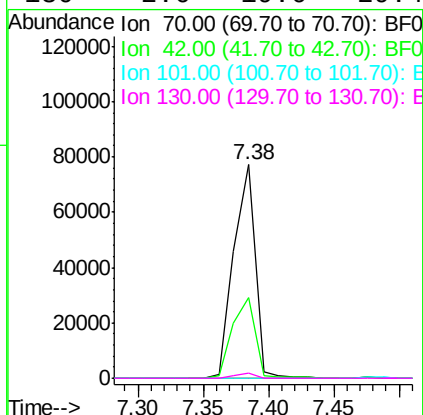
Ion Ratio Lower Upper

70 100

42 38.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

Tgt Ion: 136 Resp: 446440

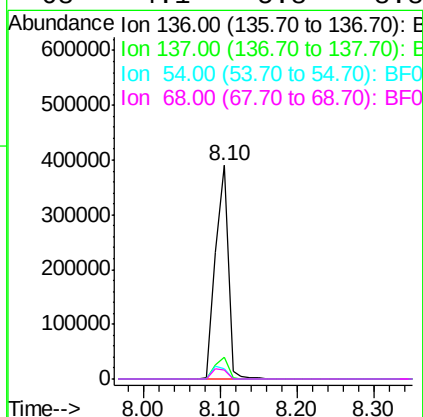
Ion Ratio Lower Upper

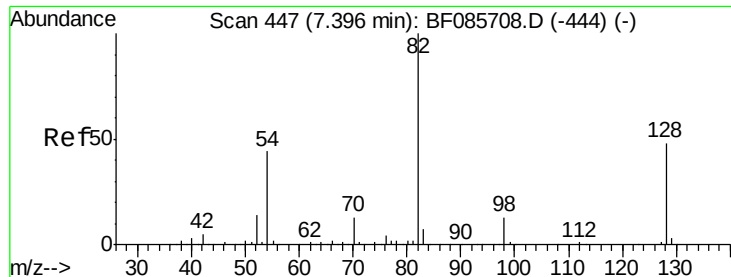
136 100

137 10.2 9.1 13.7

54 4.9 7.4 11.0#

68 4.1 5.8 8.8#

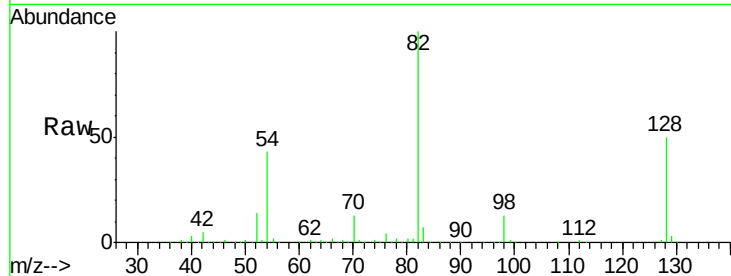




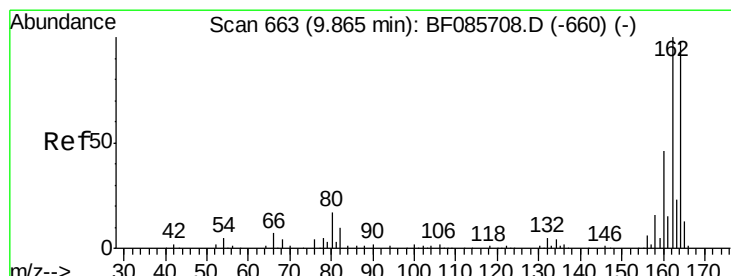
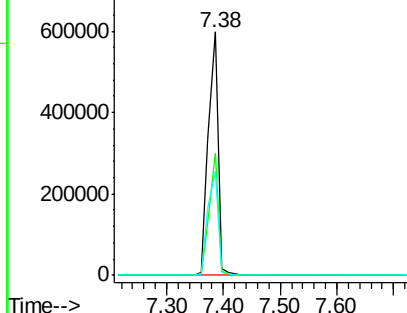
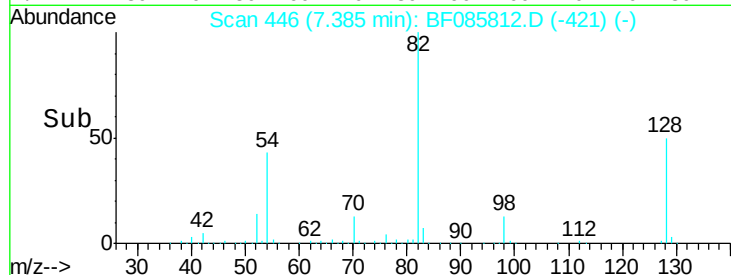
#23
 Nitrobenzene-d5
 Concen: 84.86 ng
 RT: 7.38 min Scan# 446
 Delta R.T. -0.01 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-10C

Tgt Ion: 82 Resp: 672772
 Ion Ratio Lower Upper
 82 100
 128 50.2 41.8 62.8
 54 42.9 33.4 50.0

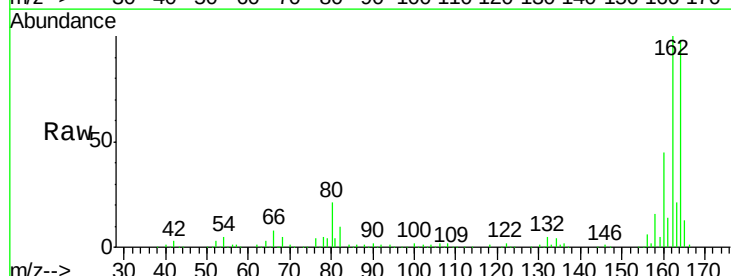


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

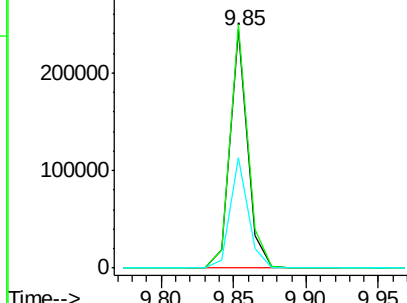
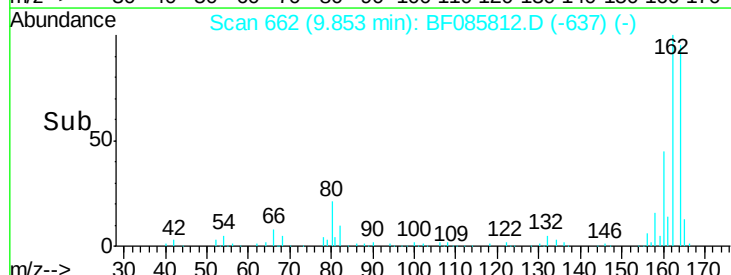


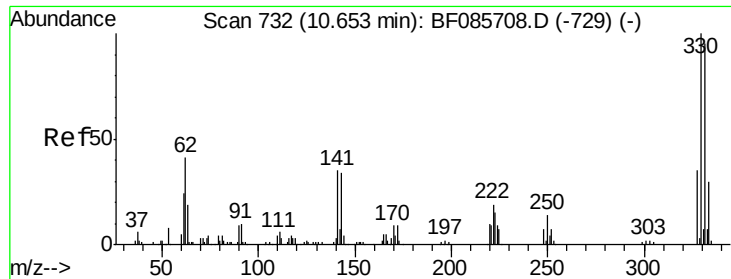
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

Tgt Ion: 164 Resp: 204668
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.1 123.1
 160 46.4 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

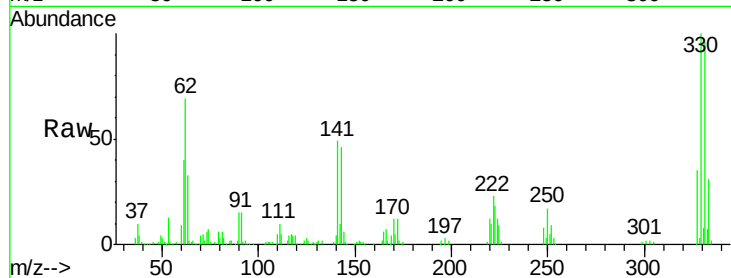




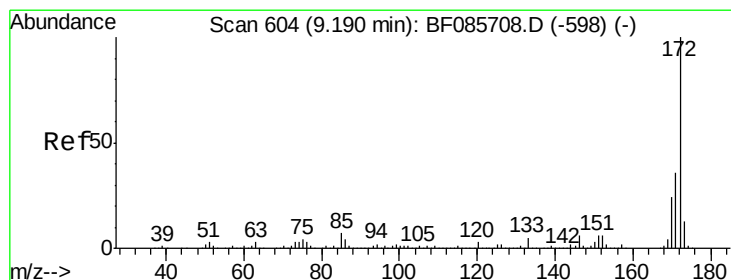
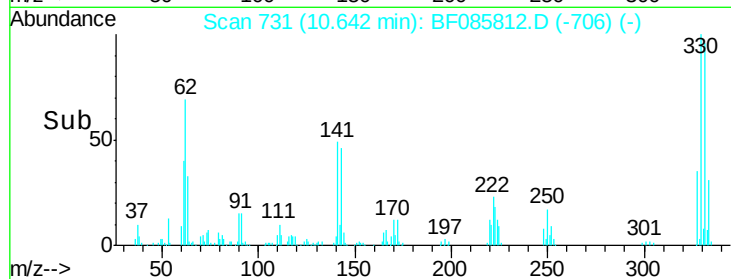
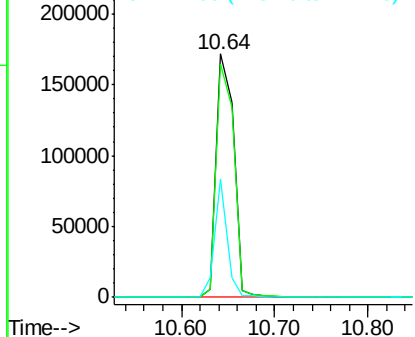
#41
 2,4,6-Tribromophenol
 Concen: 114.59 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

Instrument :
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 ClientSampleId :
 TRACK-D-GRID-10C

Tgt Ion:330 Resp: 222821
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 35.4 31.5 47.3

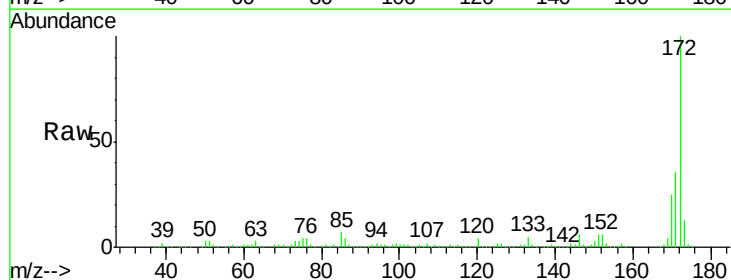


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

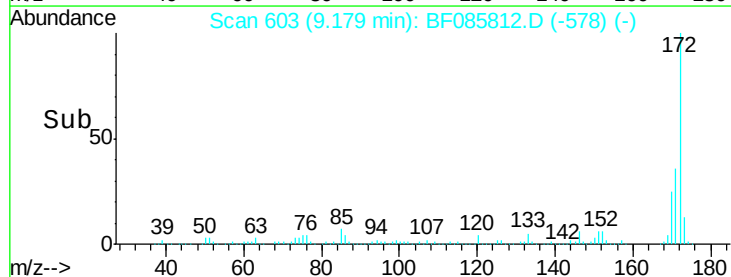
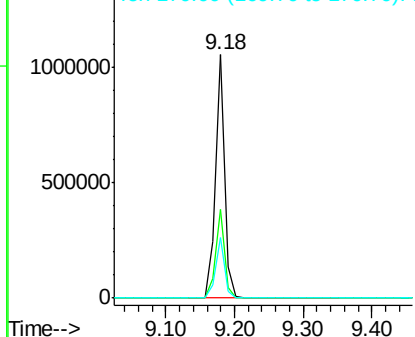


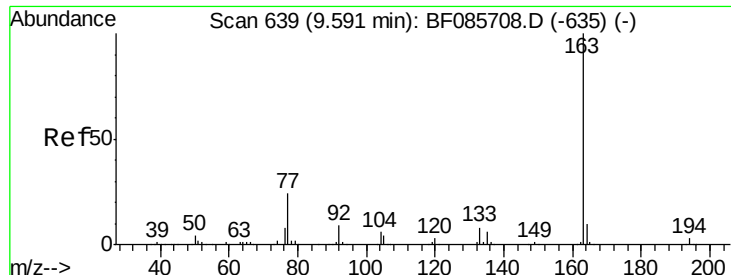
#44
 2-Fluorobiphenyl
 Concen: 81.73 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

Tgt Ion:172 Resp: 1001152
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.8 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

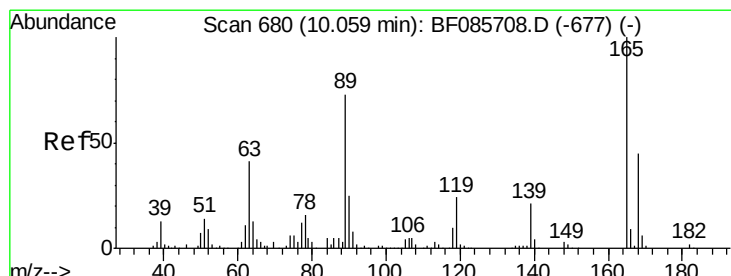
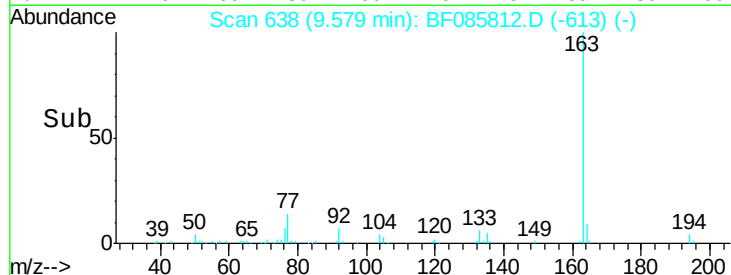
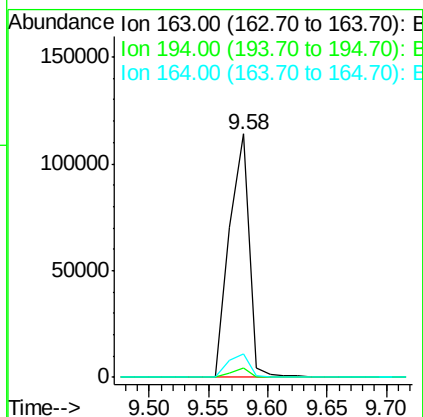
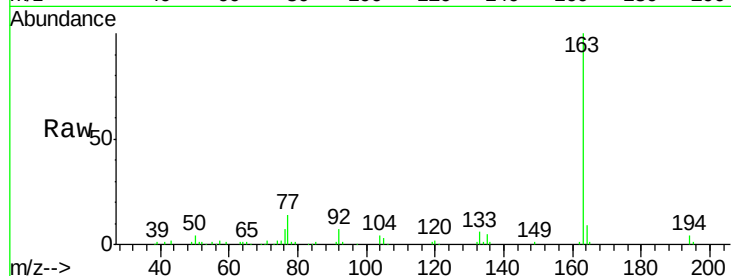




#49
Dimethylphthalate
Concen: 8.49 ng
RT: 9.58 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF085812.D
Acq: 28 Mar 2016 20:16

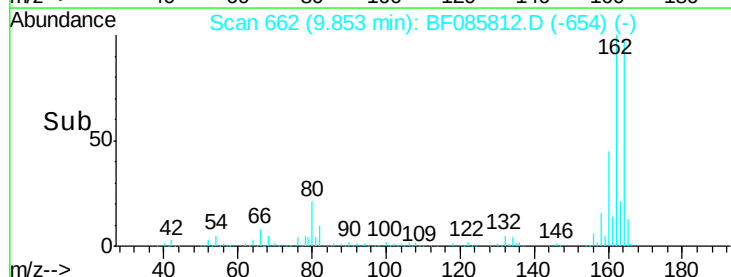
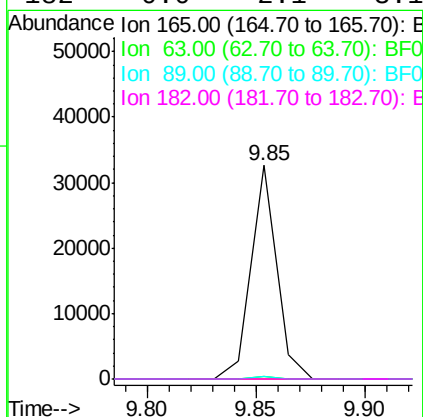
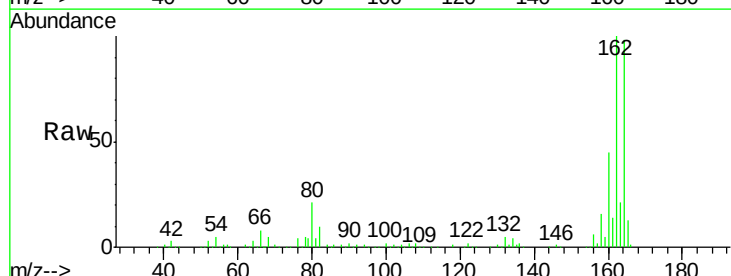
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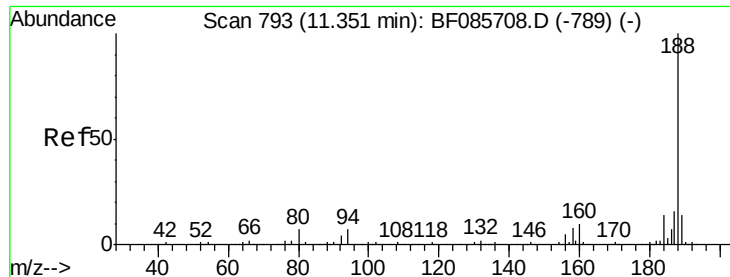
Tgt Ion:163 Resp: 131841
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.85 min Scan# 662
Delta R.T. -0.21 min
Lab File: BF085812.D
Acq: 28 Mar 2016 20:16

Tgt Ion:165 Resp: 26763
Ion Ratio Lower Upper
165 100
63 1.1 24.9 37.3#
89 1.2 41.0 61.6#
182 0.0 2.1 3.1#

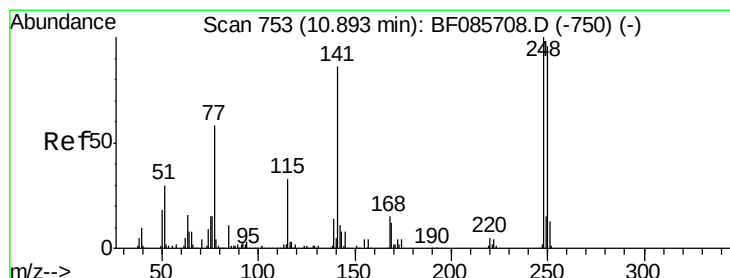
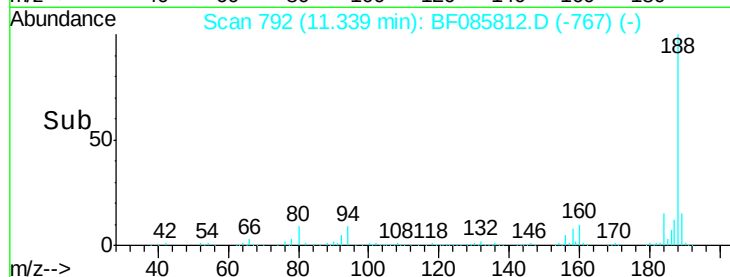
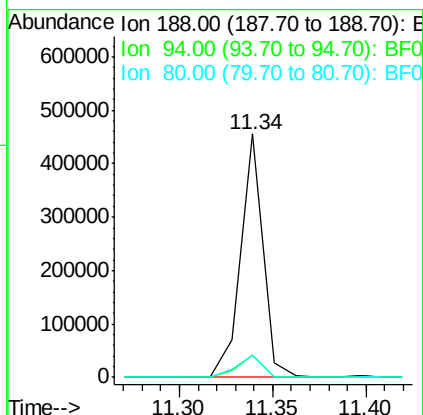
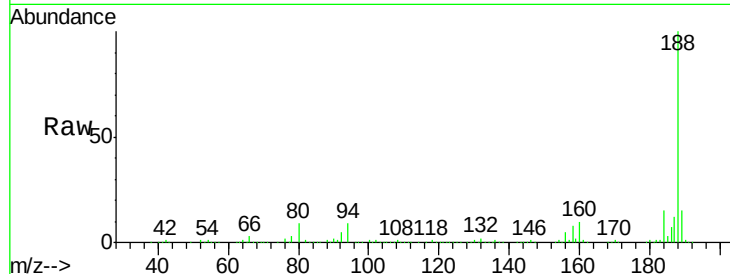




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

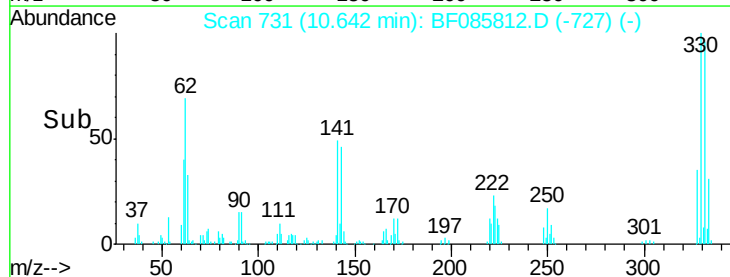
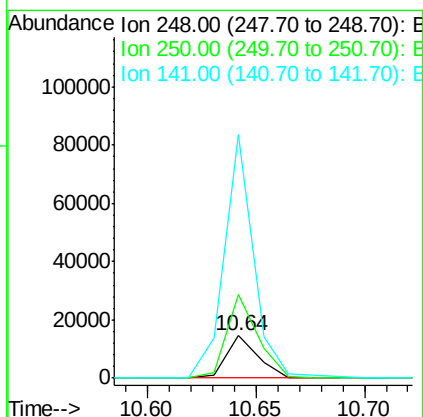
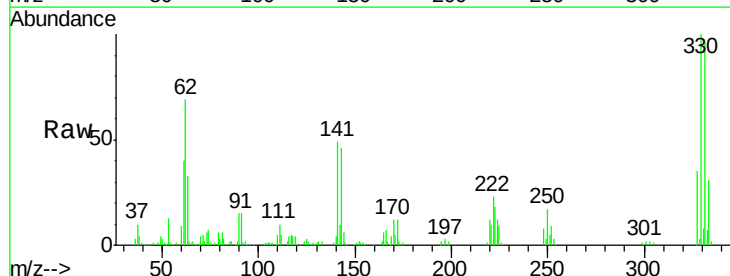
Instrument :
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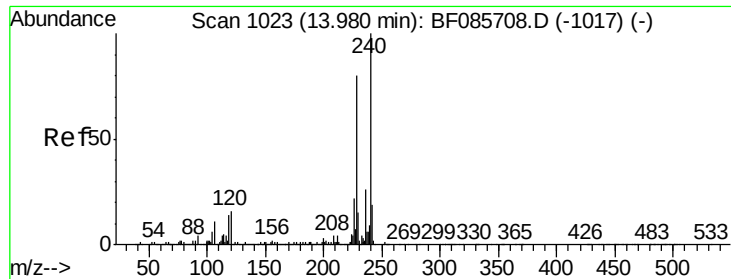
Tgt Ion:188 Resp: 383697
 Ion Ratio Lower Upper
 188 100
 94 9.0 5.4 8.0#
 80 8.9 5.5 8.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.66 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.25 min
 Lab File: BF085812.D
 Acq: 28 Mar 2016 20:16

Tgt Ion:248 Resp: 14378
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.4 116.0#
 141 578.3 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-10C

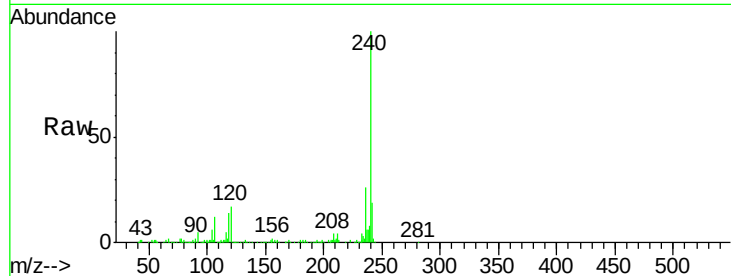
Tgt Ion:240 Resp: 222504

Ion Ratio Lower Upper

240 100

120 17.3 13.8 20.8

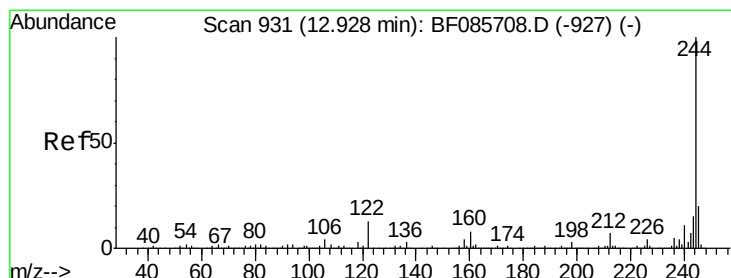
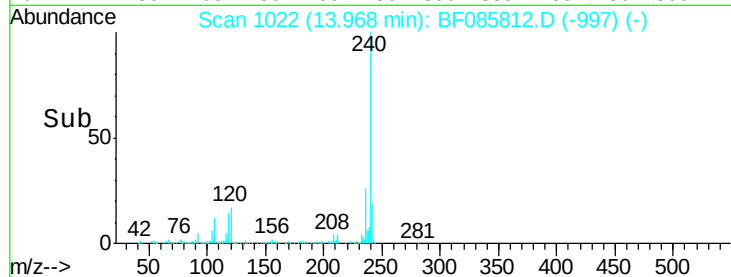
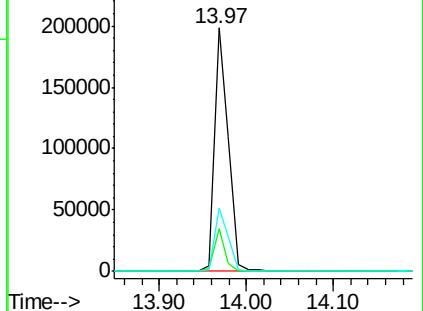
236 25.9 20.6 30.8



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: 89.87 ng

RT: 12.93 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF085812.D

Acq: 28 Mar 2016 20:16

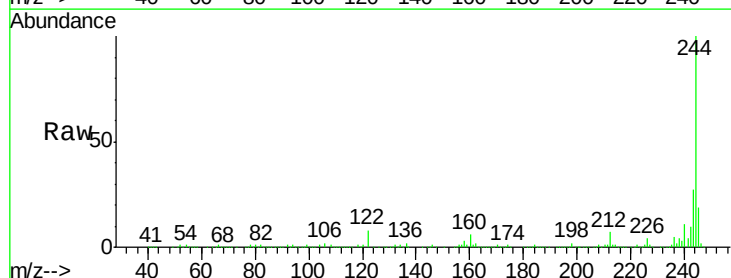
Tgt Ion:244 Resp: 972364

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

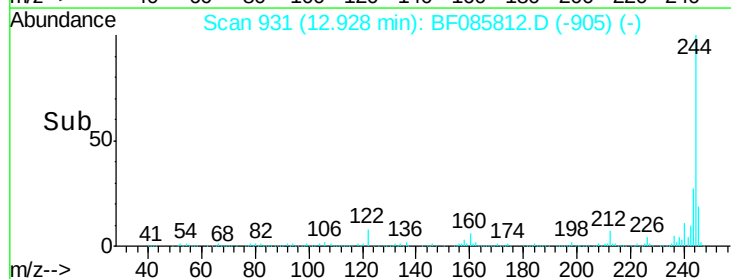
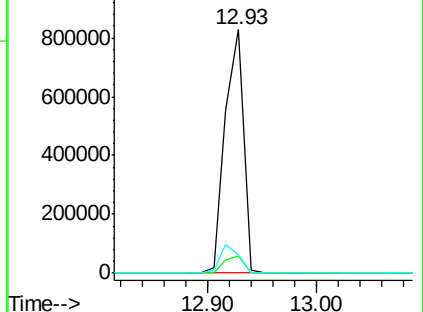
122 7.7 10.2 15.4#

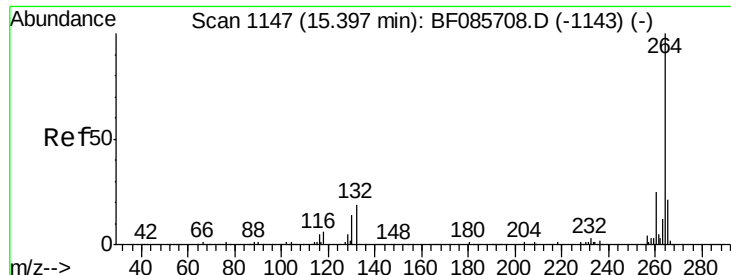


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

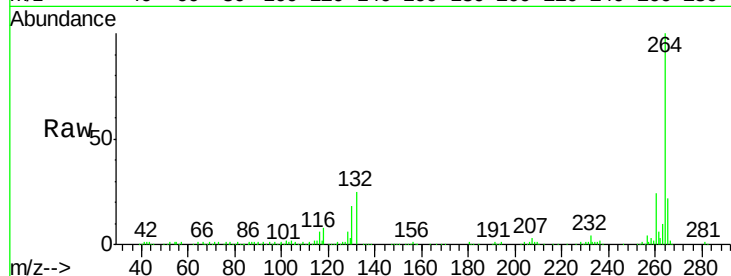




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF085812.D
Acq: 28 Mar 2016 20:16

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-10C

Tgt Ion: 264 Resp: 197818
Ion Ratio Lower Upper
264 100
260 23.6 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

