

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085262.D
 Acq On : 8 Mar 2016 18:19
 Operator : UM/SJ
 Sample : H1707-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Quant Time: Mar 09 00:04:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

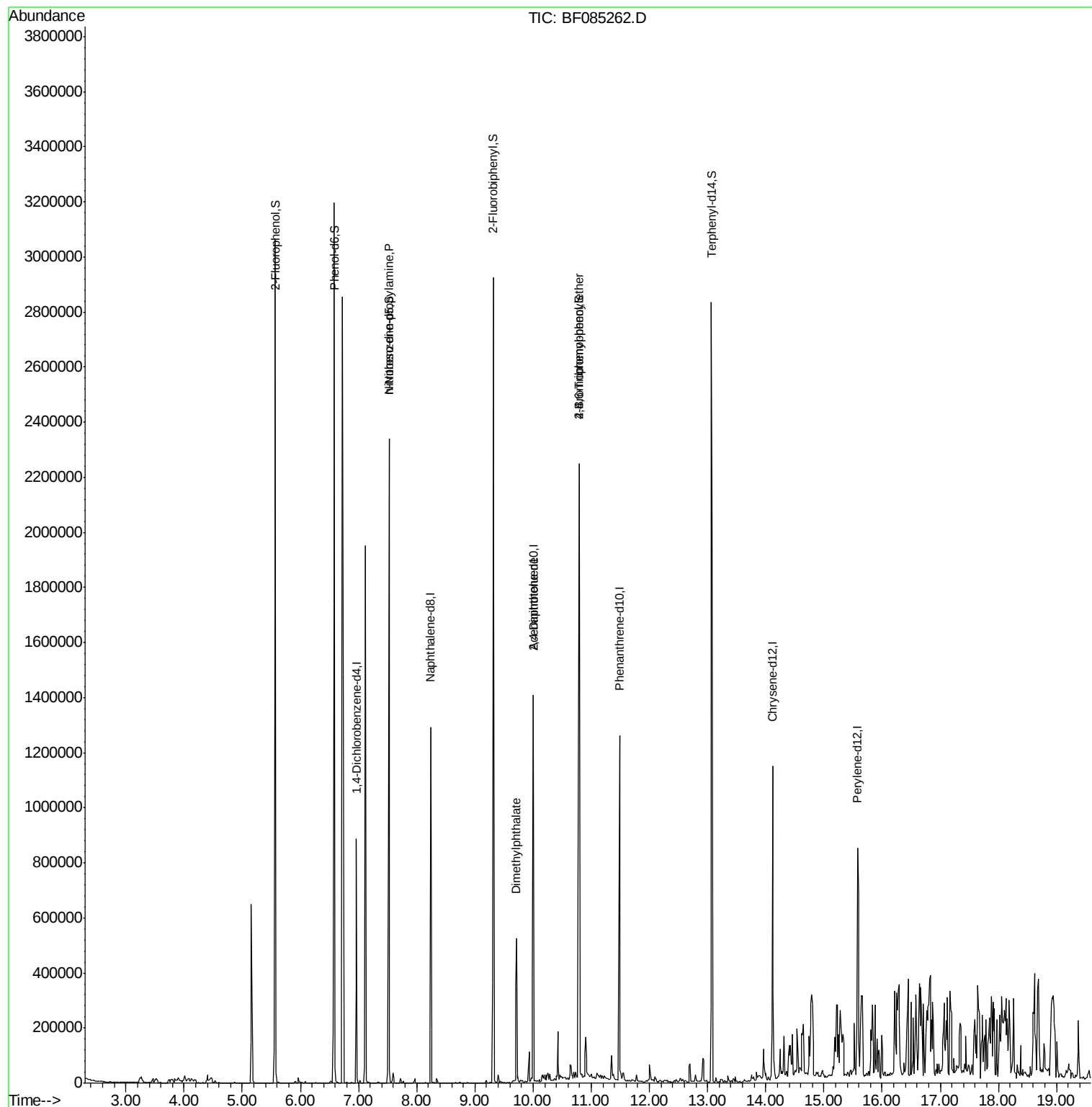
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	144417	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	556095	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	272658	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	519469	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	366506	20.00	ng	-0.03
86) Perylene-d12	15.58	264	277089	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1031162	119.77	ng	-0.01
7) Phenol-d6	6.58	99	1336549	118.49	ng	-0.02
23) Nitrobenzene-d5	7.52	82	805473	77.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	306876	131.54	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1271028	70.90	ng	-0.03
78) Terphenyl-d14	13.07	244	1157721	73.33	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.58	77	1709	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.52	70	107255	14.59 ng	#	77
49) Dimethylphthalate	9.72	163	276505	13.21 ng		98
56) 2,4-Dinitrotoluene	10.00	165	35597	6.21 ng	#	22
66) 4-Bromophenyl-phenylether	10.79	248	21374	4.24 ng	#	1

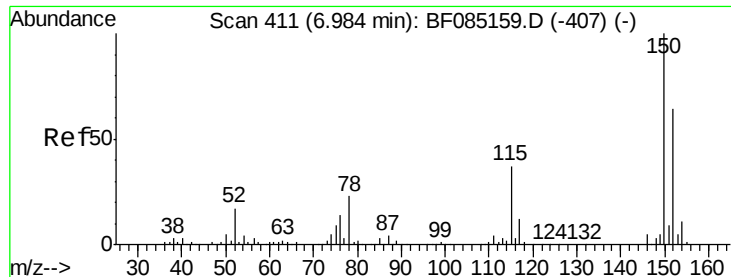
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

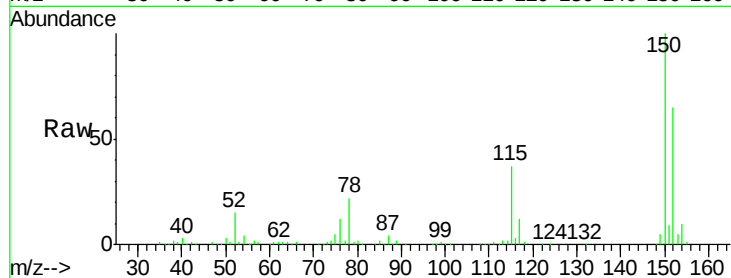
Tgt Ion:152 Resp: 144417

Ion Ratio Lower Upper

152 100

150 153.5 124.6 186.8

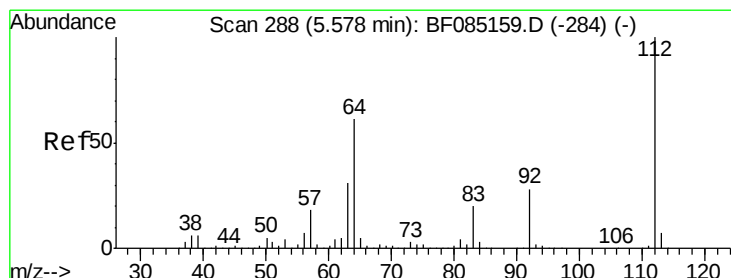
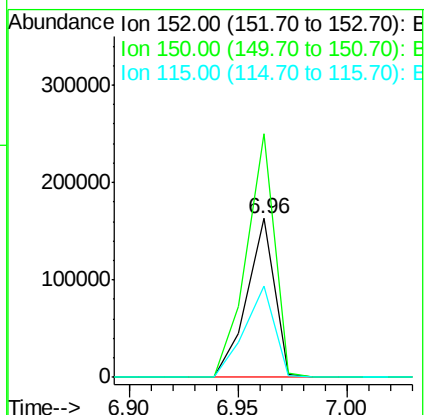
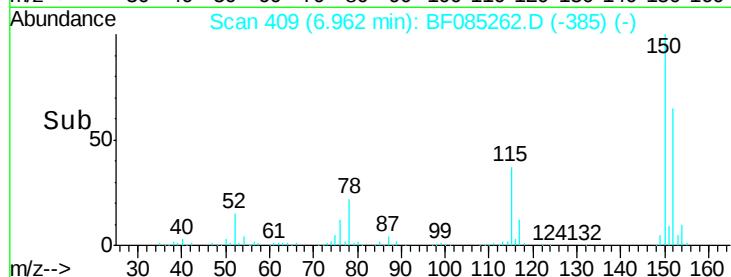
115 57.2 46.6 70.0



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: 119.77 ng

RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

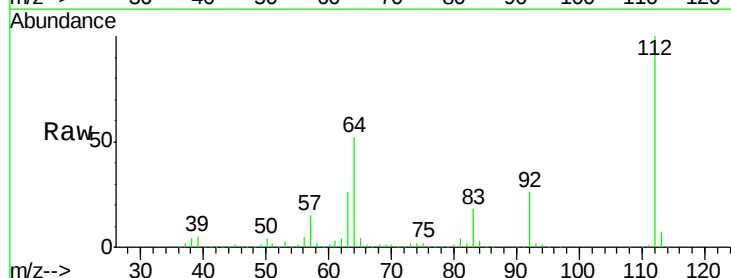
Tgt Ion:112 Resp: 1031162

Ion Ratio Lower Upper

112 100

64 52.1 49.0 73.4

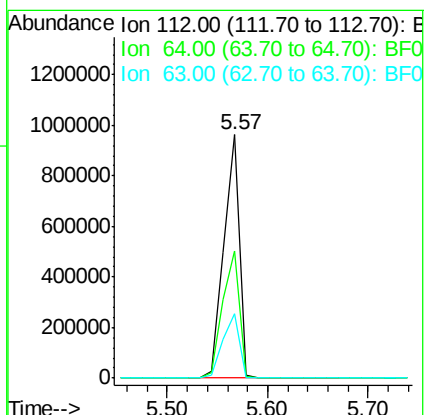
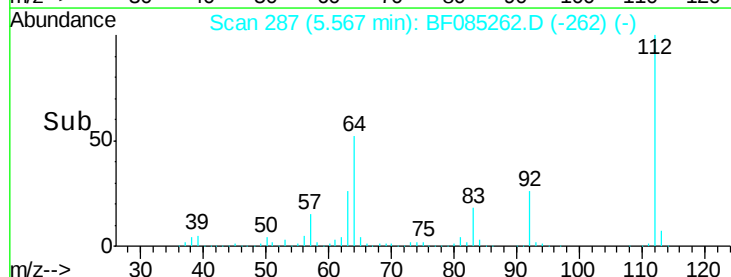
63 26.3 24.8 37.2

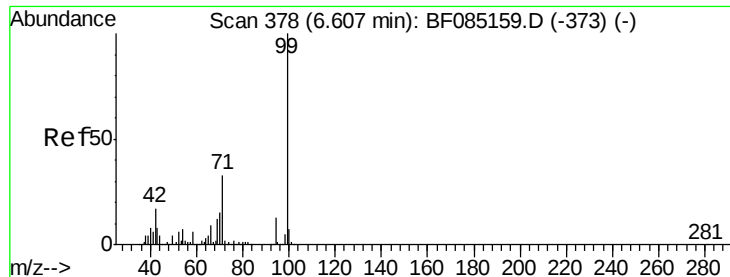


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.49 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

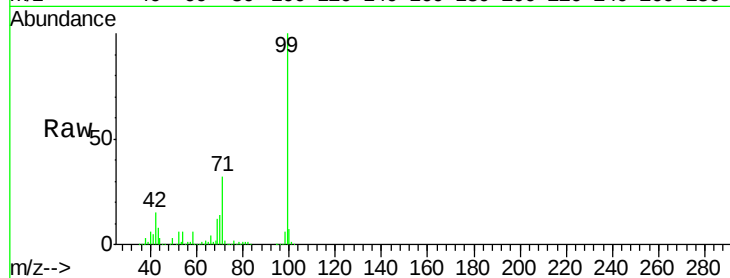
Tgt Ion: 99 Resp: 1336549

Ion Ratio Lower Upper

99 100

42 14.9 13.6 20.4

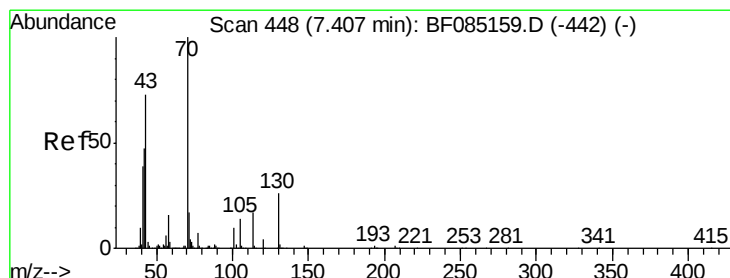
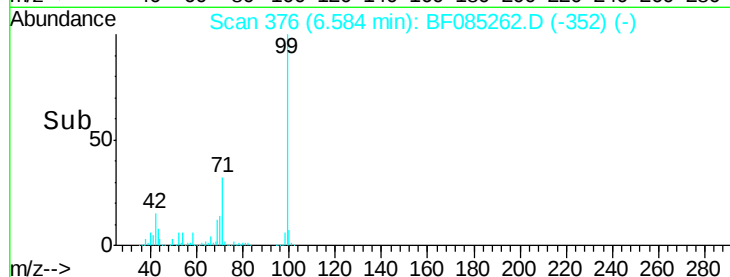
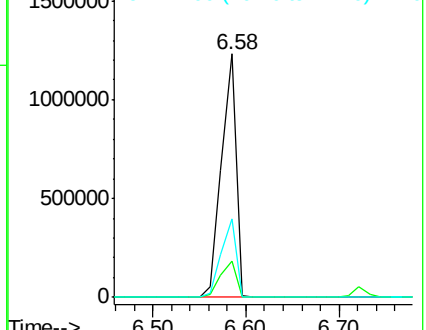
71 32.5 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.59 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

Tgt Ion: 70 Resp: 107255

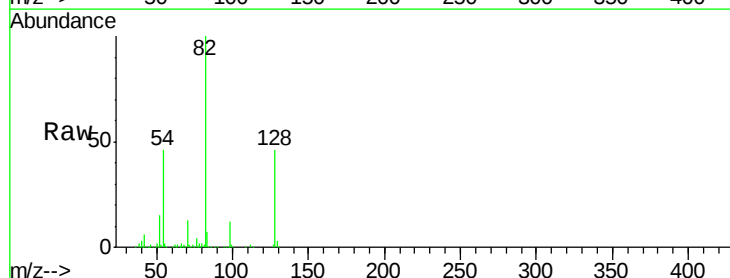
Ion Ratio Lower Upper

70 100

42 41.2 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

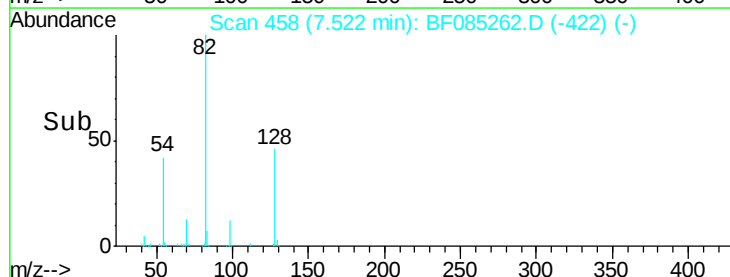
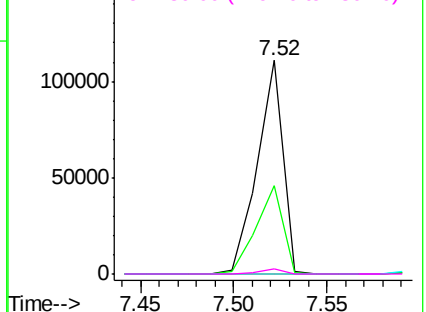


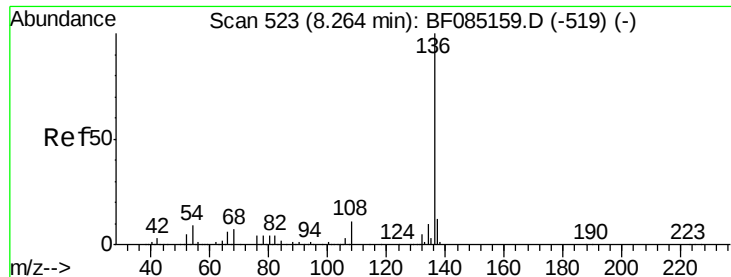
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

Tgt Ion:136 Resp: 556095

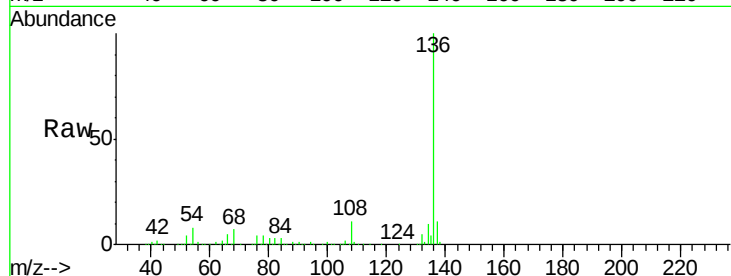
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.0 7.4 11.2

68 6.5 6.0 9.0

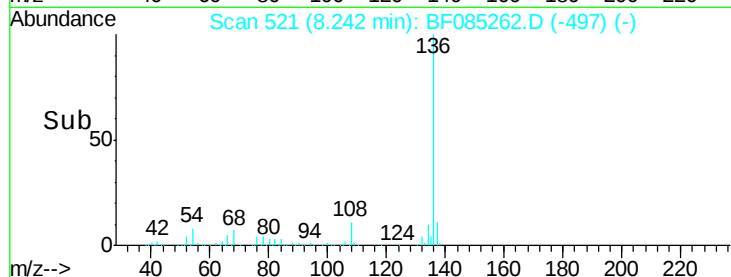


Abundance Ion 136.00 (135.70 to 136.70): E

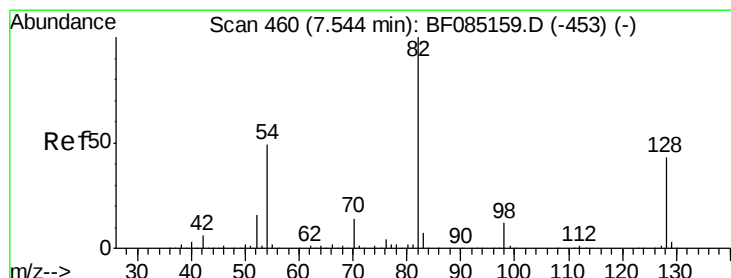
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 77.51 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

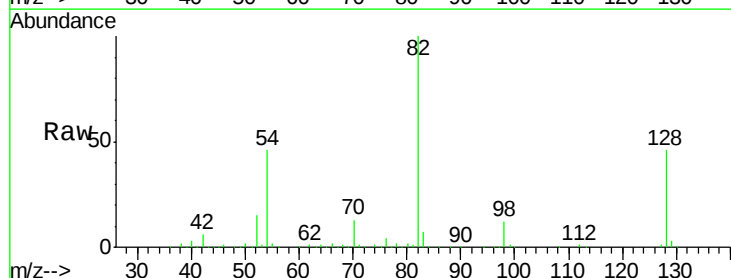
Tgt Ion: 82 Resp: 805473

Ion Ratio Lower Upper

82 100

128 46.1 34.5 51.7

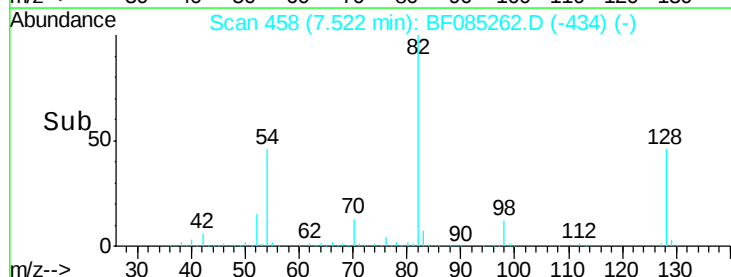
54 45.5 39.3 58.9



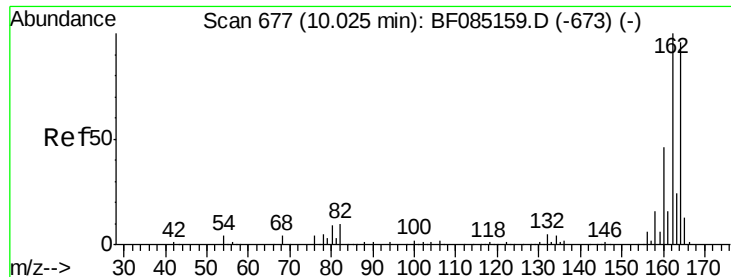
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



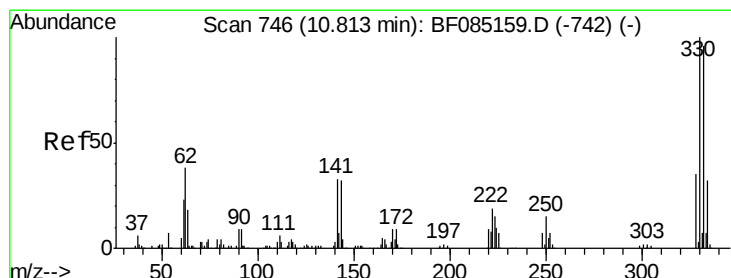
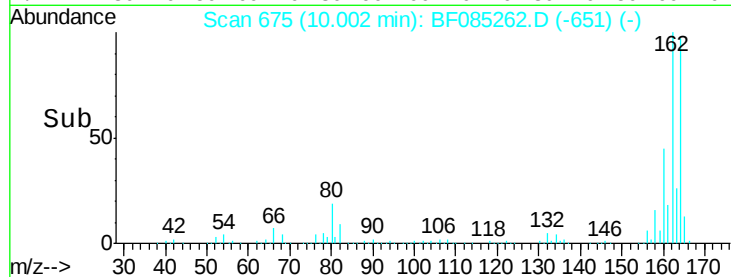
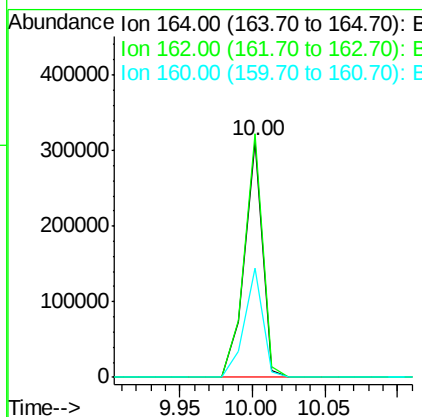
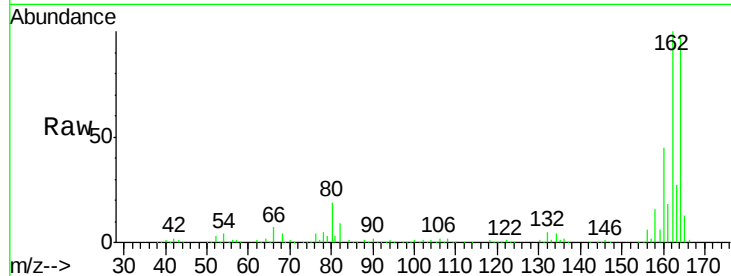
Time-->



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

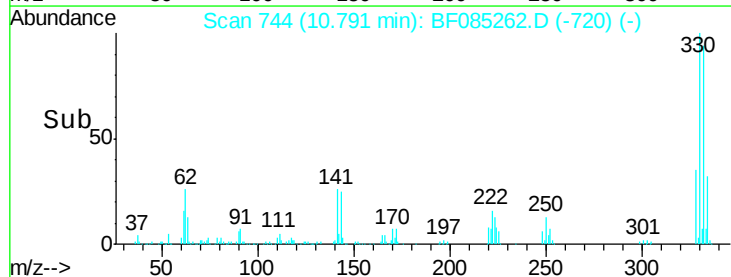
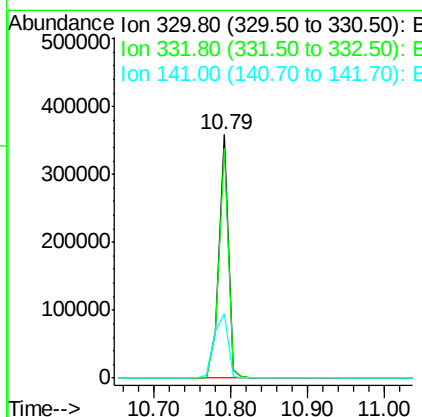
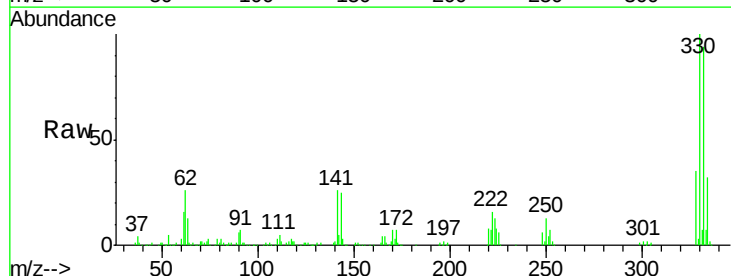
Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

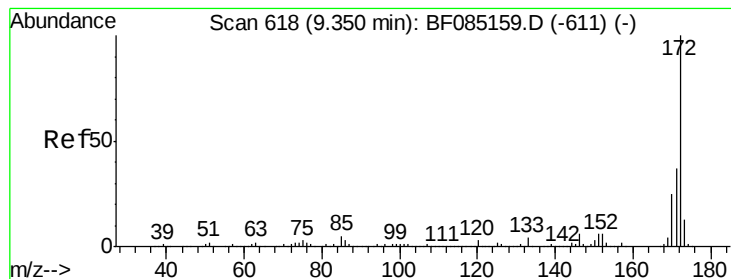
Tgt Ion:164 Resp: 272658
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.3 124.9
 160 46.4 37.9 56.9



#41
 2,4,6-Tribromophenol
 Concen: 131.54 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

Tgt Ion:330 Resp: 306876
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 38.1 35.0 52.6





#44

2-Fluorobiphenyl

Concen: 70.90 ng

RT: 9.32 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID5

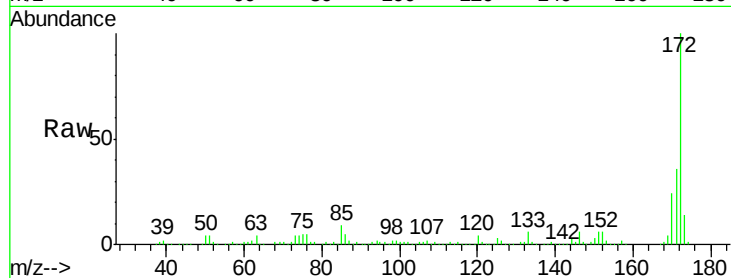
Tgt Ion:172 Resp: 1271028

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

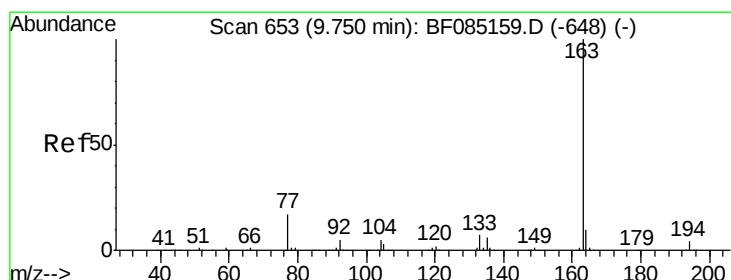
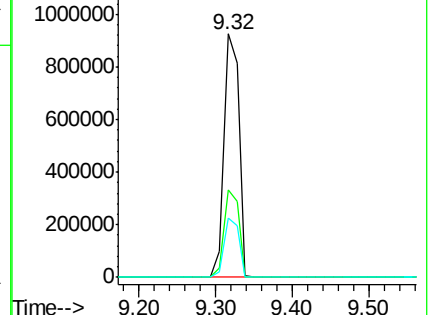
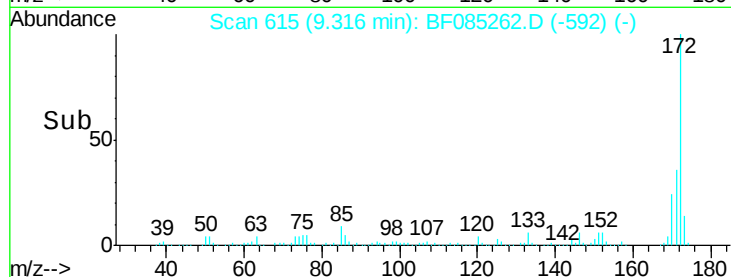
170 24.1 20.0 30.0



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: 13.21 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085262.D

Acq: 8 Mar 2016 18:19

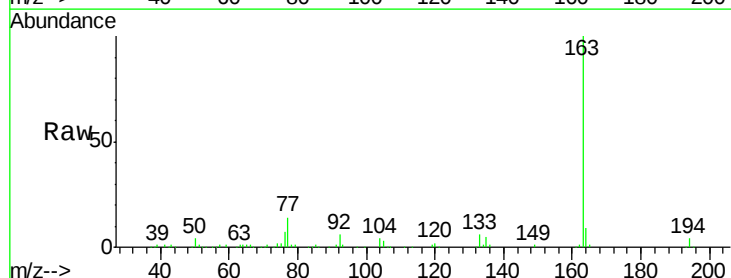
Tgt Ion:163 Resp: 276505

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

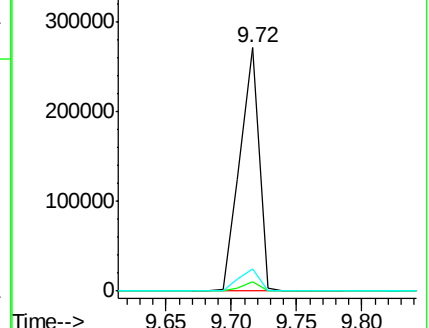
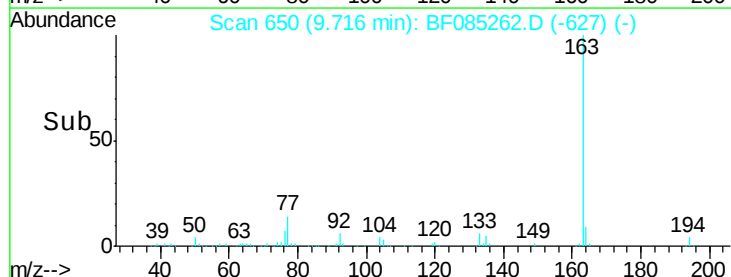
164 9.3 8.2 12.4

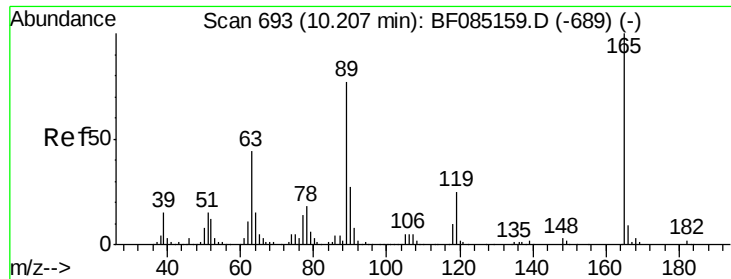


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

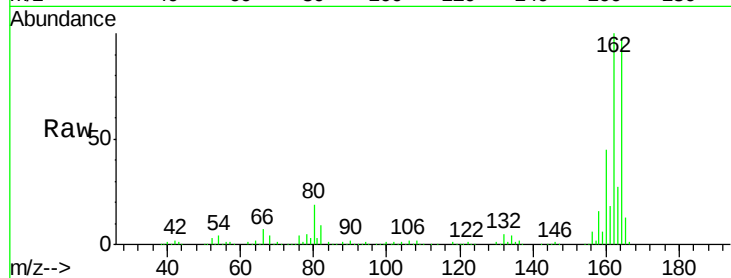




#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085262.D
Acq: 8 Mar 2016 18:19

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID5

Tgt Ion:	165	Resp:	35597
Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.5	61.9	92.9#
182	0.0	1.9	2.9#

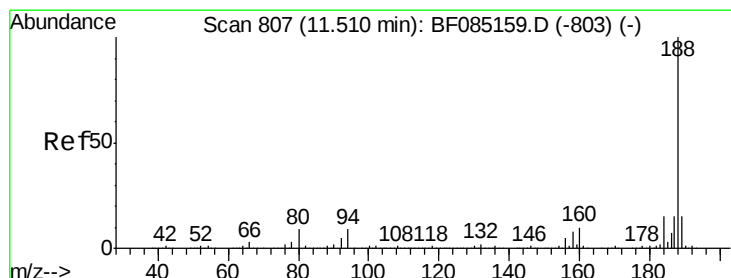
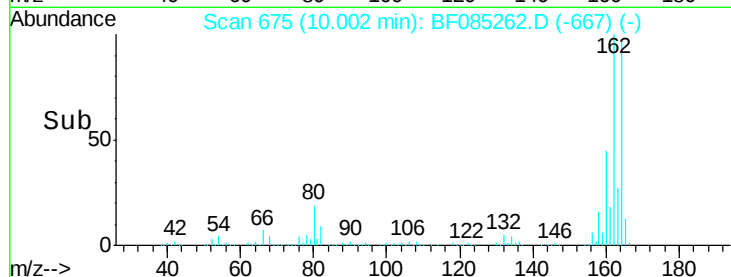
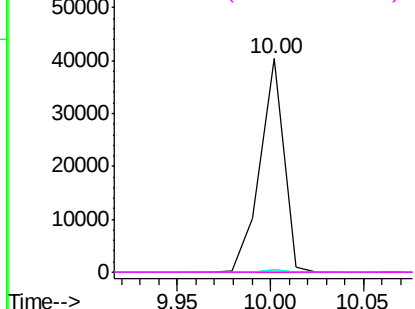


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

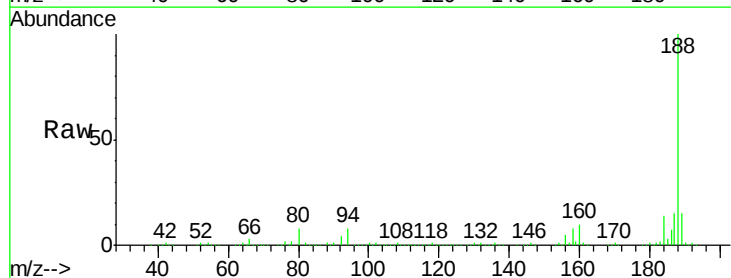
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085262.D
Acq: 8 Mar 2016 18:19

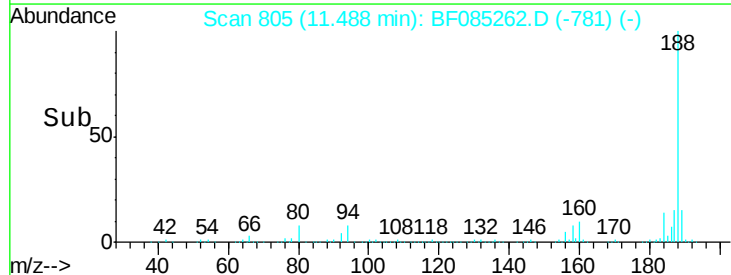
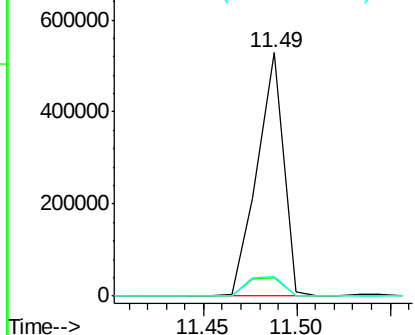
Tgt Ion:	188	Resp:	519469
Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.0	10.6
80	7.9	7.4	11.0

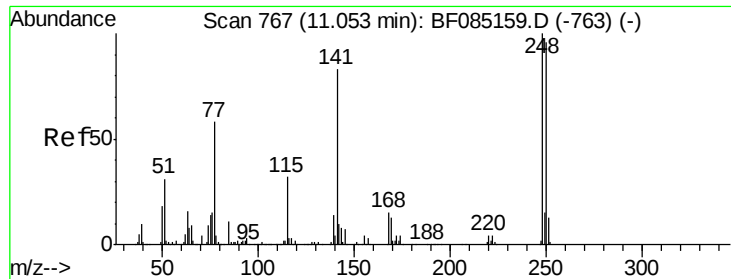


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

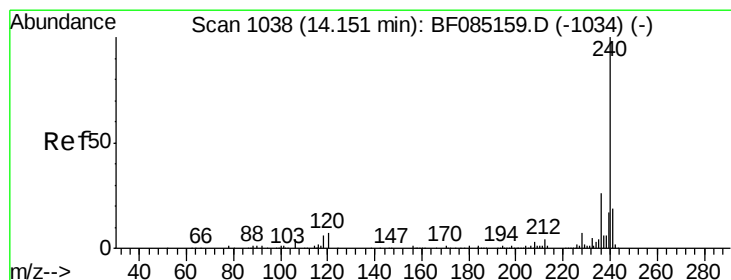
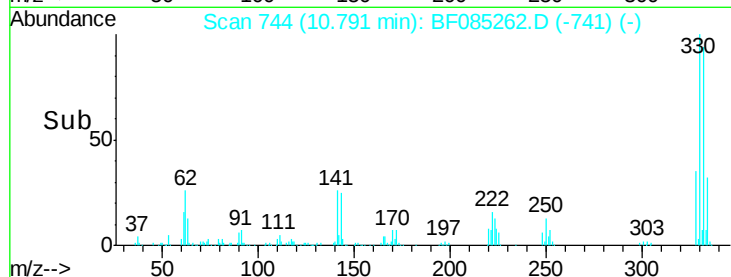
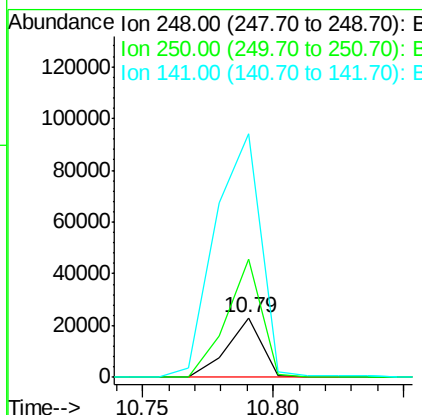
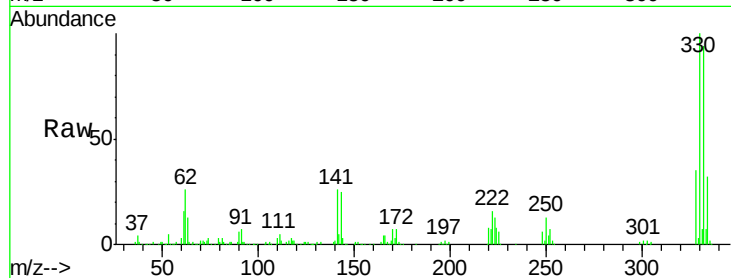




#66
 4-Bromophenyl-phenylether
 Concen: 4.24 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.26 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

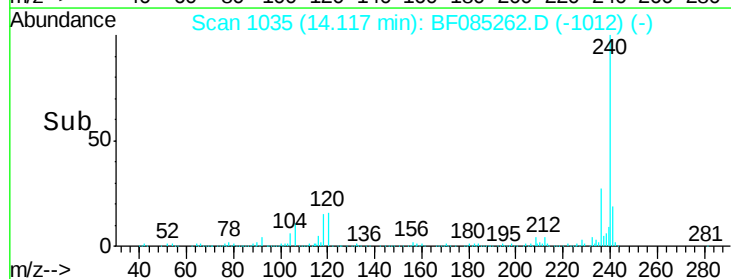
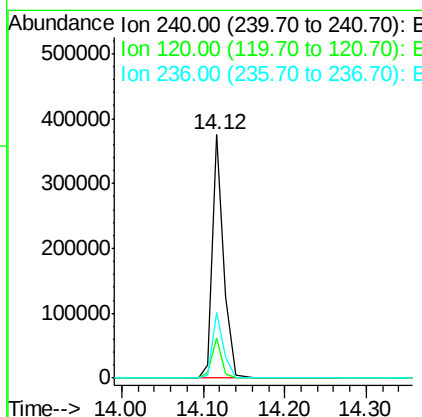
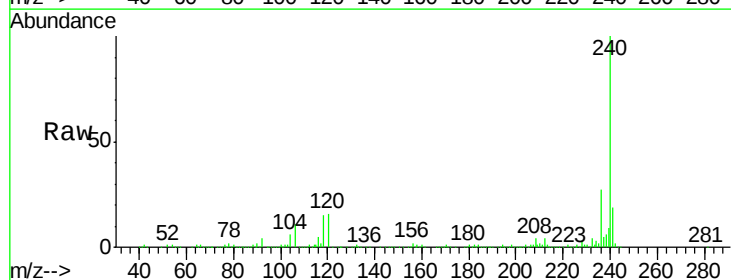
Instrument :
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 RW-48-S2-GRID5

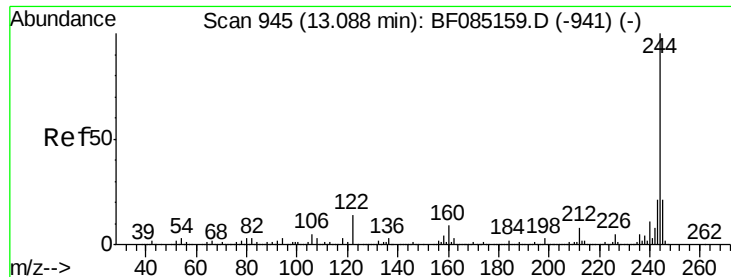
Tgt Ion:248 Resp: 21374
 Ion Ratio Lower Upper
 248 100
 250 198.3 77.1 115.7#
 141 406.4 66.2 99.2#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

Tgt Ion:240 Resp: 366506
 Ion Ratio Lower Upper
 240 100
 120 16.5 5.3 7.9#
 236 27.0 20.7 31.1

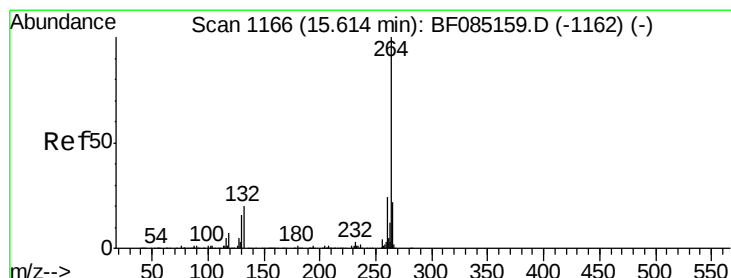
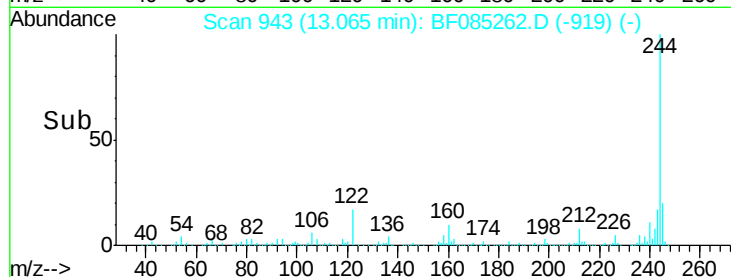
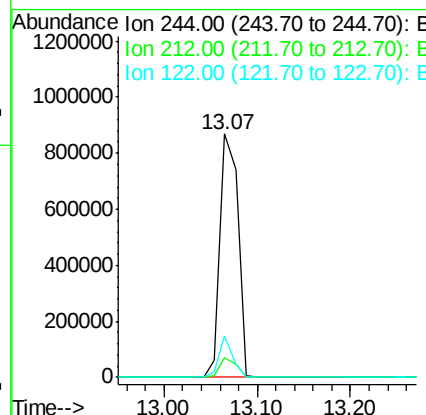
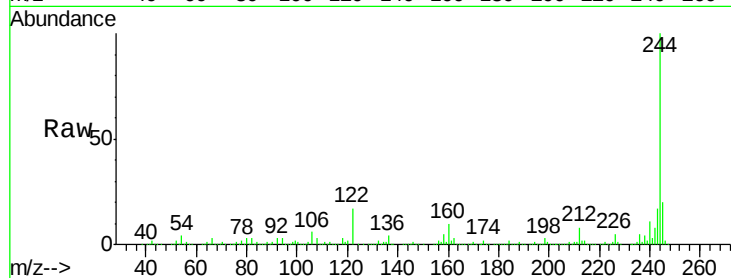




#78
 Terphenyl-d14
 Concen: 73.33 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID5

Tgt Ion:244 Resp: 1157721
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 17.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085262.D
 Acq: 8 Mar 2016 18:19

Tgt Ion:264 Resp: 277089
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.4 17.3 25.9

