

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085269.D
 Acq On : 8 Mar 2016 21:38
 Operator : UM/SJ
 Sample : H1707-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Quant Time: Mar 09 00:06:27 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

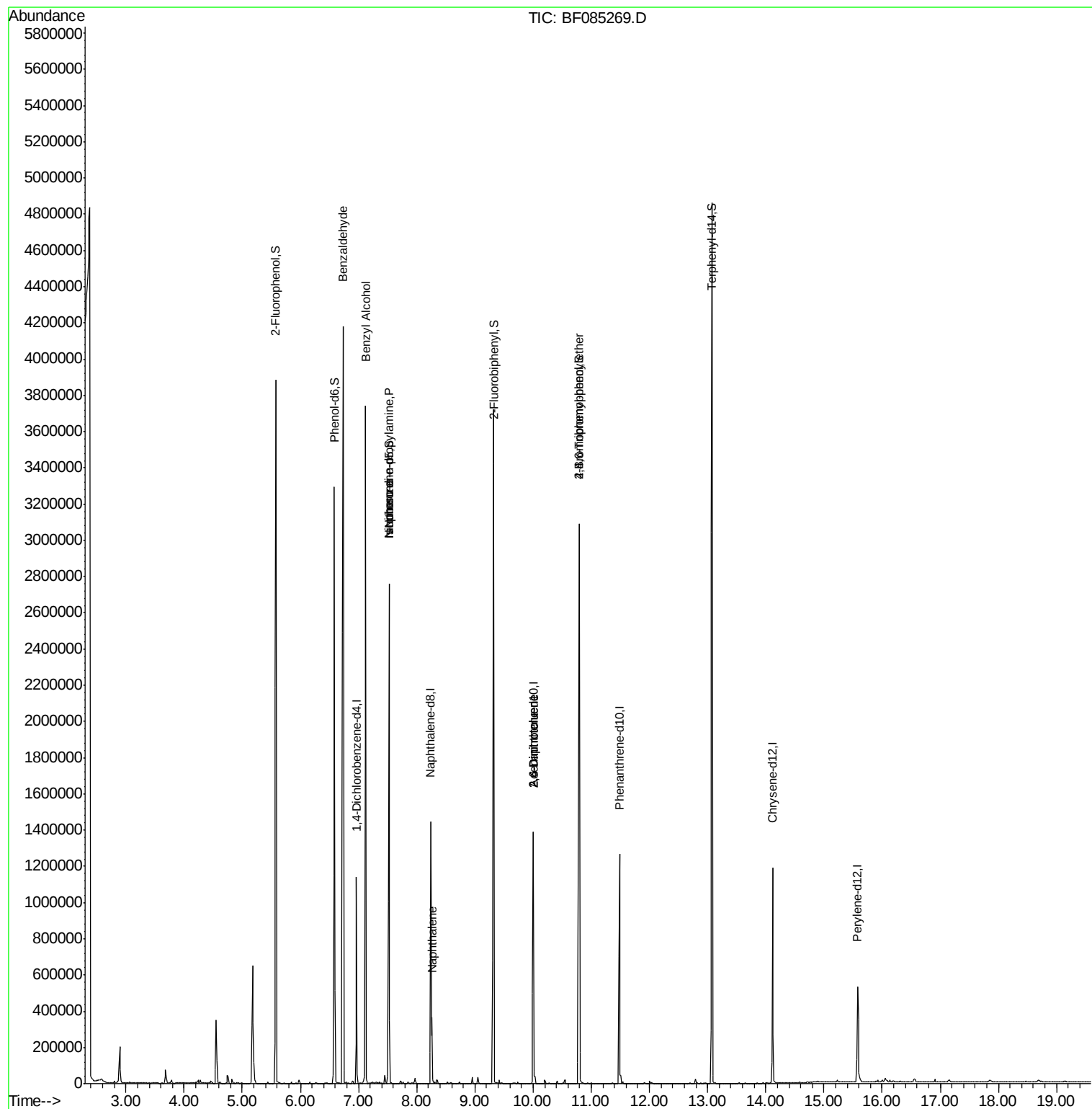
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	162279	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	624077	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	288702	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	551846	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	385950	20.00	ng	-0.03
86) Perylene-d12	15.58	264	249091	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1289897	133.33	ng	0.00
7) Phenol-d6	6.58	99	1310761	103.41	ng	-0.02
23) Nitrobenzene-d5	7.52	82	1000731	85.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	404518	163.75	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1839511	96.90	ng	-0.02
78) Terphenyl-d14	13.08	244	1886369	113.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	32004	2.50	ng	Qvalue 86
15) Benzyl Alcohol	7.12	79	18672	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.52	70	132778	16.07	ng	# 78
25) Isophorone	7.52	82	746142	34.52	ng	# 67
31) Naphthalene	8.26	128	151261	4.93	ng	97
50) 2,6-Dinitrotoluene	10.00	165	36859	7.78	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	36852	6.07	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	29371	5.48	ng	# 1

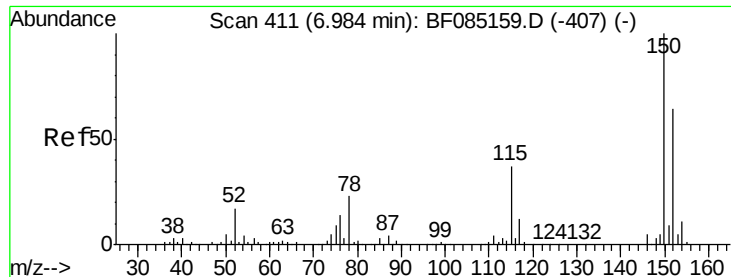
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Quant Time: Mar 09 00:06:27 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

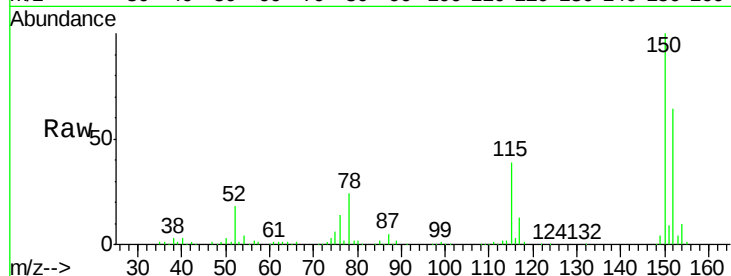
Tgt Ion:152 Resp: 162279

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

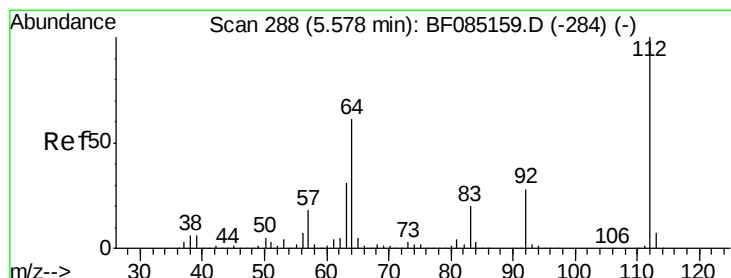
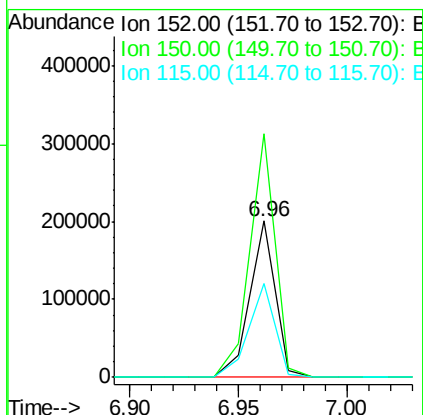
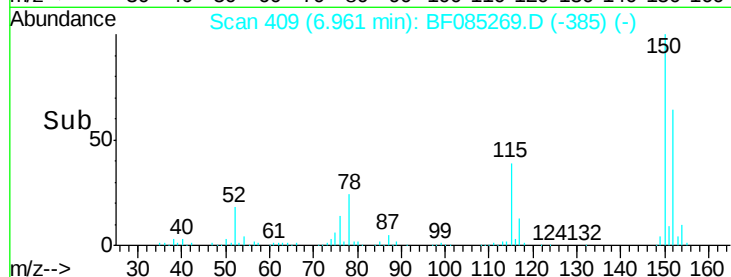
115 59.9 46.6 70.0



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: 133.33 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

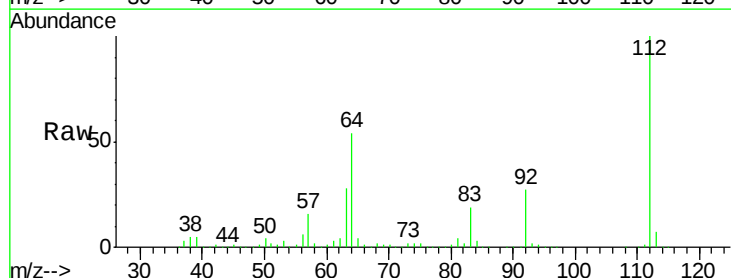
Tgt Ion:112 Resp: 1289897

Ion Ratio Lower Upper

112 100

64 54.5 49.0 73.4

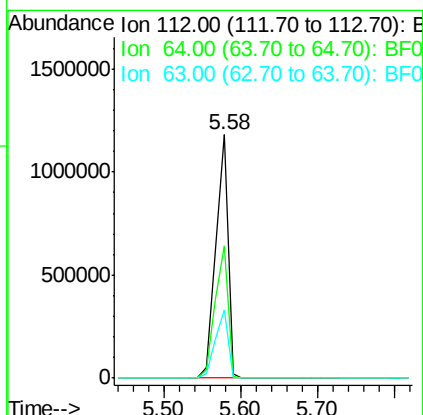
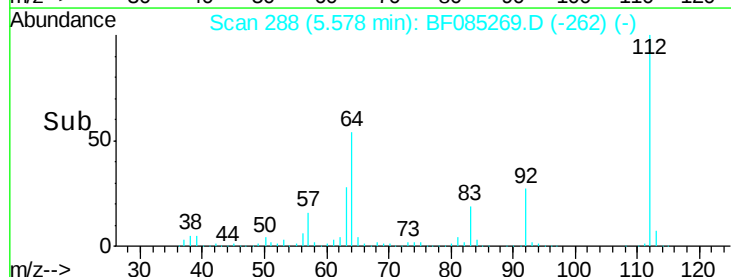
63 27.9 24.8 37.2

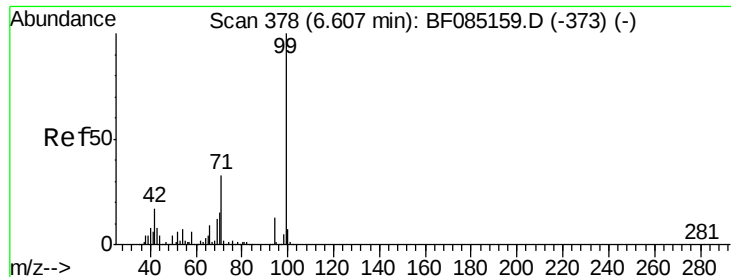


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.41 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

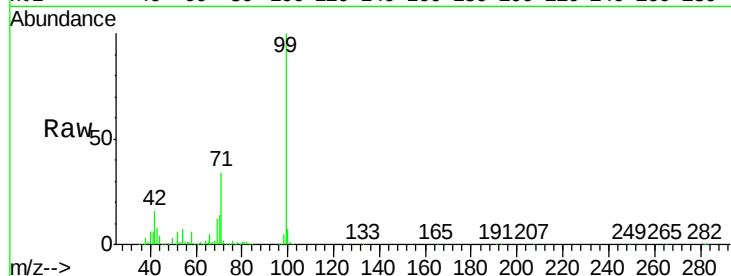
Tgt Ion: 99 Resp: 1310761

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

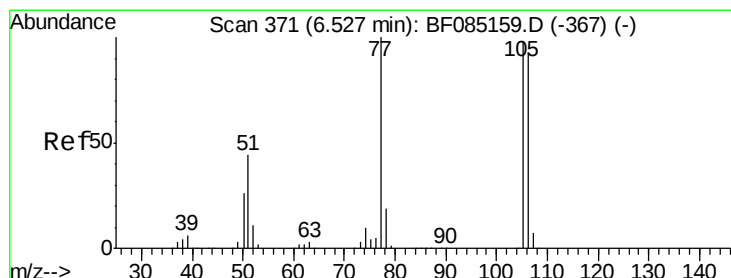
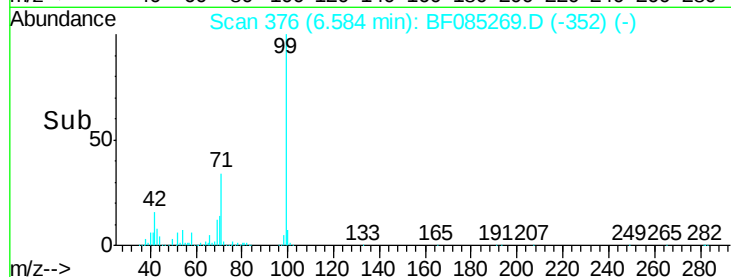
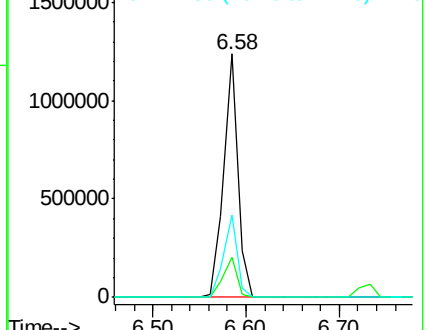
71 33.6 26.7 40.1



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



#9

Benzaldehyde

Concen: 2.50 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

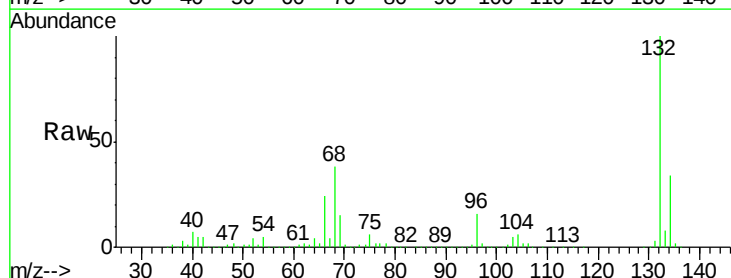
Tgt Ion: 77 Resp: 32004

Ion Ratio Lower Upper

77 100

105 84.4 78.2 118.2

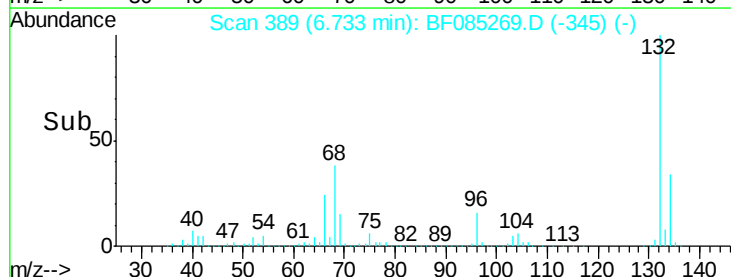
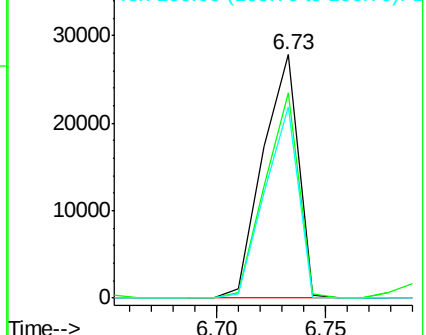
106 78.7 72.9 112.9

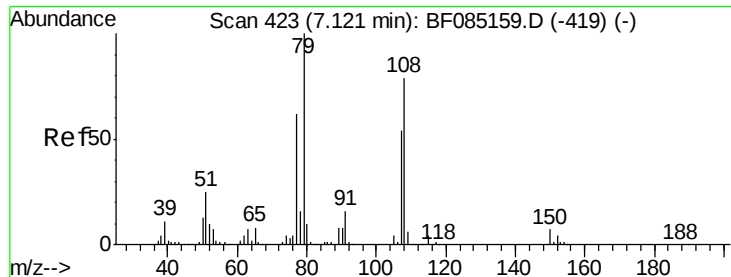


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

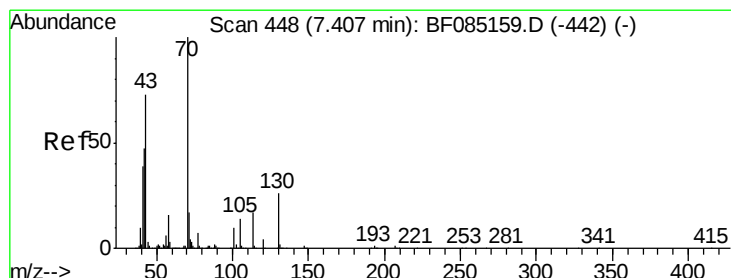
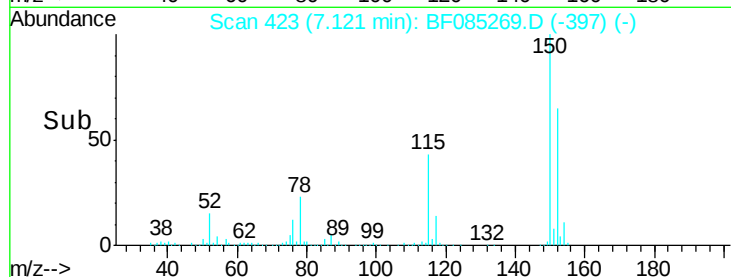
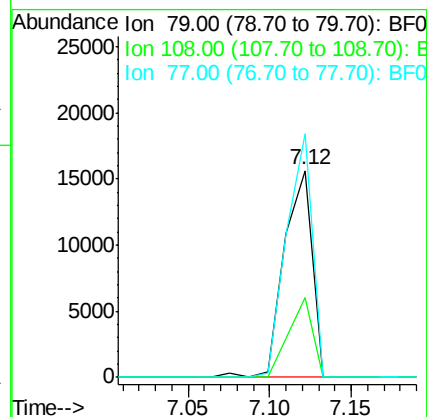
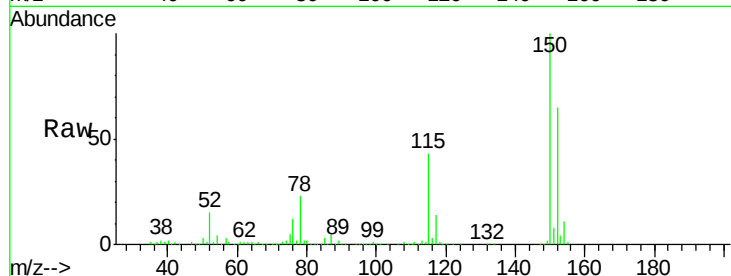
Tgt Ion: 79 Resp: 18672

Ion Ratio Lower Upper

79 100

108 38.7 62.9 94.3#

77 117.7 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.07 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Tgt Ion: 70 Resp: 132778

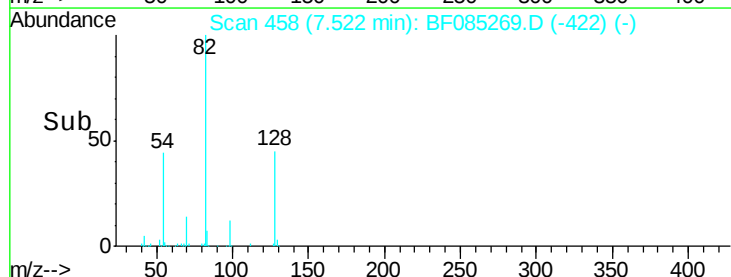
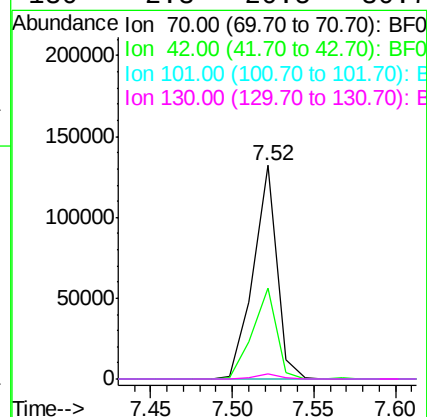
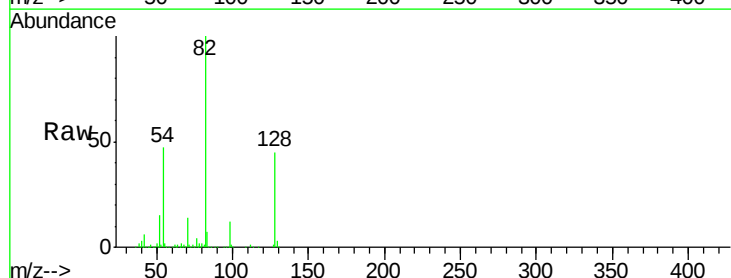
Ion Ratio Lower Upper

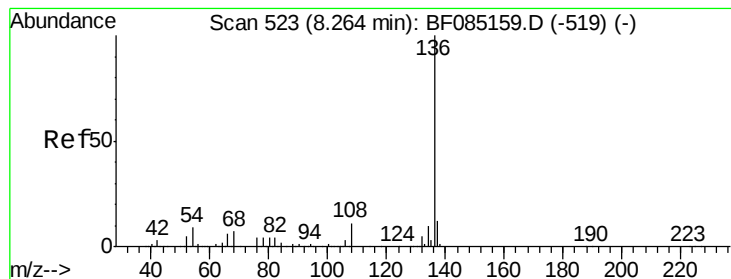
70 100

42 42.5 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

Tgt Ion:136 Resp: 624077

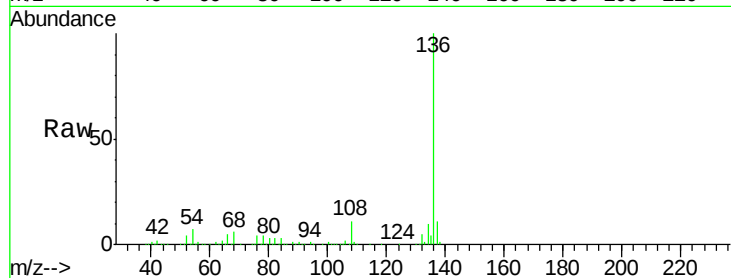
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.5 7.4 11.2

68 6.2 6.0 9.0

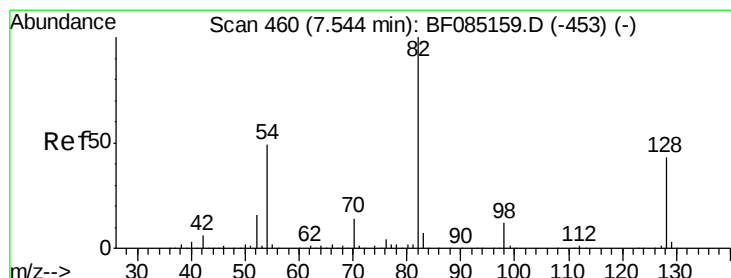
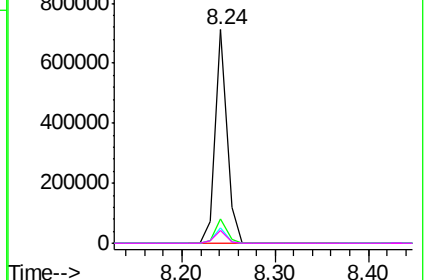
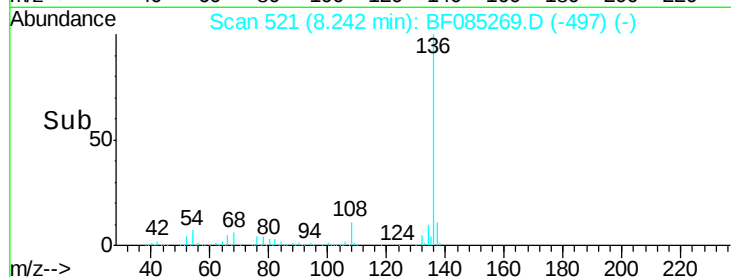


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 85.81 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

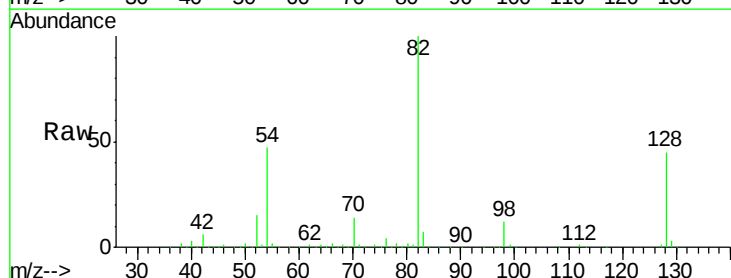
Tgt Ion: 82 Resp: 1000731

Ion Ratio Lower Upper

82 100

128 45.0 34.5 51.7

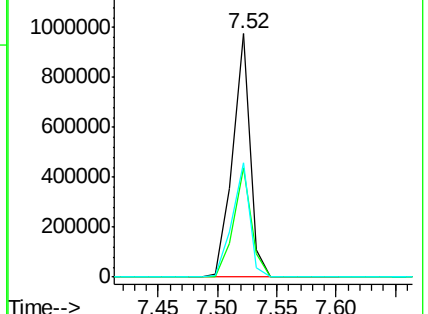
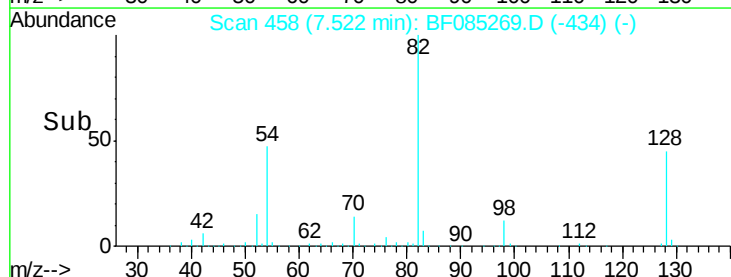
54 47.0 39.3 58.9

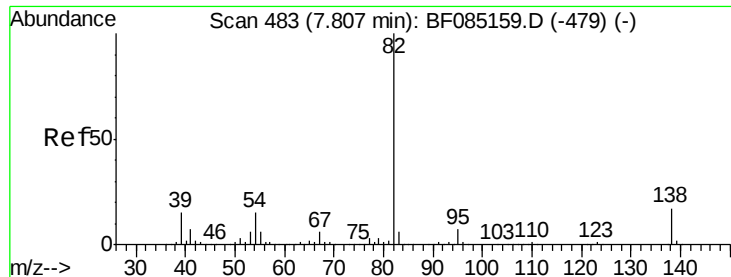


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 34.52 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

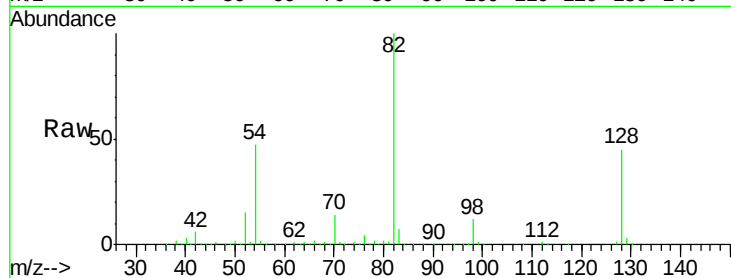
Tgt Ion: 82 Resp: 746142

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

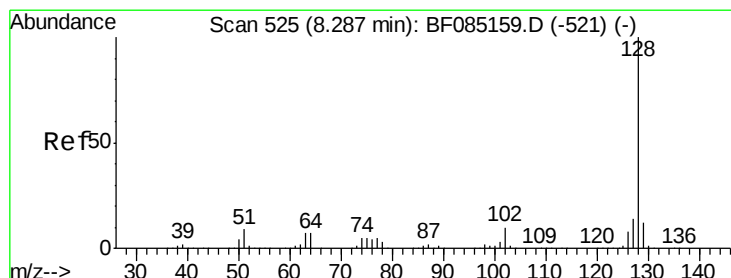
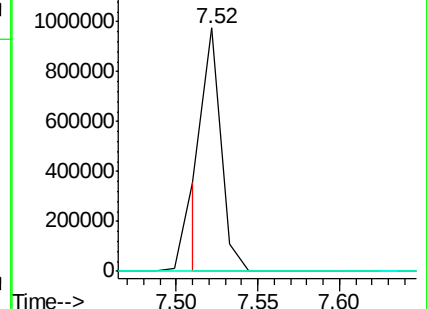
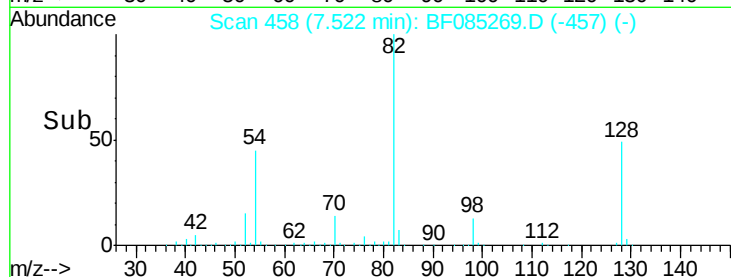
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF085159.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BF085159.D (-479) (-)

Ion 138.00 (137.70 to 138.70): BF085159.D (-479) (-)



#31

Naphthalene

Concen: 4.93 ng

RT: 8.26 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

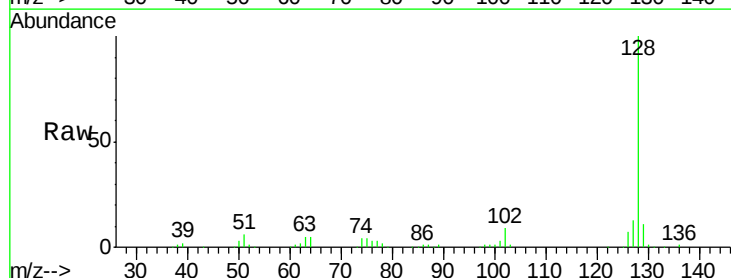
Tgt Ion: 128 Resp: 151261

Ion Ratio Lower Upper

128 100

129 10.9 9.7 14.5

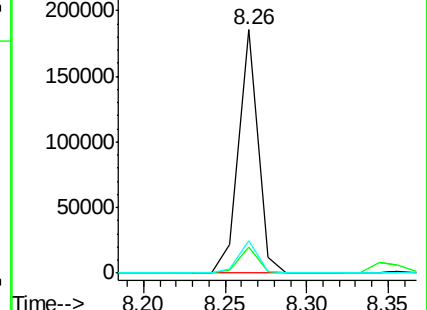
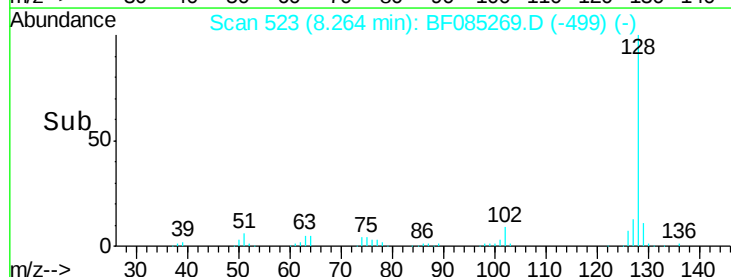
127 13.1 11.2 16.8

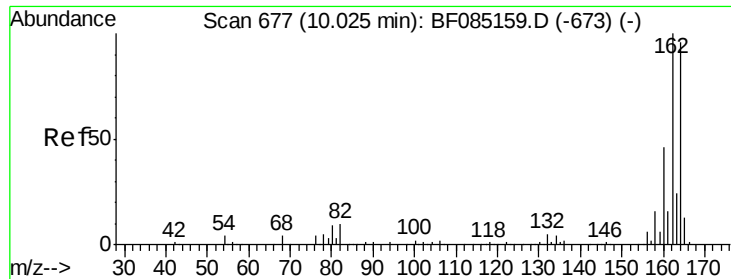


Abundance Ion 128.00 (127.70 to 128.70): BF085159.D (-521) (-)

Ion 129.00 (128.70 to 129.70): BF085159.D (-521) (-)

Ion 127.00 (126.70 to 127.70): BF085159.D (-521) (-)

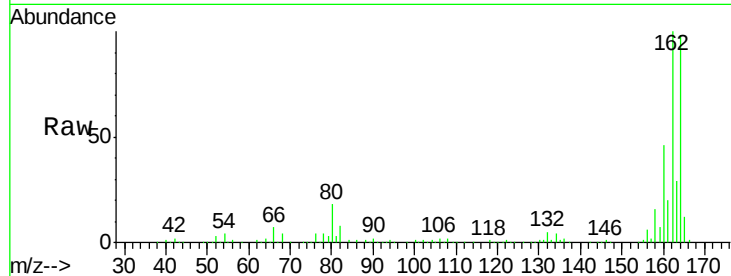




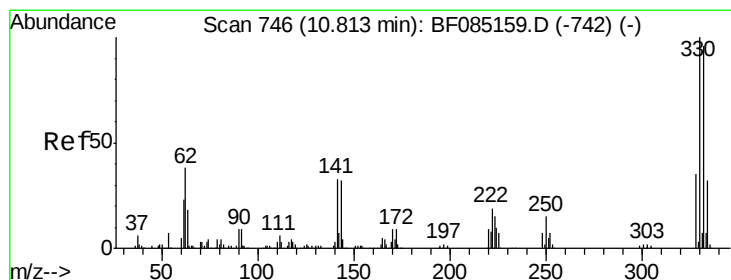
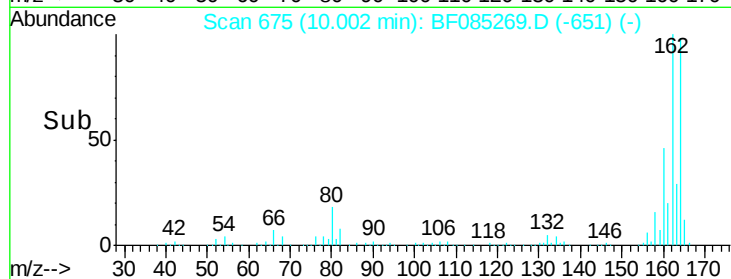
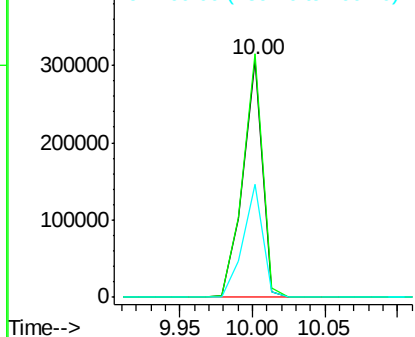
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Instrument :
 BNA_F
 ClientSampleId :
 RW-48-S2-GRID6

Tgt Ion:164 Resp: 288702
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.3 124.9
 160 47.3 37.9 56.9

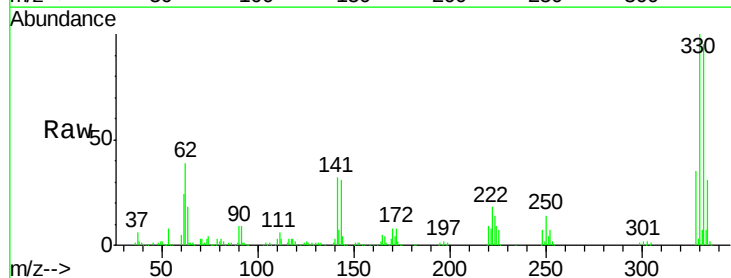


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

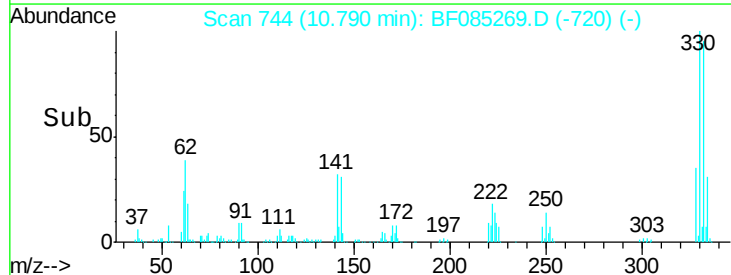
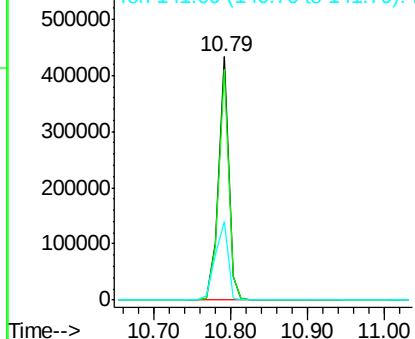


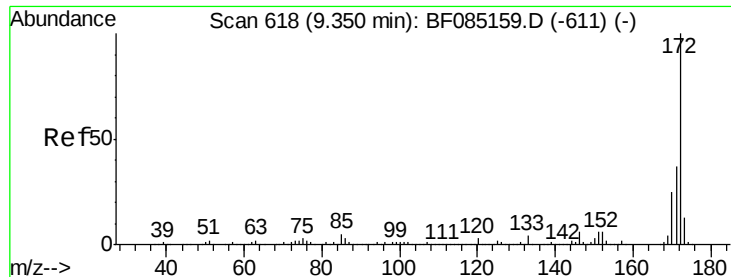
#41
 2,4,6-Tribromophenol
 Concen: 163.75 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085269.D
 Acq: 8 Mar 2016 21:38

Tgt Ion:330 Resp: 404518
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.1 115.7
 141 39.9 35.0 52.6



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

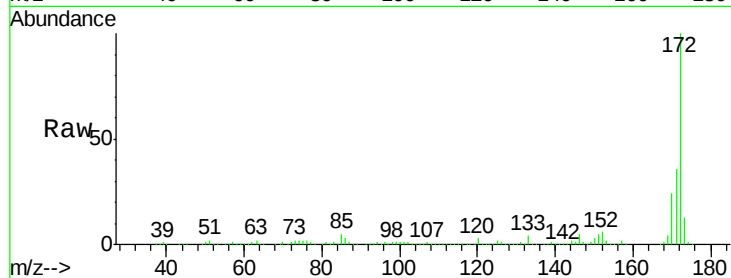




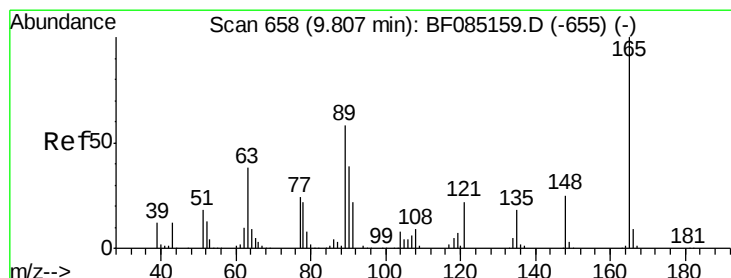
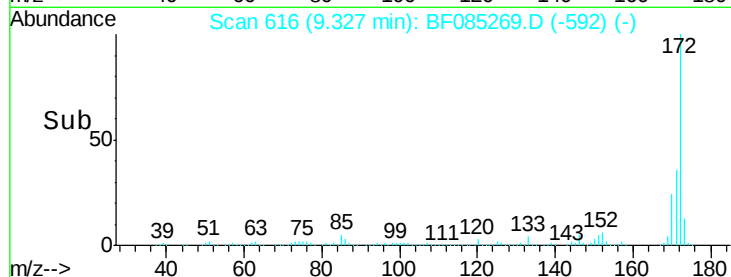
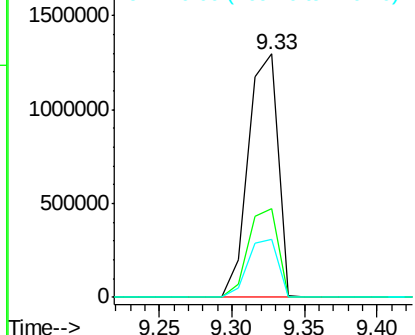
#44
2-Fluorobiphenyl
Concen: 96.90 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Tgt Ion:172 Resp: 1839511
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.0 20.0 30.0

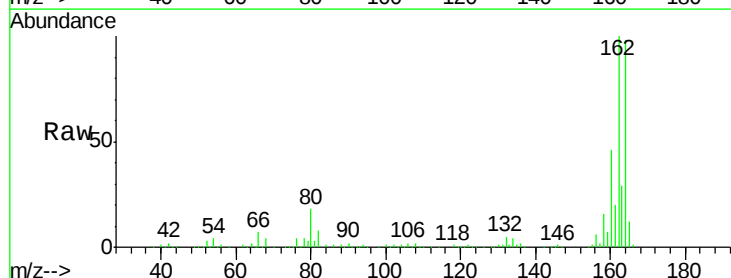


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

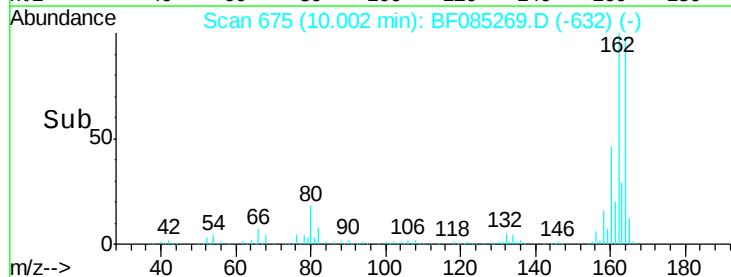
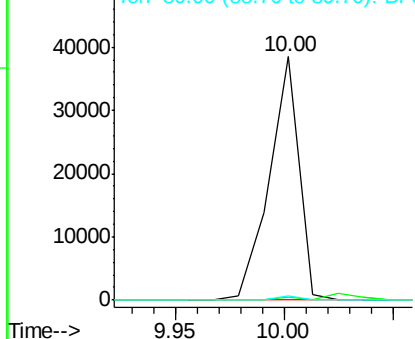


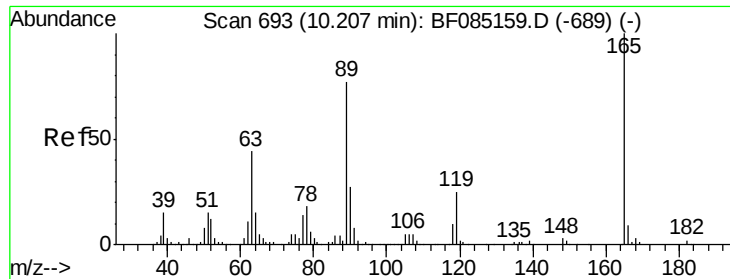
#50
2,6-Dinitrotoluene
Concen: 7.78 ng
RT: 10.00 min Scan# 675
Delta R.T. 0.19 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Tgt Ion:165 Resp: 36859
Ion Ratio Lower Upper
165 100
63 1.2 41.8 62.8#
89 1.9 46.7 70.1#



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

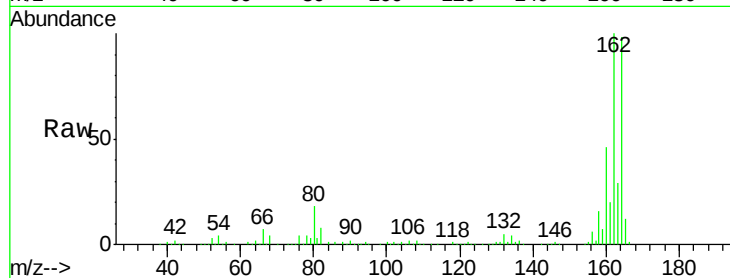




#56
2,4-Dinitrotoluene
Concen: 6.07 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Tgt Ion:	165	Resp:	36852
Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.9	61.9	92.9#
182	0.0	1.9	2.9#

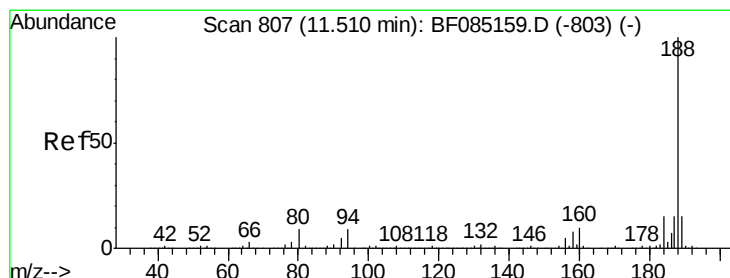
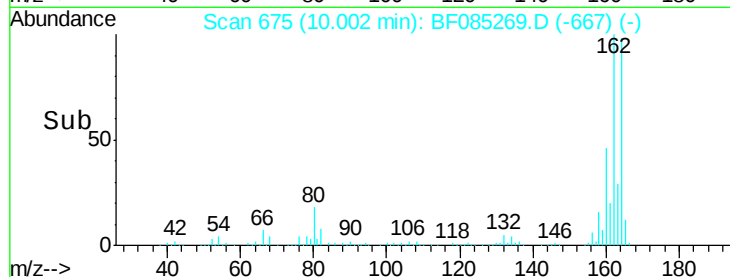
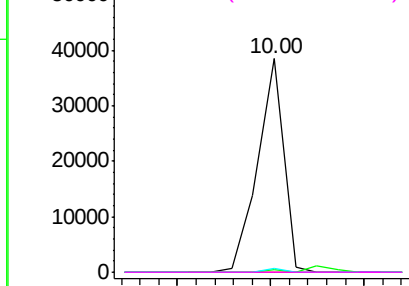


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

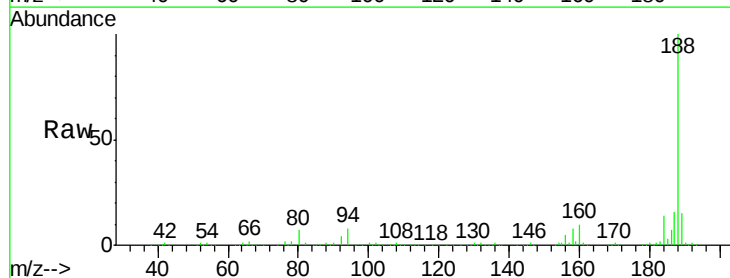
Ion 89.00 (88.70 to 89.70): BF0

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: BF085269.D
Acq: 8 Mar 2016 21:38

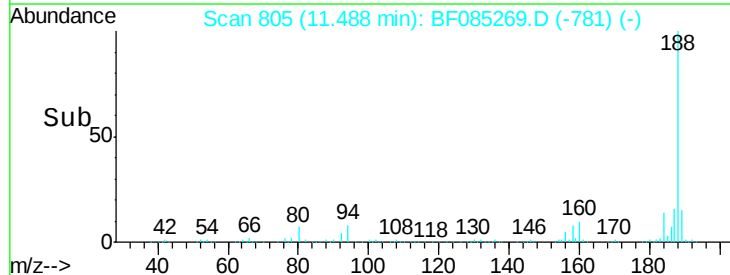
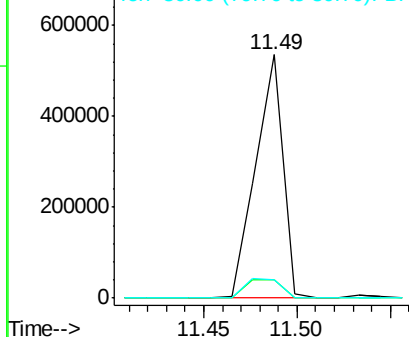
Tgt Ion:	188	Resp:	551846
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.6
80	7.4	7.4	11.0

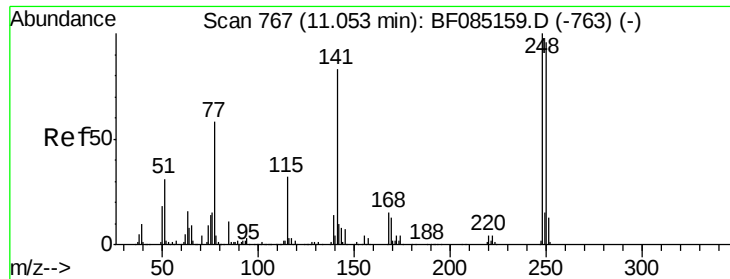


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

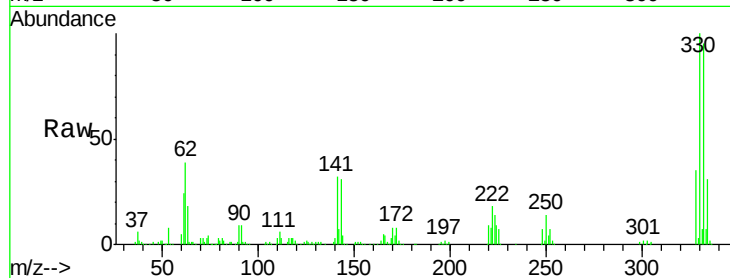




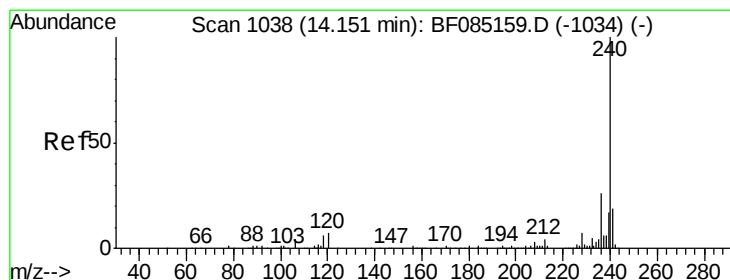
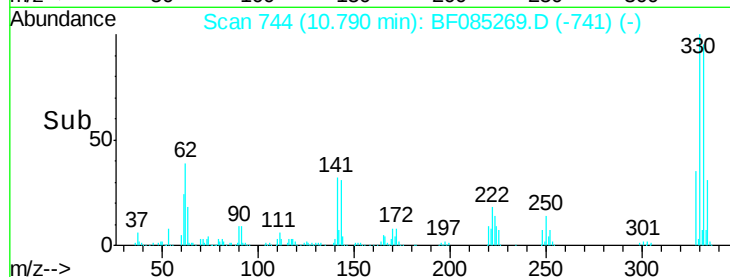
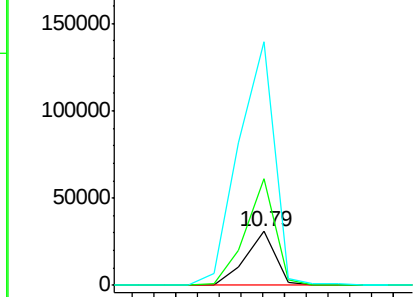
#66
4-Bromophenyl-phenylether
Concen: 5.48 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Instrument :
BNA_F
ClientSampleId :
RW-48-S2-GRID6

Tgt Ion:248 Resp: 29371
Ion Ratio Lower Upper
248 100
250 197.8 77.1 115.7#
141 453.6 66.2 99.2#

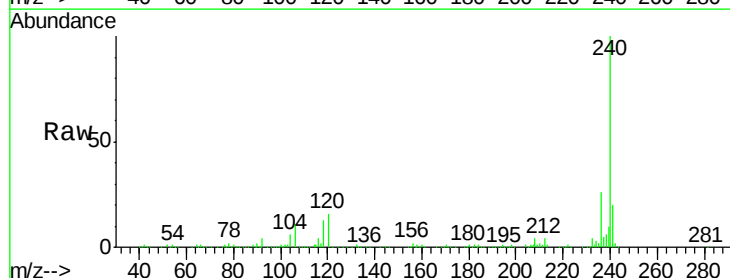


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

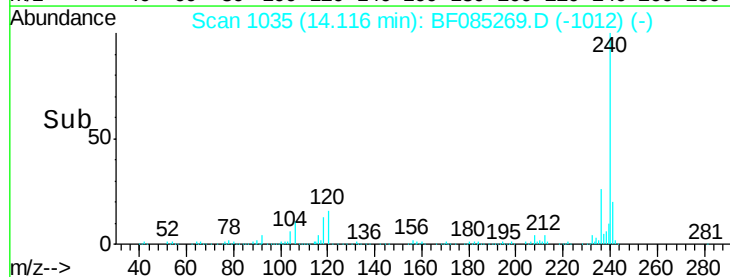
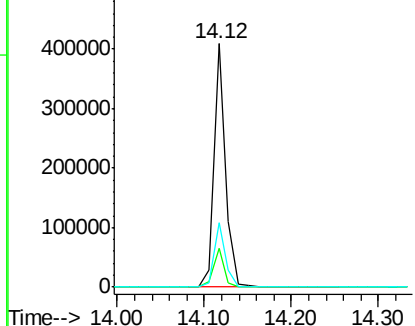


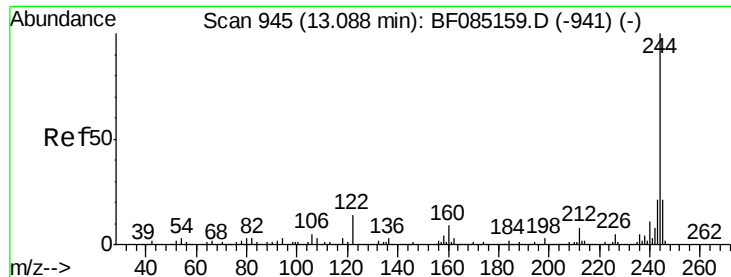
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF085269.D
Acq: 8 Mar 2016 21:38

Tgt Ion:240 Resp: 385950
Ion Ratio Lower Upper
240 100
120 15.9 5.3 7.9#
236 26.2 20.7 31.1



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: 113.46 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

Instrument :

BNA_F

ClientSampleId :

RW-48-S2-GRID6

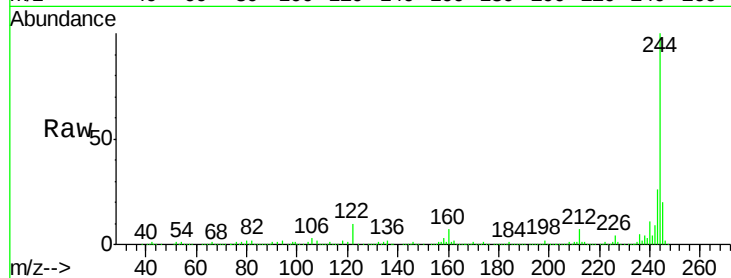
Tgt Ion:244 Resp: 1886369

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

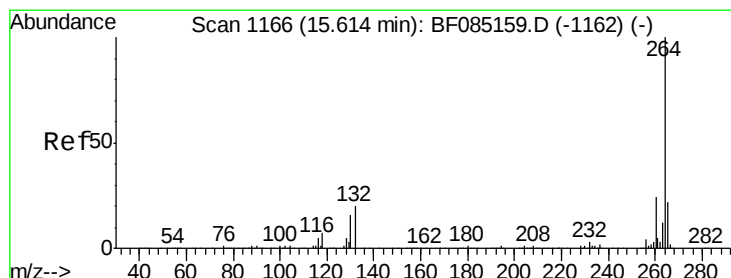
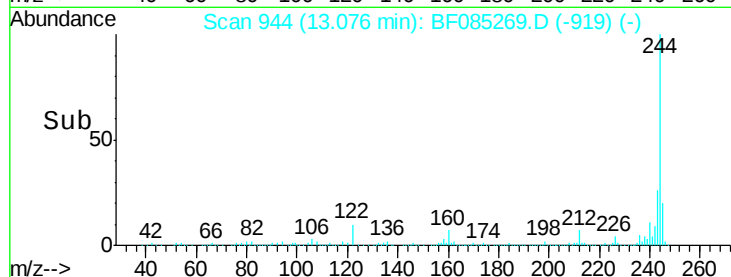
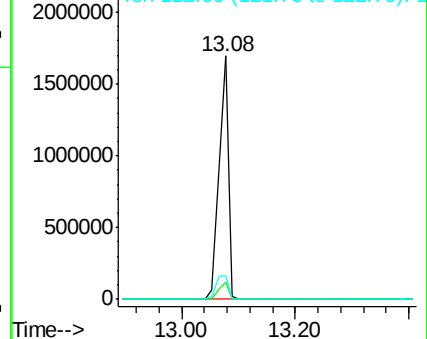
122 9.5 11.4 17.2#



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: 15.58 min Scan# 1163

Delta R.T. -0.03 min

Lab File: BF085269.D

Acq: 8 Mar 2016 21:38

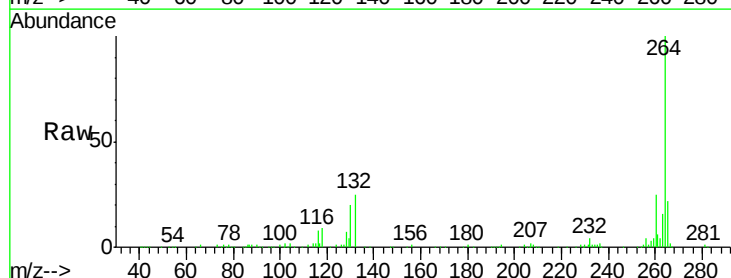
Tgt Ion:264 Resp: 249091

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 22.1 17.3 25.9



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

