

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085469.D
 Acq On : 16 Mar 2016 18:40
 Operator : UM/SJ
 Sample : H1769-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-325-359-COMPOSITE

Quant Time: Mar 17 00:50:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

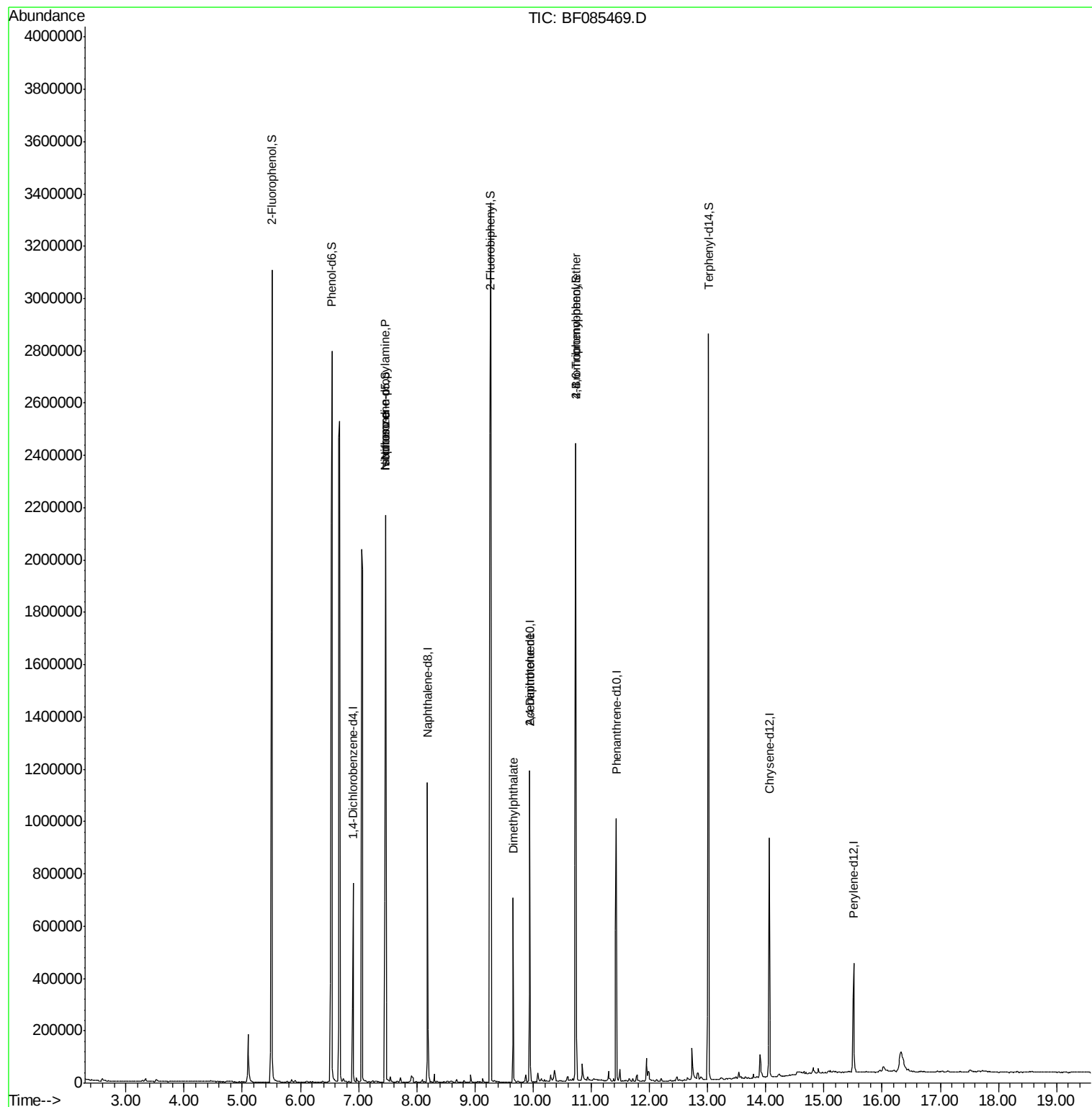
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	123753	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	490659	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	235163	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	441581	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	298371	20.00	ng	-0.02
86) Perylene-d12	15.51	264	202234	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1059614	147.18	ng	0.00
7) Phenol-d6	6.54	99	1451339	155.41	ng	-0.01
23) Nitrobenzene-d5	7.46	82	777984	93.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	291238	134.46	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1439621	106.20	ng	-0.01
78) Terphenyl-d14	13.02	244	1342357	101.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	103926	18.58	ng	# 78
25) Isophorone	7.46	82	606347	35.83	ng	# 67
49) Dimethylphthalate	9.66	163	276909	16.14	ng	99
56) 2,4-Dinitrotoluene	9.94	165	29562	6.22	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	20275	4.54	ng	# 1

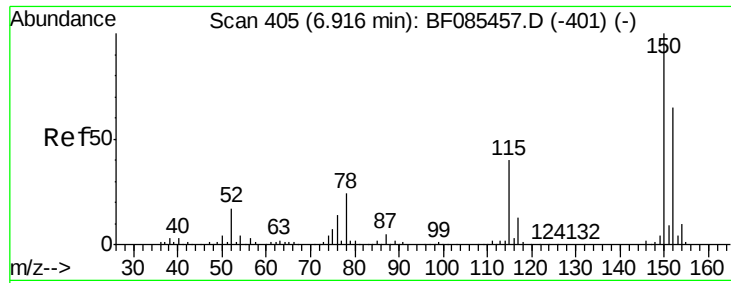
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

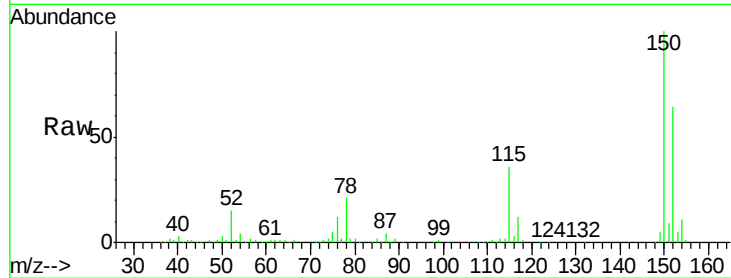
Tgt Ion:152 Resp: 123753

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

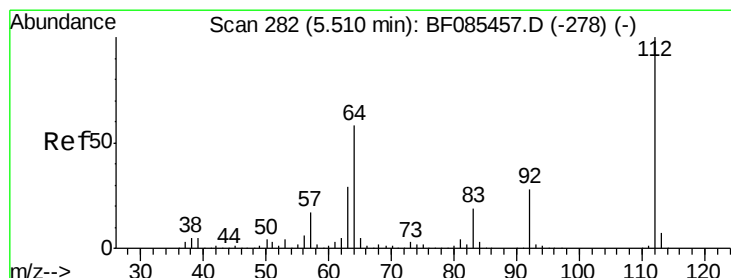
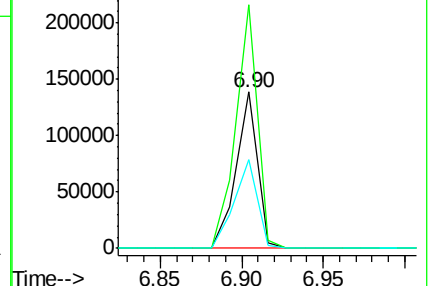
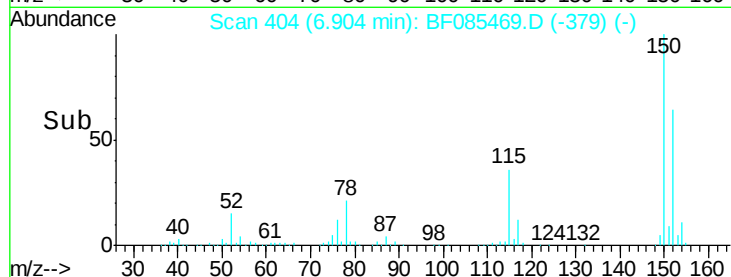
115 56.4 46.6 70.0



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: 147.18 ng

RT: 5.51 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

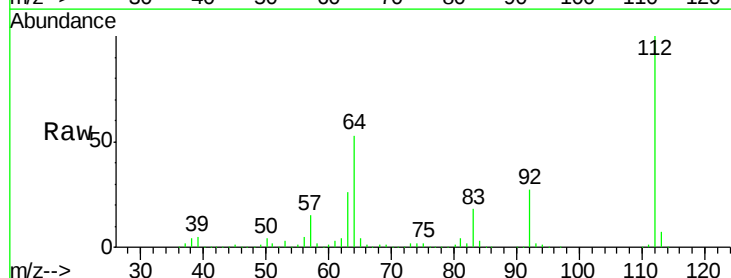
Tgt Ion:112 Resp: 1059614

Ion Ratio Lower Upper

112 100

64 52.9 49.0 73.4

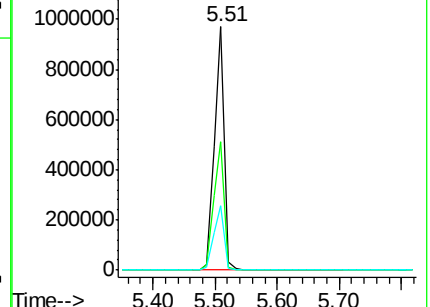
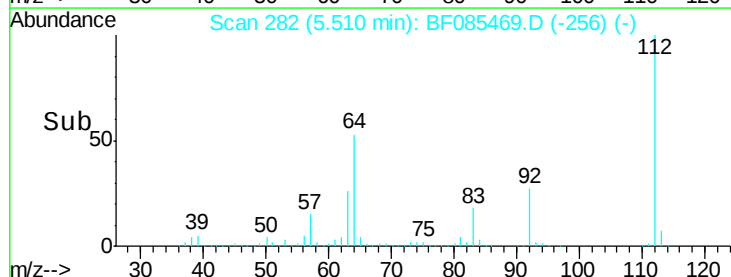
63 26.4 24.8 37.2

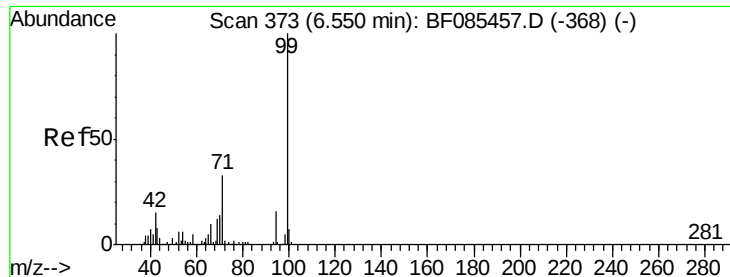


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 155.41 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

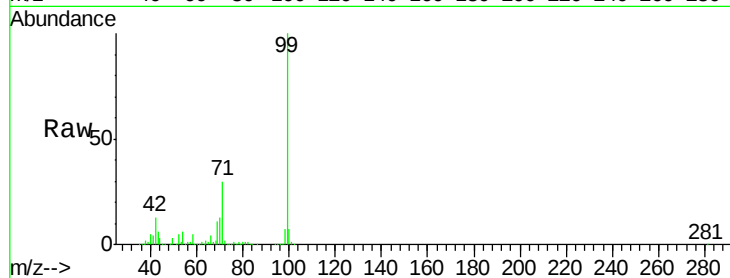
Tgt Ion: 99 Resp: 1451339

Ion Ratio Lower Upper

99 100

42 12.7 13.6 20.4#

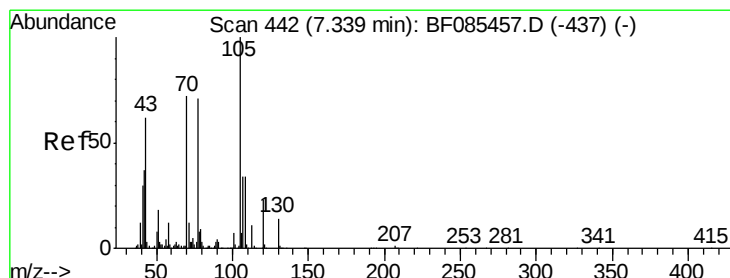
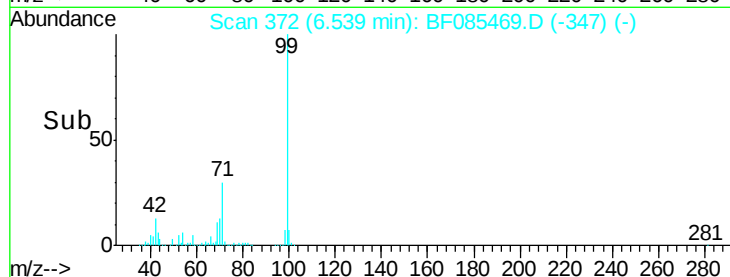
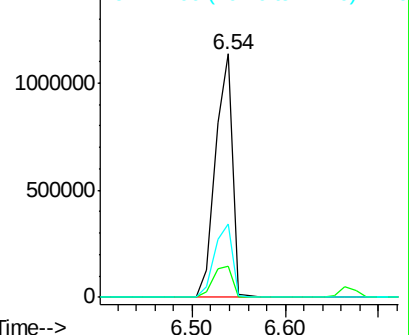
71 30.0 26.7 40.1



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: 18.58 ng

RT: 7.46 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Tgt Ion: 70 Resp: 103926

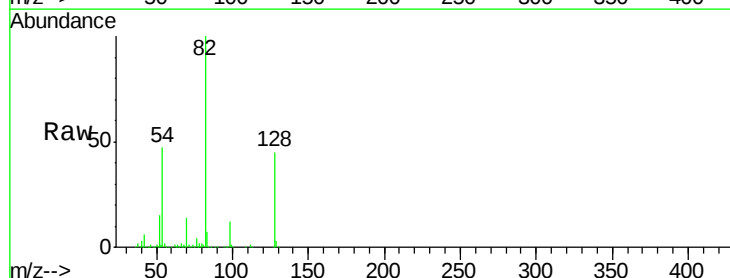
Ion Ratio Lower Upper

70 100

42 41.5 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

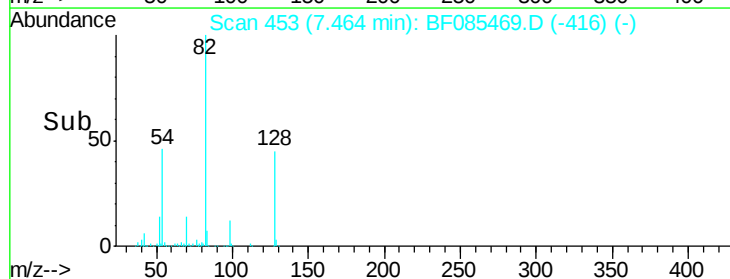
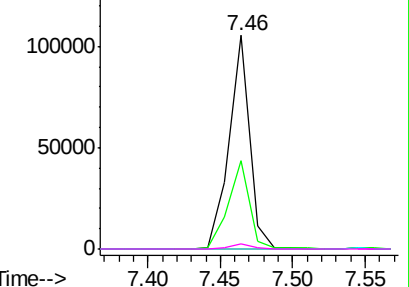


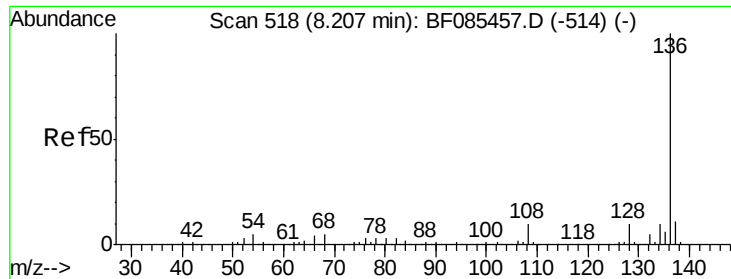
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

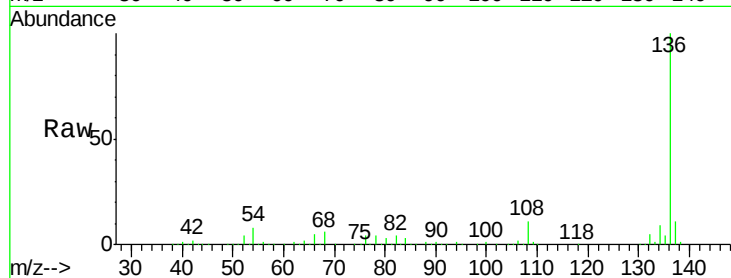




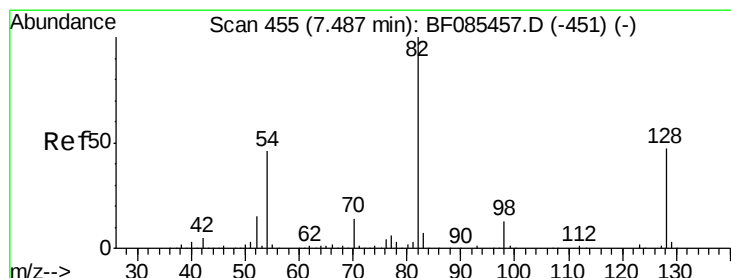
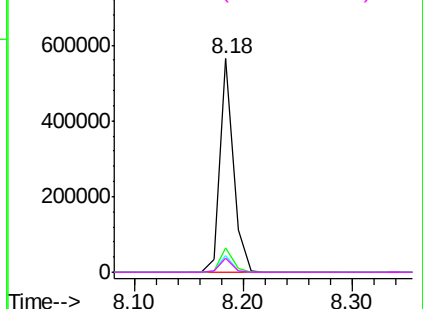
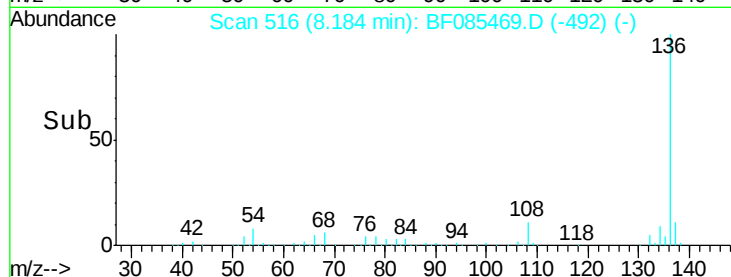
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085469.D
Acq: 16 Mar 2016 18:40

Instrument :
BNA_F
ClientSampleId :
DRUM-325-359-COMPOSITE

Tgt Ion:	136	Resp:	490659
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.8	7.4	11.2
68	6.5	6.0	9.0

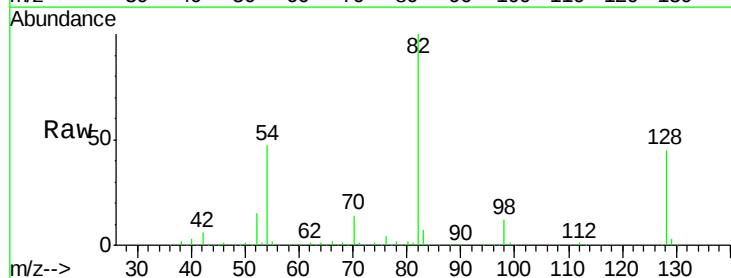


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

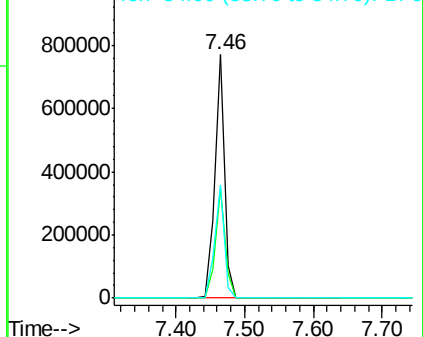
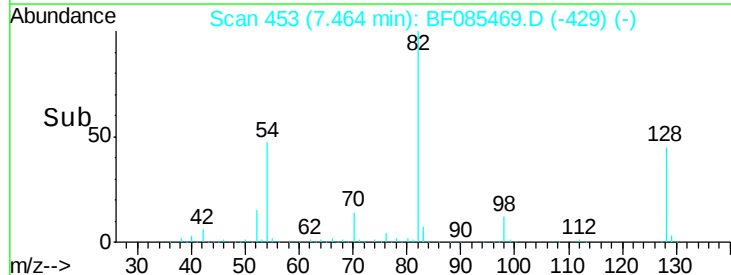


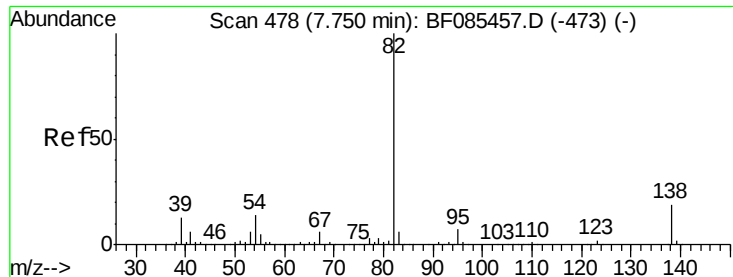
#23
Nitrobenzene-d5
Concen: 93.75 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085469.D
Acq: 16 Mar 2016 18:40

Tgt Ion:	82	Resp:	777984
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.5	51.7
54	46.5	39.3	58.9



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





#25

Isophorone

Concen: 35.83 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.29 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

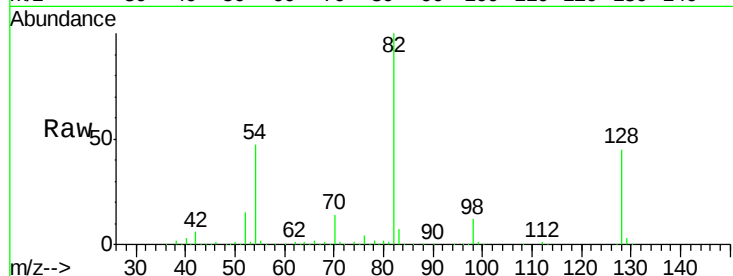
Tgt Ion: 82 Resp: 606347

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

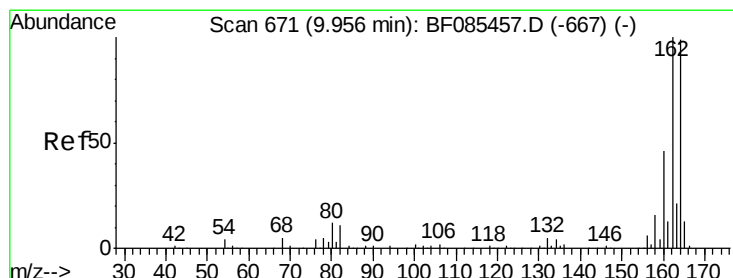
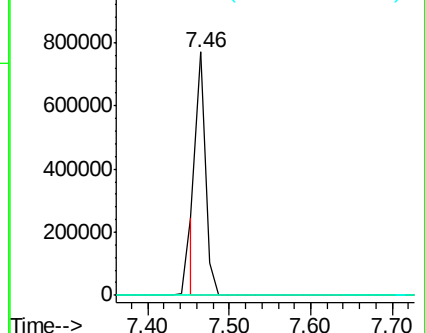
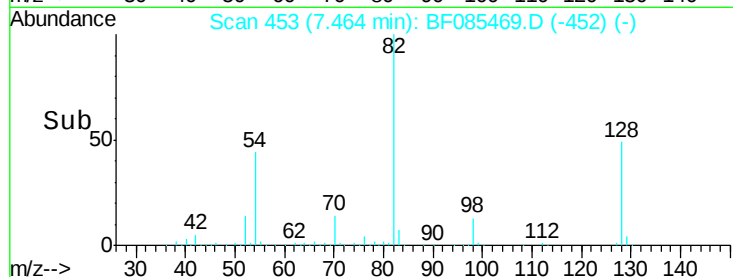
138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

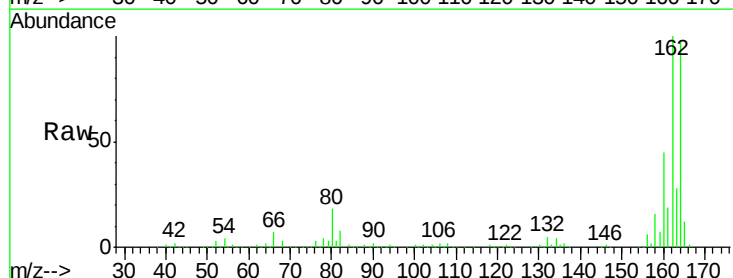
Tgt Ion: 164 Resp: 235163

Ion Ratio Lower Upper

164 100

162 103.0 83.3 124.9

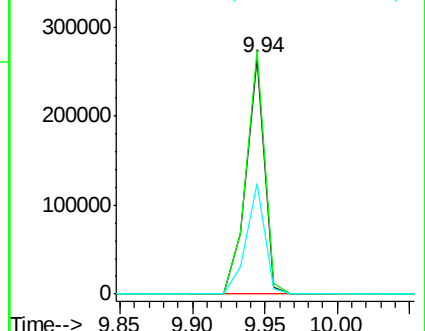
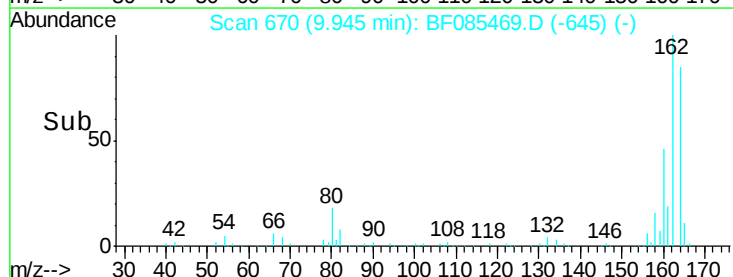
160 46.7 37.9 56.9

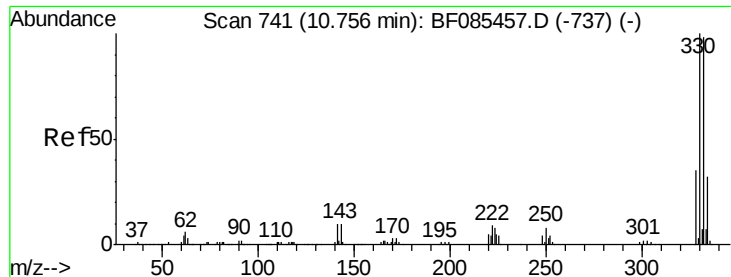


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

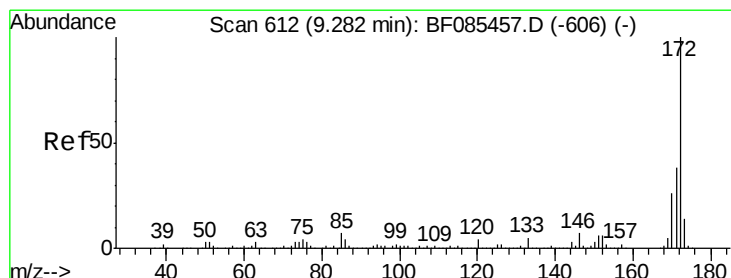
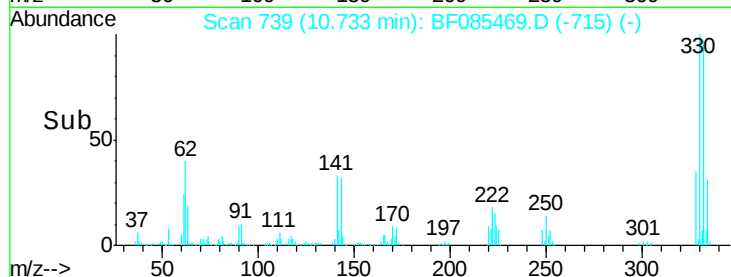
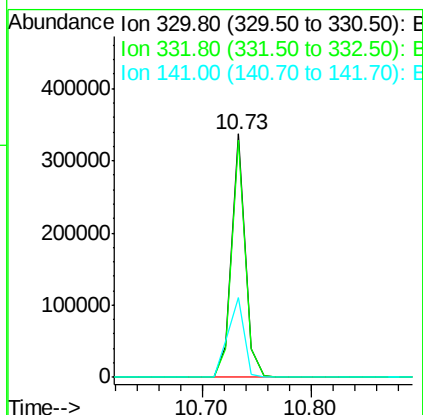
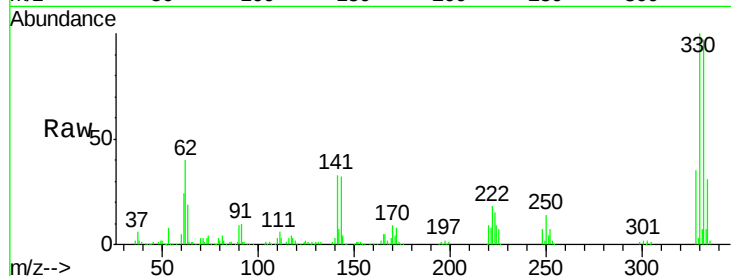




#41
 2,4,6-Tribromophenol
 Concen: 134.46 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085469.D
 Acq: 16 Mar 2016 18:40

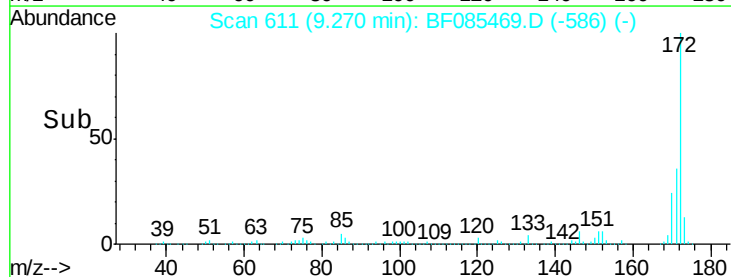
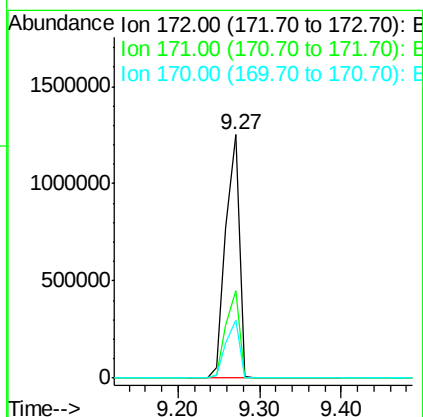
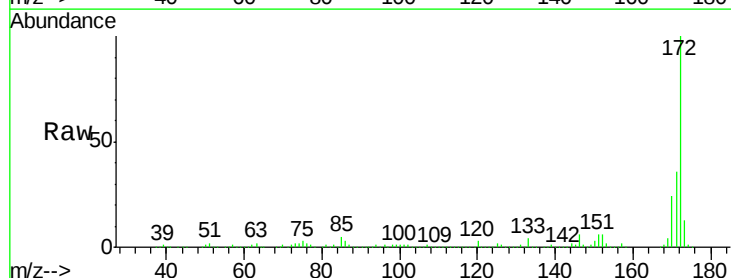
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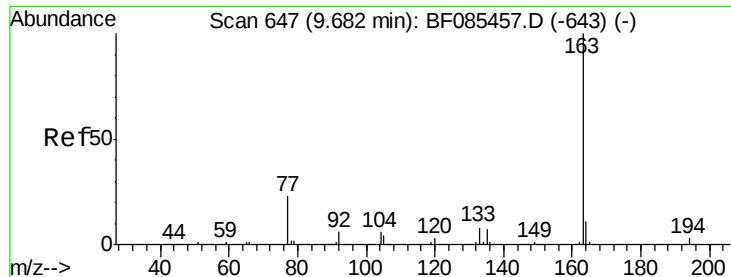
Tgt Ion:330 Resp: 291238
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 39.2 35.0 52.6



#44
 2-Fluorobiphenyl
 Concen: 106.20 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085469.D
 Acq: 16 Mar 2016 18:40

Tgt Ion:172 Resp: 1439621
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.1 20.0 30.0





#49

Dimethylphthalate

Concen: 16.14 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

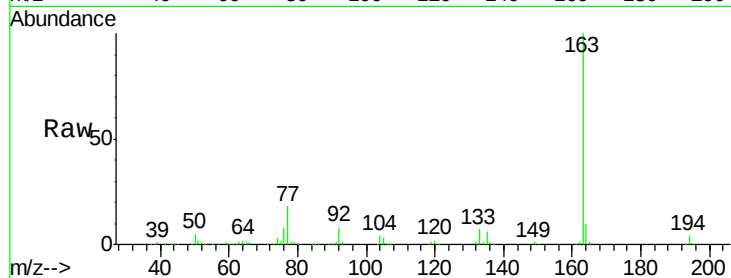
Tgt Ion:163 Resp: 276909

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

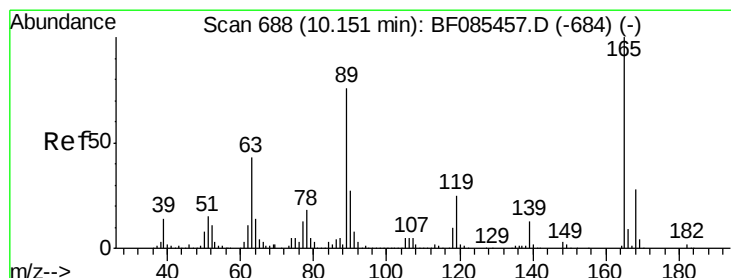
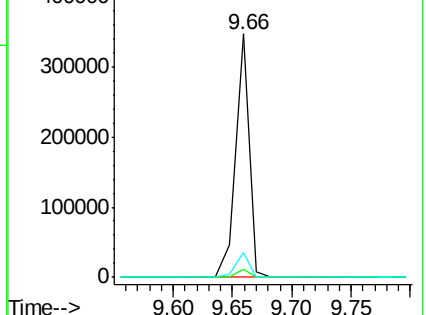
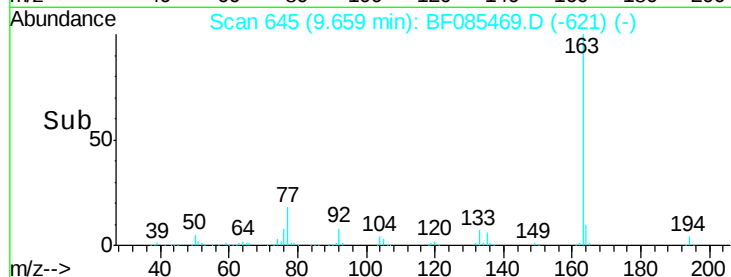
164 10.0 8.2 12.4



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: 6.22 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.21 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Tgt Ion:165 Resp: 29562

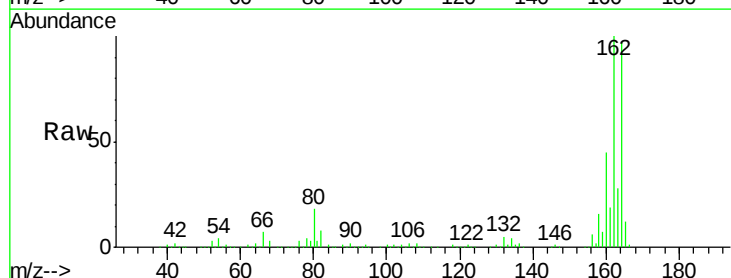
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 2.0 61.9 92.9#

182 0.0 1.9 2.9#

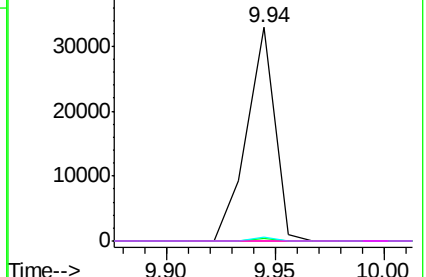
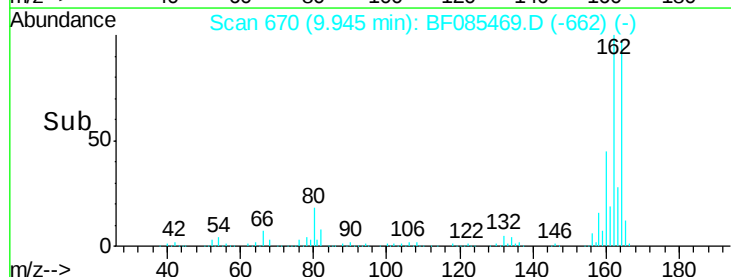


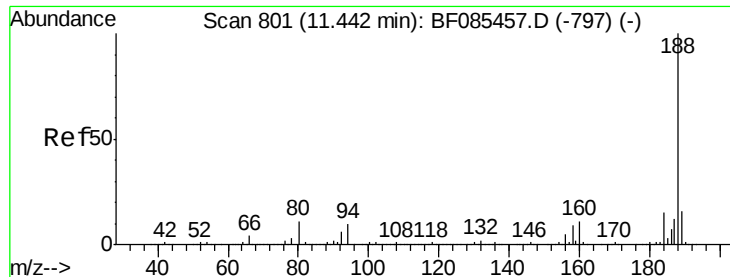
Abundance Ion 165.00 (164.70 to 165.70): E

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

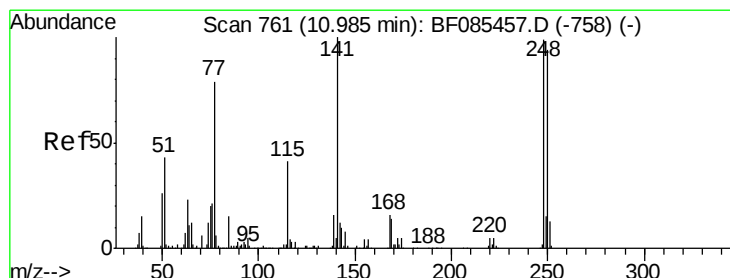
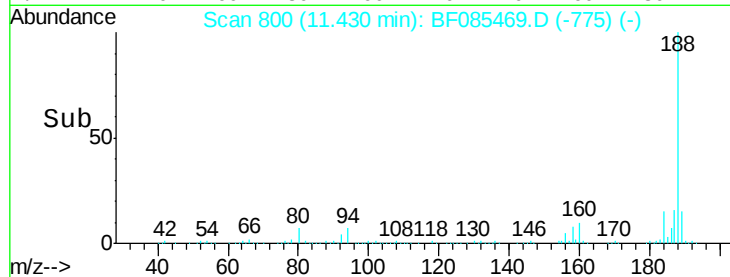
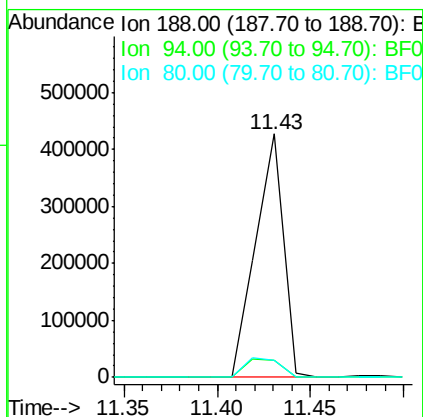
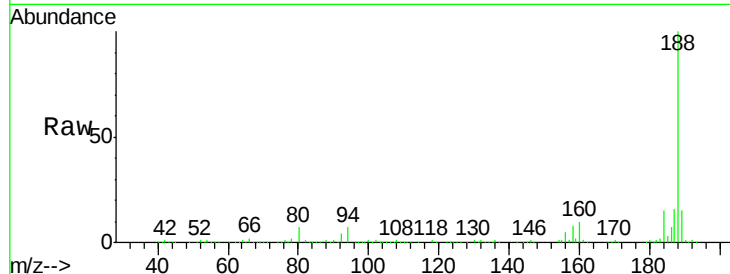




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.43 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF085469.D
 Acq: 16 Mar 2016 18:40

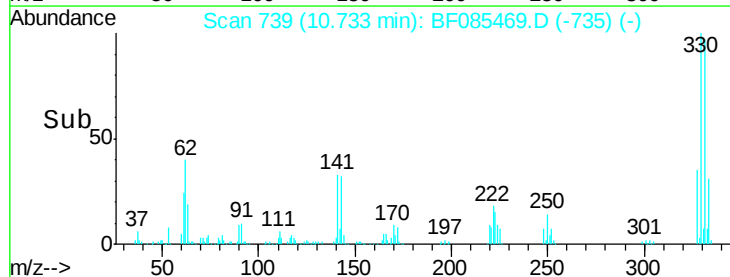
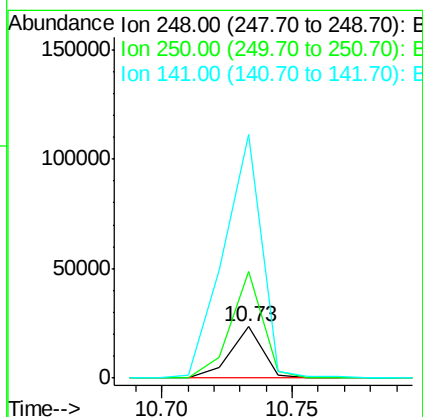
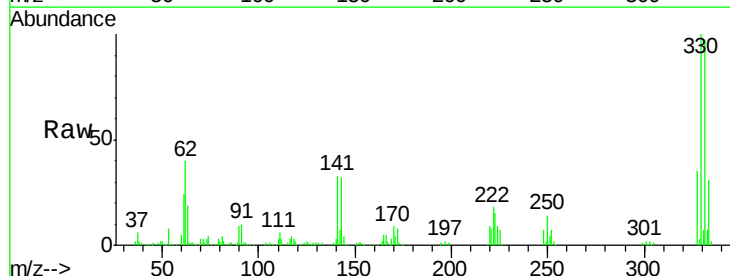
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-325-359-COMPOSITE

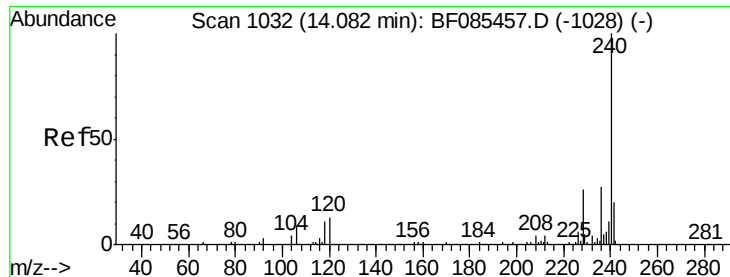
Tgt Ion:188 Resp: 441581
 Ion Ratio Lower Upper
 188 100
 94 7.0 7.0 10.6#
 80 6.8 7.4 11.0#



#66
 4-Bromophenyl-phenylether
 Concen: 4.54 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF085469.D
 Acq: 16 Mar 2016 18:40

Tgt Ion:248 Resp: 20275
 Ion Ratio Lower Upper
 248 100
 250 208.0 77.1 115.7#
 141 474.7 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

Instrument :

BNA_F

ClientSampleId :

DRUM-325-359-COMPOSITE

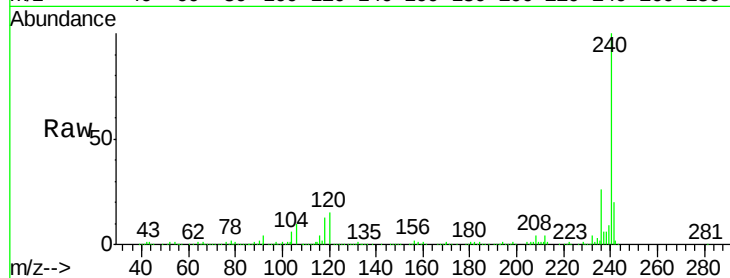
Tgt Ion:240 Resp: 298371

Ion Ratio Lower Upper

240 100

120 15.1 5.3 7.9#

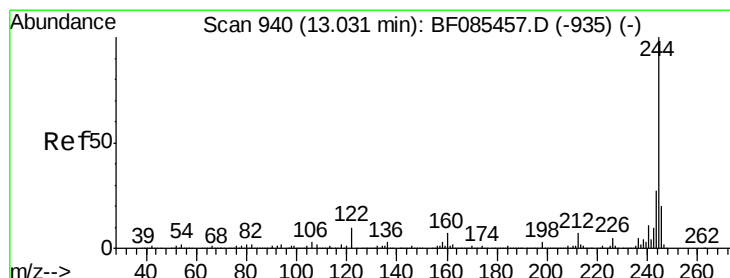
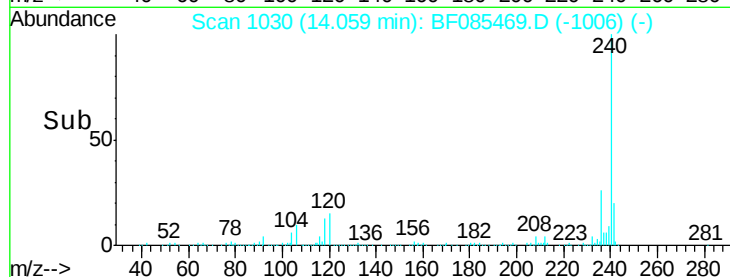
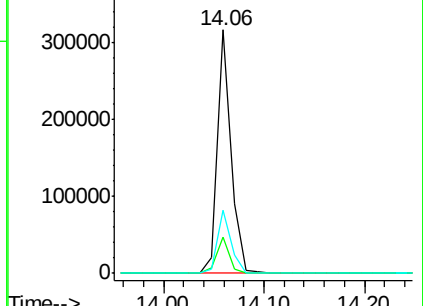
236 26.1 20.7 31.1



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: 101.77 ng

RT: 13.02 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF085469.D

Acq: 16 Mar 2016 18:40

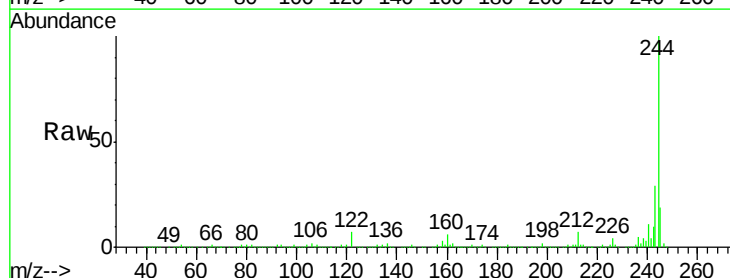
Tgt Ion:244 Resp: 1342357

Ion Ratio Lower Upper

244 100

212 6.8 6.4 9.6

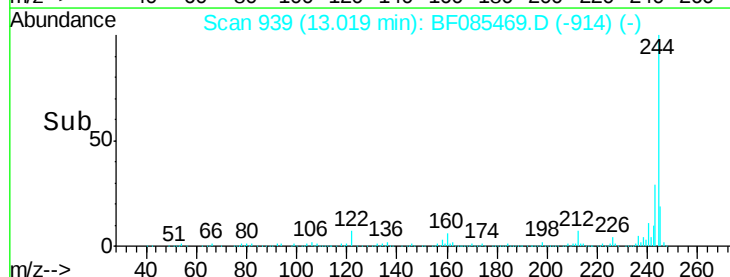
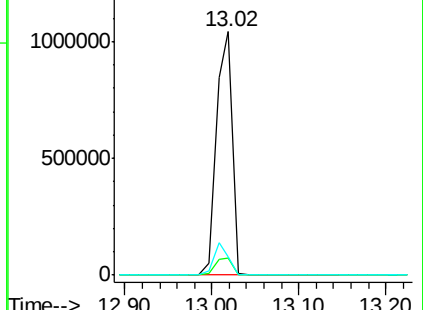
122 7.5 11.4 17.2#

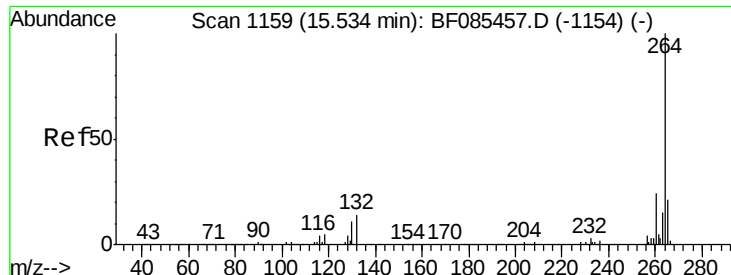


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

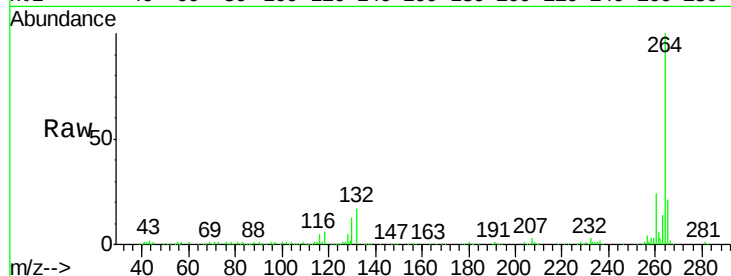




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF085469.D
Acq: 16 Mar 2016 18:40

Instrument :
BNA_F
ClientSampleId :
DRUM-325-359-COMPOSITE

Tgt Ion: 264 Resp: 202234
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.3 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

