

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030816\
 Data File : BF085295.D
 Acq On : 9 Mar 2016 9:45
 Operator : UM/SJ
 Sample : H1699-05 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 10:44:49 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

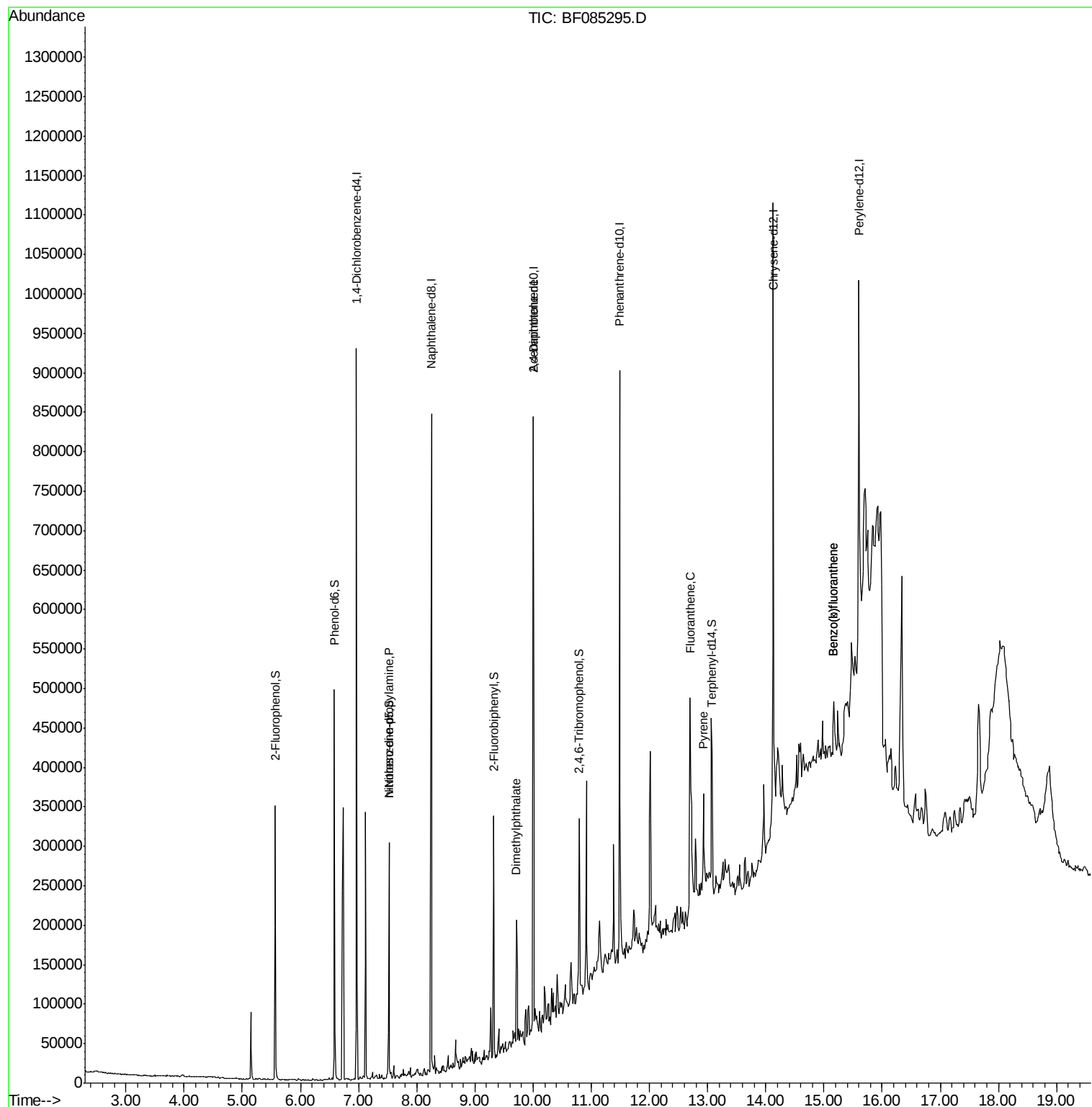
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	125559	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	459354	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	161324	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	270902	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	256303	20.00	ng	-0.02
86) Perylene-d12	15.60	264	220710	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	120495	16.10	ng	-0.01
7) Phenol-d6	6.58	99	159774	16.29	ng	-0.02
23) Nitrobenzene-d5	7.52	82	90449	10.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	22774	16.50	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	131189	12.37	ng	-0.02
78) Terphenyl-d14	13.08	244	90134	8.16	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.73	77	2761	Below Cal		Qvalue 91
19) n-Nitroso-di-n-propylamine	7.52	70	13283	2.08 ng	#	73
49) Dimethylphthalate	9.72	163	32263	2.61 ng	#	97
56) 2,4-Dinitrotoluene	10.00	165	21356	6.30 ng	#	22
74) Fluoranthene	12.70	202	49801	3.50 ng		96
77) Pyrene	12.93	202	49868	2.59 ng		97
87) Benzo(b)fluoranthene	15.17	252	40568	2.76 ng	#	85
88) Benzo(k)fluoranthene	15.17	252	40568	3.42 ng	#	84

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

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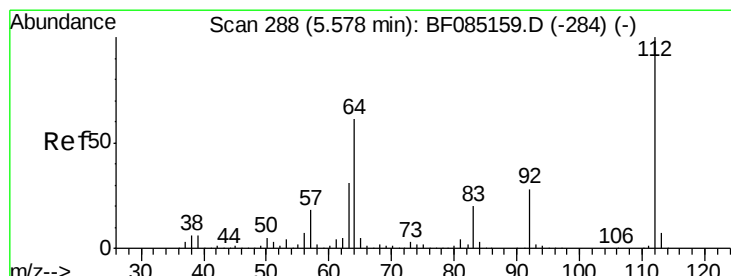
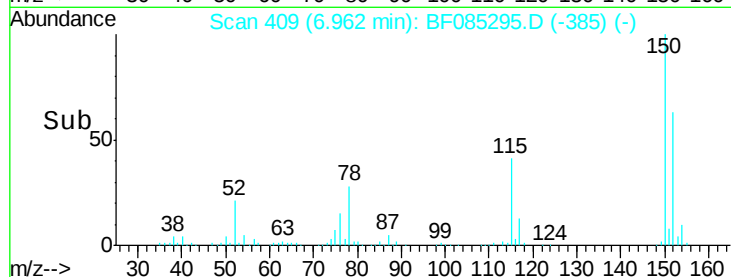
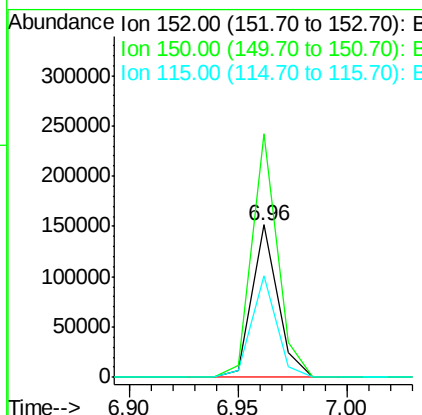
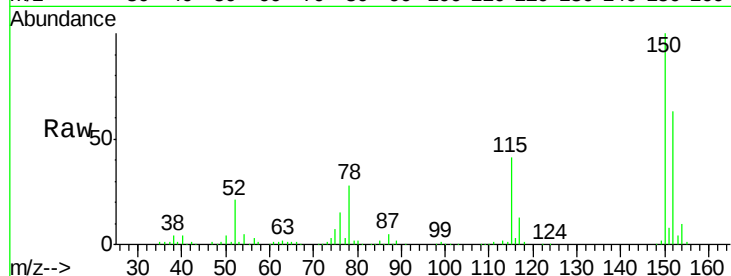




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.96 min Scan# 409
 Delta R.T. -0.02 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

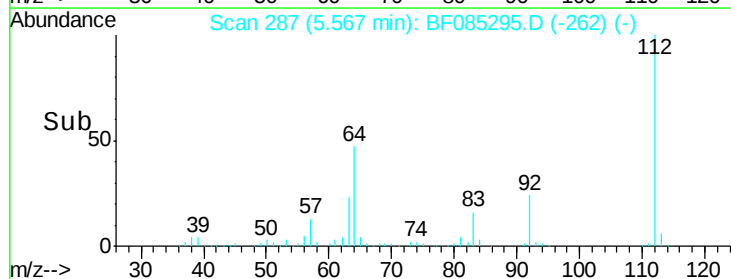
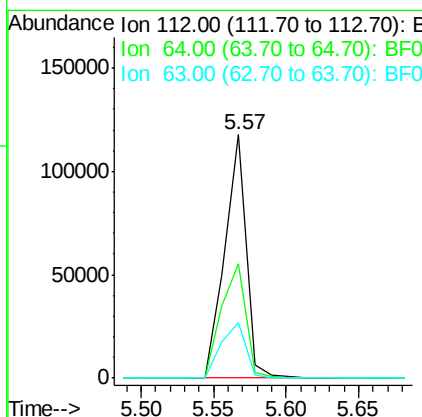
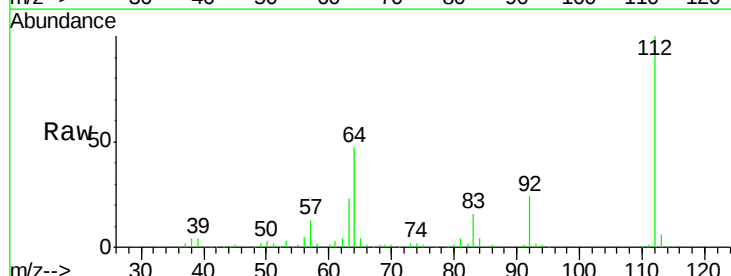
Instrument :
 BNA_F
 ClientSampleId :

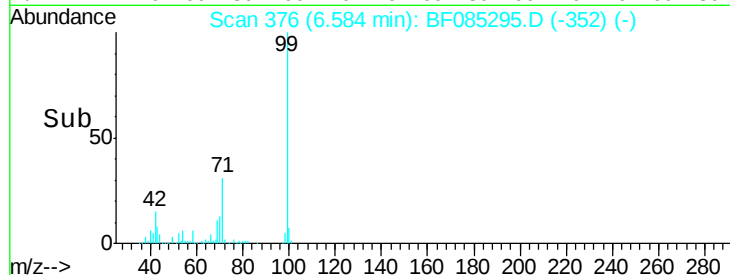
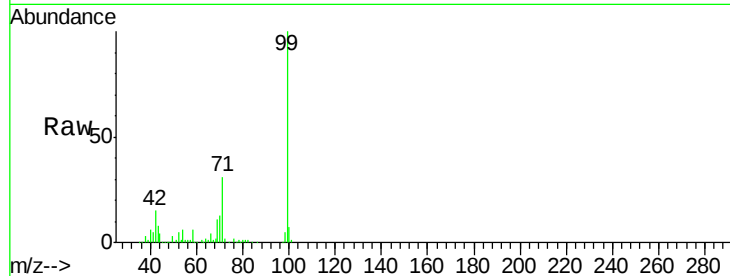
Tot Ion:152 Resp: 125559
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.6 186.8
 115 66.3 46.6 70.0



#5
 2-Fluorophenol
 Concen: 16.10 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085295.D
 Acq: 9 Mar 2016 9:45

Tgt Ion:112 Resp: 120495
 Ion Ratio Lower Upper
 112 100
 64 47.1 49.0 73.4#
 63 22.7 24.8 37.2#





#7

Phenol-d6

Concen: 16.29 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampled :

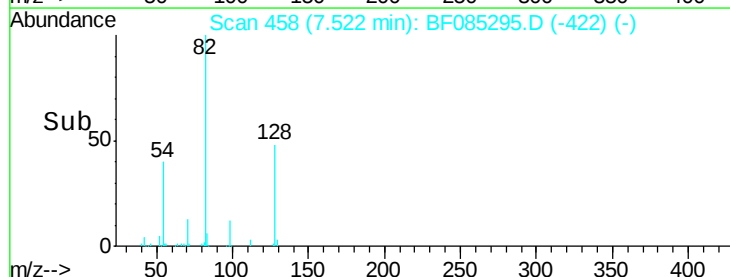
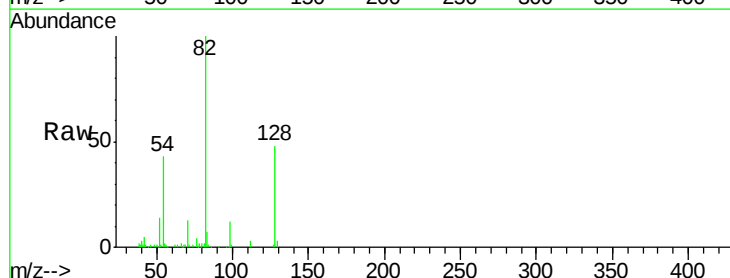
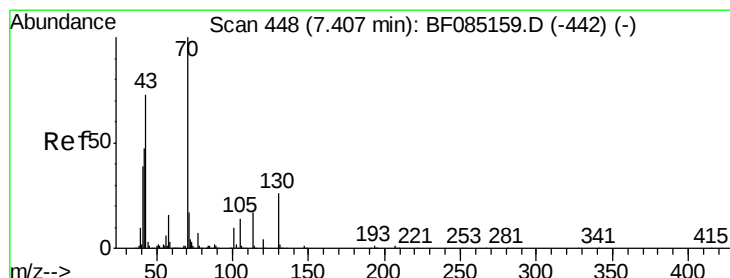
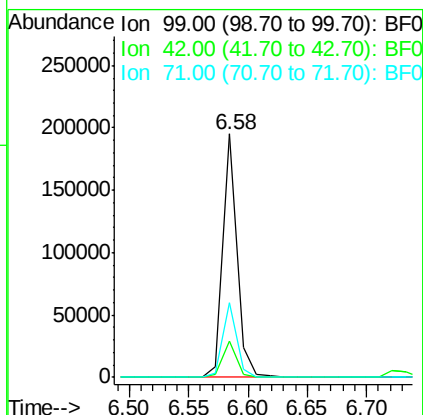
Tot Ion: 99 Resp: 159774

Ion Ratio Lower Upper

99 100

42 14.8 13.6 20.4

71 30.6 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 2.08 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Tgt Ion: 70 Resp: 13283

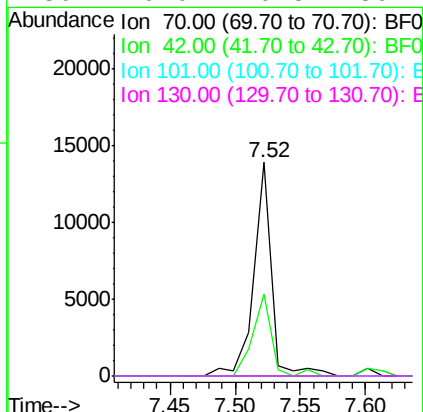
Ion Ratio Lower Upper

70 100

42 38.1 37.7 56.5

101 0.0 8.2 12.4#

130 0.0 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 459354

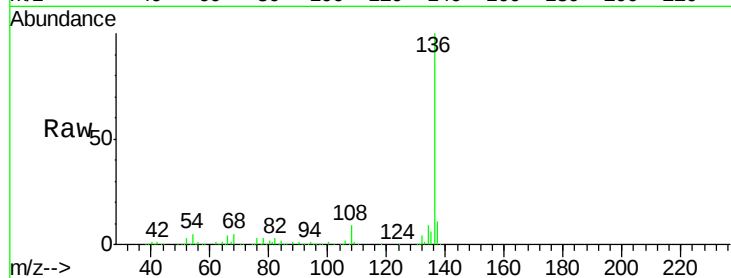
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 5.3 7.4 11.2#

68 4.8 6.0 9.0#

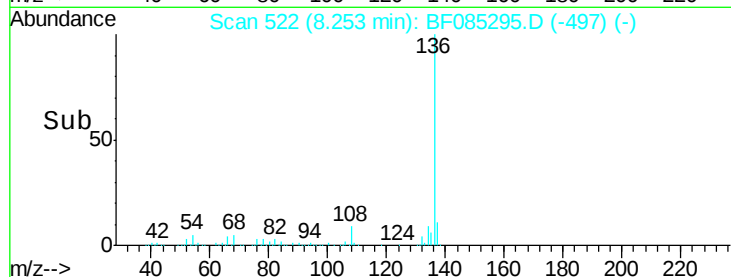


Abundance Ion 136.00 (135.70 to 136.70): E

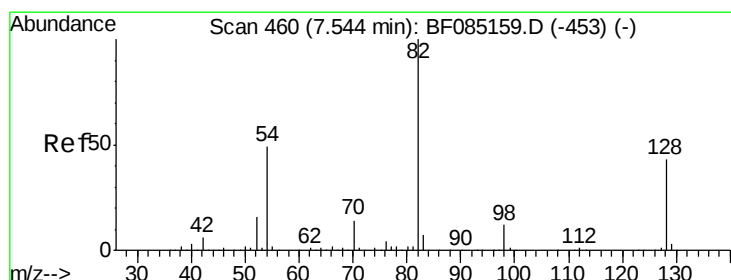
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.10 8.20 8.30 8.40 8.50



#23

Nitrobenzene-d5

Concen: 10.54 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

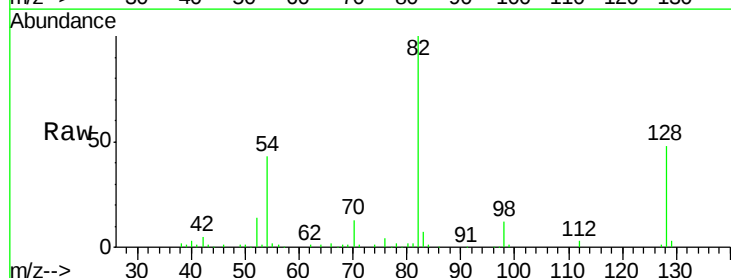
Tgt Ion: 82 Resp: 90449

Ion Ratio Lower Upper

82 100

128 47.7 34.5 51.7

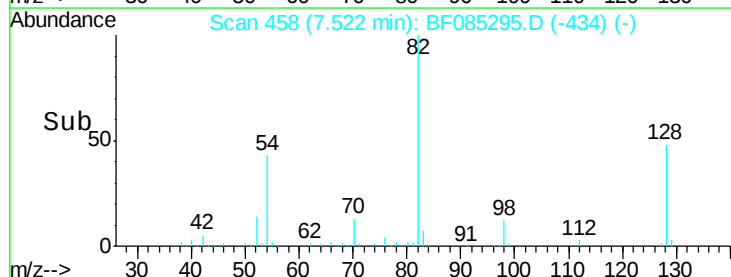
54 42.5 39.3 58.9



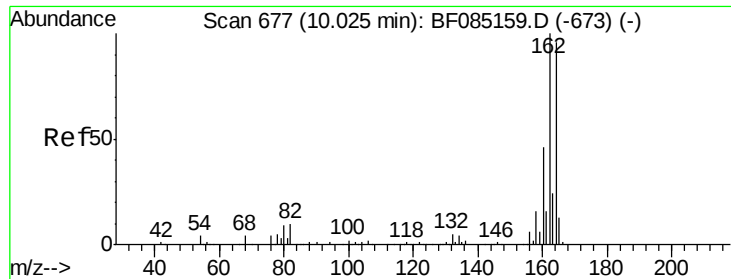
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



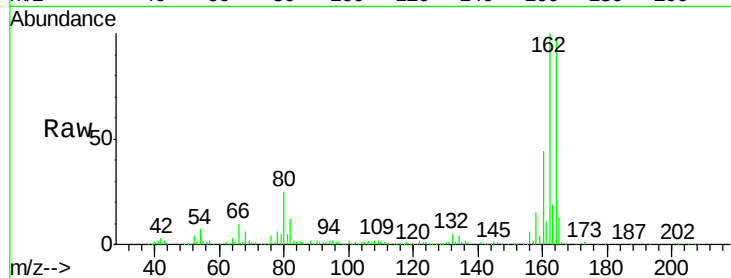
Time--> 7.45 7.50 7.55 7.60



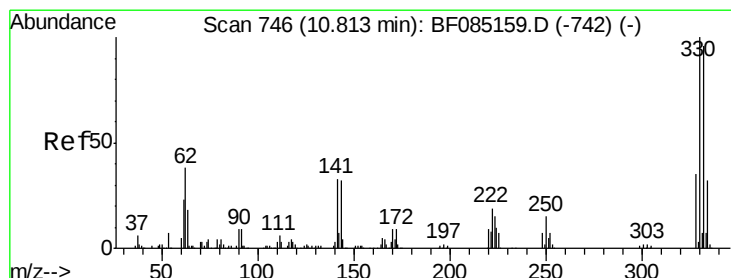
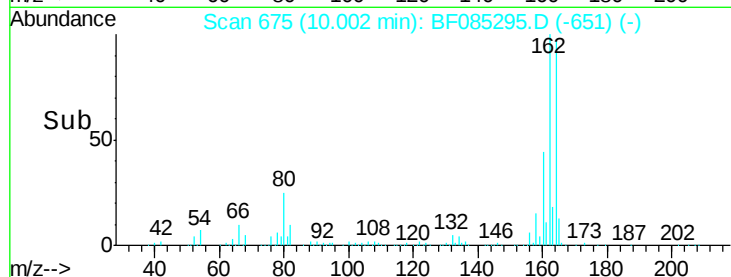
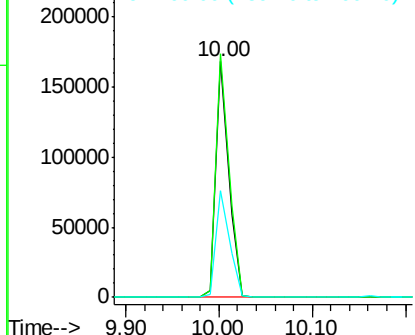
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 161324
Ion Ratio Lower Upper
164 100
162 103.3 83.3 124.9
160 45.2 37.9 56.9

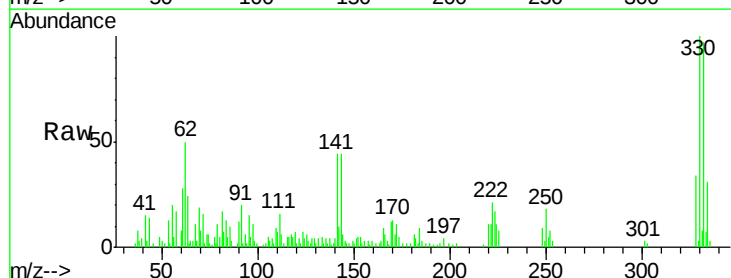


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

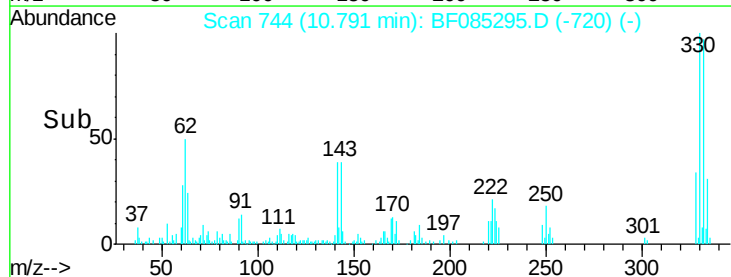
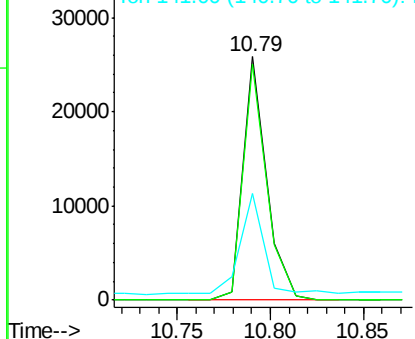


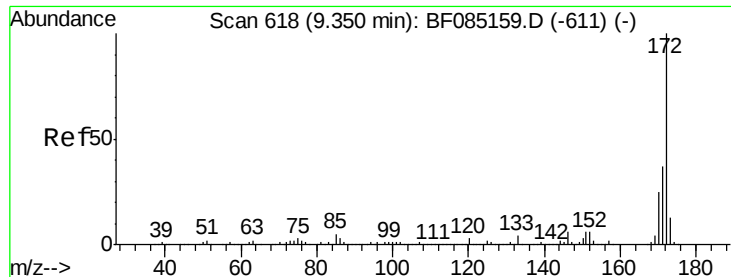
#41
2,4,6-Tribromophenol
Concen: 16.50 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Tgt Ion:330 Resp: 22774
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 45.0 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

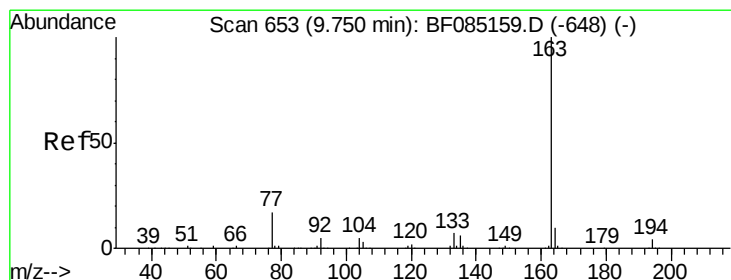
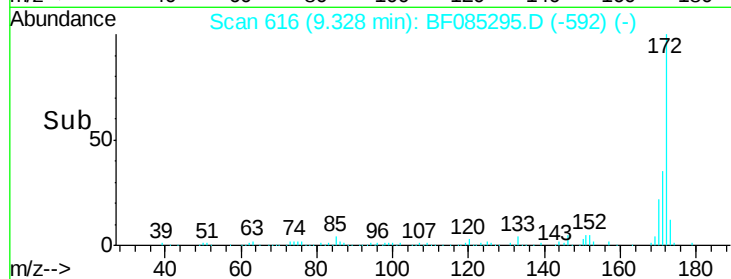
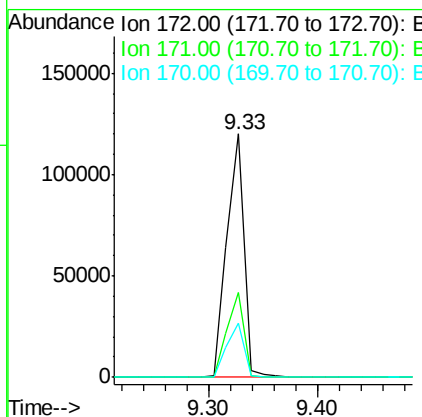
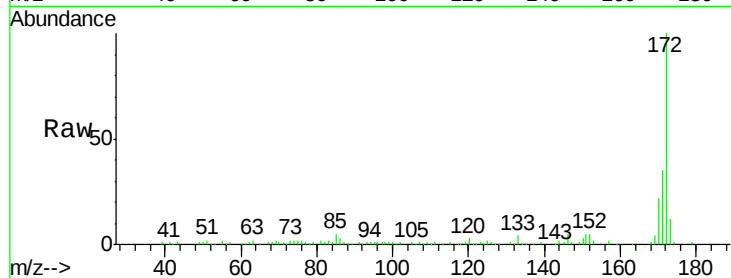




#44
2-Fluorobiphenyl
Concen: 12.37 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

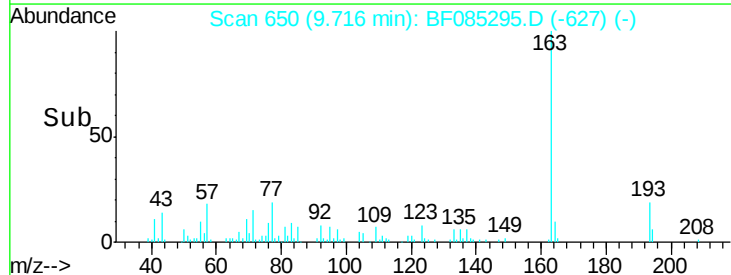
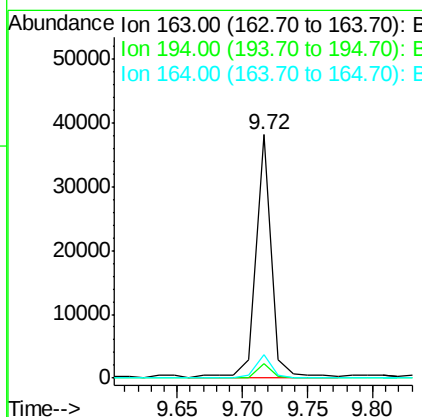
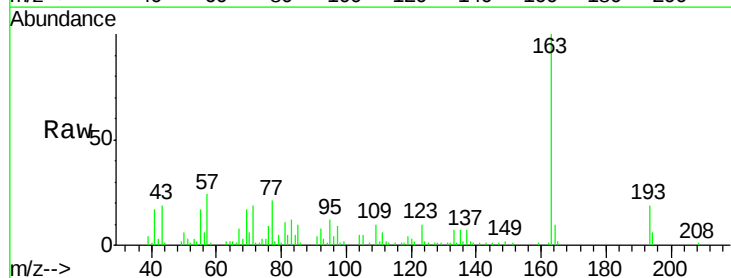
Instrument :
BNA_F
ClientSampleId :

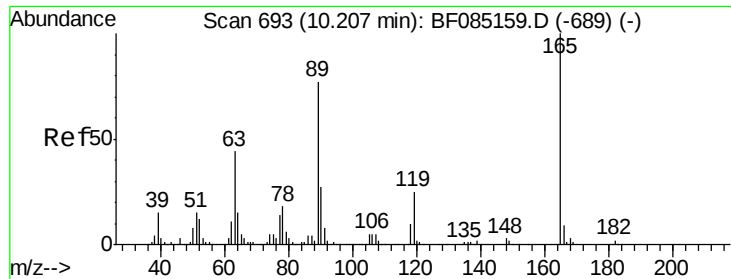
Tot Ion:172 Resp: 131189
Ion Ratio Lower Upper
172 100
171 34.8 29.3 43.9
170 22.2 20.0 30.0



#49
Dimethylphthalate
Concen: 2.61 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Tgt Ion:163 Resp: 32263
Ion Ratio Lower Upper
163 100
194 6.1 3.1 4.7#
164 9.8 8.2 12.4

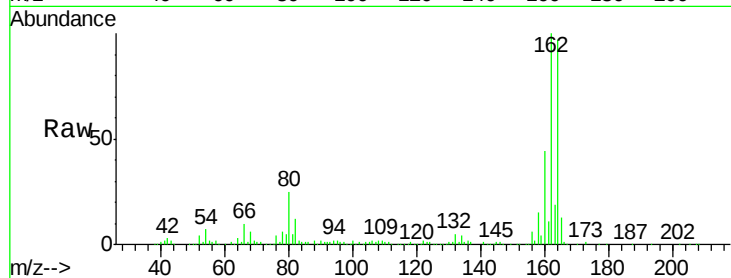




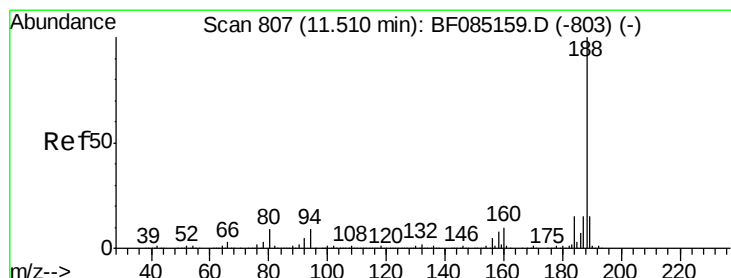
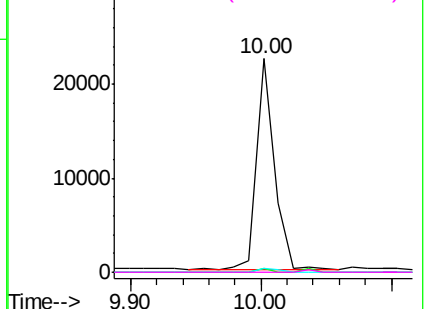
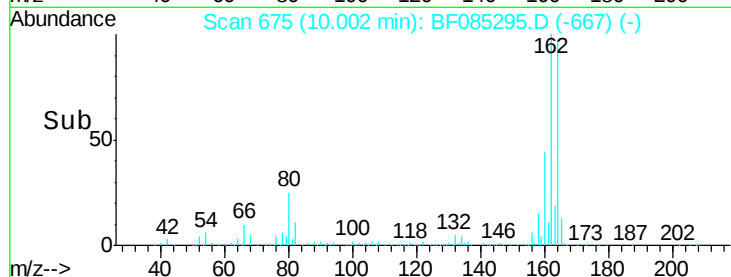
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 21356
Ion Ratio Lower Upper
165 100
63 1.9 35.4 53.0#
89 1.7 61.9 92.9#
182 0.0 1.9 2.9#

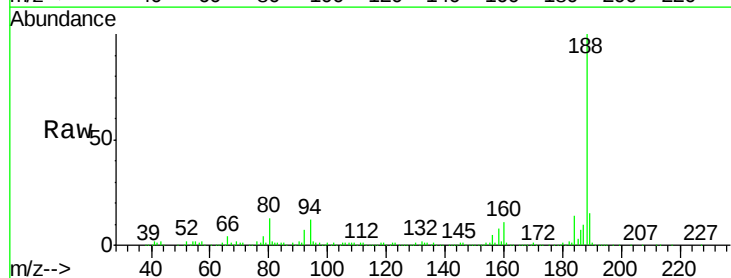


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

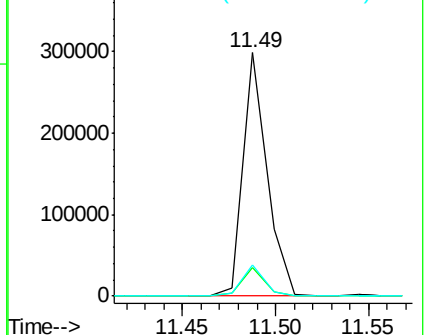
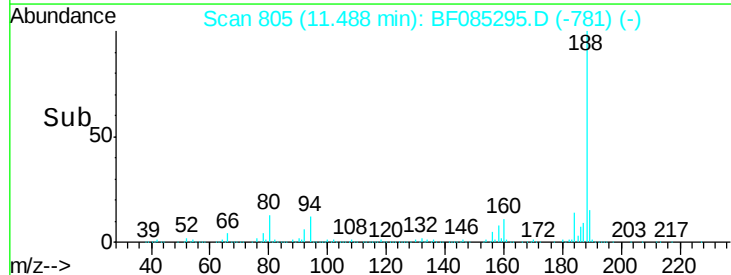


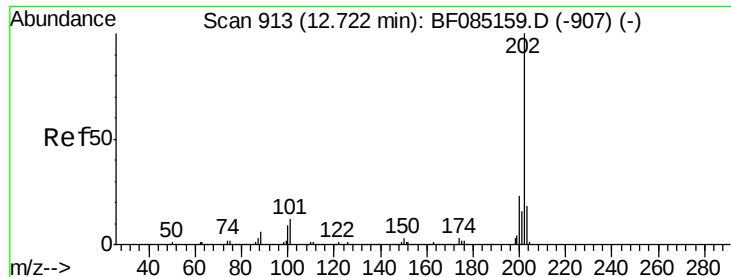
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Tgt Ion:188 Resp: 270902
Ion Ratio Lower Upper
188 100
94 11.8 7.0 10.6#
80 12.7 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





#74

Fluoranthene

Concen: 3.50 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

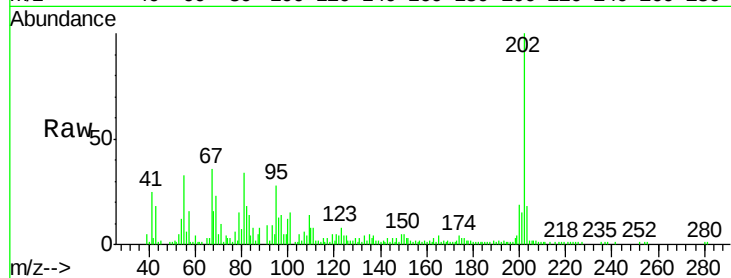
Tot Ion:202 Resp: 49801

Ion Ratio Lower Upper

202 100

101 15.0 0.0 31.8

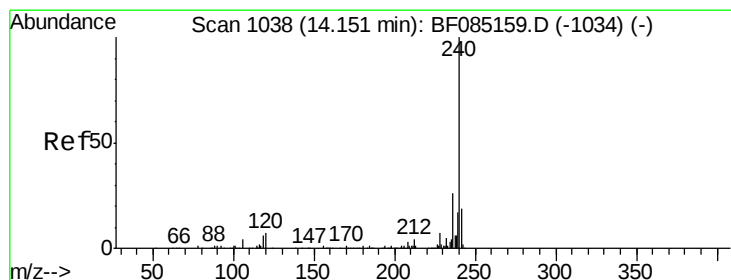
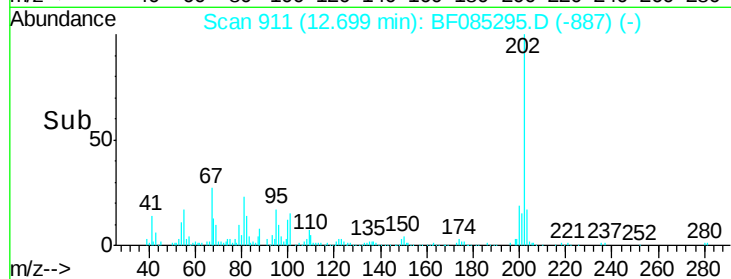
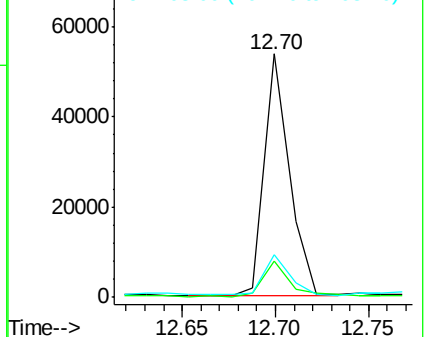
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

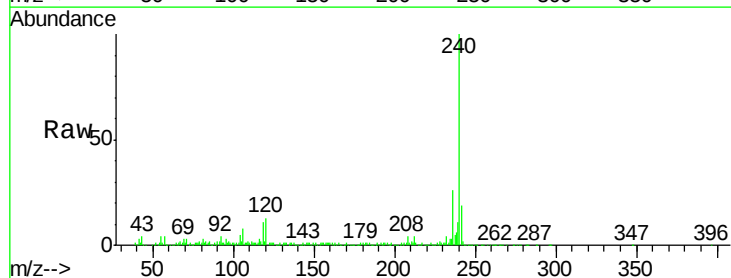
Tgt Ion:240 Resp: 256303

Ion Ratio Lower Upper

240 100

120 13.0 5.3 7.9#

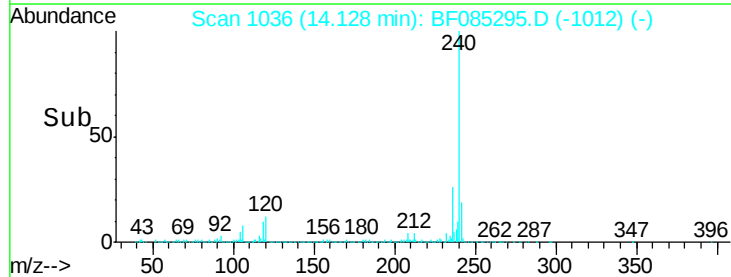
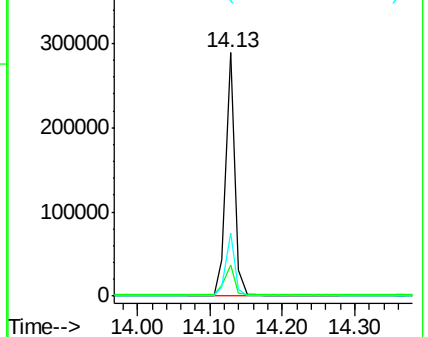
236 25.9 20.7 31.1

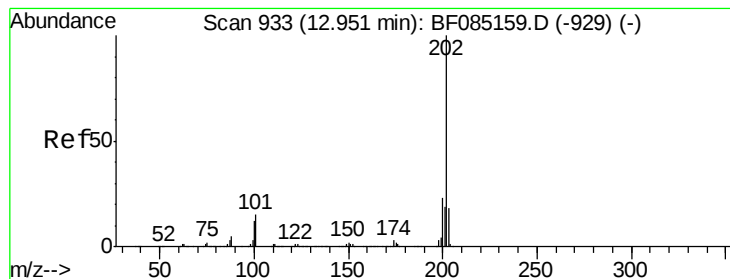


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.59 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

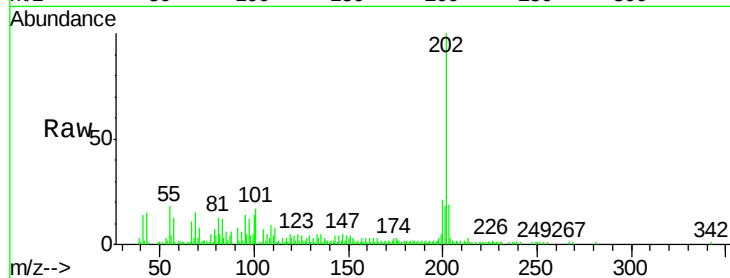
Tot Ion:202 Resp: 49868

Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.4

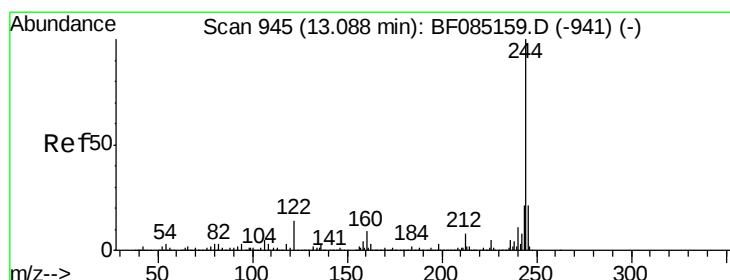
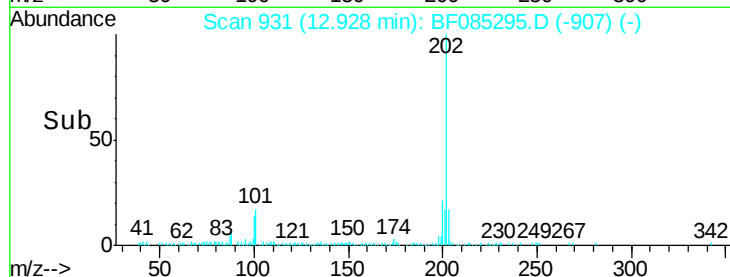
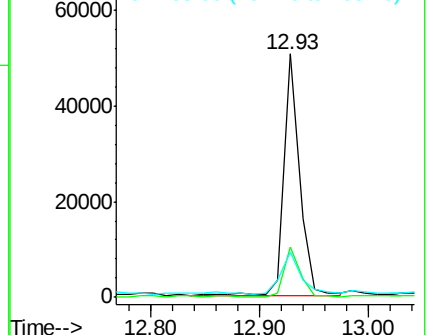
203 18.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.16 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

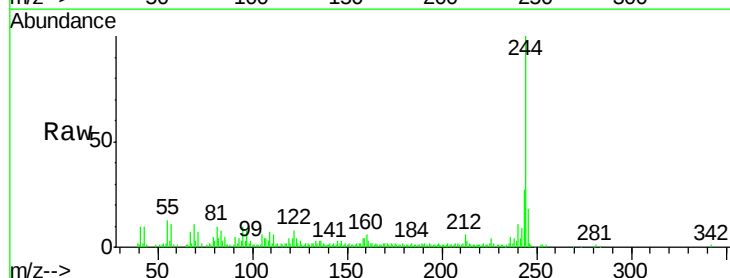
Tgt Ion:244 Resp: 90134

Ion Ratio Lower Upper

244 100

212 6.4 6.4 9.6

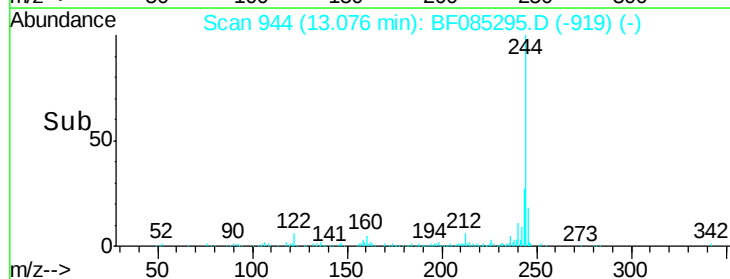
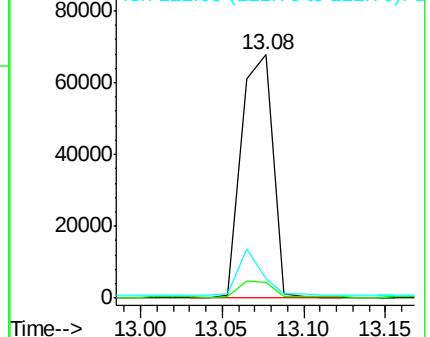
122 7.9 11.4 17.2#

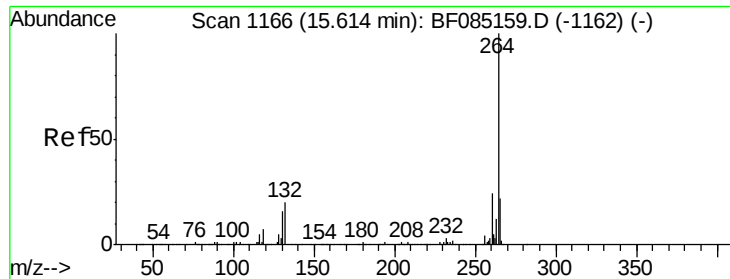


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

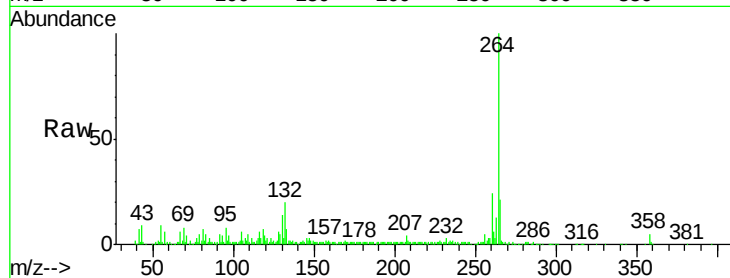




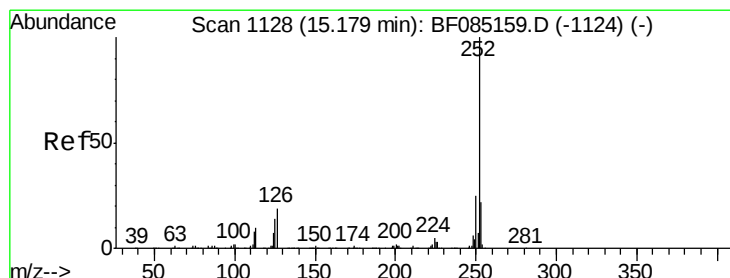
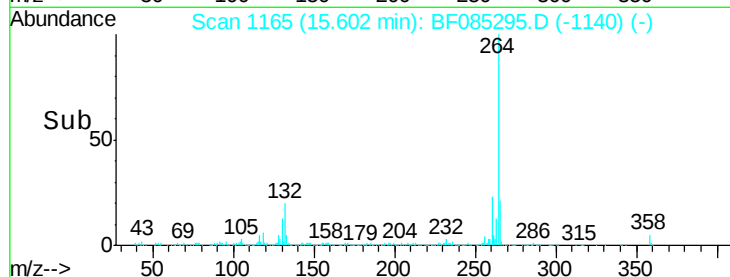
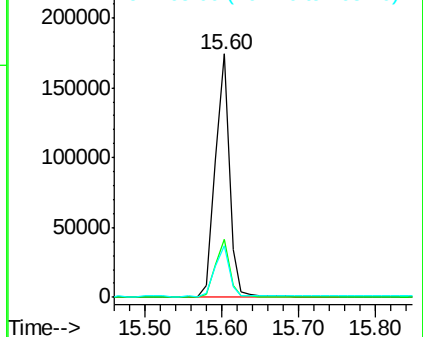
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 220710
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.5 17.3 25.9

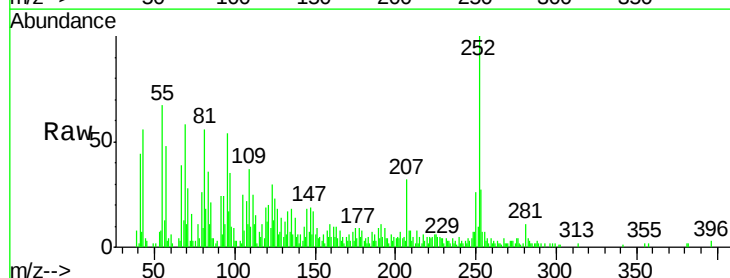


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

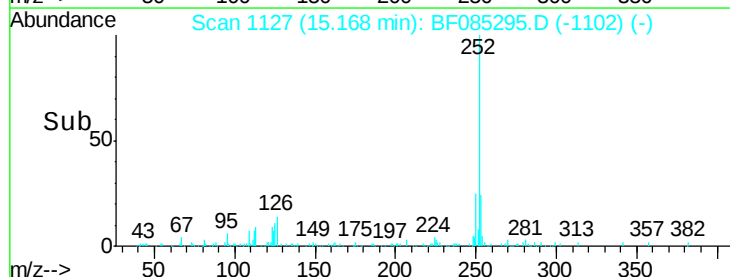
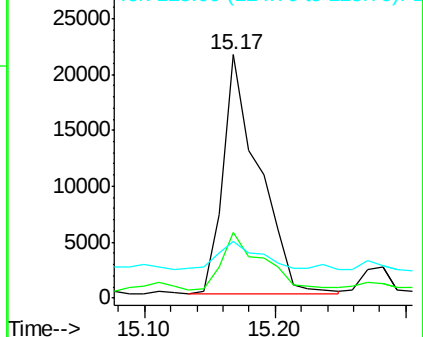


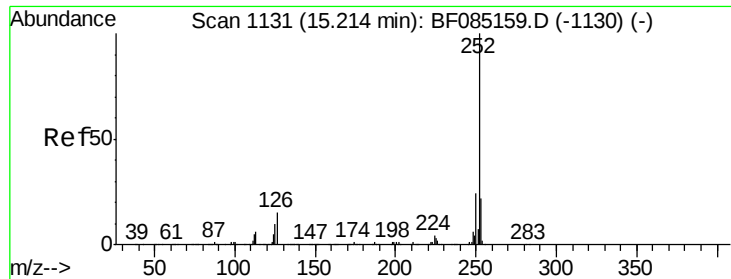
#87
Benzo(b)fluoranthene
Concen: 2.76 ng
RT: 15.17 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF085295.D
Acq: 9 Mar 2016 9:45

Tgt Ion:252 Resp: 40568
Ion Ratio Lower Upper
252 100
253 27.0 17.8 26.6#
125 23.5 11.3 16.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.42 ng

RT: 15.17 min Scan# 1127

Delta R.T. -0.05 min

Lab File: BF085295.D

Acq: 9 Mar 2016 9:45

Instrument :

BNA_F

ClientSampleId :

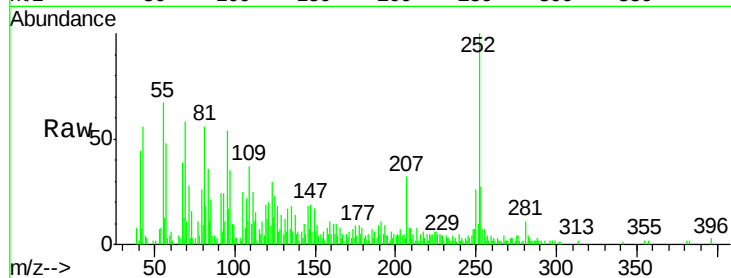
Tot Ion:252 Resp: 40568

Ion Ratio Lower Upper

252 100

253 27.0 17.8 26.6#

125 23.5 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

