

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084235.D
 Acq On : 4 Jan 2016 13:32
 Operator : UM/SJ
 Sample : G4982-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

Quant Time: Jan 05 06:00:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

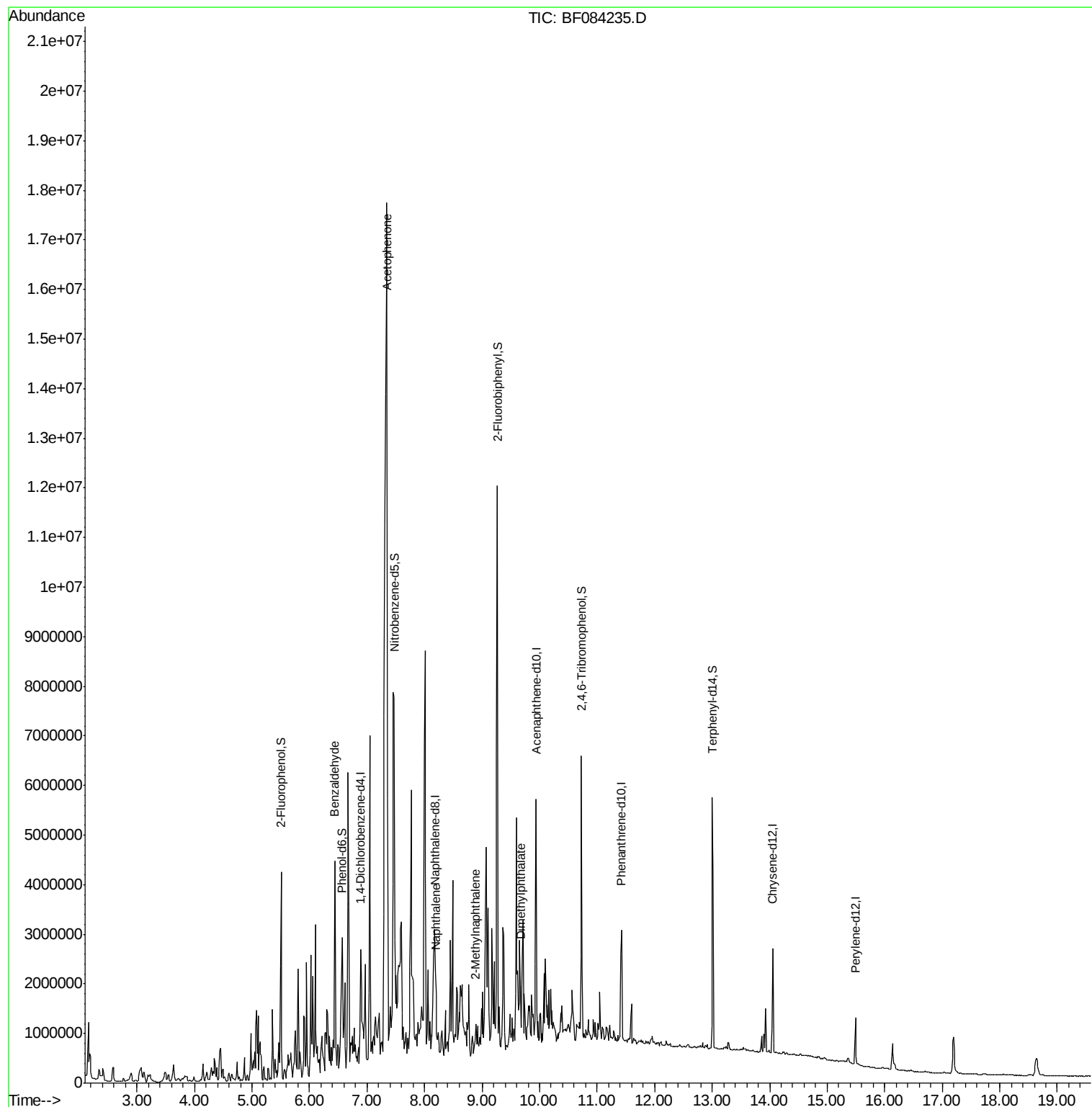
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	331825	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1316518	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	621475	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1078062	20.00	ng	0.00
75) Chrysene-d12	14.05	240	718919	20.00	ng	-0.01
86) Perylene-d12	15.49	264	452186	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1374594	67.00	ng	0.01
7) Phenol-d6	6.57	99	1243859	48.28	ng	0.03
23) Nitrobenzene-d5	7.47	82	1961923	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	740924	118.09	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	3160681	89.83	ng	0.00
78) Terphenyl-d14	13.00	244	2095640	65.07	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.44	77	761038	45.36	ng	Qvalue 99
22) Acetophenone	7.34	105	12558546	396.70	ng	# 85
31) Naphthalene	8.20	128	467145	7.82	ng	99
37) 2-Methylnaphthalene	8.89	142	204695	4.77	ng	# 93
49) Dimethylphthalate	9.66	163	184527	4.15	ng	# 91

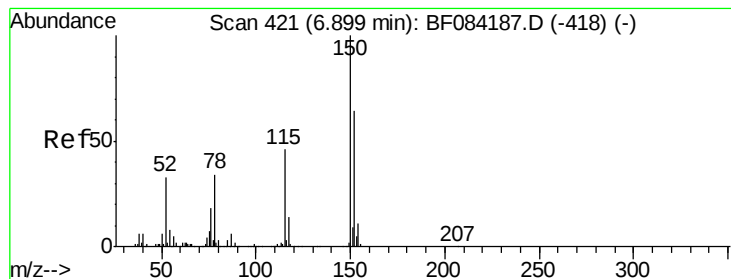
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

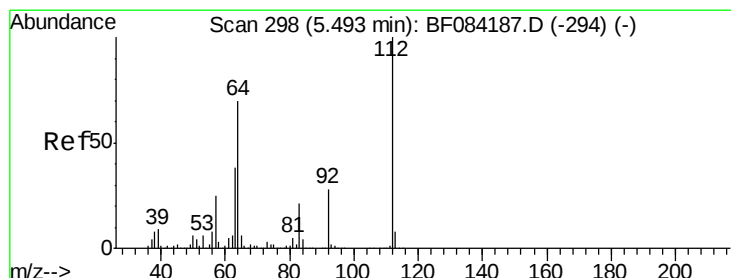
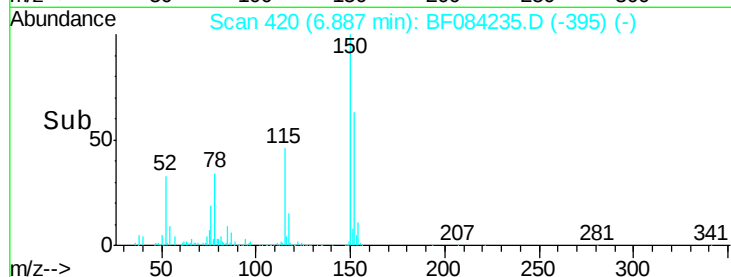
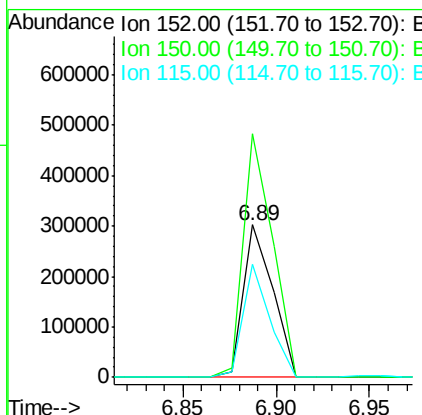
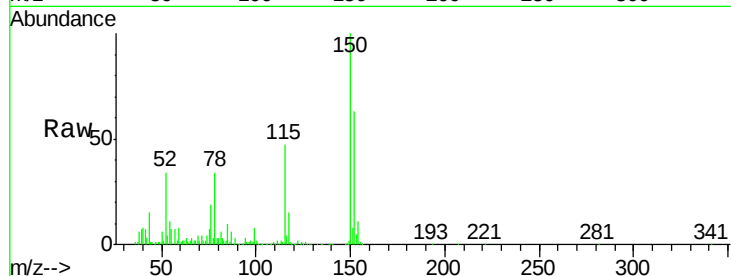




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF084235.D
 Acq: 4 Jan 2016 13:32

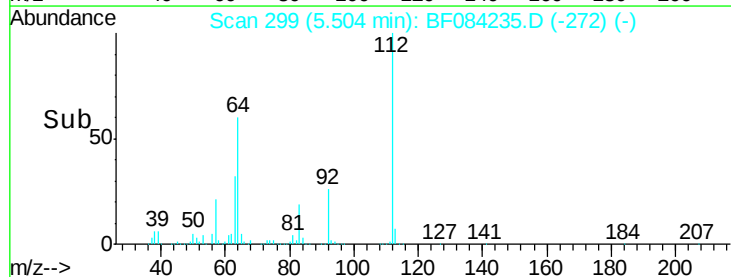
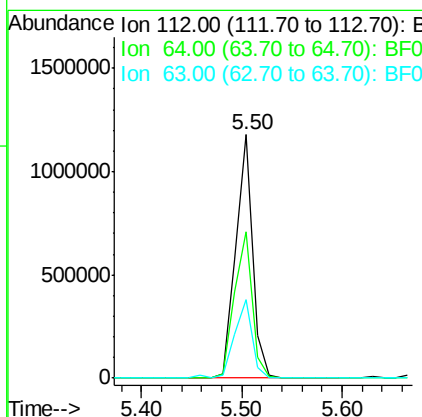
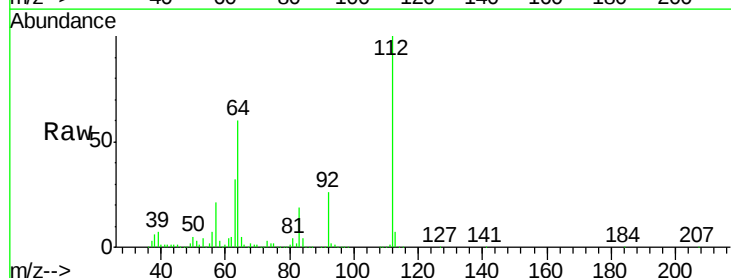
Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

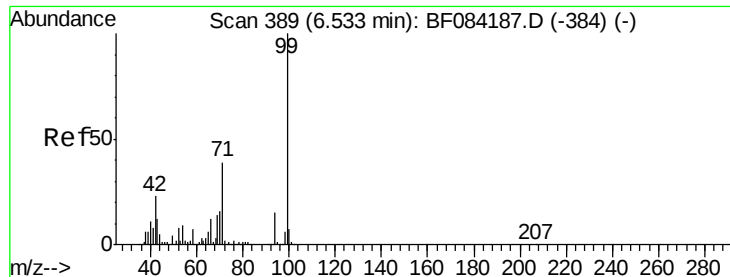
Tot Ion:152 Resp: 331825
 Ion Ratio Lower Upper
 152 100
 150 159.5 123.0 184.4
 115 74.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 67.00 ng
 RT: 5.50 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: BF084235.D
 Acq: 4 Jan 2016 13:32

Tgt Ion:112 Resp: 1374594
 Ion Ratio Lower Upper
 112 100
 64 60.3 36.6 55.0#
 63 32.1 19.4 29.0#





#7

Phenol-d6

Concen: 48.28 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.03 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Instrument :

BNA_F

ClientSampleId :

S8-0530

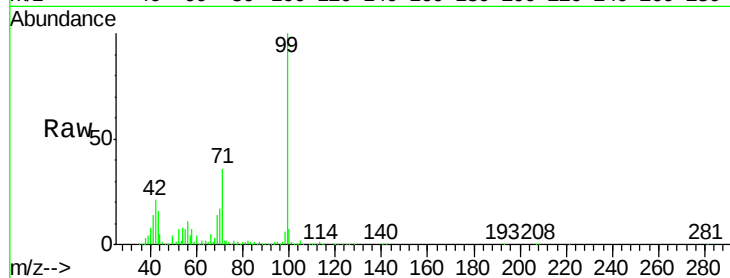
Tot Ion: 99 Resp: 1243859

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

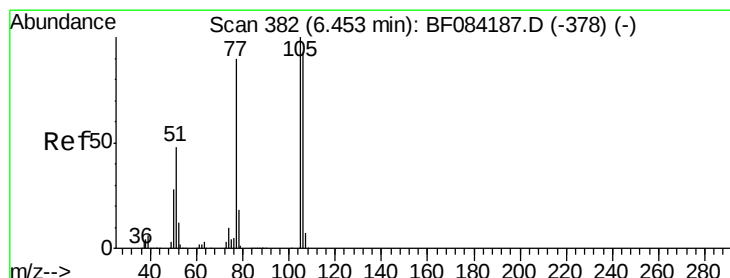
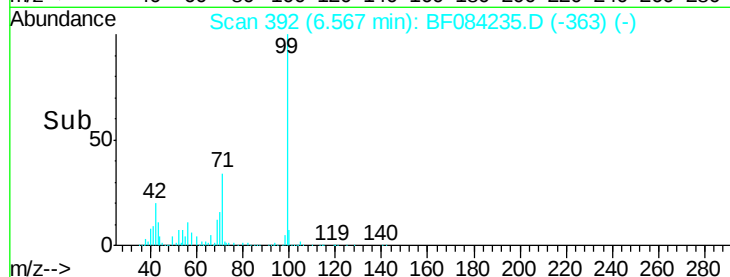
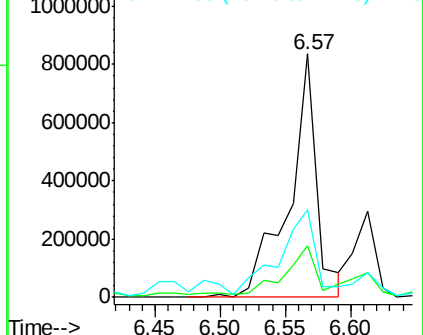
71 36.1 30.9 46.3



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: 45.36 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

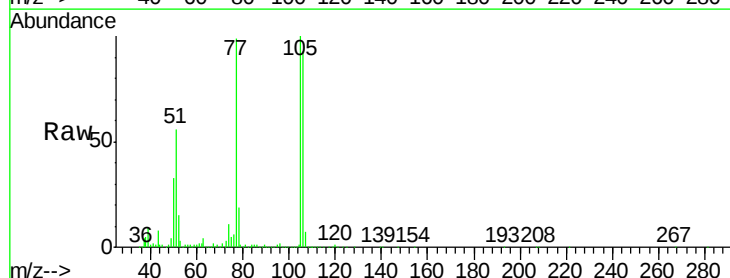
Tgt Ion: 77 Resp: 761038

Ion Ratio Lower Upper

77 100

105 101.2 83.0 123.0

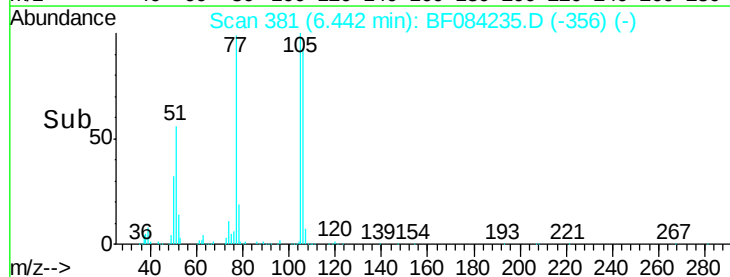
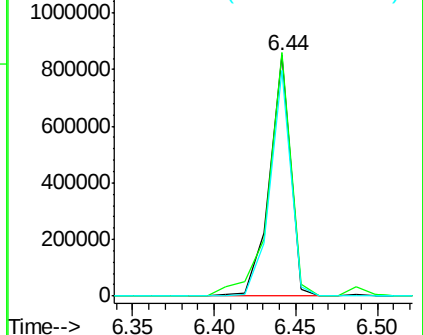
106 94.0 74.6 114.6

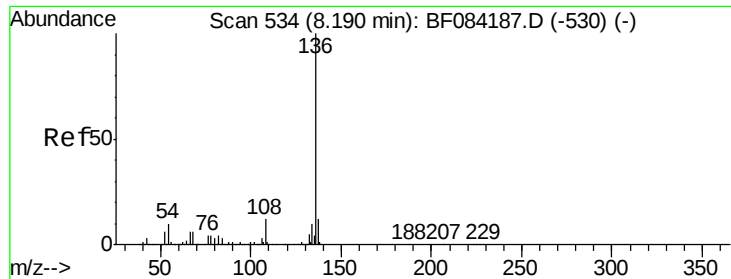


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

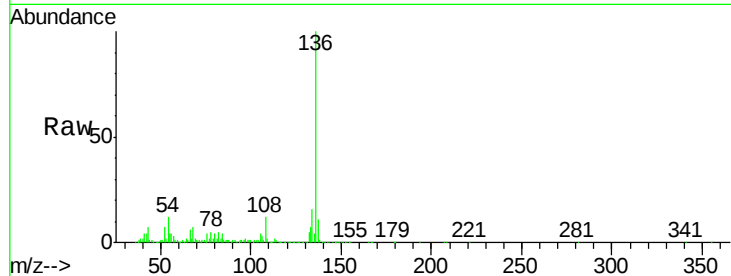




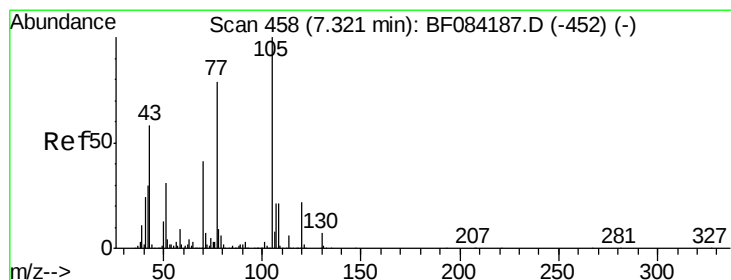
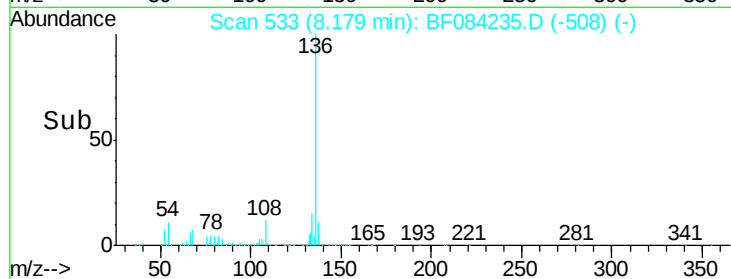
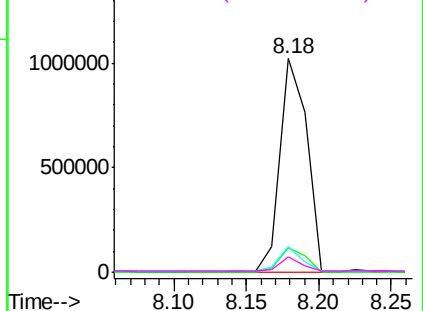
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084235.D
Acq: 4 Jan 2016 13:32

Instrument :
BNA_F
ClientSampleId :
S8-0530

Tot Ion:136 Resp: 1316518
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 12.0 5.8 8.8#
68 7.0 4.2 6.2#

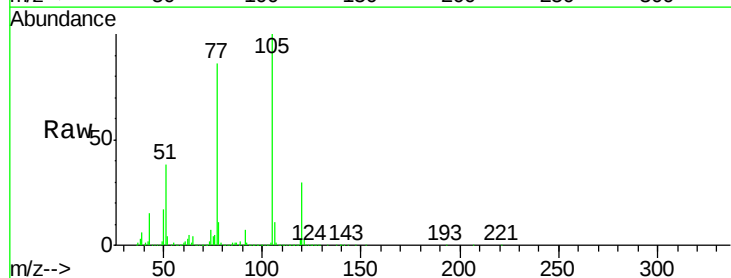


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

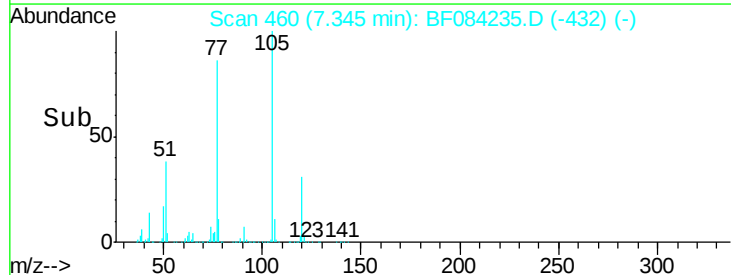
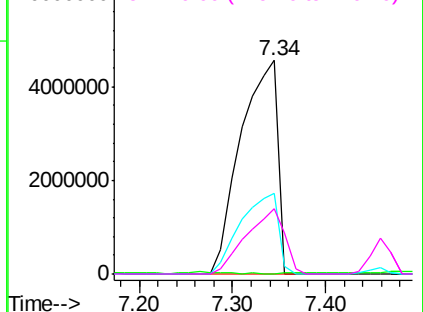


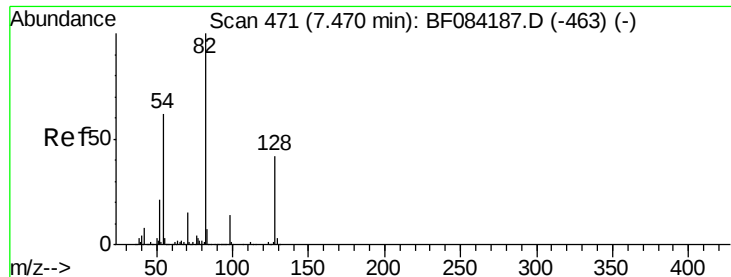
#22
Acetophenone
Concen: 396.70 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.02 min
Lab File: BF084235.D
Acq: 4 Jan 2016 13:32

Tgt Ion:105 Resp:12558546
Ion Ratio Lower Upper
105 100
71 0.2 3.7 5.5#
51 37.8 25.1 37.7#
120 30.5 16.6 25.0#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.94 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Instrument :

BNA_F

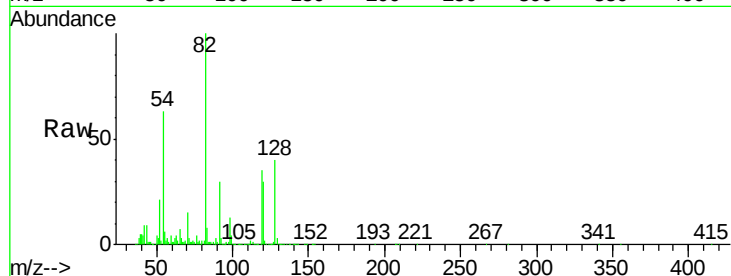
ClientSampleId :

S8-0530

Tot Ion: 82 Resp: 1961923

Ion Ratio Lower Upper

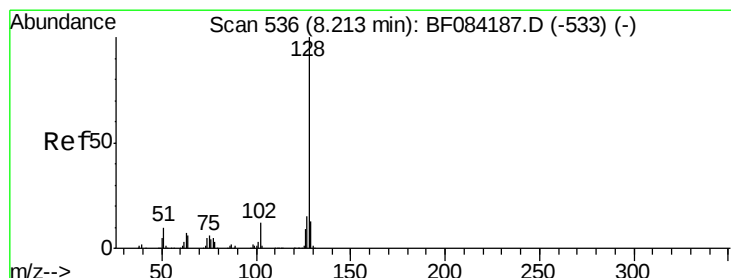
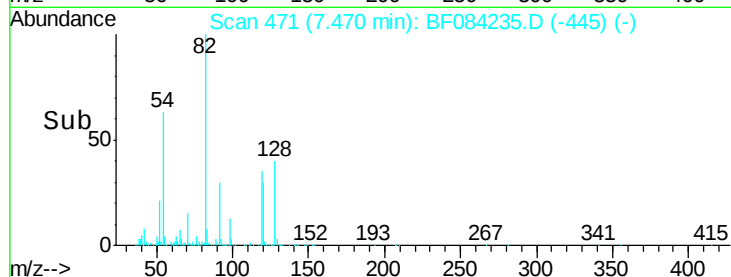
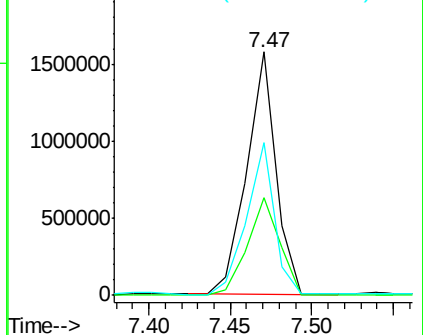
82	100		
128	40.3	34.6	51.8
54	62.8	38.4	57.6



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



#31

Naphthalene

Concen: 7.82 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

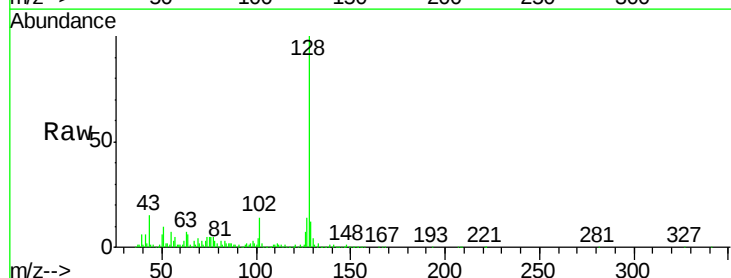
Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Tgt Ion: 128 Resp: 467145

Ion Ratio Lower Upper

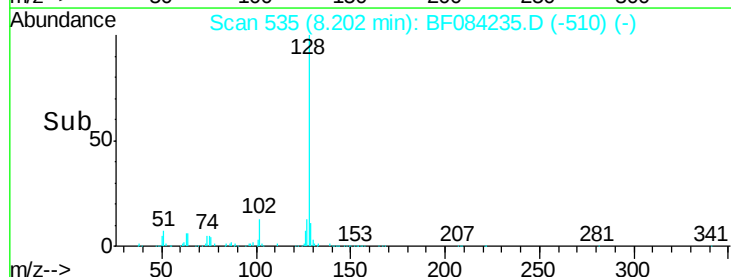
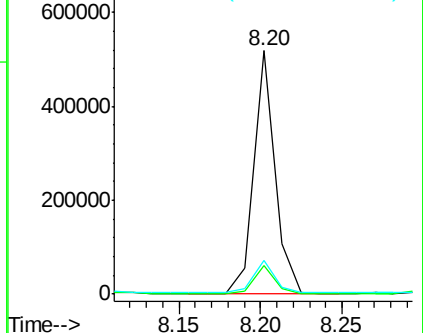
128	100		
129	11.6	9.1	13.7
127	13.7	11.1	16.7

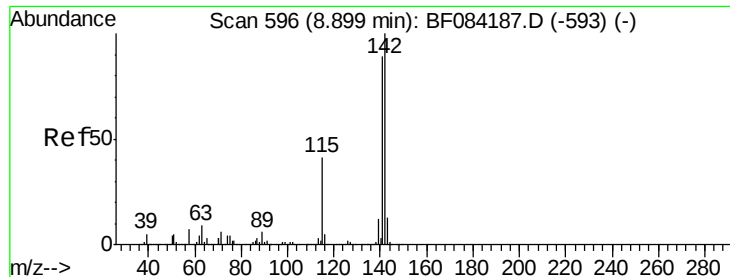


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 4.77 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Instrument :

BNA_F

ClientSampleId :

S8-0530

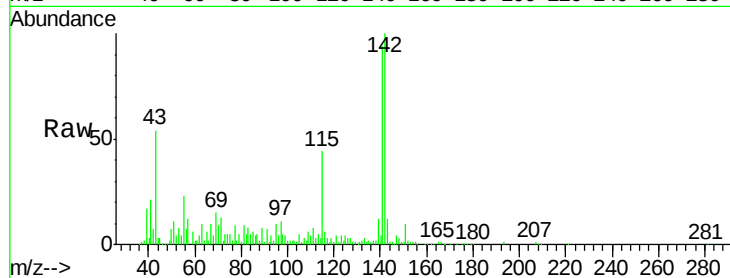
Tot Ion:142 Resp: 204695

Ion Ratio Lower Upper

142 100

141 93.6 72.4 108.6

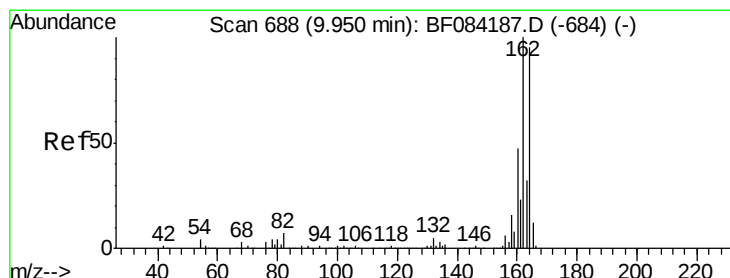
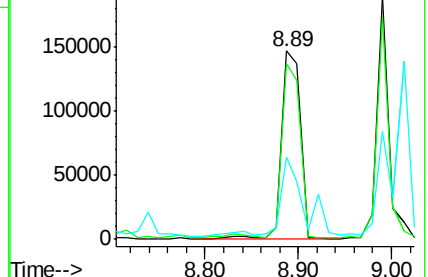
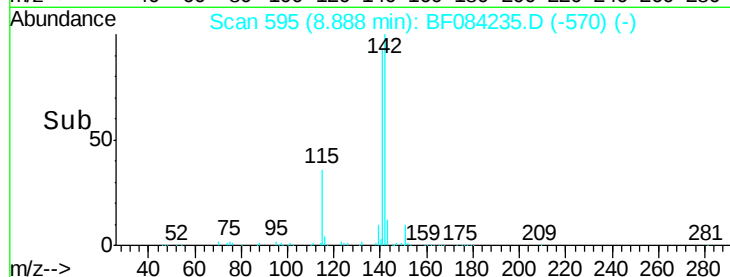
115 43.5 27.9 41.9#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

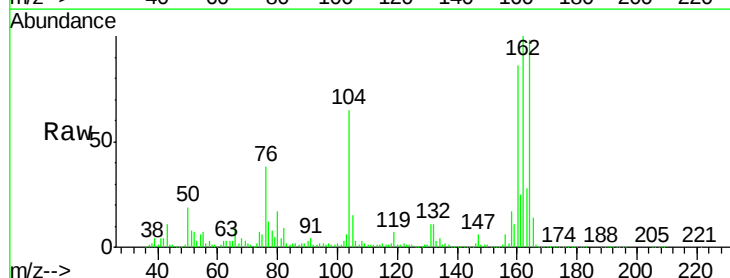
Tgt Ion:164 Resp: 621475

Ion Ratio Lower Upper

164 100

162 102.3 85.1 127.7

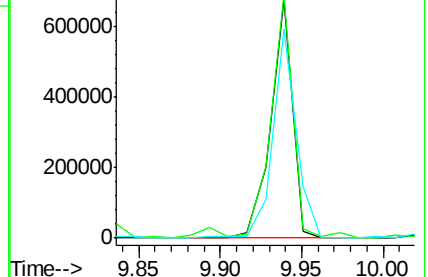
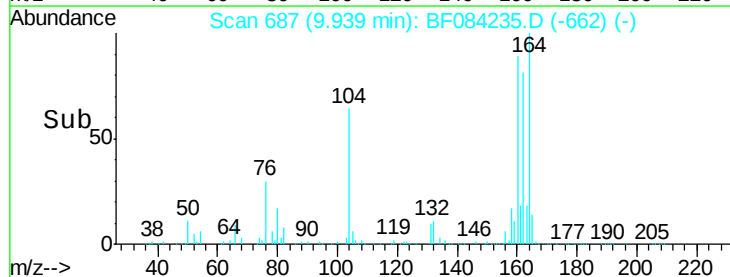
160 87.7 37.5 56.3#

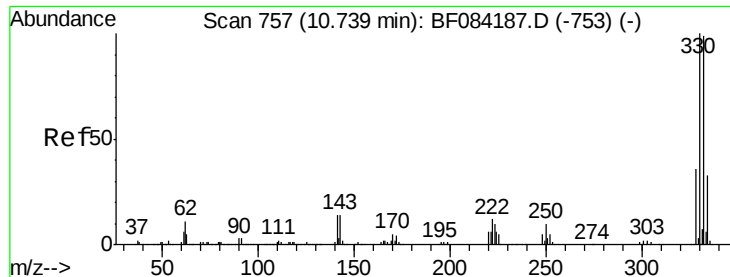


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

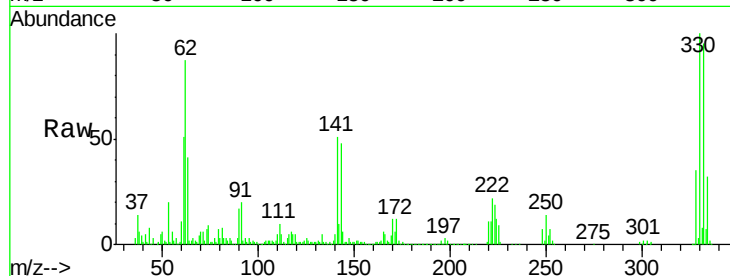




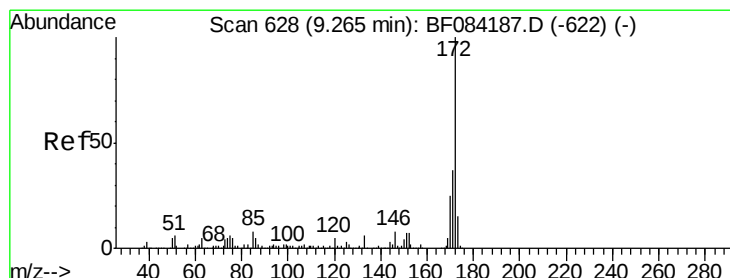
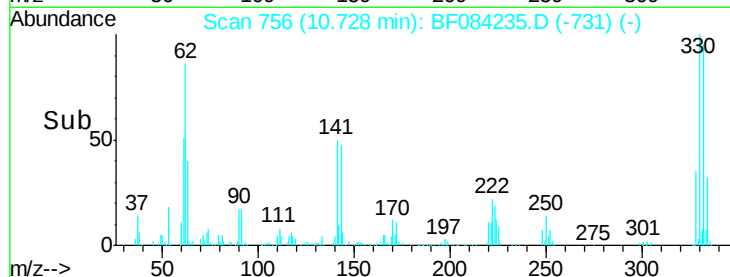
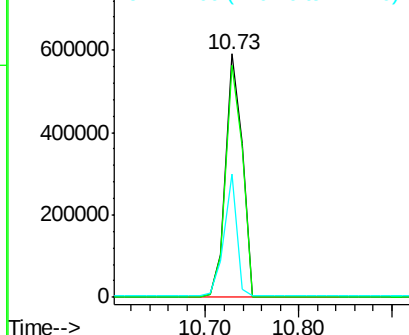
#41
 2,4,6-Tribromophenol
 Concen: 118.09 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF084235.D
 Acq: 4 Jan 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

Tot Ion:330 Resp: 740924
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 38.1 27.8 41.6

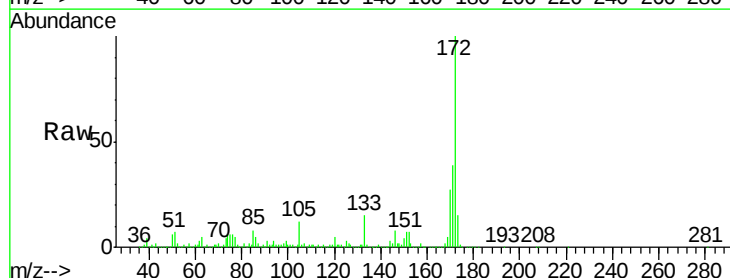


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

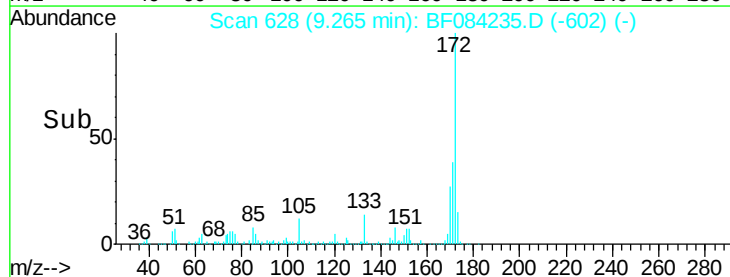
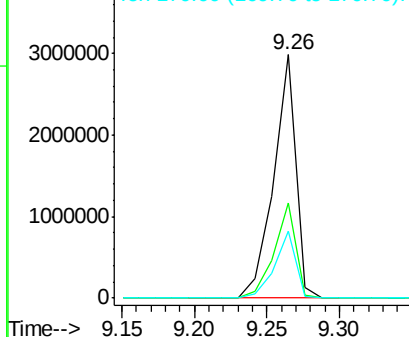


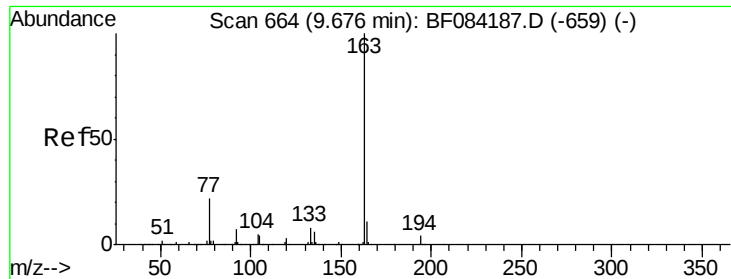
#44
 2-Fluorobiphenyl
 Concen: 89.83 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084235.D
 Acq: 4 Jan 2016 13:32

Tgt Ion:172 Resp: 3160681
 Ion Ratio Lower Upper
 172 100
 171 39.2 28.9 43.3
 170 27.3 18.6 27.8



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: 4.15 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Instrument :

BNA_F

ClientSampleID :

S8-0530

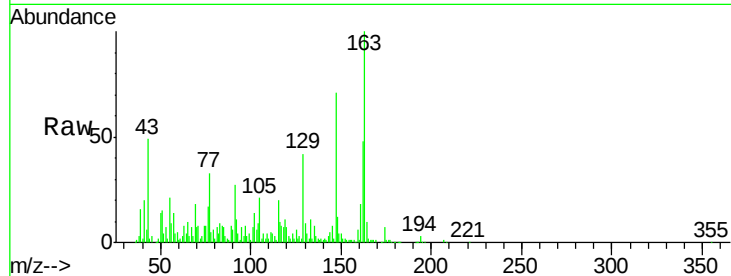
Tot Ion:163 Resp: 184527

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

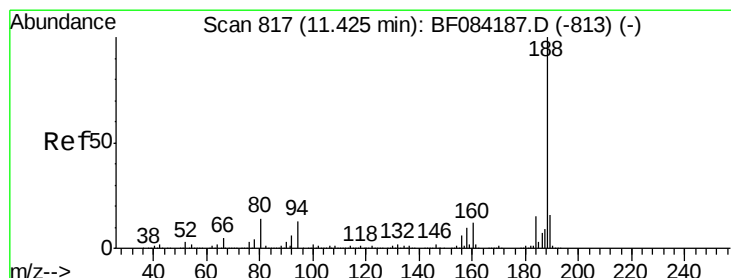
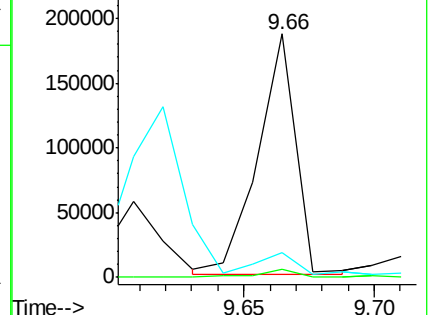
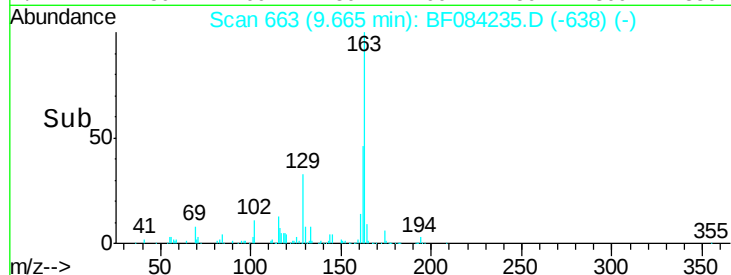
164 10.0 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

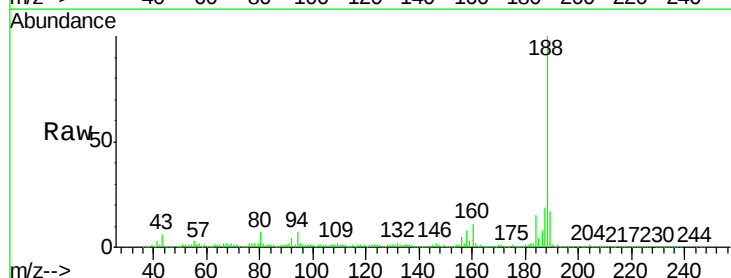
Tgt Ion:188 Resp: 1078062

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

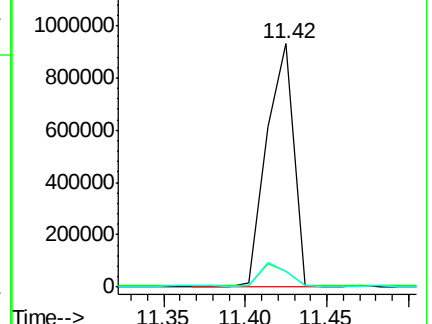
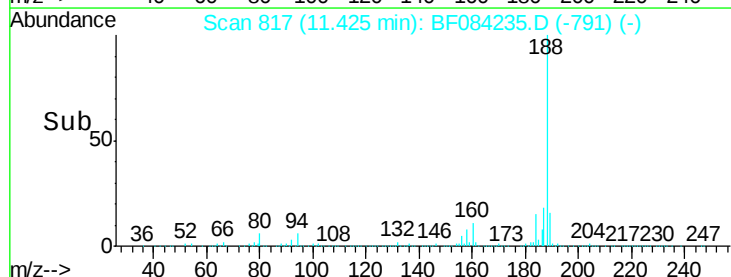
80 6.7 9.6 14.4#

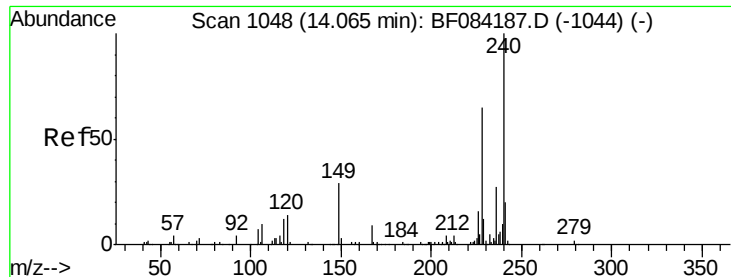


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

Instrument :

BNA_F

ClientSampled :

S8-0530

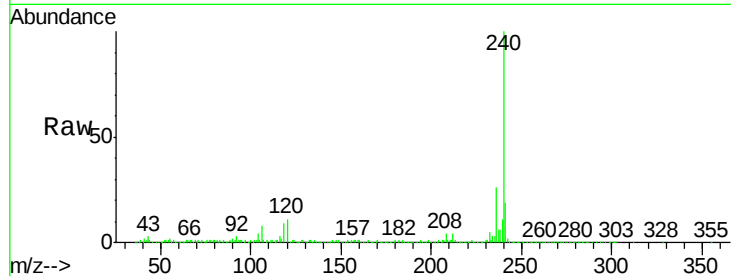
Tot Ion:240 Resp: 718919

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

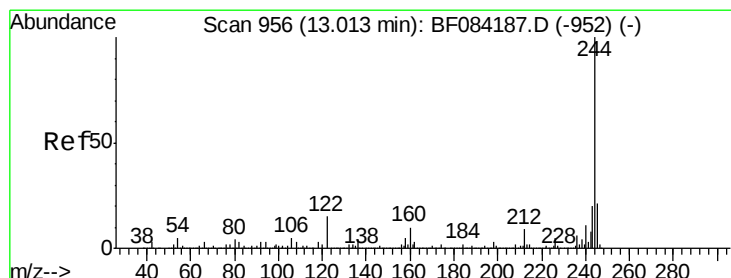
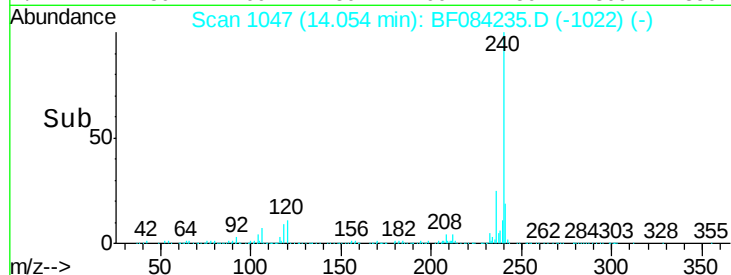
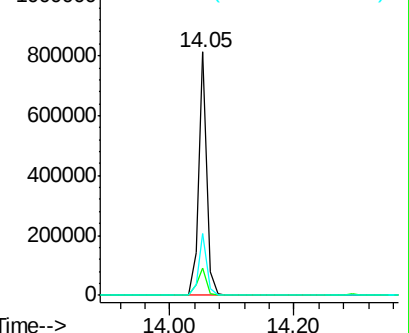
236 25.5 20.6 31.0



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: 65.07 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF084235.D

Acq: 4 Jan 2016 13:32

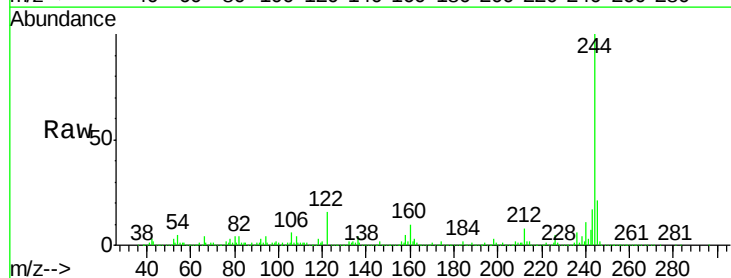
Tgt Ion:244 Resp: 2095640

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

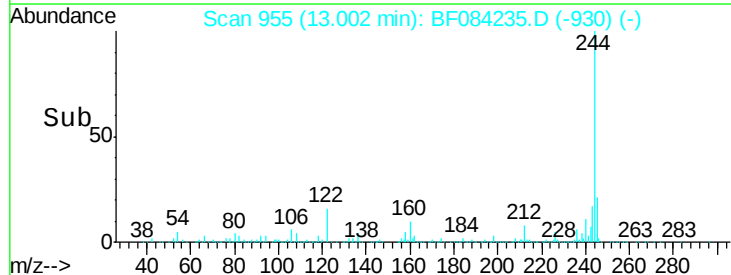
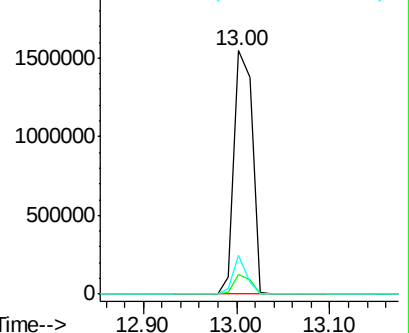
122 16.0 7.4 11.0#

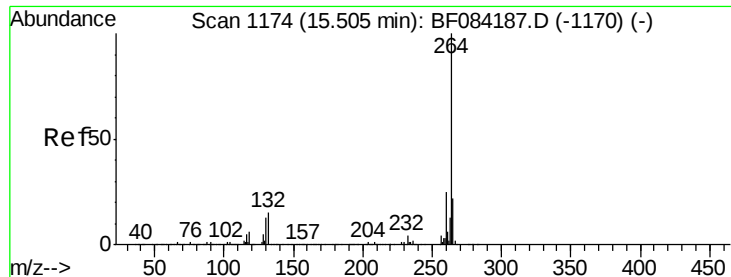


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

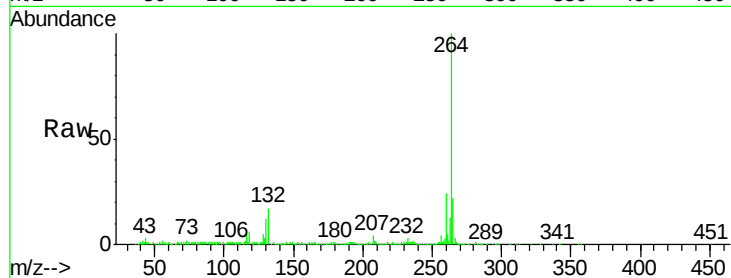




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084235.D
 Acq: 4 Jan 2016 13:32

Instrument :
 BNA_F
 ClientSampleId :
 S8-0530

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	22.3	17.8	26.6



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

