

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
 Data File : BF089077.D
 Acq On : 17 Jul 2016 14:42
 Operator : UM/SJ
 Sample : H4046-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C5-7

Quant Time: Jul 18 03:43:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

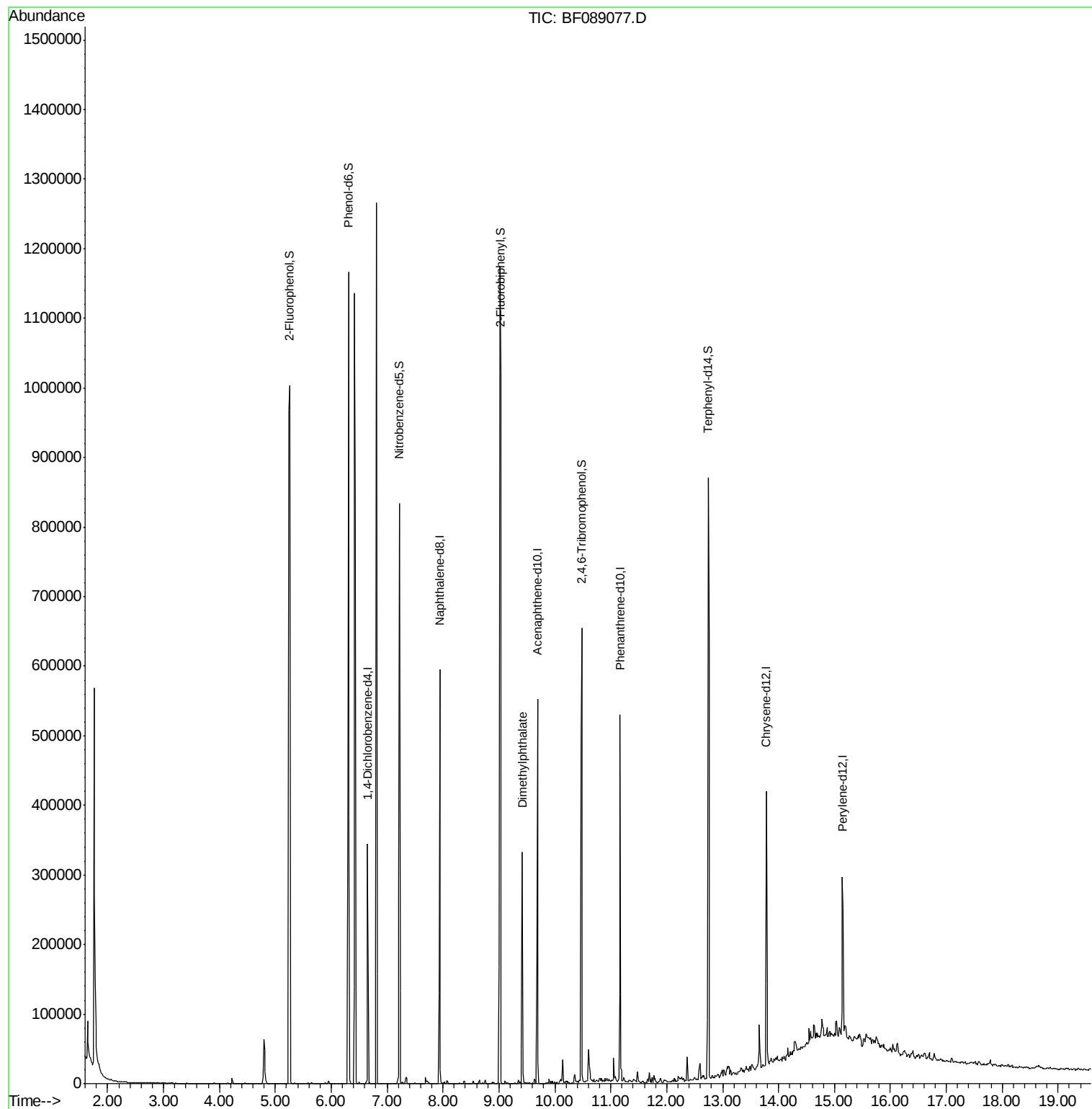
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	58731	20.00	ng	-0.06
21) Naphthalene-d8	7.94	136	251778	20.00	ng	-0.06
38) Acenaphthene-d10	9.69	164	107638	20.00	ng	-0.06
63) Phenanthrene-d10	11.16	188	181718	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	111508	20.00	ng	-0.07
86) Perylene-d12	15.14	264	107144	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	421591	107.58	ng	-0.03
7) Phenol-d6	6.31	99	490134	96.80	ng	-0.05
23) Nitrobenzene-d5	7.22	82	299730	62.39	ng	-0.06
41) 2,4,6-Tribromophenol	10.48	330	90237	90.28	ng	-0.06
44) 2-Fluorobiphenyl	9.03	172	559820	82.15	ng	-0.05
78) Terphenyl-d14	12.74	244	344293	68.77	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.42	163	119860	15.63	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

C5-7

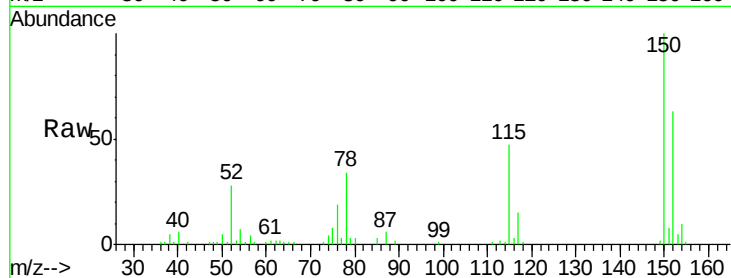
Tot Ion:152 Resp: 58731

Ion Ratio Lower Upper

152 100

150 158.7 123.8 185.6

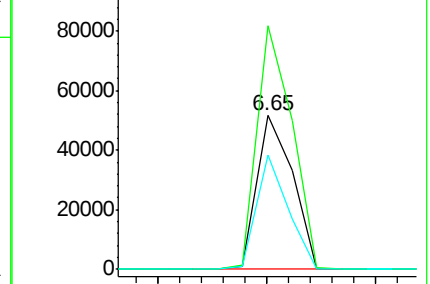
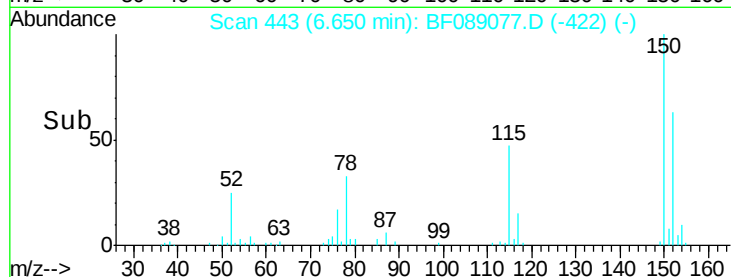
115 74.5 39.6 59.4#



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: 107.58 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

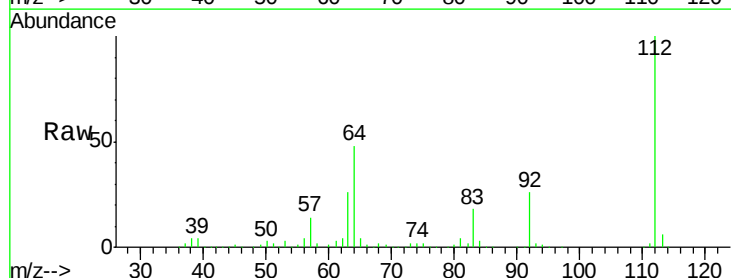
Tgt Ion:112 Resp: 421591

Ion Ratio Lower Upper

112 100

64 47.9 42.2 63.2

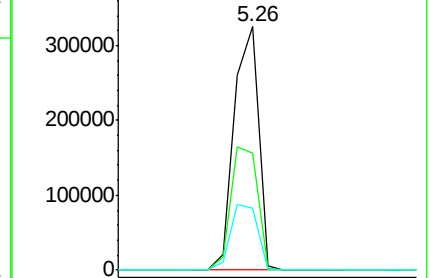
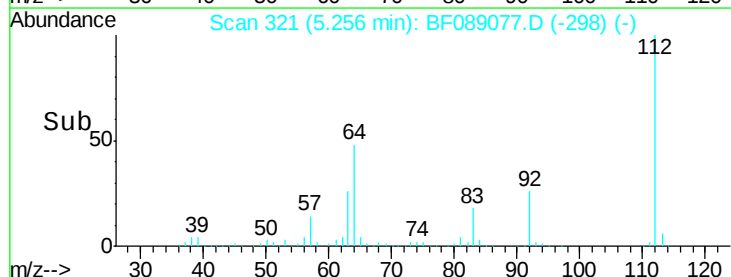
63 25.5 21.8 32.8



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: 96.80 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

C5-7

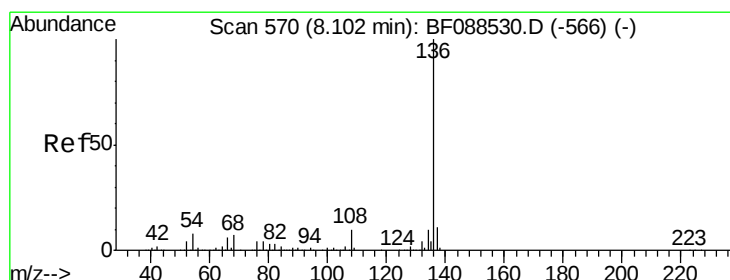
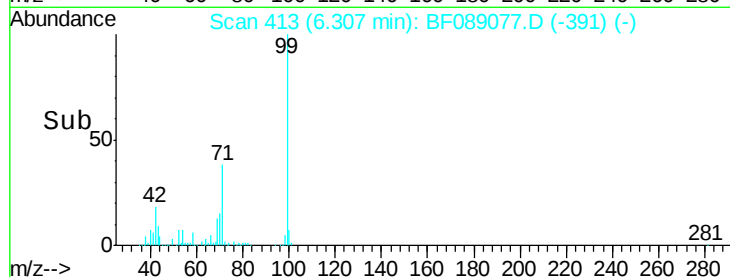
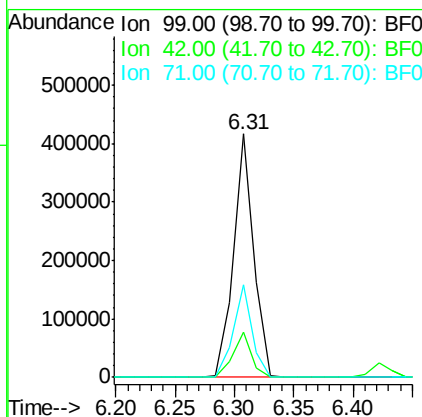
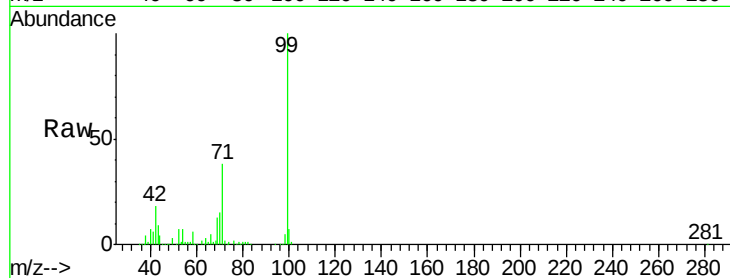
Tot Ion: 99 Resp: 490134

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 37.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Tgt Ion: 136 Resp: 251778

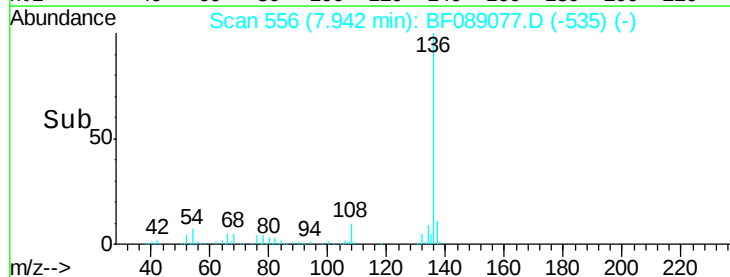
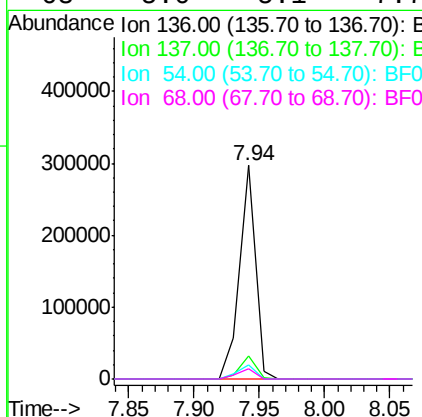
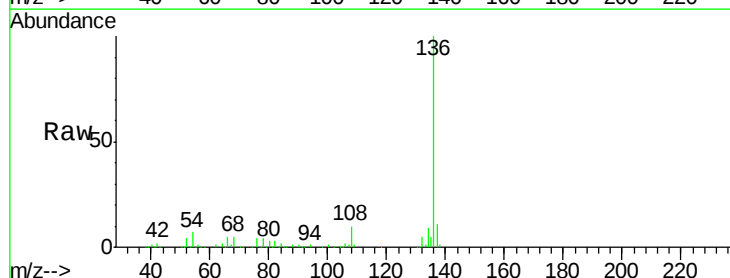
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.6 6.6 10.0#

68 5.0 5.1 7.7#

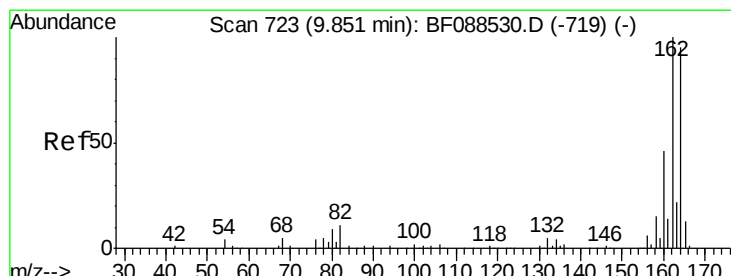
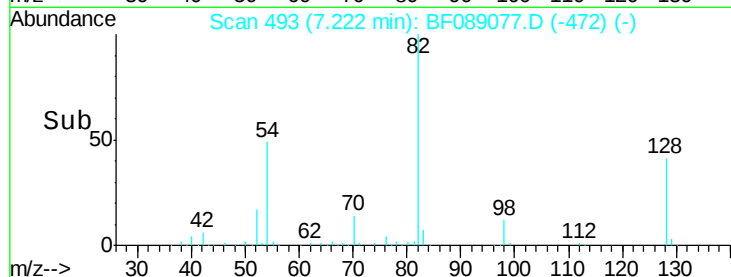
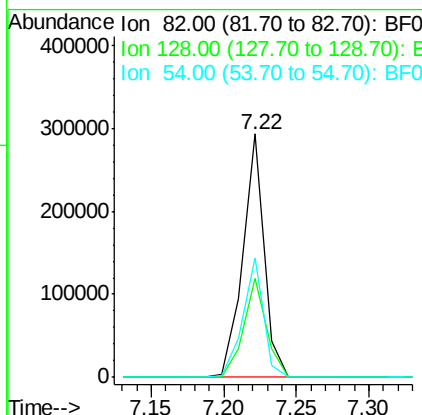
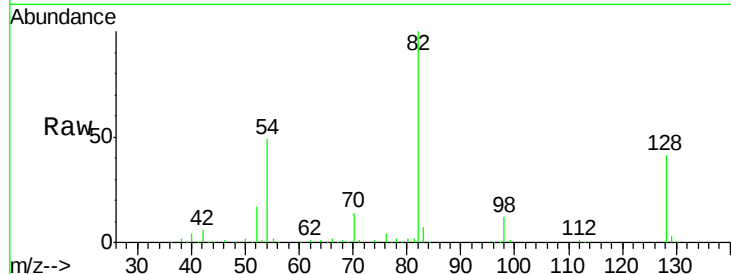




#23
Nitrobenzene-d5
Concen: 62.39 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.06 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

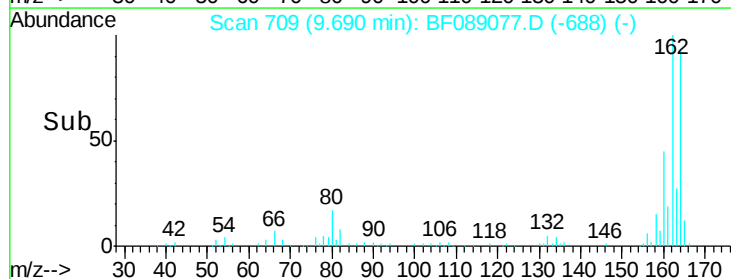
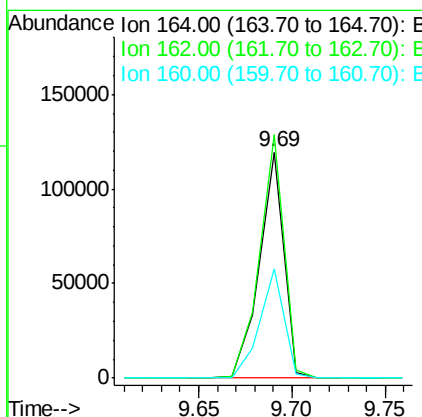
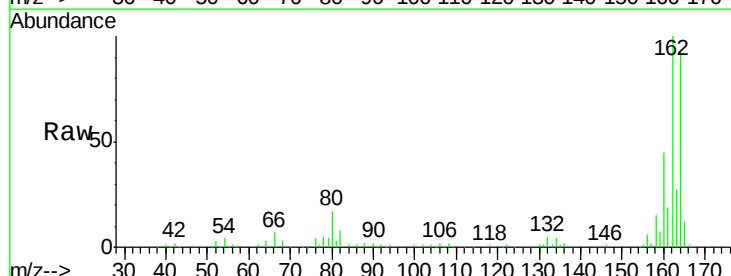
Instrument :
BNA_F
ClientSampled :
C5-7

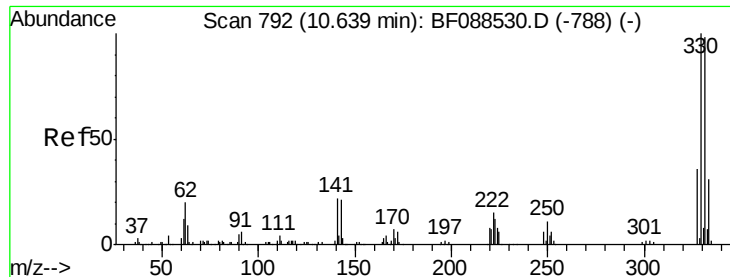
Tot Ion	82	Resp	299730
Ion Ratio	Lower	Upper	
82	100		
128	40.7	35.9	53.9
54	48.8	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.06 min
Lab File: BF089077.D
Acq: 17 Jul 2016 14:42

Tgt Ion	164	Resp	107638
Ion Ratio	Lower	Upper	
164	100		
162	107.6	85.4	128.2
160	48.0	39.5	59.3

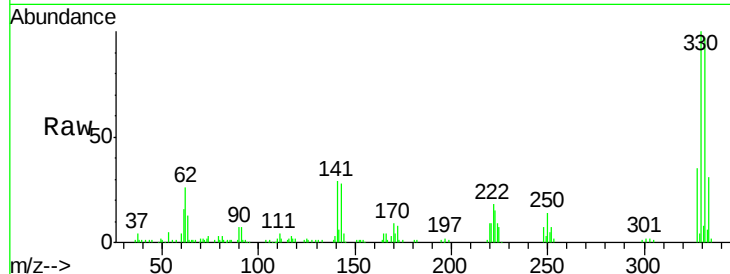




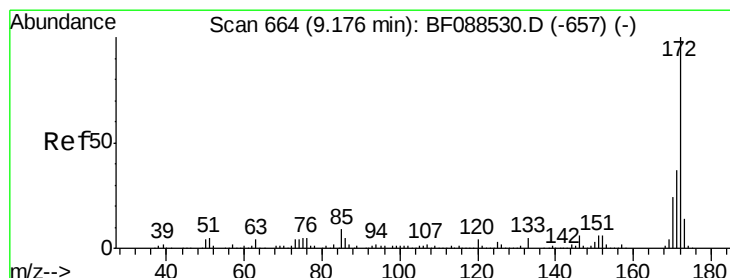
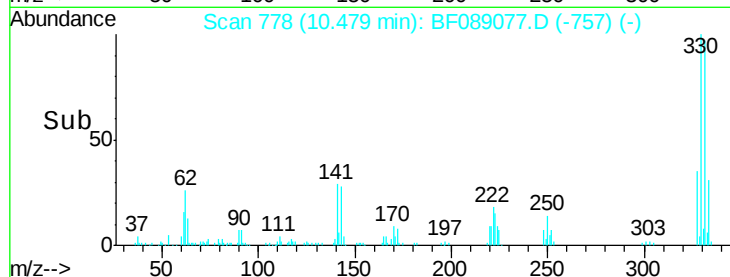
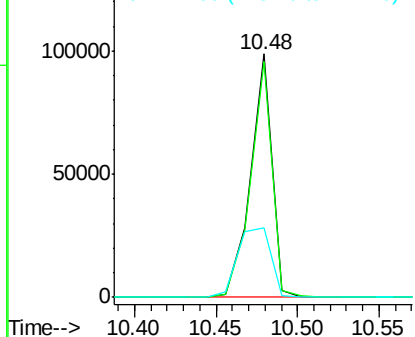
#41
 2,4,6-Tribromophenol
 Concen: 90.28 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.06 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 C5-7

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	43.9	0.0	0.0#

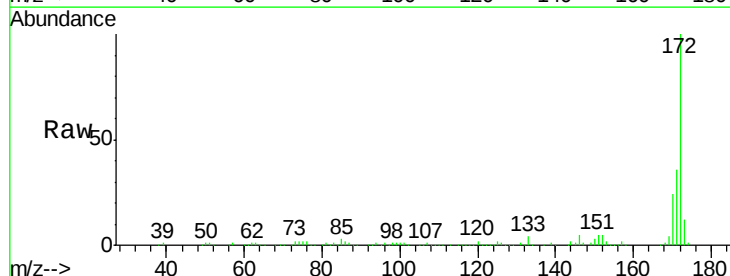


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

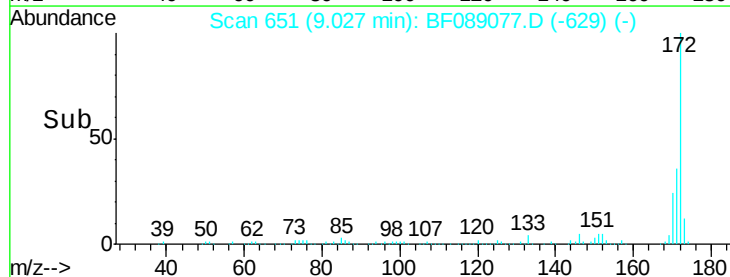
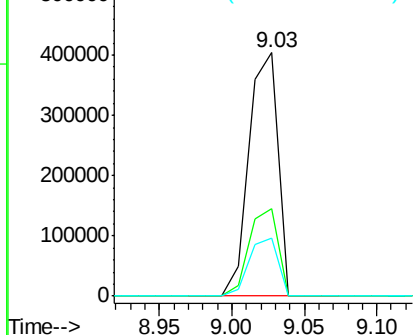


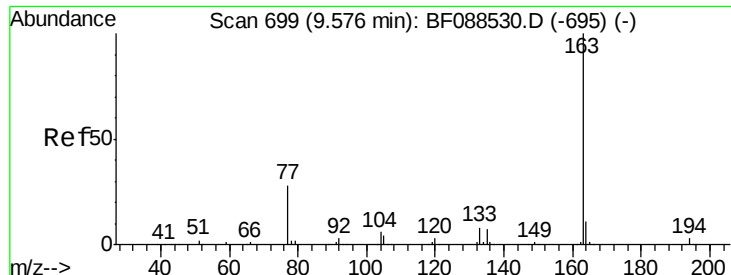
#44
 2-Fluorobiphenyl
 Concen: 82.15 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	19.2	28.8



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: 15.63 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.07 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

C5-7

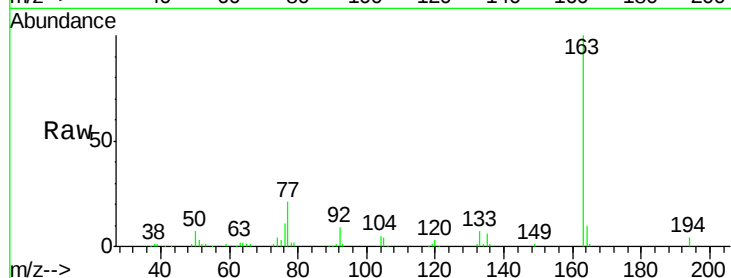
Tot Ion:163 Resp: 119860

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

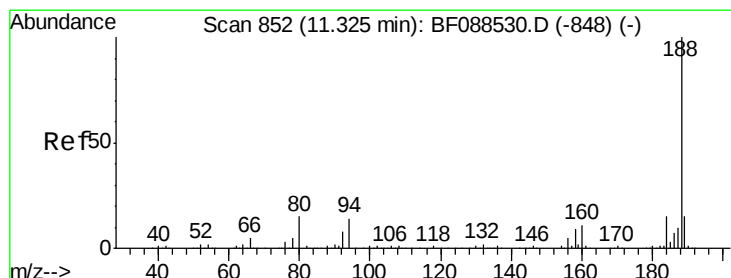
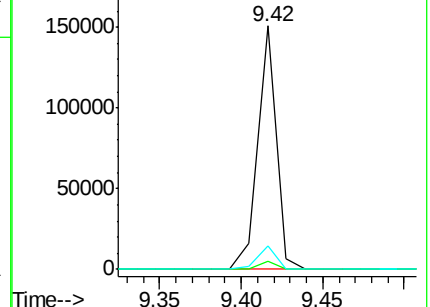
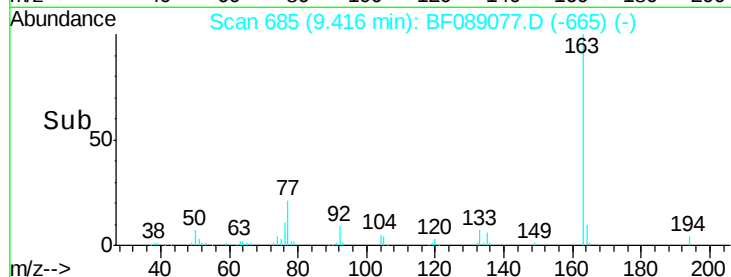
164 9.8 8.3 12.5



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: 11.16 min Scan# 838

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

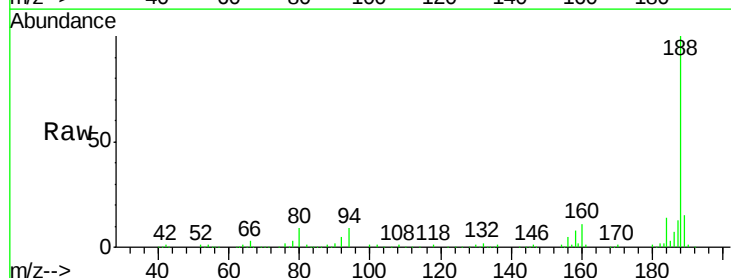
Tgt Ion:188 Resp: 181718

Ion Ratio Lower Upper

188 100

94 8.6 9.0 13.6#

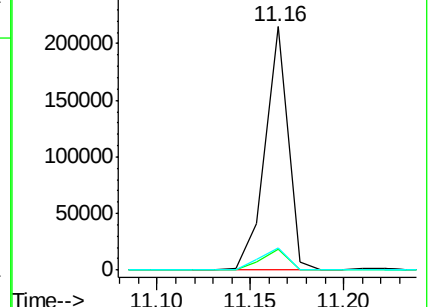
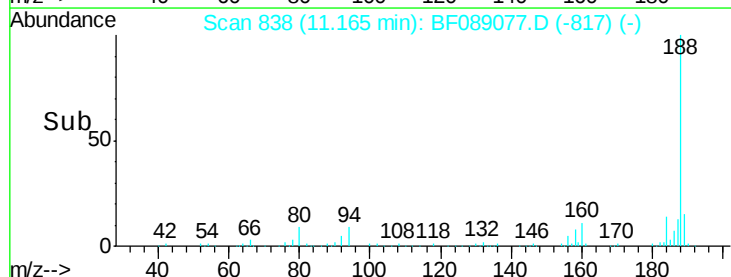
80 9.3 10.0 15.0#

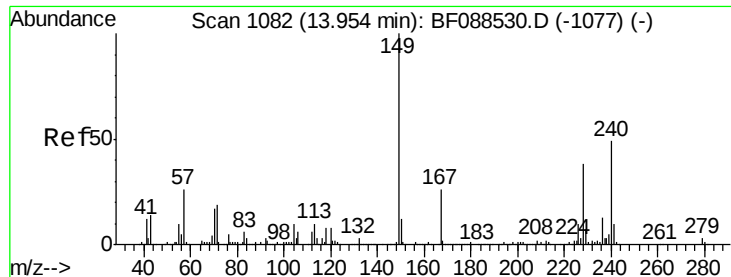


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.07 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

Instrument :

BNA_F

ClientSampleId :

C5-7

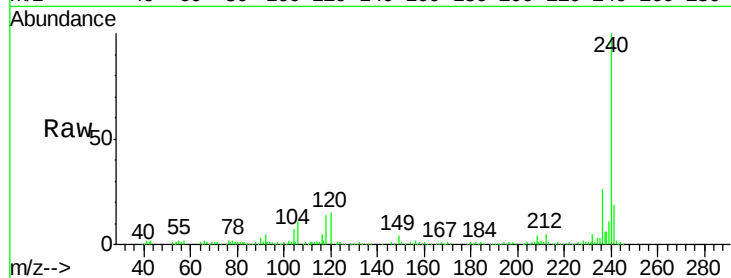
Tot Ion:240 Resp: 111508

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

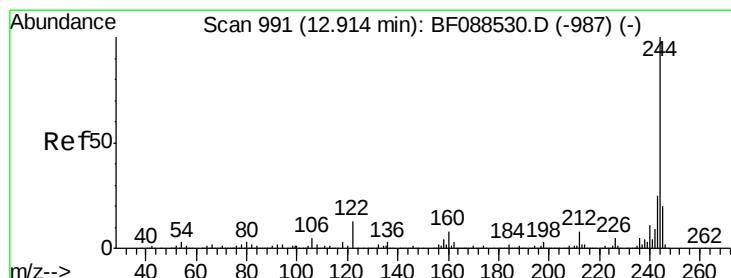
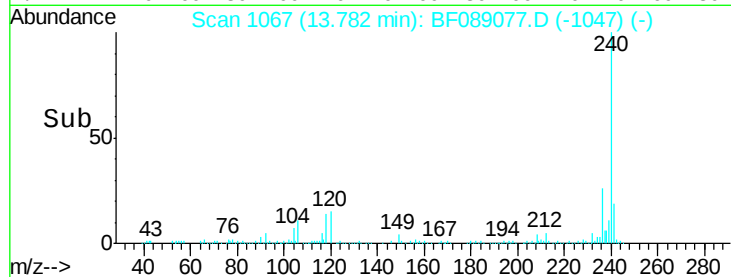
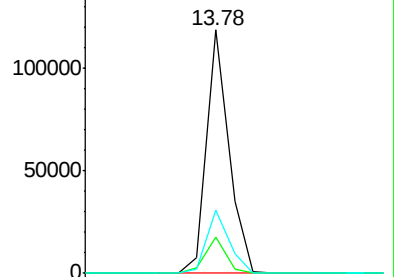
236 26.2 20.2 30.2



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: 68.77 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.06 min

Lab File: BF089077.D

Acq: 17 Jul 2016 14:42

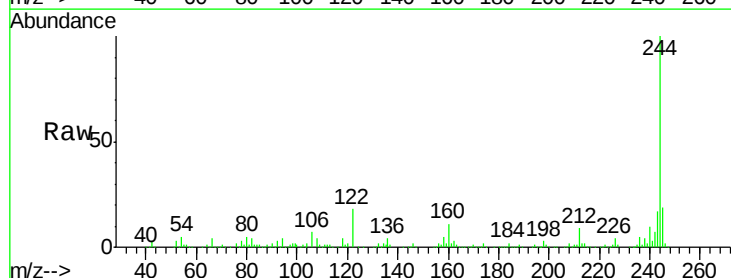
Tgt Ion:244 Resp: 344293

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

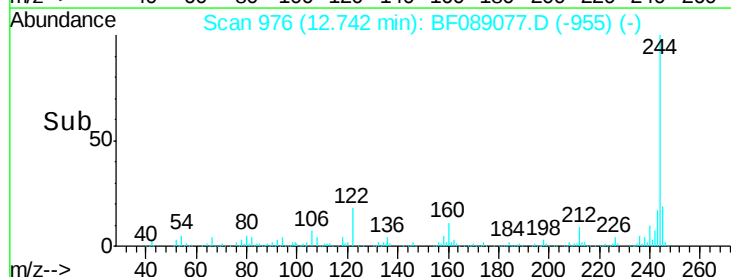
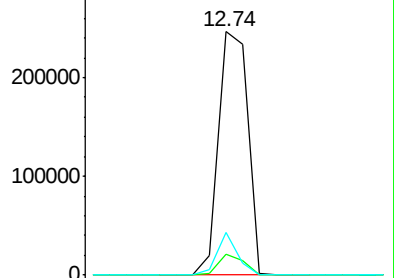
122 17.8 11.2 16.8#

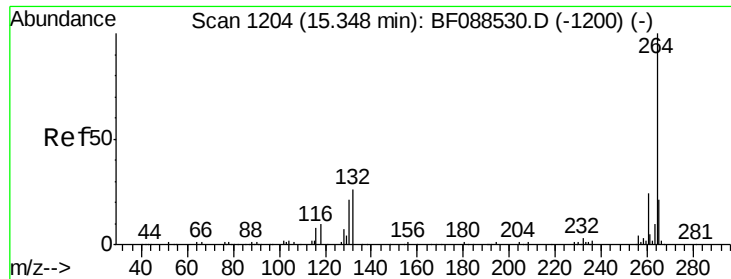


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

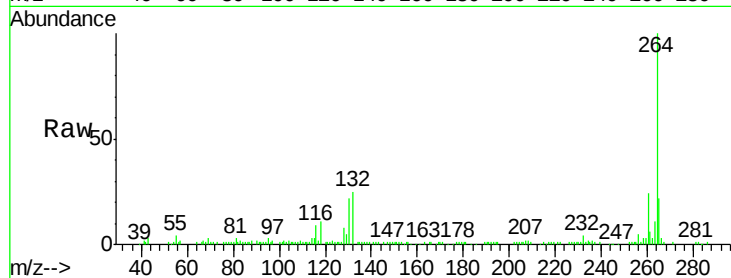




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1186
 Delta R.T. -0.07 min
 Lab File: BF089077.D
 Acq: 17 Jul 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 C5-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	16.9	25.3



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

