

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086932.D
 Acq On : 12 May 2016 16:01
 Operator : UM/SJ
 Sample : H2968-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP38-5.5FT

Quant Time: May 13 01:03:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 00:58:18 2016
 Response via : Initial Calibration

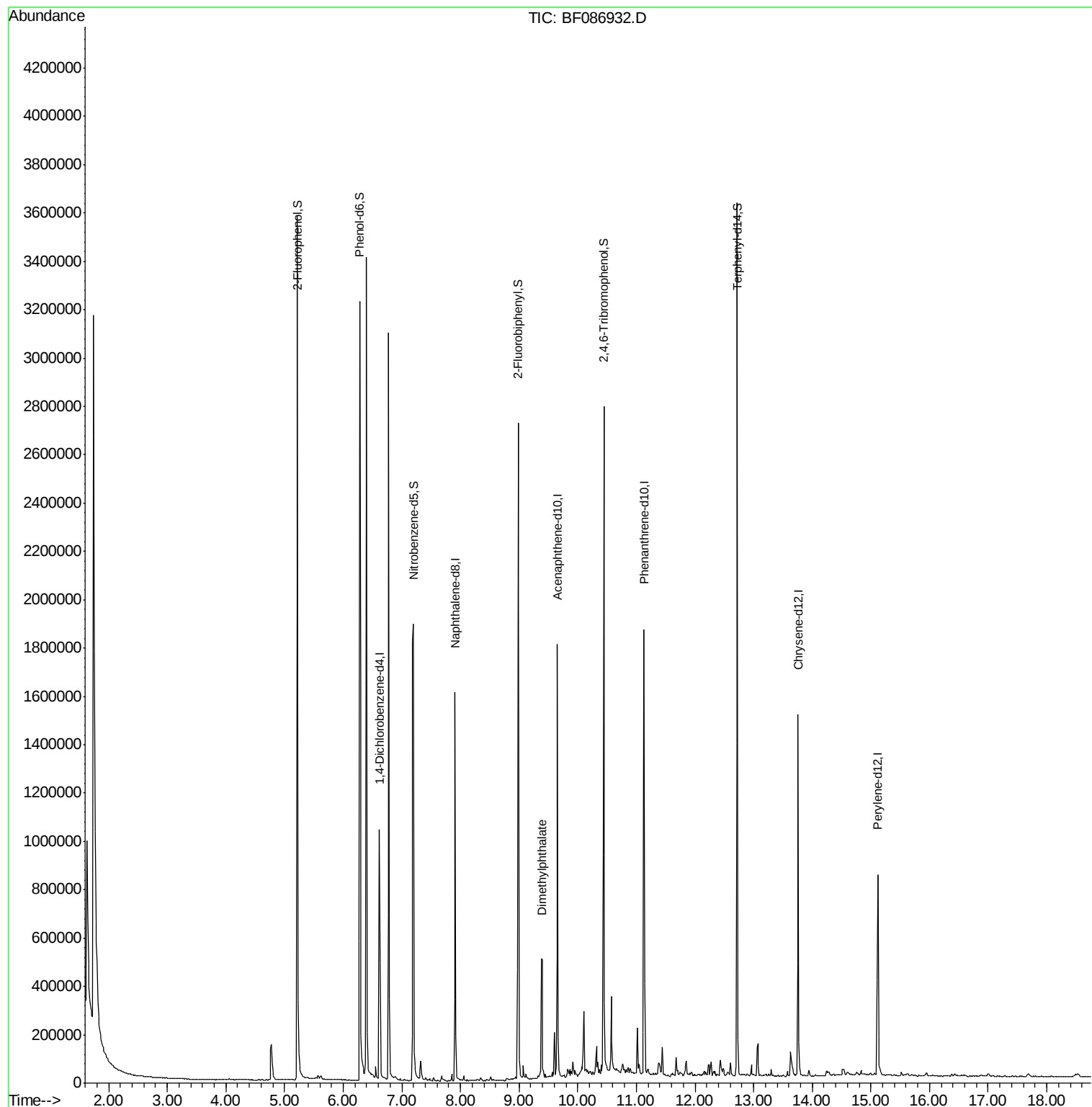
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	158339	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	689109	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	344615	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	647278	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	521670	20.00	ng	-0.01
86) Perylene-d12	15.12	264	347734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1047789	112.07	ng	0.01
7) Phenol-d6	6.28	99	1264105	101.16	ng	-0.01
23) Nitrobenzene-d5	7.20	82	900064	65.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	290666	79.67	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1191105	58.09	ng	-0.01
78) Terphenyl-d14	12.72	244	1085950	44.17	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	294112	11.19	ng	Qvalue 97

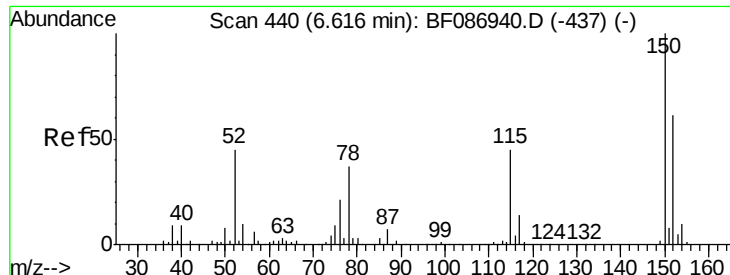
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 13 00:58:18 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

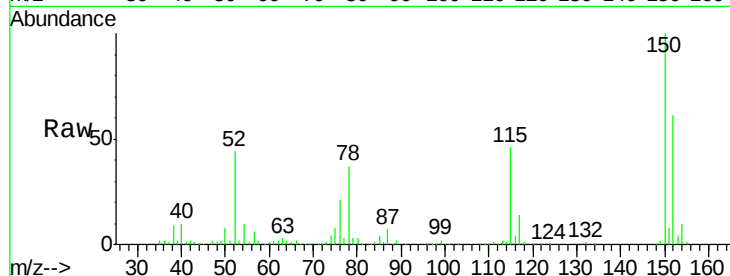
Tgt Ion:152 Resp: 158339

Ion Ratio Lower Upper

152 100

150 163.4 125.8 188.6

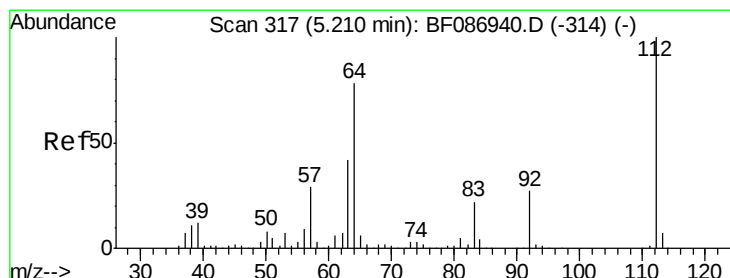
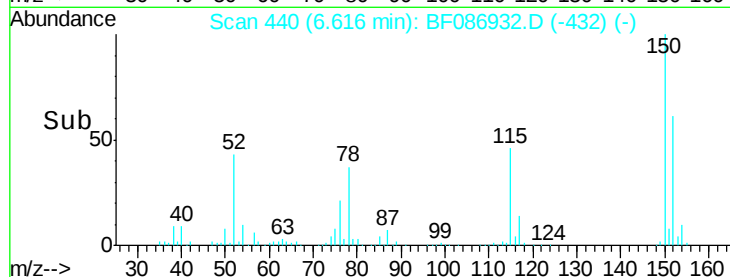
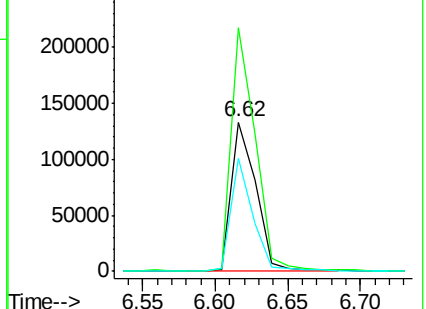
115 75.9 51.5 77.3



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: 112.07 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

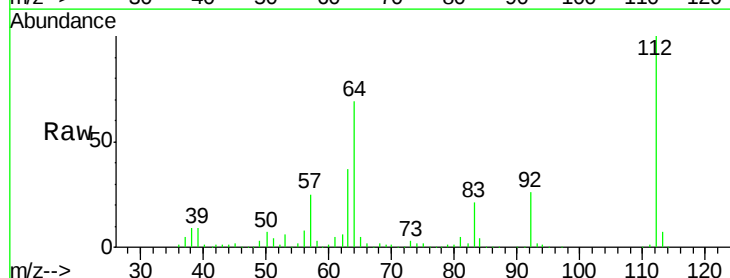
Tgt Ion:112 Resp: 1047789

Ion Ratio Lower Upper

112 100

64 68.6 52.1 78.1

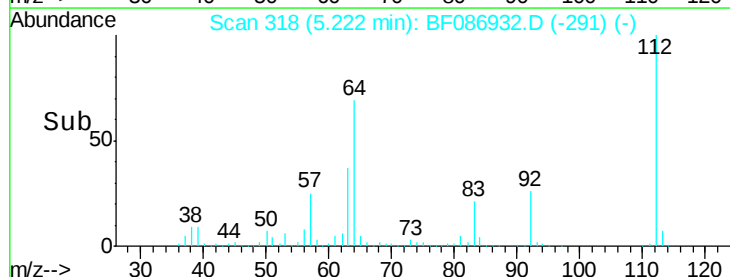
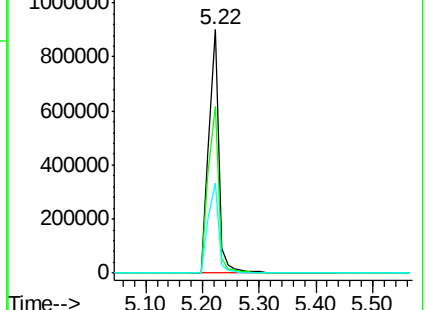
63 37.0 25.7 38.5

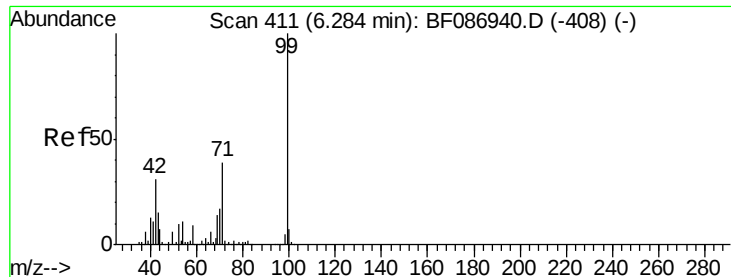


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.16 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

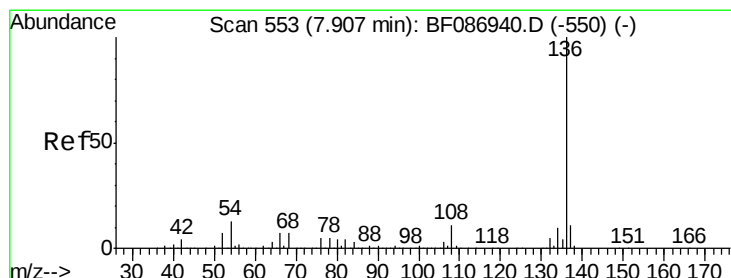
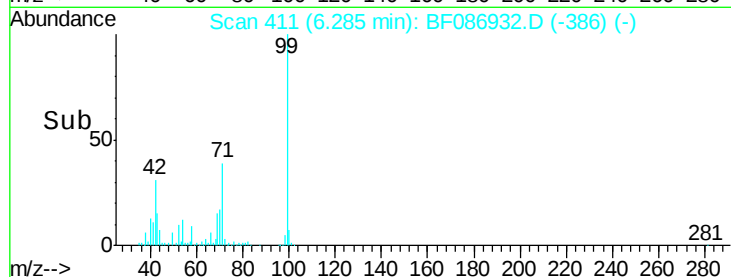
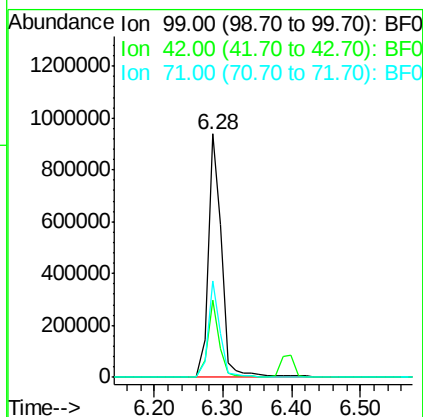
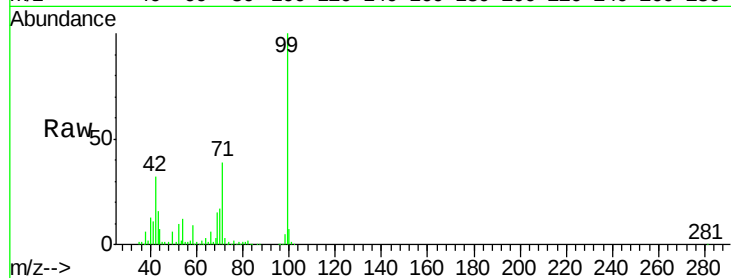
Tgt Ion: 99 Resp: 1264105

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

71 39.4 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Tgt Ion: 136 Resp: 689109

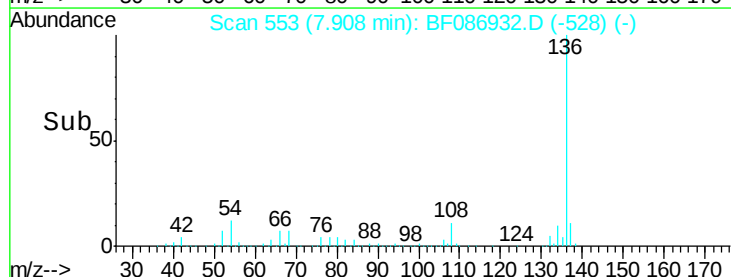
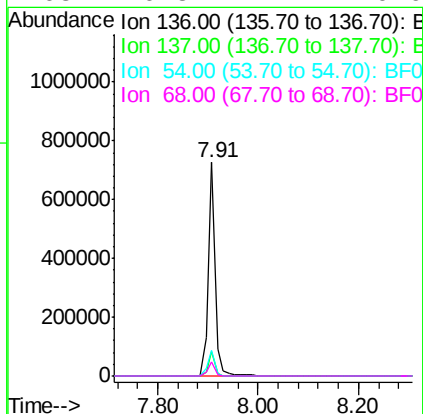
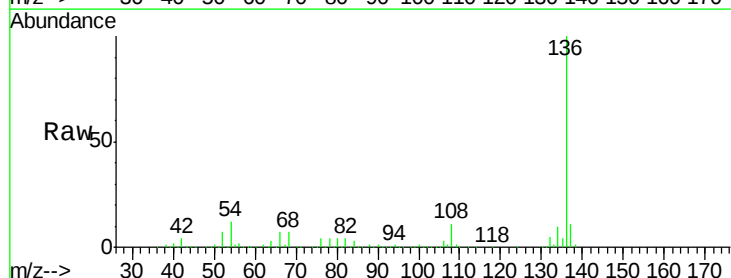
Ion Ratio Lower Upper

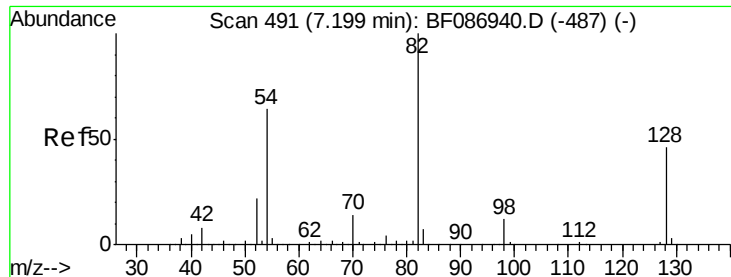
136 100

137 11.2 8.8 13.2

54 11.9 5.0 7.4#

68 6.8 4.4 6.6#

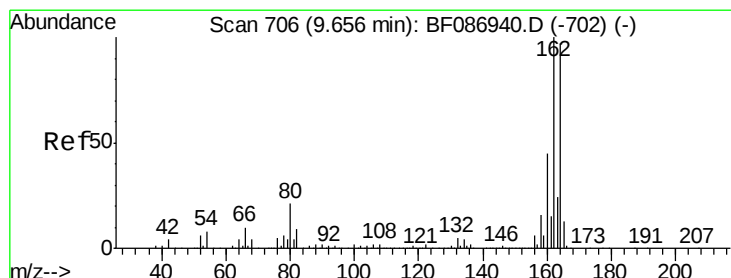
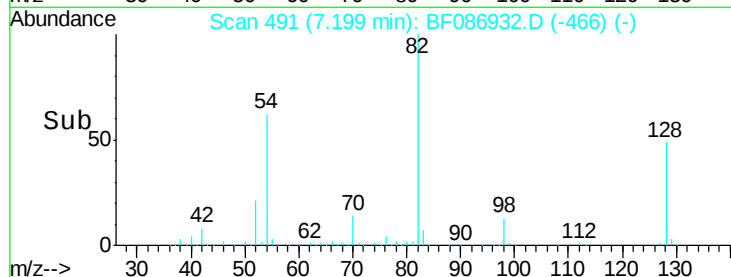
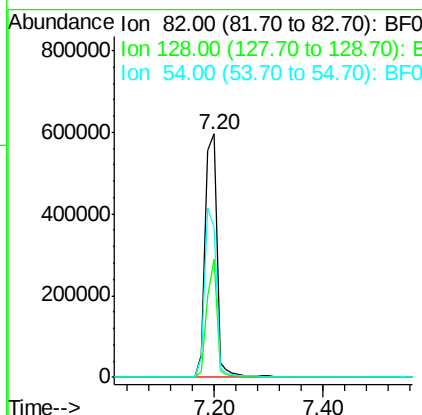
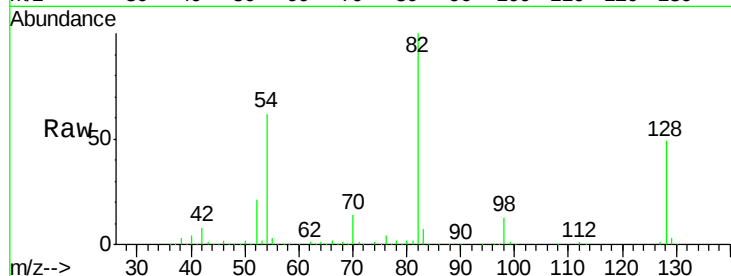




#23
 Nitrobenzene-d5
 Concen: 65.58 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

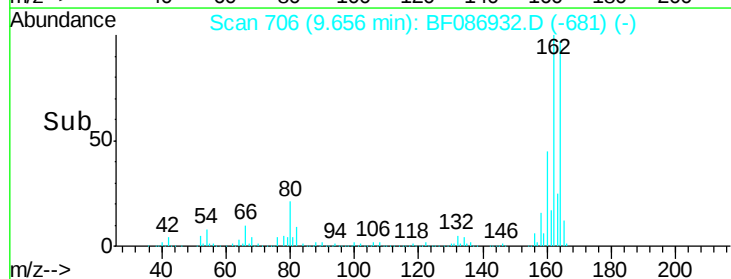
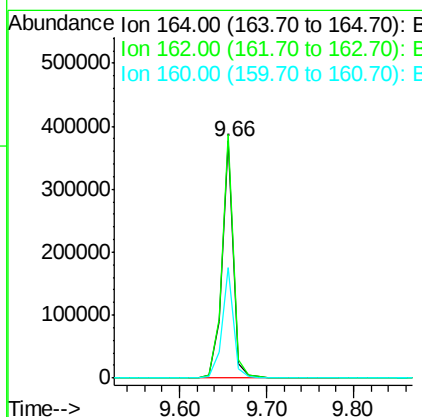
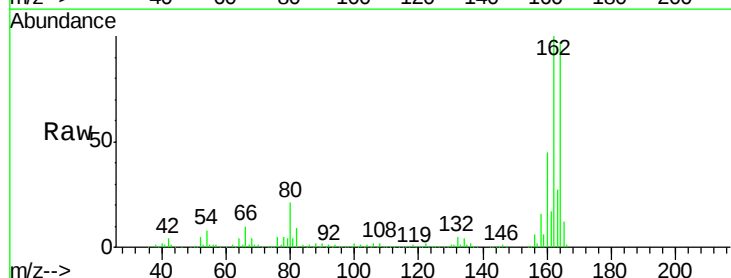
Instrument :
 BNA_F
 ClientSampleId :
 TP38-5.5FT

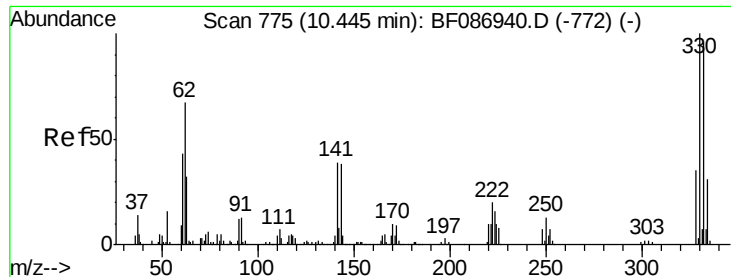
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.6	61.0
54	61.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	46.8	36.9	55.3

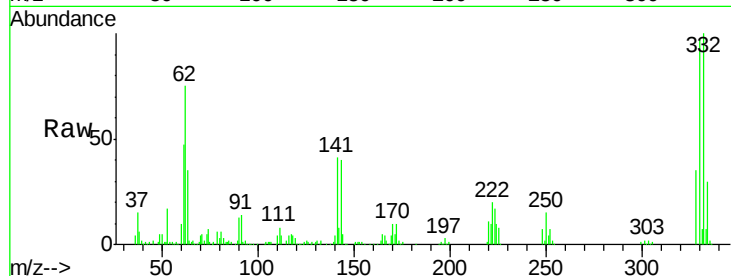




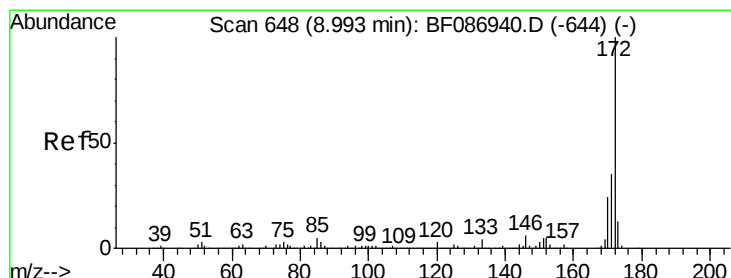
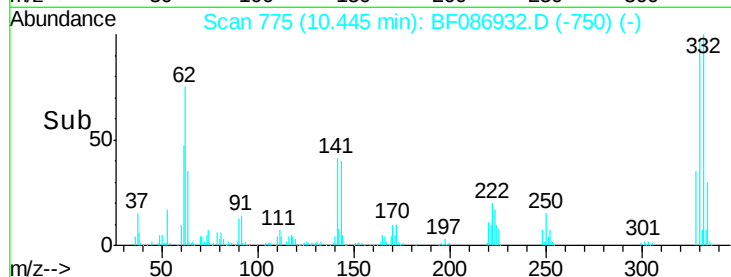
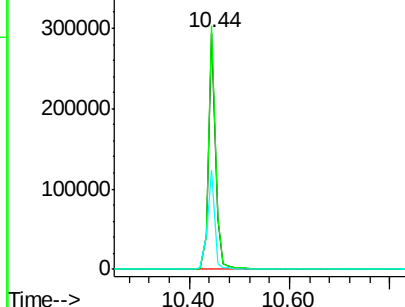
#41
 2,4,6-Tribromophenol
 Concen: 79.67 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 TP38-5.5FT

Tgt Ion	Ratio	Lower	Upper
330	100		
332	101.6	79.0	118.4
141	43.0	31.2	46.8

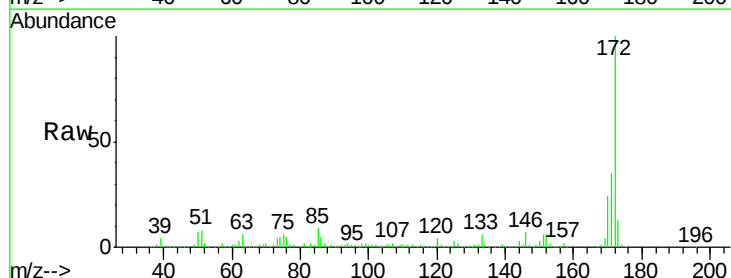


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

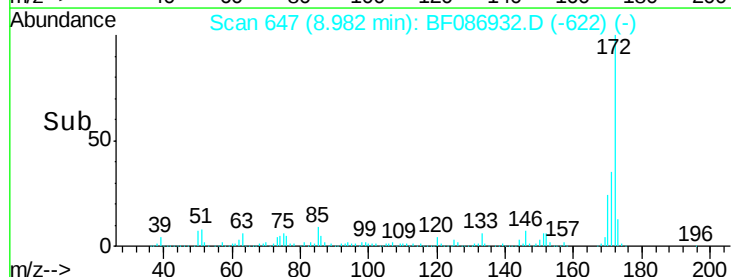
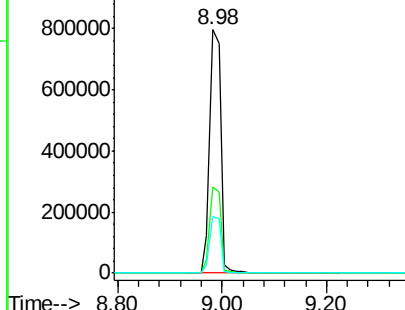


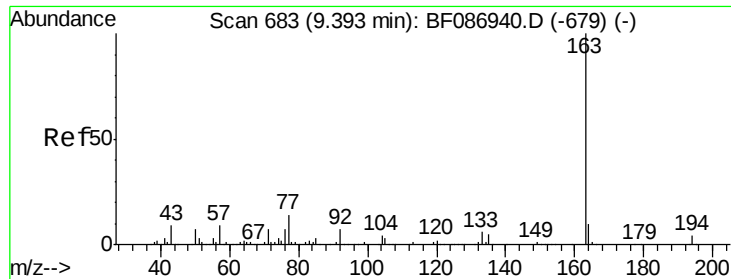
#44
 2-Fluorobiphenyl
 Concen: 58.09 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF086932.D
 Acq: 12 May 2016 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.0	43.6
170	23.6	19.8	29.8



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: 11.19 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

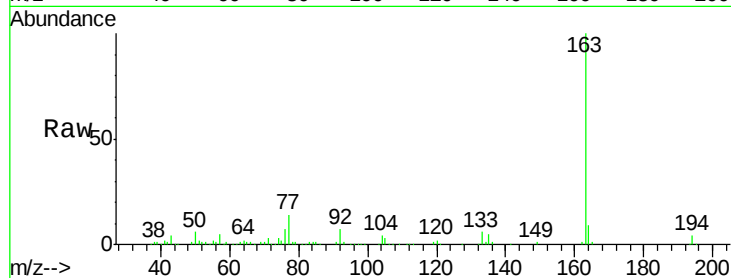
Tgt Ion:163 Resp: 294112

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

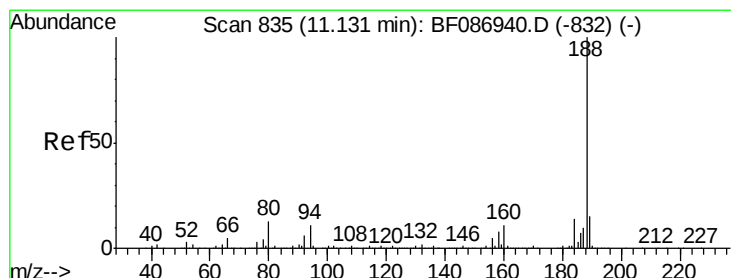
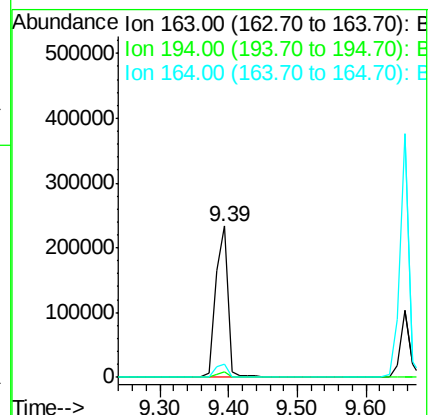
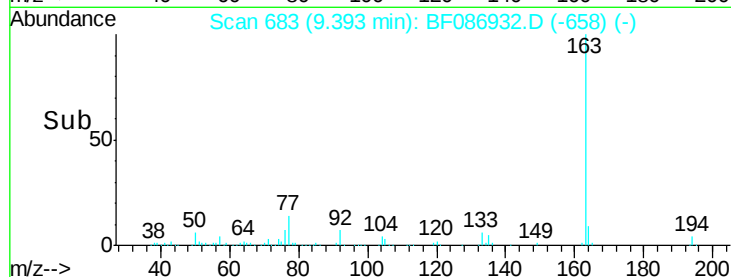
164 9.2 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

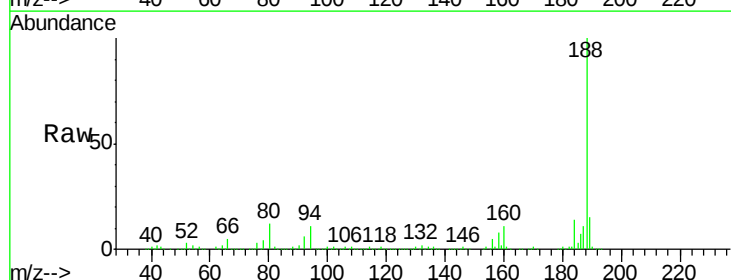
Tgt Ion:188 Resp: 647278

Ion Ratio Lower Upper

188 100

94 10.9 6.8 10.2#

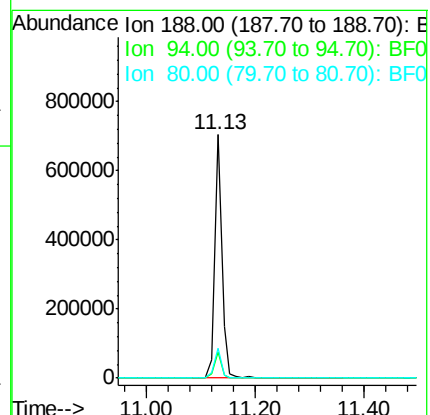
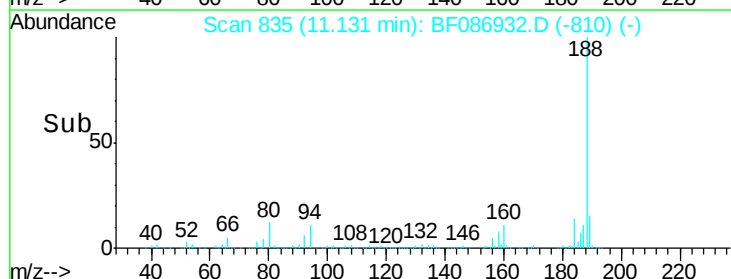
80 12.3 7.1 10.7#

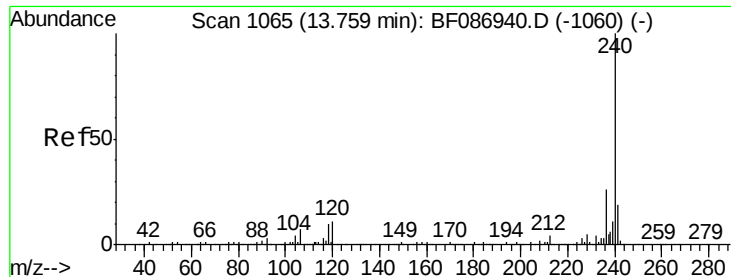


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

Instrument :

BNA_F

ClientSampleId :

TP38-5.5FT

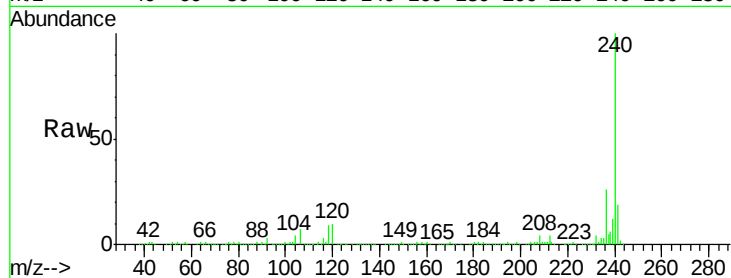
Tgt Ion:240 Resp: 521670

Ion Ratio Lower Upper

240 100

120 10.0 11.2 16.8#

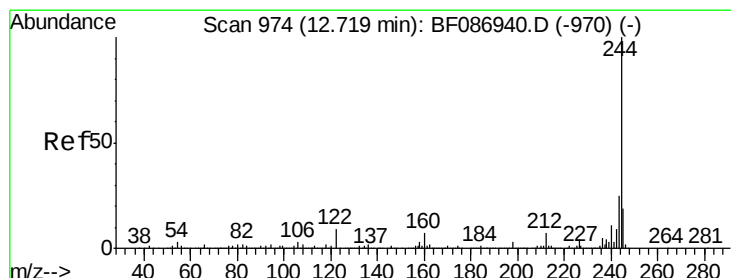
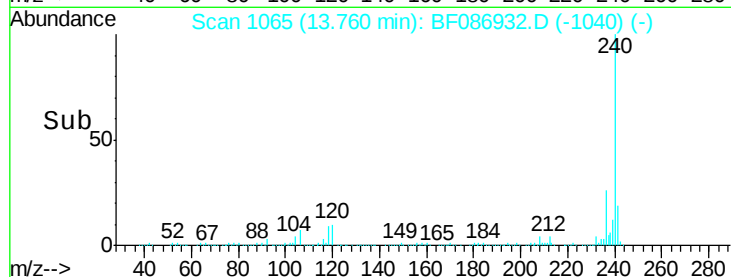
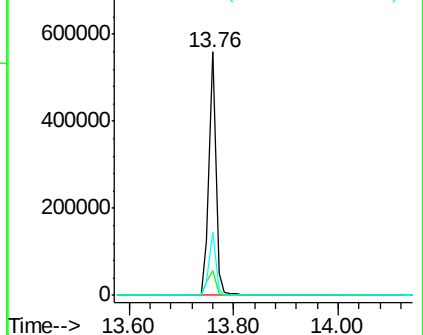
236 26.1 21.2 31.8



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: 44.17 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF086932.D

Acq: 12 May 2016 16:01

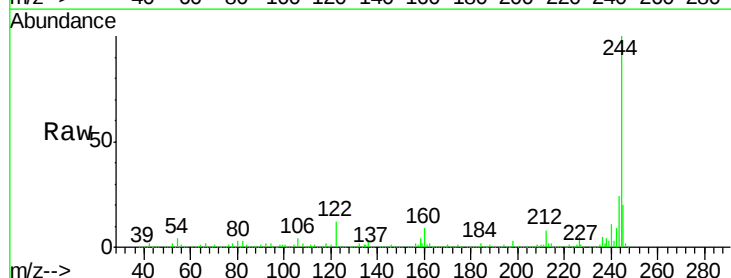
Tgt Ion:244 Resp: 1085950

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

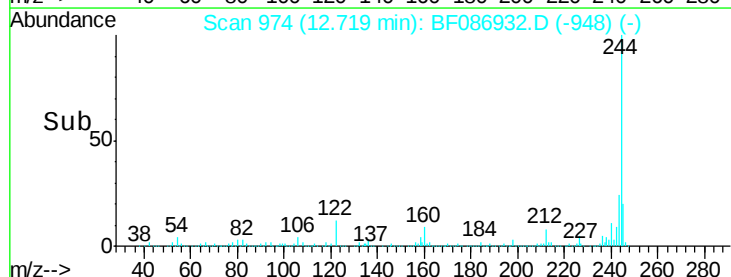
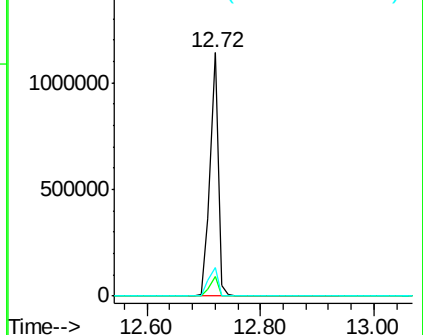
122 11.7 12.0 18.0#

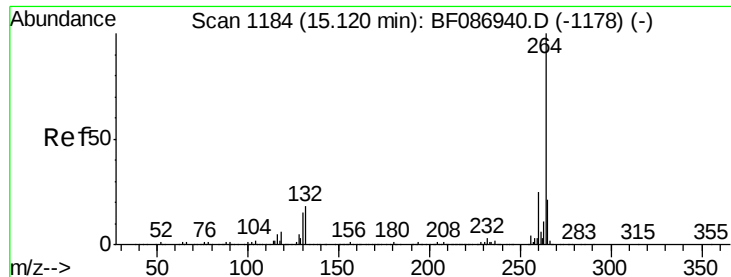


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF086932.D
Acq: 12 May 2016 16:01

Instrument :
BNA_F
ClientSampleId :
TP38-5.5FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	21.8	17.3	25.9

