

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086901.D
 Acq On : 11 May 2016 21:35
 Operator : UM/SJ
 Sample : H2894-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

Quant Time: May 12 01:20:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

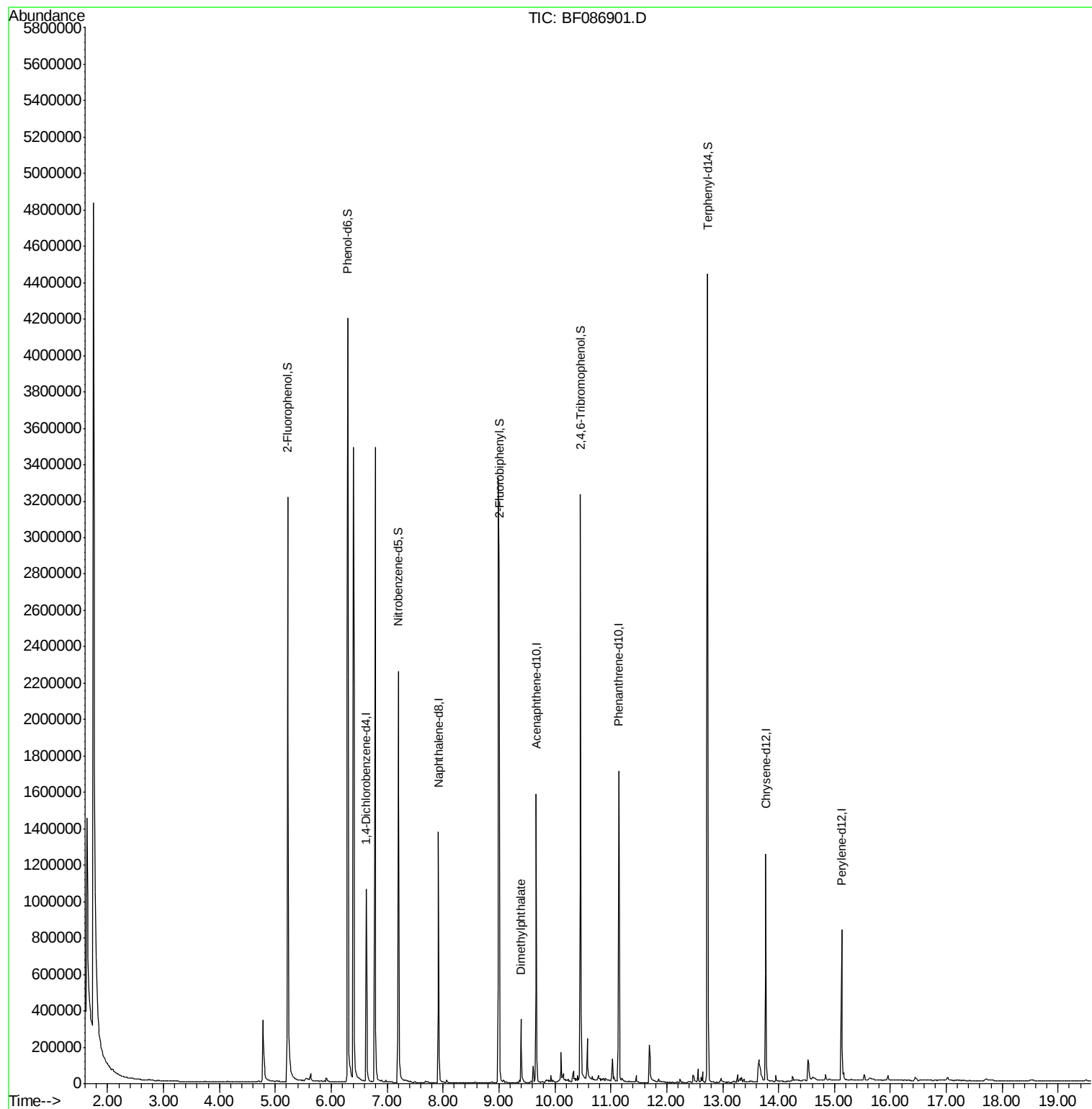
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	148662	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	632799	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	312912	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	565091	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	484319	20.00	ng	-0.01
86) Perylene-d12	15.13	264	364173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1050850	119.71	ng	0.00
7) Phenol-d6	6.30	99	1517022	129.31	ng	-0.01
23) Nitrobenzene-d5	7.20	82	940508	74.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	363822	109.83	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1520176	81.65	ng	0.00
78) Terphenyl-d14	12.73	244	1373893	60.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	167385	7.01	ng	Qvalue 99

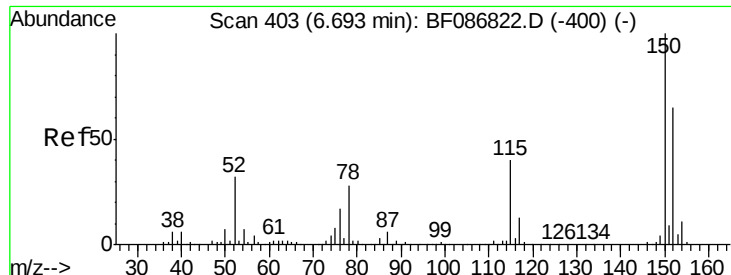
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

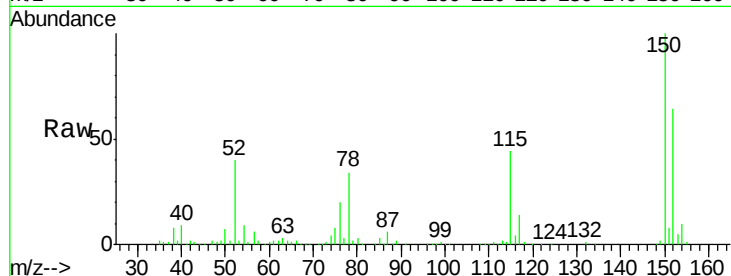
Tgt Ion:152 Resp: 148662

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

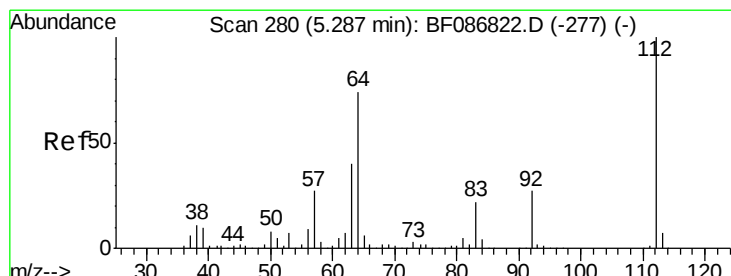
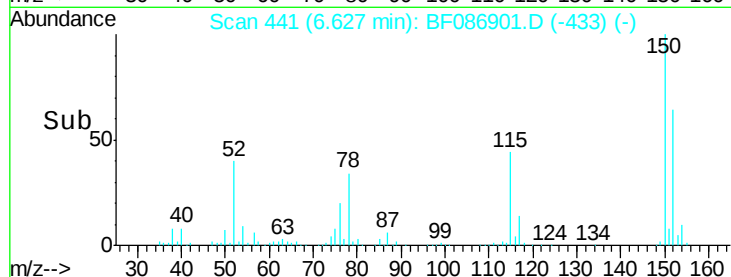
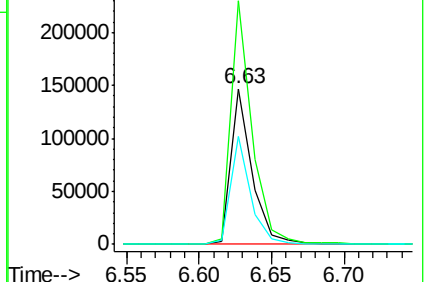
115 69.0 51.5 77.3



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: 119.71 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

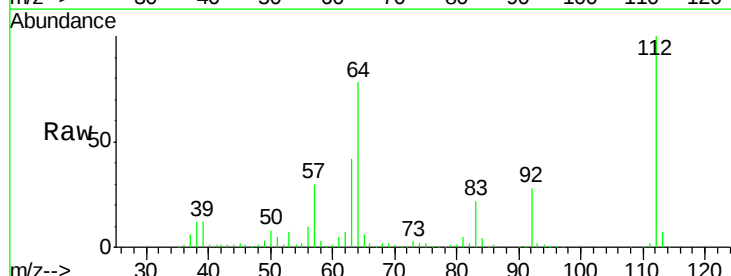
Tgt Ion:112 Resp: 1050850

Ion Ratio Lower Upper

112 100

64 78.0 52.1 78.1

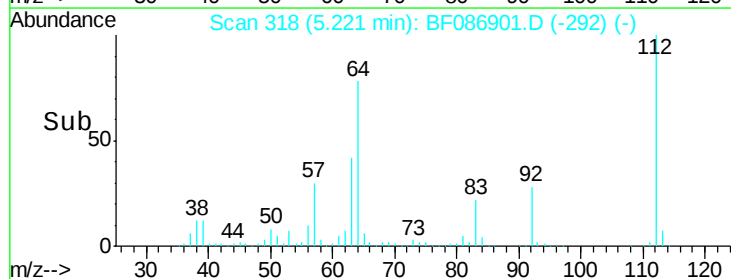
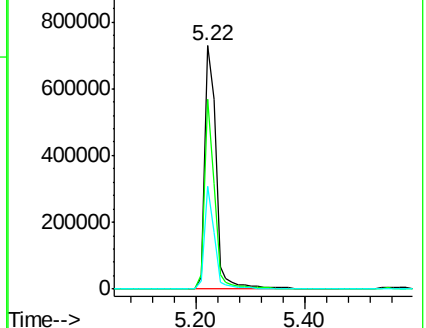
63 42.3 25.7 38.5

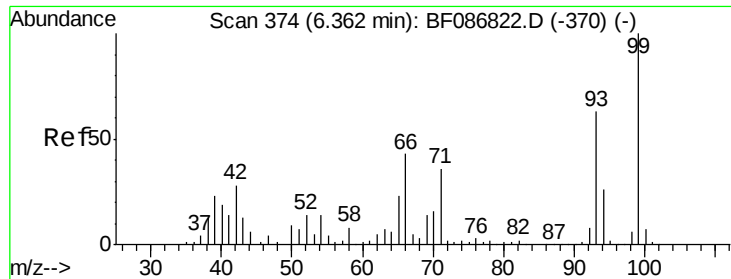


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.31 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

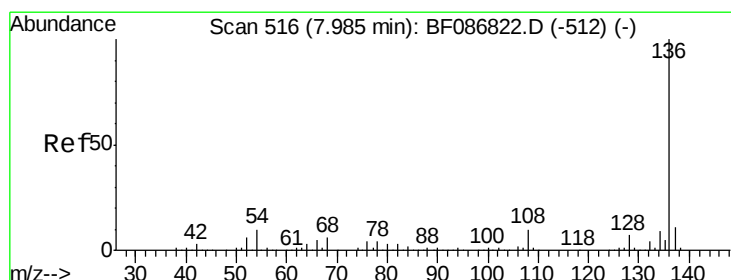
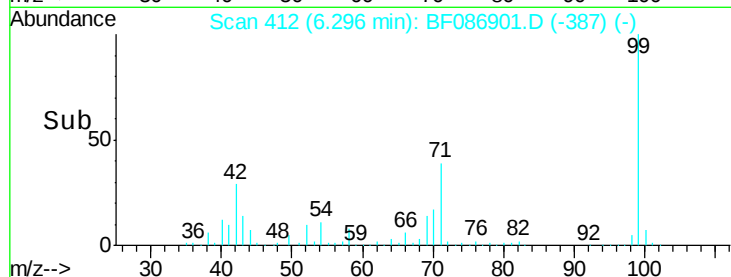
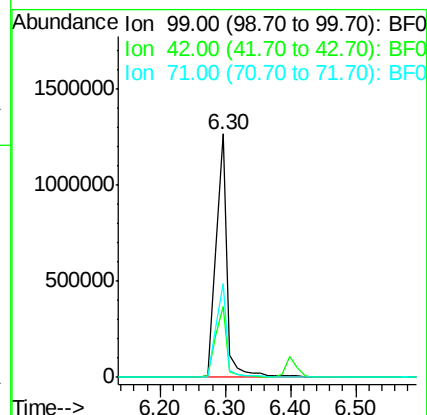
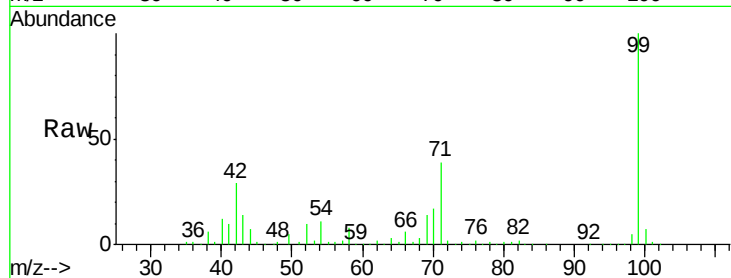
Tgt Ion: 99 Resp: 1517022

Ion Ratio Lower Upper

99 100

42 29.0 13.6 20.4#

71 38.8 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Tgt Ion: 136 Resp: 632799

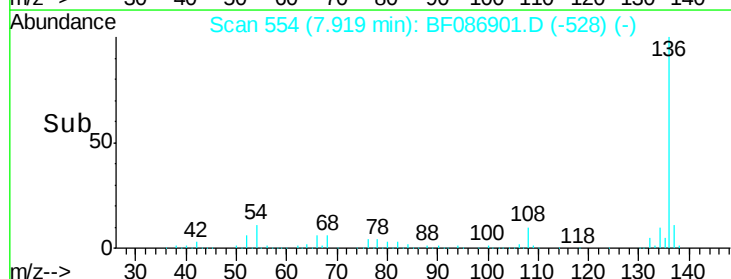
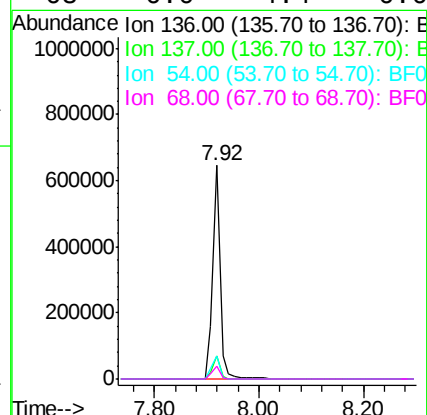
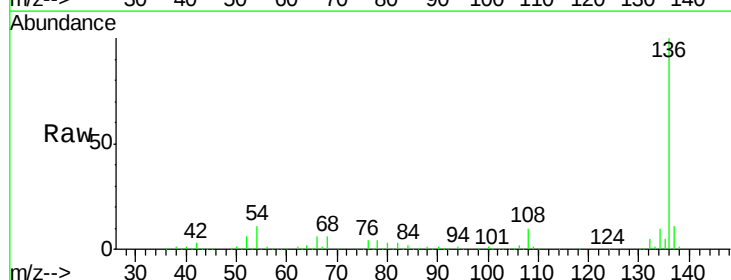
Ion Ratio Lower Upper

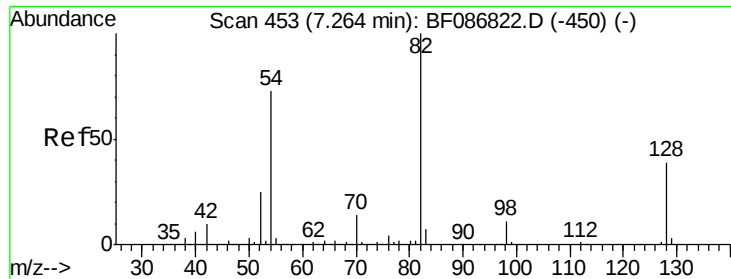
136 100

137 10.9 8.8 13.2

54 10.9 5.0 7.4#

68 6.0 4.4 6.6

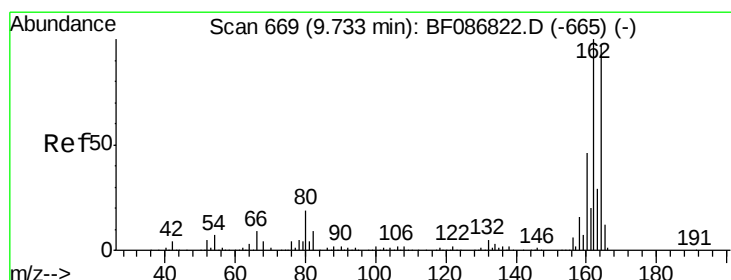
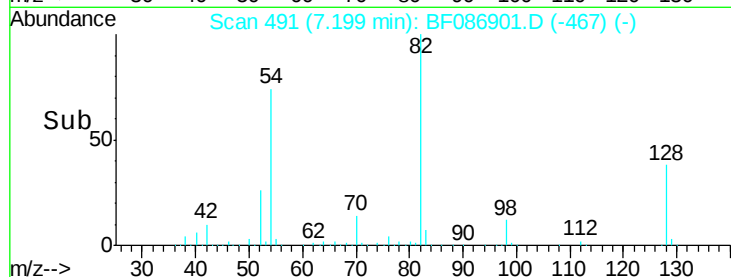
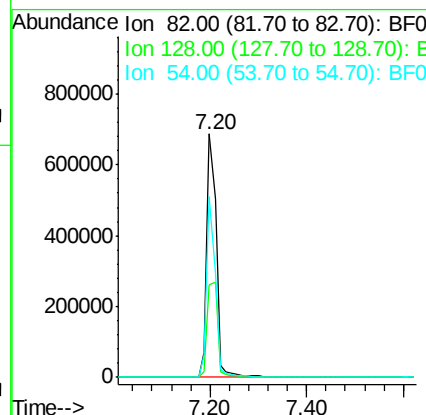
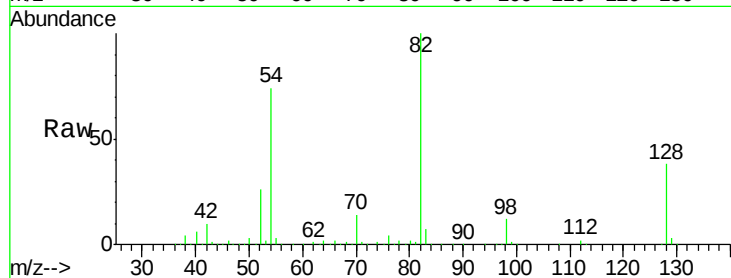




#23
 Nitrobenzene-d5
 Concen: 74.63 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

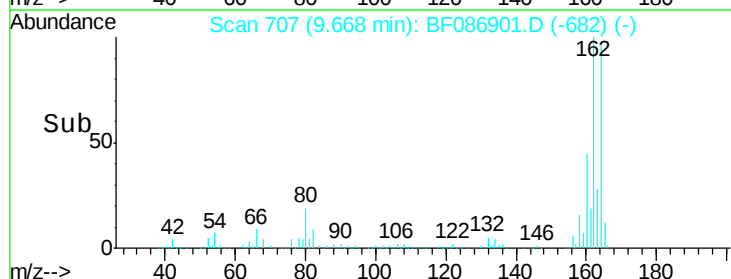
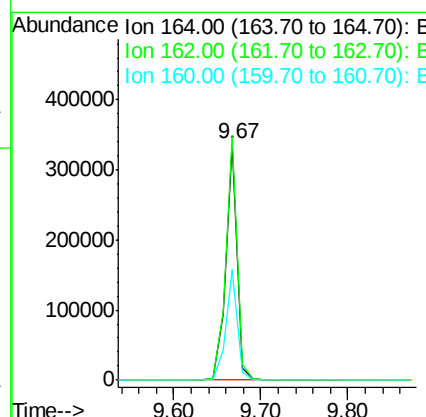
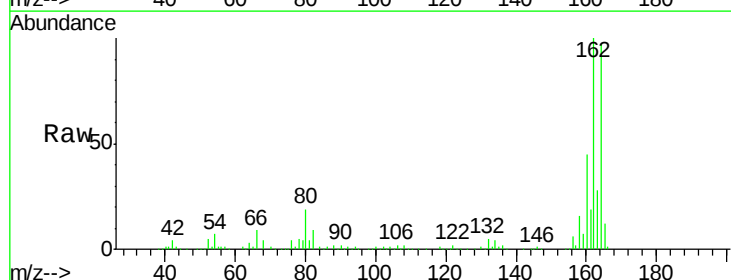
Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

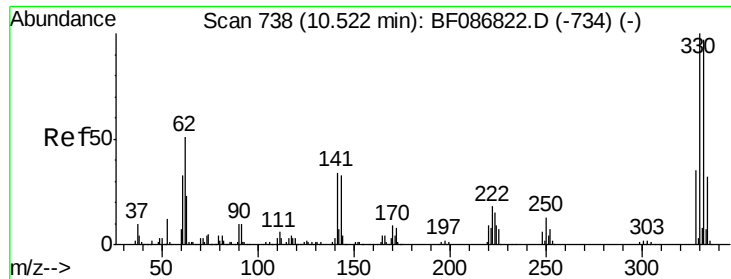
Tgt Ion: 82 Resp: 940508
 Ion Ratio Lower Upper
 82 100
 128 37.8 40.6 61.0#
 54 74.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

Tgt Ion: 164 Resp: 312912
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 46.9 36.9 55.3

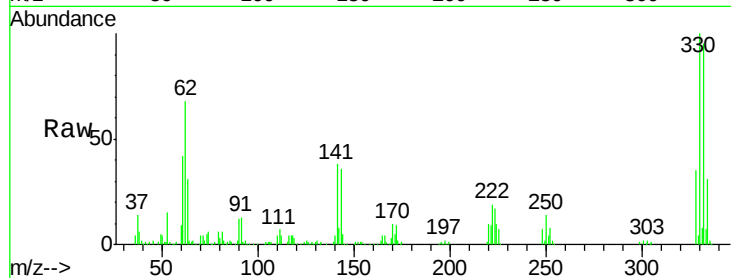




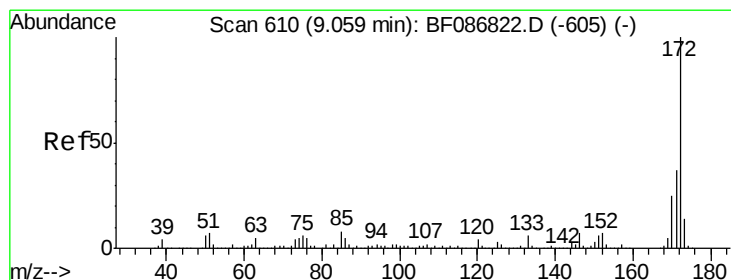
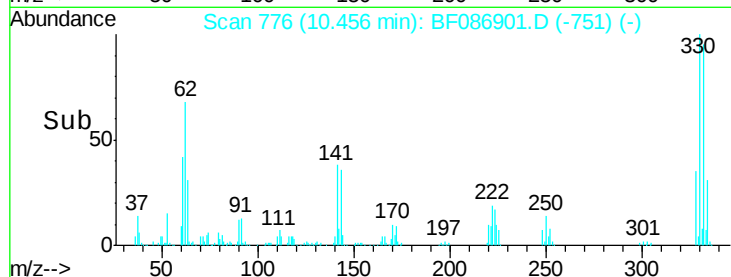
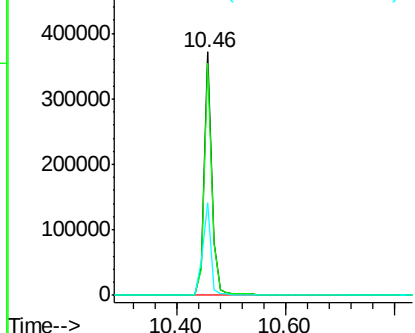
#41
 2,4,6-Tribromophenol
 Concen: 109.83 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

Instrument :
 BNA_F
 ClientSampleId :
 TP21-5-7FT

Tgt Ion:330 Resp: 363822
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 39.8 31.2 46.8

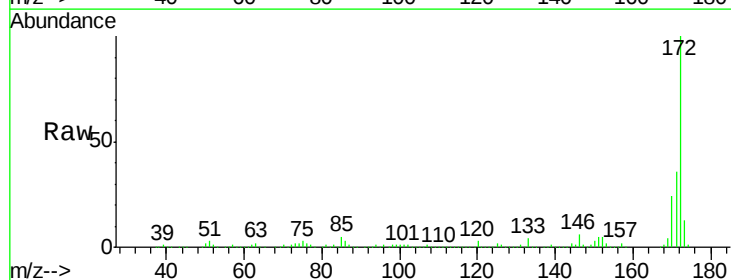


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

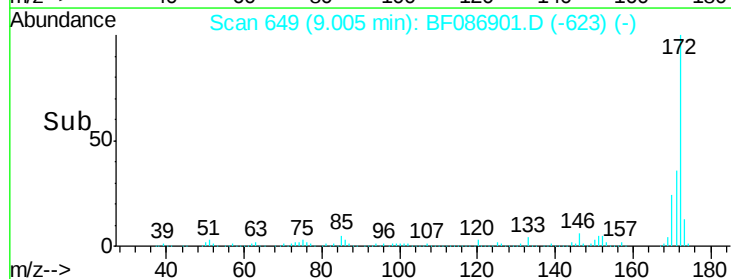
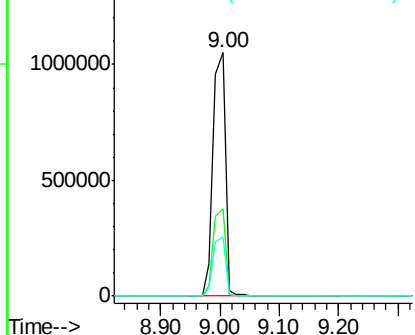


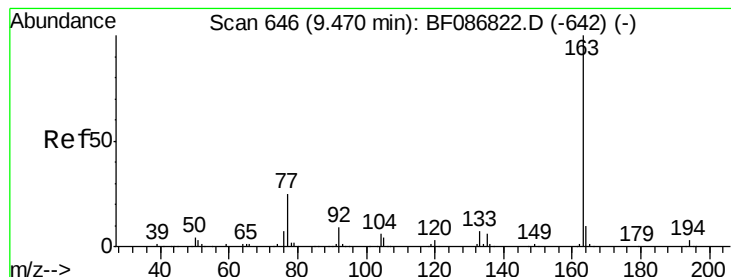
#44
 2-Fluorobiphenyl
 Concen: 81.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086901.D
 Acq: 11 May 2016 21:35

Tgt Ion:172 Resp: 1520176
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.2 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: 7.01 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

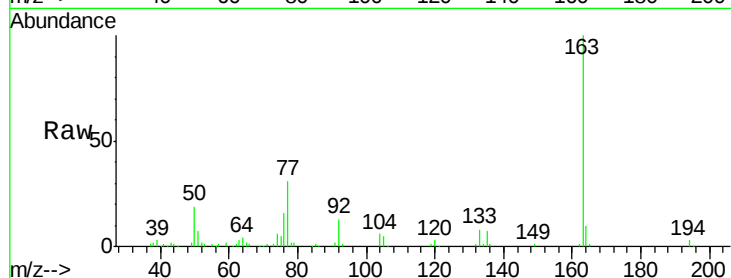
Tgt Ion:163 Resp: 167385

Ion Ratio Lower Upper

163 100

194 2.7 2.6 4.0

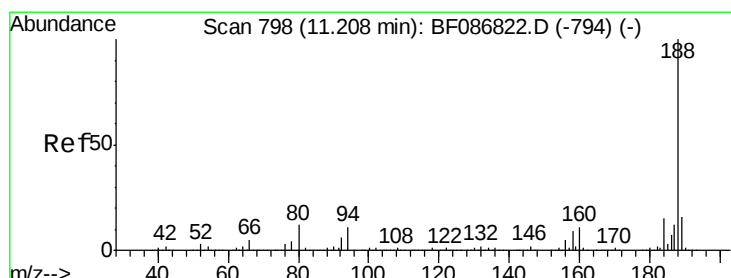
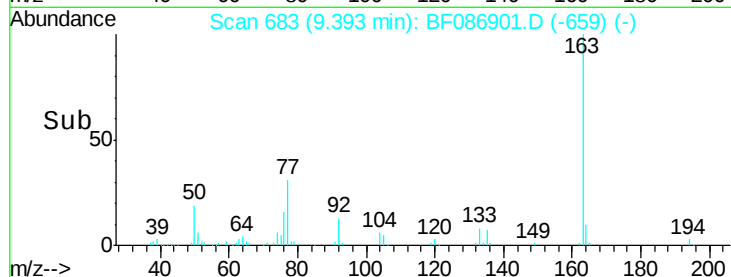
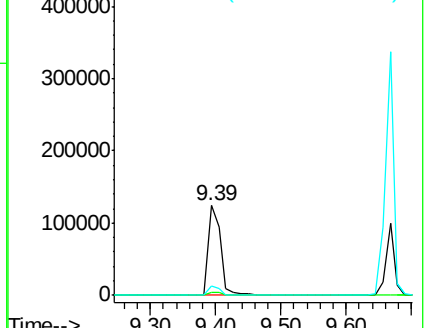
164 10.0 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

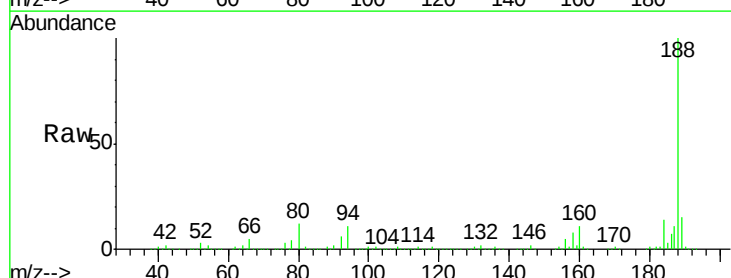
Tgt Ion:188 Resp: 565091

Ion Ratio Lower Upper

188 100

94 10.8 6.8 10.2#

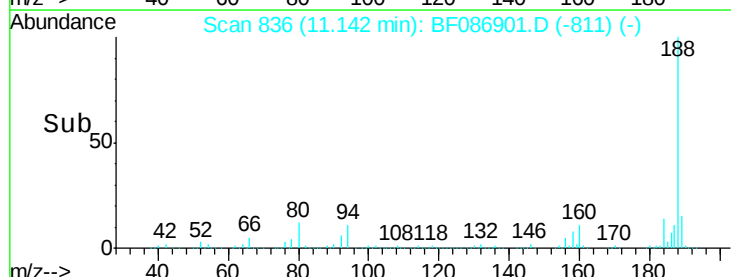
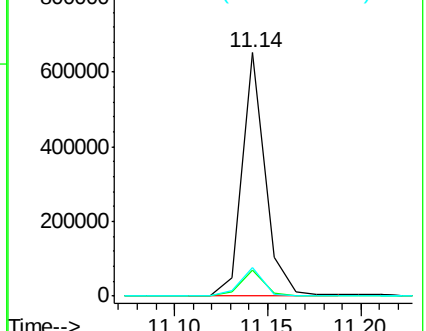
80 11.8 7.1 10.7#

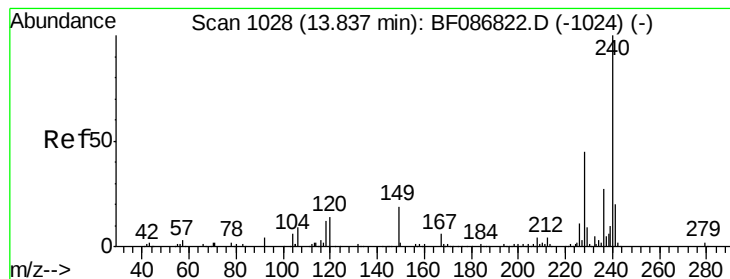


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

Instrument :

BNA_F

ClientSampleId :

TP21-5-7FT

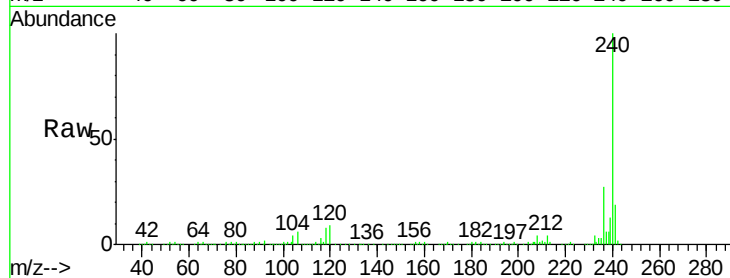
Tgt Ion:240 Resp: 484319

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

236 26.6 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

13.77

600000

500000

400000

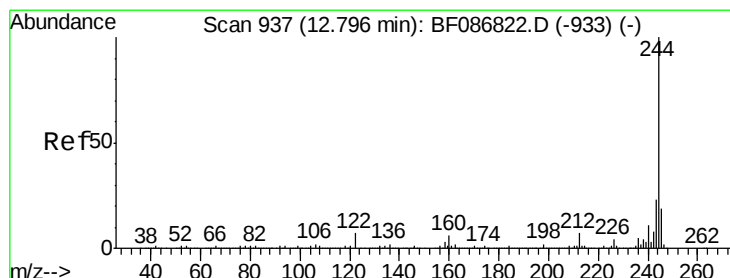
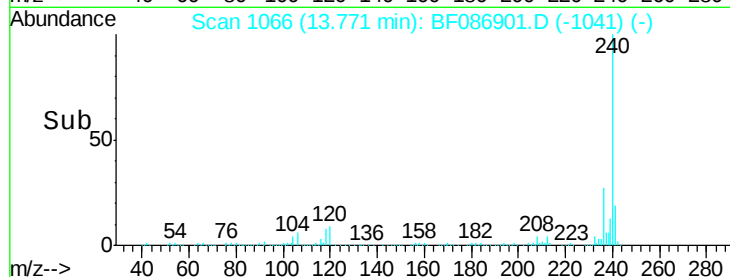
300000

200000

100000

0

Time--> 13.60 13.80 14.00



#78

Terphenyl-d14

Concen: 60.19 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086901.D

Acq: 11 May 2016 21:35

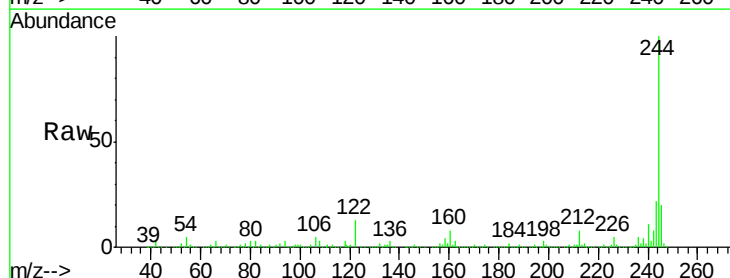
Tgt Ion:244 Resp: 1373893

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 12.6 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

12.73

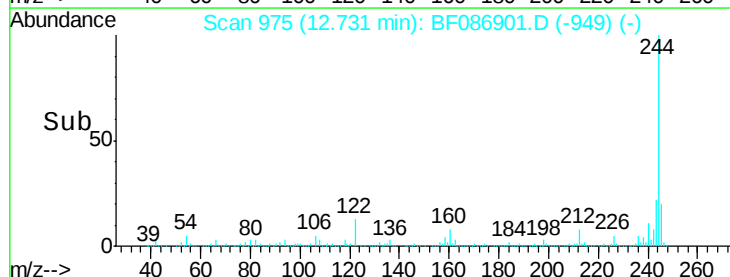
1500000

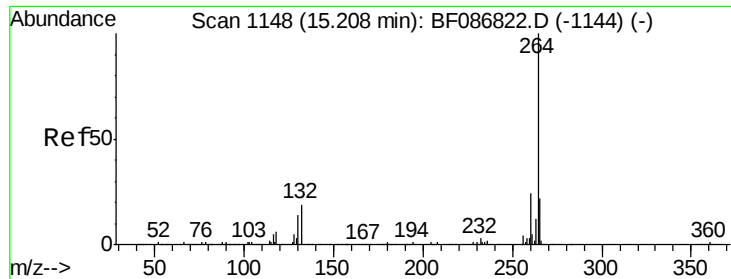
1000000

500000

0

Time--> 12.60 12.80





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF086901.D
Acq: 11 May 2016 21:35

Instrument :
BNA_F
ClientSampleId :
TP21-5-7FT

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.3	25.9

