

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086422.D
 Acq On : 27 Apr 2016 14:16
 Operator : UM/SJ
 Sample : H2715-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-FIELDBLANK-042216

Quant Time: Apr 28 13:07:53 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	114046	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	524305	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	244354	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	498275	20.00	ng	0.00
75) Chrysene-d12	13.95	240	394154	20.00	ng	-0.01
86) Perylene-d12	15.36	264	290660	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	443047	67.01	ng	0.00
7) Phenol-d6	6.43	99	400389	43.39	ng	-0.01
23) Nitrobenzene-d5	7.37	82	820636	84.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	349485	135.62	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1447430	110.07	ng	0.00
78) Terphenyl-d14	12.91	244	1394120	77.92	ng	0.00

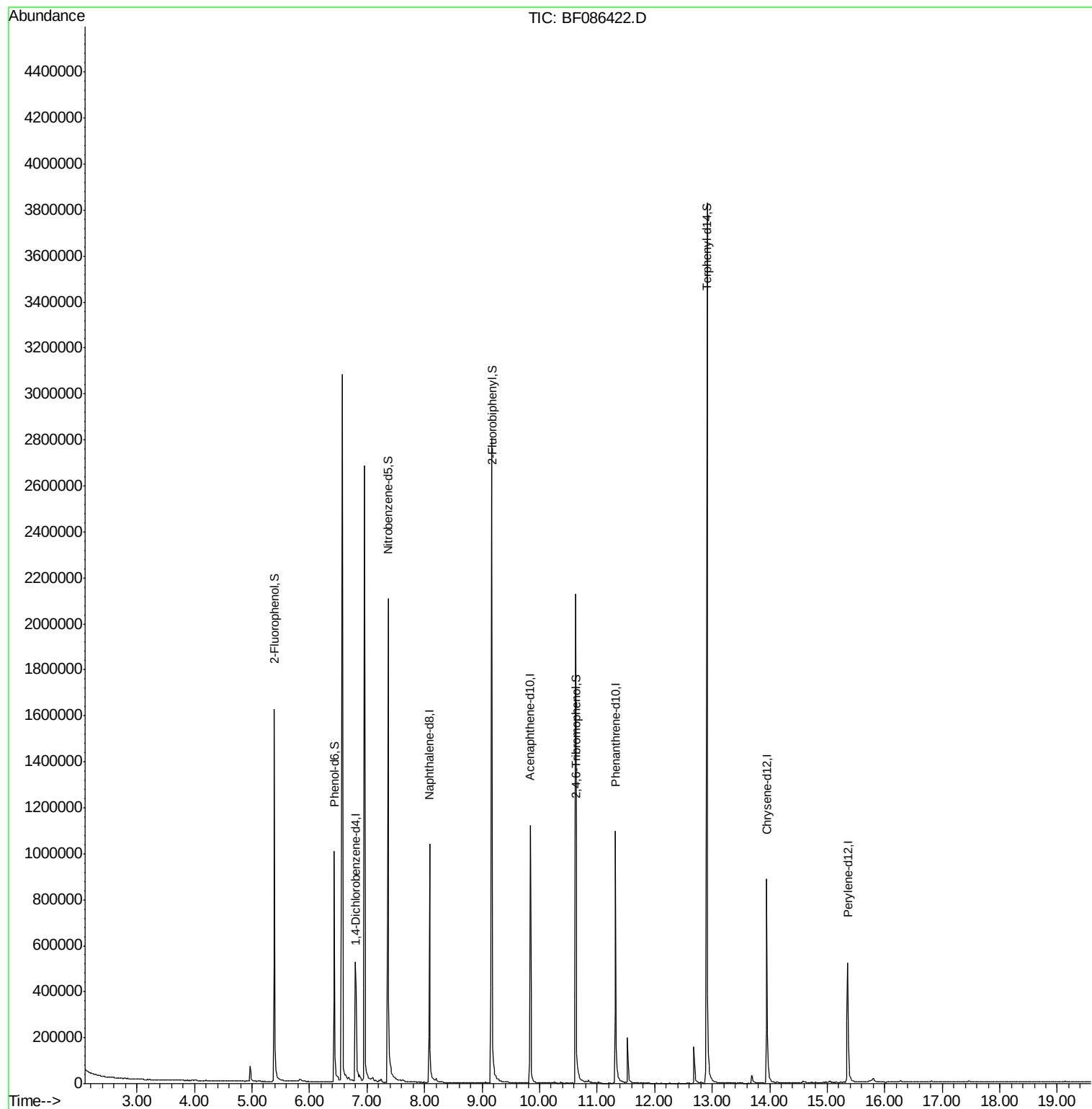
Target Compounds Qvalue

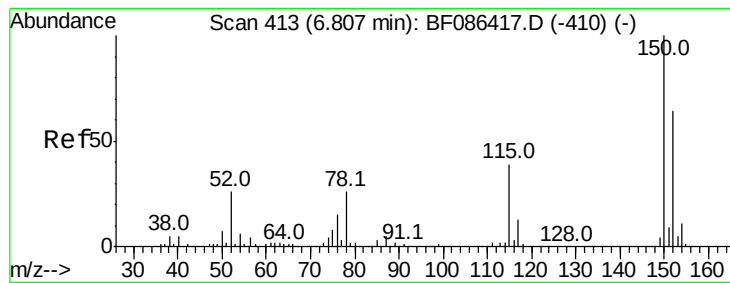
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

Instrument :

BNA_F

ClientSampleId :

26WARD-FIELDBLANK-042216

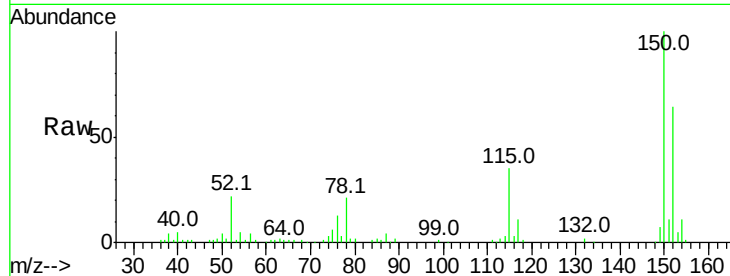
Tot Ion:152 Resp: 114046

Ion Ratio Lower Upper

152 100

150 155.3 125.8 188.6

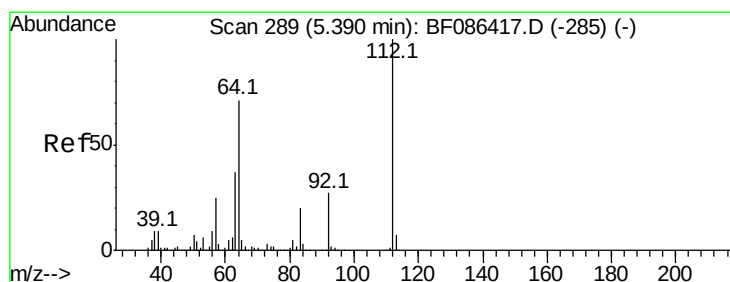
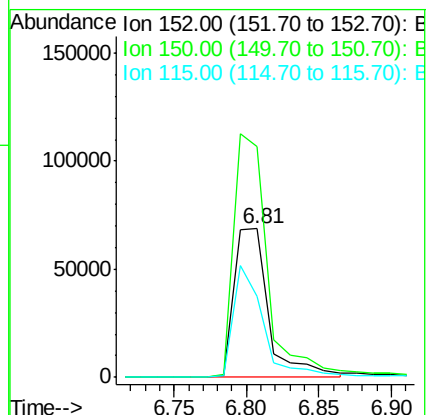
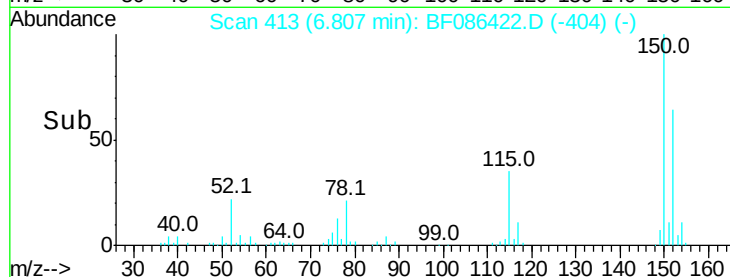
115 54.4 51.5 77.3



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: 67.01 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

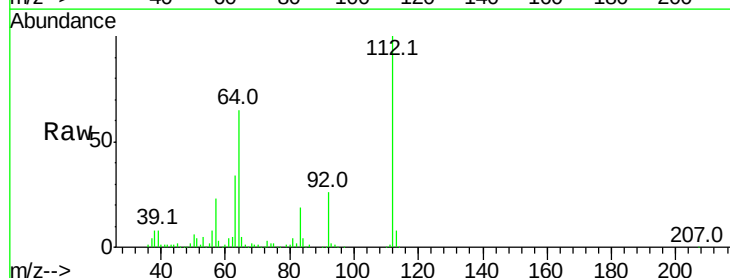
Tgt Ion:112 Resp: 443047

Ion Ratio Lower Upper

112 100

64 65.5 52.1 78.1

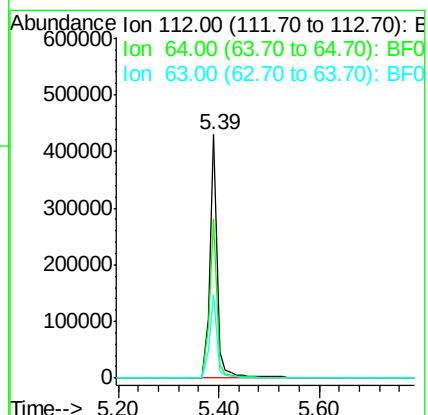
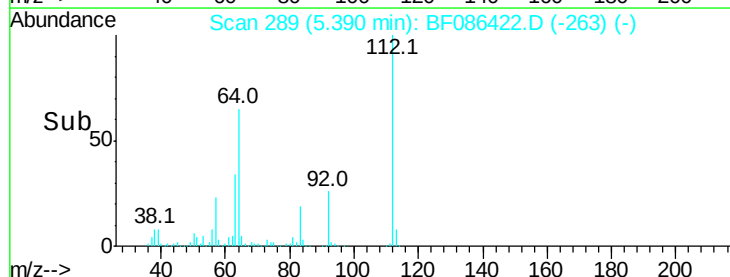
63 34.3 25.7 38.5

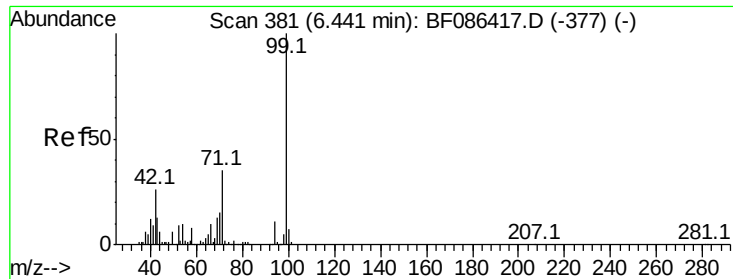


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.39 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

Instrument :

BNA_F

ClientSampleId :

26WARD-FIELDBLANK-042216

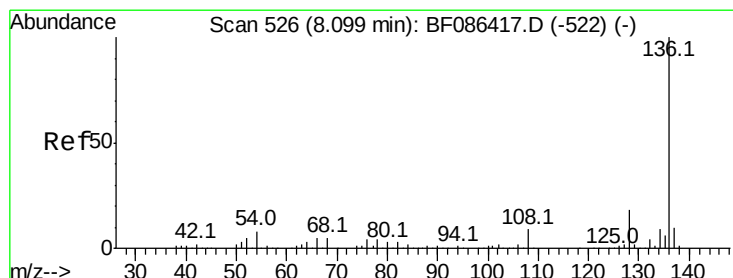
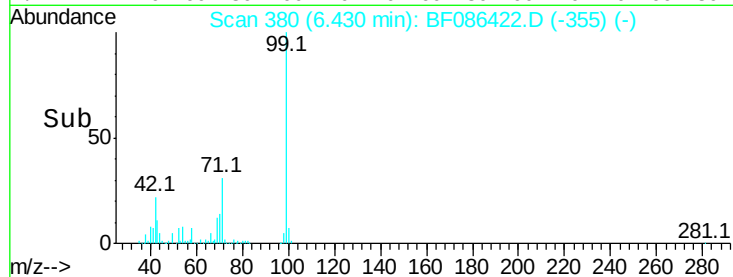
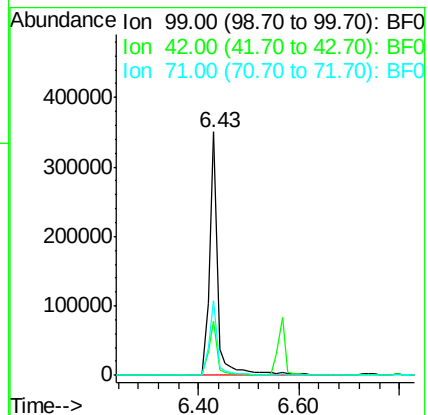
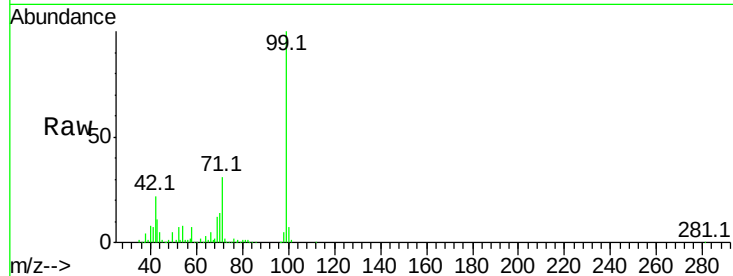
Tot Ion: 99 Resp: 400389

Ion Ratio Lower Upper

99 100

42 22.3 13.6 20.4#

71 30.9 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

Tgt Ion: 136 Resp: 524305

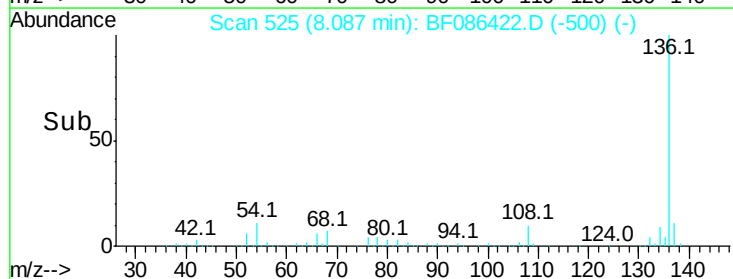
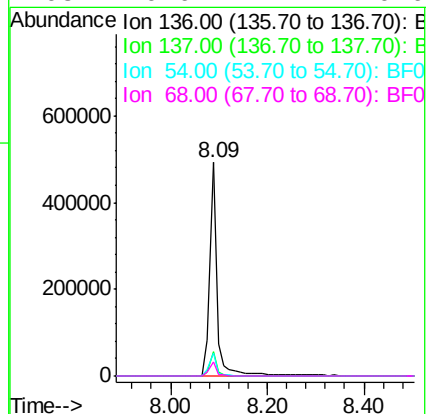
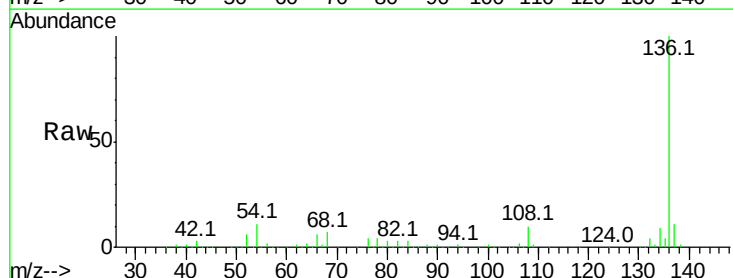
Ion Ratio Lower Upper

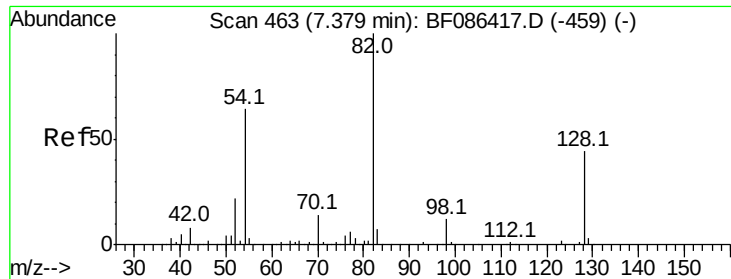
136 100

137 11.2 8.8 13.2

54 10.8 5.0 7.4#

68 6.6 4.4 6.6#

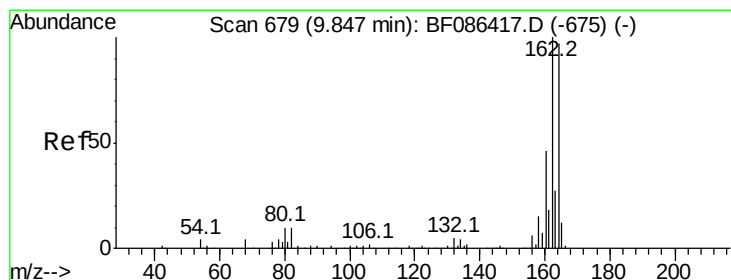
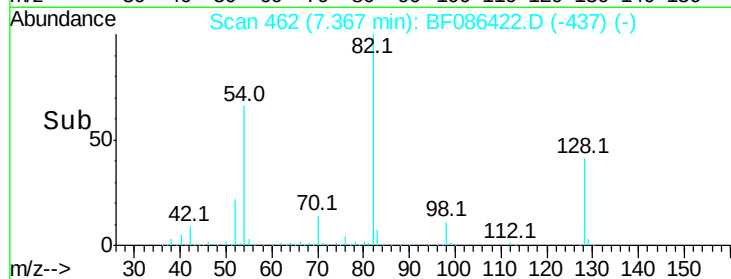
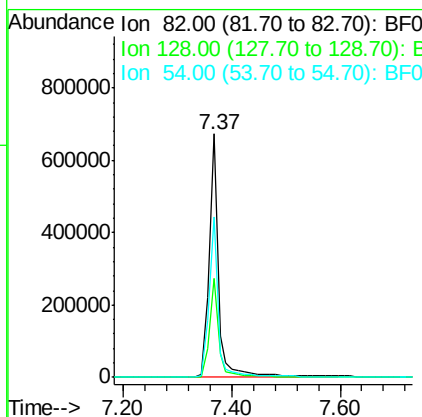
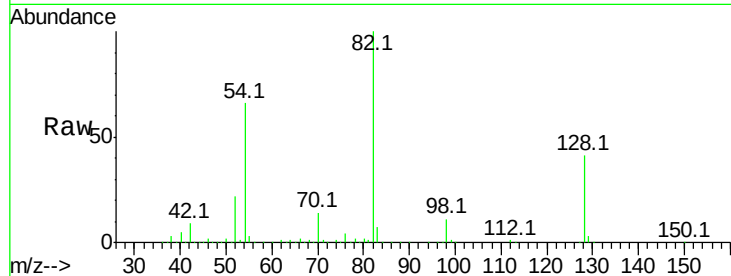




#23
 Nitrobenzene-d5
 Concen: 84.37 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF086422.D
 Acq: 27 Apr 2016 14:16

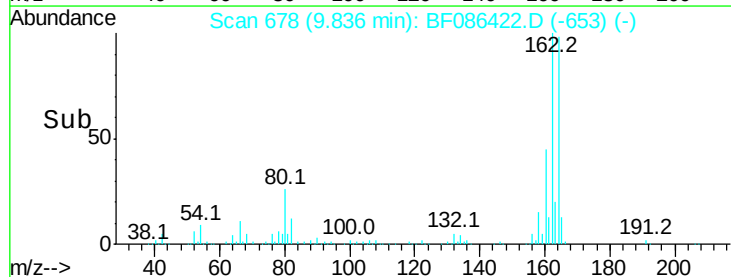
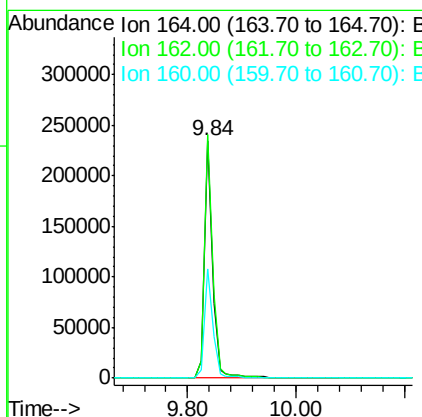
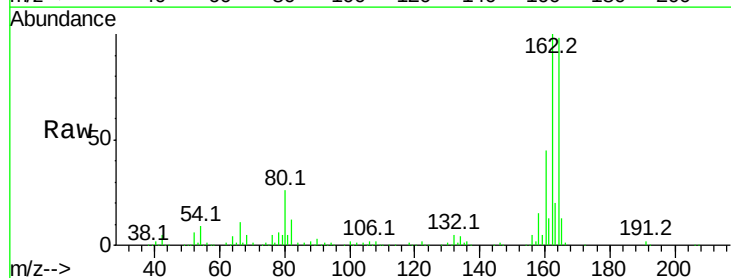
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-FIELDBLANK-042216

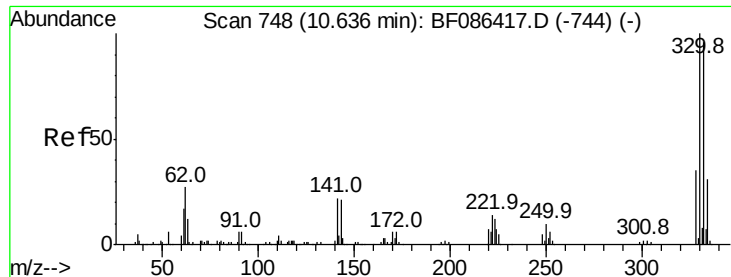
Tot Ion	82	Resp	820636
Ion Ratio	100		
Lower	40.6	40.6	61.0#
Upper	65.7	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.01 min
 Lab File: BF086422.D
 Acq: 27 Apr 2016 14:16

Tgt Ion	164	Resp	244354
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	102.4	82.8	124.2
Upper	46.0	36.9	55.3

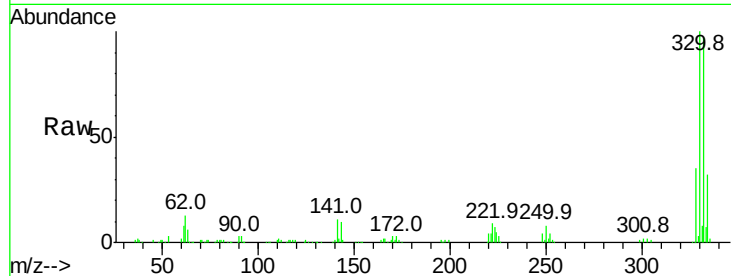




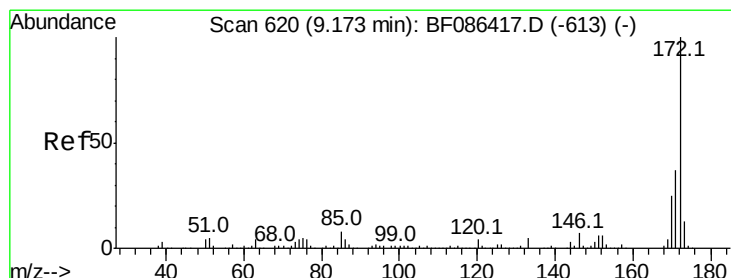
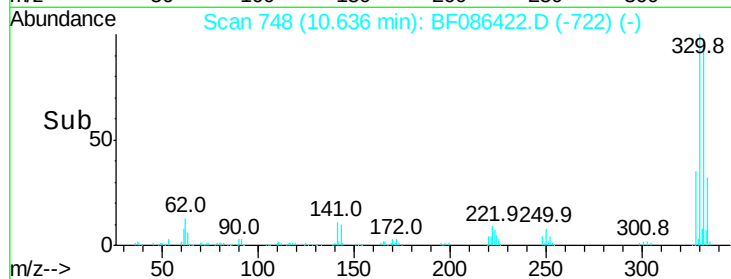
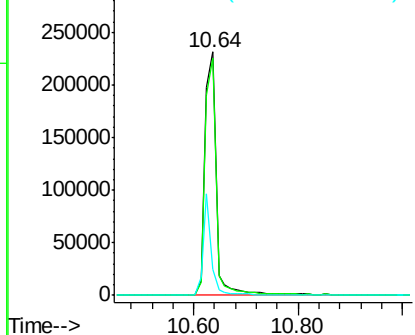
#41
 2,4,6-Tribromophenol
 Concen: 135.62 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086422.D
 Acq: 27 Apr 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-FIELDBLANK-042216

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	31.4	31.2	46.8

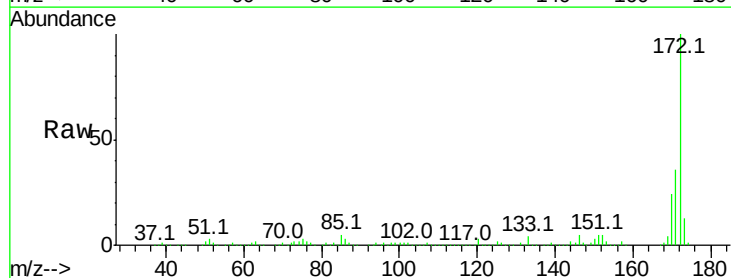


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

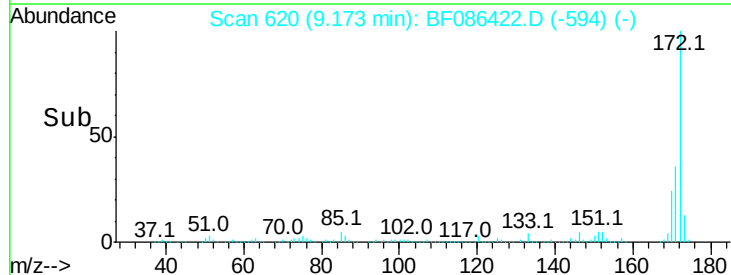
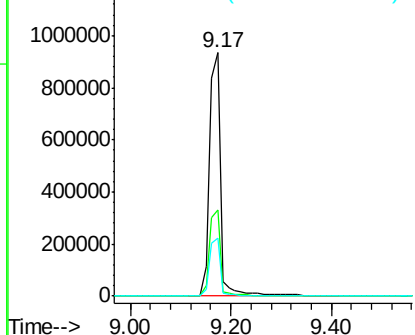


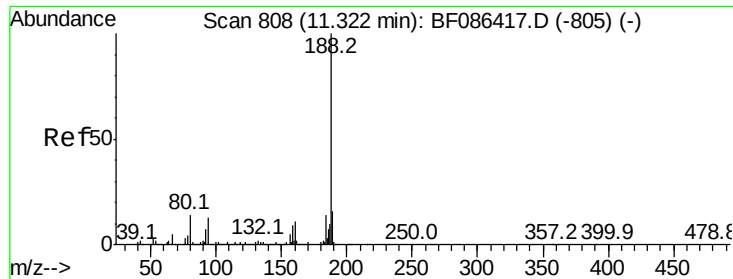
#44
 2-Fluorobiphenyl
 Concen: 110.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086422.D
 Acq: 27 Apr 2016 14:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.8	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

Instrument :

BNA_F

ClientSampleId :

26WARD-FIELDBLANK-042216

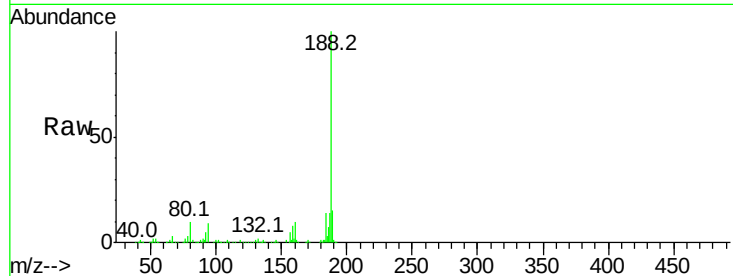
Tot Ion:188 Resp: 498275

Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

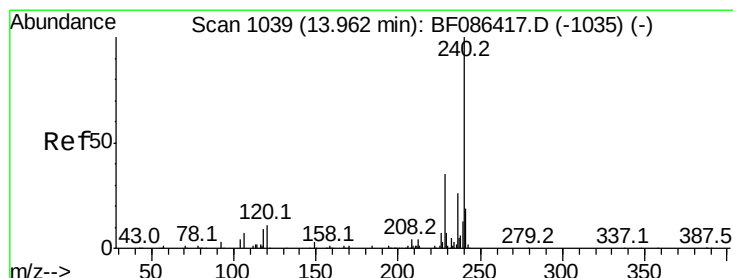
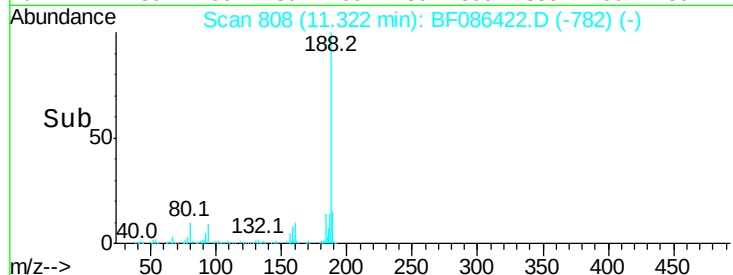
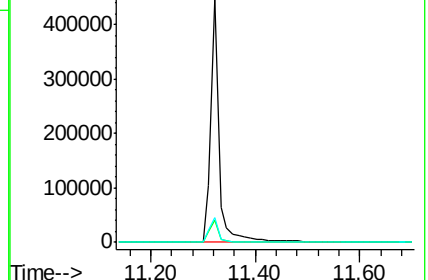
80 9.9 7.1 10.7



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

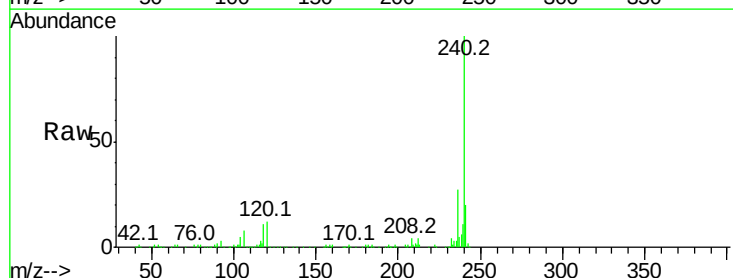
Tgt Ion:240 Resp: 394154

Ion Ratio Lower Upper

240 100

120 12.0 11.2 16.8

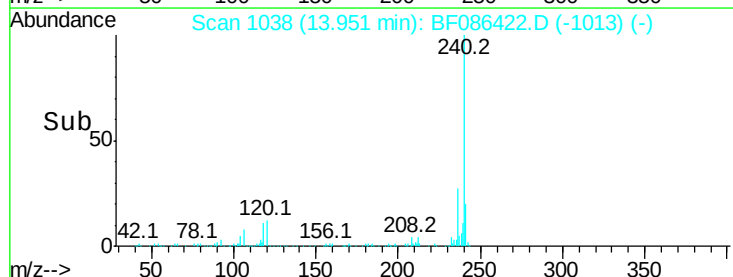
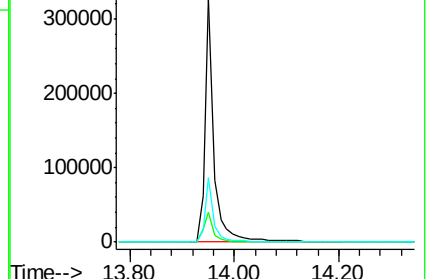
236 26.5 21.2 31.8

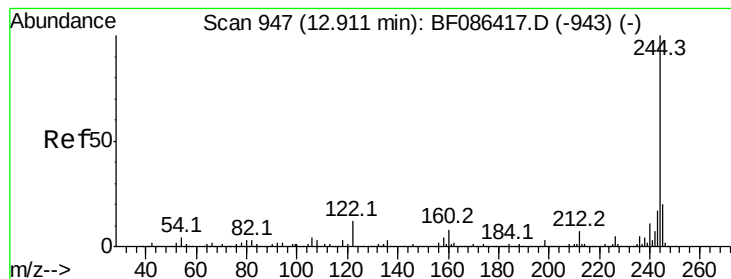


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 77.92 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

Instrument :

BNA_F

ClientSampleId :

26WARD-FIELDBLANK-042216

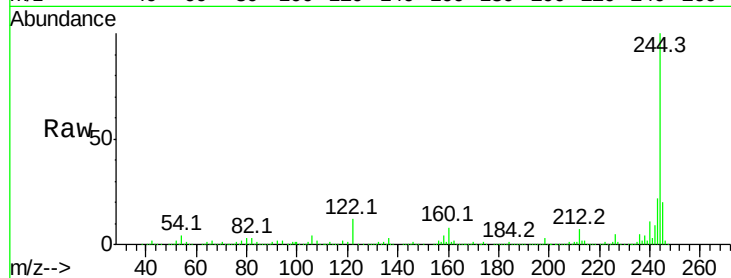
Tot Ion:244 Resp: 1394120

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

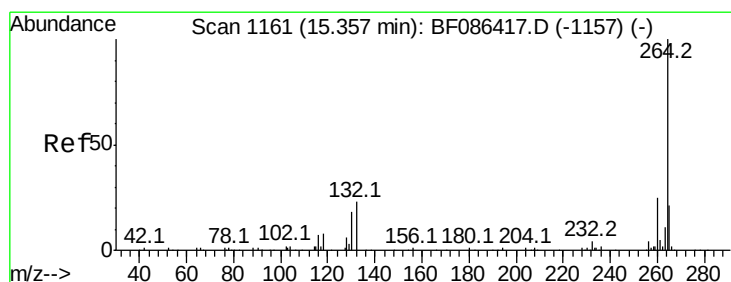
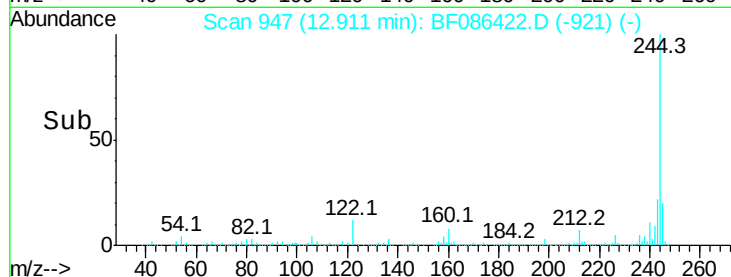
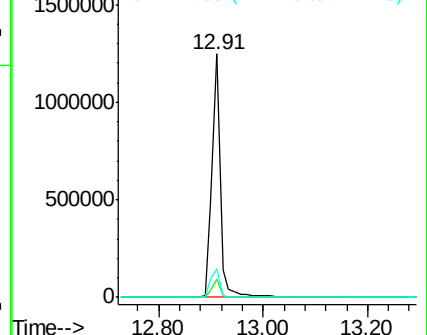
122 11.7 12.0 18.0#



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: 15.36 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF086422.D

Acq: 27 Apr 2016 14:16

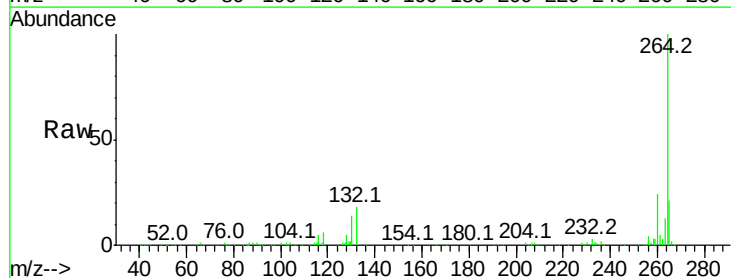
Tgt Ion:264 Resp: 290660

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 20.8 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

