

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086792.D
 Acq On : 7 May 2016 23:57
 Operator : UM/SJ
 Sample : H2882-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

Quant Time: May 08 04:06:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 23:59:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	171758	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	692126	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	325646	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	605235	40.00	ng	0.00
75) Chrysene-d12	13.85	240	392020	40.00	ng	0.00
86) Perylene-d12	15.22	264	308455	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	612816	59.07	ng	0.01
7) Phenol-d6	6.36	99	494661	35.39	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1234660	91.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	472699	148.39	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1965822	98.95	ng	0.00
78) Terphenyl-d14	12.81	244	1653354	85.24	ng	0.00

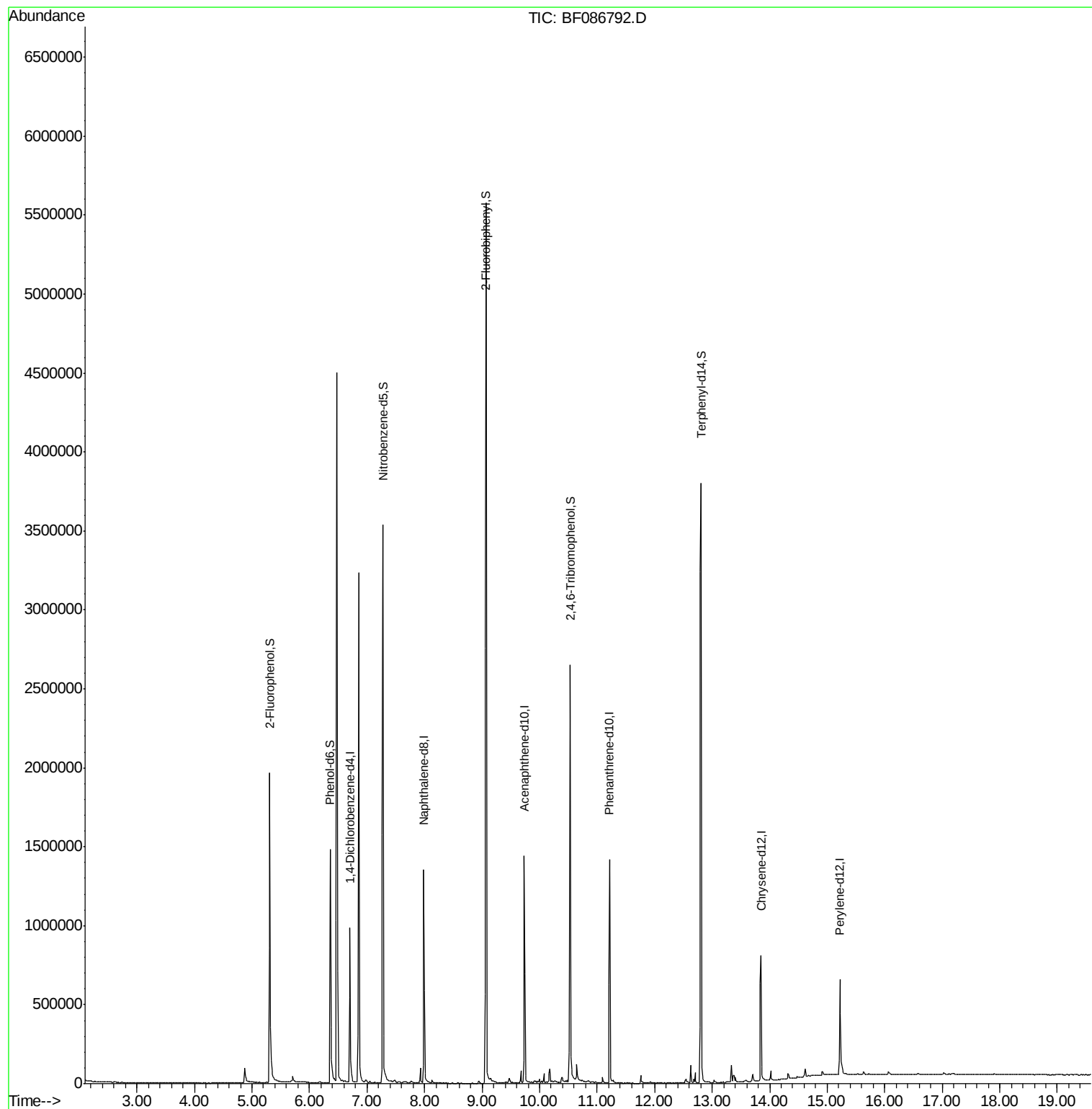
Target Compounds	Qvalue
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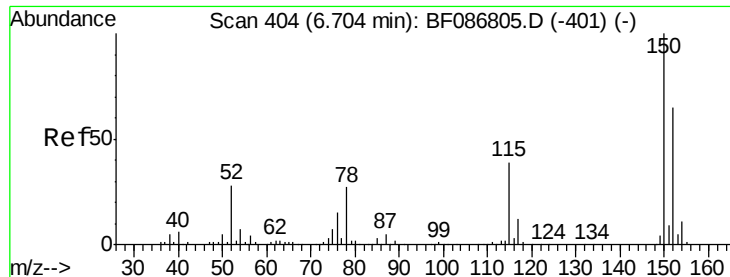
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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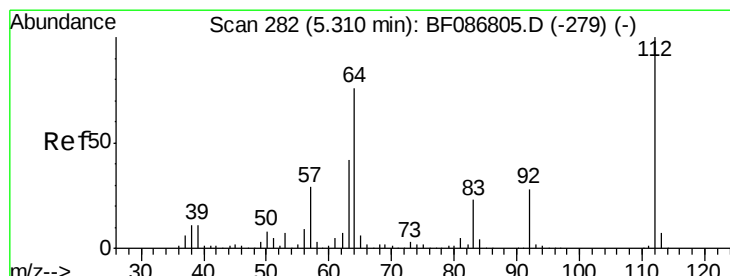
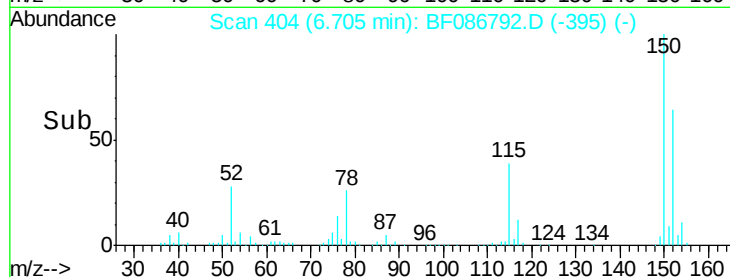
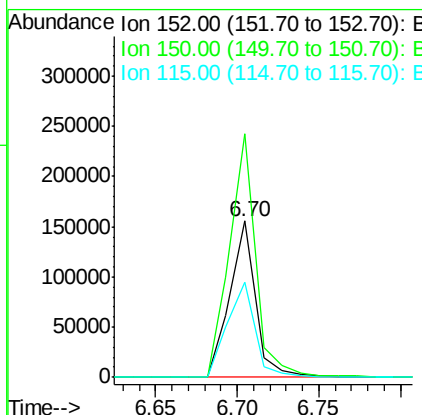
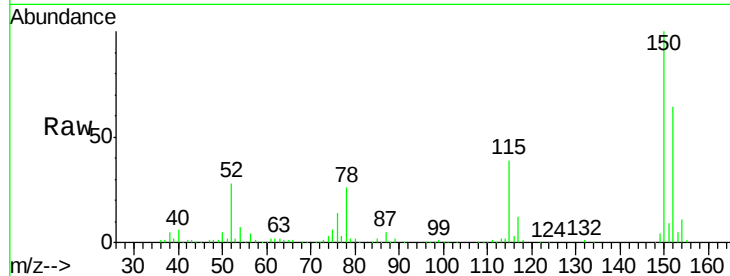


#1

1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Instrument :
BNA_F
ClientSampleId :
A3-SEEP

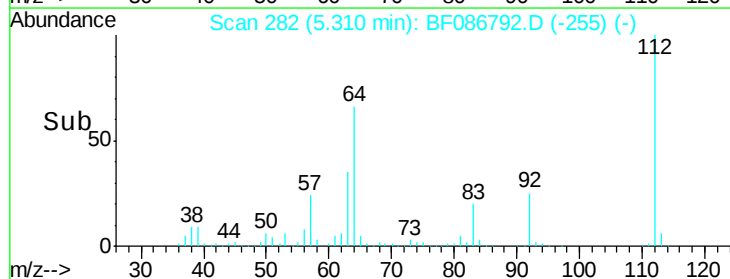
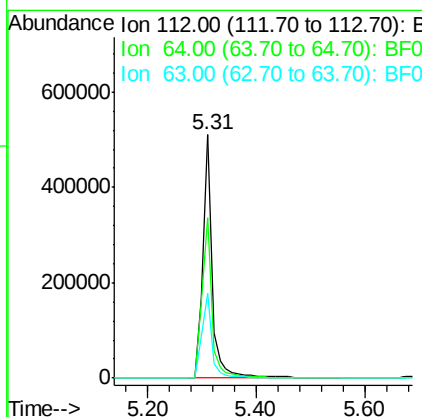
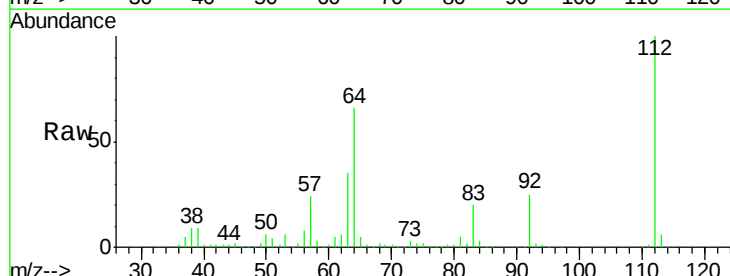
Tgt Ion:152 Resp: 171758
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 61.1 51.5 77.3

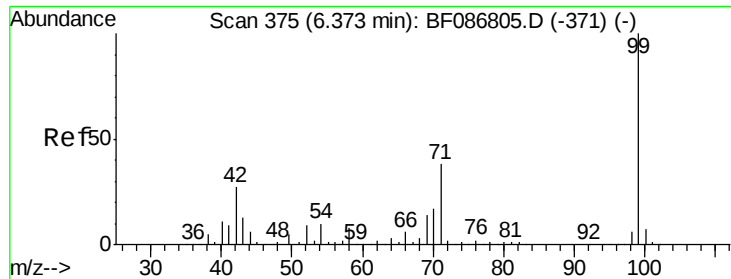


#5

2-Fluorophenol
Concen: 59.07 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Tgt Ion:112 Resp: 612816
Ion Ratio Lower Upper
112 100
64 65.7 52.1 78.1
63 34.7 25.7 38.5





#7

Phenol-d6

Concen: 35.39 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

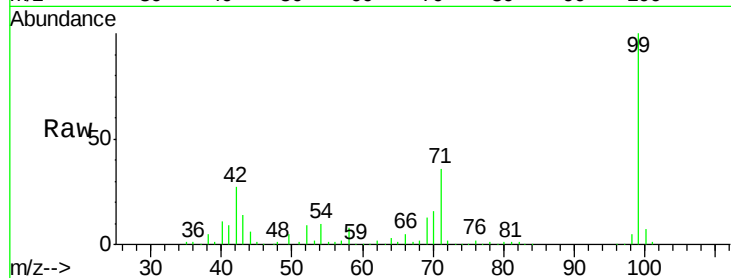
Tgt Ion: 99 Resp: 494661

Ion Ratio Lower Upper

99 100

42 27.4 13.6 20.4#

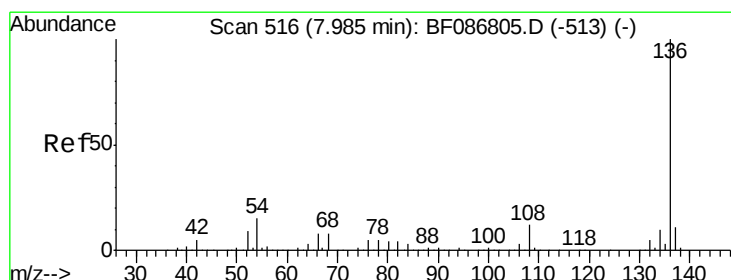
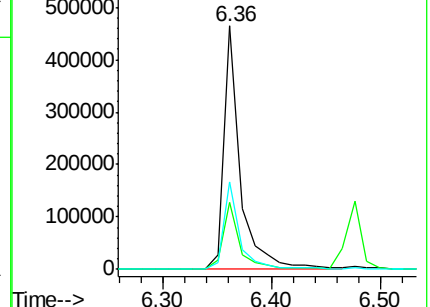
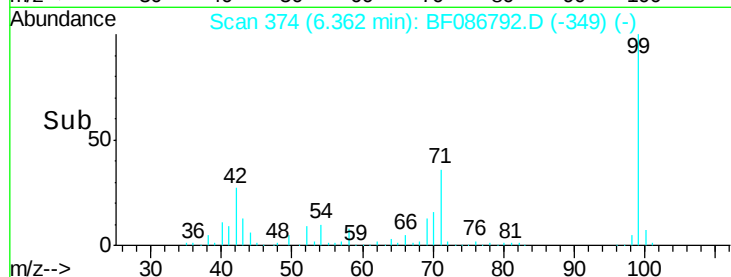
71 36.0 24.6 36.8



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



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Tgt Ion: 136 Resp: 692126

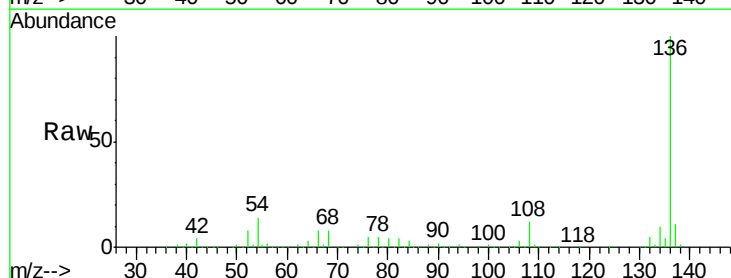
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.1 5.0 7.4#

68 7.8 4.4 6.6#

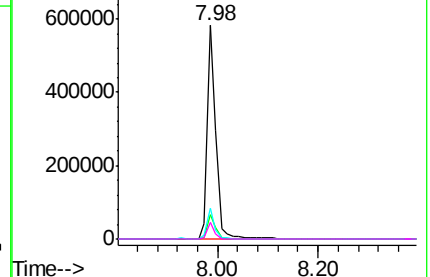
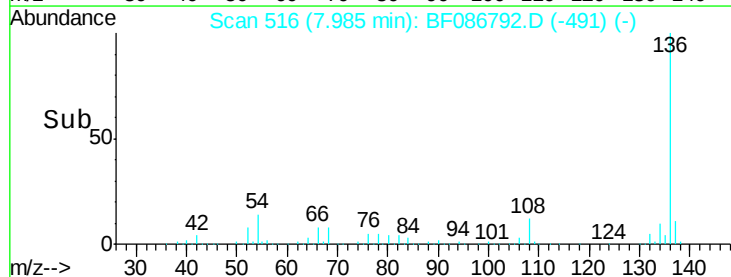


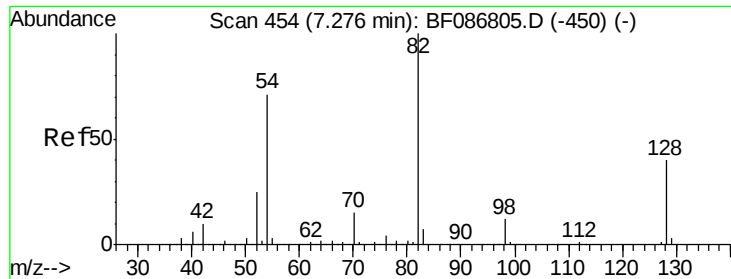
Abundance Ion 136.00 (135.70 to 136.70): E

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

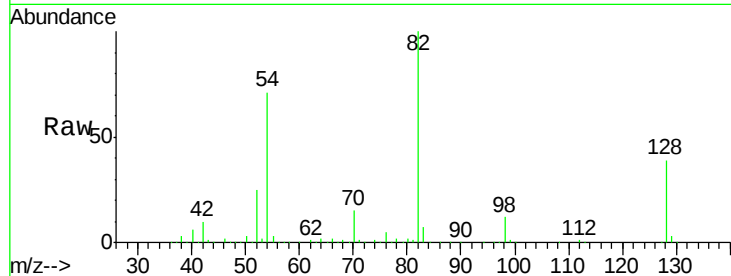




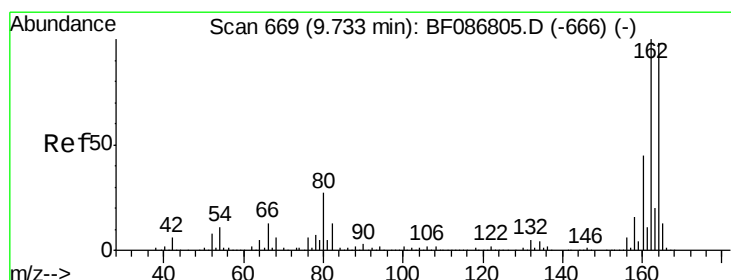
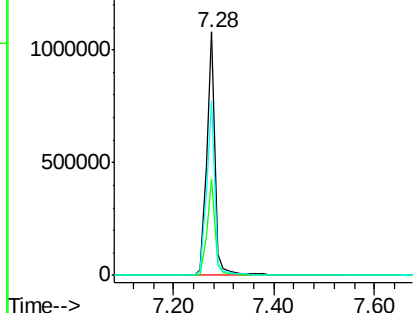
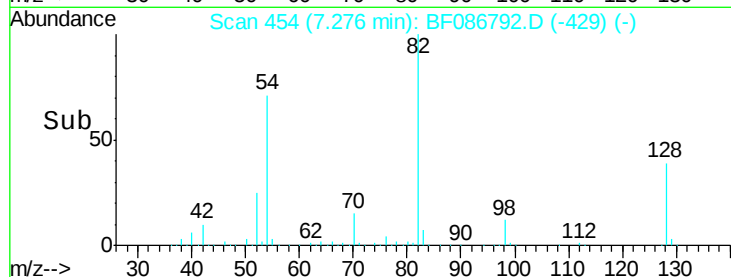
#23
 Nitrobenzene-d5
 Concen: 91.67 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

Tgt Ion: 82 Resp: 1234660
 Ion Ratio Lower Upper
 82 100
 128 39.4 40.6 61.0#
 54 71.4 38.1 57.1#

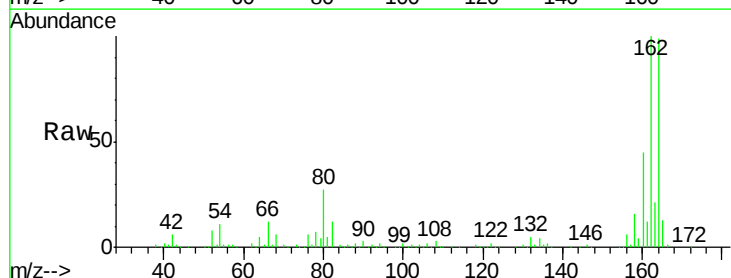


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

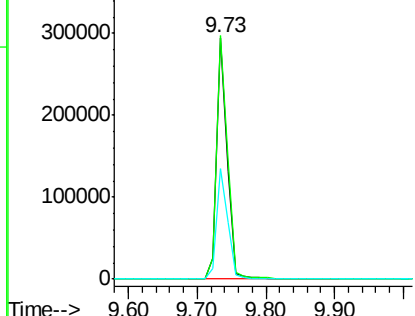
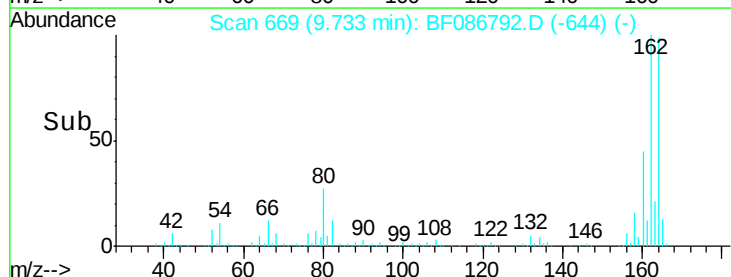


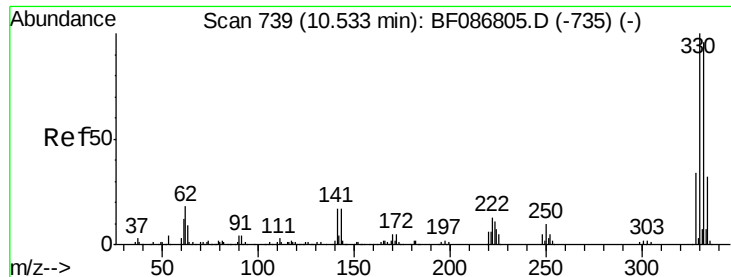
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Tgt Ion: 164 Resp: 325646
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.8 124.2
 160 45.7 36.9 55.3



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

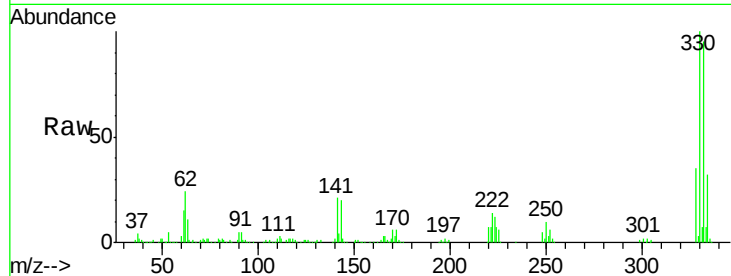




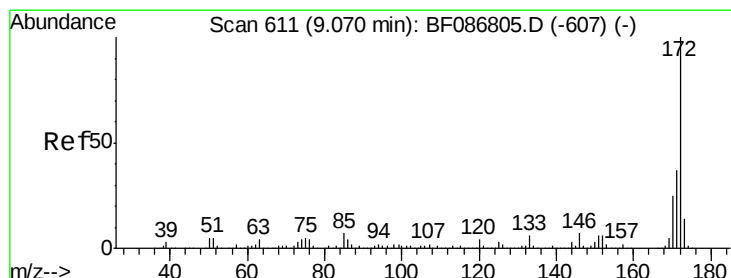
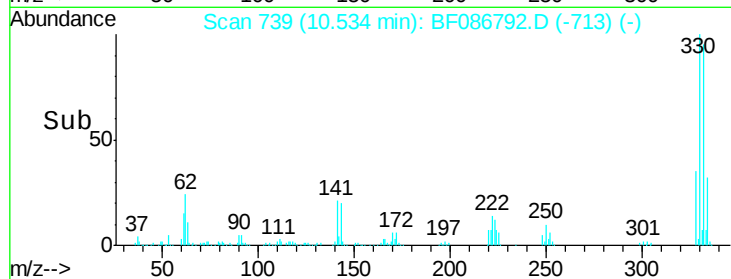
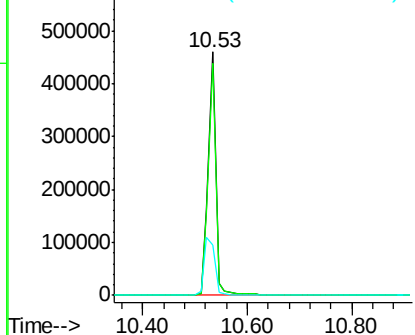
#41
 2,4,6-Tribromophenol
 Concen: 148.39 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Instrument :
 BNA_F
 ClientSampleId :
 A3-SEEP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	79.0	118.4
141	33.6	31.2	46.8

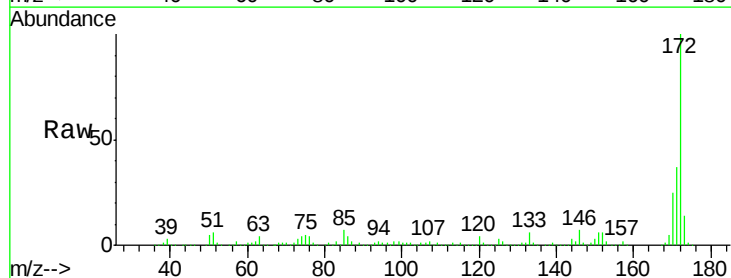


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

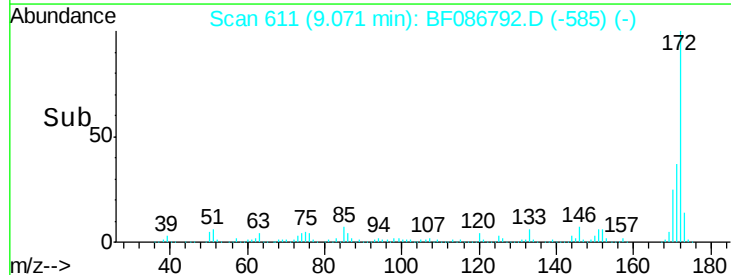
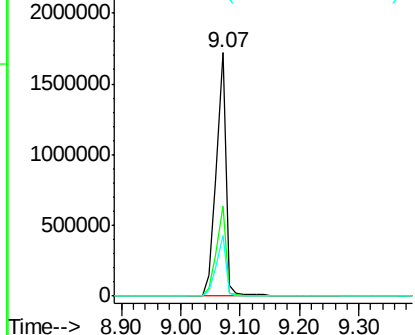


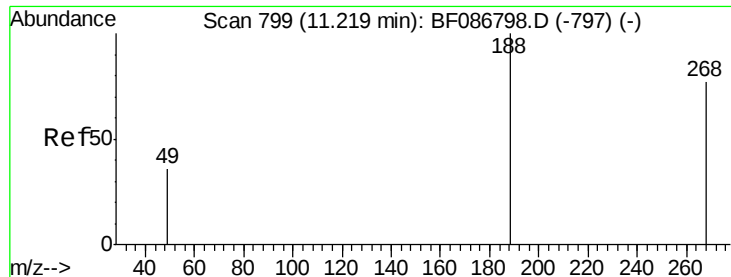
#44
 2-Fluorobiphenyl
 Concen: 98.95 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF086792.D
 Acq: 7 May 2016 23:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.0	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

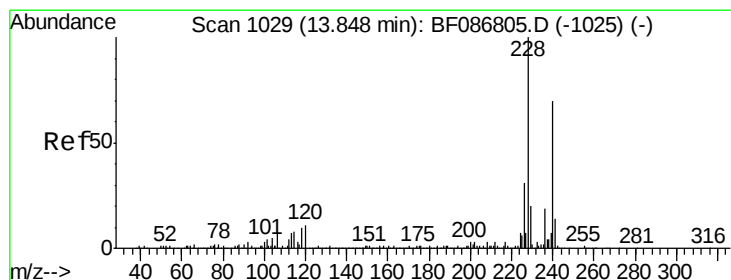
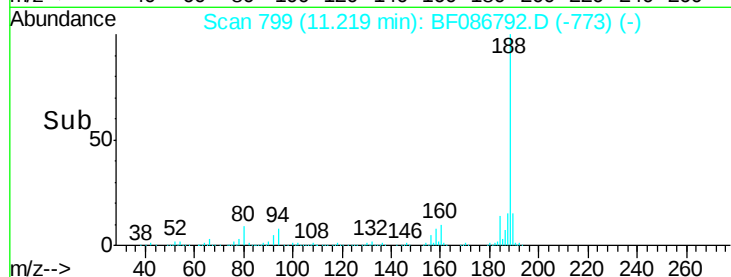
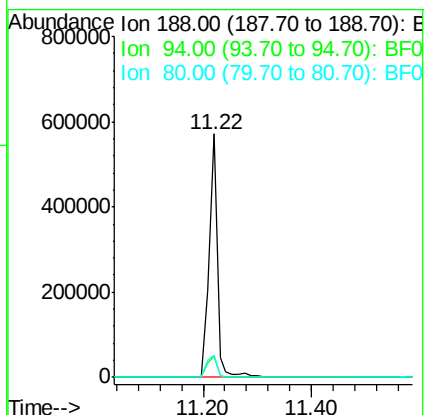
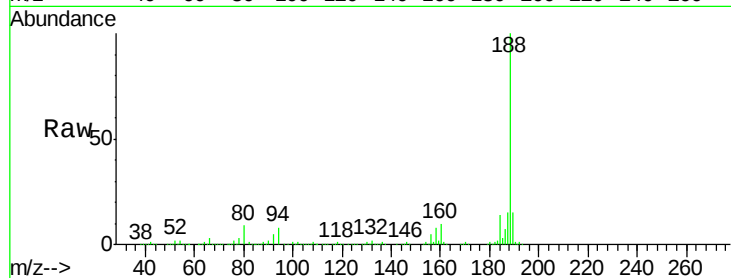




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

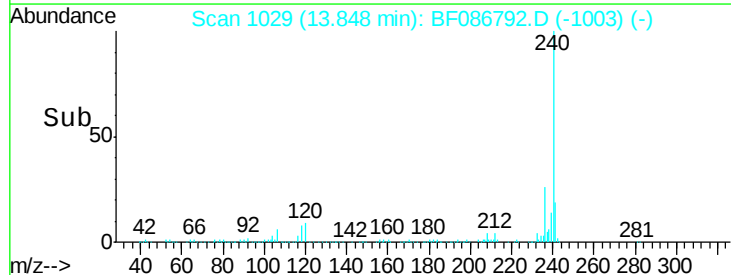
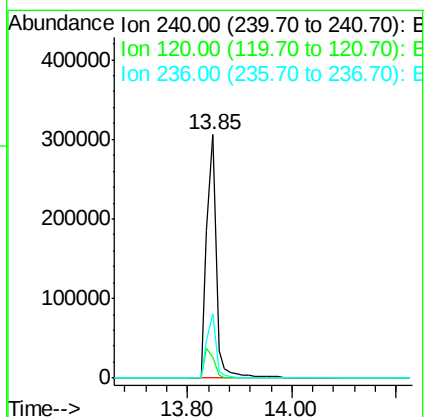
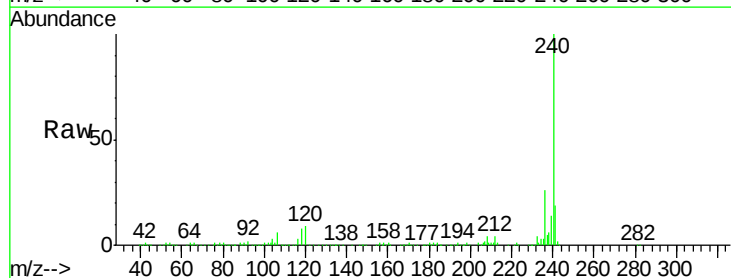
Instrument :
BNA_F
ClientSampleId :
A3-SEEP

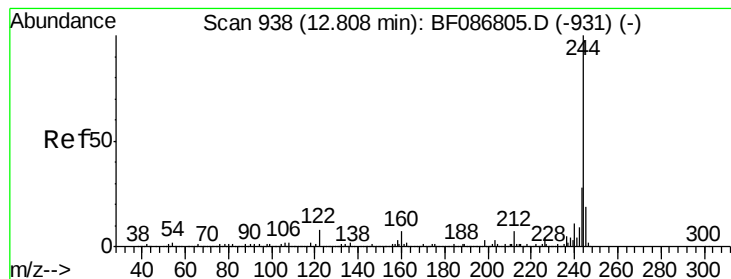
Tgt Ion:188 Resp: 605235
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.9 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF086792.D
Acq: 7 May 2016 23:57

Tgt Ion:240 Resp: 392020
Ion Ratio Lower Upper
240 100
120 8.7 11.2 16.8#
236 26.5 21.2 31.8





#78

Terphenyl-d14

Concen: 85.24 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

Instrument :

BNA_F

ClientSampleId :

A3-SEEP

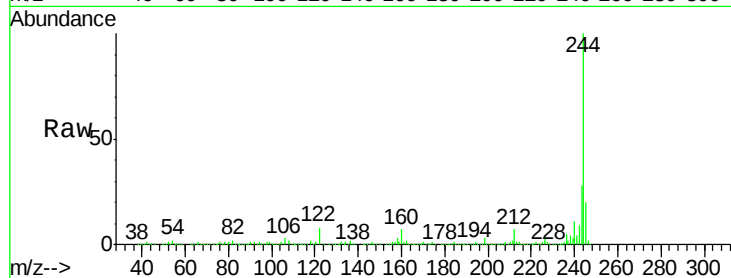
Tgt Ion:244 Resp: 1653354

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

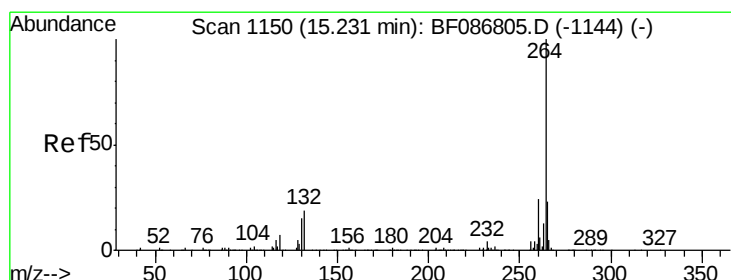
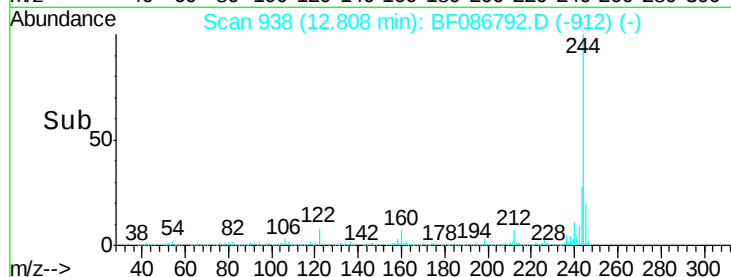
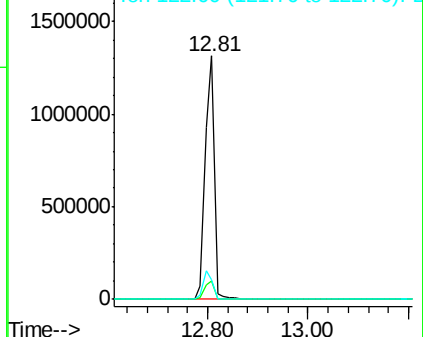
122 8.1 12.0 18.0#



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: 40.00 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF086792.D

Acq: 7 May 2016 23:57

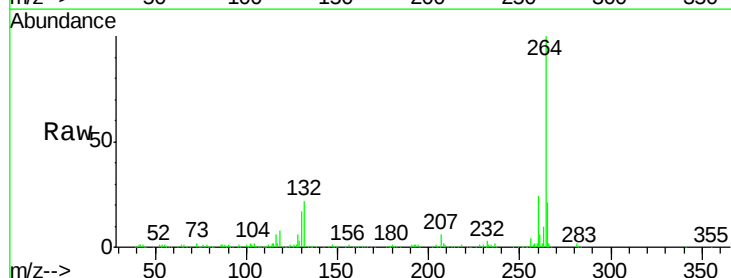
Tgt Ion:264 Resp: 308455

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.3 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

