

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086745.D
 Acq On : 7 May 2016 1:21
 Operator : UM/SJ
 Sample : H2770-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Quant Time: May 07 04:21:49 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 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169419	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	688287	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	310698	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	489655	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	353880	40.00	ng	-0.01
86) Perylene-d12	15.23	264	289512	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	722618	70.61	ng	-0.01
7) Phenol-d6	6.36	99	625538	45.38	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1194997	89.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	396564	130.48	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1762352	92.98	ng	-0.01
78) Terphenyl-d14	12.81	244	1322491	75.53	ng	0.00

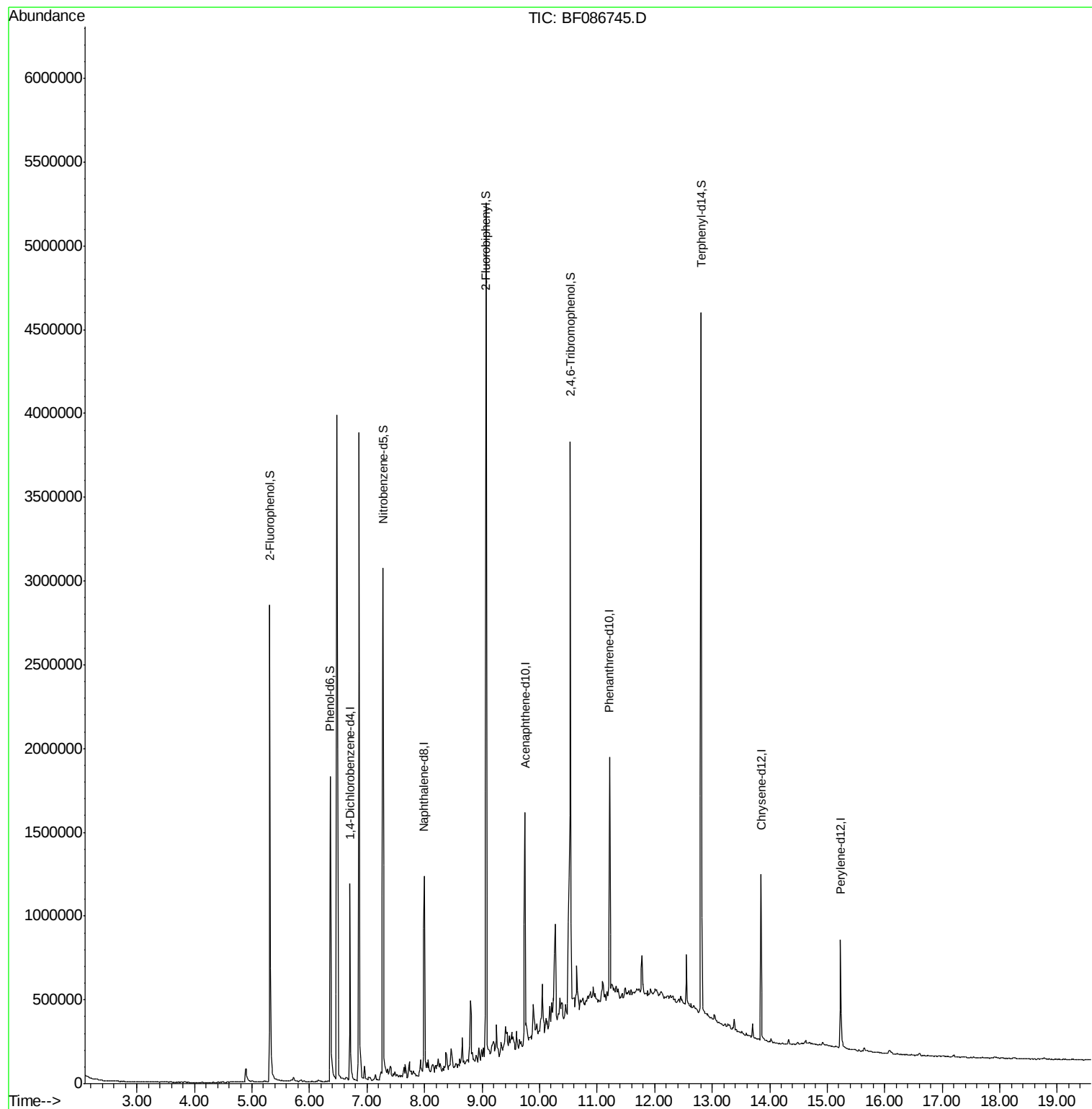
Target Compounds	Qvalue
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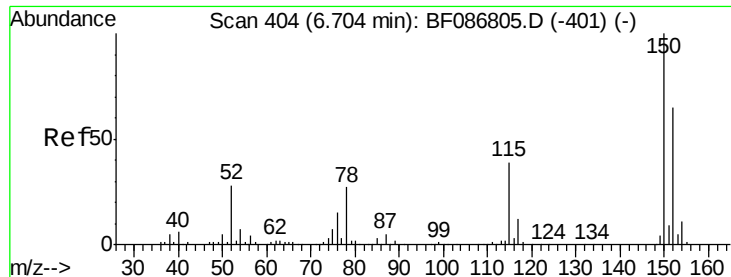
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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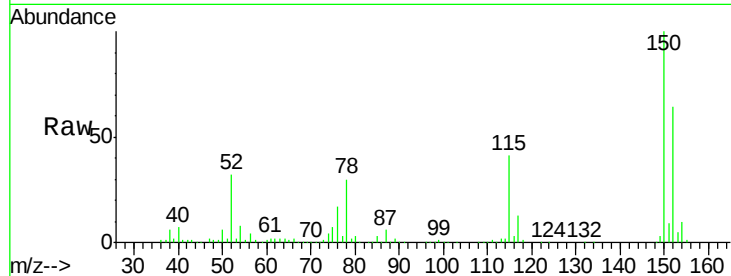


#1

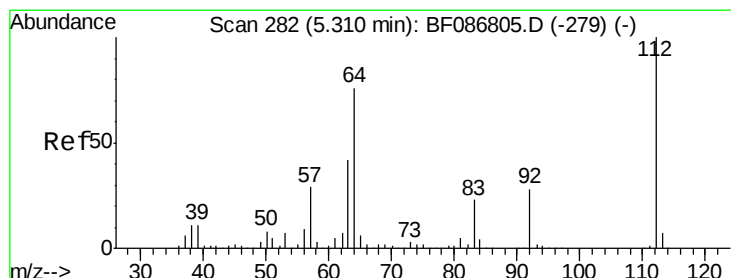
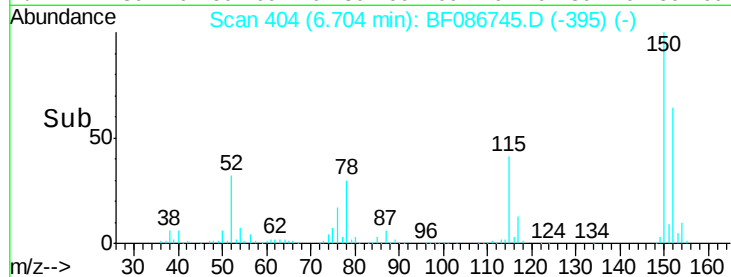
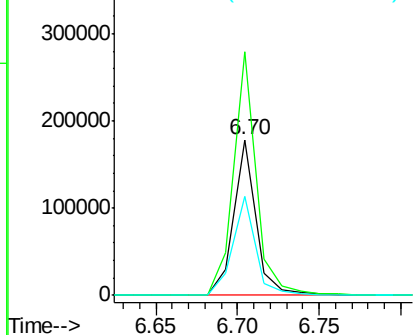
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086745.D
Acq: 7 May 2016 1:21

Instrument :
BNA_F
ClientSampleId :
MW18

Tgt Ion:152 Resp: 169419
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 63.4 51.5 77.3



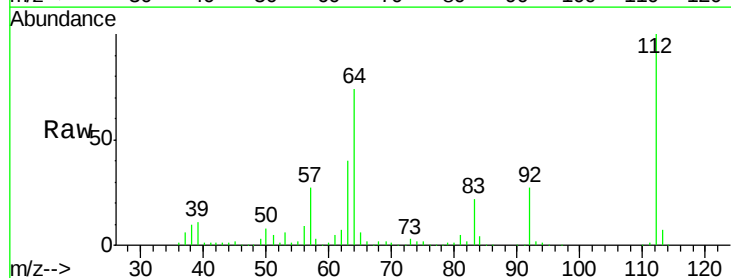
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



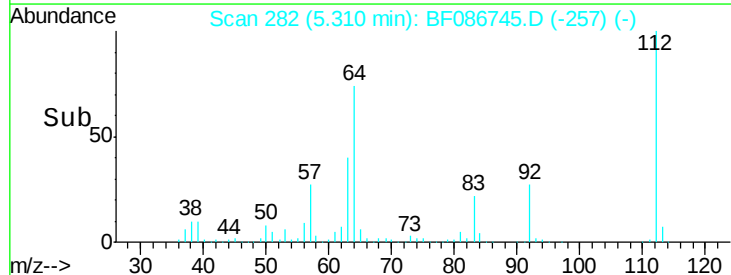
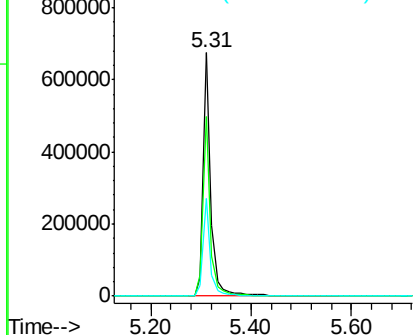
#5

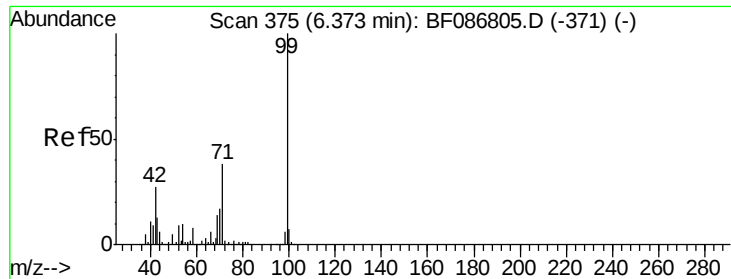
2-Fluorophenol
Concen: 70.61 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086745.D
Acq: 7 May 2016 1:21

Tgt Ion:112 Resp: 722618
Ion Ratio Lower Upper
112 100
64 73.6 52.1 78.1
63 40.2 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: 45.38 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086745.D

Acq: 7 May 2016 1:21

Instrument :

BNA_F

ClientSampleId :

MW18

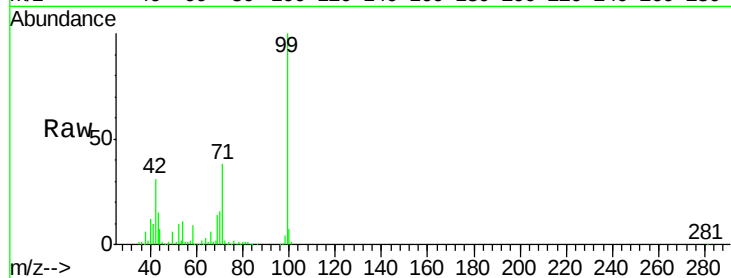
Tgt Ion: 99 Resp: 625538

Ion Ratio Lower Upper

99 100

42 30.9 13.6 20.4#

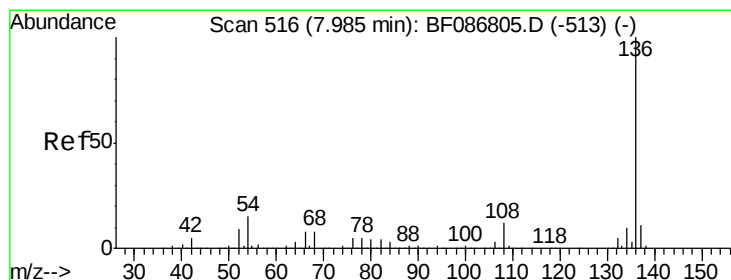
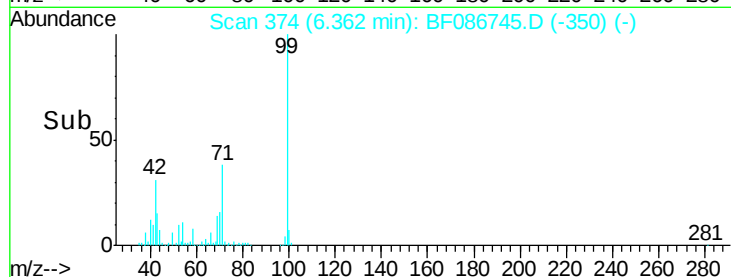
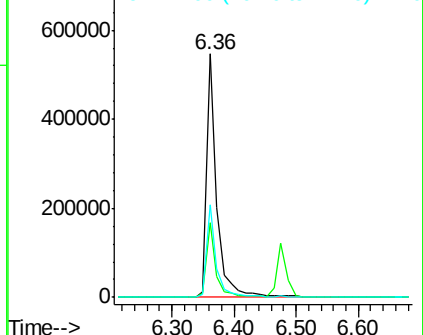
71 38.1 24.6 36.8#



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: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086745.D

Acq: 7 May 2016 1:21

Tgt Ion: 136 Resp: 688287

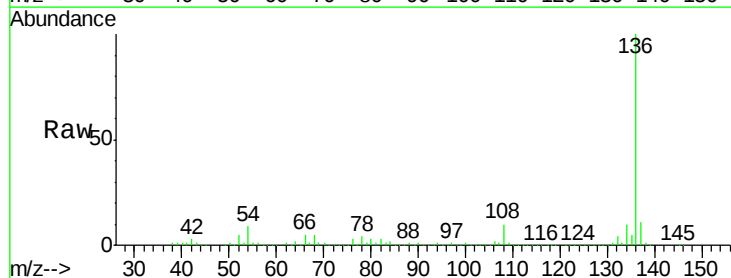
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.9 5.0 7.4#

68 5.0 4.4 6.6

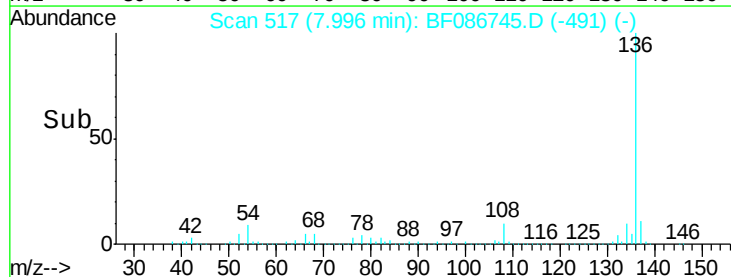
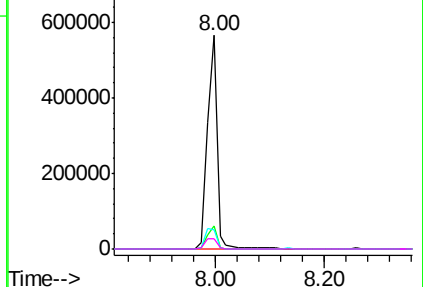


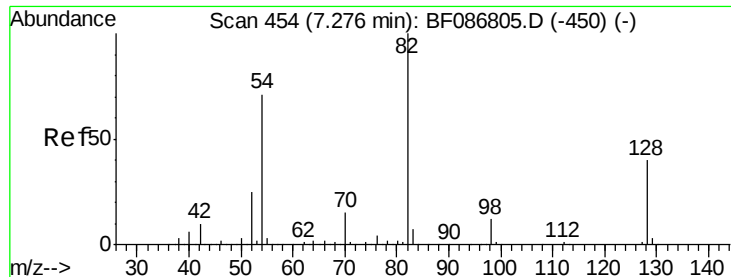
Abundance Ion 136.00 (135.70 to 136.70): E

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

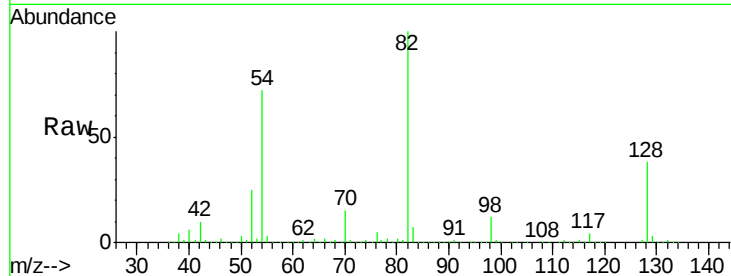




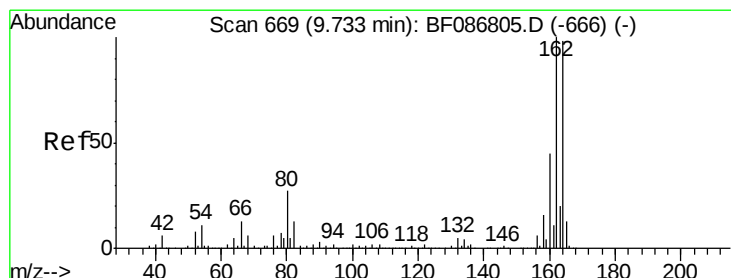
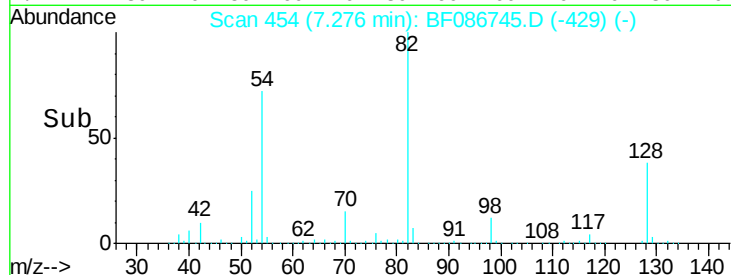
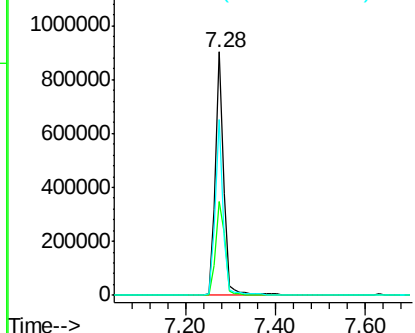
#23
 Nitrobenzene-d5
 Concen: 89.22 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

Instrument :
 BNA_F
 ClientSampleId :
 MW18

Tgt Ion: 82 Resp: 1194997
 Ion Ratio Lower Upper
 82 100
 128 38.3 40.6 61.0#
 54 72.1 38.1 57.1#

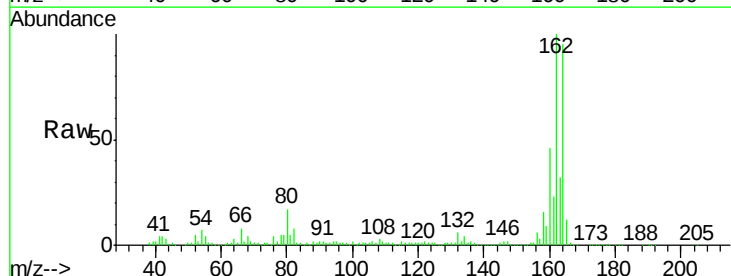


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

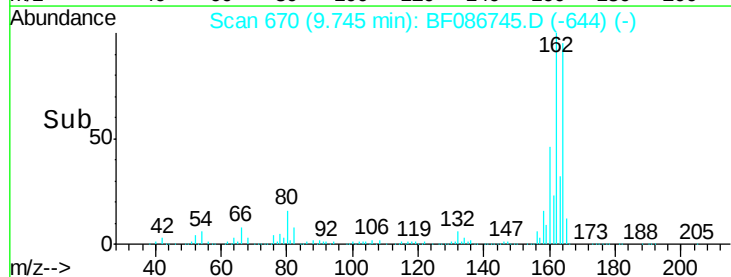
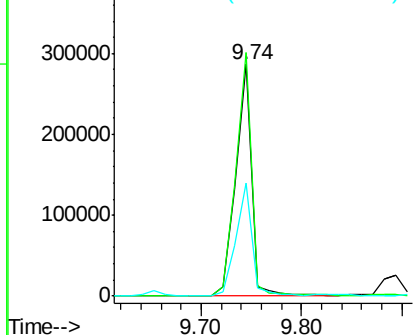


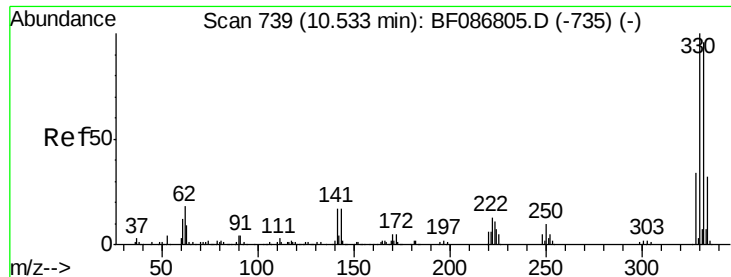
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

Tgt Ion: 164 Resp: 310698
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.8 124.2
 160 48.9 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

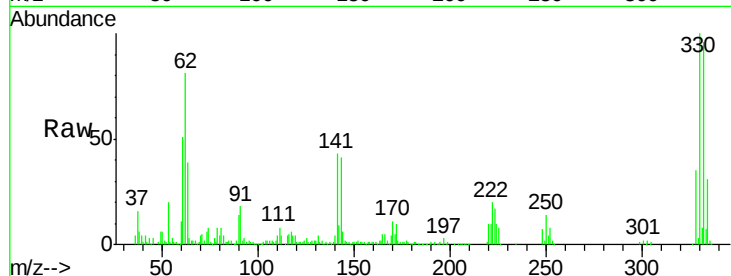




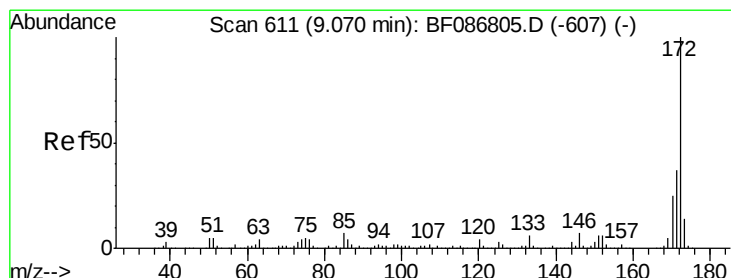
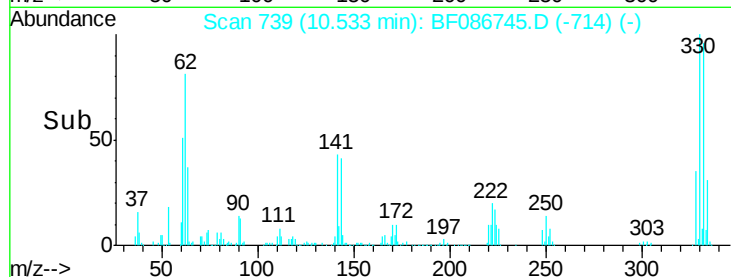
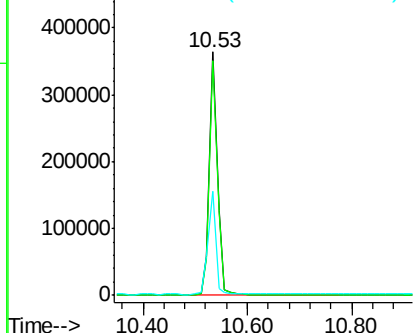
#41
 2,4,6-Tribromophenol
 Concen: 130.48 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

Instrument :
 BNA_F
 ClientSampleID :
 MW18

Tgt Ion:330 Resp: 396564
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 40.6 31.2 46.8

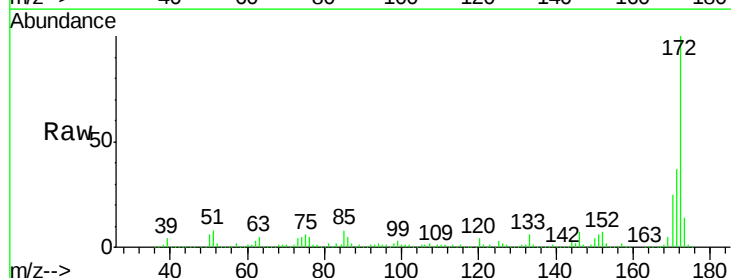


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

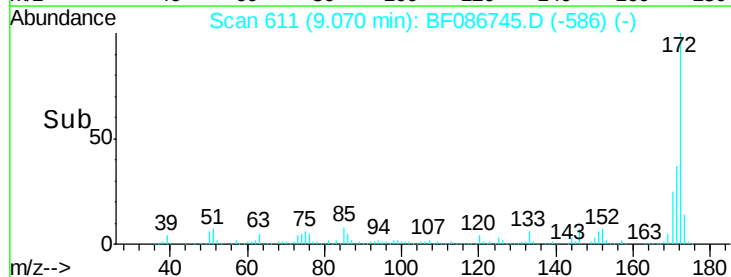
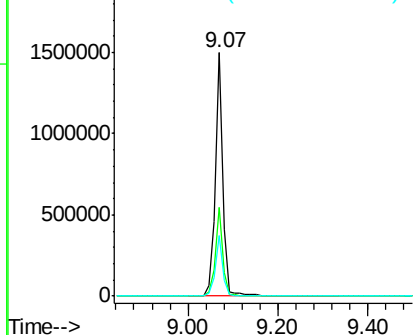


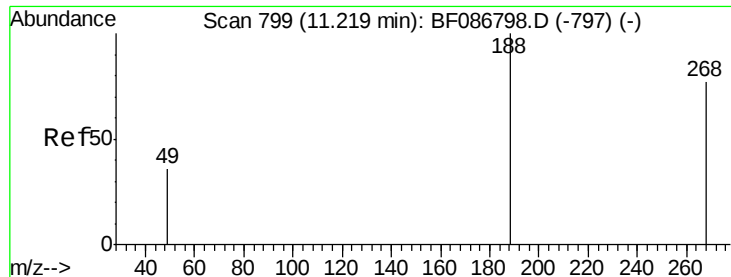
#44
 2-Fluorobiphenyl
 Concen: 92.98 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

Tgt Ion:172 Resp: 1762352
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

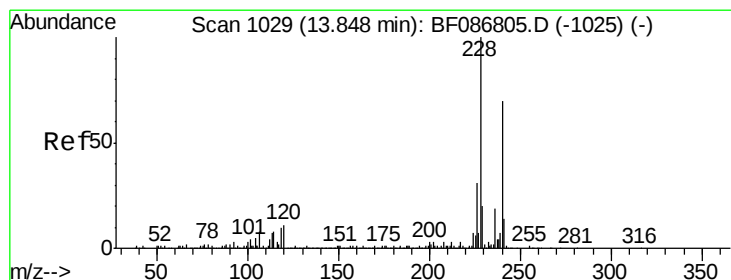
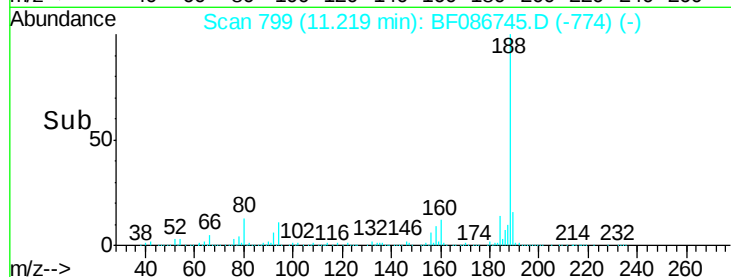
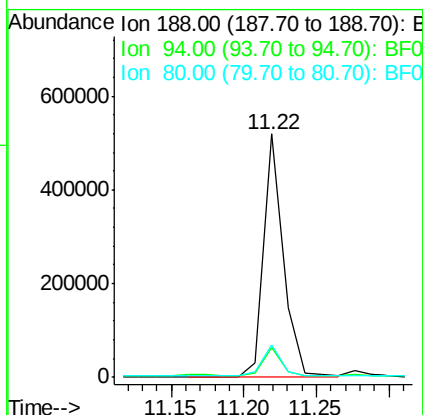
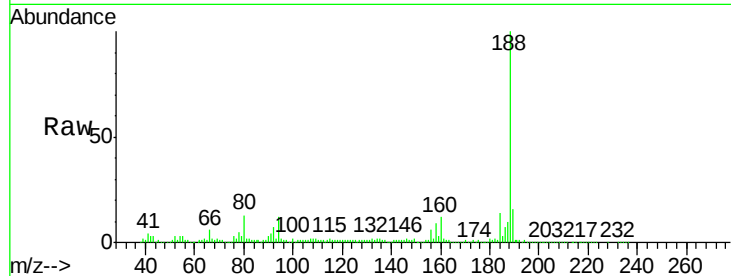




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

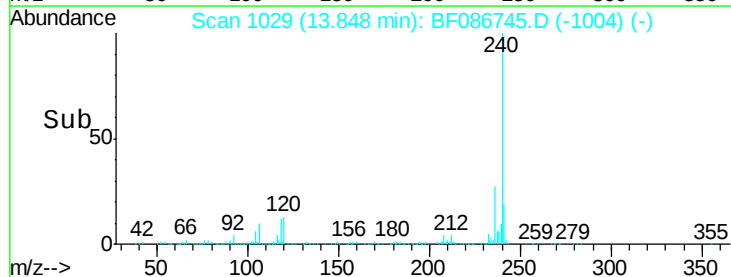
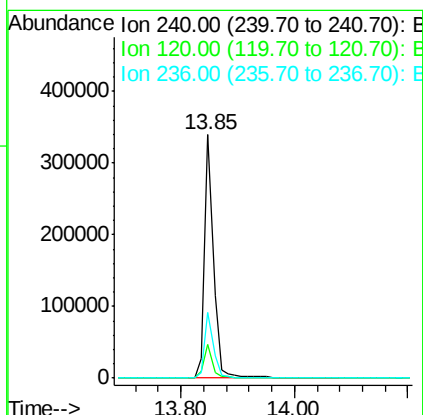
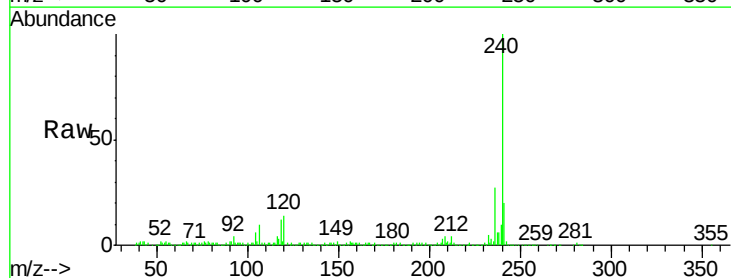
Instrument :
 BNA_F
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 MW18

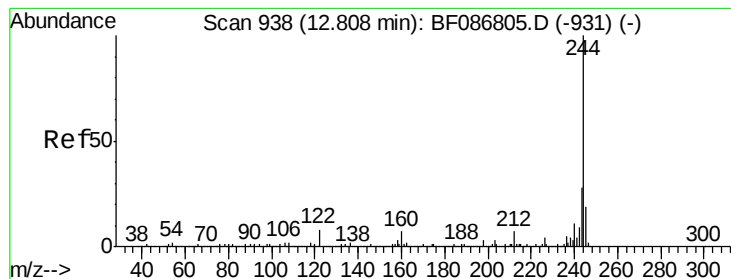
Tgt Ion:188 Resp: 489655
 Ion Ratio Lower Upper
 188 100
 94 12.0 6.8 10.2#
 80 13.1 7.1 10.7#



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF086745.D
 Acq: 7 May 2016 1:21

Tgt Ion:240 Resp: 353880
 Ion Ratio Lower Upper
 240 100
 120 13.7 11.2 16.8
 236 26.8 21.2 31.8





#78

Terphenyl-d14

Concen: 75.53 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086745.D

Acq: 7 May 2016 1:21

Instrument :

BNA_F

ClientSampleId :

MW18

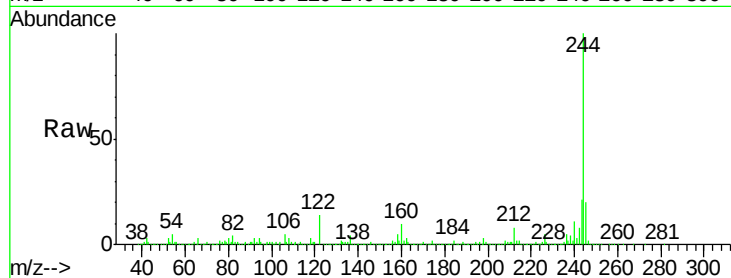
Tgt Ion:244 Resp: 1322491

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

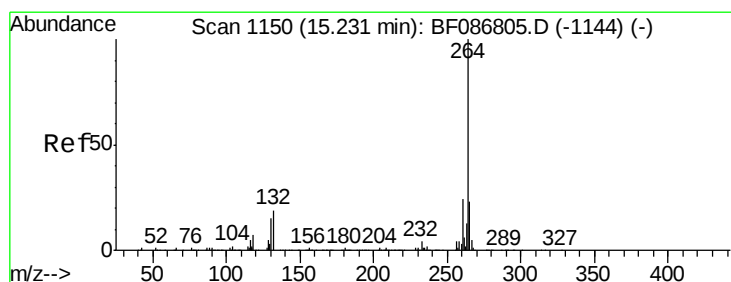
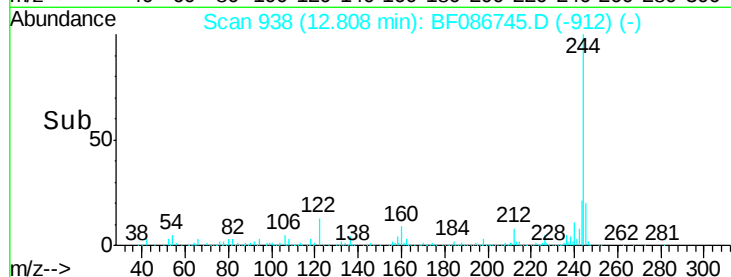
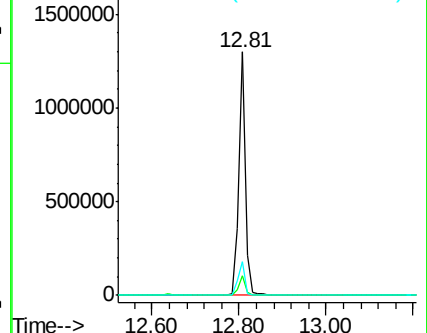
122 13.6 12.0 18.0



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



#86

Perylene-d12

Concen: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086745.D

Acq: 7 May 2016 1:21

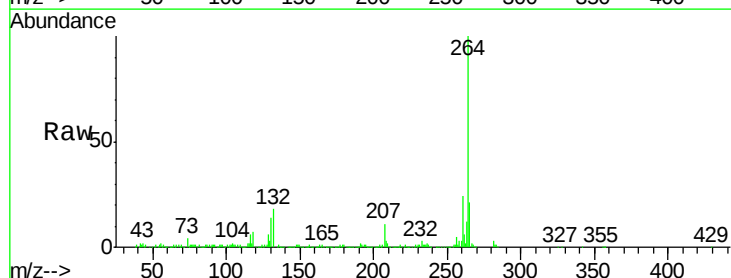
Tgt Ion:264 Resp: 289512

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.5 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

