

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086743.D
 Acq On : 7 May 2016 00:23
 Operator : UM/SJ
 Sample : H2770-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW20

Quant Time: May 07 04:15:23 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	164439	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	670650	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	337240	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	625192	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	447189	40.00	ng	-0.01
86) Perylene-d12	15.23	264	321629	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	402907	40.56	ng	-0.01
7) Phenol-d6	6.36	99	332406	24.84	ng	-0.02
23) Nitrobenzene-d5	7.28	82	824467	63.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	336457	101.99	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1418714	68.96	ng	-0.01
78) Terphenyl-d14	12.81	244	1279133	57.81	ng	0.00

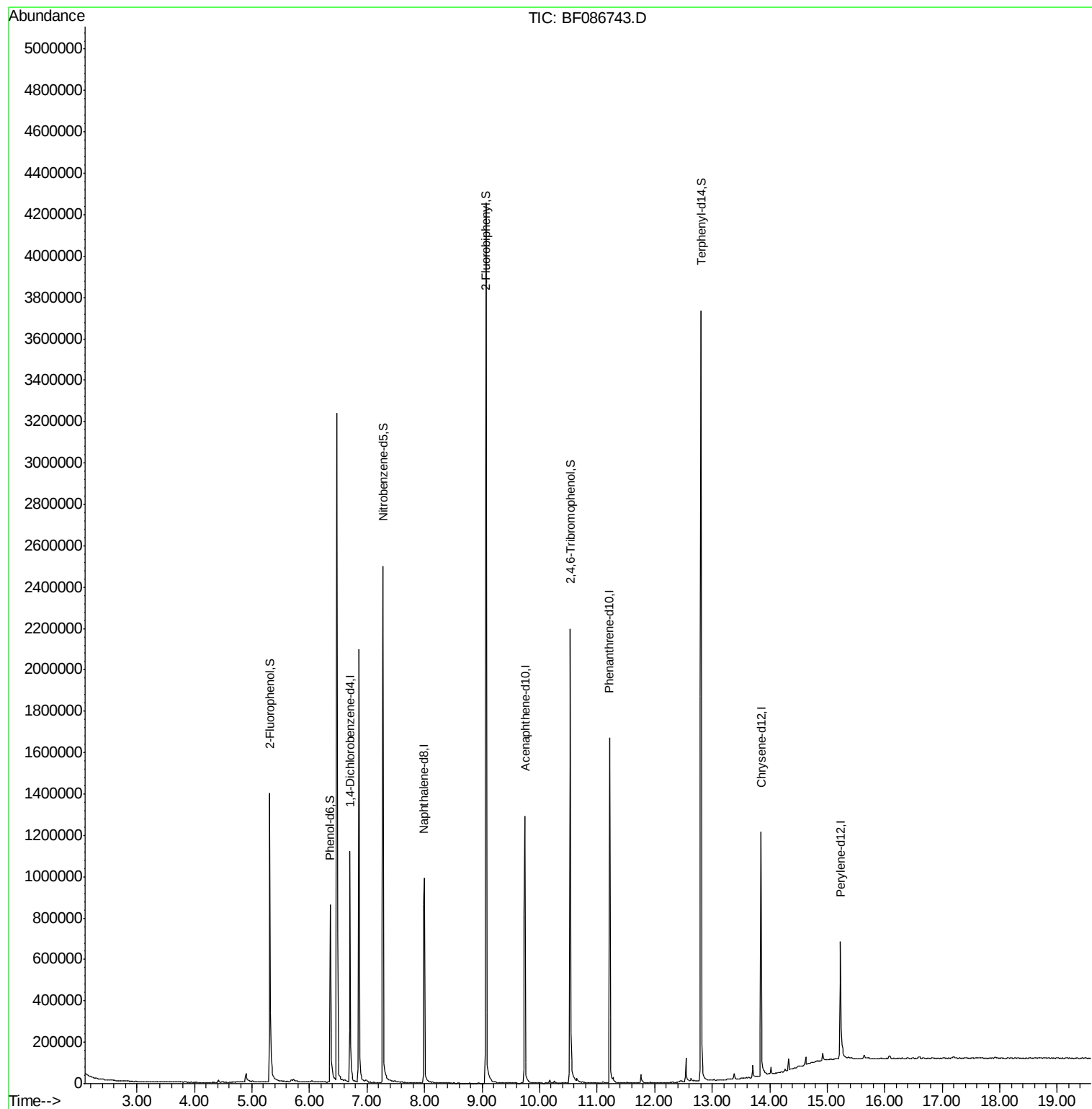
Target Compounds	Qvalue
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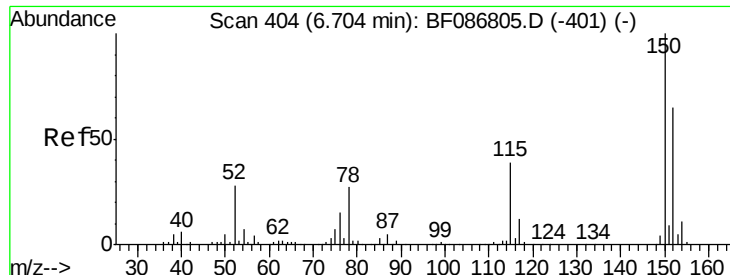
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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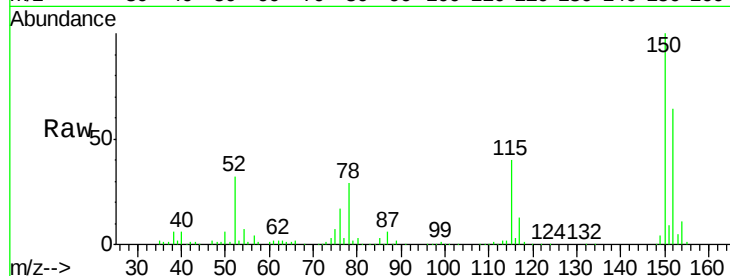


#1

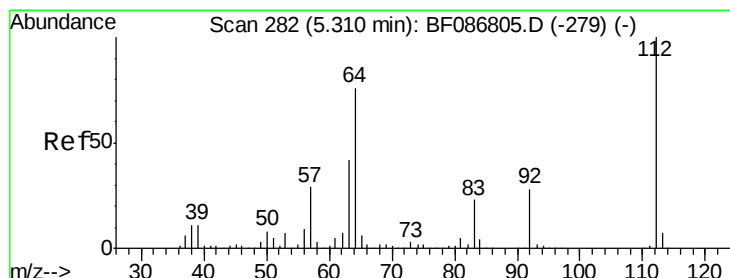
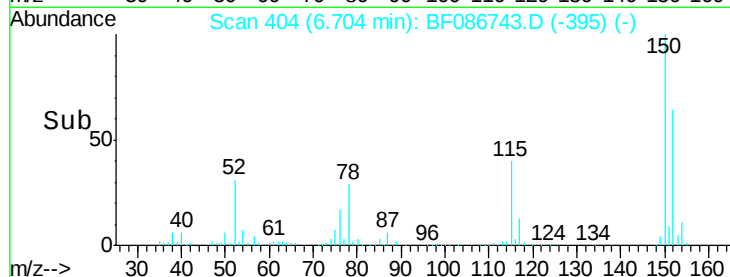
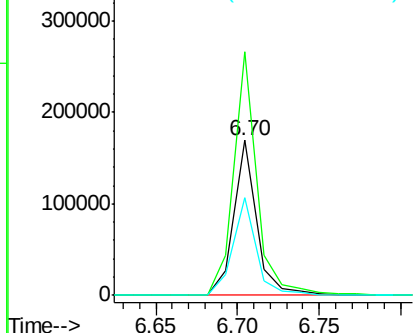
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086743.D
Acq: 7 May 2016 00:23

Instrument :
BNA_F
ClientSampleId :
MW20

Tgt Ion:152 Resp: 164439
Ion Ratio Lower Upper
152 100
150 157.0 125.8 188.6
115 62.8 51.5 77.3



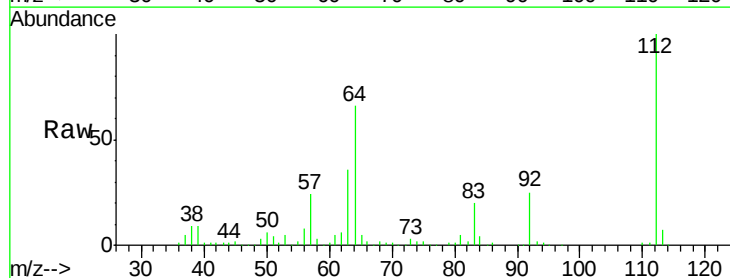
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



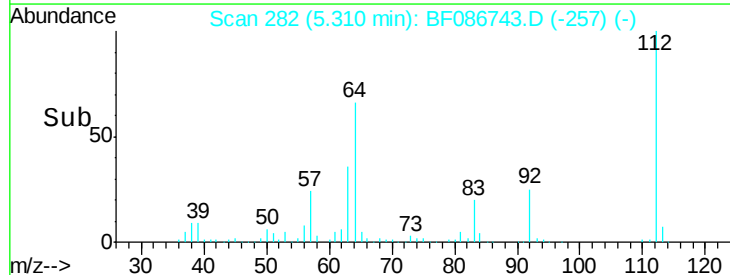
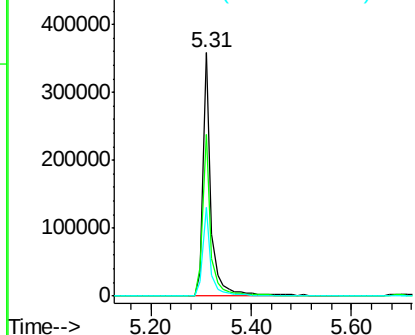
#5

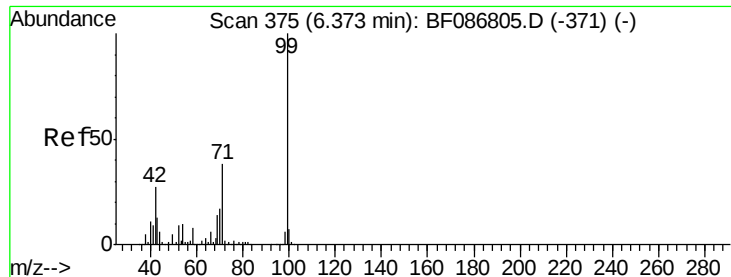
2-Fluorophenol
Concen: 40.56 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.01 min
Lab File: BF086743.D
Acq: 7 May 2016 00:23

Tgt Ion:112 Resp: 402907
Ion Ratio Lower Upper
112 100
64 66.2 52.1 78.1
63 36.3 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: 24.84 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF086743.D

Acq: 7 May 2016 00:23

Instrument :

BNA_F

ClientSampleId :

MW20

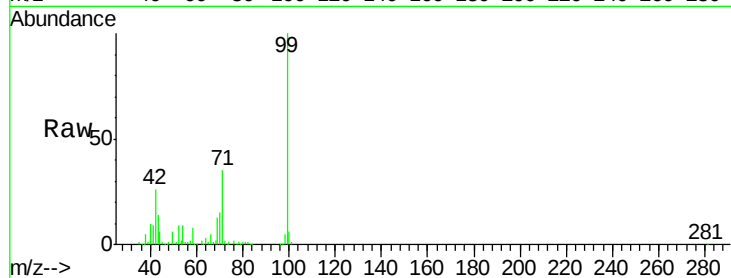
Tgt Ion: 99 Resp: 332406

Ion Ratio Lower Upper

99 100

42 26.5 13.6 20.4#

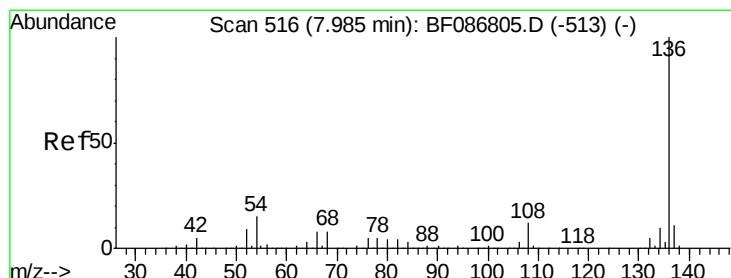
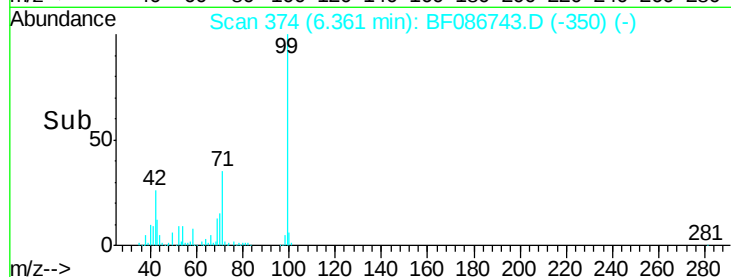
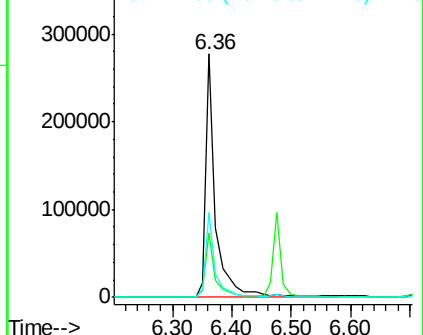
71 35.0 24.6 36.8



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: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086743.D

Acq: 7 May 2016 00:23

Tgt Ion: 136 Resp: 670650

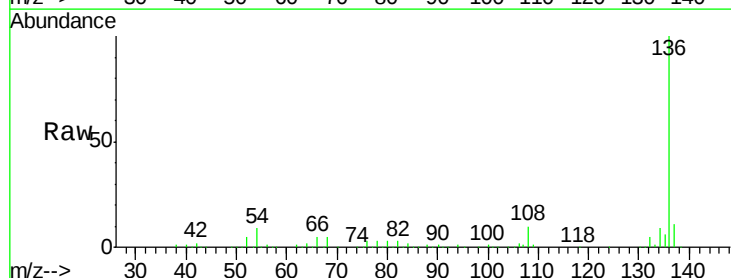
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.8 5.0 7.4#

68 5.0 4.4 6.6

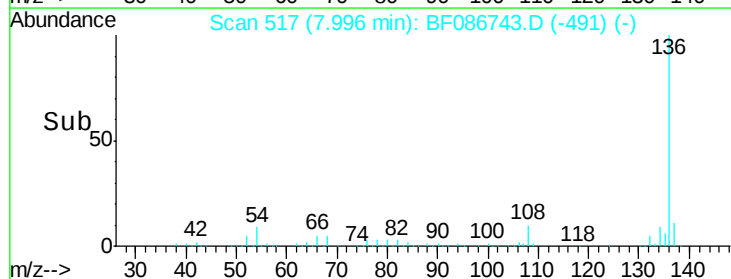
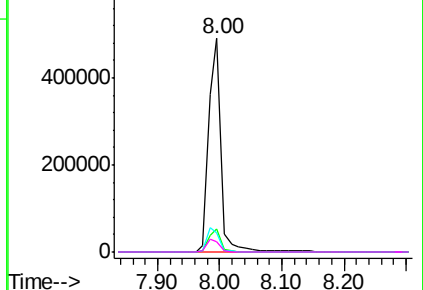


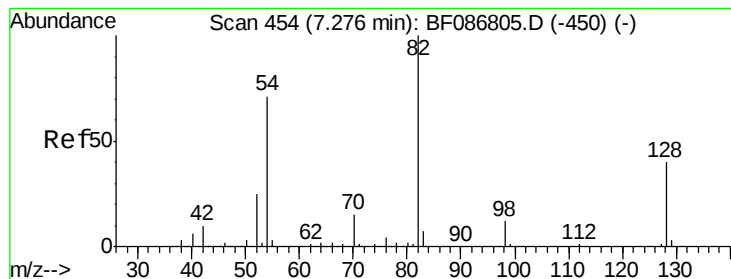
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.17 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086743.D

Acq: 7 May 2016 00:23

Instrument :

BNA_F

ClientSampleId :

MW20

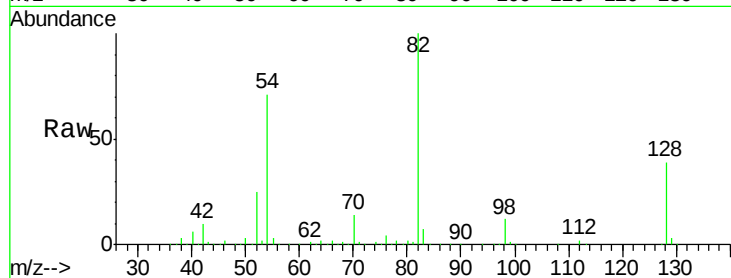
Tgt Ion: 82 Resp: 824467

Ion Ratio Lower Upper

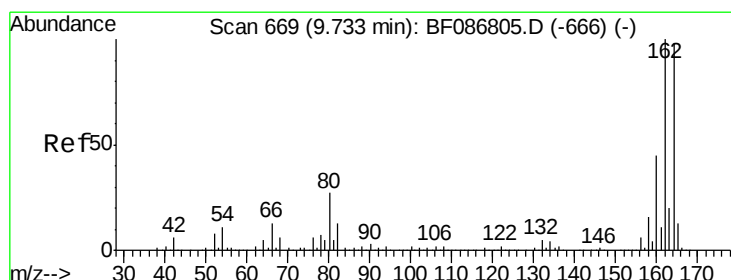
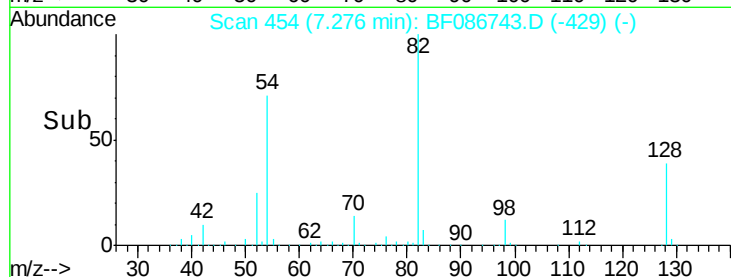
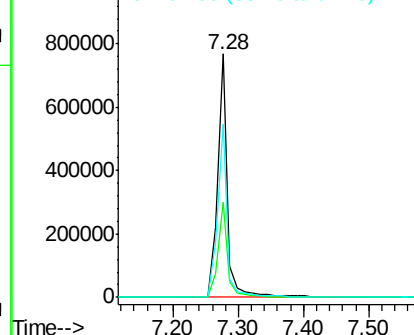
82 100

128 39.3 40.6 61.0#

54 71.0 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: BF086743.D

Acq: 7 May 2016 00:23

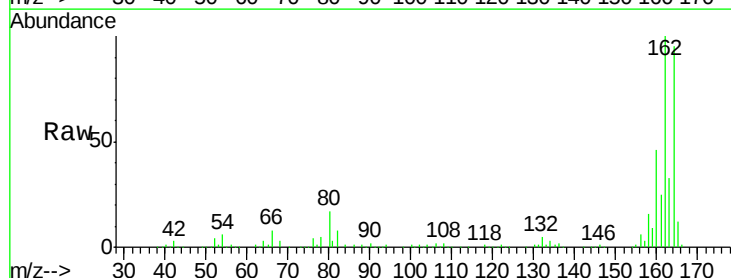
Tgt Ion: 164 Resp: 337240

Ion Ratio Lower Upper

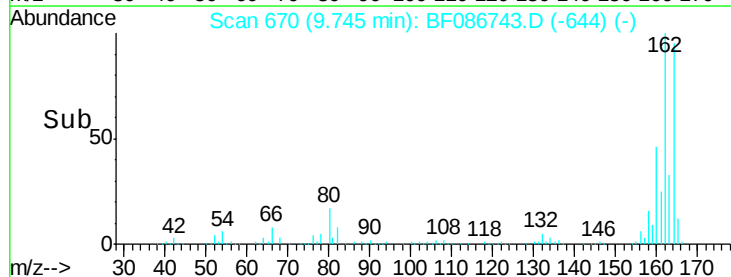
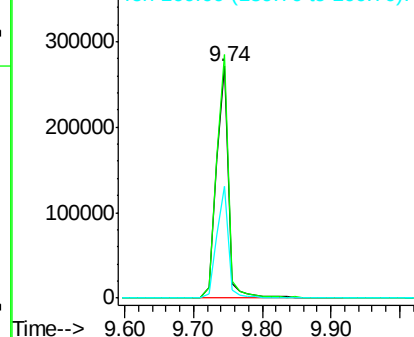
164 100

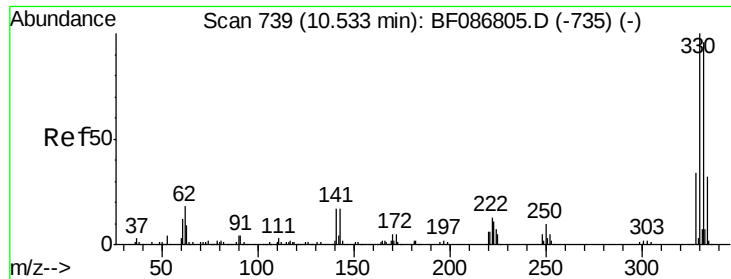
162 105.0 82.8 124.2

160 48.5 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

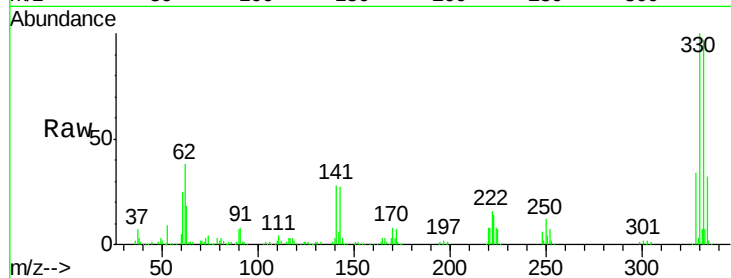




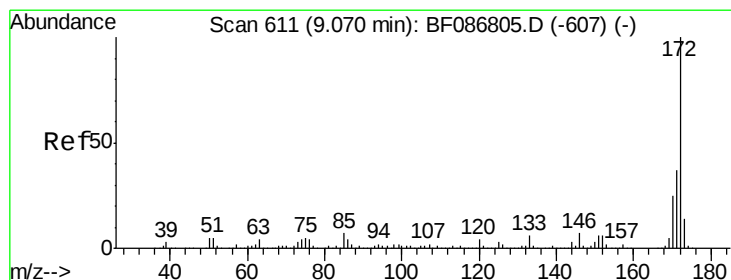
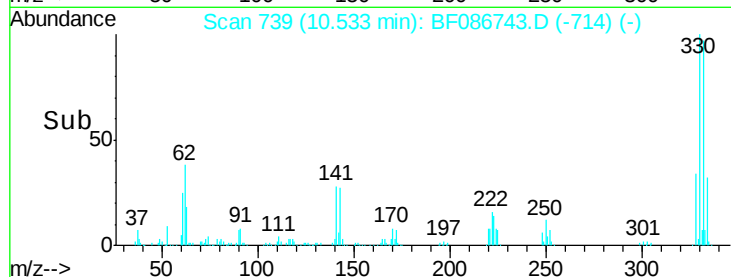
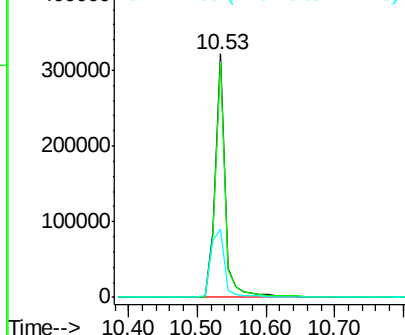
#41
 2,4,6-Tribromophenol
 Concen: 101.99 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086743.D
 Acq: 7 May 2016 00:23

Instrument :
 BNA_F
 ClientSampleId :
 MW20

Tgt Ion:330 Resp: 336457
 Ion Ratio Lower Upper
 330 100
 332 97.7 79.0 118.4
 141 39.3 31.2 46.8

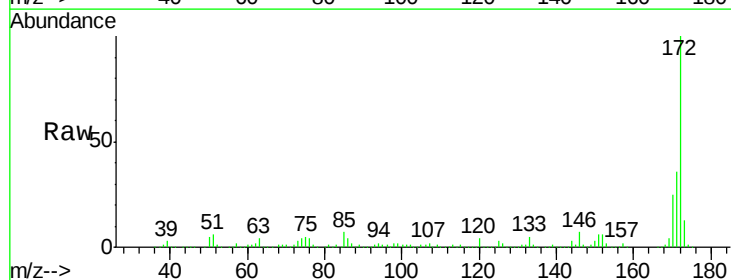


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

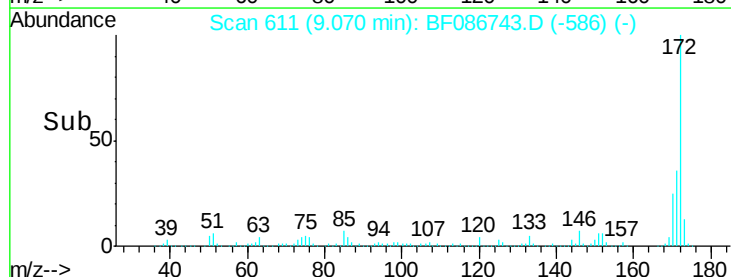
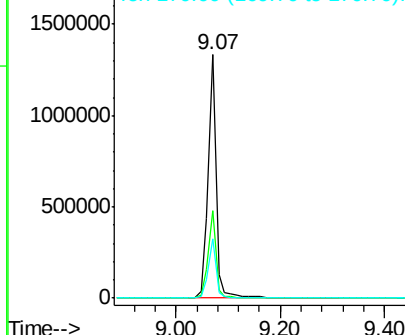


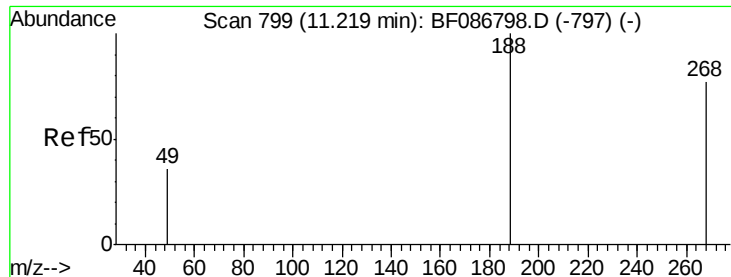
#44
 2-Fluorobiphenyl
 Concen: 68.96 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086743.D
 Acq: 7 May 2016 00:23

Tgt Ion:172 Resp: 1418714
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.5 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

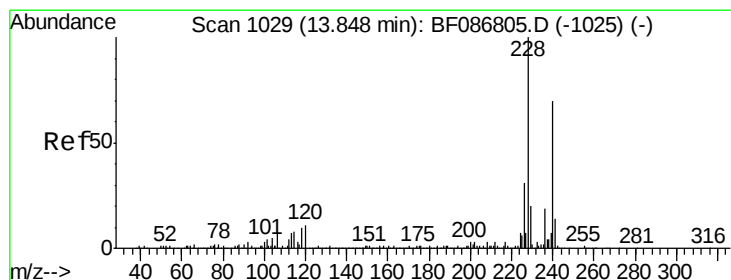
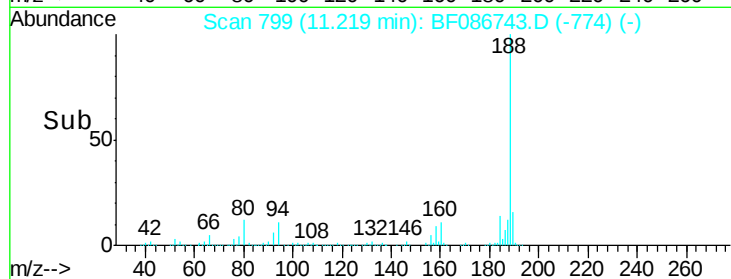
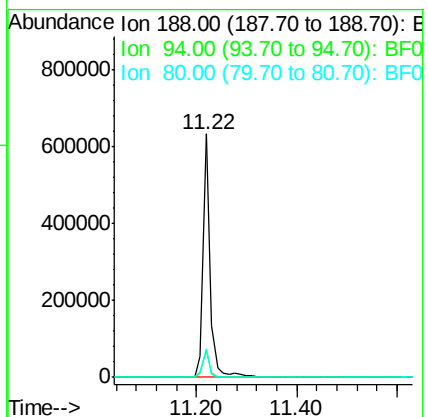
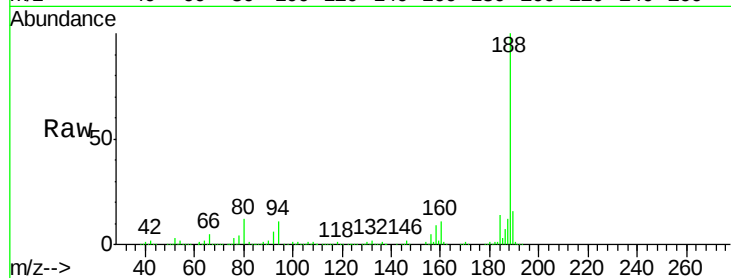




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF086743.D
 Acq: 7 May 2016 00:23

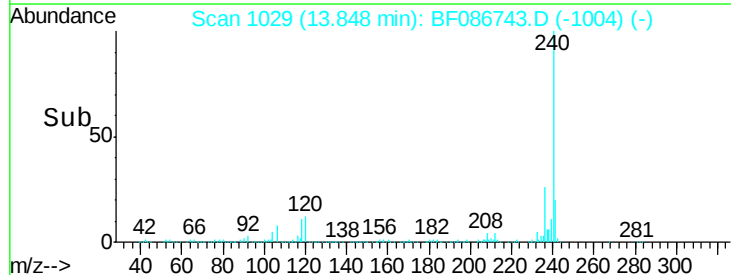
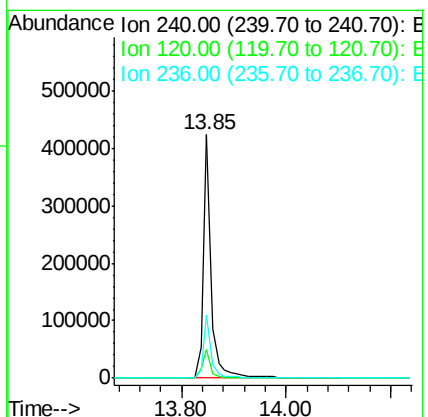
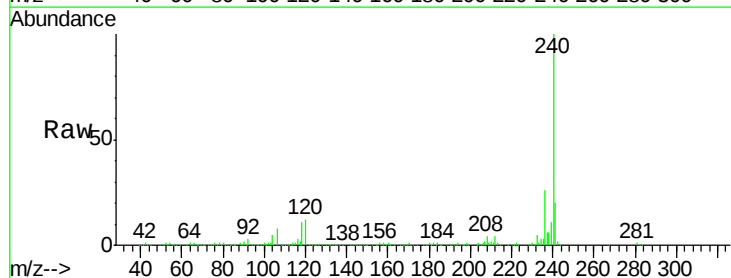
Instrument :
 BNA_F
 ClientSampleId :
 MW20

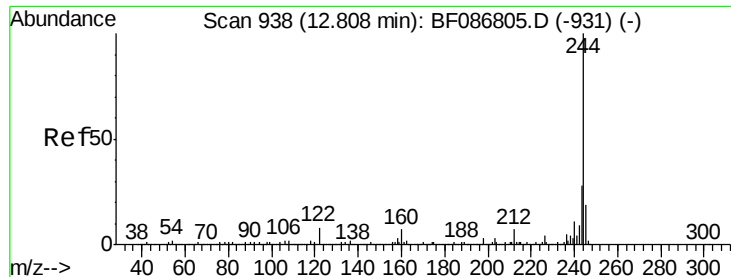
Tgt Ion:188 Resp: 625192
 Ion Ratio Lower Upper
 188 100
 94 11.0 6.8 10.2#
 80 11.8 7.1 10.7#



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF086743.D
 Acq: 7 May 2016 00:23

Tgt Ion:240 Resp: 447189
 Ion Ratio Lower Upper
 240 100
 120 11.8 11.2 16.8
 236 26.2 21.2 31.8





#78

Terphenyl-d14

Concen: 57.81 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086743.D

Acq: 7 May 2016 00:23

Instrument :

BNA_F

ClientSampleId :

MW20

Tgt Ion:244 Resp: 1279133

Ion Ratio Lower Upper

244 100

212 7.9

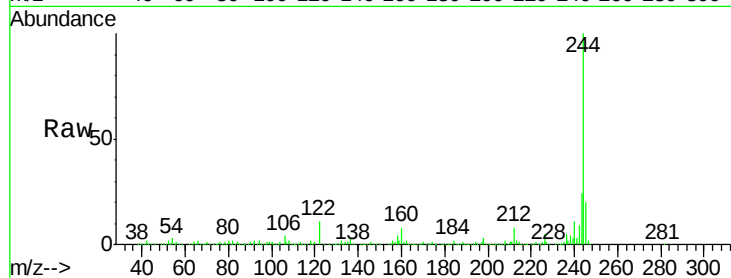
6.2

9.2

122 10.7

12.0

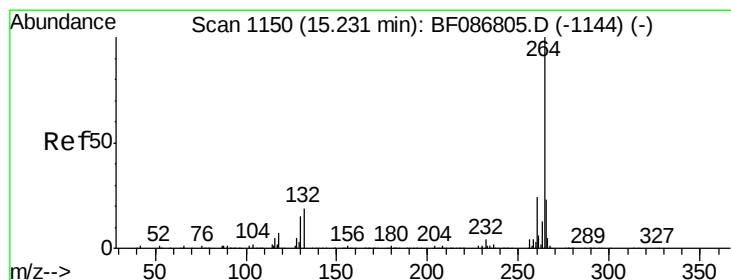
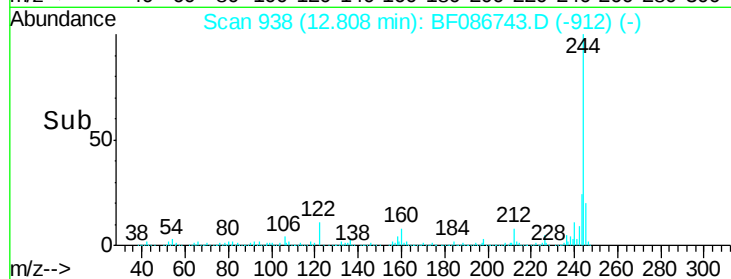
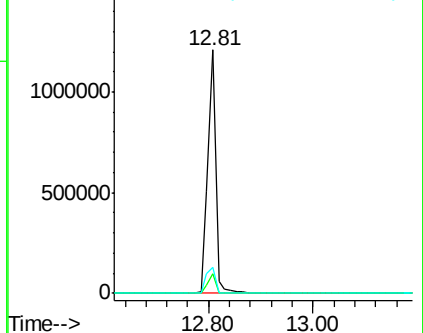
18.0#



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: 40.00 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF086743.D

Acq: 7 May 2016 00:23

Tgt Ion:264 Resp: 321629

Ion Ratio Lower Upper

264 100

260 24.4

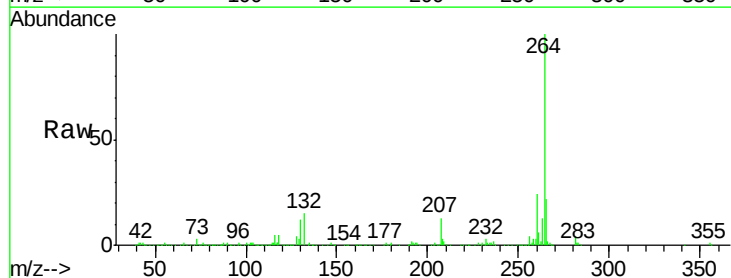
19.5

29.3

265 21.6

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

