

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086785.D
 Acq On : 7 May 2016 20:33
 Operator : UM/SJ
 Sample : H2831-04
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IW-1

Quant Time: May 08 02:56:24 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	177045	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	659182	40.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	330134	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	499848	40.00	ng	0.00
75) Chrysene-d12	13.85	240	358539	40.00	ng	0.00
86) Perylene-d12	15.23	264	293117	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	769078	71.91	ng	0.00
7) Phenol-d6	6.37	99	663756	46.08	ng	0.00
23) Nitrobenzene-d5	7.28	82	1210761	94.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	402727	124.70	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1966333	97.63	ng	0.00
78) Terphenyl-d14	12.81	244	1303564	73.48	ng	0.00

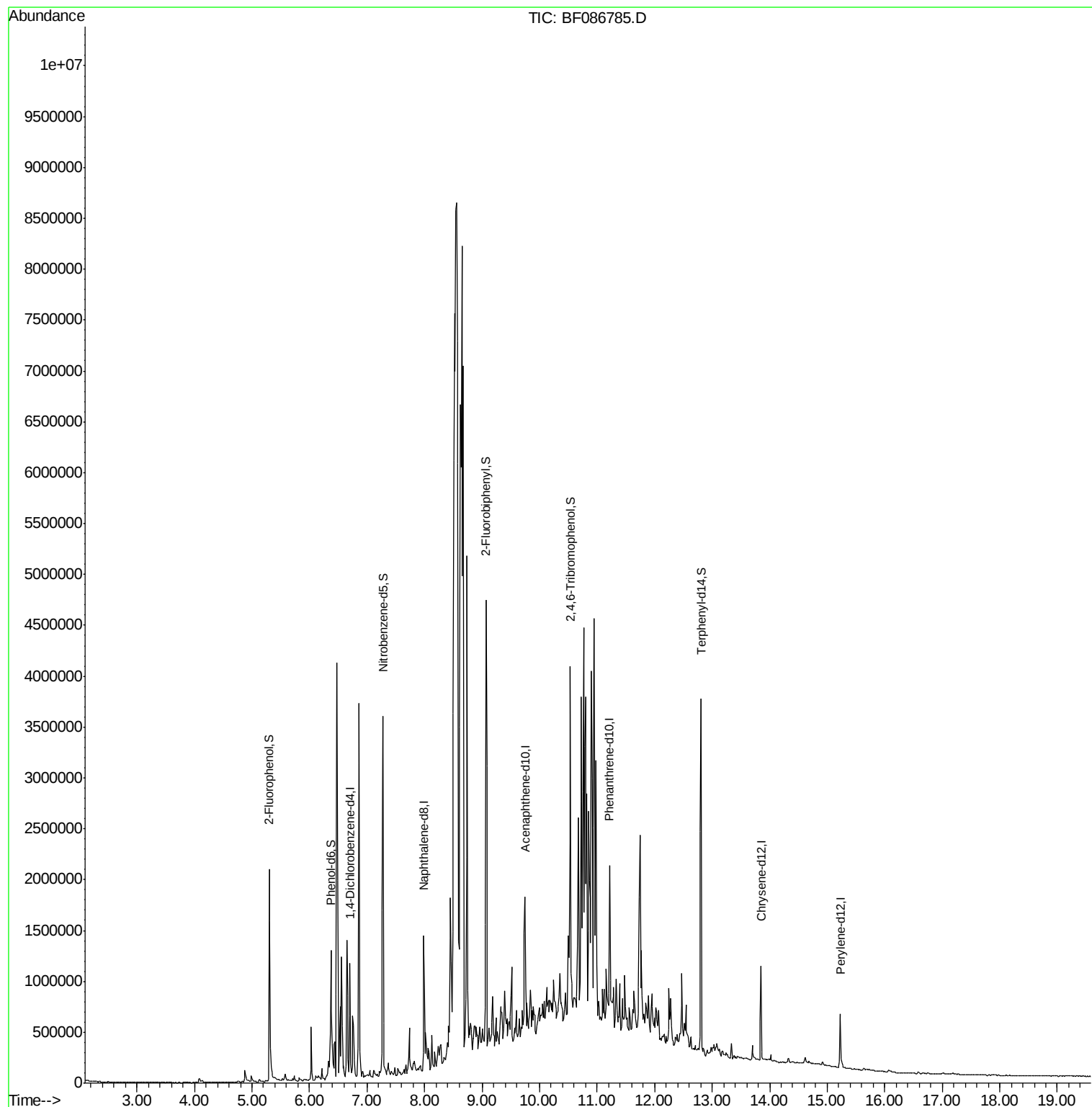
Target Compounds	Qvalue
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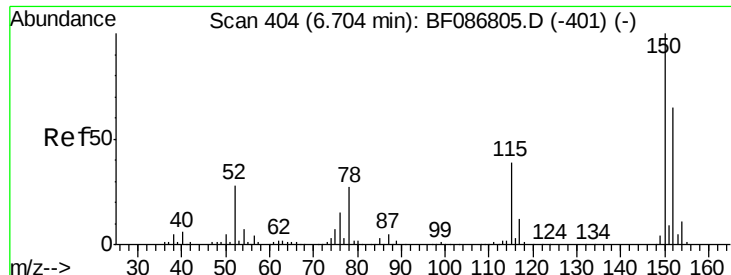
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086785.D

Acq: 7 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

IW-1

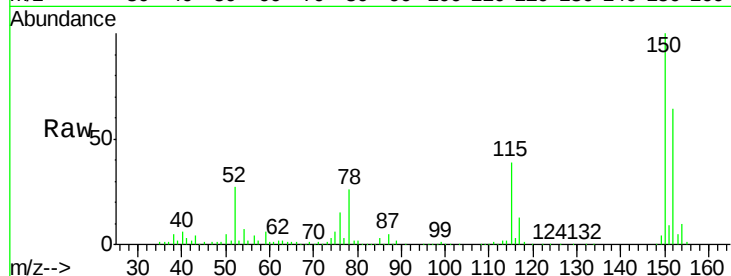
Tgt Ion:152 Resp: 177045

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

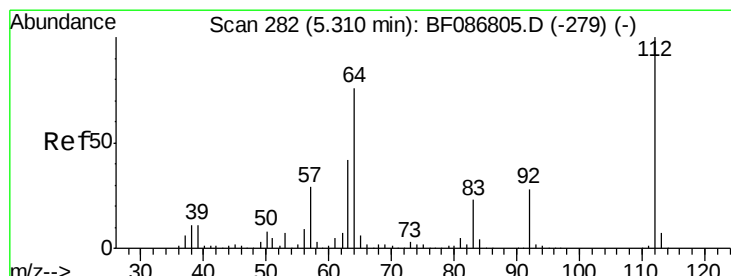
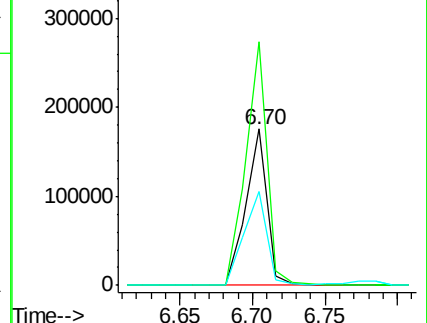
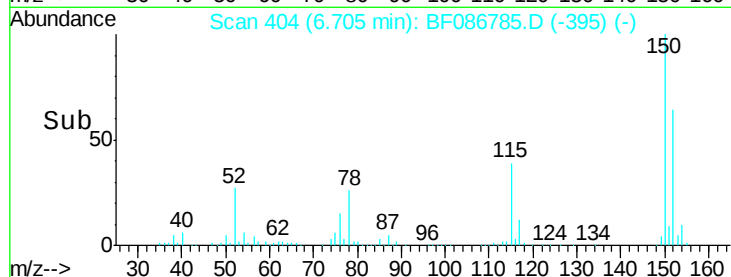
115 60.3 51.5 77.3



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: 71.91 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

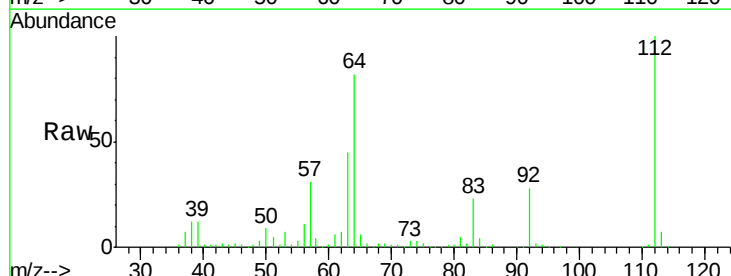
Tgt Ion:112 Resp: 769078

Ion Ratio Lower Upper

112 100

64 81.8 52.1 78.1#

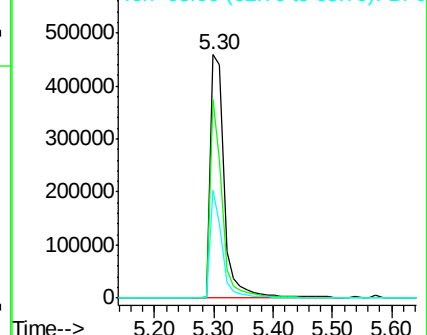
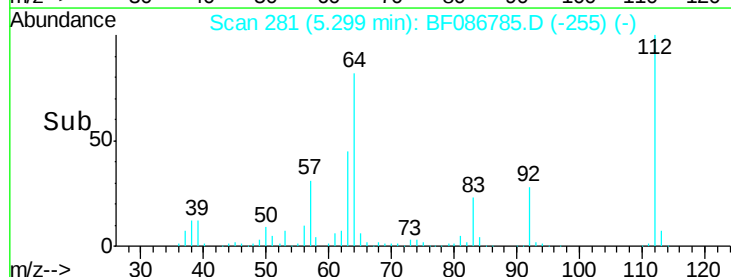
63 44.5 25.7 38.5#

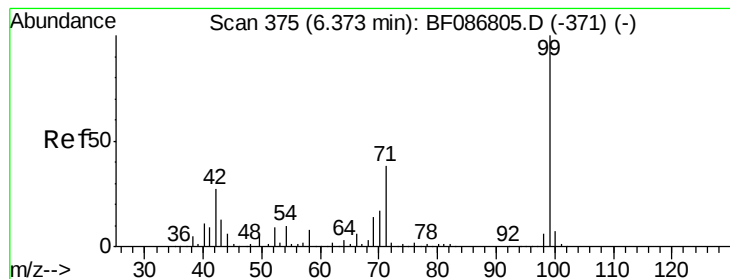


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.08 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

Instrument :

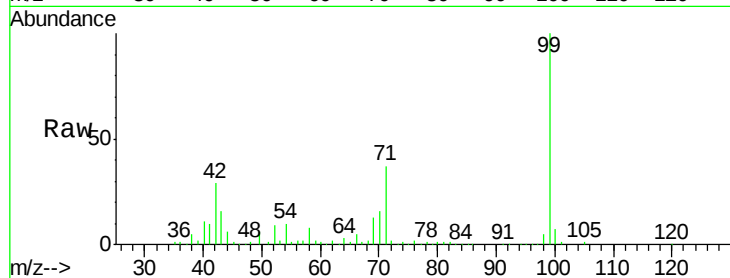
BNA_F

ClientSampled :

IW-1

Tgt Ion: 99 Resp: 663756

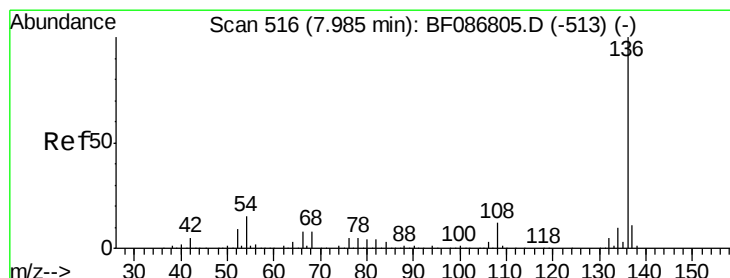
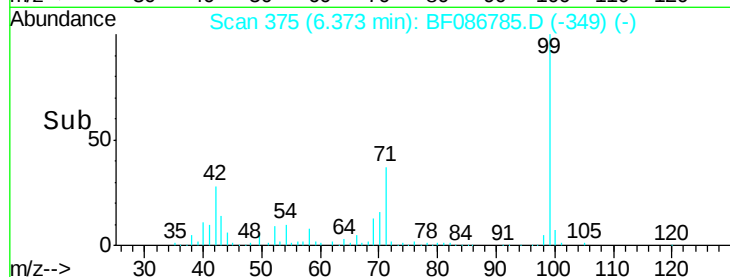
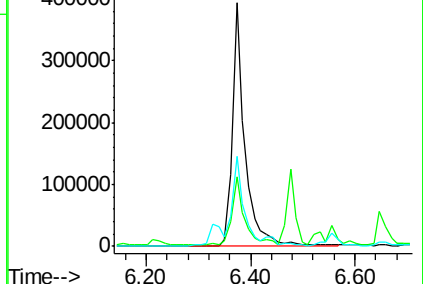
Ion	Ratio	Lower	Upper
99	100		
42	28.6	13.6	20.4#
71	36.7	24.6	36.8



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

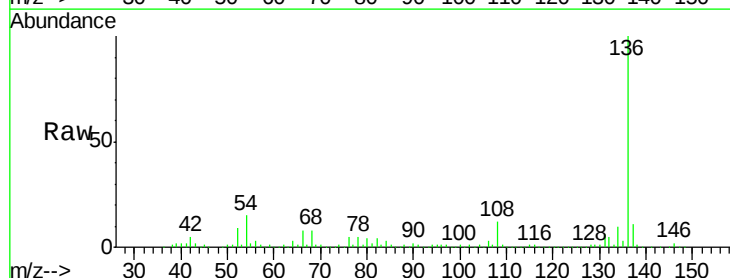
Delta R.T. -0.01 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

Tgt Ion: 136 Resp: 659182

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	15.1	5.0	7.4#
68	7.7	4.4	6.6#

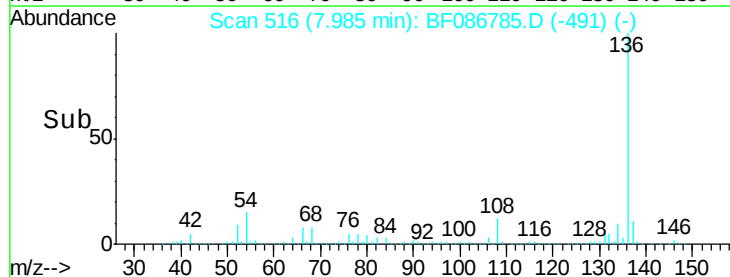
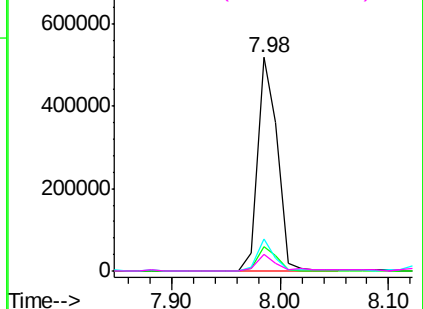


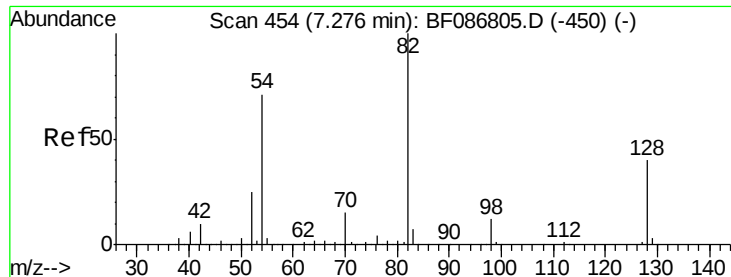
Abundance Ion 136.00 (135.70 to 136.70): E

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

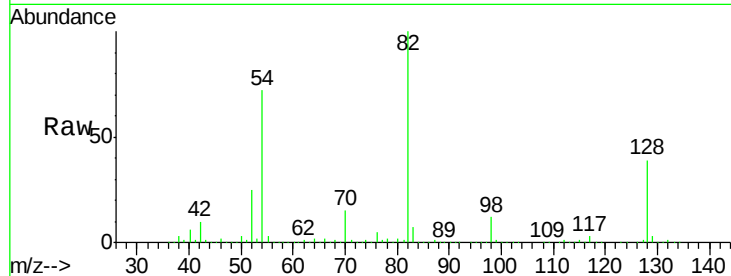




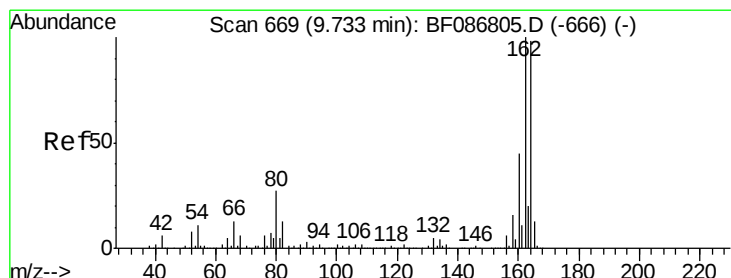
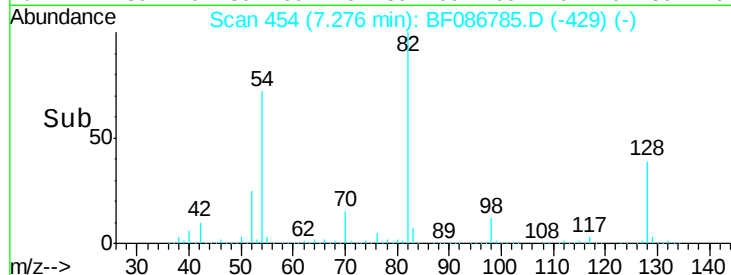
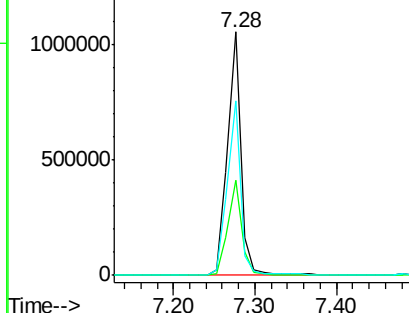
#23
Nitrobenzene-d5
Concen: 94.39 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Instrument :
BNA_F
ClientSampleId :
IW-1

Tgt Ion: 82 Resp: 1210761
Ion Ratio Lower Upper
82 100
128 39.0 40.6 61.0#
54 71.6 38.1 57.1#

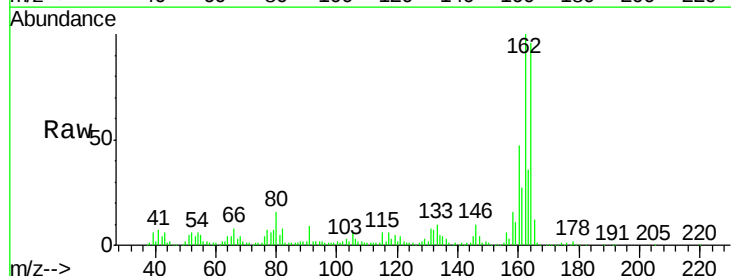


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

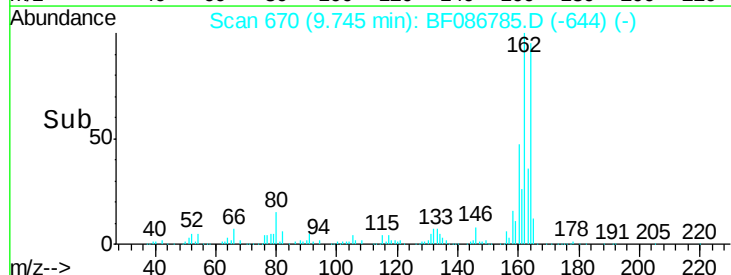
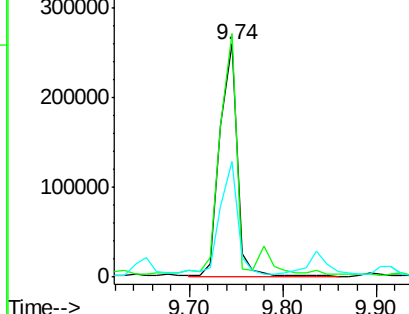


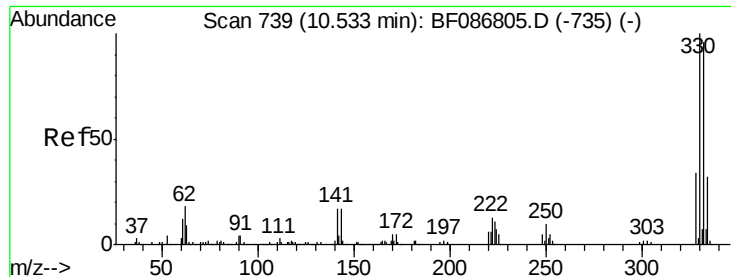
#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086785.D
Acq: 7 May 2016 20:33

Tgt Ion: 164 Resp: 330134
Ion Ratio Lower Upper
164 100
162 104.5 82.8 124.2
160 49.4 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

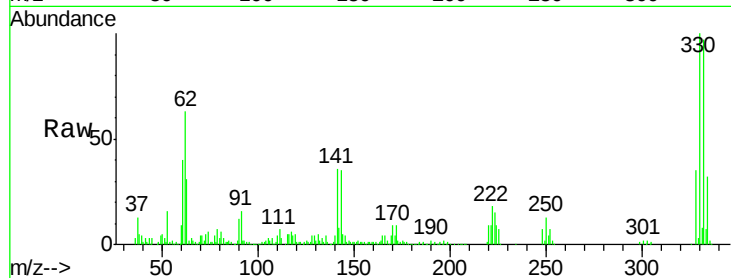




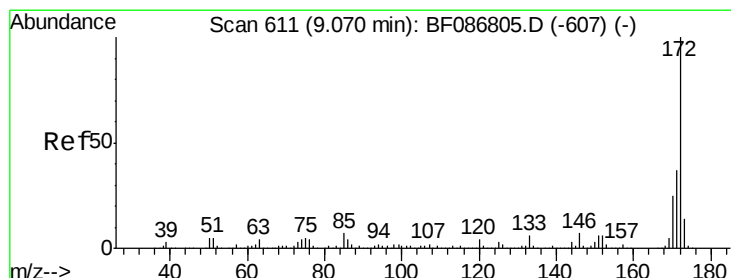
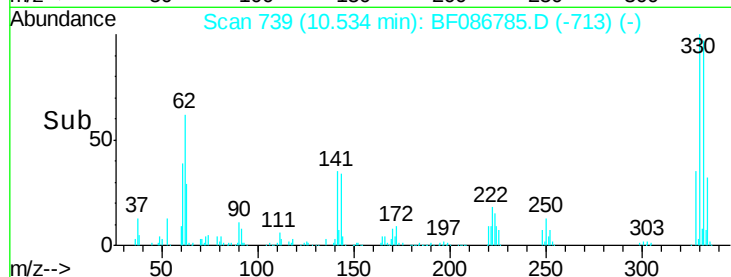
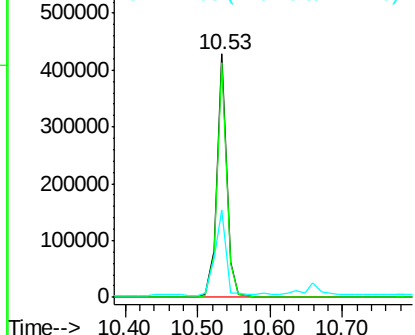
#41
 2,4,6-Tribromophenol
 Concen: 124.70 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF086785.D
 Acq: 7 May 2016 20:33

Instrument :
 BNA_F
 ClientSampleId :
 IW-1

Tgt Ion:330 Resp: 402727
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.0 118.4
 141 39.5 31.2 46.8

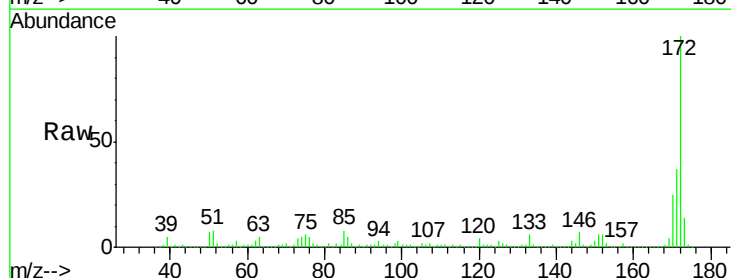


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

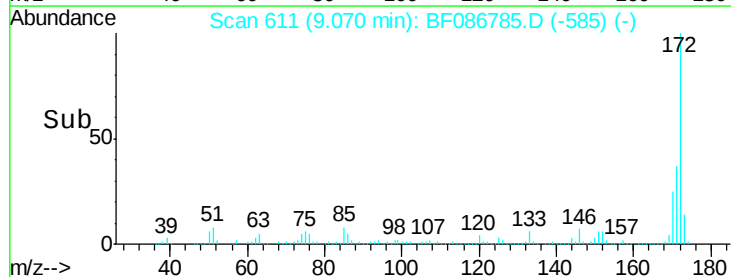
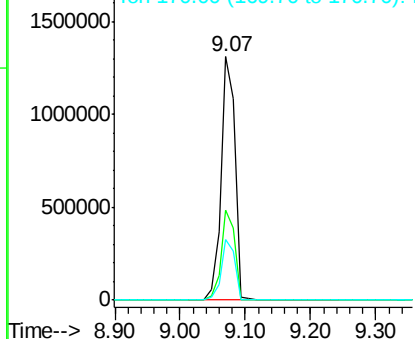


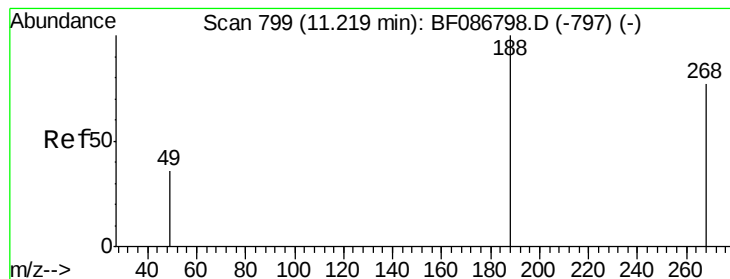
#44
 2-Fluorobiphenyl
 Concen: 97.63 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF086785.D
 Acq: 7 May 2016 20:33

Tgt Ion:172 Resp: 1966333
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.0 43.6
 170 24.7 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: BF086785.D

Acq: 7 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

IW-1

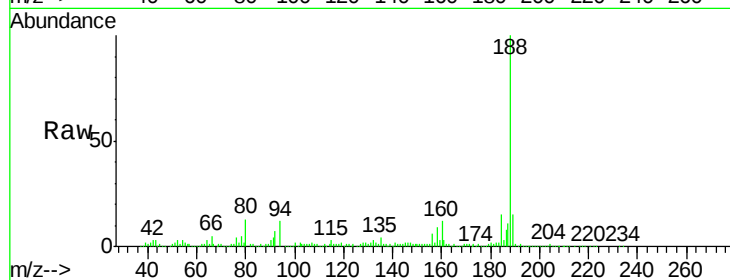
Tgt Ion:188 Resp: 499848

Ion Ratio Lower Upper

188 100

94 11.8 6.8 10.2#

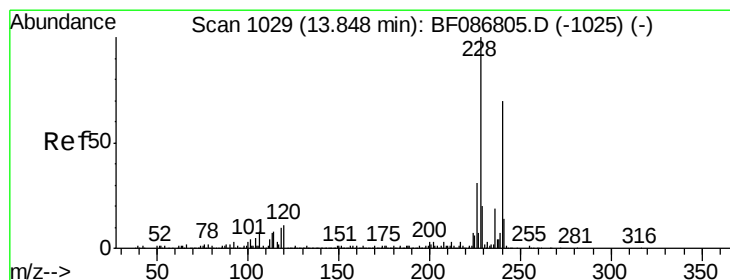
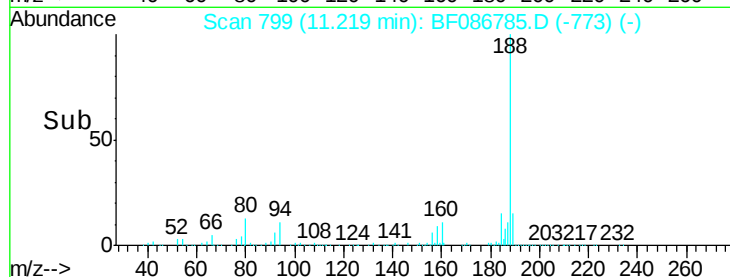
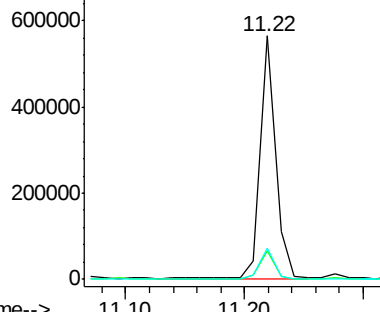
80 12.8 7.1 10.7#



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: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

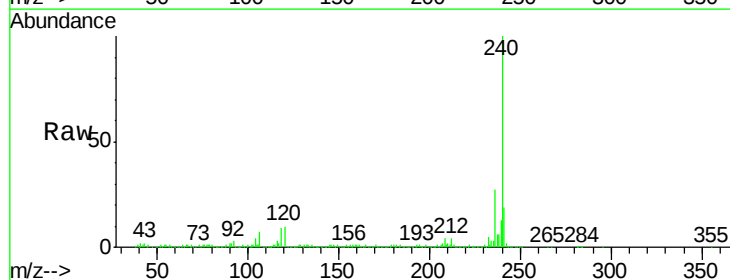
Tgt Ion:240 Resp: 358539

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

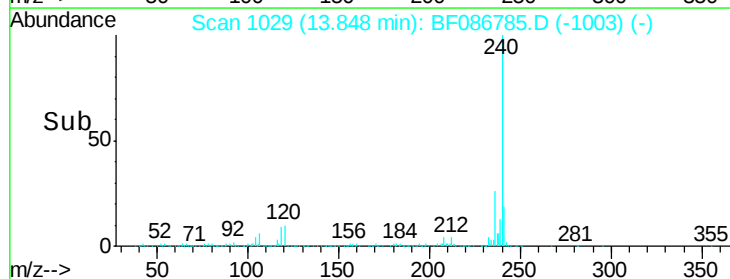
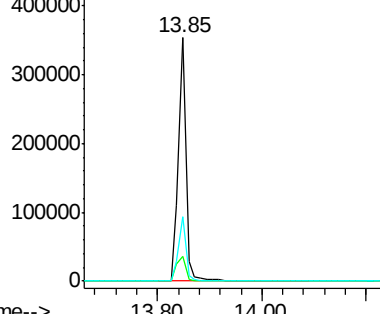
236 26.6 21.2 31.8

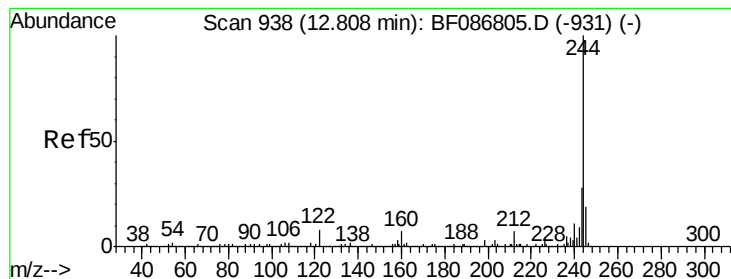


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.48 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

Instrument :

BNA_F

ClientSampleId :

IW-1

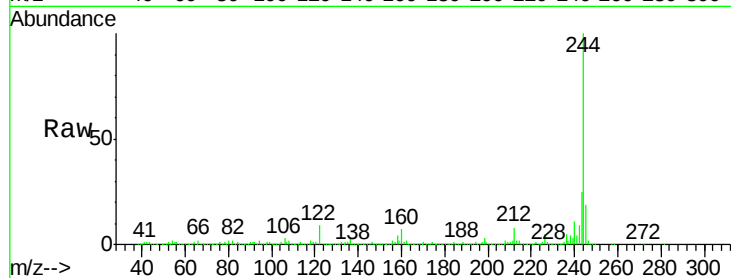
Tgt Ion:244 Resp: 1303564

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

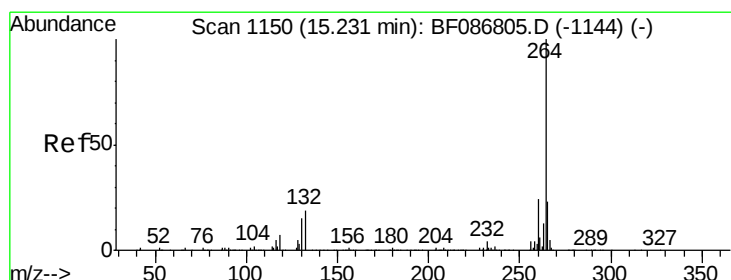
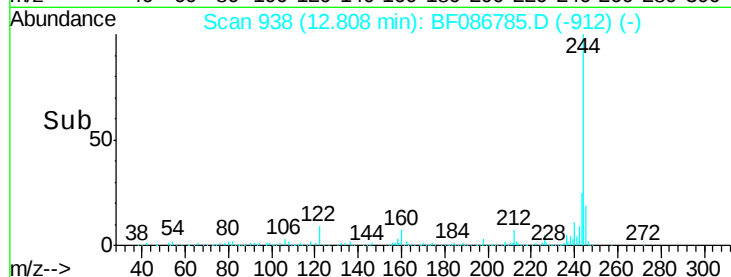
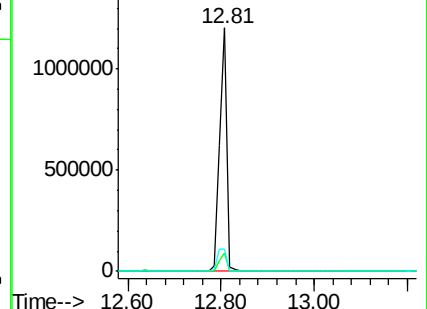
122 8.9 12.0 18.0#



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. 0.00 min

Lab File: BF086785.D

Acq: 7 May 2016 20:33

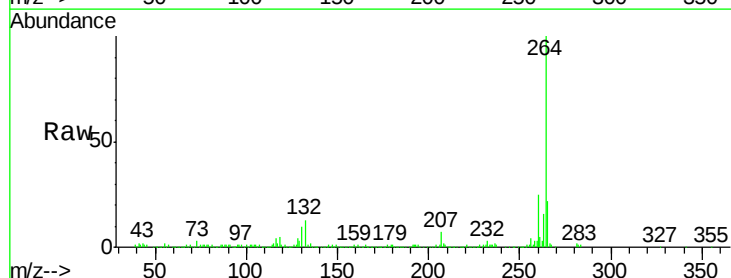
Tgt Ion:264 Resp: 293117

Ion Ratio Lower Upper

264 100

260 24.6 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

