

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086790.D
 Acq On : 7 May 2016 22:59
 Operator : UM/SJ
 Sample : H2880-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Quant Time: May 08 04:00:27 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	152394	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	619404	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	294414	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	555813	40.00	ng	0.00
75) Chrysene-d12	13.85	240	372216	40.00	ng	0.00
86) Perylene-d12	15.22	264	298627	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	729242	79.22	ng	0.01
7) Phenol-d6	6.36	99	884452	71.33	ng	-0.01
23) Nitrobenzene-d5	7.28	82	712239	59.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	248137	86.16	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1267405	70.57	ng	0.00
78) Terphenyl-d14	12.80	244	1065769	57.87	ng	-0.01

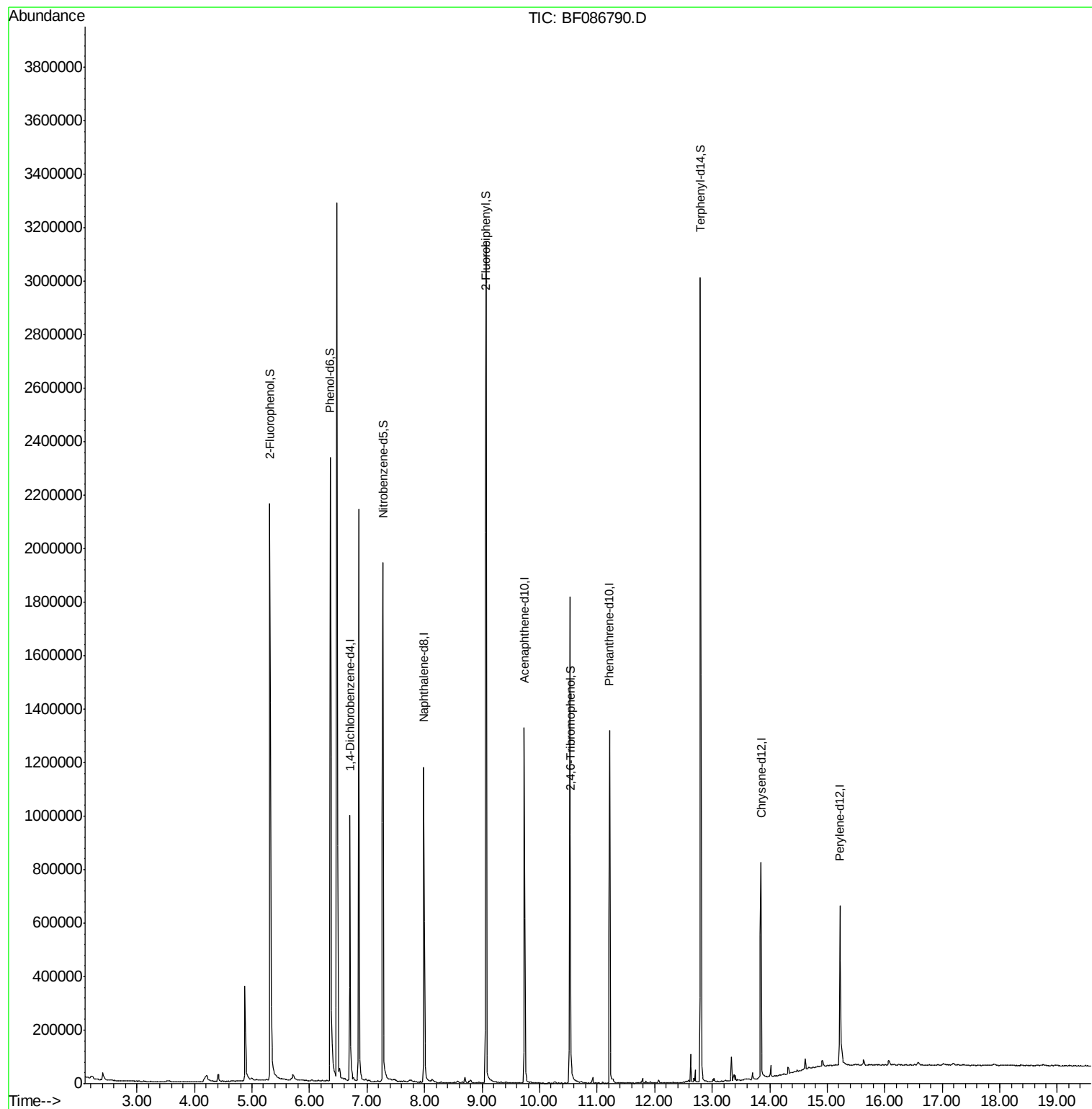
Target Compounds	Qvalue
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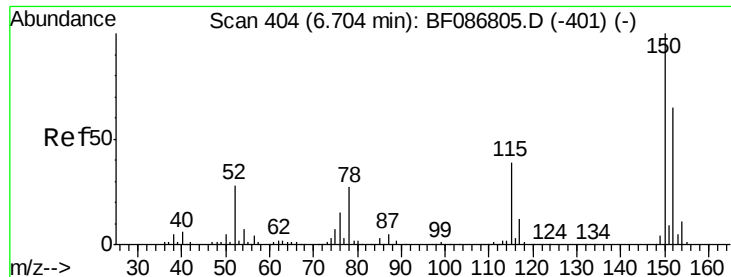
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086790.D

Acq: 7 May 2016 22:59

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

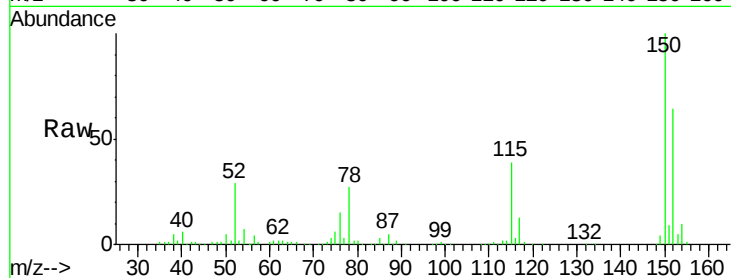
Tgt Ion:152 Resp: 152394

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

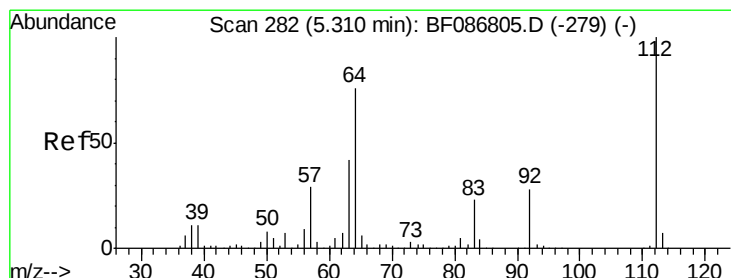
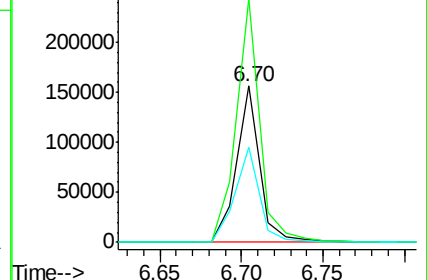
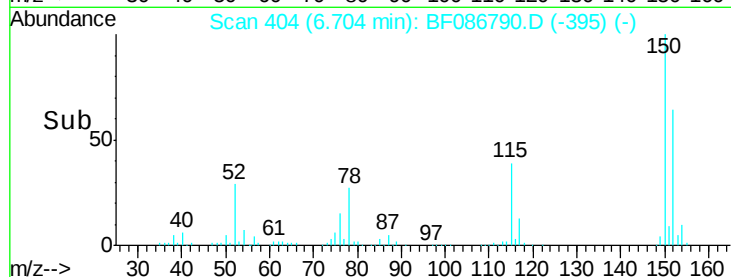
115 60.6 51.5 77.3



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: 79.22 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086790.D

Acq: 7 May 2016 22:59

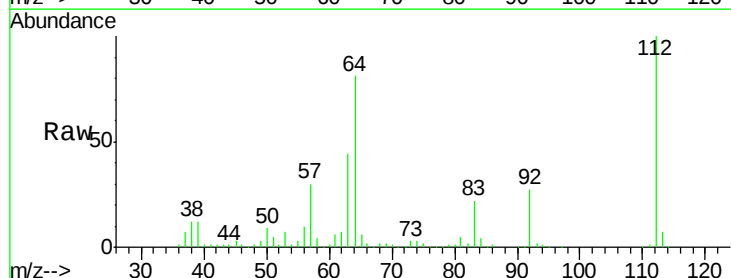
Tgt Ion:112 Resp: 729242

Ion Ratio Lower Upper

112 100

64 80.7 52.1 78.1#

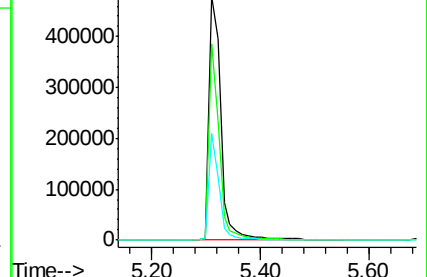
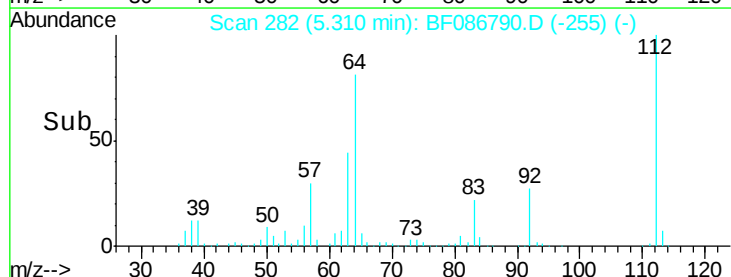
63 44.0 25.7 38.5#

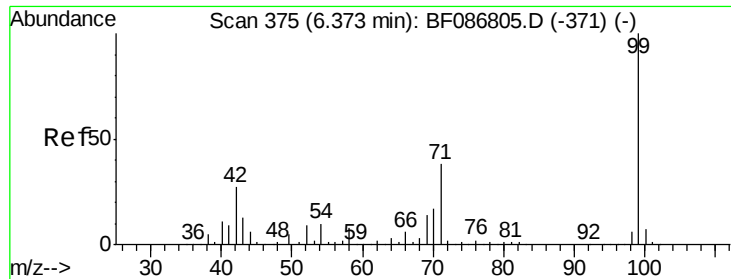


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 71.33 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086790.D

Acq: 7 May 2016 22:59

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

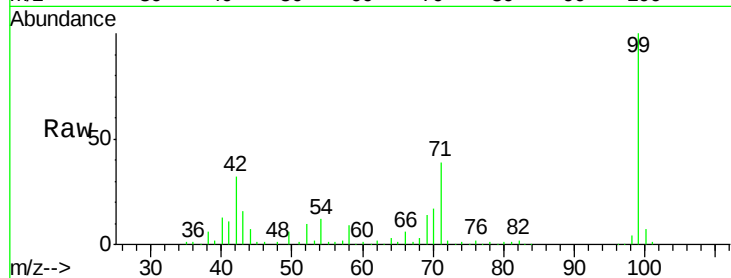
Tgt Ion: 99 Resp: 884452

Ion Ratio Lower Upper

99 100

42 32.4 13.6 20.4#

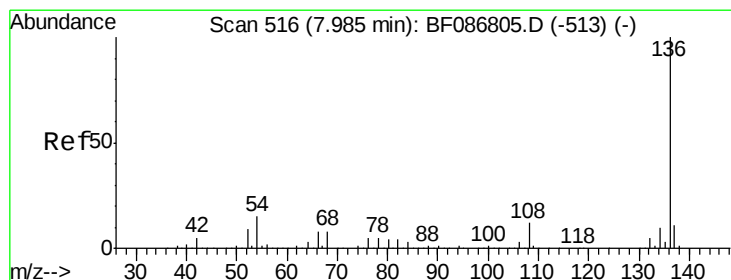
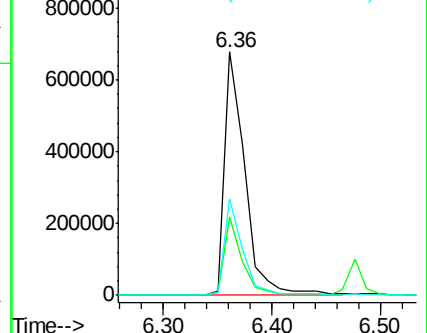
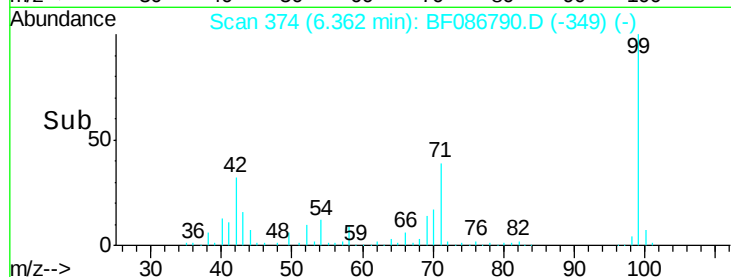
71 39.5 24.6 36.8#



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: BF086790.D

Acq: 7 May 2016 22:59

Tgt Ion: 136 Resp: 619404

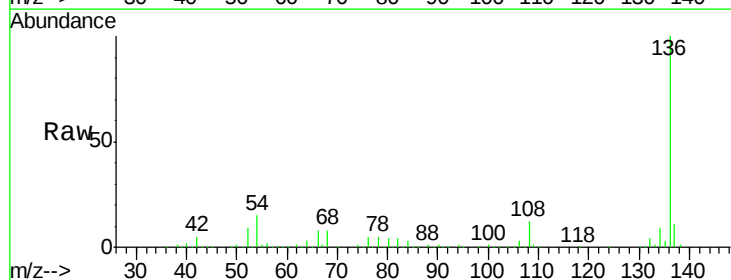
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.7 5.0 7.4#

68 7.8 4.4 6.6#

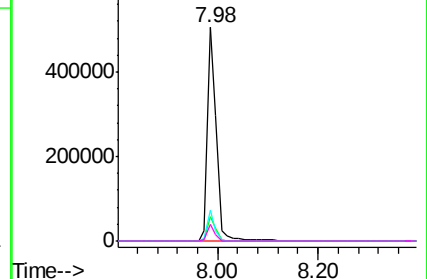
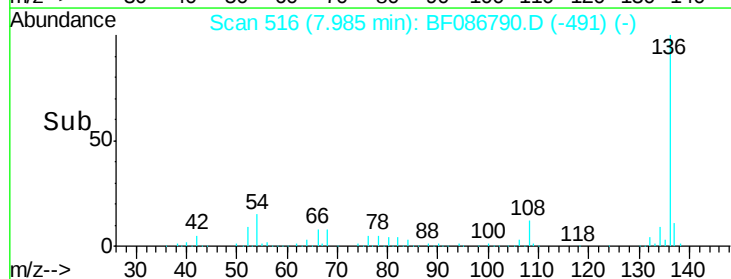


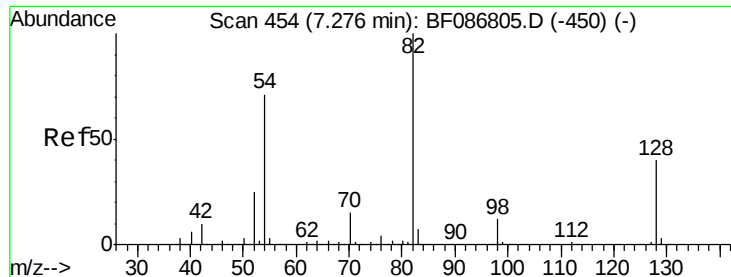
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.09 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086790.D

Acq: 7 May 2016 22:59

Instrument :

BNA_F

ClientSampleId :

HSR-WC-42-050416

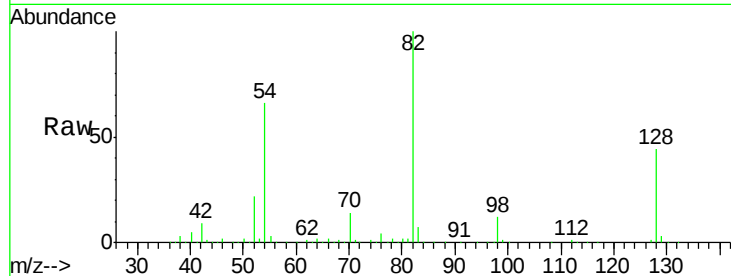
Tgt Ion: 82 Resp: 712239

Ion Ratio Lower Upper

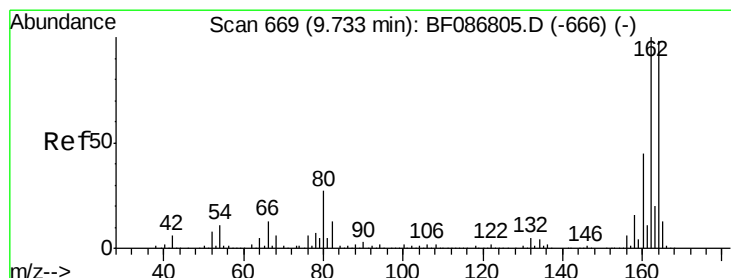
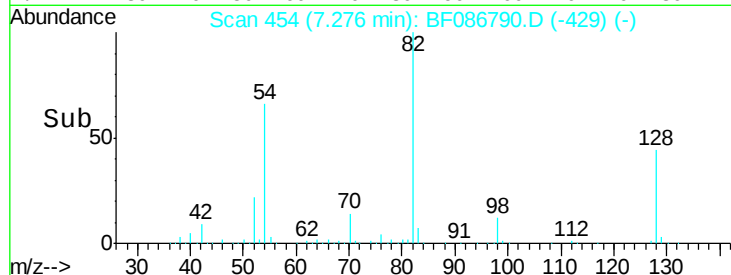
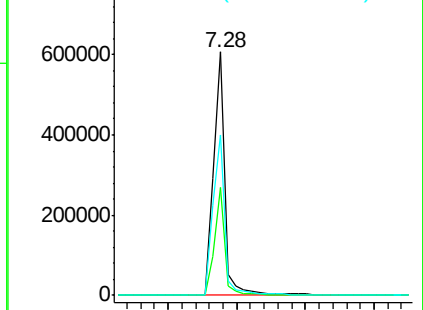
82 100

128 44.1 40.6 61.0

54 65.8 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: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF086790.D

Acq: 7 May 2016 22:59

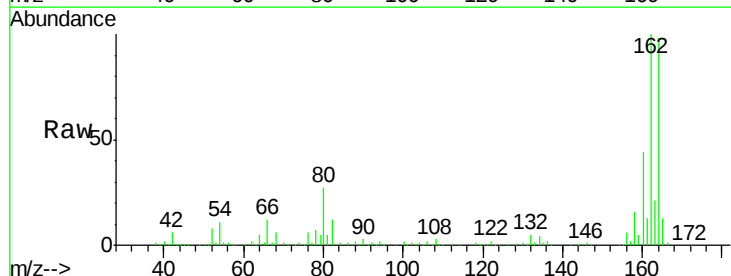
Tgt Ion: 164 Resp: 294414

Ion Ratio Lower Upper

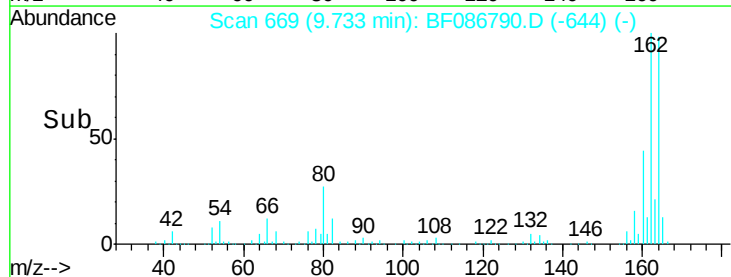
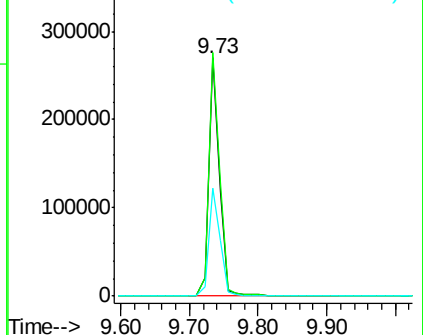
164 100

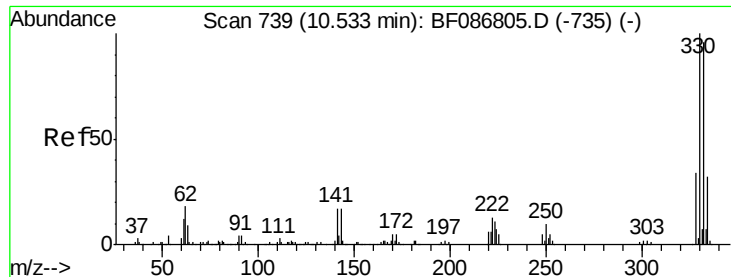
162 102.1 82.8 124.2

160 45.2 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

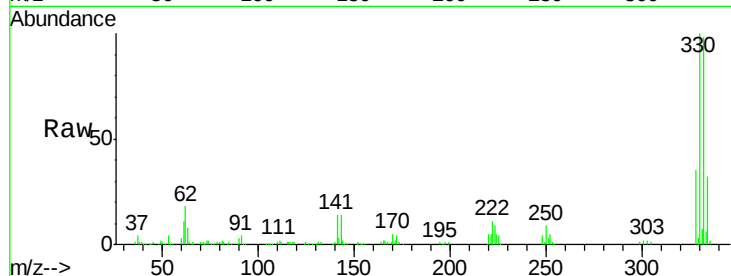




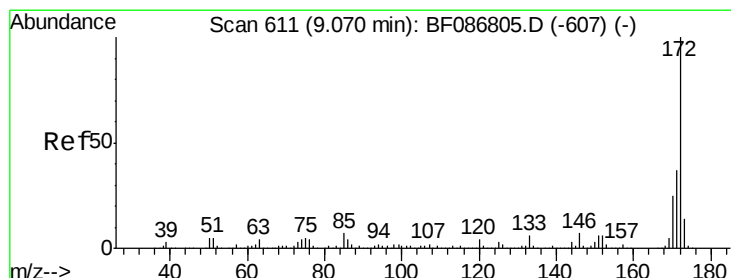
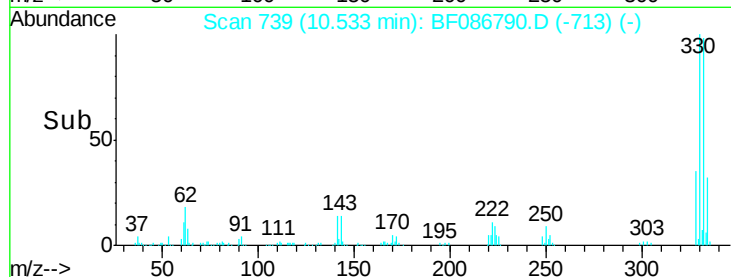
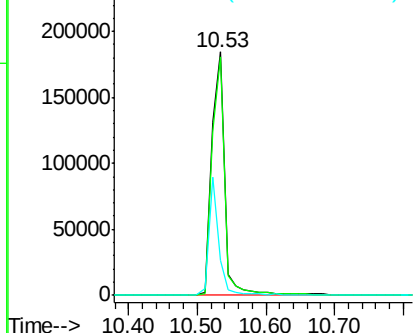
#41
 2,4,6-Tribromophenol
 Concen: 86.16 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086790.D
 Acq: 7 May 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	37.4	31.2	46.8

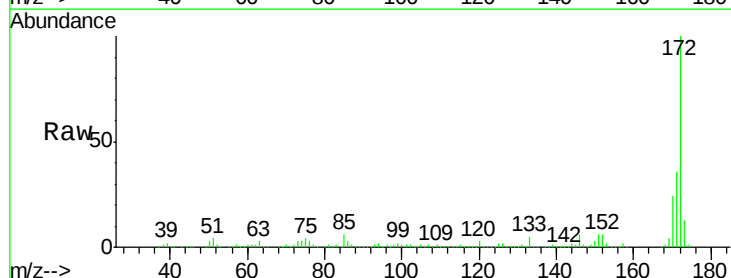


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

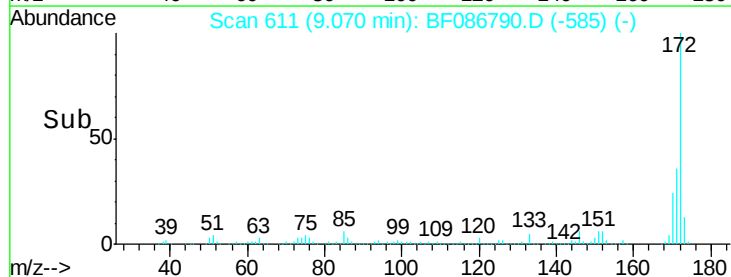
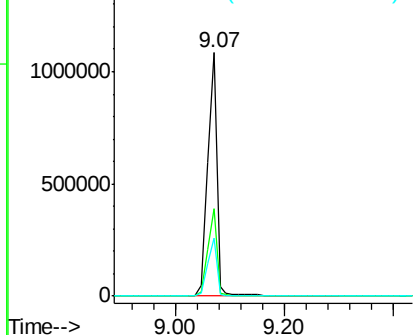


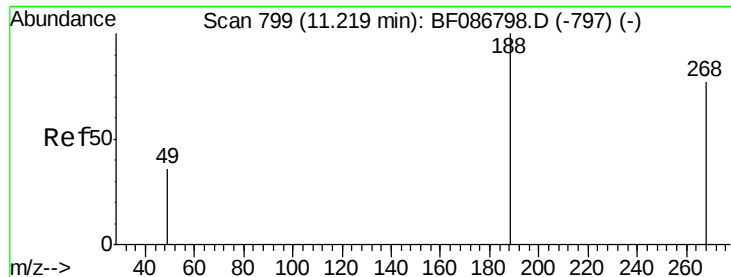
#44
 2-Fluorobiphenyl
 Concen: 70.57 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086790.D
 Acq: 7 May 2016 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.0	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

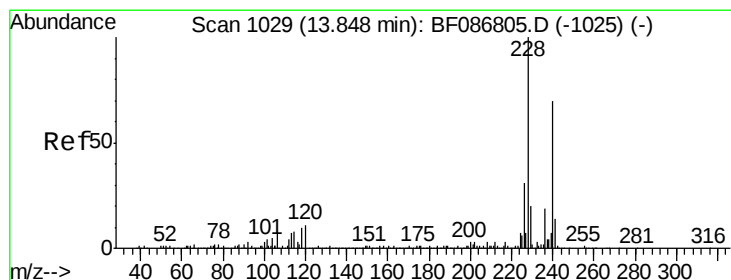
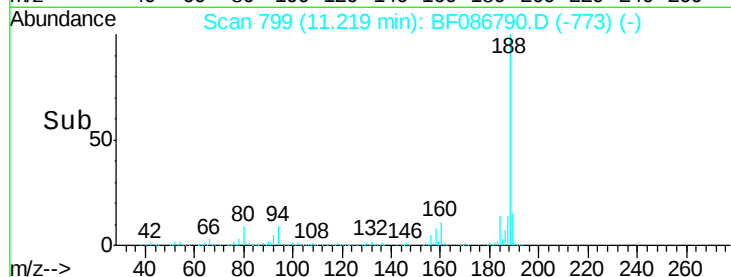
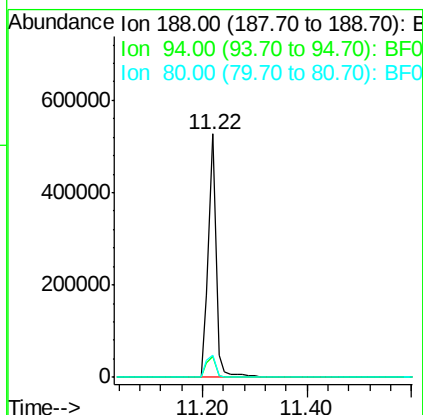
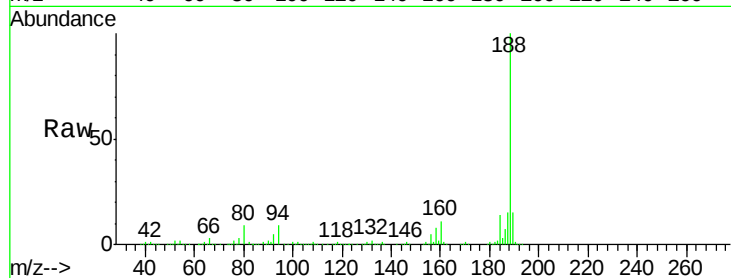




#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF086790.D
Acq: 7 May 2016 22:59

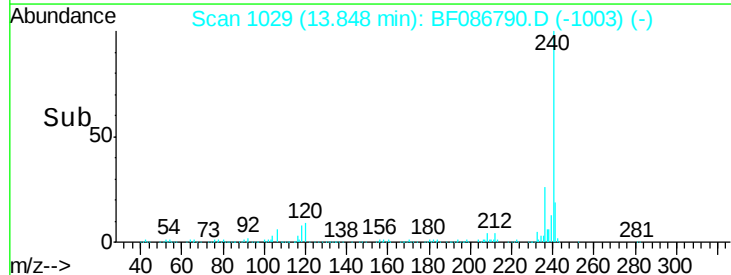
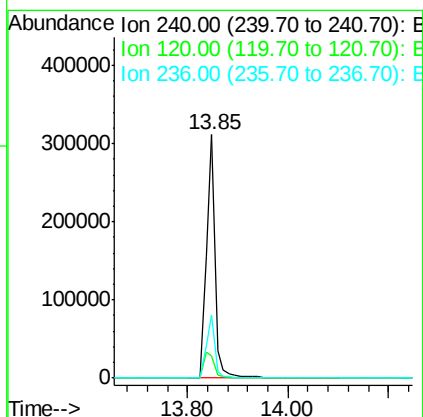
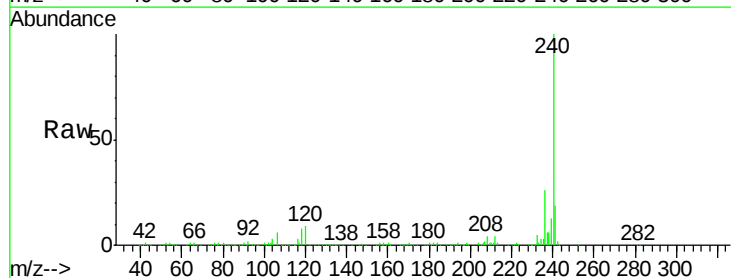
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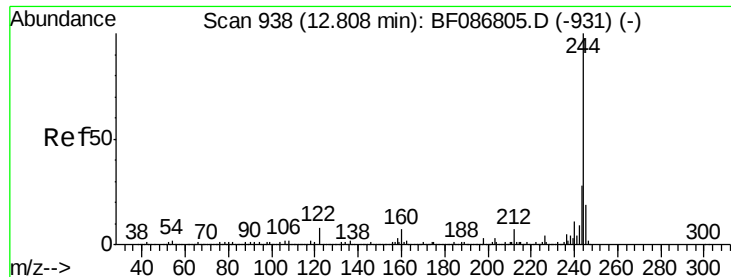
Tgt Ion:188 Resp: 555813
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.1 7.1 10.7



#75
Chrysene-d12
Concen: 40.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF086790.D
Acq: 7 May 2016 22:59

Tgt Ion:240 Resp: 372216
Ion Ratio Lower Upper
240 100
120 8.9 11.2 16.8#
236 25.9 21.2 31.8

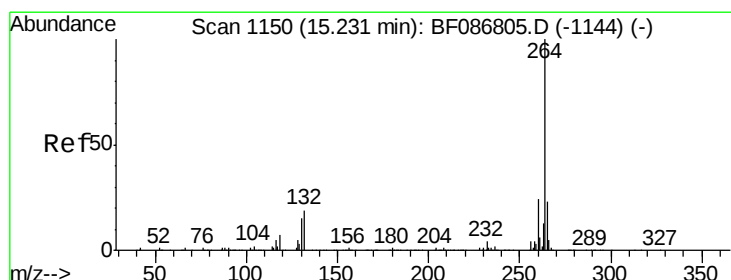
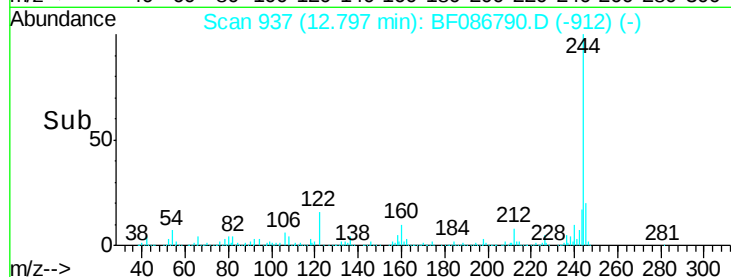
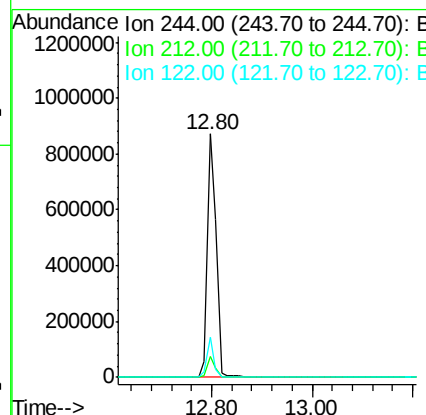
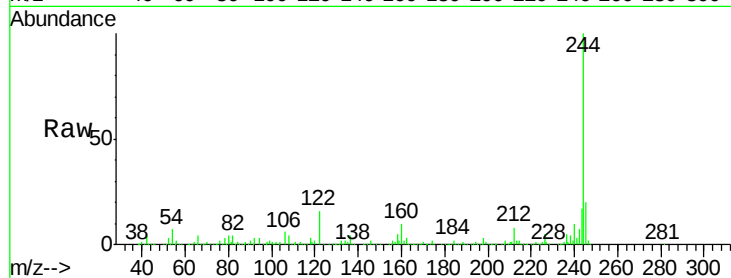




#78
 Terphenyl-d14
 Concen: 57.87 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF086790.D
 Acq: 7 May 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-42-050416

Tgt Ion:244 Resp: 1065769
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 16.2 12.0 18.0



#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF086790.D
 Acq: 7 May 2016 22:59

Tgt Ion:264 Resp: 298627
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.0 17.3 25.9

