

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
 Data File : BF086787.D
 Acq On : 7 May 2016 21:31
 Operator : UM/SJ
 Sample : H2879-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Quant Time: May 08 03:52:05 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	178060	40.00	ng	0.00
21) Naphthalene-d8	7.98	136	701905	40.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	322180	40.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	571087	40.00	ng	0.00
75) Chrysene-d12	13.85	240	404740	40.00	ng	0.00
86) Perylene-d12	15.22	264	312909	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	768659	71.47	ng	0.01
7) Phenol-d6	6.36	99	633431	43.72	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1270690	93.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	476299	151.13	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1936342	98.52	ng	0.00
78) Terphenyl-d14	12.81	244	1635841	81.68	ng	0.00

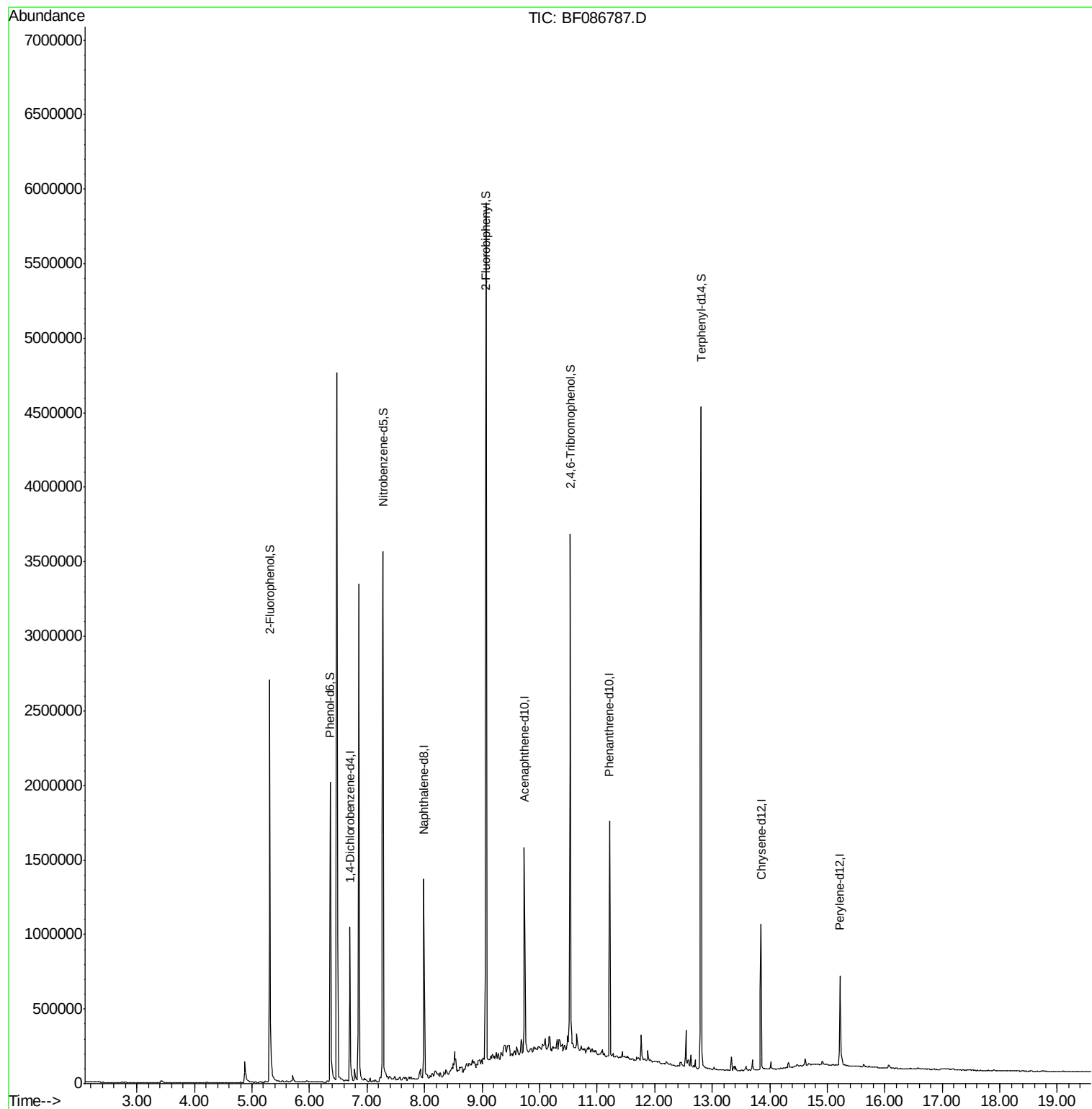
Target Compounds	Qvalue
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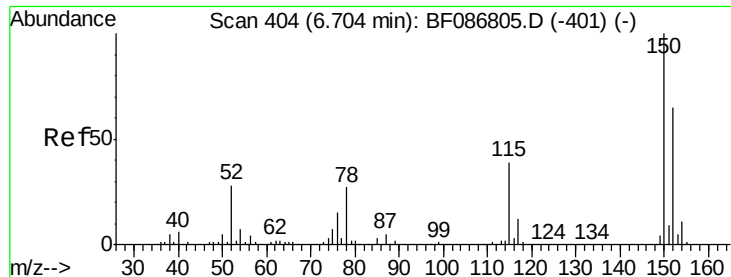
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

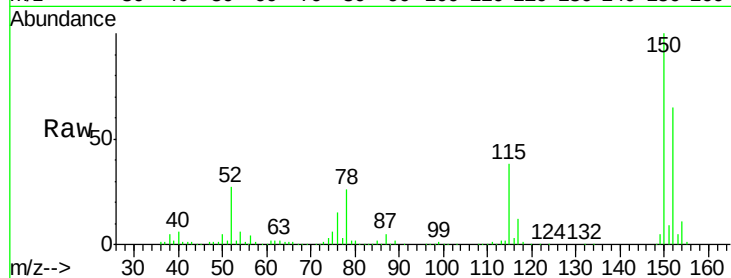
Tgt Ion:152 Resp: 178060

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.6

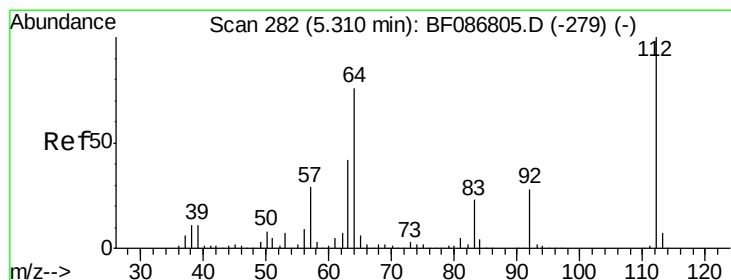
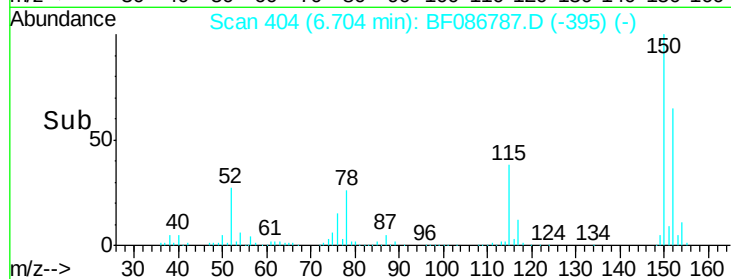
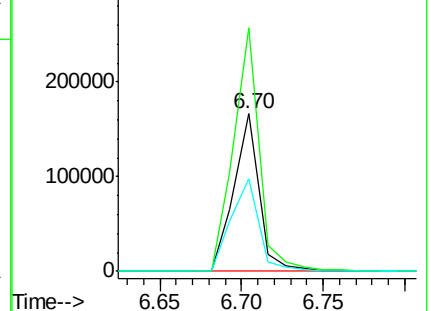
115 59.1 51.5 77.3



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: 71.47 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

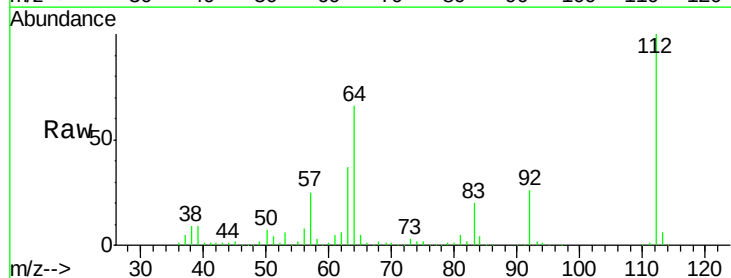
Tgt Ion:112 Resp: 768659

Ion Ratio Lower Upper

112 100

64 66.5 52.1 78.1

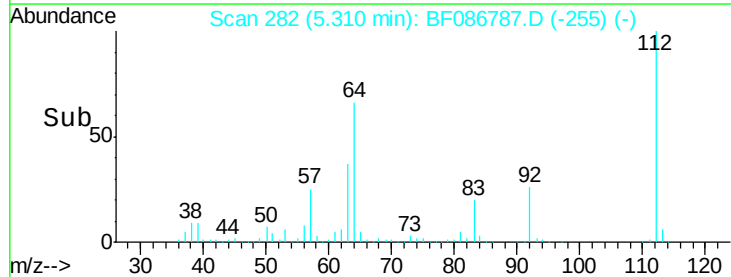
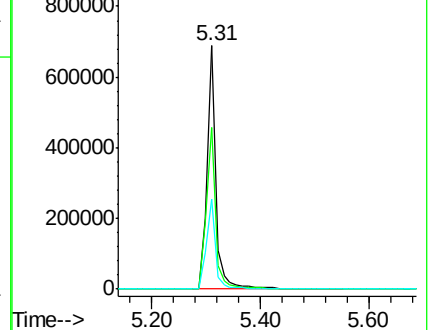
63 36.7 25.7 38.5

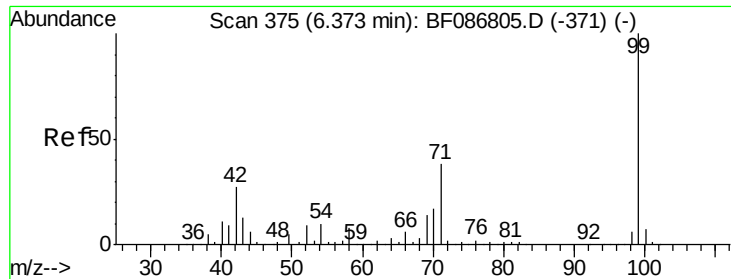


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.72 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

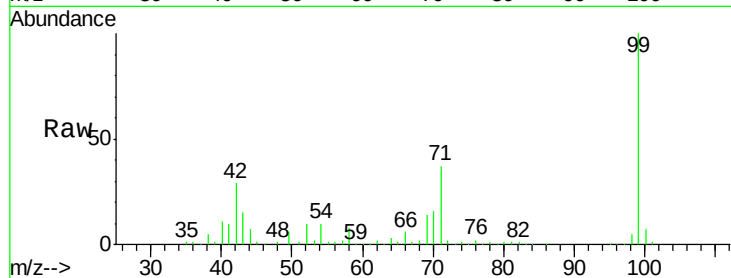
Tgt Ion: 99 Resp: 633431

Ion Ratio Lower Upper

99 100

42 28.9 13.6 20.4#

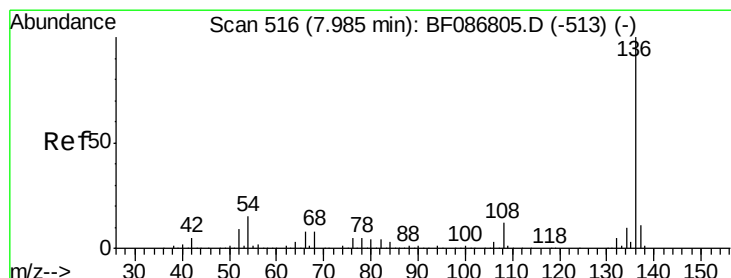
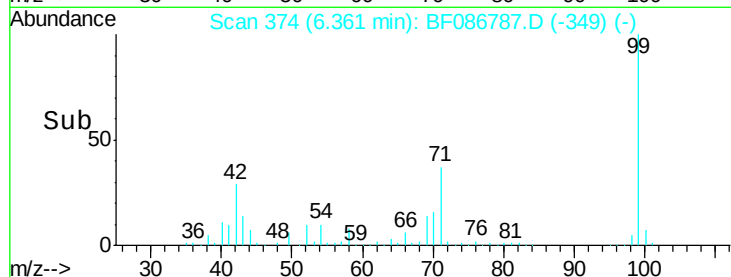
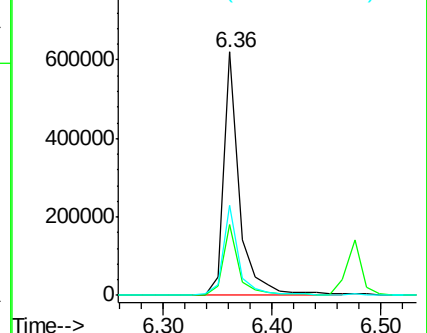
71 36.9 24.6 36.8#



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: BF086787.D

Acq: 7 May 2016 21:31

Tgt Ion: 136 Resp: 701905

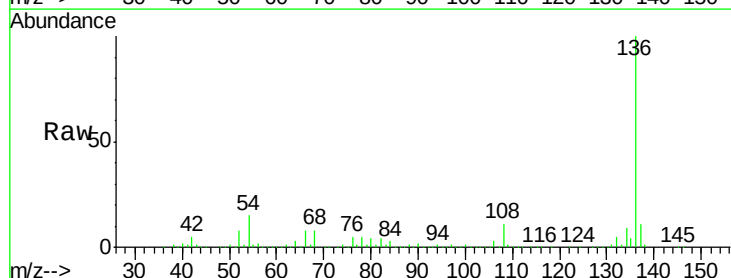
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.9 5.0 7.4#

68 7.9 4.4 6.6#

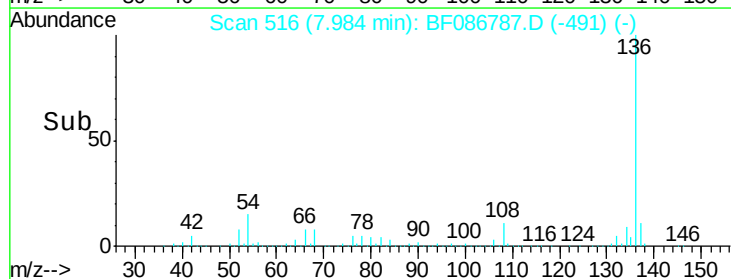
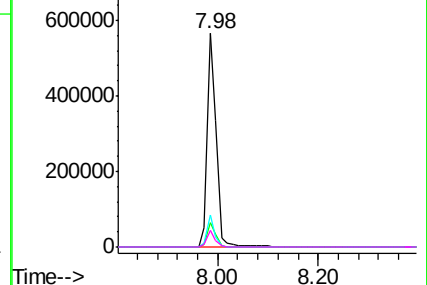


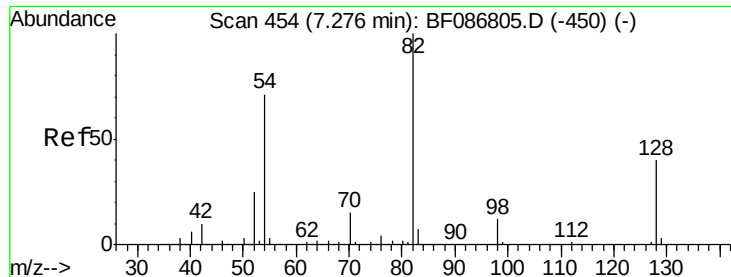
Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.03 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

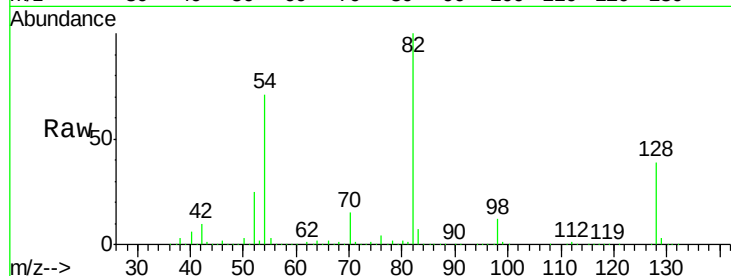
Tgt Ion: 82 Resp: 1270690

Ion Ratio Lower Upper

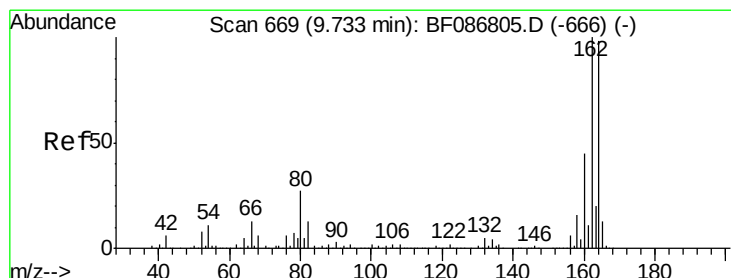
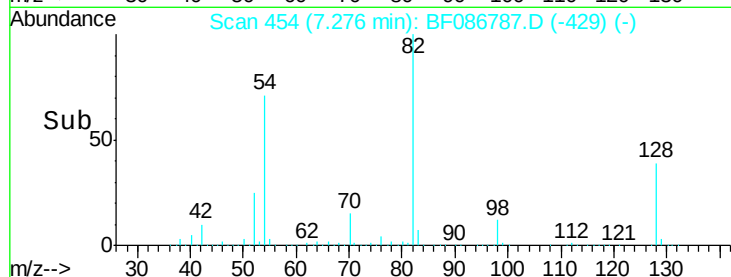
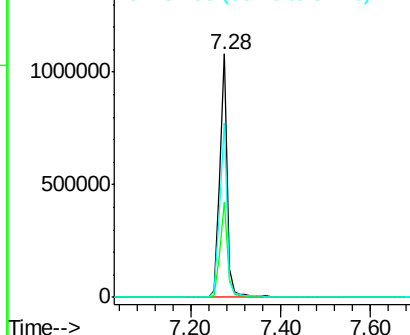
82 100

128 38.9 40.6 61.0#

54 71.5 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: BF086787.D

Acq: 7 May 2016 21:31

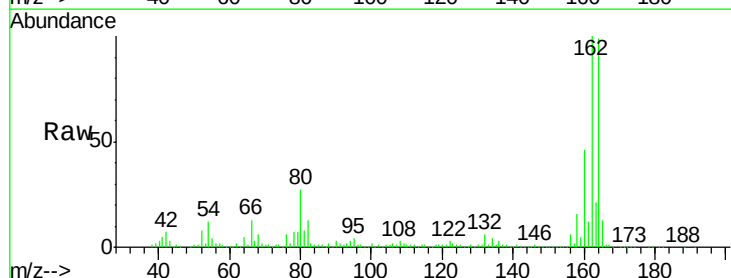
Tgt Ion: 164 Resp: 322180

Ion Ratio Lower Upper

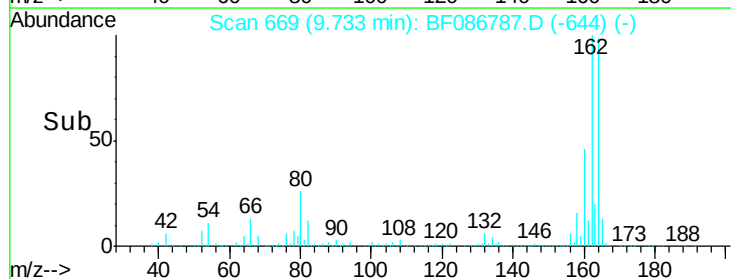
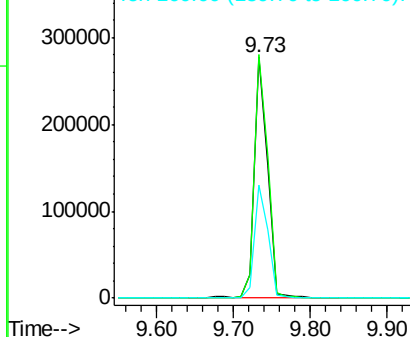
164 100

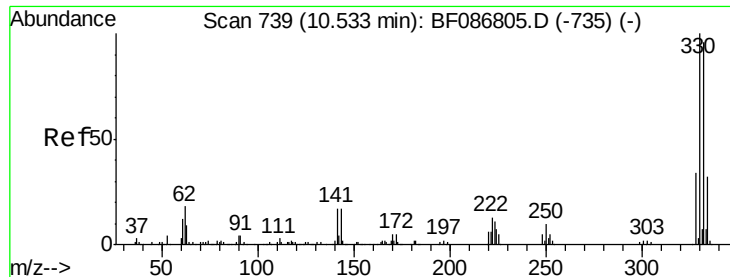
162 101.2 82.8 124.2

160 46.8 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

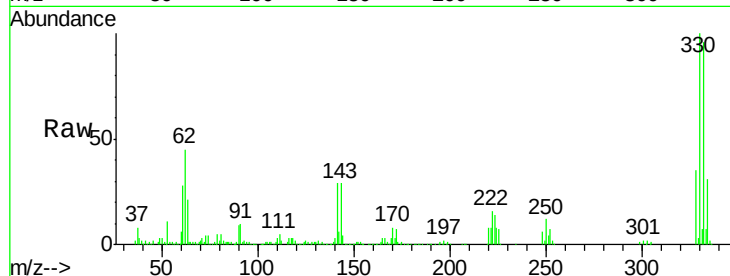




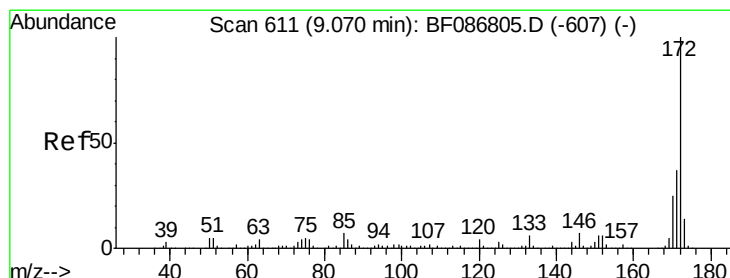
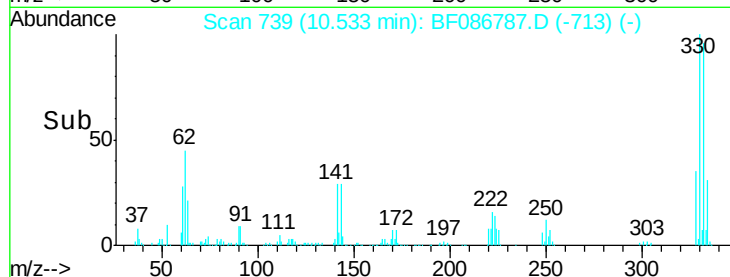
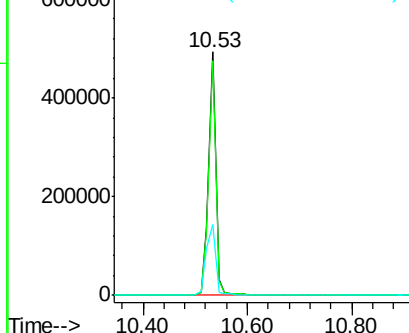
#41
 2,4,6-Tribromophenol
 Concen: 151.13 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Instrument :
 BNA_F
 ClientSampleId :
 URSMW-11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.0	118.4
141	37.4	31.2	46.8

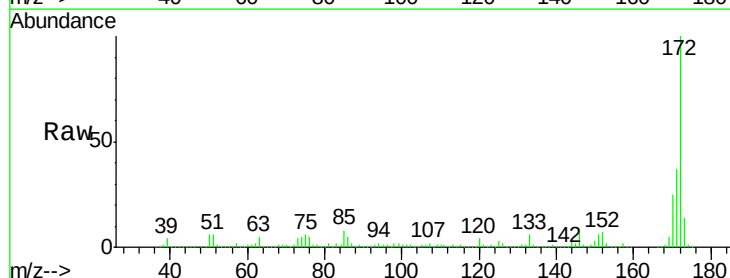


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

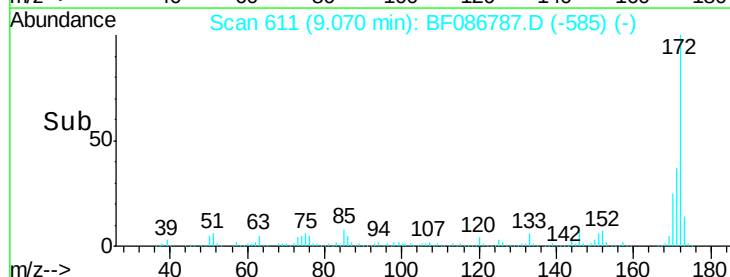
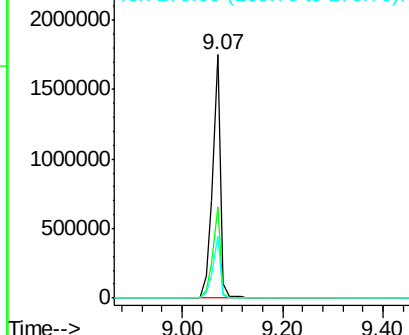


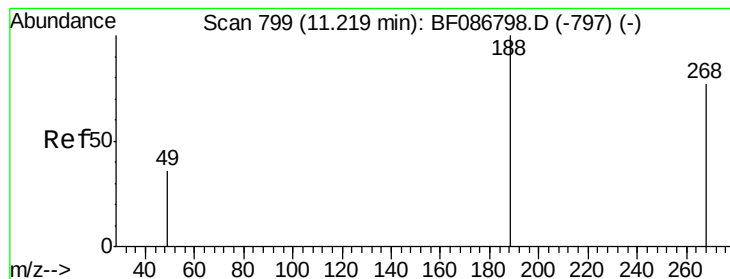
#44
 2-Fluorobiphenyl
 Concen: 98.52 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF086787.D
 Acq: 7 May 2016 21:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	25.1	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: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

ClientSampleId :

URSMW-11

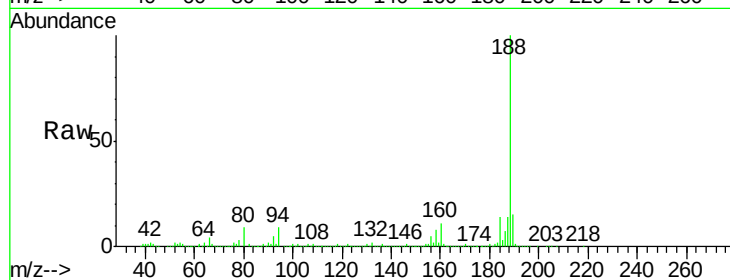
Tgt Ion:188 Resp: 571087

Ion Ratio Lower Upper

188 100

94 8.9 6.8 10.2

80 9.3 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

800000

600000

400000

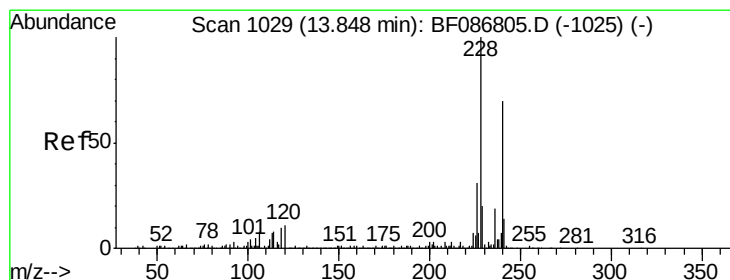
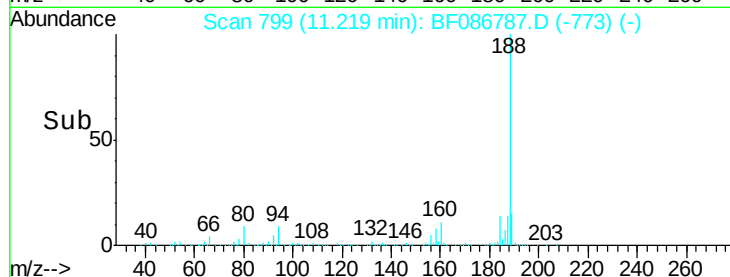
200000

0

11.10 11.20

11.22

Time-->



#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

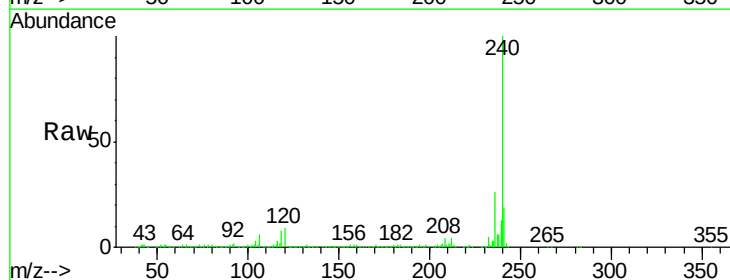
Tgt Ion:240 Resp: 404740

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

236 26.3 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

500000

400000

300000

200000

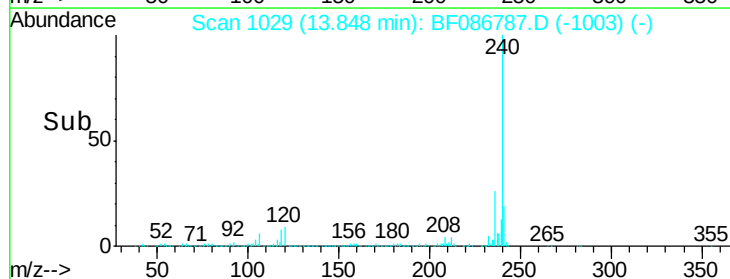
100000

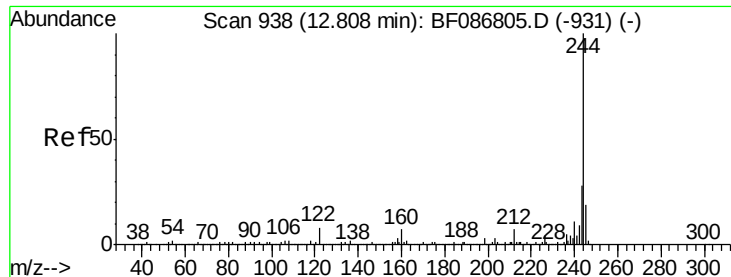
0

13.80 14.00

13.85

Time-->





#78

Terphenyl-d14

Concen: 81.68 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF086787.D

Acq: 7 May 2016 21:31

Instrument :

BNA_F

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URSMW-11

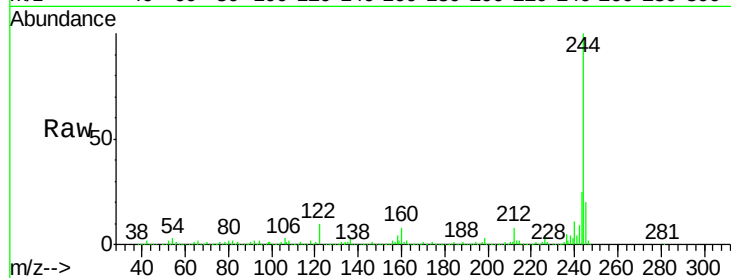
Tgt Ion:244 Resp: 1635841

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

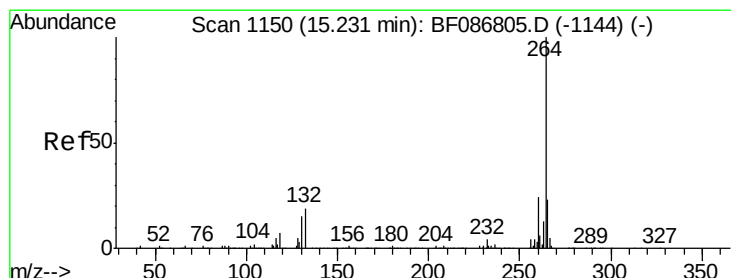
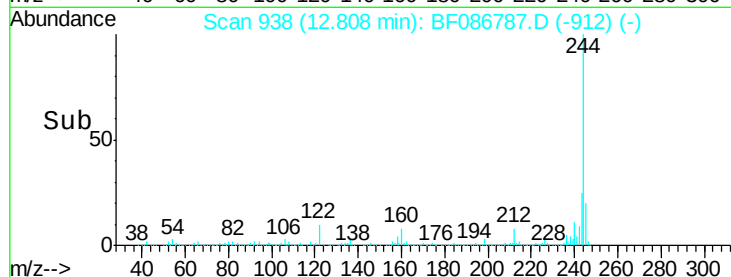
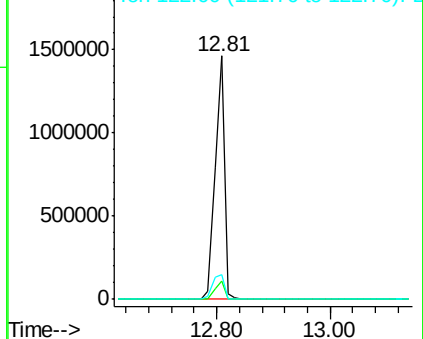
122 10.0 12.0 18.0#



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: BF086787.D

Acq: 7 May 2016 21:31

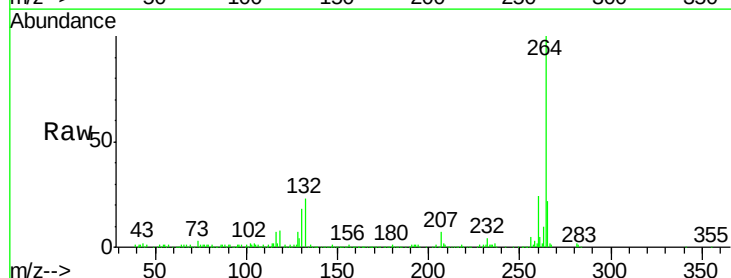
Tgt Ion:264 Resp: 312909

Ion Ratio Lower Upper

264 100

260 23.9 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

