

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087019.D
 Acq On : 14 May 2016 14:45
 Operator : UM/SJ
 Sample : H2990-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

Quant Time: May 16 02:06:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	140049	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	564241	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	252882	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	472797	20.00	ng	0.00
75) Chrysene-d12	13.75	240	336348	20.00	ng	-0.01
86) Perylene-d12	15.11	264	291075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	780854	94.42	ng	0.01
7) Phenol-d6	6.27	99	712839	64.50	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1032247	91.86	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	420007	156.88	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1501615	99.80	ng	0.00
78) Terphenyl-d14	12.72	244	1403702	88.55	ng	0.01

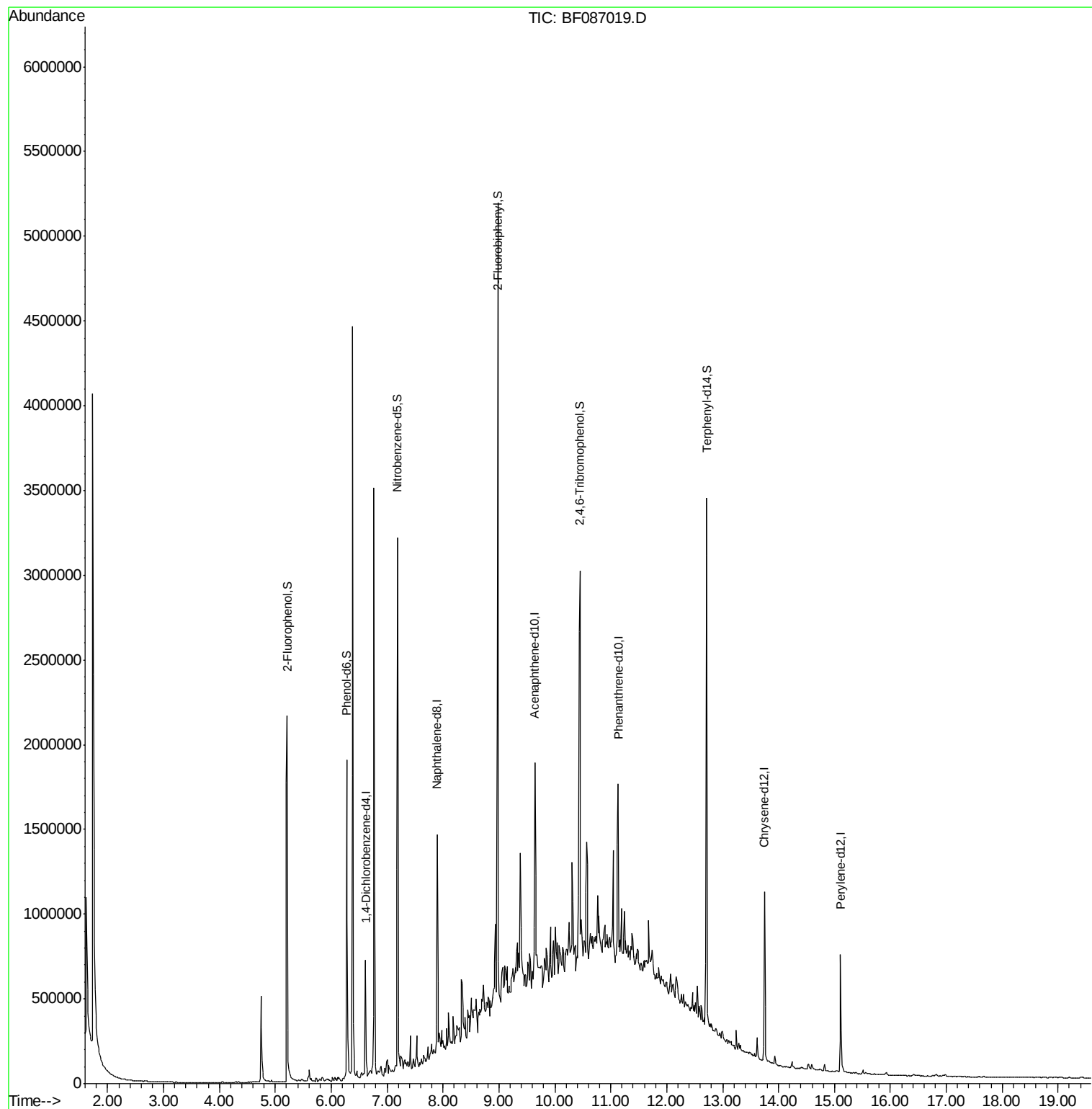
Target Compounds Qvalue

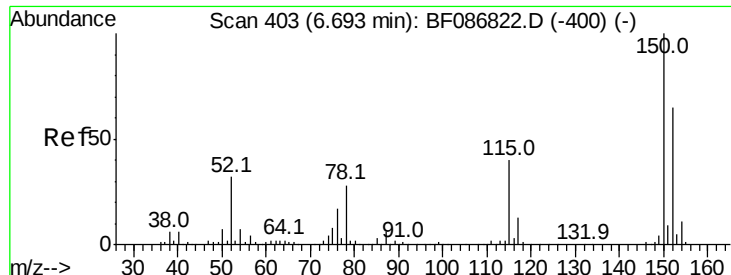
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

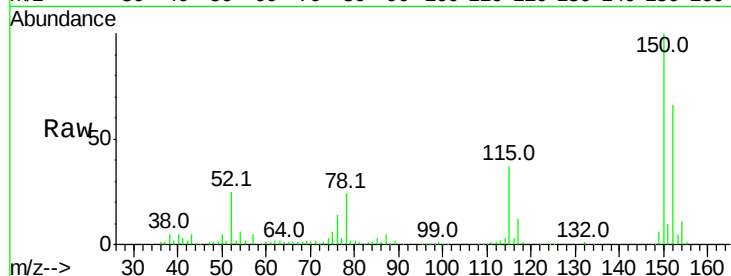
Tot Ion:152 Resp: 140049

Ion Ratio Lower Upper

152 100

150 152.2 125.8 188.6

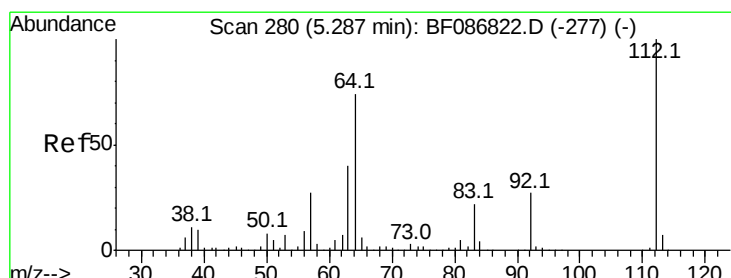
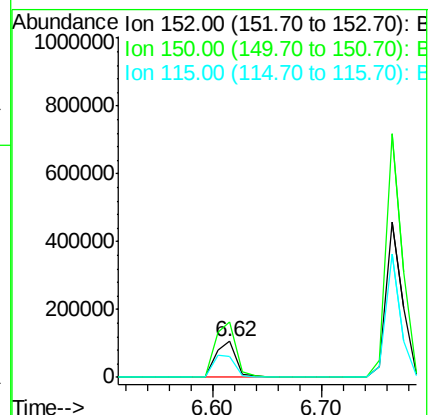
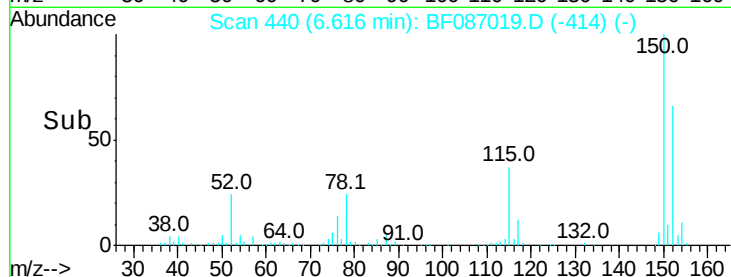
115 56.2 51.5 77.3



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: 94.42 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

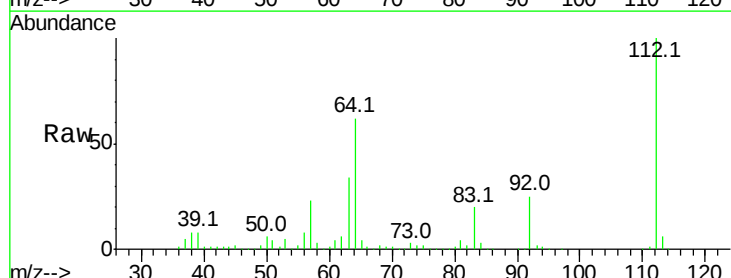
Tgt Ion:112 Resp: 780854

Ion Ratio Lower Upper

112 100

64 62.3 52.1 78.1

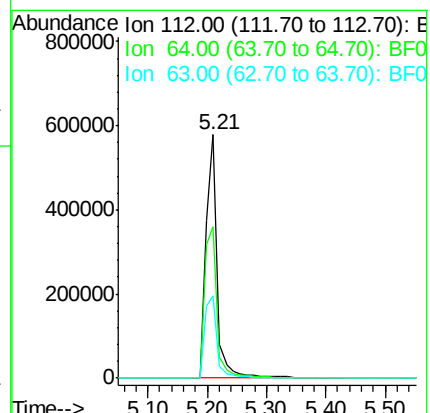
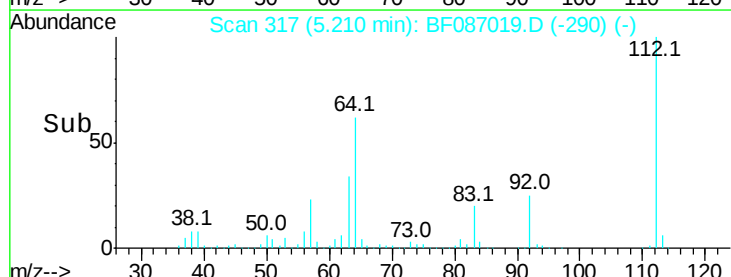
63 34.1 25.7 38.5

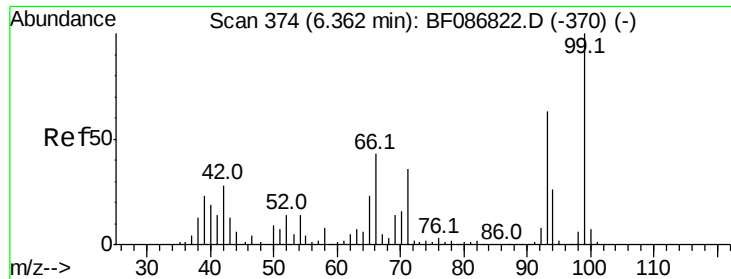


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 64.50 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

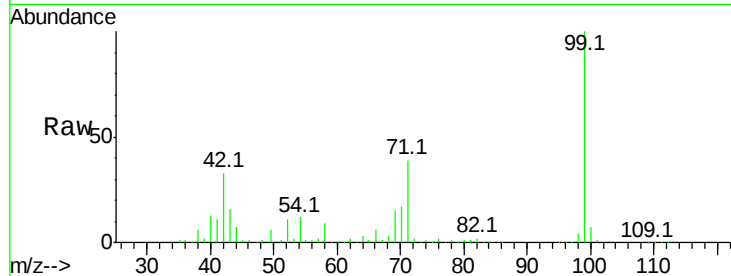
Tot Ion: 99 Resp: 712839

Ion Ratio Lower Upper

99 100

42 32.8 13.6 20.4#

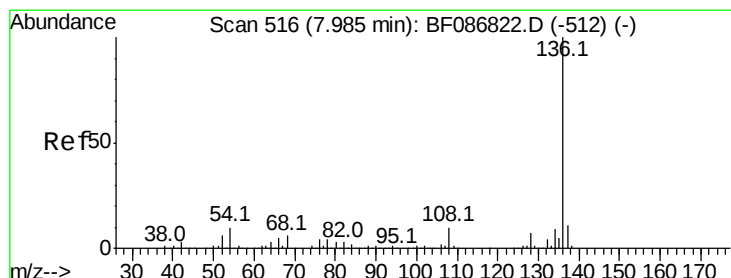
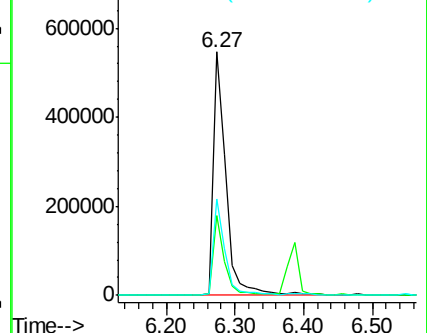
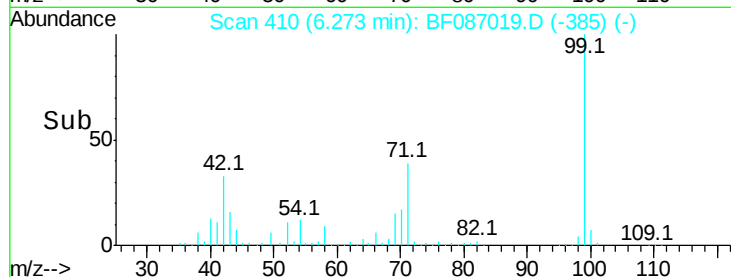
71 39.4 24.6 36.8#



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: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Tgt Ion: 136 Resp: 564241

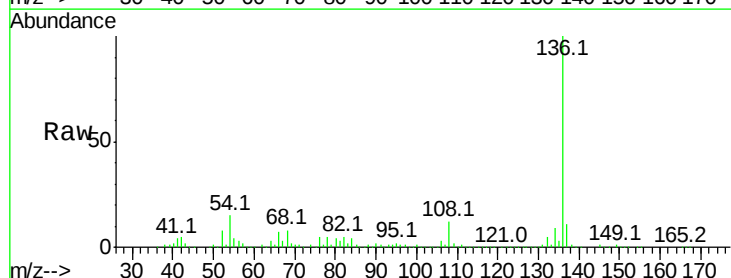
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 14.6 5.0 7.4#

68 7.7 4.4 6.6#

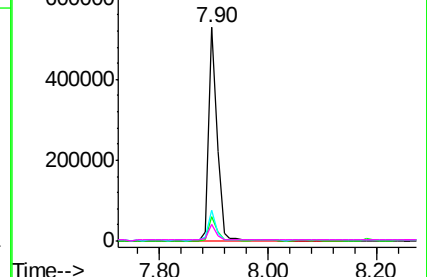
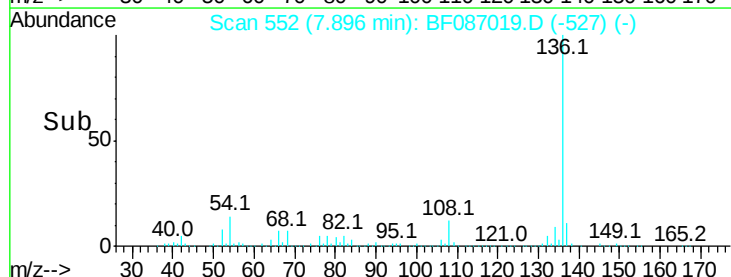


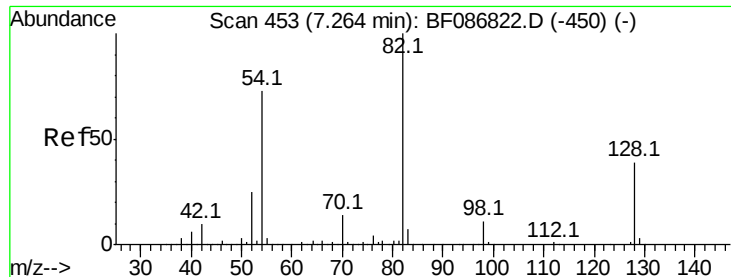
Abundance Ion 136.00 (135.70 to 136.70): E

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

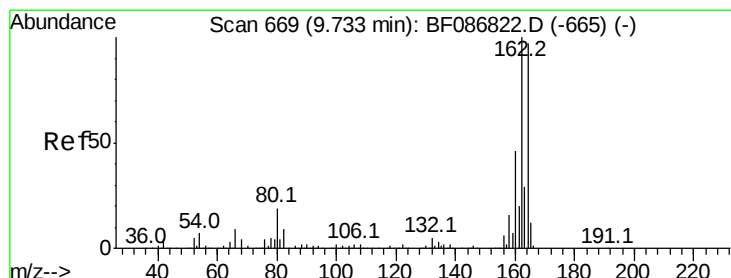
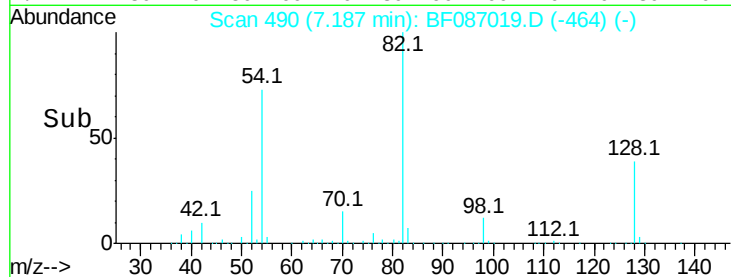
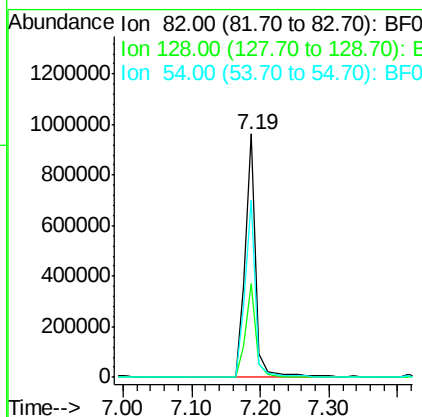
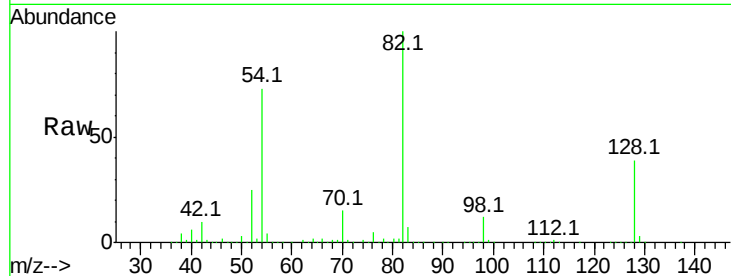




#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

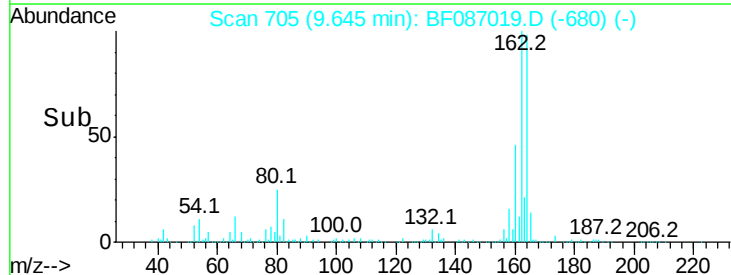
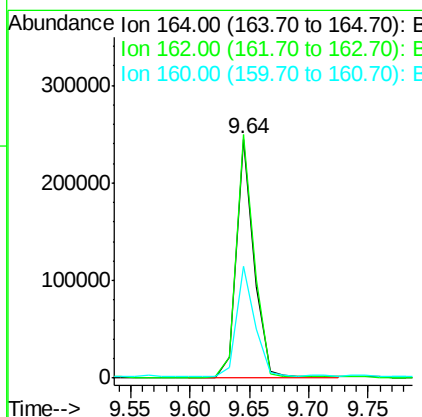
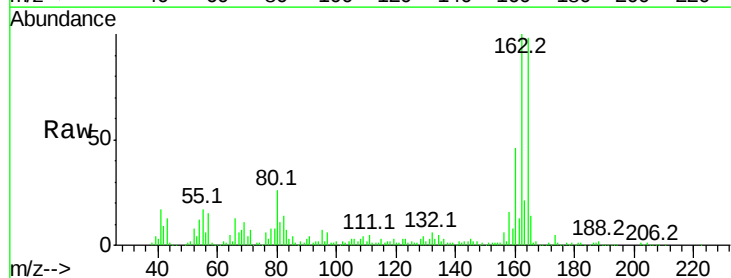
Instrument :
 BNA_F
 ClientSampleId :
 OWL-C6-GW

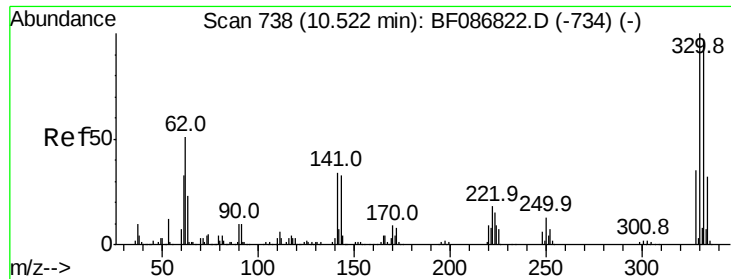
Tot Ion: 82 Resp: 1032247
 Ion Ratio Lower Upper
 82 100
 128 38.6 40.6 61.0#
 54 72.6 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.01 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion:164 Resp: 252882
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.8 124.2
 160 46.8 36.9 55.3

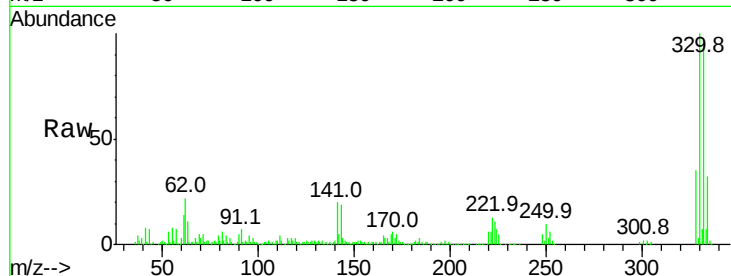




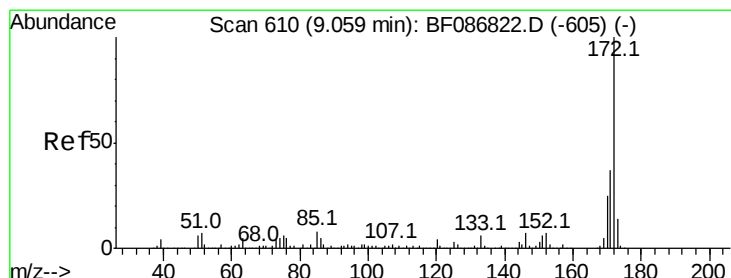
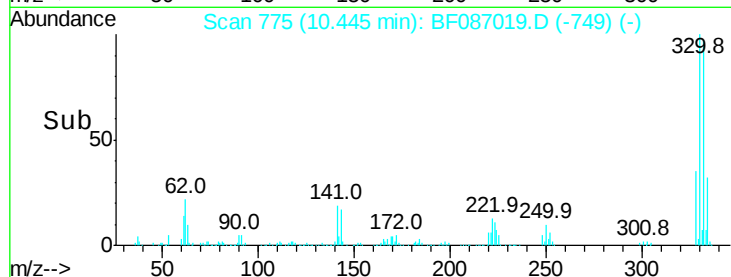
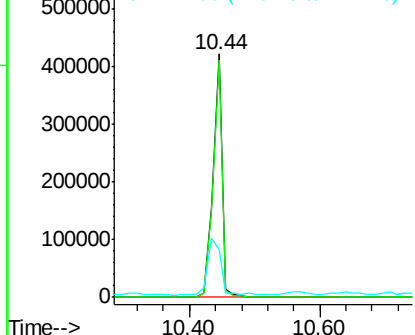
#41
 2,4,6-Tribromophenol
 Concen: 156.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Instrument :
 BNA_F
 ClientSampled :
 OWL-C6-GW

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.0	118.4
141	32.7	31.2	46.8

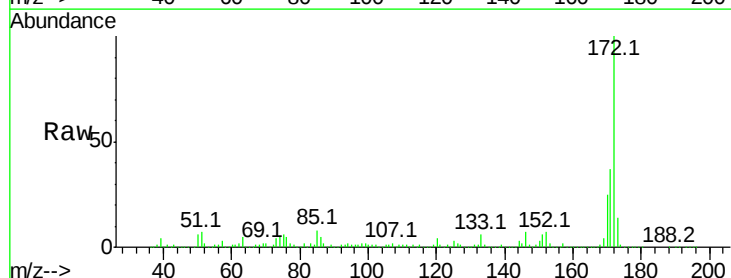


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

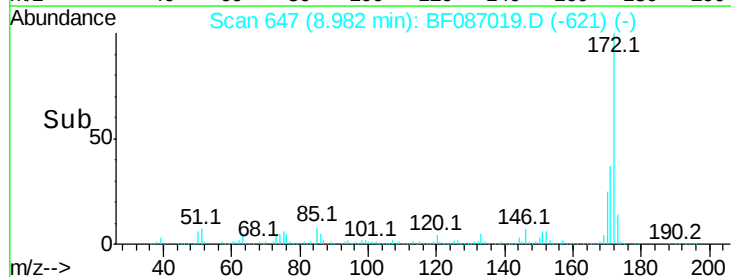
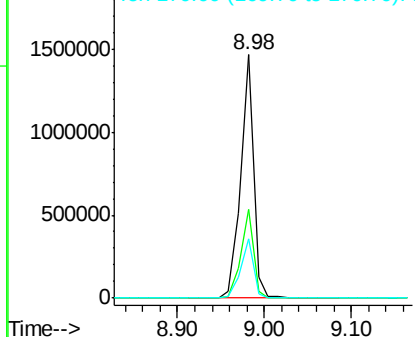


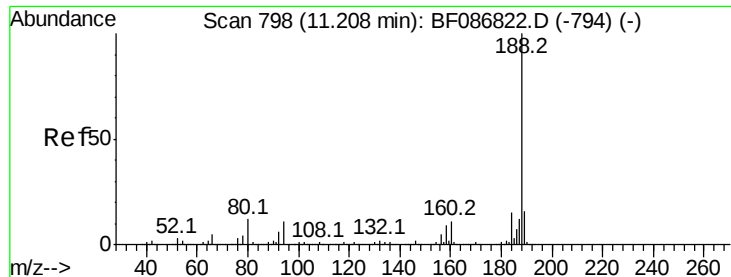
#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF087019.D
 Acq: 14 May 2016 14:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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

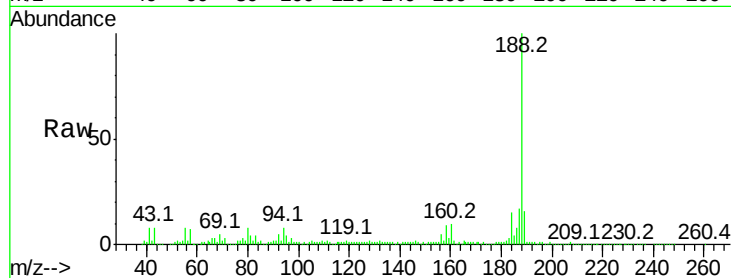




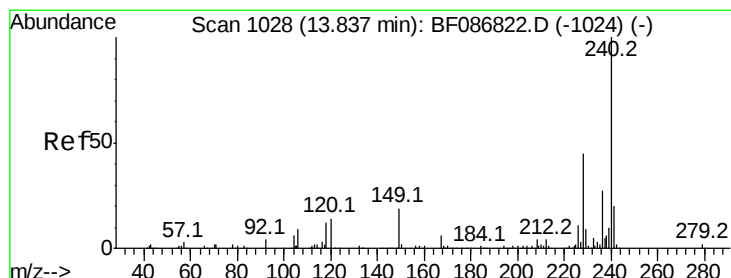
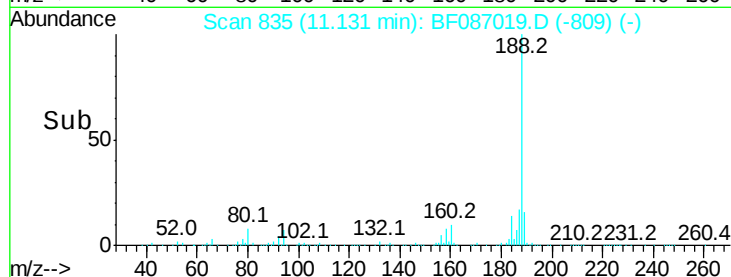
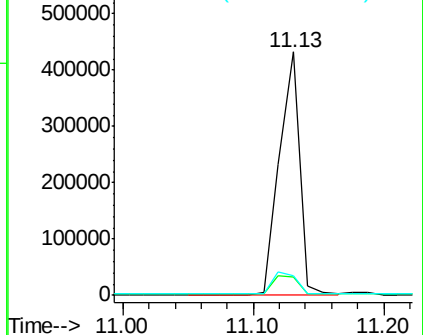
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Instrument :
BNA_F
ClientSampleId :
OWL-C6-GW

Tot Ion:188 Resp: 472797
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.1 10.7

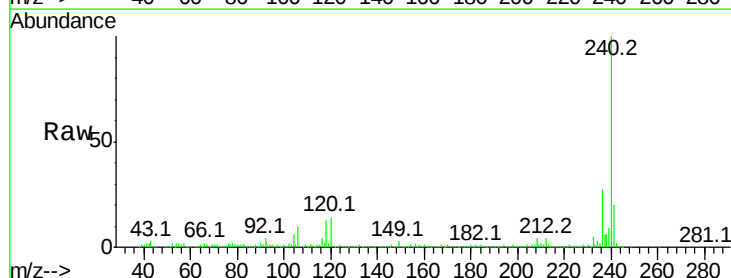


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

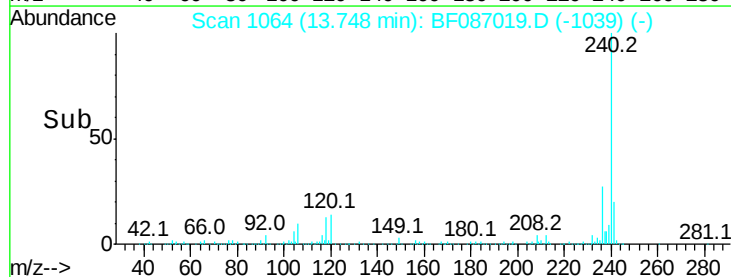
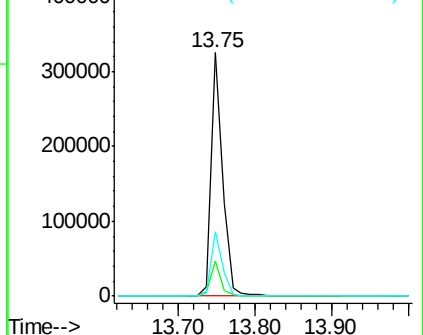


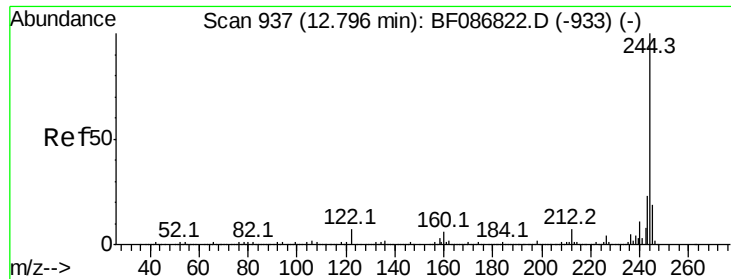
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF087019.D
Acq: 14 May 2016 14:45

Tgt Ion:240 Resp: 336348
Ion Ratio Lower Upper
240 100
120 14.4 11.2 16.8
236 26.5 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: 88.55 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

Instrument :

BNA_F

ClientSampleId :

OWL-C6-GW

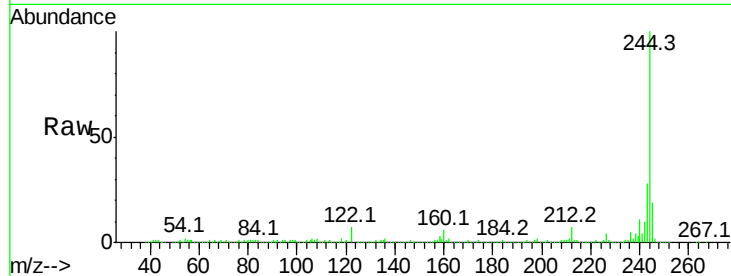
Tot Ion:244 Resp: 1403702

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

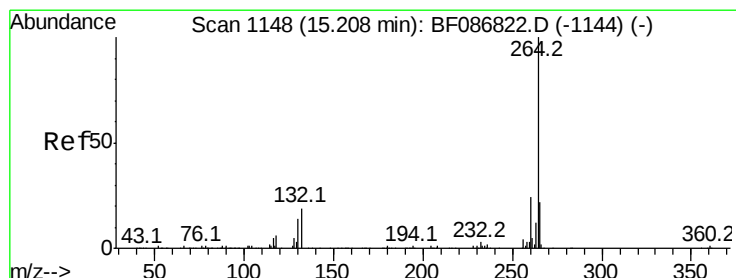
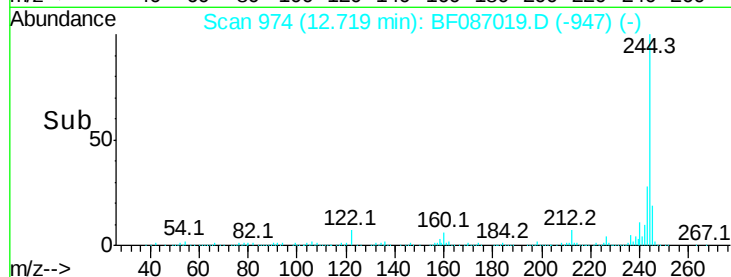
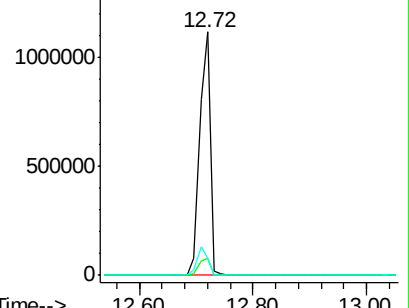
122 7.1 12.0 18.0#



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: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF087019.D

Acq: 14 May 2016 14:45

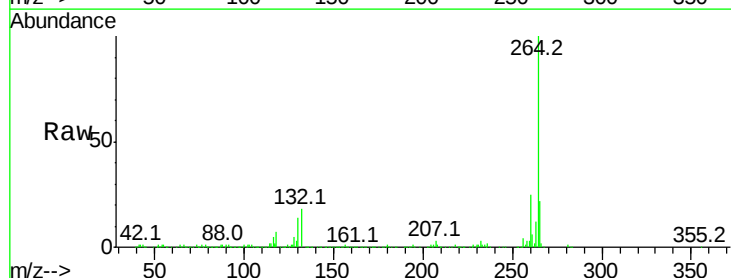
Tgt Ion:264 Resp: 291075

Ion Ratio Lower Upper

264 100

260 24.8 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

