

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087004.D
 Acq On : 14 May 2016 7:31
 Operator : UM/SJ
 Sample : H2966-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: May 16 01:23:19 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	137024	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	492970	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	180921	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	408989	20.00	ng	0.01
75) Chrysene-d12	13.75	240	260016	20.00	ng	-0.01
86) Perylene-d12	15.11	264	265137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	517276	63.93	ng	0.00
7) Phenol-d6	6.31	99	442607	40.93	ng	0.02
23) Nitrobenzene-d5	7.19	82	927665	94.49	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	358356	187.10	ng	0.02
44) 2-Fluorobiphenyl	8.99	172	1229642	114.23	ng	0.01
78) Terphenyl-d14	12.72	244	1028740	83.94	ng	0.01

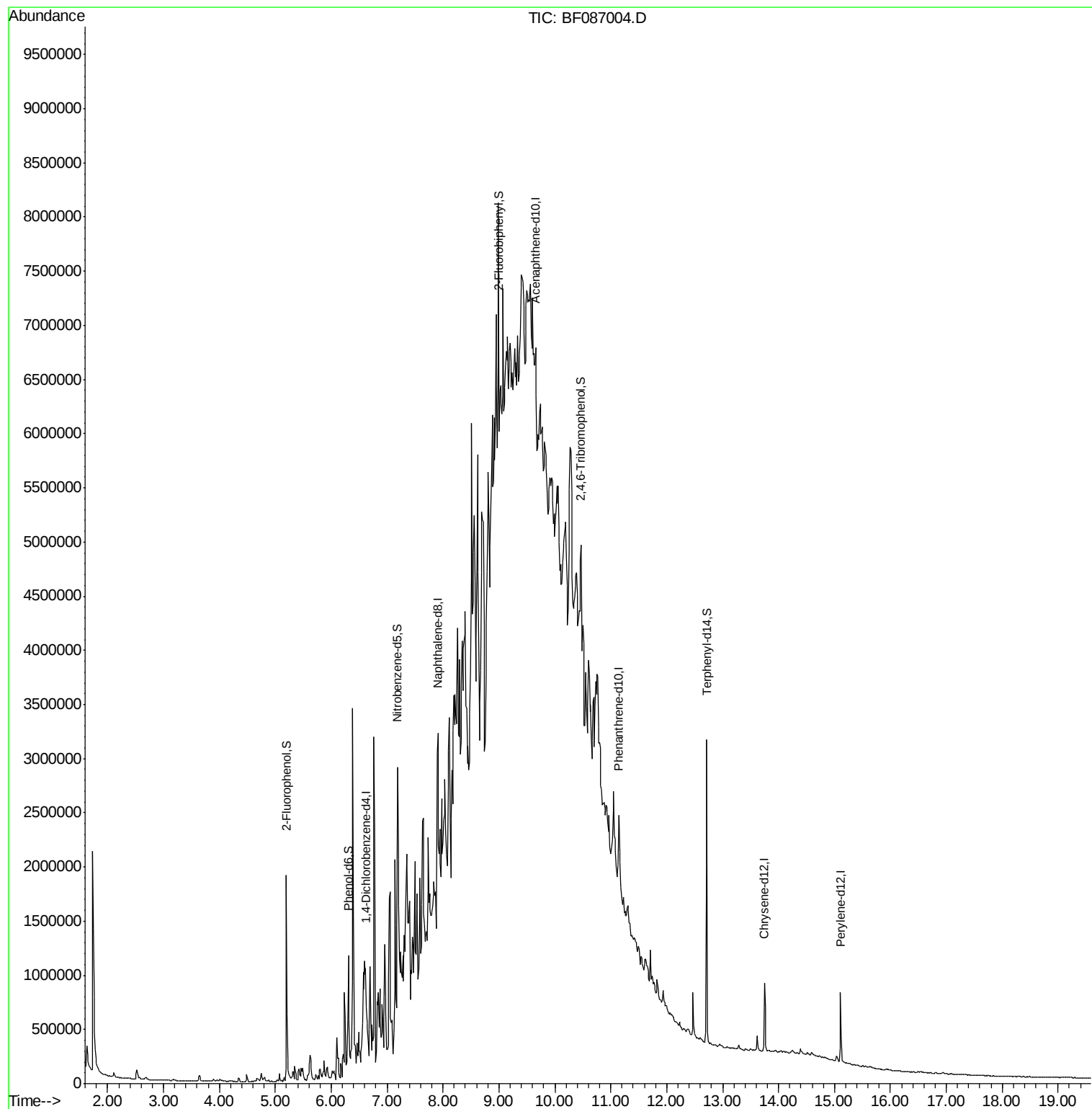
Target Compounds Qvalue

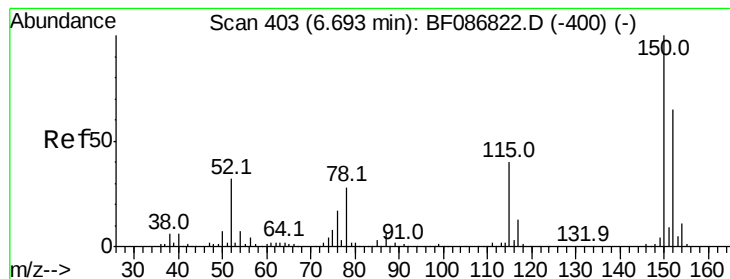
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087004.D

Acq: 14 May 2016 7:31

Instrument :

BNA_F

ClientSampleId :

MW-29

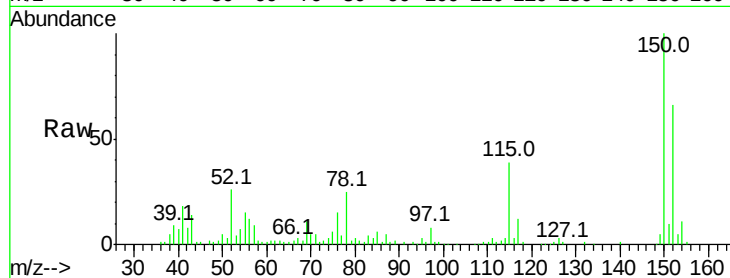
Tot Ion:152 Resp: 137024

Ion Ratio Lower Upper

152 100

150 152.6 125.8 188.6

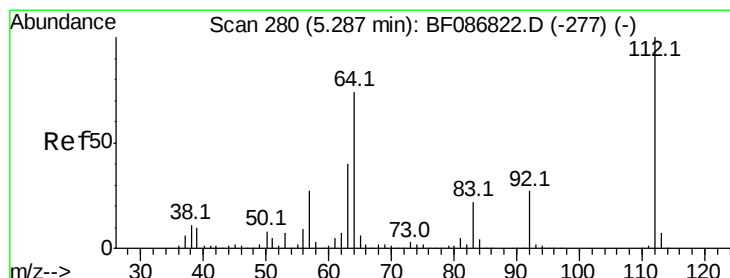
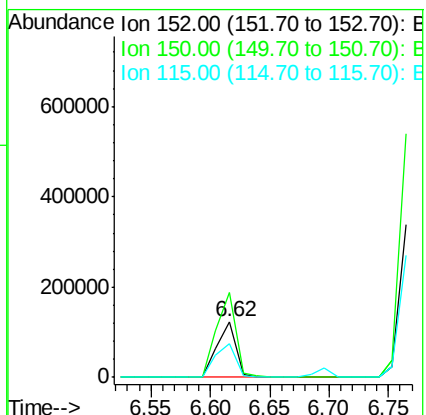
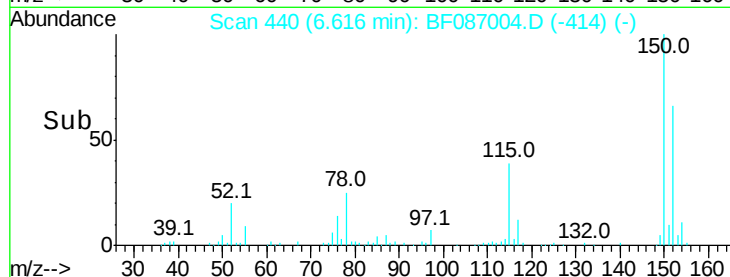
115 59.5 51.5 77.3



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: 63.93 ng

RT: 5.20 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF087004.D

Acq: 14 May 2016 7:31

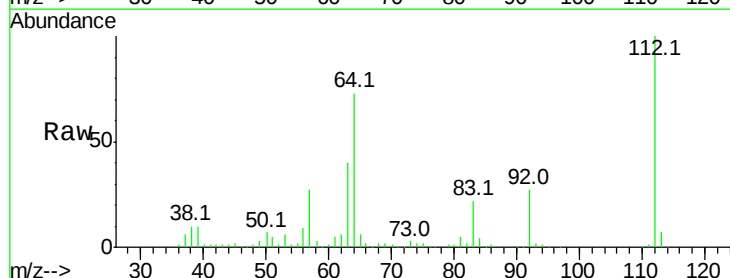
Tgt Ion:112 Resp: 517276

Ion Ratio Lower Upper

112 100

64 73.0 52.1 78.1

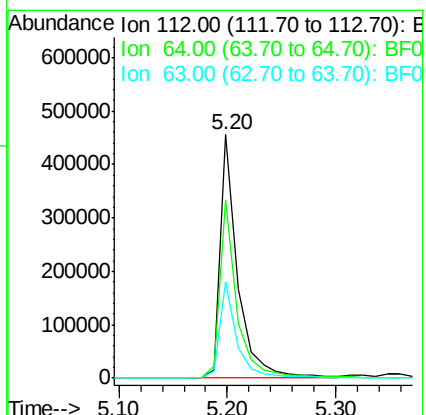
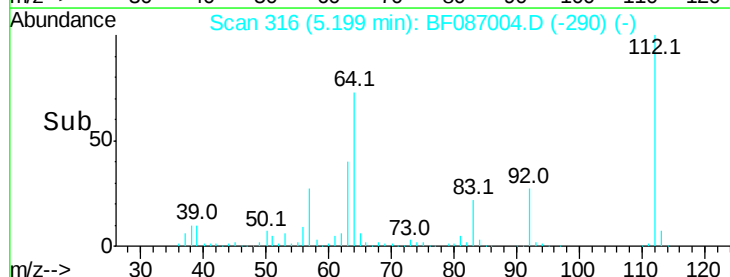
63 39.9 25.7 38.5#

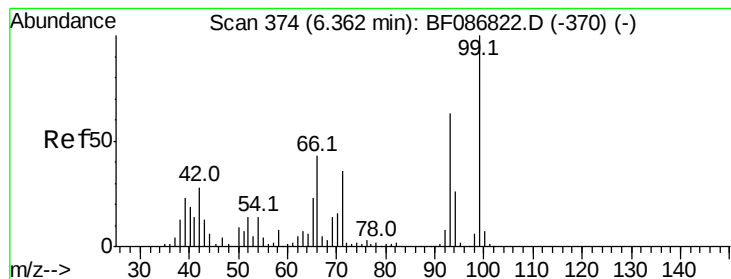


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.93 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.02 min

Lab File: BF087004.D

Acq: 14 May 2016 7:31

Instrument :

BNA_F

ClientSampleId :

MW-29

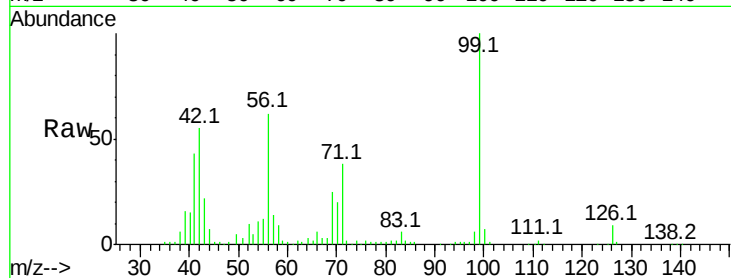
Tot Ion: 99 Resp: 442607

Ion Ratio Lower Upper

99 100

42 54.7 13.6 20.4#

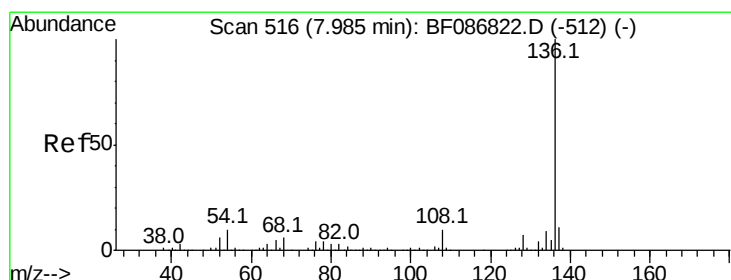
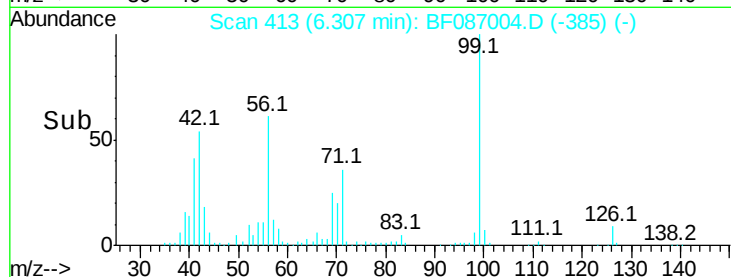
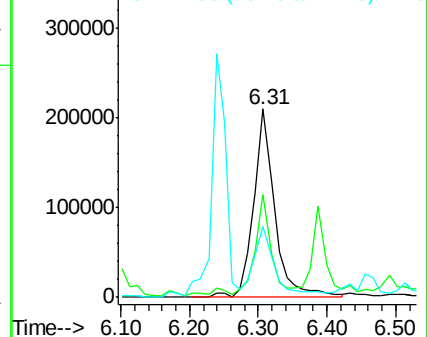
71 37.6 24.6 36.8#



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: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087004.D

Acq: 14 May 2016 7:31

Tgt Ion: 136 Resp: 492970

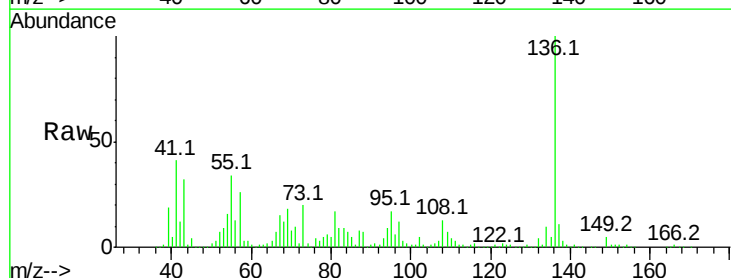
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 15.9 5.0 7.4#

68 11.6 4.4 6.6#

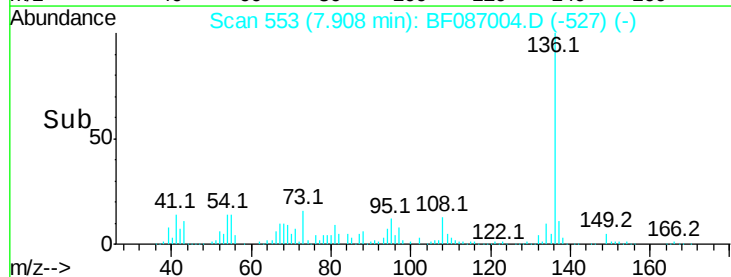
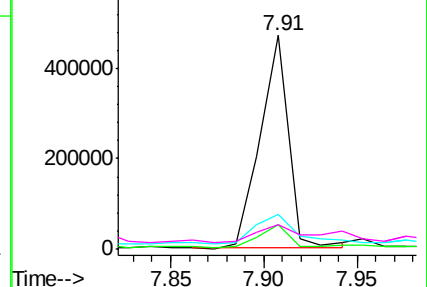


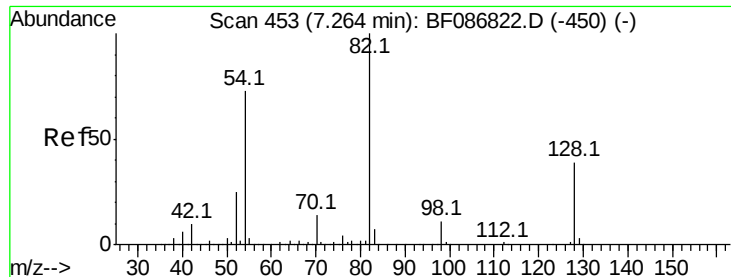
Abundance Ion 136.00 (135.70 to 136.70): E

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

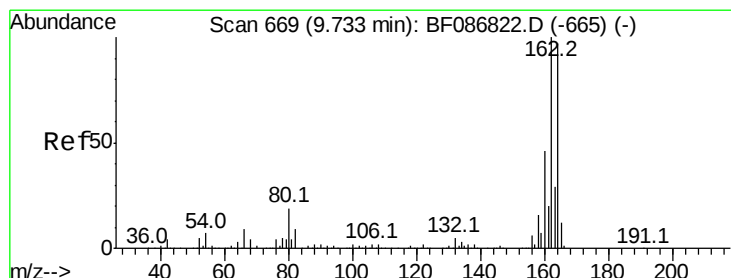
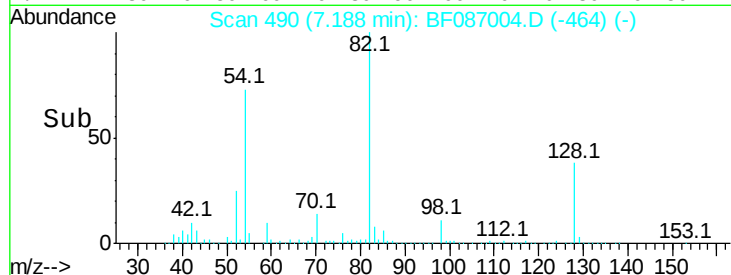
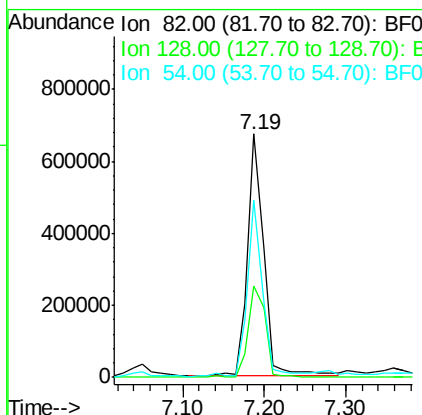
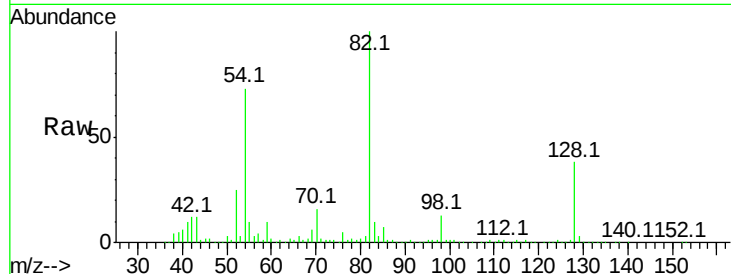




#23
Nitrobenzene-d5
Concen: 94.49 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087004.D
Acq: 14 May 2016 7:31

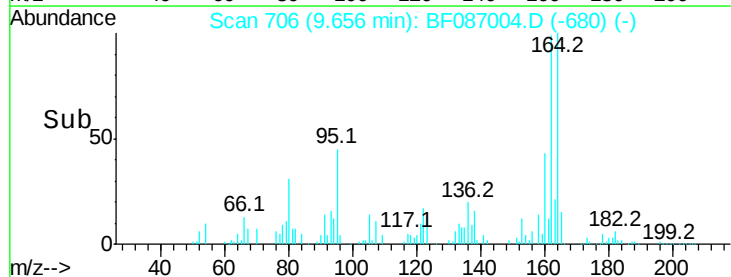
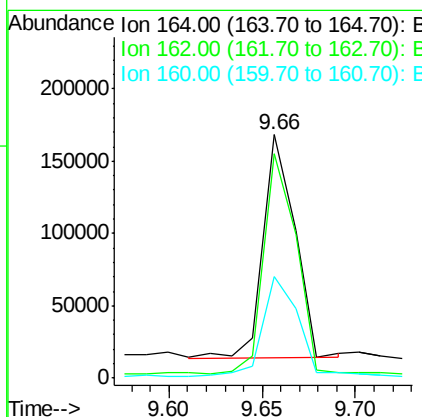
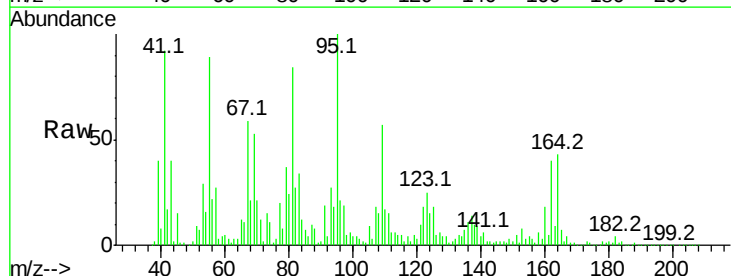
Instrument :
BNA_F
ClientSampleId :
MW-29

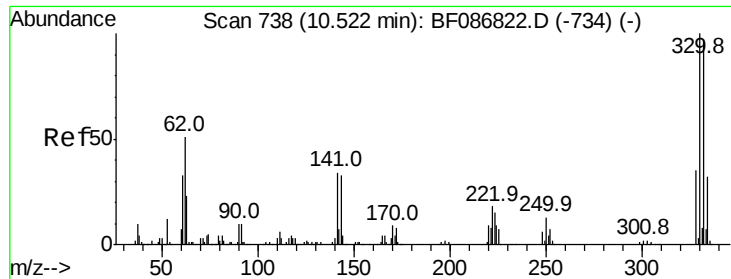
Tot Ion: 82 Resp: 927665
Ion Ratio Lower Upper
82 100
128 37.6 40.6 61.0#
54 72.8 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF087004.D
Acq: 14 May 2016 7:31

Tgt Ion:164 Resp: 180921
Ion Ratio Lower Upper
164 100
162 92.1 82.8 124.2
160 41.7 36.9 55.3

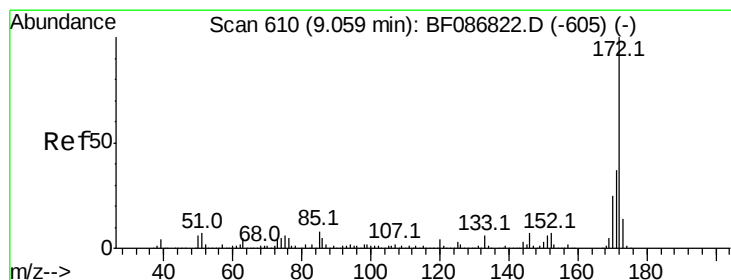
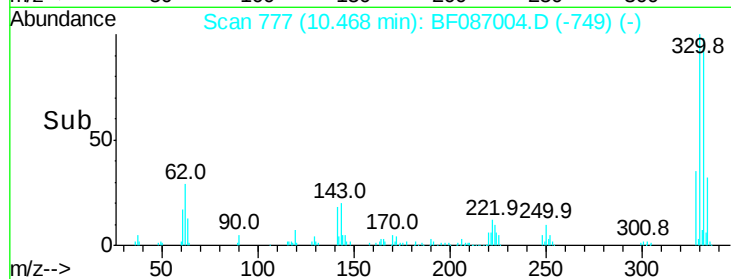
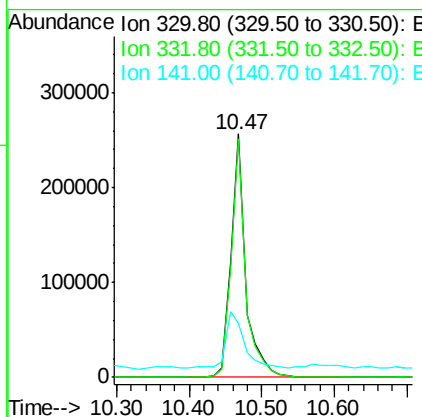
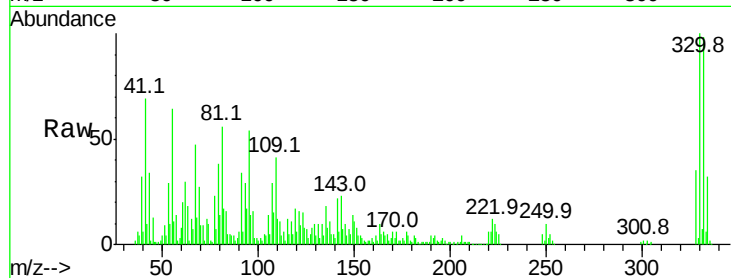




#41
 2,4,6-Tribromophenol
 Concen: 187.10 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.02 min
 Lab File: BF087004.D
 Acq: 14 May 2016 7:31

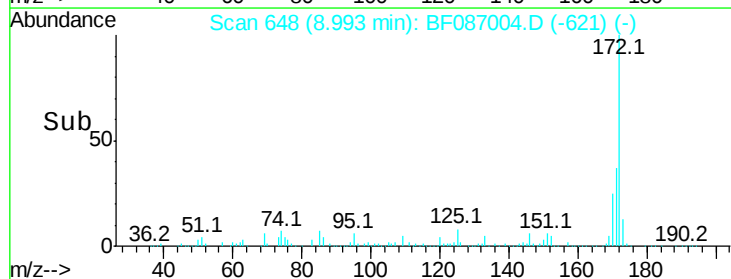
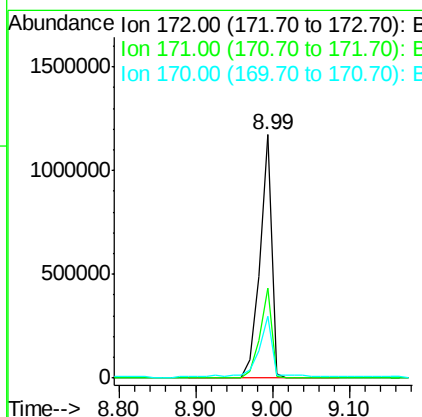
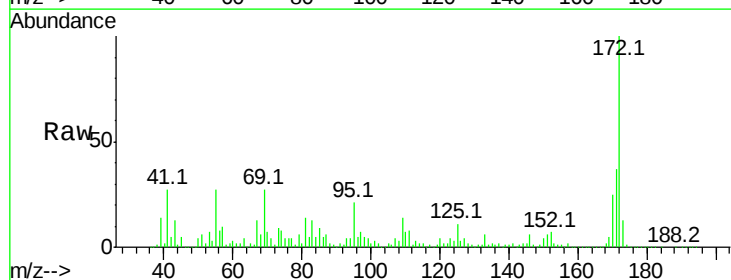
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

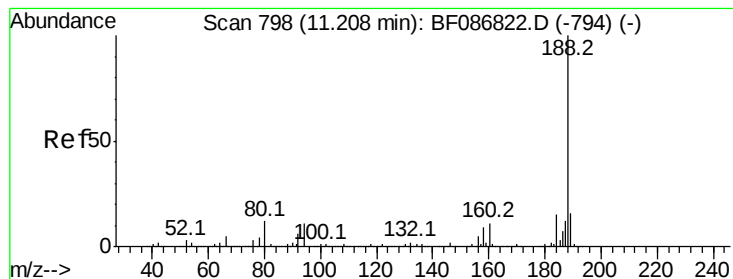
Tot Ion:330 Resp: 358356
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 28.3 31.2 46.8#



#44
 2-Fluorobiphenyl
 Concen: 114.23 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF087004.D
 Acq: 14 May 2016 7:31

Tgt Ion:172 Resp: 1229642
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 25.3 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF087004.D

Acq: 14 May 2016 7:31

Instrument :

BNA_F

ClientSampleId :

MW-29

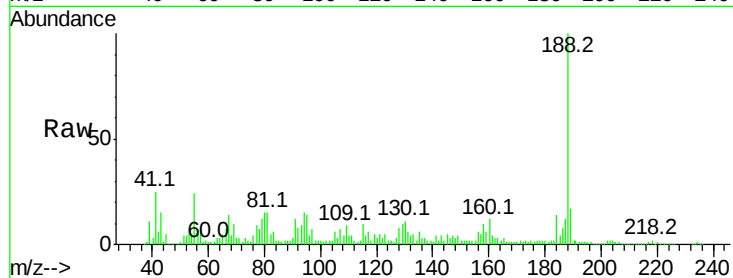
Tot Ion:188 Resp: 408989

Ion Ratio Lower Upper

188 100

94 14.5 6.8 10.2#

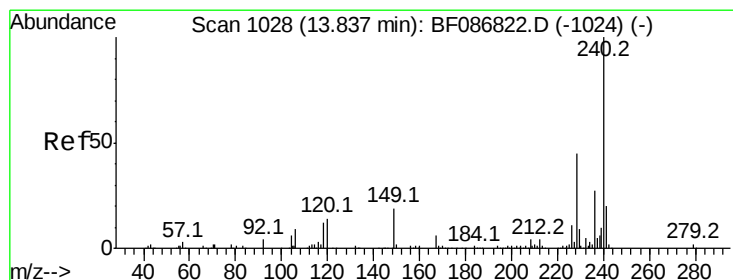
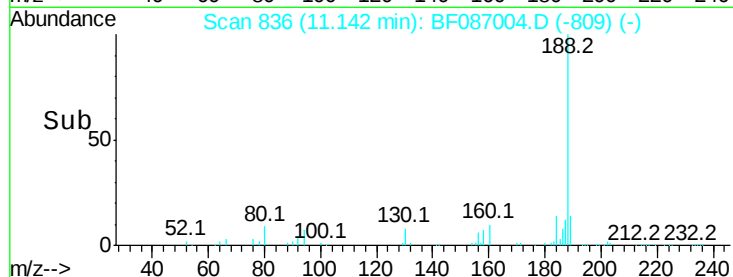
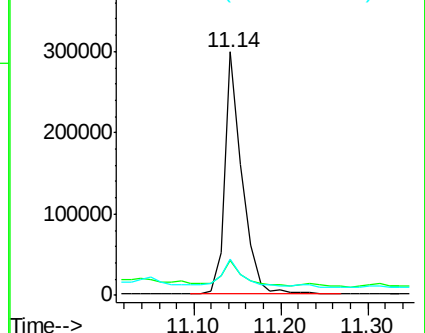
80 15.2 7.1 10.7#



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: BF087004.D

Acq: 14 May 2016 7:31

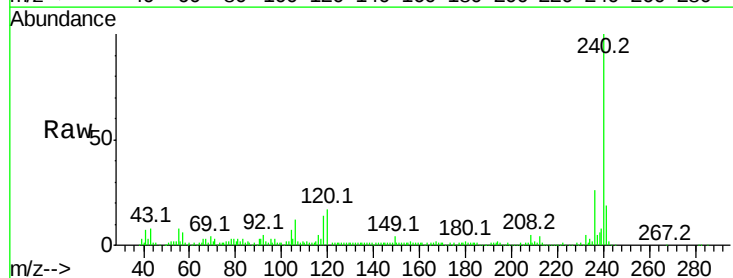
Tgt Ion:240 Resp: 260016

Ion Ratio Lower Upper

240 100

120 16.7 11.2 16.8

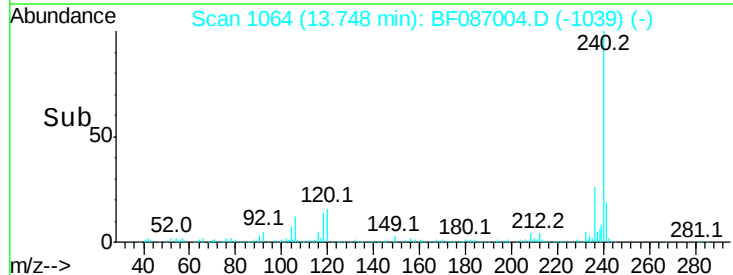
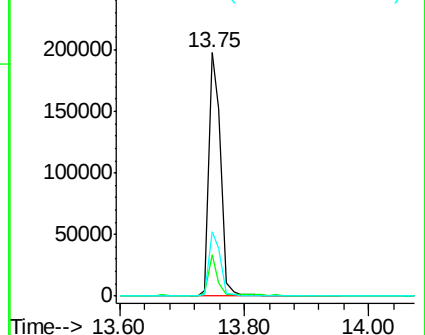
236 26.3 21.2 31.8

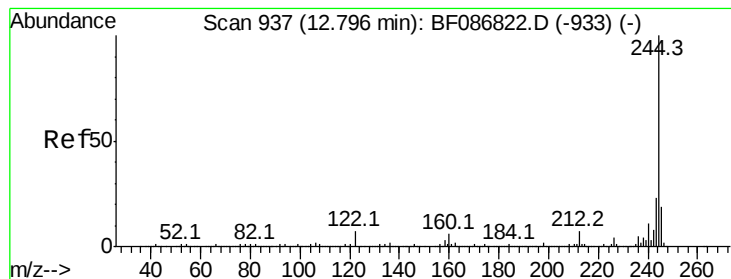


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.94 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF087004.D

Acq: 14 May 2016 7:31

Instrument :

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ClientSampleId :

MW-29

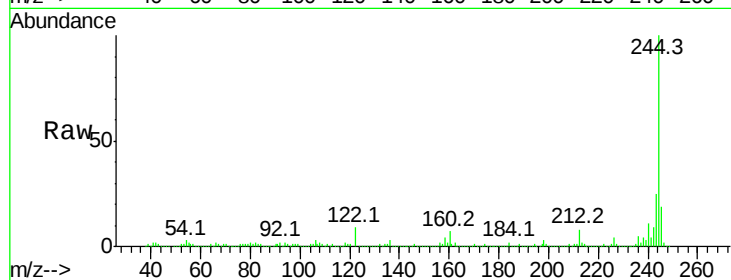
Tot Ion:244 Resp: 1028740

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

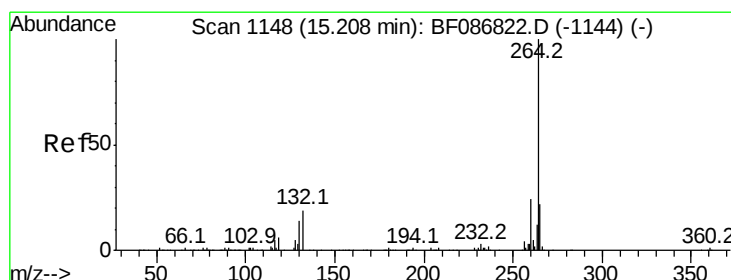
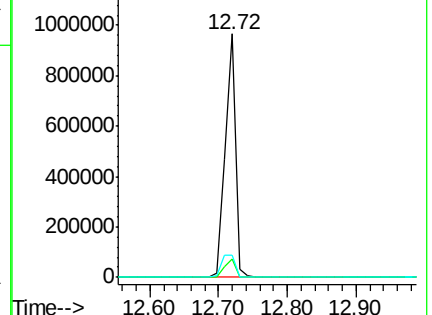
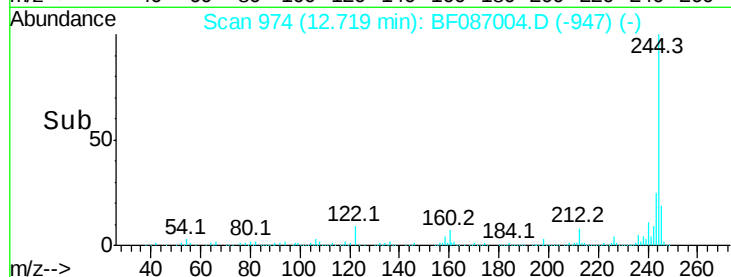
122 9.3 12.0 18.0#



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: BF087004.D

Acq: 14 May 2016 7:31

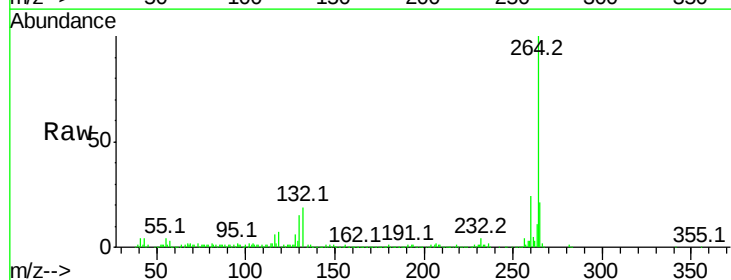
Tgt Ion:264 Resp: 265137

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 20.9 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

