

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087488.D
 Acq On : 28 May 2016 20:01
 Operator : UM/SJ
 Sample : H3276-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Quant Time: May 31 18:23:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 30 03:25:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	117322	20.00	ng	-0.01
21) Naphthalene-d8	9.50	136	474929	20.00	ng	-0.01
38) Acenaphthene-d10	12.32	164	222804	20.00	ng	-0.01
63) Phenanthrene-d10	14.72	188	417177	20.00	ng	-0.01
75) Chrysene-d12	18.43	240	313015	20.00	ng	0.00
86) Perylene-d12	20.10	264	220022	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	447601	67.04	ng	0.00
7) Phenol-d6	7.02	99	391916	43.44	ng	-0.02
23) Nitrobenzene-d5	8.38	82	763237	80.99	ng	-0.02
41) 2,4,6-Tribromophenol	13.62	330	270282	126.24	ng	-0.01
44) 2-Fluorobiphenyl	11.28	172	1331911	84.28	ng	-0.01
78) Terphenyl-d14	17.09	244	1211756	82.30	ng	0.00

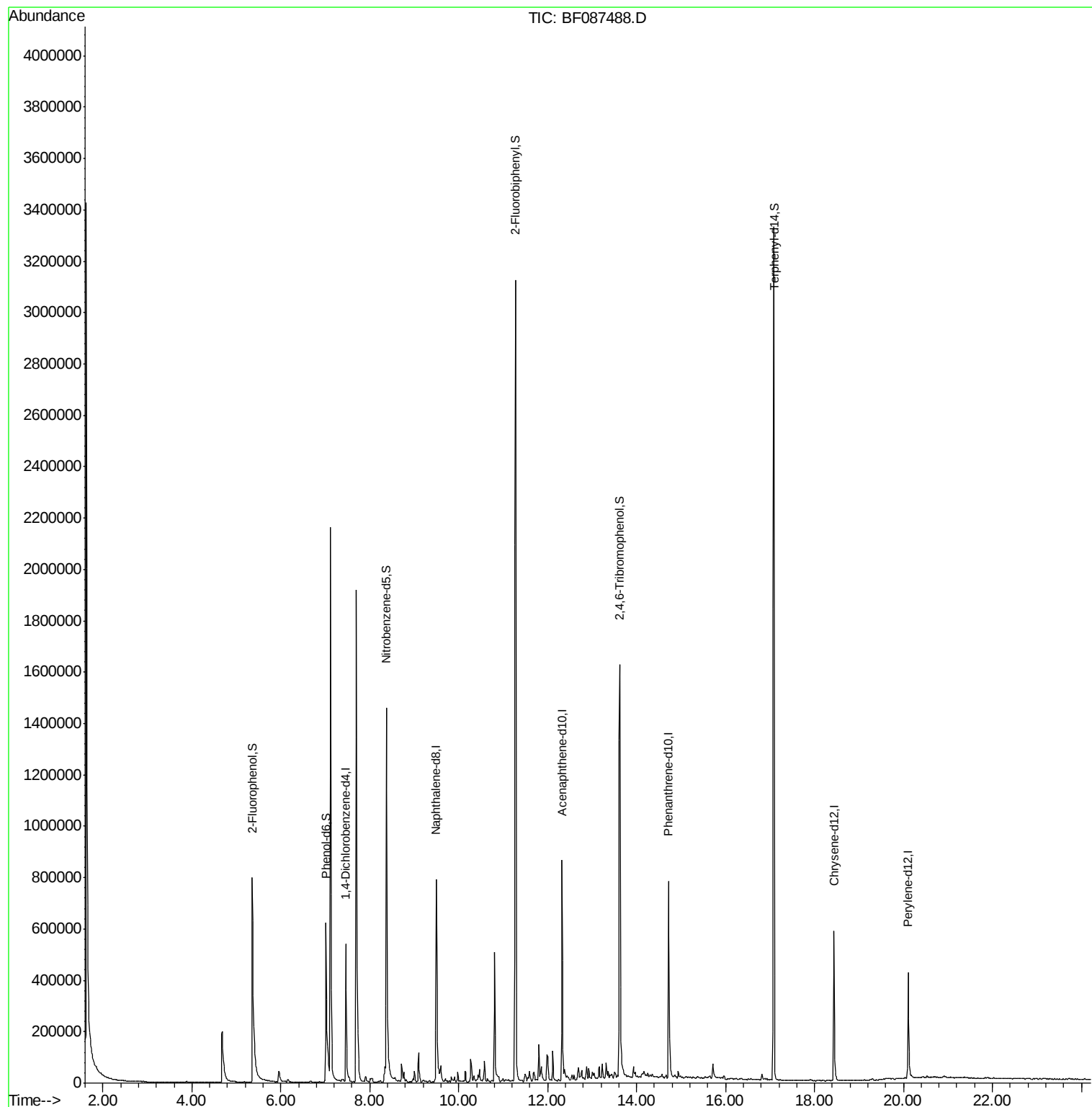
Target Compounds	Qvalue
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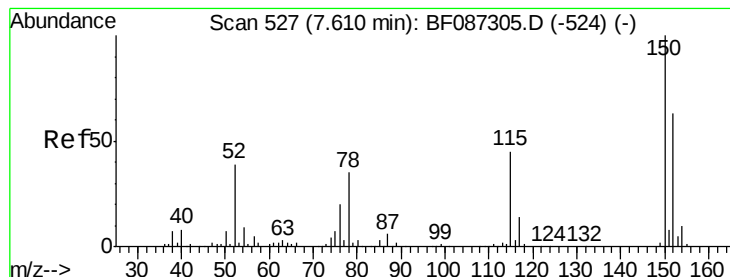
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

Instrument :

BNA_F

ClientSampleId :

MW-01

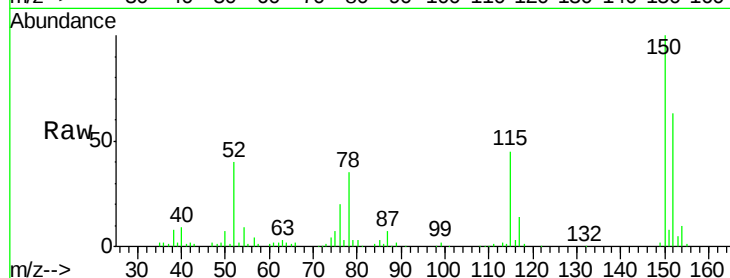
Tgt Ion:152 Resp: 117322

Ion Ratio Lower Upper

152 100

150 157.6 125.8 188.6

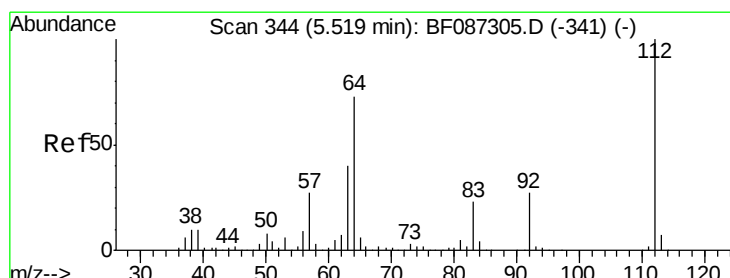
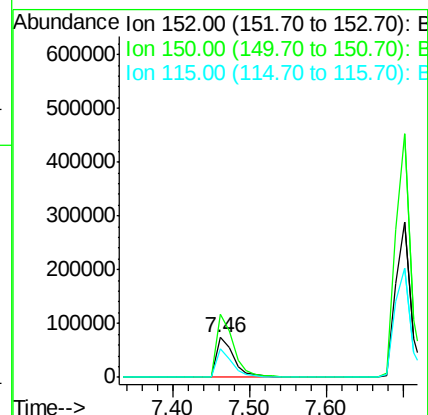
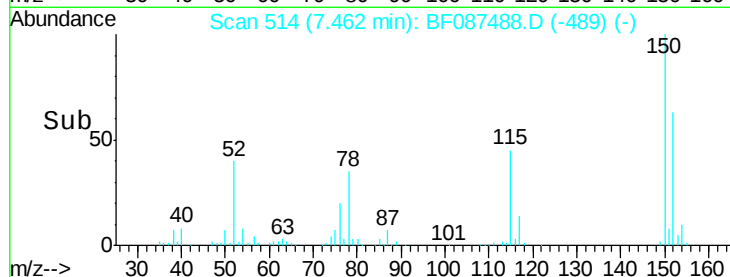
115 71.5 51.5 77.3



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: 67.04 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.00 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

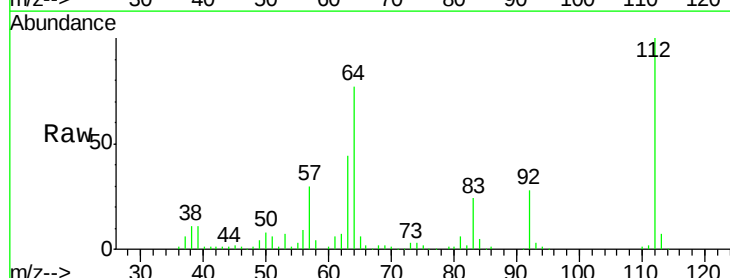
Tgt Ion:112 Resp: 447601

Ion Ratio Lower Upper

112 100

64 77.2 52.1 78.1

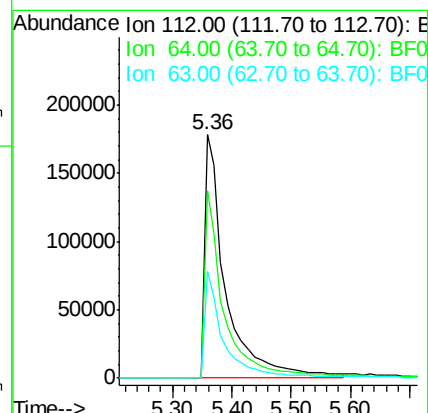
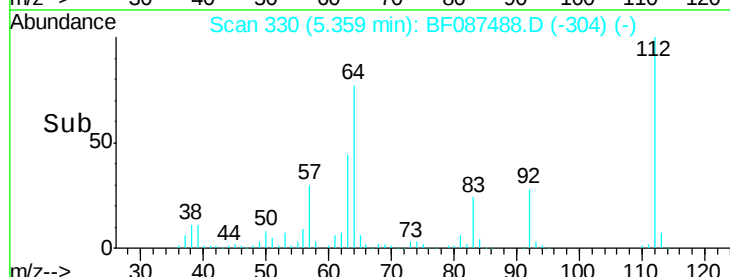
63 43.9 25.7 38.5#



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: 43.44 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

Instrument :

BNA_F

ClientSampled :

MW-01

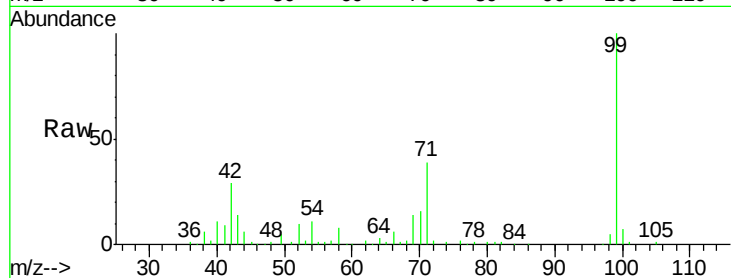
Tgt Ion: 99 Resp: 391916

Ion Ratio Lower Upper

99 100

42 28.8 13.6 20.4#

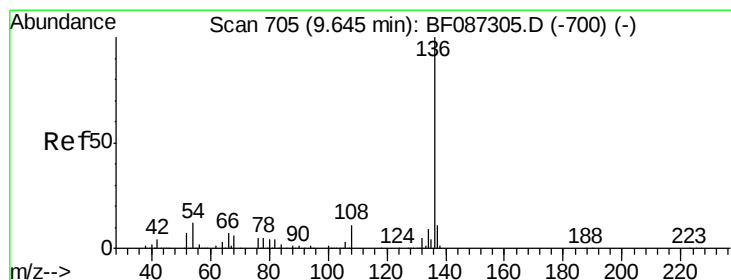
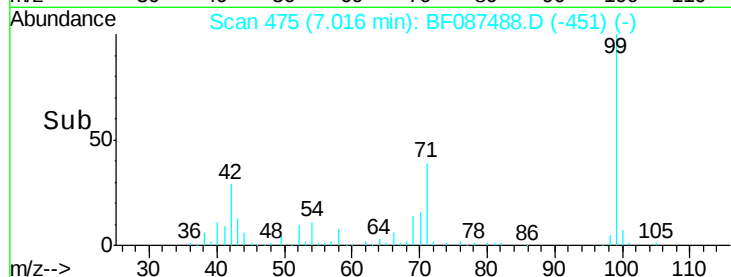
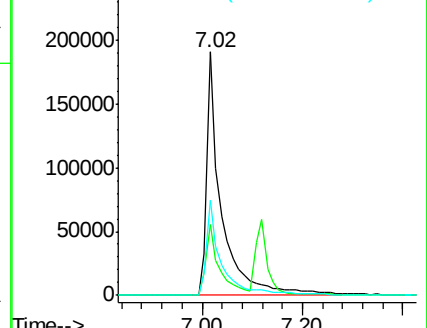
71 39.2 24.6 36.8#



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: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

Tgt Ion: 136 Resp: 474929

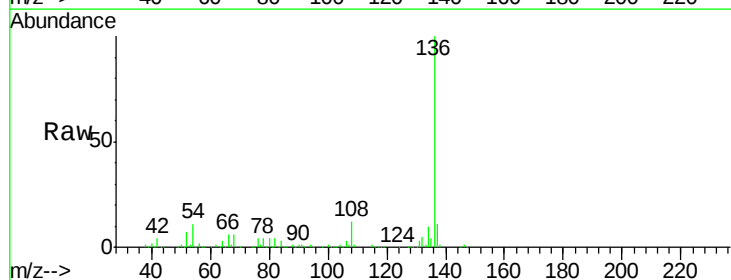
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.9 5.0 7.4#

68 5.5 4.4 6.6

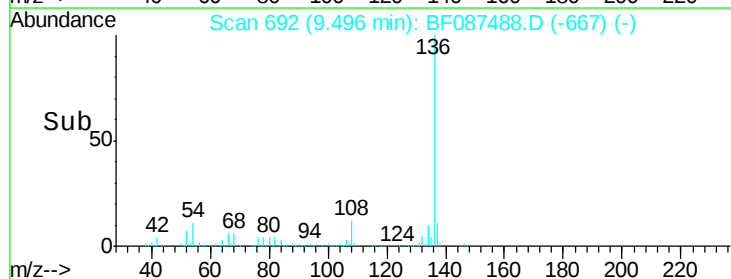
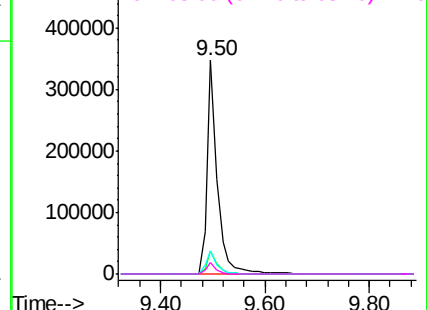


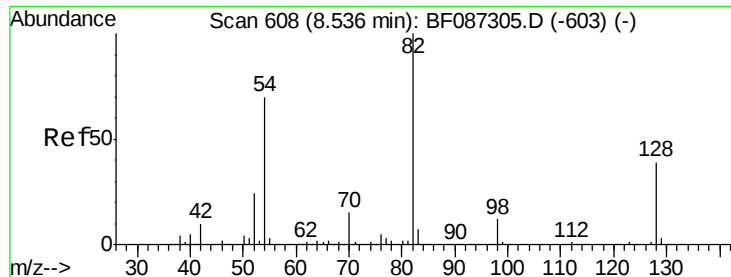
Abundance Ion 136.00 (135.70 to 136.70): E

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

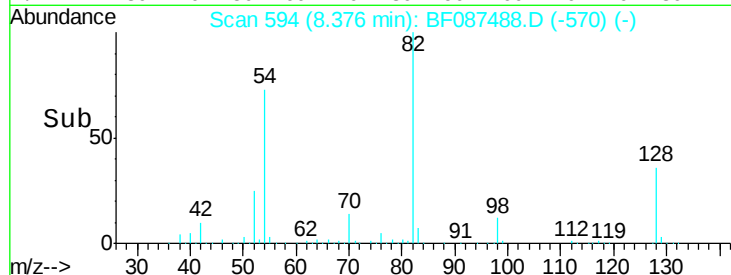
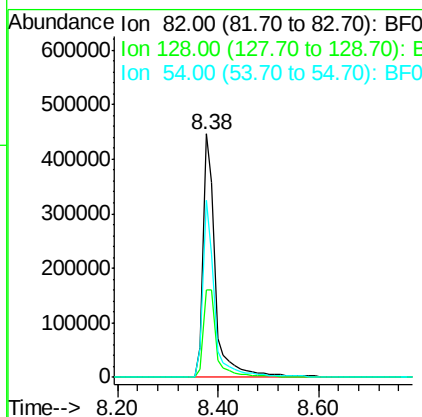
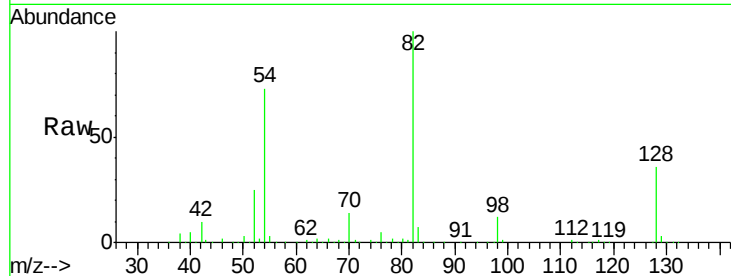




#23
 Nitrobenzene-d5
 Concen: 80.99 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.02 min
 Lab File: BF087488.D
 Acq: 28 May 2016 20:01

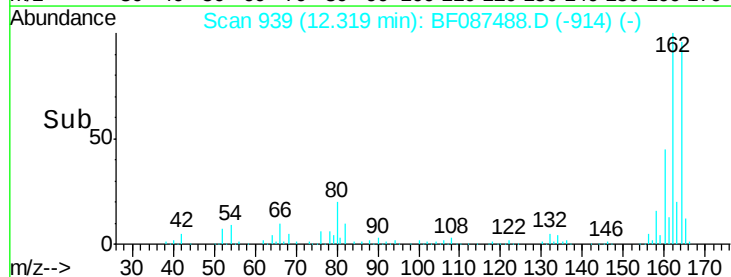
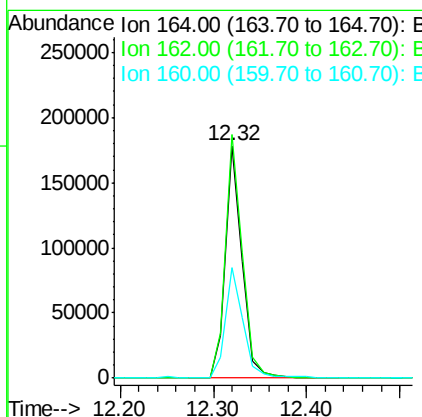
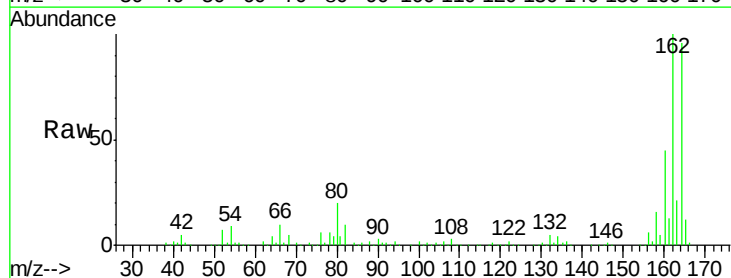
Instrument :
 BNA_F
 ClientSampleId :
 MW-01

Tgt Ion: 82 Resp: 763237
 Ion Ratio Lower Upper
 82 100
 128 36.1 40.6 61.0#
 54 72.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.32 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF087488.D
 Acq: 28 May 2016 20:01

Tgt Ion: 164 Resp: 222804
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.8 124.2
 160 47.6 36.9 55.3

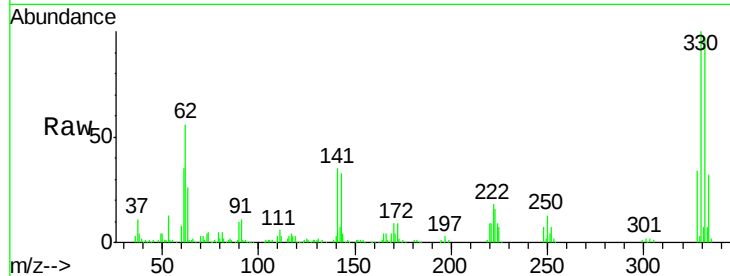




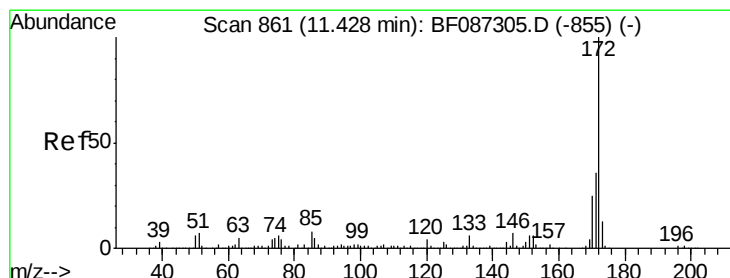
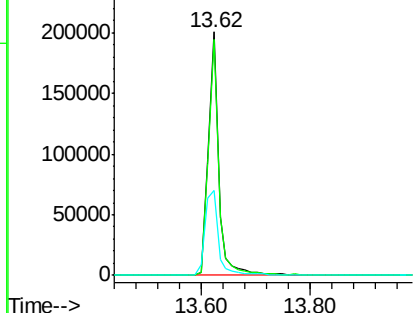
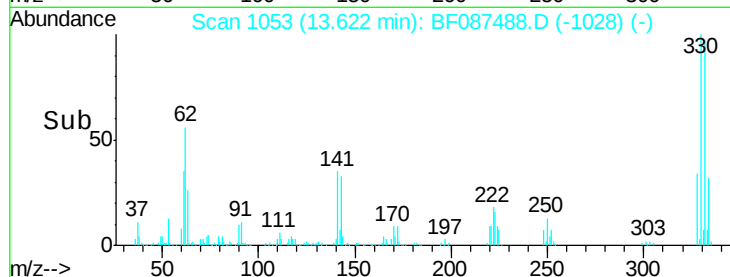
#41
 2,4,6-Tribromophenol
 Concen: 126.24 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BF087488.D
 Acq: 28 May 2016 20:01

Instrument :
 BNA_F
 ClientSampled :
 MW-01

Tgt Ion:330 Resp: 270282
 Ion Ratio Lower Upper
 330 100
 332 97.1 79.0 118.4
 141 45.0 31.2 46.8

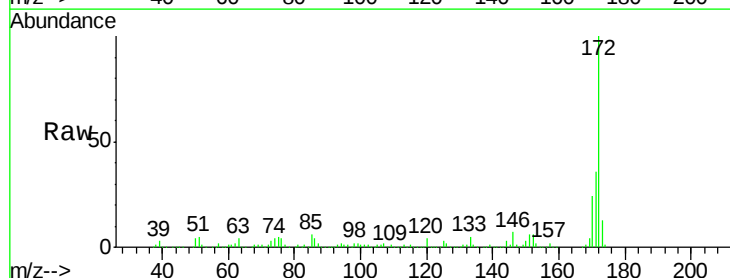


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

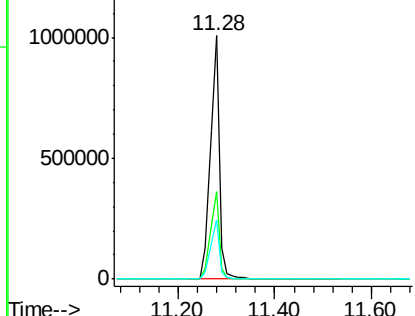
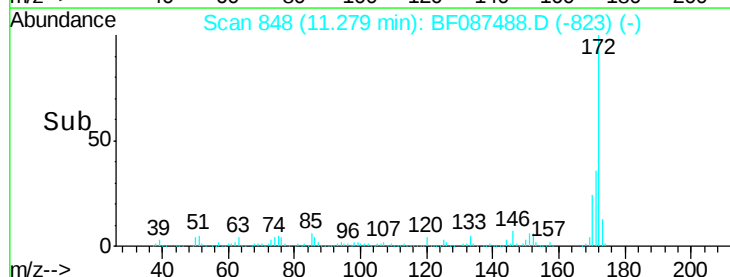


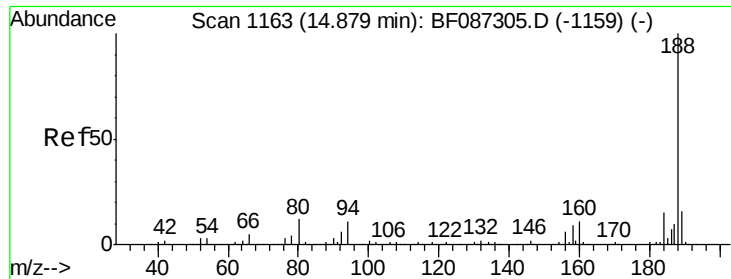
#44
 2-Fluorobiphenyl
 Concen: 84.28 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BF087488.D
 Acq: 28 May 2016 20:01

Tgt Ion:172 Resp: 1331911
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.4 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

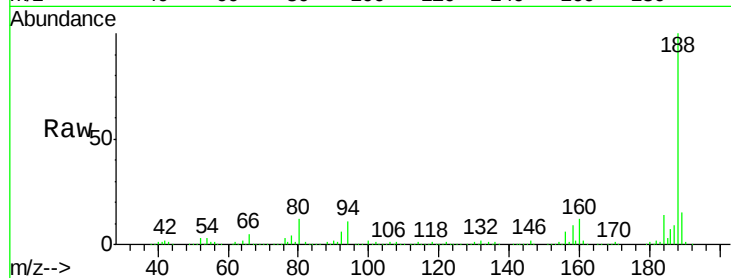




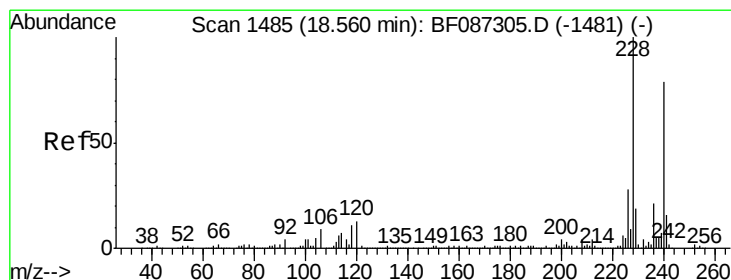
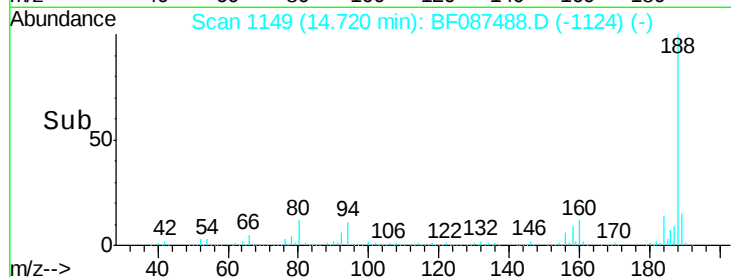
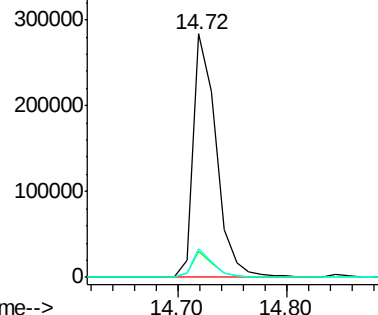
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF087488.D
Acq: 28 May 2016 20:01

Instrument :
BNA_F
ClientSampleId :
MW-01

Tgt Ion:188 Resp: 417177
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.7 7.1 10.7#

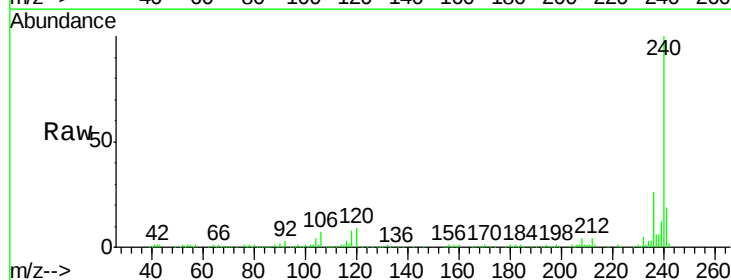


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

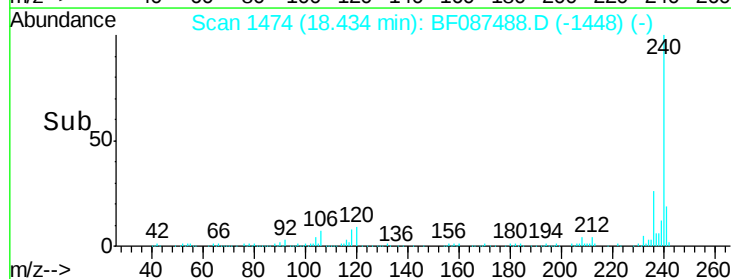
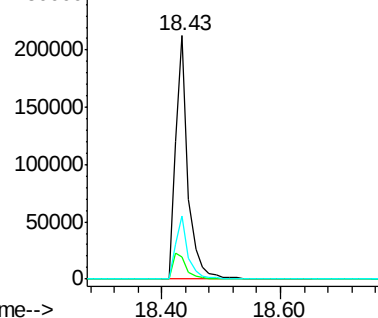


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. -0.00 min
Lab File: BF087488.D
Acq: 28 May 2016 20:01

Tgt Ion:240 Resp: 313015
Ion Ratio Lower Upper
240 100
120 9.3 11.2 16.8#
236 25.8 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: 82.30 ng

RT: 17.09 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

Instrument :

BNA_F

ClientSampleId :

MW-01

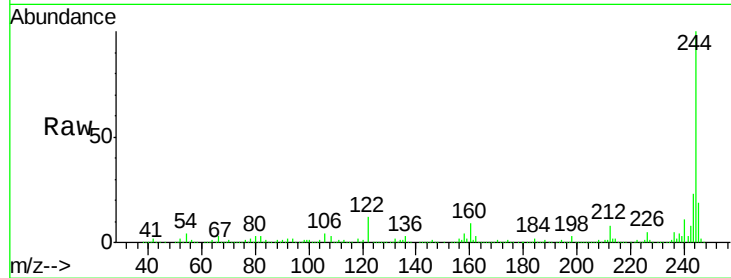
Tgt Ion:244 Resp: 1211756

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

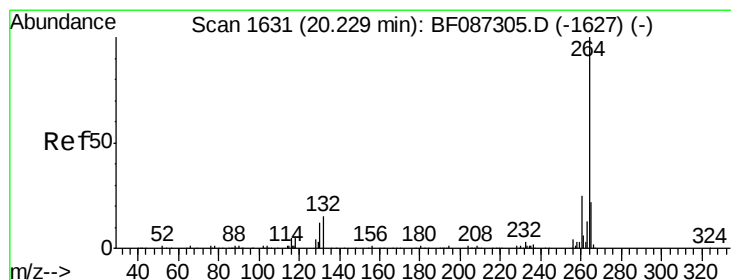
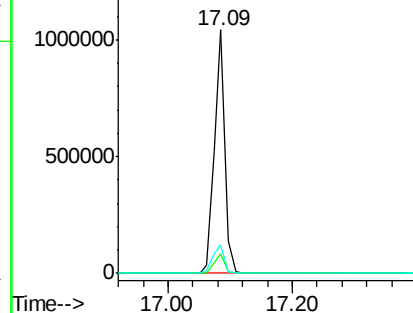
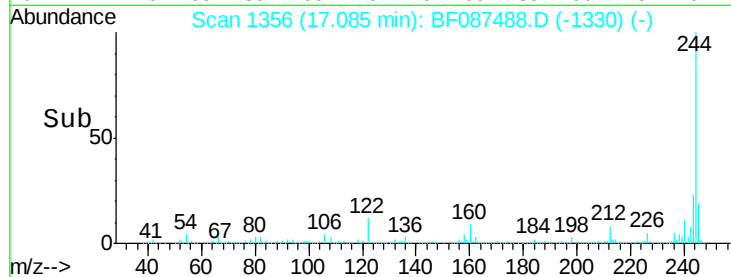
122 11.9 12.0 18.0#



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: 20.00 ng

RT: 20.10 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BF087488.D

Acq: 28 May 2016 20:01

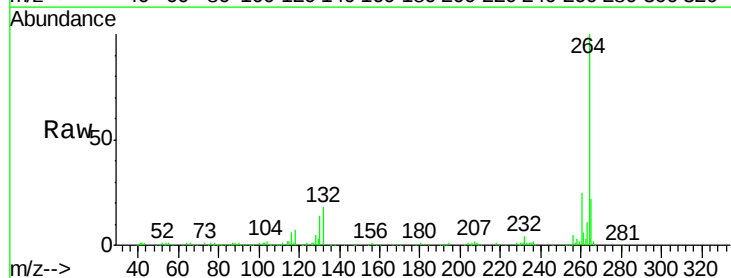
Tgt Ion:264 Resp: 220022

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 22.2 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

