

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010837.D
 Acq On : 14 Jul 2017 05:57
 Operator : SJ/JU
 Sample : I4172-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-12-17

Quant Time: Jul 14 06:58:25 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	225642	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	824944	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	523262	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1279558	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1448309	20.00	ng	0.00
86) Perylene-d12	23.19	264	1279144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	648811	47.63	ng	0.00
7) Phenol-d6	6.63	99	533306	28.40	ng	0.00
23) Nitrobenzene-d5	8.59	82	1725263	80.39	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1129314	141.23	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3713290	88.28	ng	0.00
78) Terphenyl-d14	19.51	244	6442577	86.04	ng	0.00

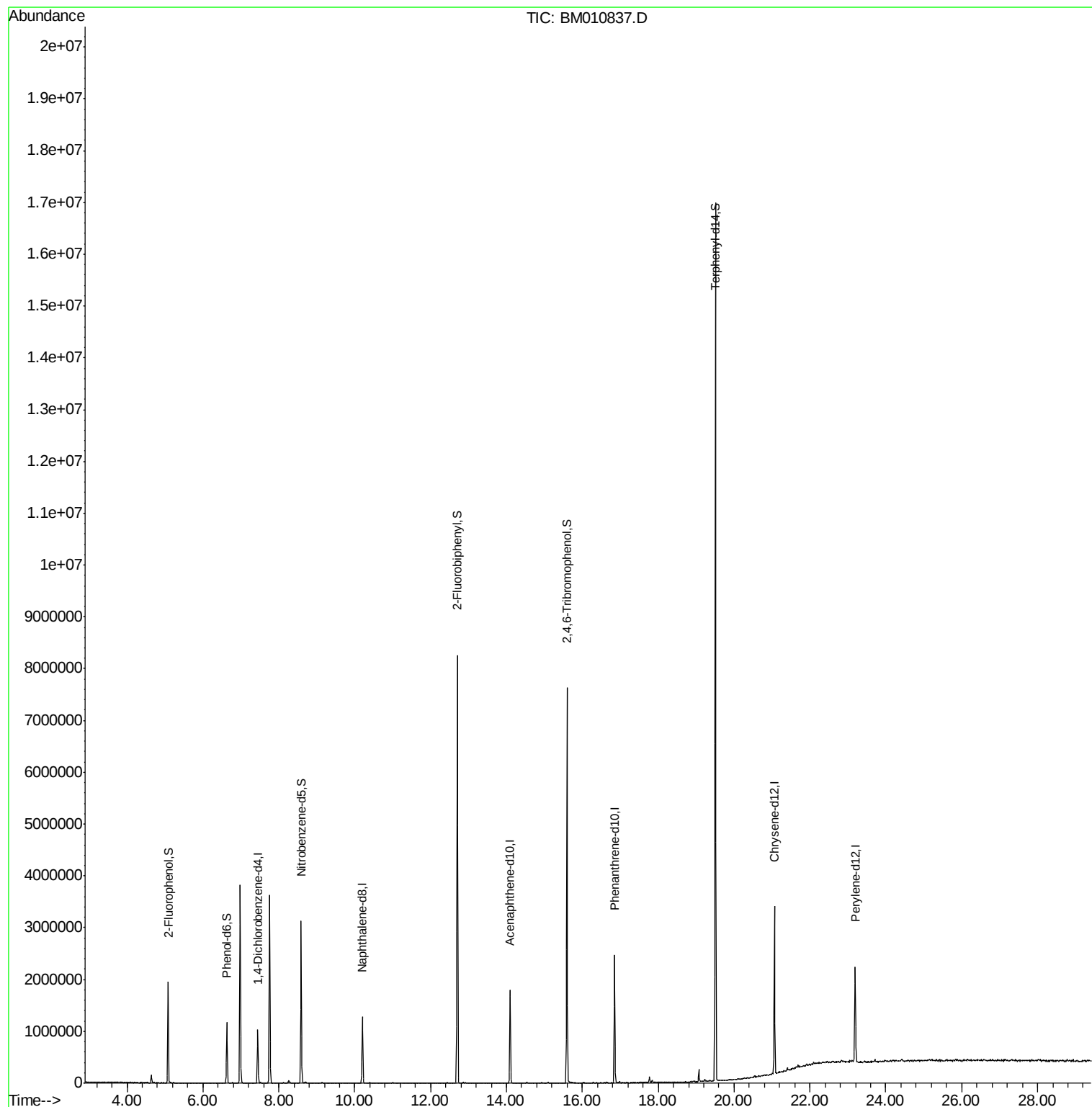
Target Compounds	Qvalue
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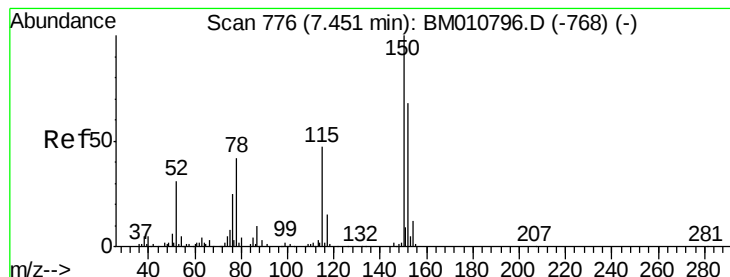
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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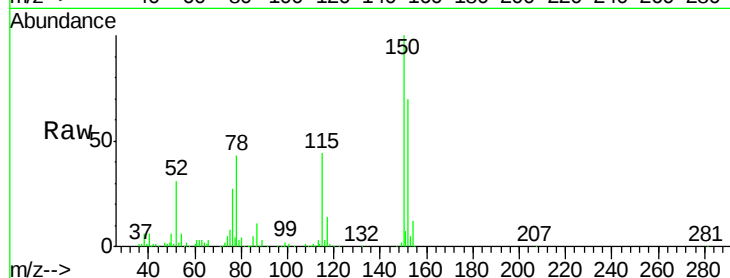


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010837.D
Acq: 14 Jul 2017 05:57

Instrument :
BNA_M
ClientSampleId :
E2-FB-7-12-17

Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.0	119.5	179.3
115	62.5	43.0	64.4

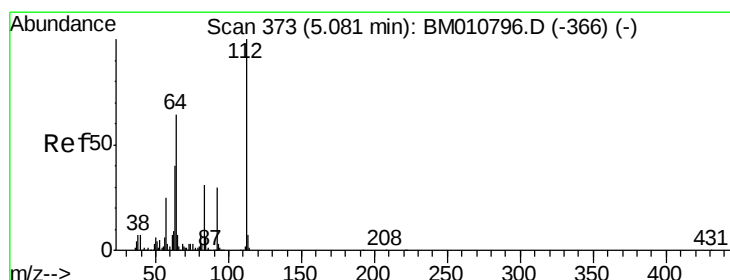
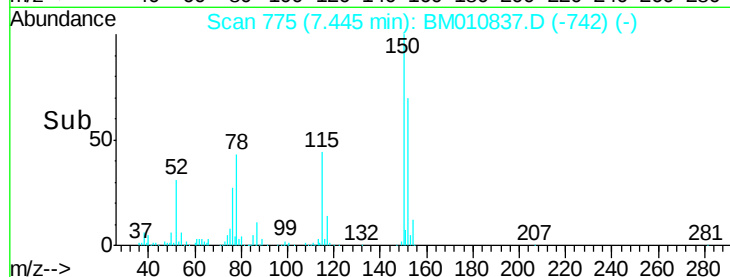
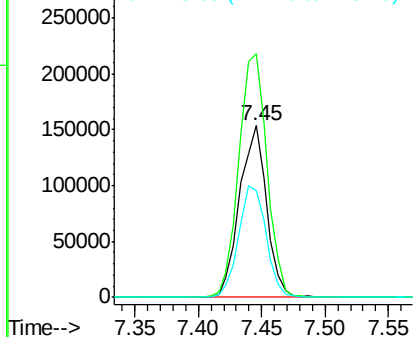


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

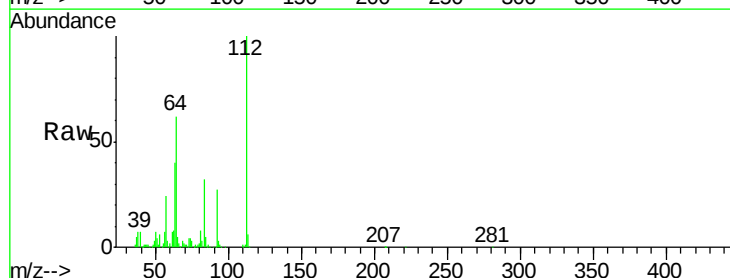
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.631 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010837.D
Acq: 14 Jul 2017 05:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	38.6	57.8#
63	40.2	19.3	28.9#

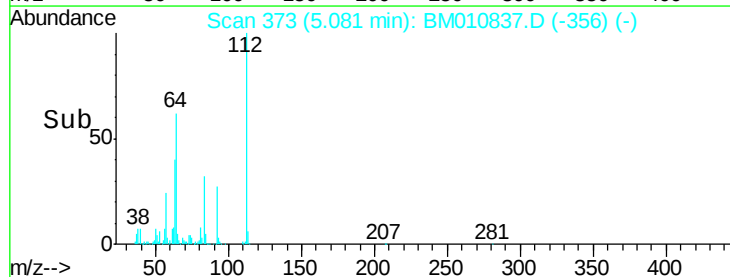
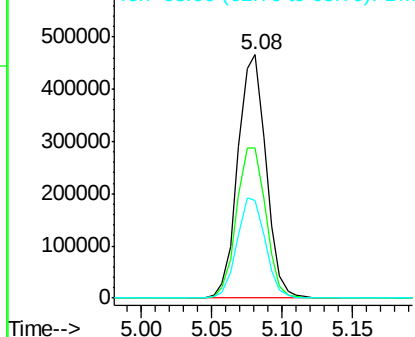


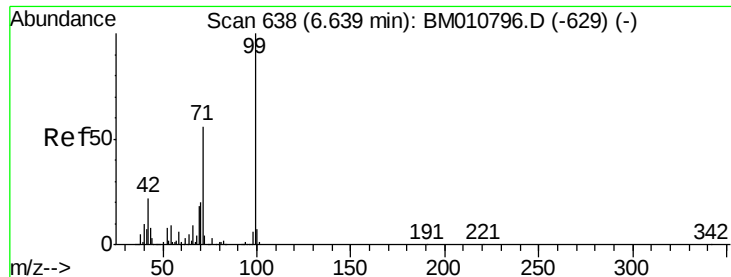
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 28.400 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010837.D

Acq: 14 Jul 2017 05:57

Instrument :

BNA_M

ClientSampleId :

E2-FB-7-12-17

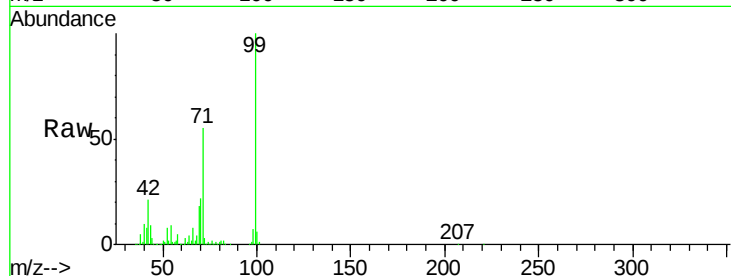
Tgt Ion: 99 Resp: 533306

Ion Ratio Lower Upper

99 100

42 20.6 11.0 16.4#

71 55.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010837.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010837.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010837.D (-621) (-)

6.63

400000

300000

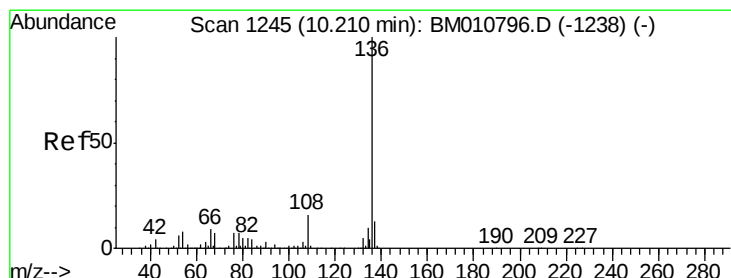
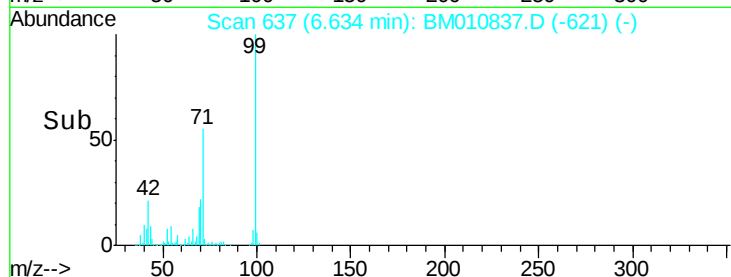
200000

100000

0

6.55 6.60 6.65 6.70

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010837.D

Acq: 14 Jul 2017 05:57

Tgt Ion: 136 Resp: 824944

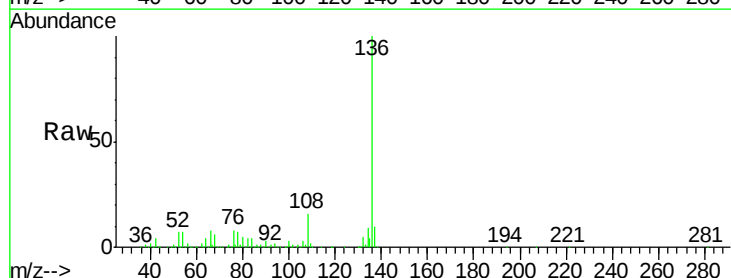
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 7.4 4.6 6.8#

68 5.9 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010837.D (-1228) (-)

Ion 137.00 (136.70 to 137.70): BM010837.D (-1228) (-)

Ion 54.00 (53.70 to 54.70): BM010837.D (-1228) (-)

Ion 68.00 (67.70 to 68.70): BM010837.D (-1228) (-)

800000

600000

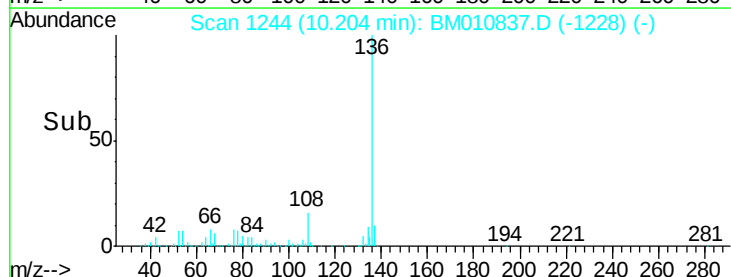
400000

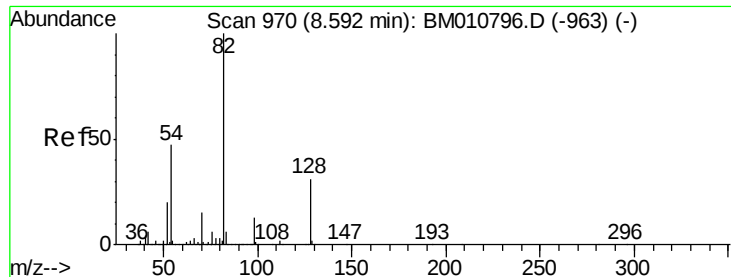
200000

0

10.10 10.20 10.30

Time-->

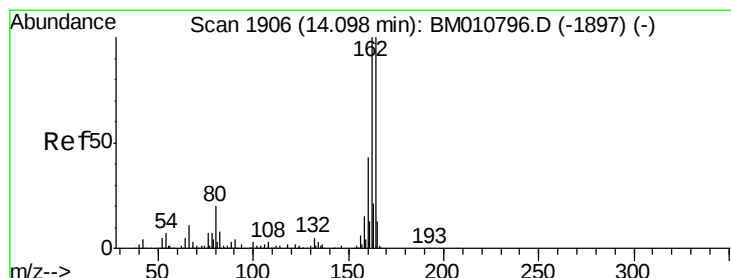
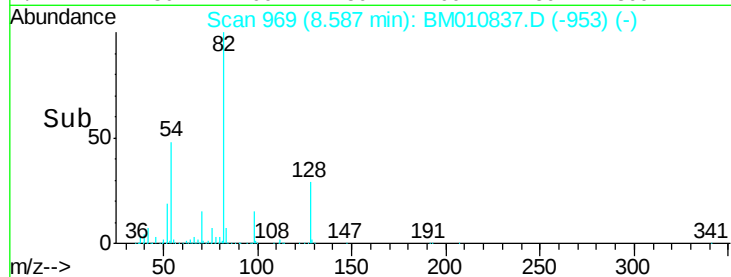
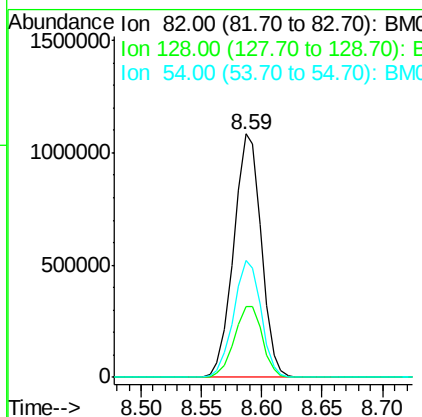
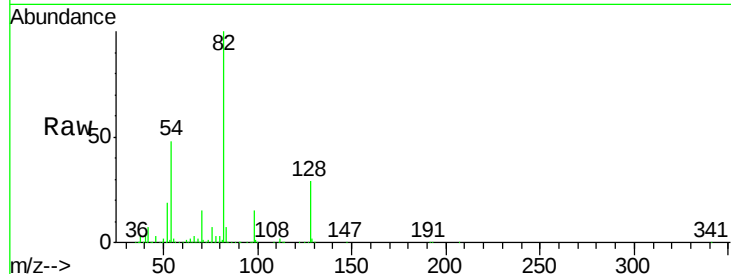




#23
 Nitrobenzene-d5
 Concen: 80.387 ng
 RT: 8.59 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM010837.D
 Acq: 14 Jul 2017 05:57

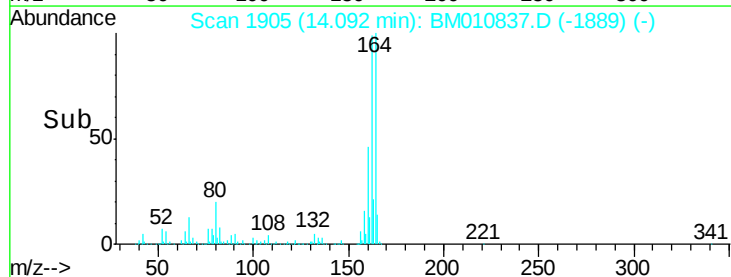
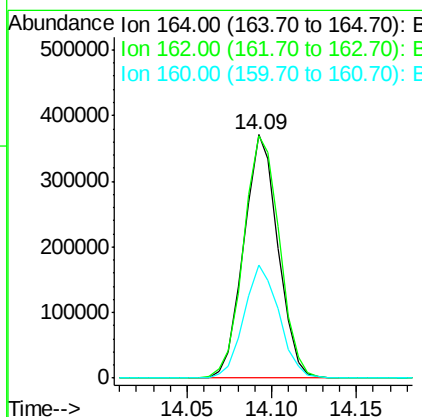
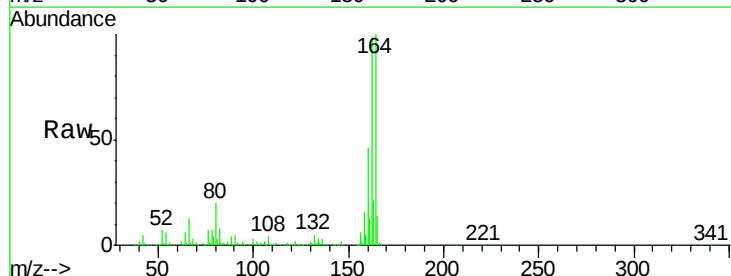
Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-12-17

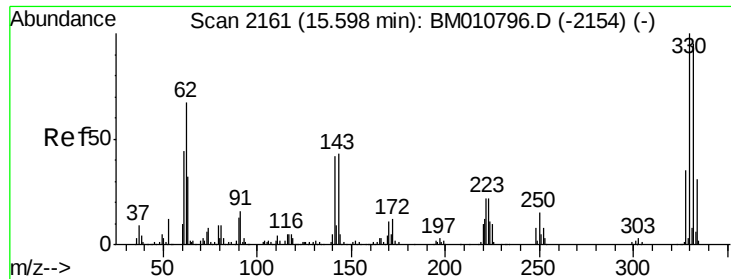
Tgt Ion: 82 Resp: 1725263
 Ion Ratio Lower Upper
 82 100
 128 29.1 32.8 49.2#
 54 48.1 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010837.D
 Acq: 14 Jul 2017 05:57

Tgt Ion: 164 Resp: 523262
 Ion Ratio Lower Upper
 164 100
 162 99.4 82.4 123.6
 160 46.3 35.8 53.6

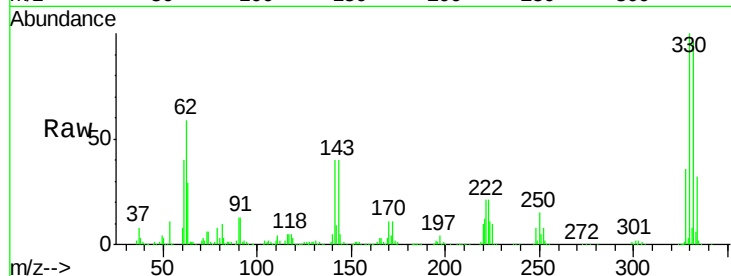




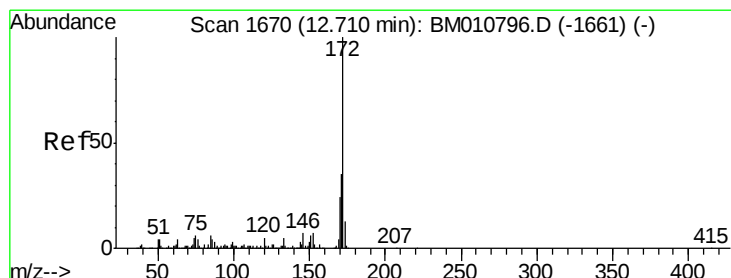
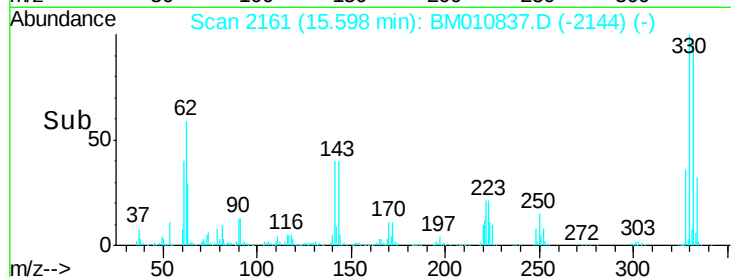
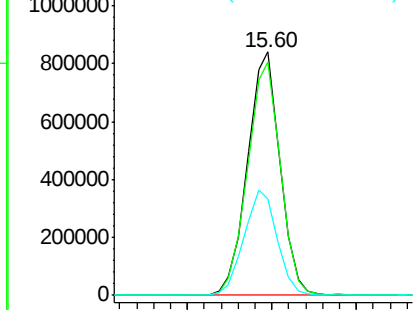
#41
 2,4,6-Tribromophenol
 Concen: 141.227 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010837.D
 Acq: 14 Jul 2017 05:57

Instrument :
 BNA_M
 ClientSampleId :
 E2-FB-7-12-17

Tgt Ion:330 Resp: 1129314
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 43.9 0.0 0.0#

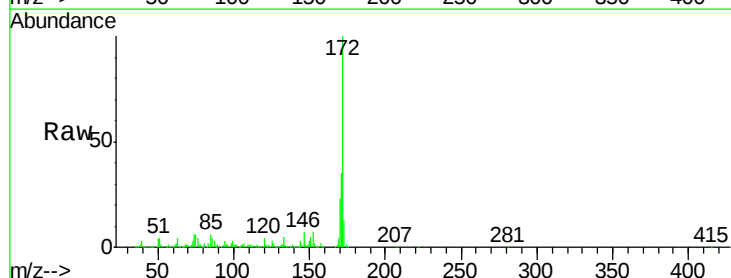


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

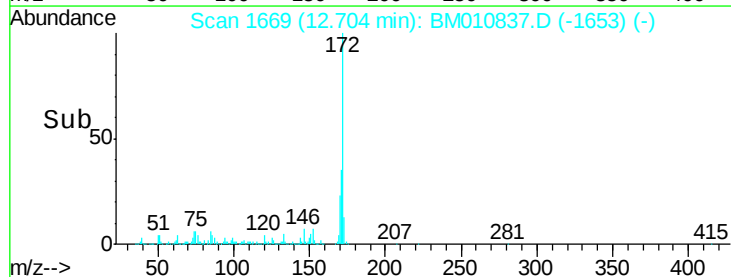
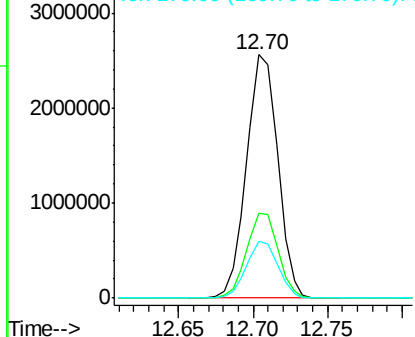


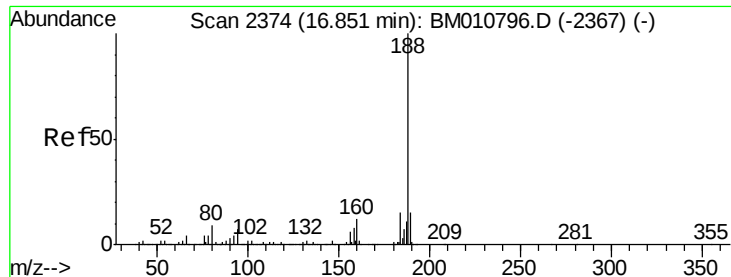
#44
 2-Fluorobiphenyl
 Concen: 88.281 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010837.D
 Acq: 14 Jul 2017 05:57

Tgt Ion:172 Resp: 3713290
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.3 18.8 28.2



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

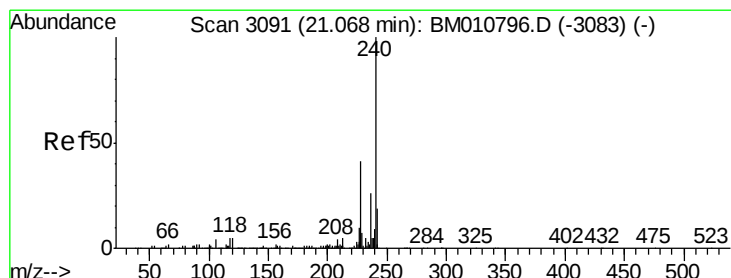
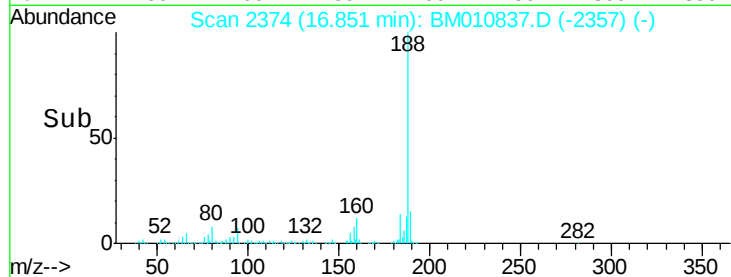
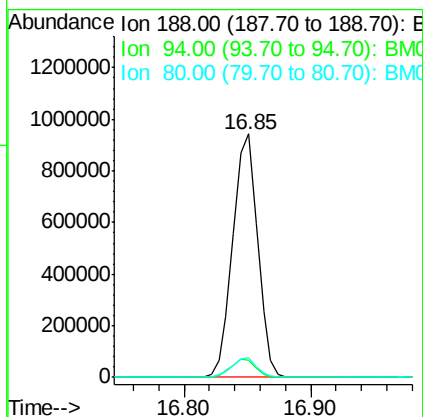
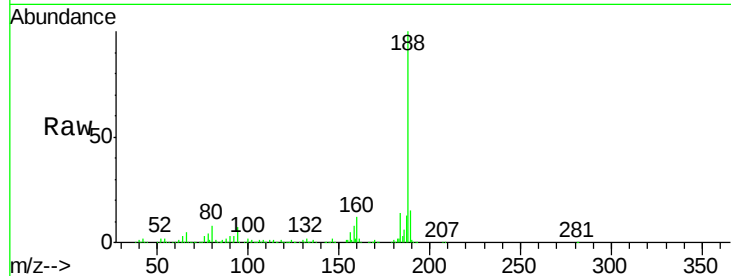




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010837.D
Acq: 14 Jul 2017 05:57

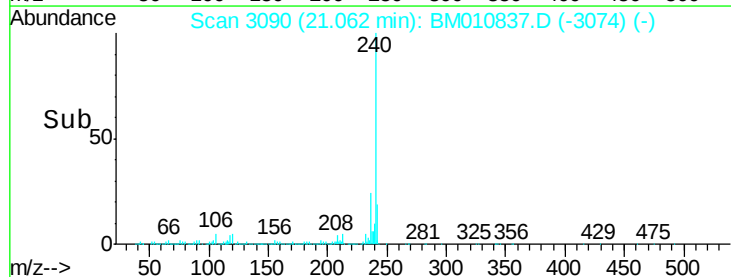
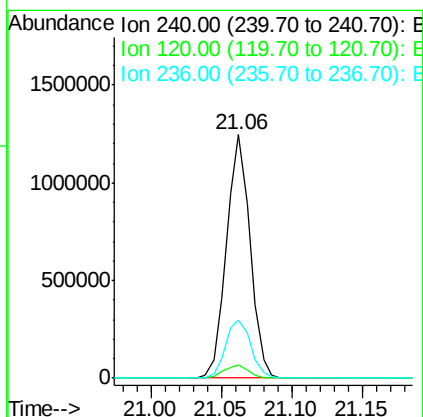
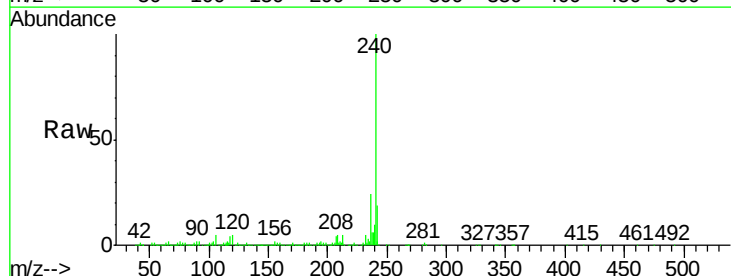
Instrument :
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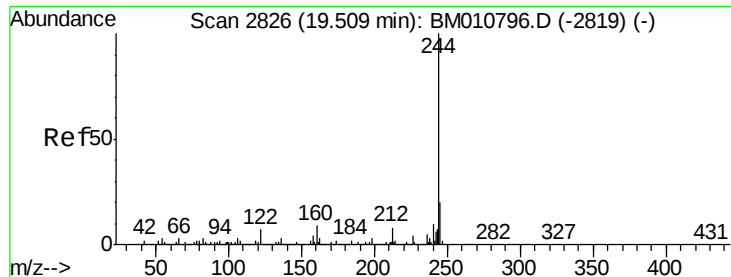
Tgt Ion:188 Resp: 1279558
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 8.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010837.D
Acq: 14 Jul 2017 05:57

Tgt Ion:240 Resp: 1448309
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 23.7 20.0 30.0





#78

Terphenyl-d14

Concen: 86.036 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010837.D

Acq: 14 Jul 2017 05:57

Instrument :

BNA_M

ClientSampleId :

E2-FB-7-12-17

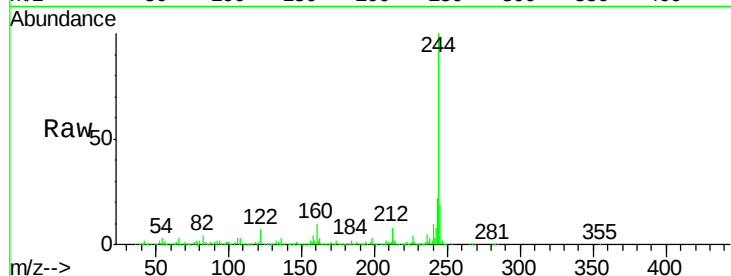
Tgt Ion:244 Resp: 6442577

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

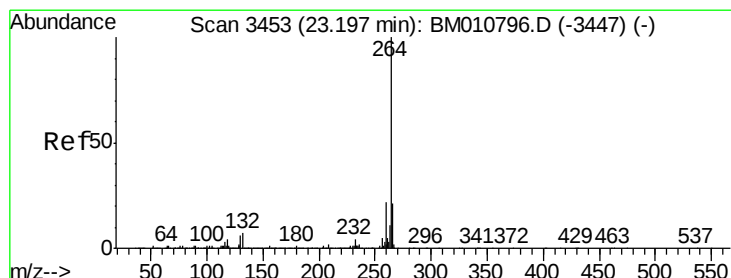
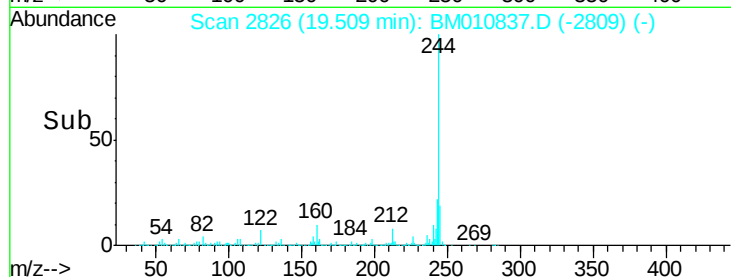
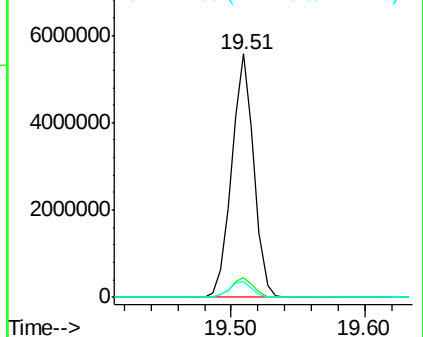
122 6.7 6.2 9.4



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: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010837.D

Acq: 14 Jul 2017 05:57

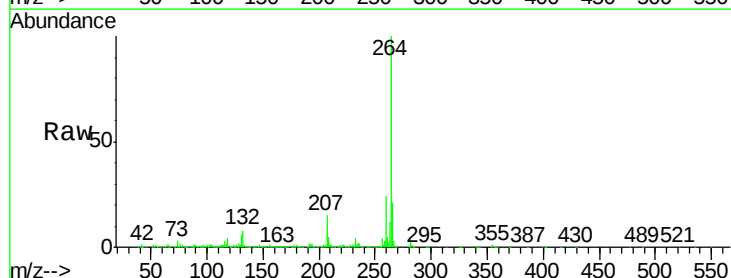
Tgt Ion:264 Resp: 1279144

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

265 21.0 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

