

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
 Data File : BM011125.D
 Acq On : 04 Aug 2017 19:47
 Operator : SJ/JU
 Sample : I4562-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-B

Quant Time: Aug 05 03:20:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	151987	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	509322	20.00	ng	-0.08
38) Acenaphthene-d10	13.99	164	441036	20.00	ng	-0.06
63) Phenanthrene-d10	16.74	188	920429	20.00	ng	-0.06
75) Chrysene-d12	20.97	240	1183225	20.00	ng	-0.06
86) Perylene-d12	23.06	264	1345966	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1331458	148.09	ng	-0.06
7) Phenol-d6	6.52	99	1560679	122.17	ng	-0.07
23) Nitrobenzene-d5	8.47	82	1299807	95.78	ng	-0.07
41) 2,4,6-Tribromophenol	15.49	330	1122525	158.80	ng	-0.06
44) 2-Fluorobiphenyl	12.59	172	3097436	88.08	ng	-0.07
78) Terphenyl-d14	19.42	244	6296560	105.41	ng	-0.05

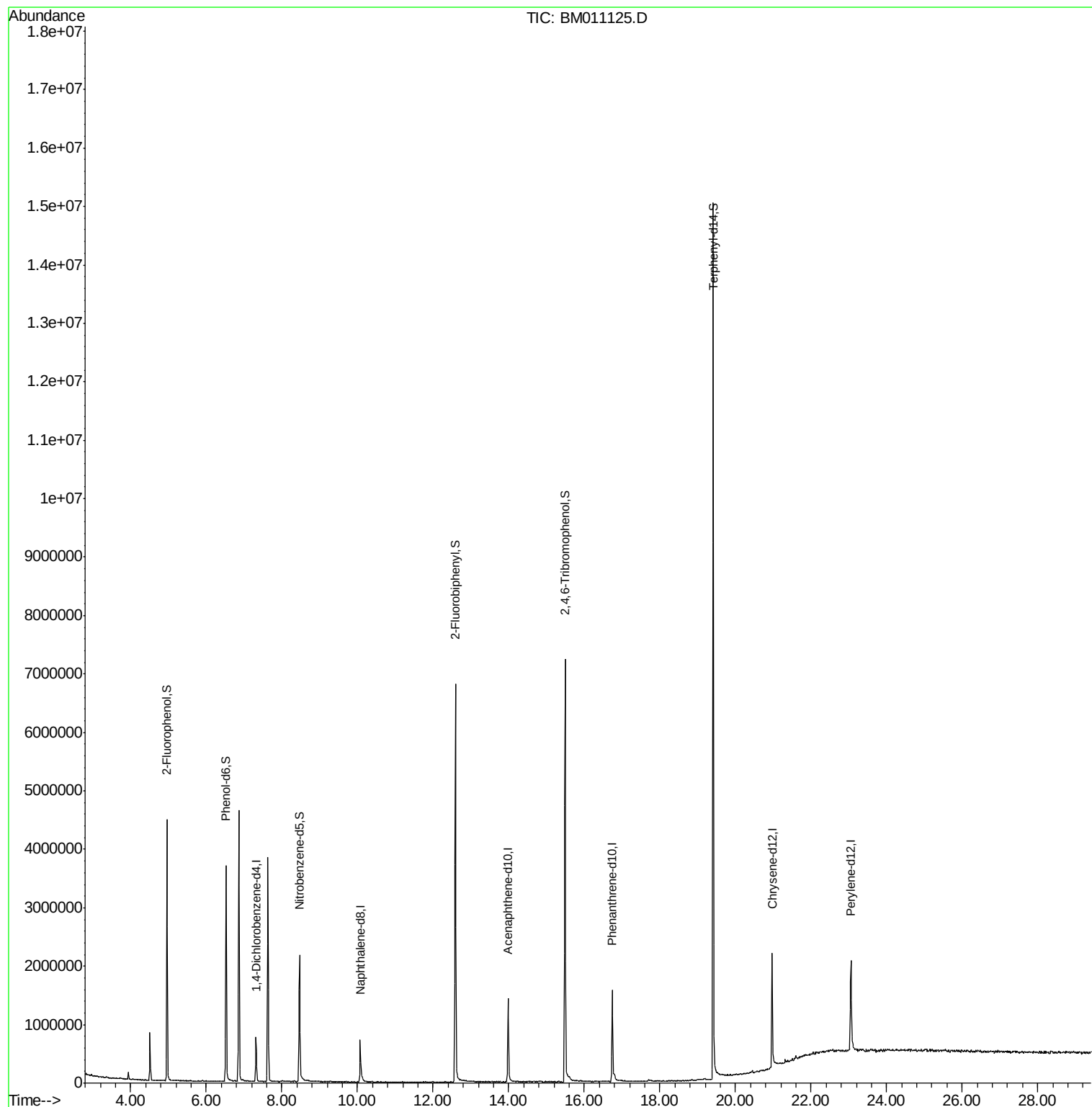
Target Compounds Qvalue

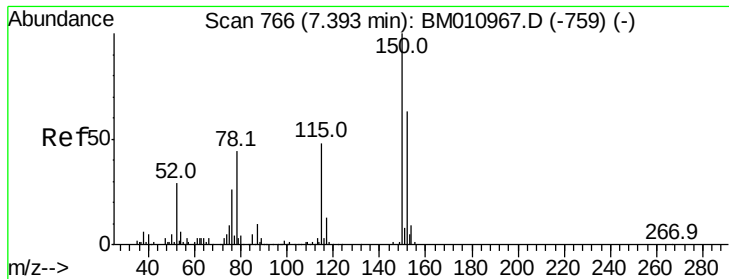
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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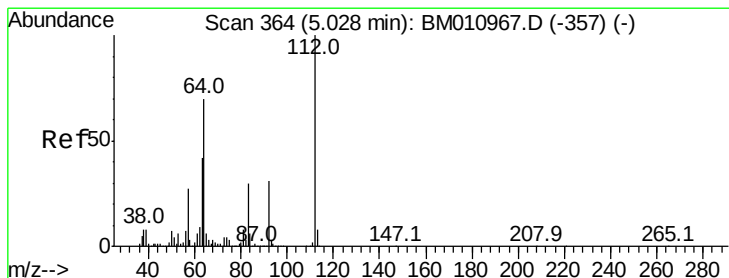
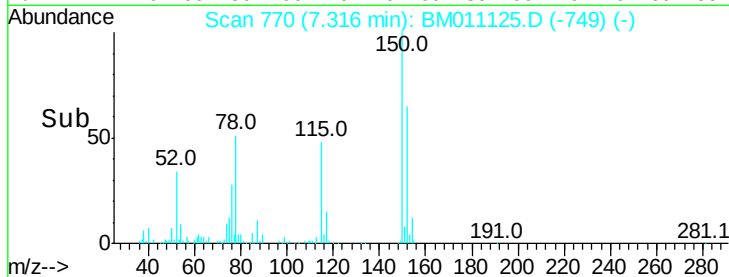
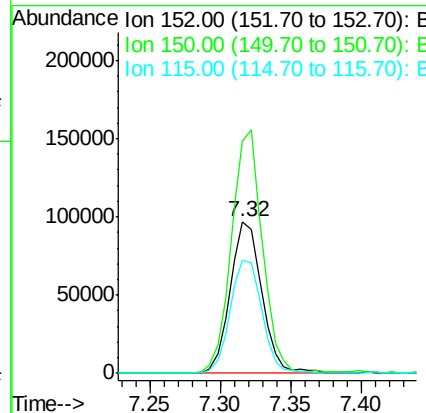
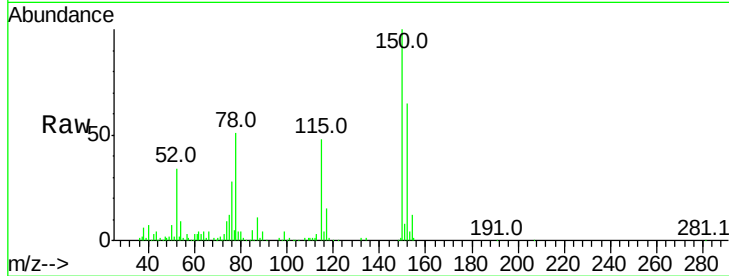


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011125.D
Acq: 04 Aug 2017 19:47

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-B

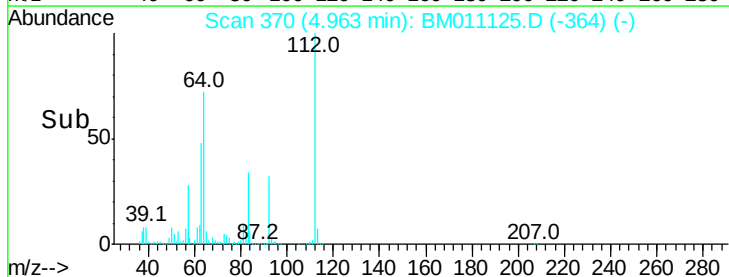
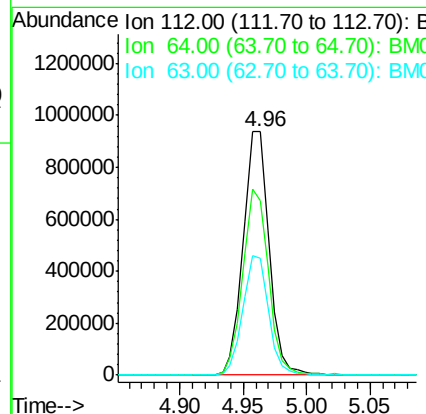
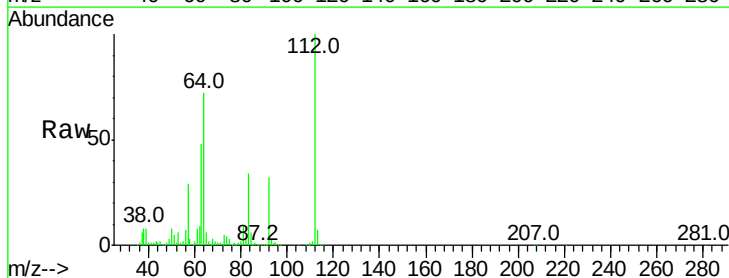
Tot Ion:152 Resp: 151987
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 74.3 43.0 64.4#

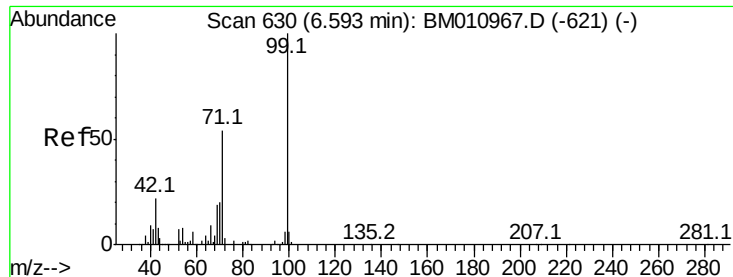


#5

2-Fluorophenol
Concen: 148.088 ng
RT: 4.96 min Scan# 370
Delta R.T. -0.06 min
Lab File: BM011125.D
Acq: 04 Aug 2017 19:47

Tgt Ion:112 Resp: 1331458
Ion Ratio Lower Upper
112 100
64 71.8 38.6 57.8#
63 48.1 19.3 28.9#





#7

Phenol-d6

Concen: 122.171 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011125.D

Acq: 04 Aug 2017 19:47

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-B

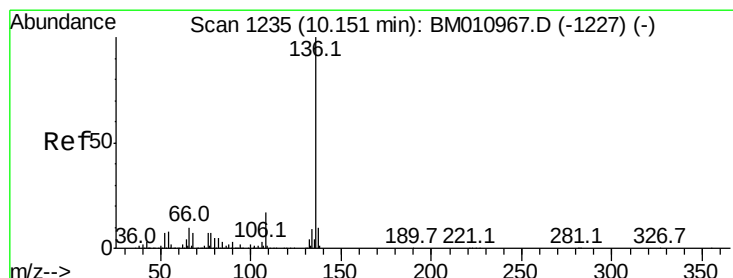
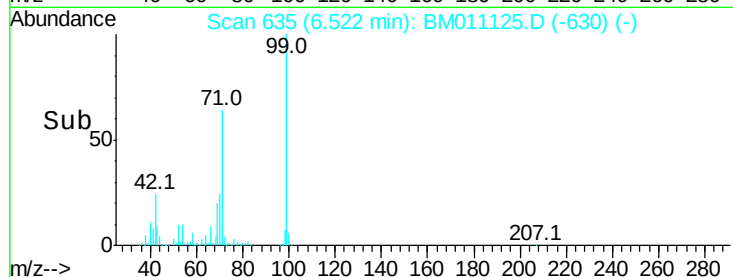
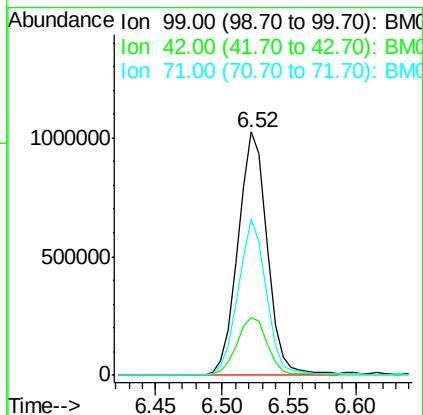
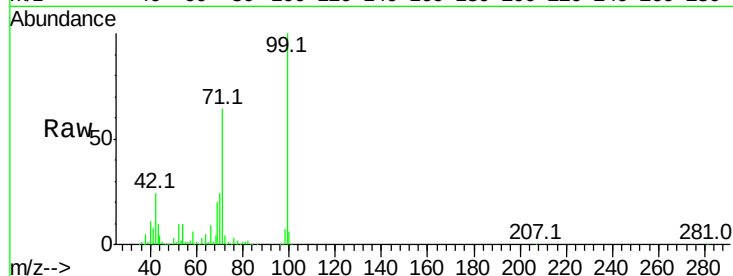
Tot Ion: 99 Resp: 1560679

Ion Ratio Lower Upper

99 100

42 23.9 11.0 16.4#

71 64.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011125.D

Acq: 04 Aug 2017 19:47

Tgt Ion: 136 Resp: 509322

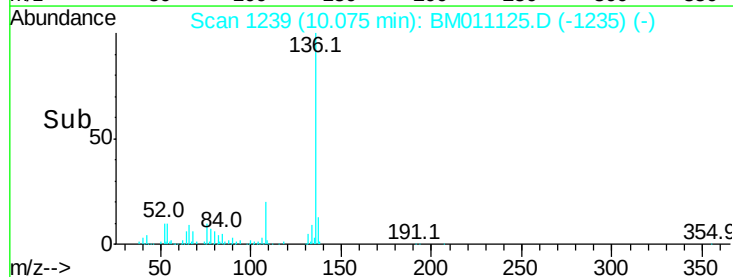
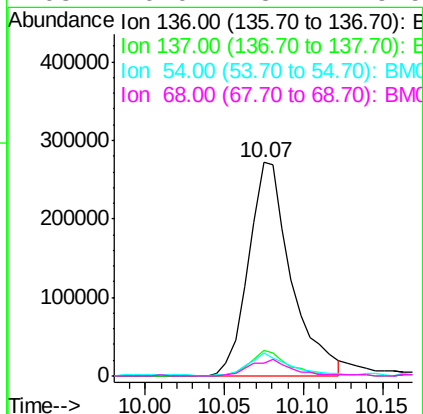
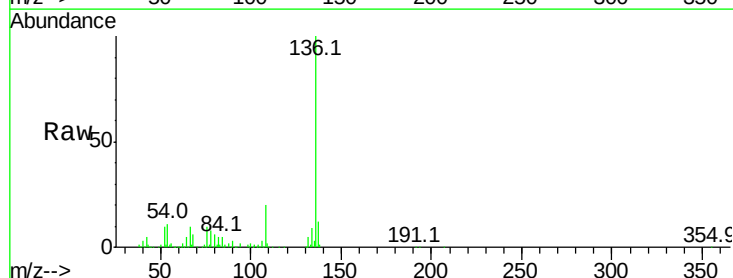
Ion Ratio Lower Upper

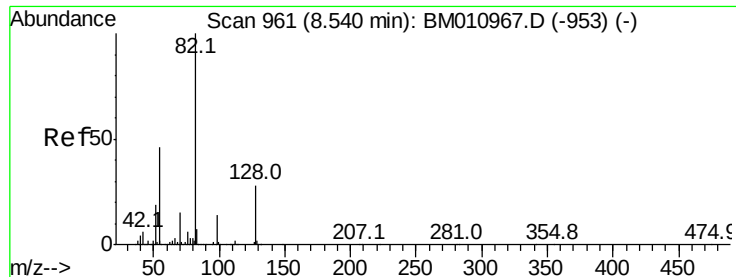
136 100

137 12.0 8.7 13.1

54 10.7 4.6 6.8#

68 6.0 3.7 5.5#

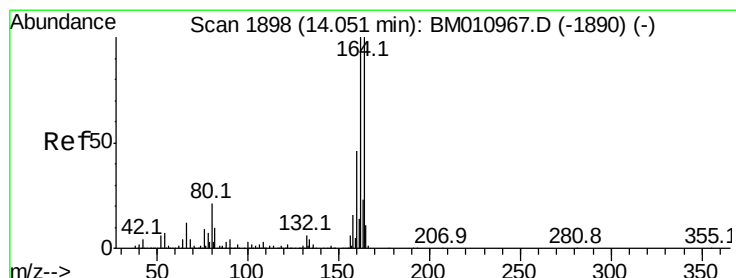
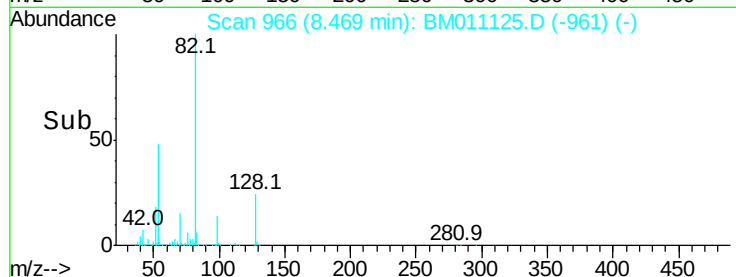
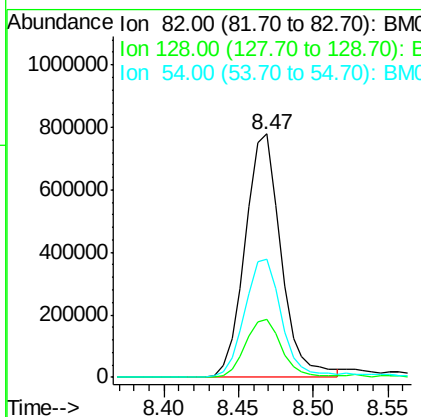
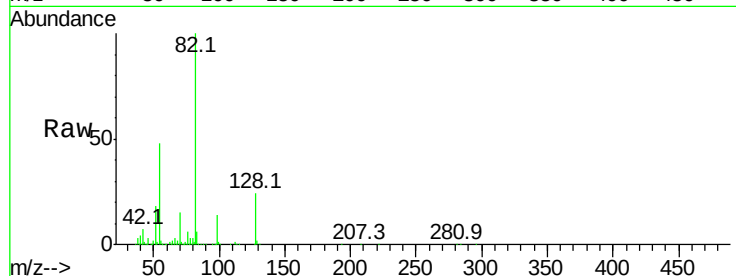




#23
 Nitrobenzene-d5
 Concen: 95.782 ng
 RT: 8.47 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BM011125.D
 Acq: 04 Aug 2017 19:47

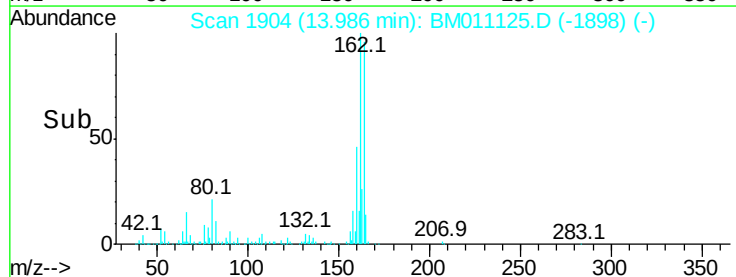
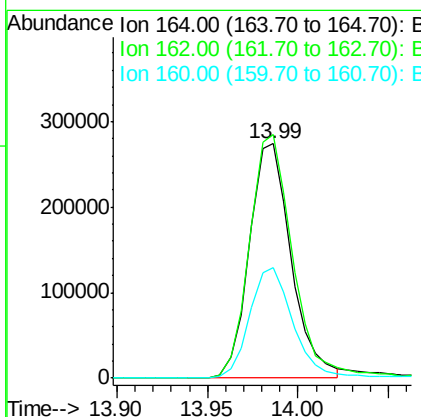
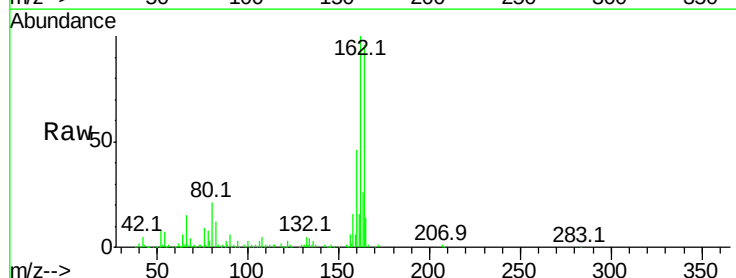
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-B

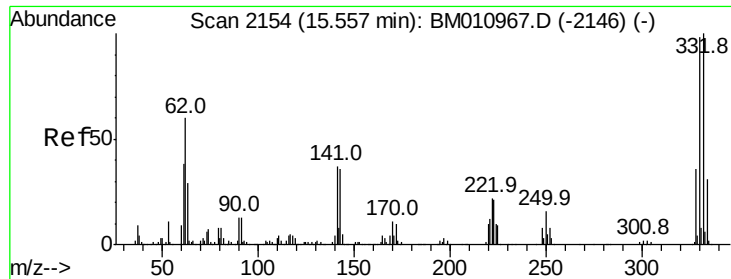
Tot Ion	Ratio	Lower	Upper
82	100		
128	23.7	32.8	49.2#
54	48.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.99 min Scan# 1904
 Delta R.T. -0.06 min
 Lab File: BM011125.D
 Acq: 04 Aug 2017 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.4	123.6
160	47.3	35.8	53.6

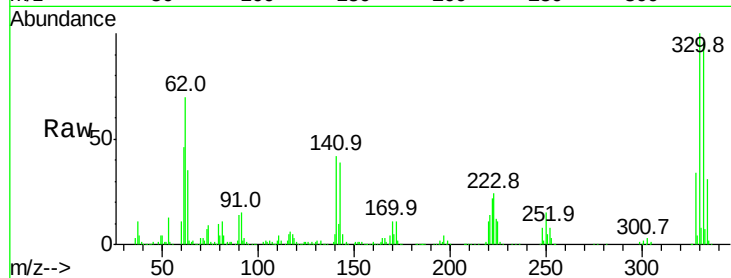




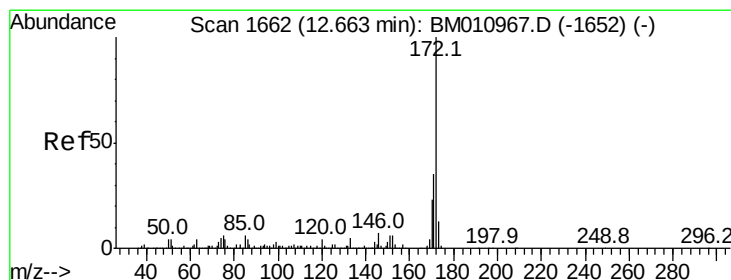
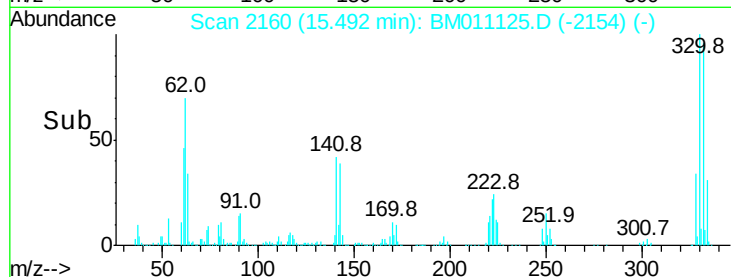
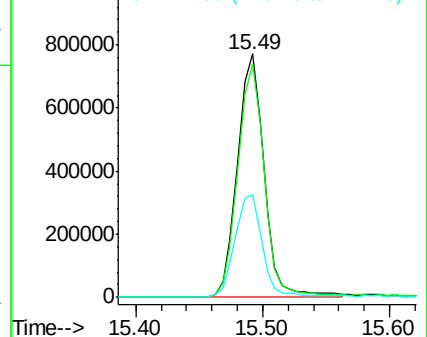
#41
 2,4,6-Tribromophenol
 Concen: 158.798 ng
 RT: 15.49 min Scan# 2160
 Delta R.T. -0.06 min
 Lab File: BM011125.D
 Acq: 04 Aug 2017 19:47

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-B

Tot Ion:330 Resp: 1122525
 Ion Ratio Lower Upper
 330 100
 332 94.7 0.0 0.0#
 141 43.4 0.0 0.0#

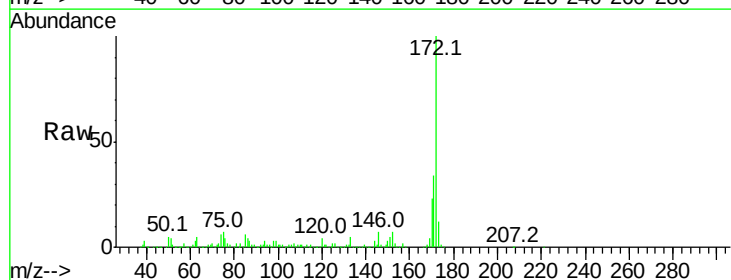


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

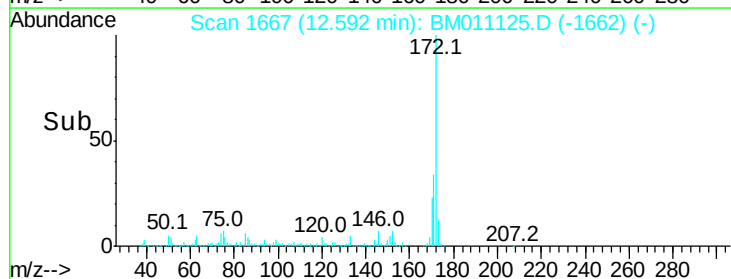
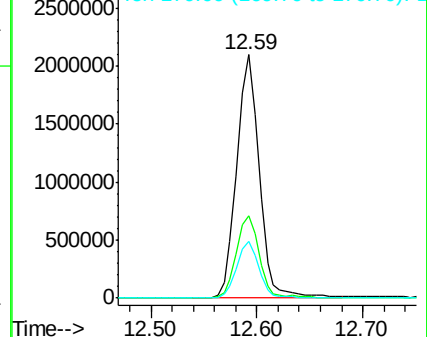


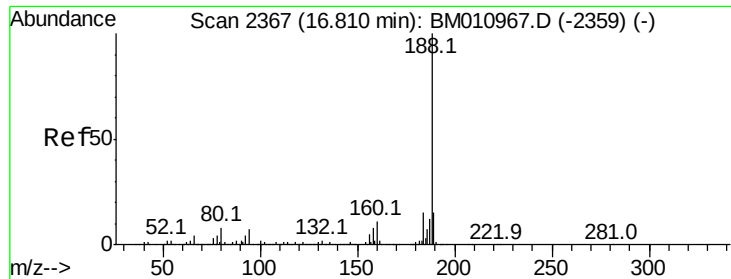
#44
 2-Fluorobiphenyl
 Concen: 88.079 ng
 RT: 12.59 min Scan# 1667
 Delta R.T. -0.07 min
 Lab File: BM011125.D
 Acq: 04 Aug 2017 19:47

Tgt Ion:172 Resp: 3097436
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.5 42.7
 170 23.4 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

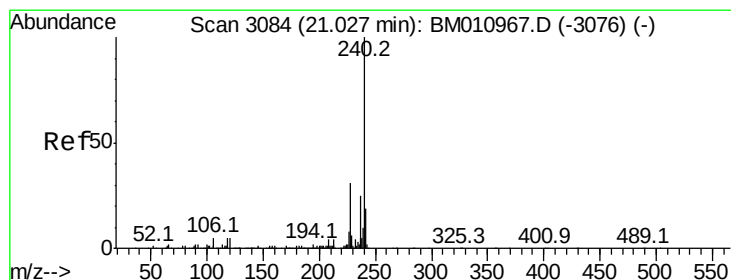
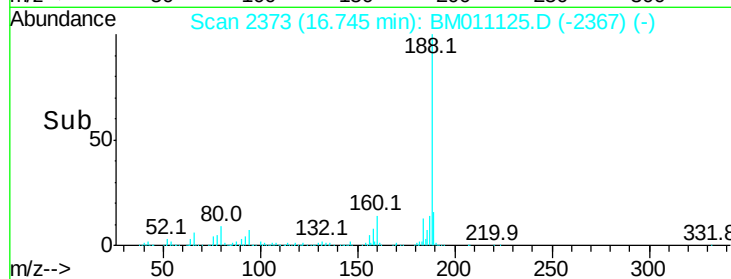
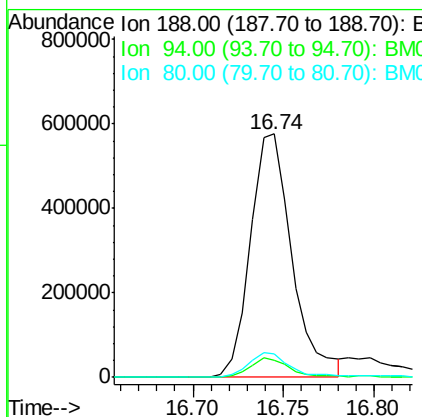
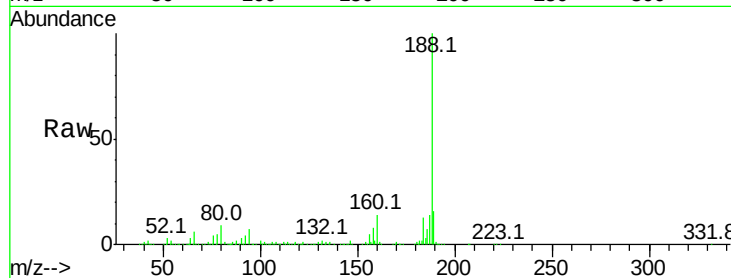




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2373
Delta R.T. -0.06 min
Lab File: BM011125.D
Acq: 04 Aug 2017 19:47

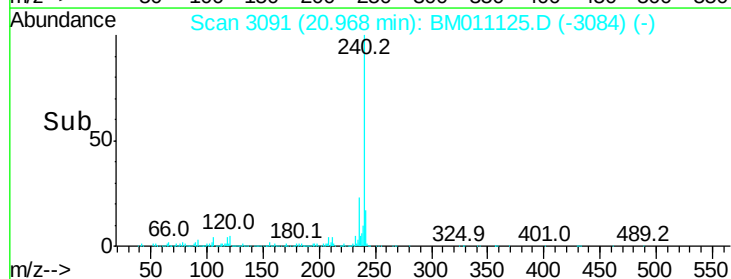
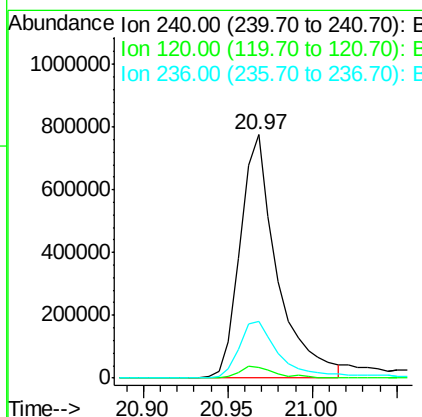
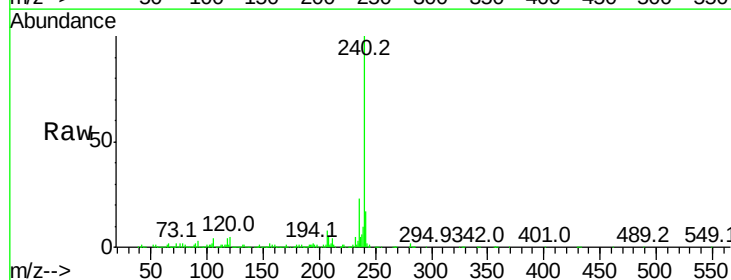
Instrument :
BNA_M
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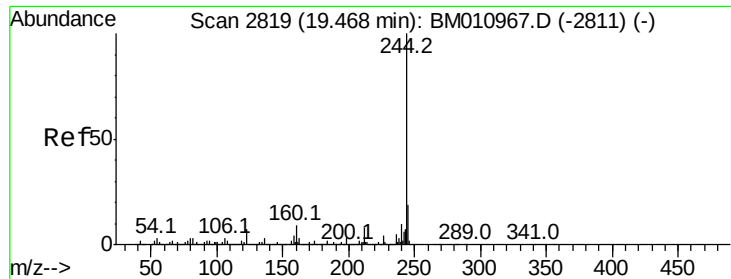
Tot Ion:188 Resp: 920429
Ion Ratio Lower Upper
188 100
94 7.2 8.7 13.1#
80 9.4 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.97 min Scan# 3091
Delta R.T. -0.06 min
Lab File: BM011125.D
Acq: 04 Aug 2017 19:47

Tgt Ion:240 Resp: 1183225
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 23.3 20.0 30.0





#78

Terphenyl-d14

Concen: 105.413 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.05 min

Lab File: BM011125.D

Acq: 04 Aug 2017 19:47

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-B

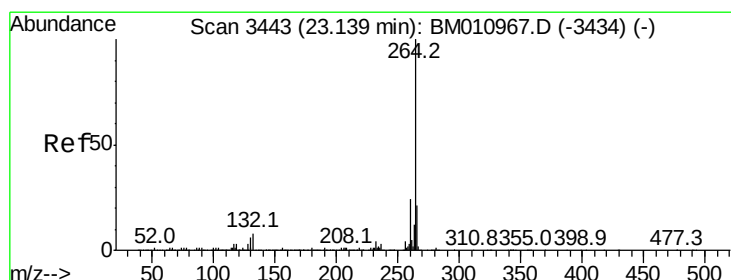
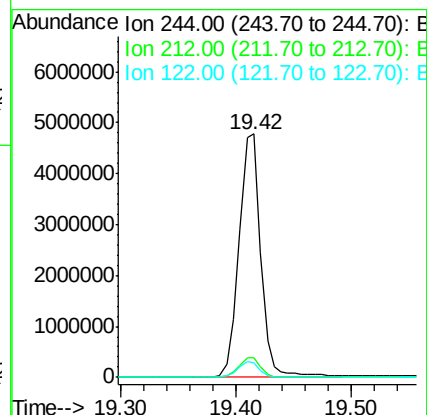
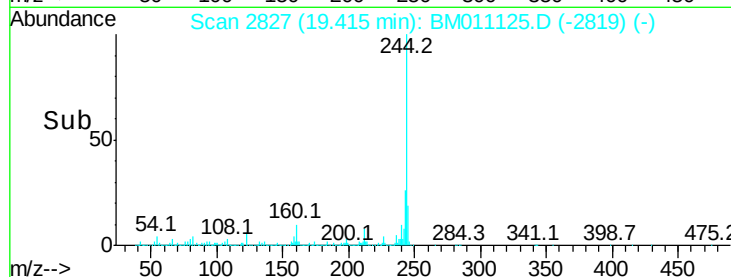
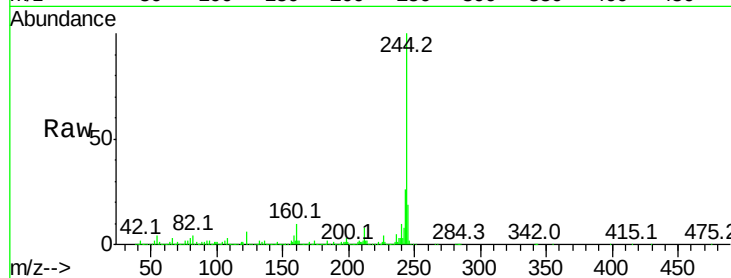
Tot Ion:244 Resp: 6296560

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

122 6.1 6.2 9.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.06 min Scan# 3446

Delta R.T. -0.08 min

Lab File: BM011125.D

Acq: 04 Aug 2017 19:47

Tgt Ion:264 Resp: 1345966

Ion Ratio Lower Upper

264 100

260 25.6 18.6 27.8

265 23.1 17.3 25.9

