

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011254.D
 Acq On : 16 Aug 2017 12:57
 Operator : SJ/JU
 Sample : I4793-06RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-BRE

Quant Time: Aug 16 14:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	96545	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	320754	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	130960	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	447728	20.00	ng	0.00
75) Chrysene-d12	20.94	240	400262	20.00	ng	0.00
86) Perylene-d12	23.02	264	20033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	770341	134.88	ng	0.00
7) Phenol-d6	6.49	99	745873	91.92	ng	0.00
23) Nitrobenzene-d5	8.43	82	1034002	120.99	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	411957	196.26	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	1541082	147.58	ng	0.00
78) Terphenyl-d14	19.39	244	2544857	125.94	ng	0.00

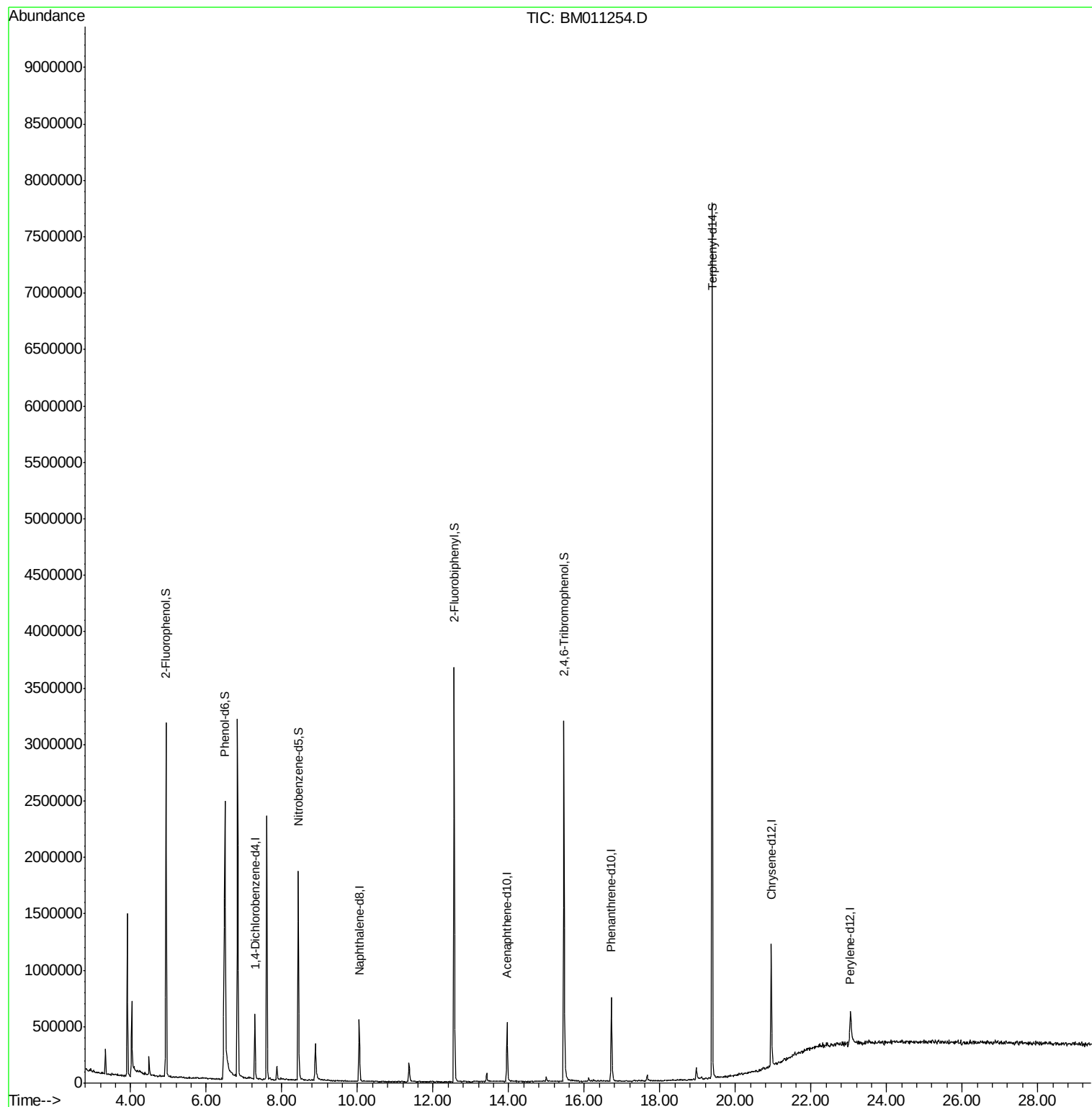
Target Compounds Qvalue

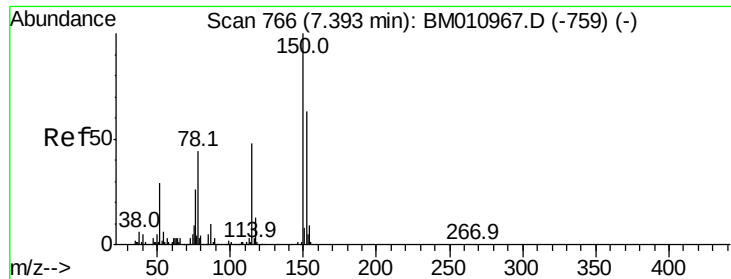
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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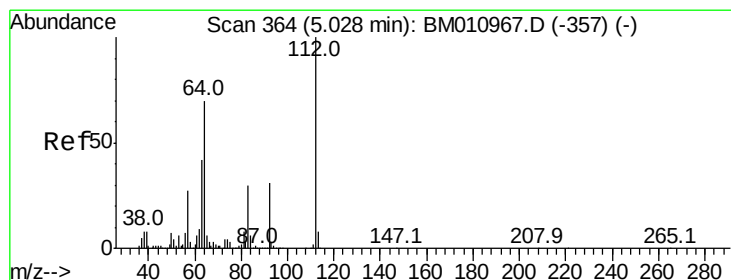
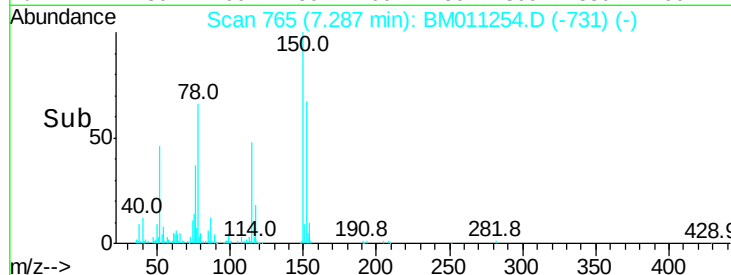
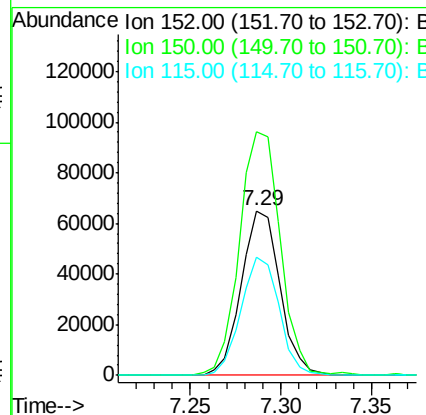
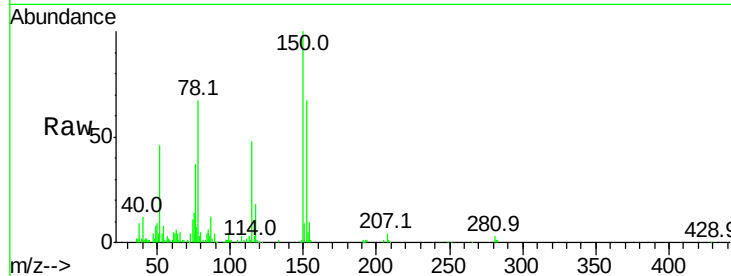


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. 0.00 min
Lab File: BM011254.D
Acq: 16 Aug 2017 12:57

Instrument :
BNA_M
ClientSampleId :
EO-02-081417-BRE

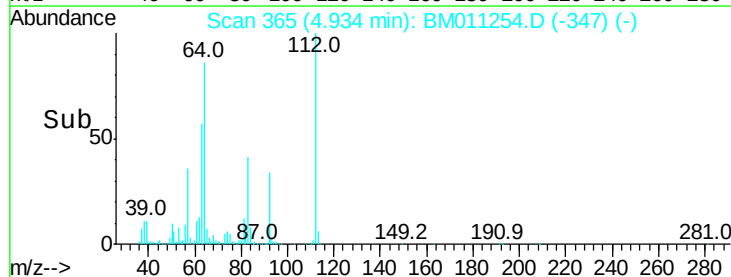
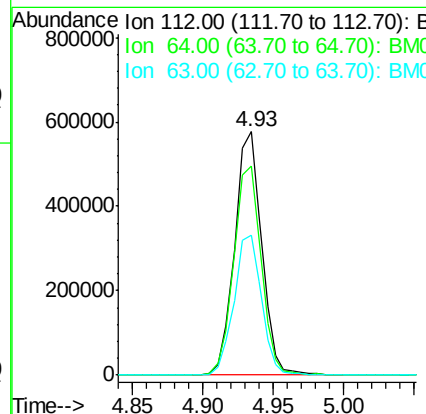
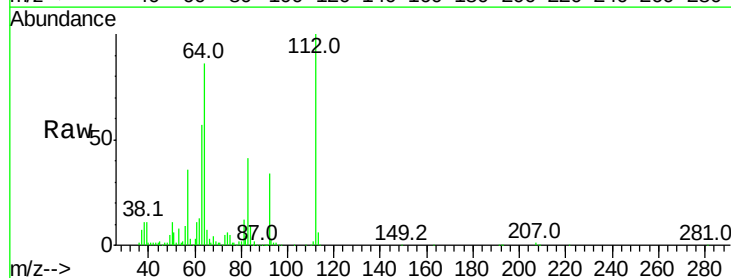
Tot Ion:152 Resp: 96545
Ion Ratio Lower Upper
152 100
150 148.2 119.5 179.3
115 71.8 43.0 64.4#

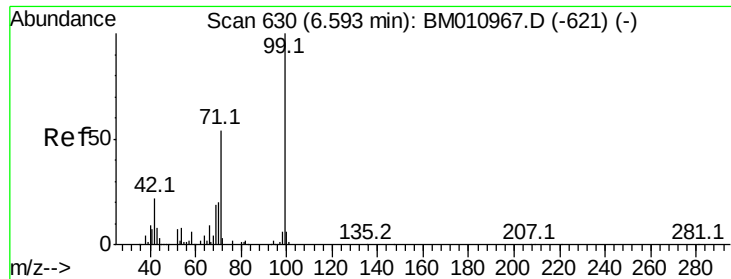


#5

2-Fluorophenol
Concen: 134.882 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011254.D
Acq: 16 Aug 2017 12:57

Tgt Ion:112 Resp: 770341
Ion Ratio Lower Upper
112 100
64 85.7 38.6 57.8#
63 57.4 19.3 28.9#





#7

Phenol-d6

Concen: 91.917 ng

RT: 6.49 min Scan# 630

Delta R.T. 0.00 min

Lab File: BM011254.D

Acq: 16 Aug 2017 12:57

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-BRE

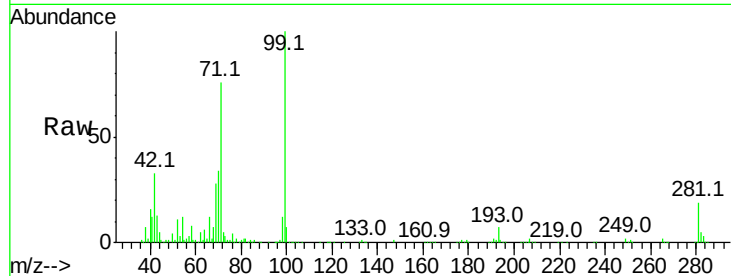
Tot Ion: 99 Resp: 745873

Ion Ratio Lower Upper

99 100

42 32.6 11.0 16.4#

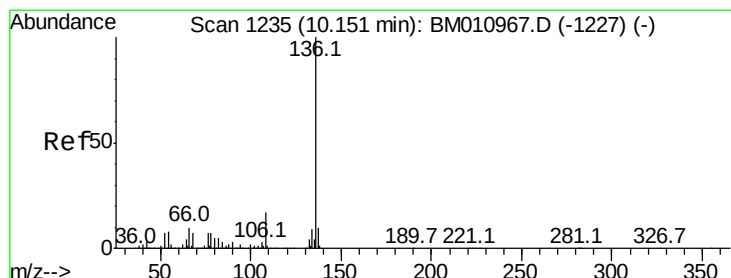
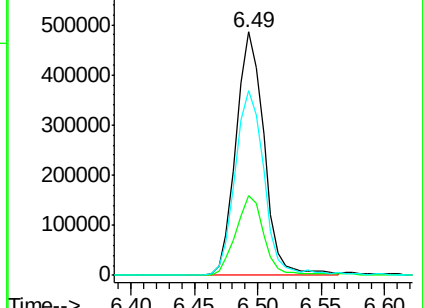
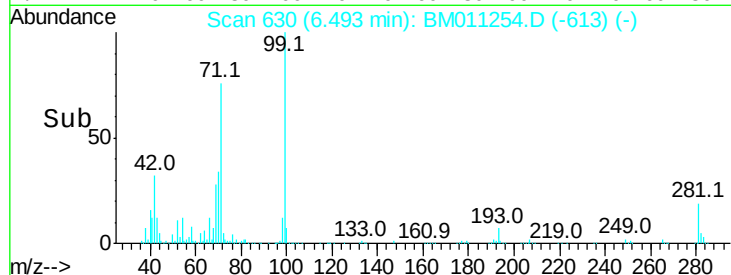
71 76.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011254.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011254.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011254.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011254.D

Acq: 16 Aug 2017 12:57

Tgt Ion: 136 Resp: 320754

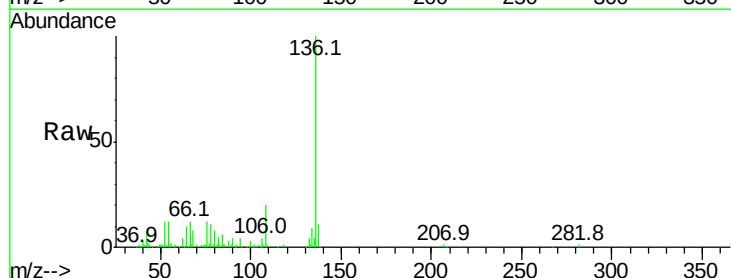
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.9 4.6 6.8#

68 7.7 3.7 5.5#

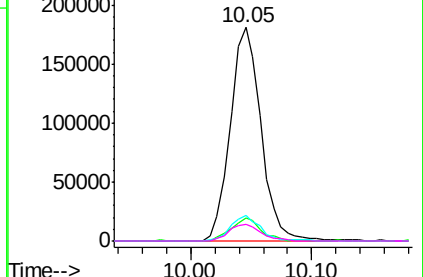
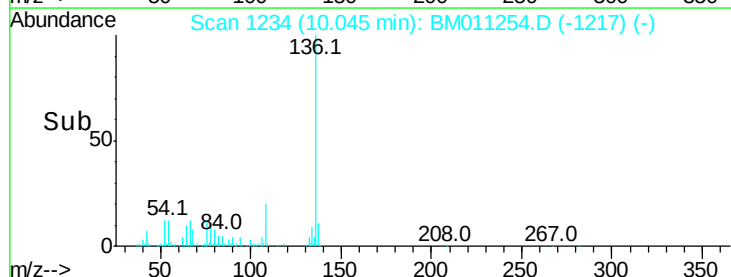


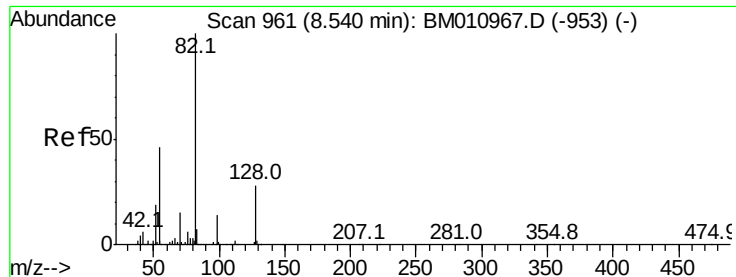
Abundance Ion 136.00 (135.70 to 136.70): BM011254.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011254.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011254.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011254.D (-1217) (-)

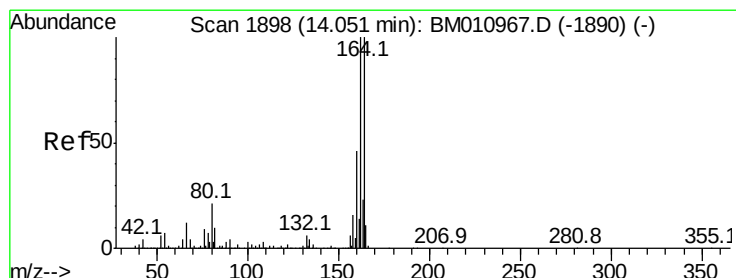
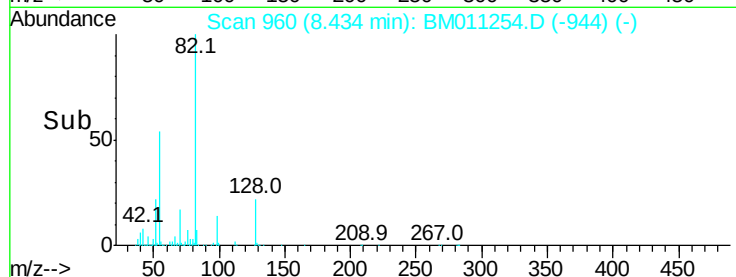
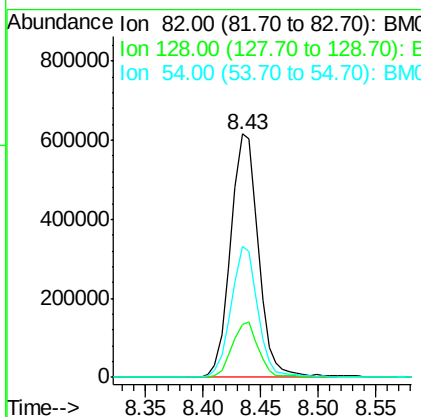
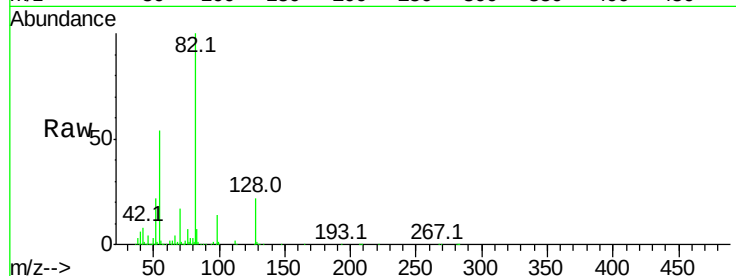




#23
 Nitrobenzene-d5
 Concen: 120.989 ng
 RT: 8.43 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BM011254.D
 Acq: 16 Aug 2017 12:57

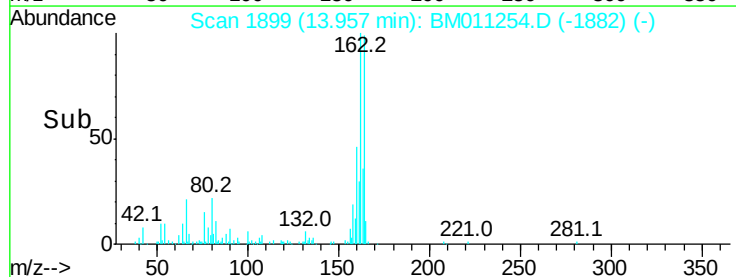
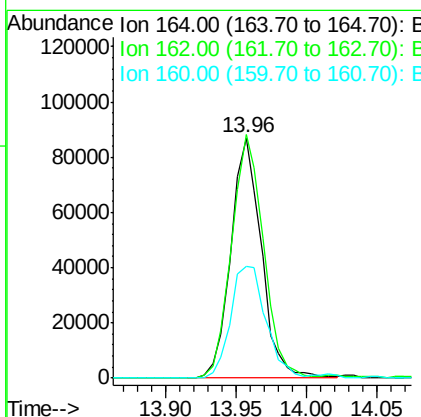
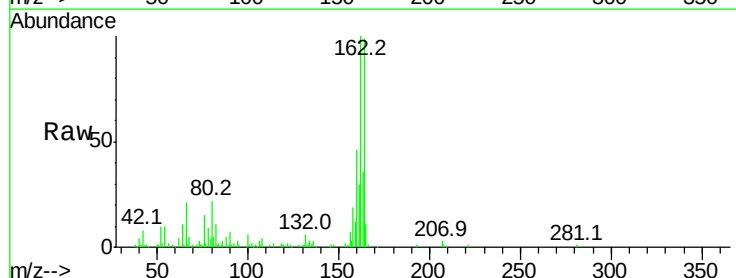
Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-BRE

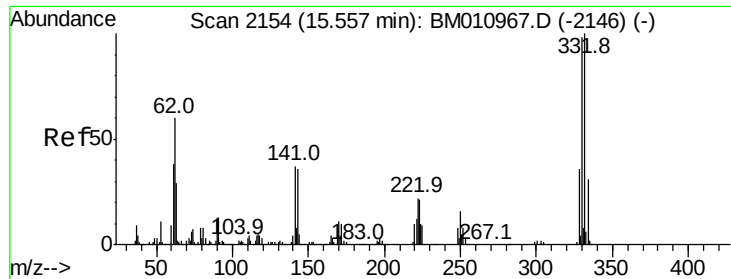
Tot Ion: 82 Resp: 1034002
 Ion Ratio Lower Upper
 82 100
 128 21.9 32.8 49.2#
 54 53.8 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM011254.D
 Acq: 16 Aug 2017 12:57

Tgt Ion:164 Resp: 130960
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.4 123.6
 160 46.5 35.8 53.6

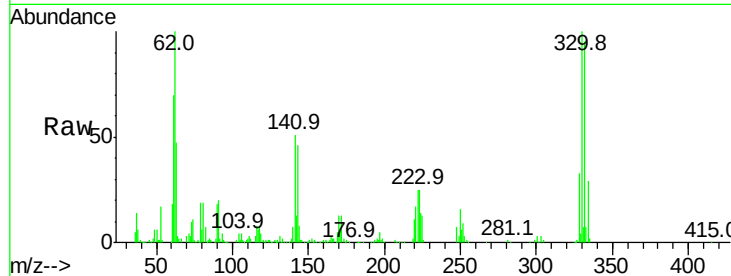




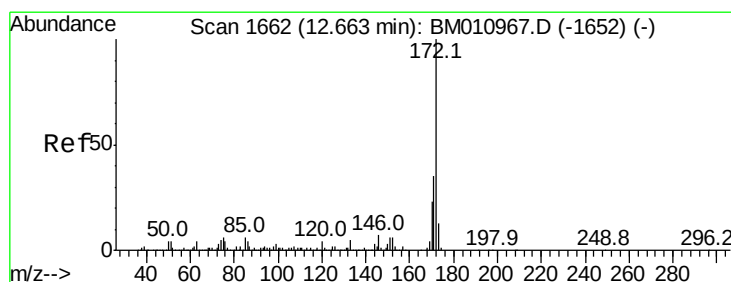
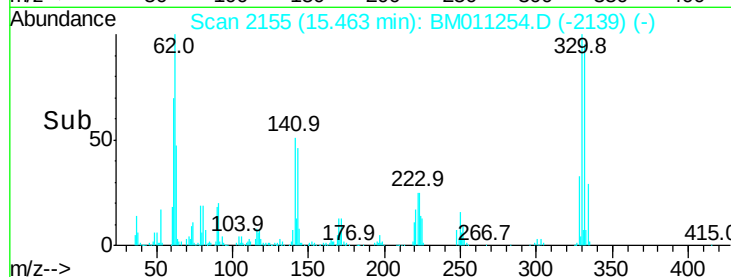
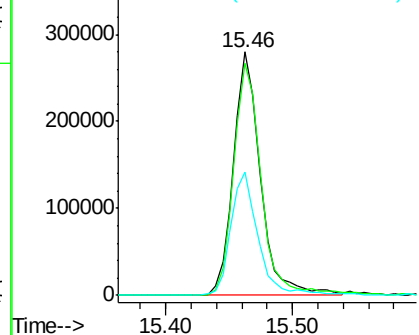
#41
 2,4,6-Tribromophenol
 Concen: 196.262 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011254.D
 Acq: 16 Aug 2017 12:57

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-081417-BRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	51.0	0.0	0.0#

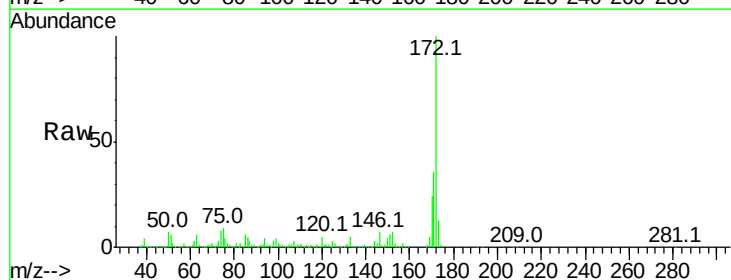


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

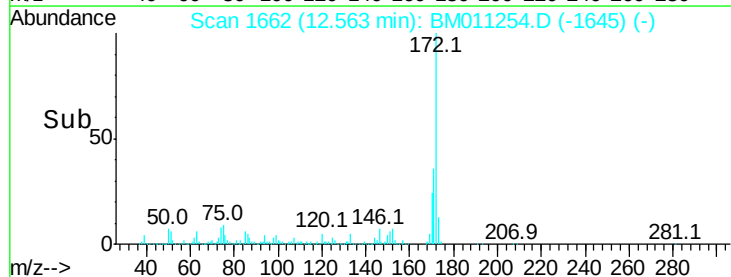
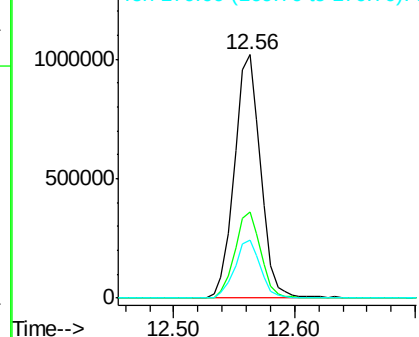


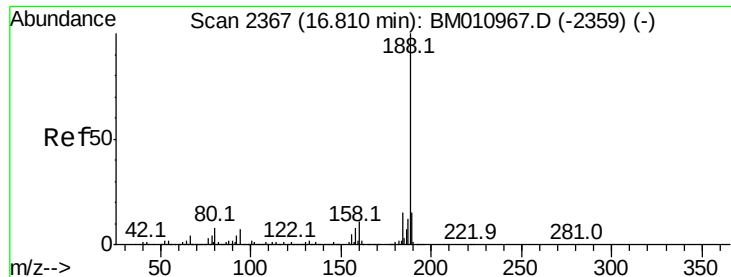
#44
 2-Fluorobiphenyl
 Concen: 147.581 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011254.D
 Acq: 16 Aug 2017 12:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.9	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

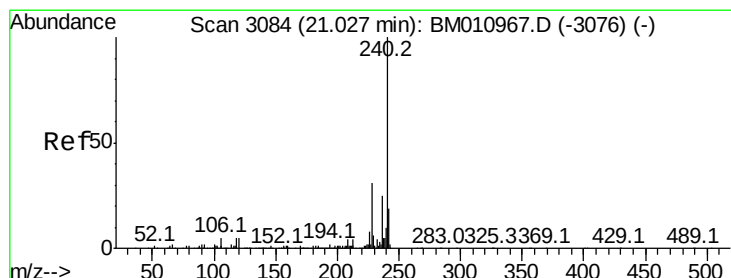
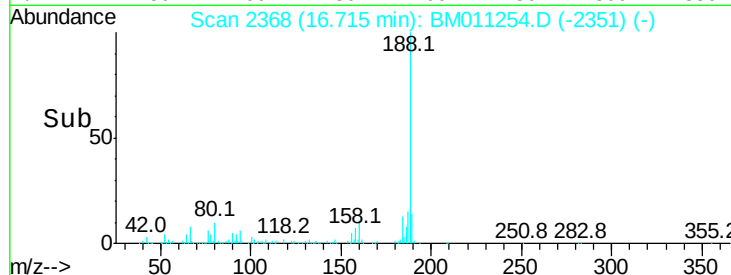
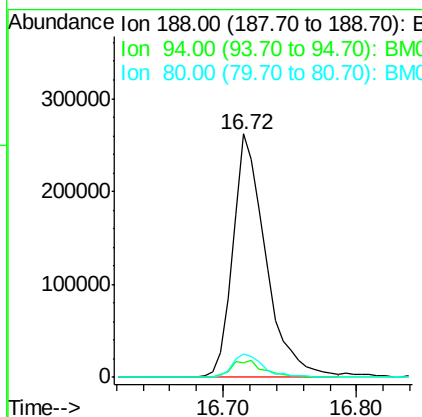
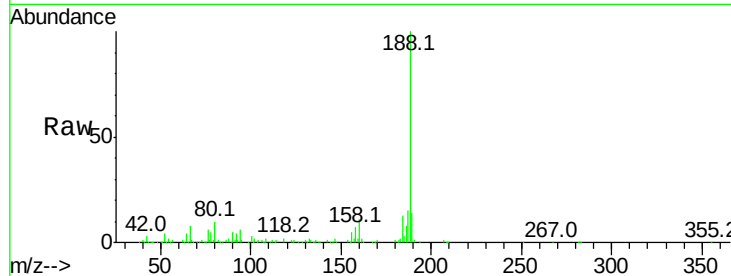




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BM011254.D
Acq: 16 Aug 2017 12:57

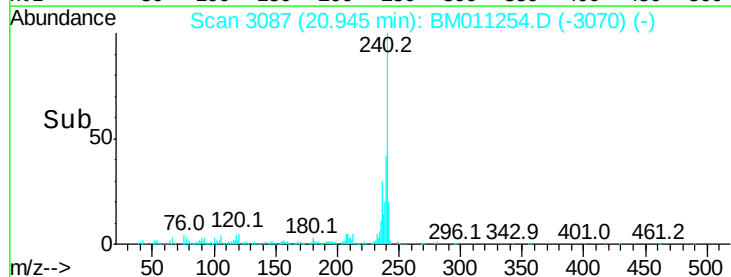
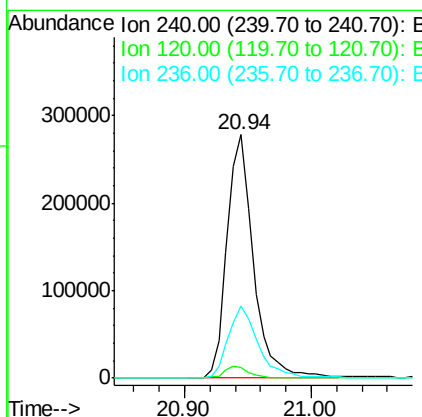
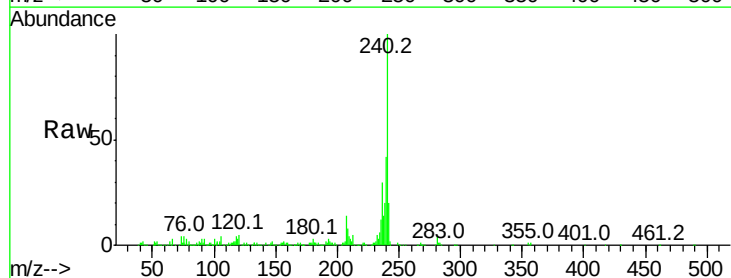
Instrument :
BNA_M
ClientSampleId :
EO-02-081417-BRE

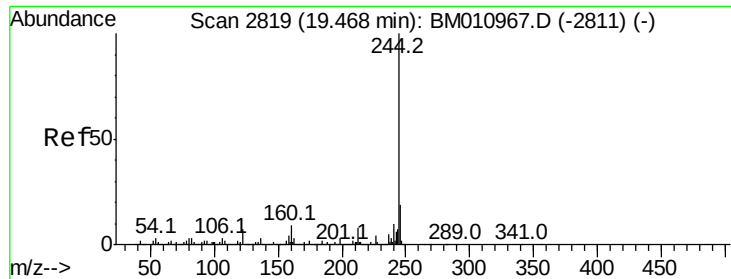
Tot Ion:188 Resp: 447728
Ion Ratio Lower Upper
188 100
94 6.2 8.7 13.1#
80 9.6 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011254.D
Acq: 16 Aug 2017 12:57

Tgt Ion:240 Resp: 400262
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 29.6 20.0 30.0





#78

Terphenyl-d14

Concen: 125.943 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011254.D

Acq: 16 Aug 2017 12:57

Instrument :

BNA_M

ClientSampleId :

EO-02-081417-BRE

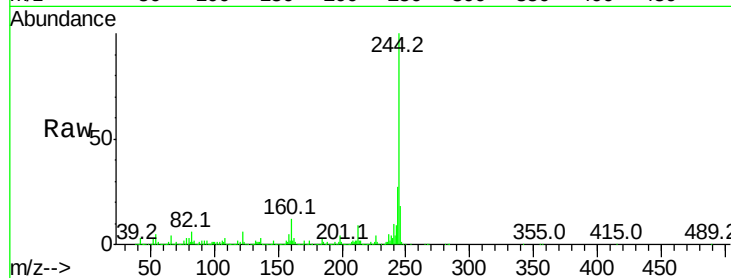
Tot Ion:244 Resp: 2544857

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

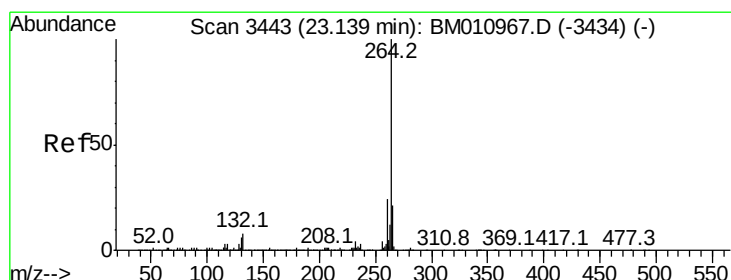
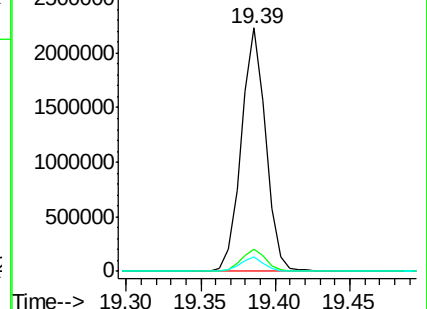
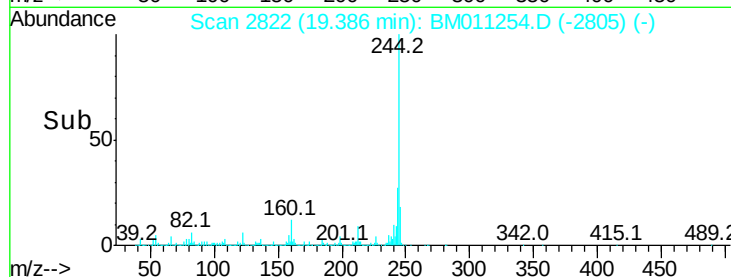
122 5.8 6.2 9.4#



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: 23.02 min Scan# 3440

Delta R.T. 0.00 min

Lab File: BM011254.D

Acq: 16 Aug 2017 12:57

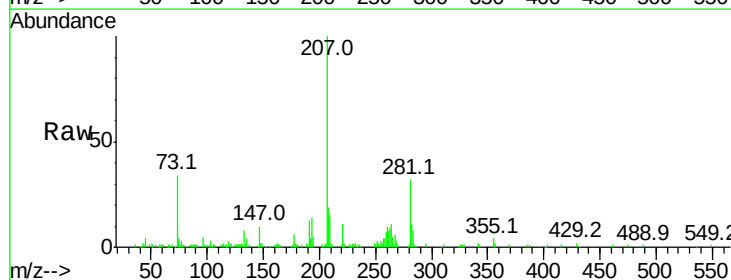
Tgt Ion:264 Resp: 20033

Ion Ratio Lower Upper

264 100

260 88.1 18.6 27.8#

265 43.7 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

