

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081517\
 Data File : BM011240.D
 Acq On : 15 Aug 2017 19:25
 Operator : SJ/JU
 Sample : I4755-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-081117-B

Quant Time: Aug 16 01:34:53 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 01:32:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	114854	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	389623	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	210948	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	576423	20.00	ng	0.00
75) Chrysene-d12	20.94	240	493190	20.00	ng	0.00
86) Perylene-d12	23.03	264	118988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	963538	141.82	ng	0.00
7) Phenol-d6	6.50	99	1168371	121.03	ng	0.00
23) Nitrobenzene-d5	8.44	82	1297488	124.98	ng	0.00
41) 2,4,6-Tribromophenol	15.46	330	533930	157.92	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	2017288	119.93	ng	0.00
78) Terphenyl-d14	19.39	244	2856371	114.72	ng	0.00

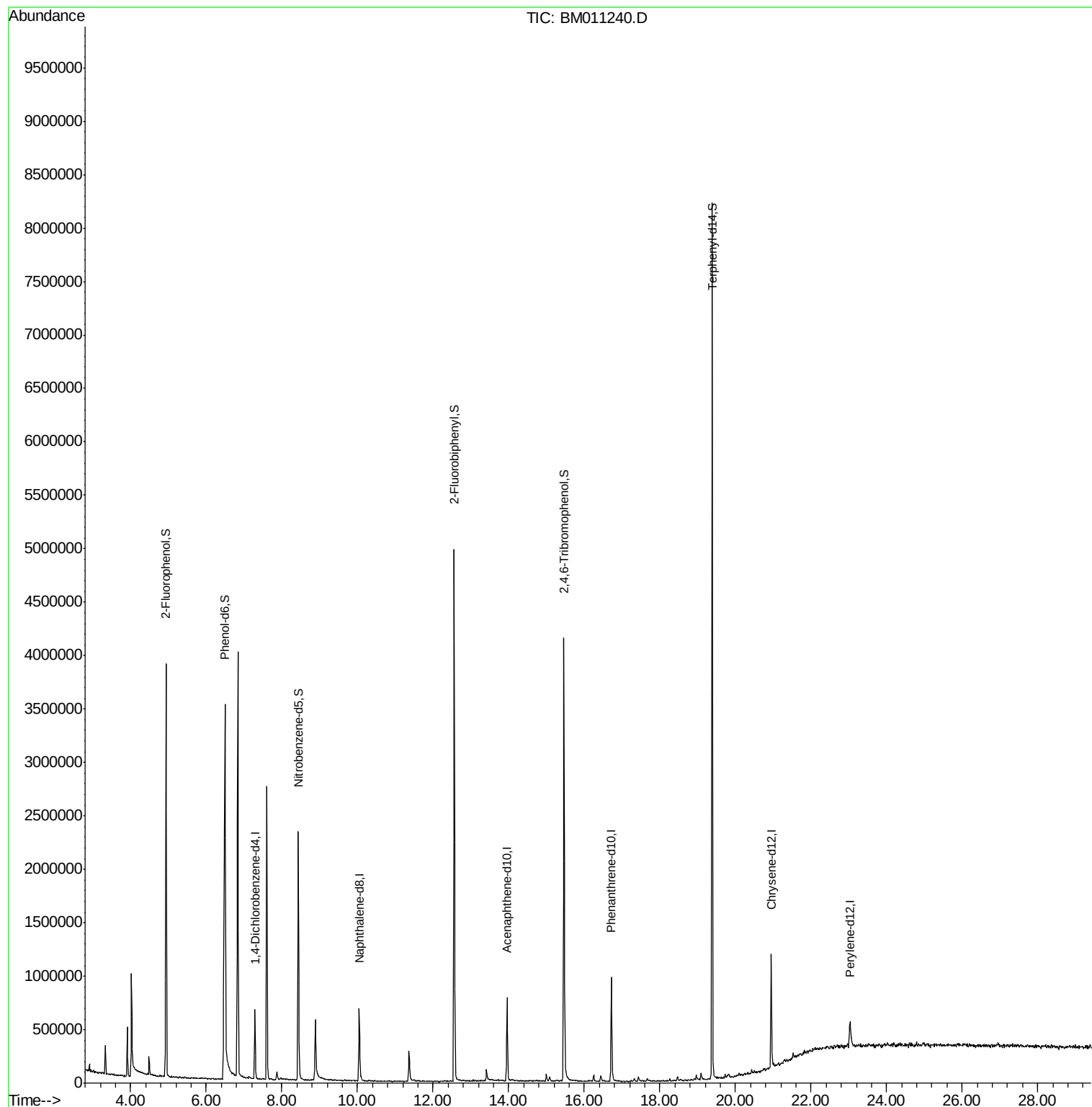
Target Compounds Qvalue

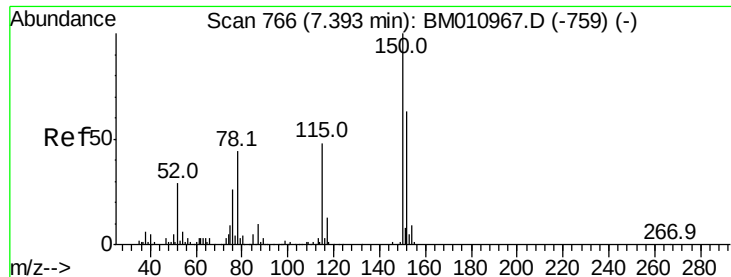
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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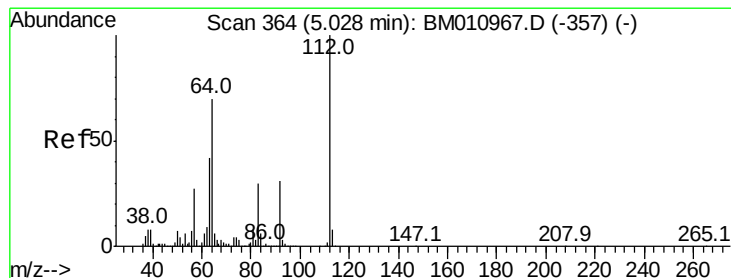
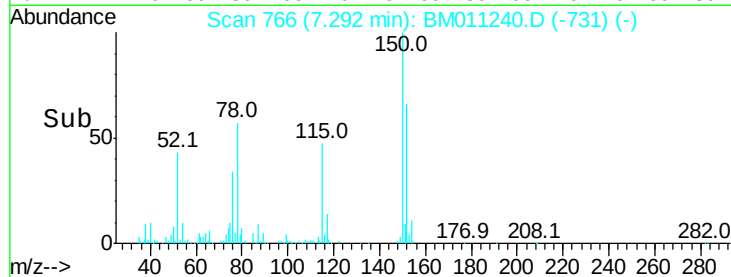
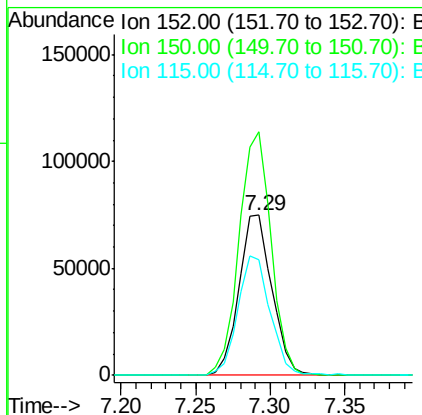
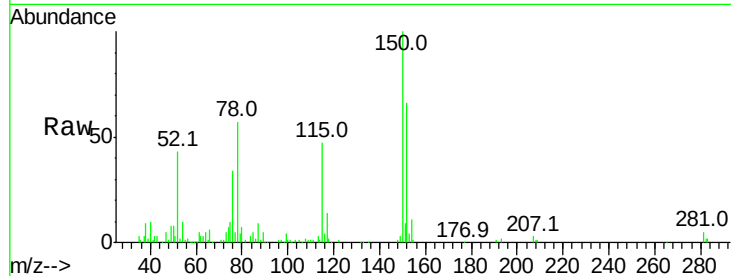


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011240.D
Acq: 15 Aug 2017 19:25

Instrument :
BNA_M
ClientSampleId :
SA-06-081117-B

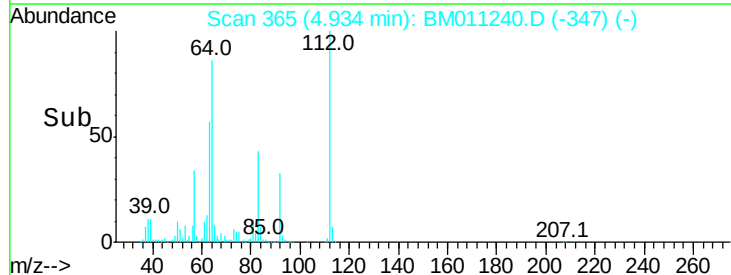
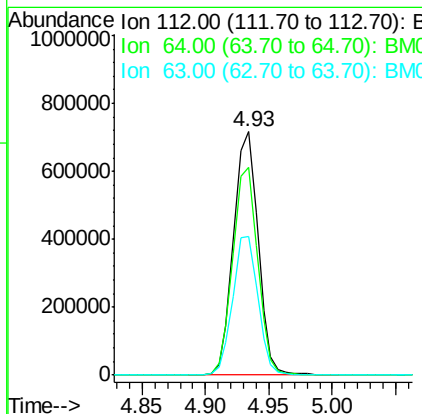
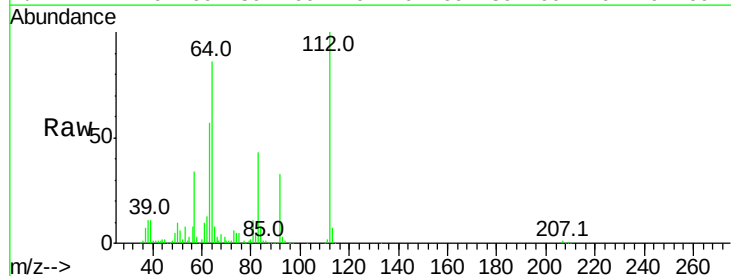
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	71.7	43.0	64.4

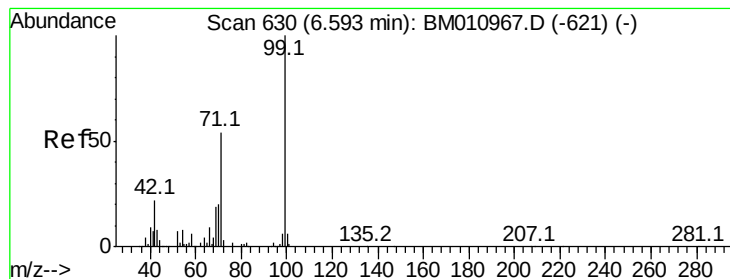


#5

2-Fluorophenol
Concen: 141.815 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011240.D
Acq: 15 Aug 2017 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	85.6	38.6	57.8
63	56.8	19.3	28.9





#7

Phenol-d6

Concen: 121.031 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011240.D

Acq: 15 Aug 2017 19:25

Instrument :

BNA_M

ClientSampleId :

SA-06-081117-B

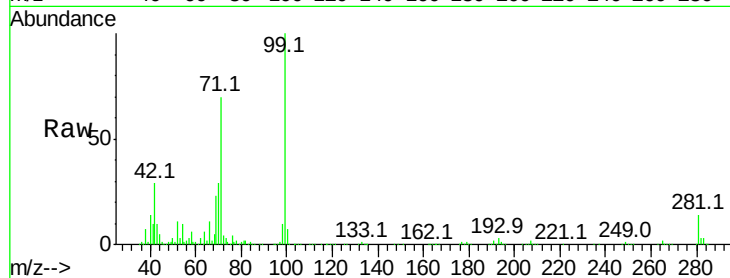
Tot Ion: 99 Resp: 1168371

Ion Ratio Lower Upper

99 100

42 28.9 11.0 16.4#

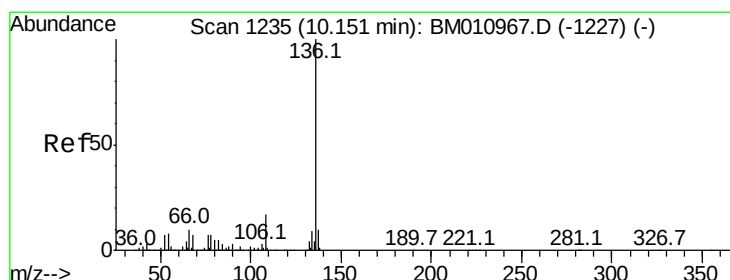
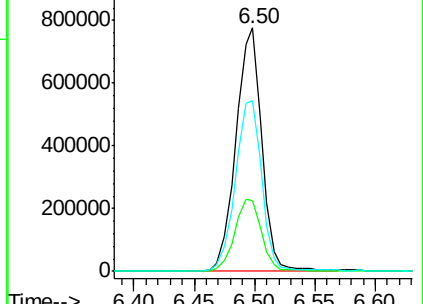
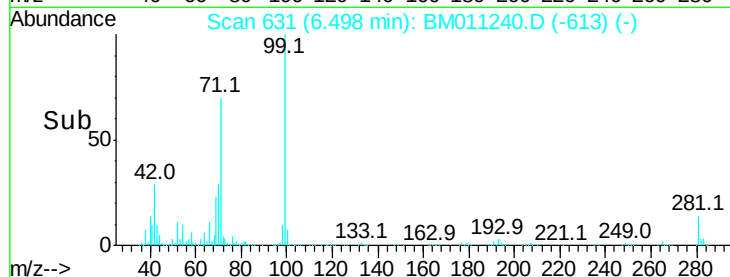
71 70.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011240.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011240.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011240.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011240.D

Acq: 15 Aug 2017 19:25

Tgt Ion: 136 Resp: 389623

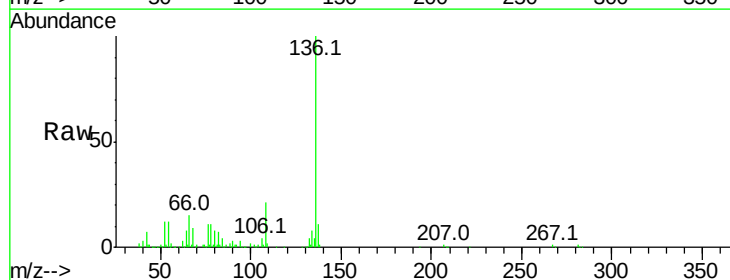
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.6 4.6 6.8#

68 8.5 3.7 5.5#

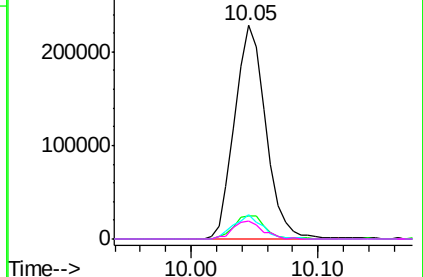
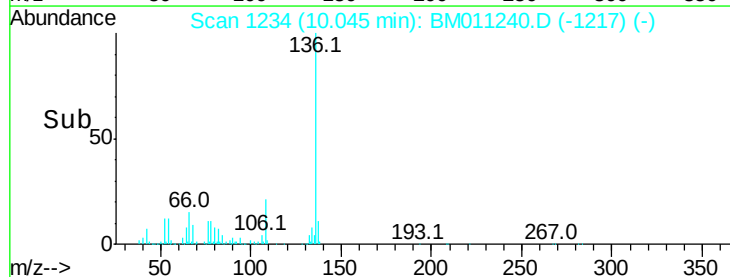


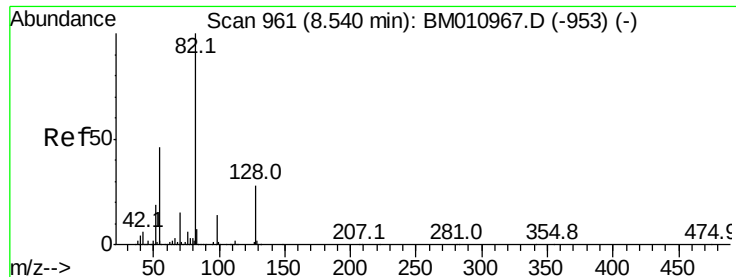
Abundance Ion 136.00 (135.70 to 136.70): BM011240.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011240.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011240.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011240.D (-1217) (-)

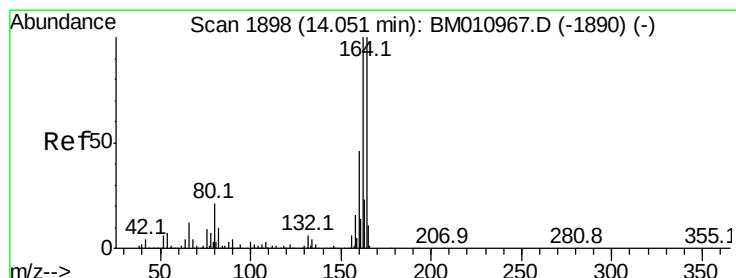
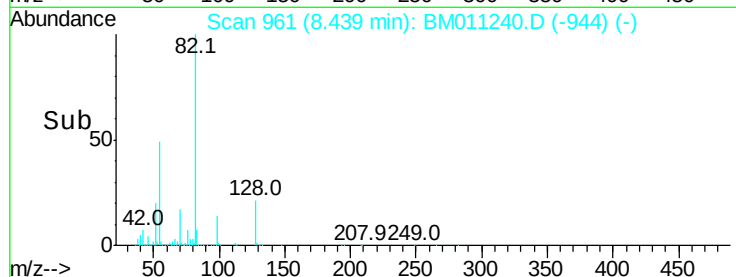
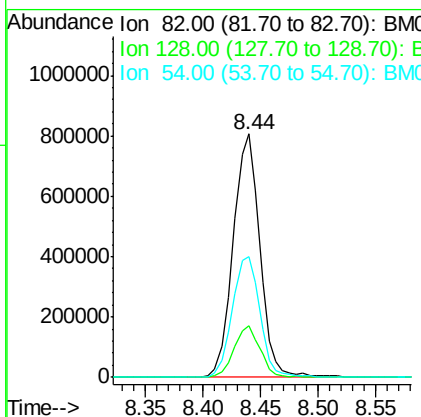
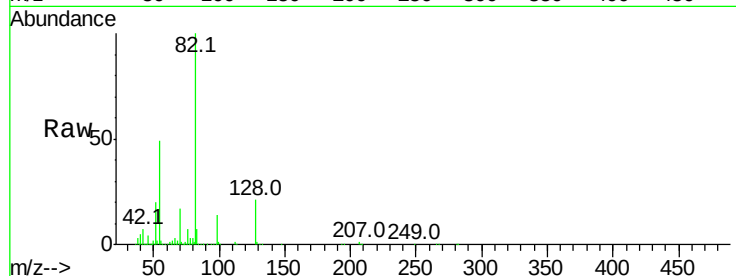




#23
 Nitrobenzene-d5
 Concen: 124.984 ng
 RT: 8.44 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BM011240.D
 Acq: 15 Aug 2017 19:25

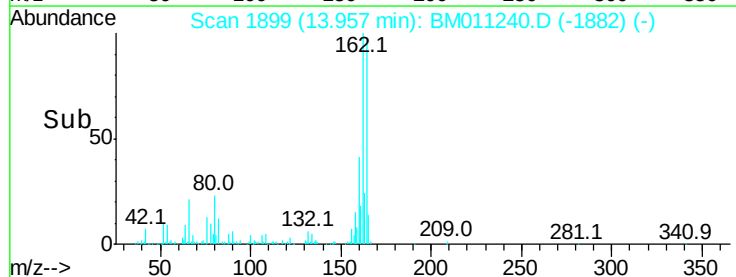
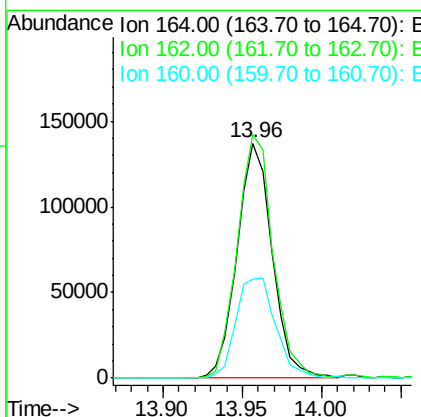
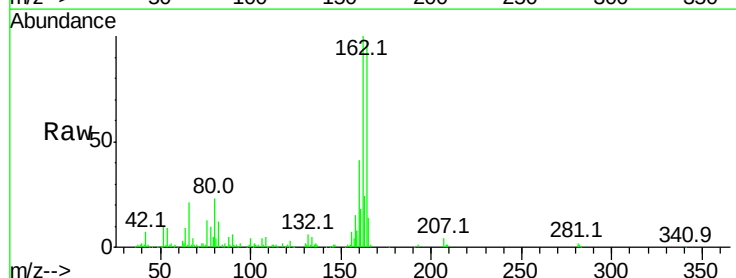
Instrument :
 BNA_M
 ClientSampleId :
 SA-06-081117-B

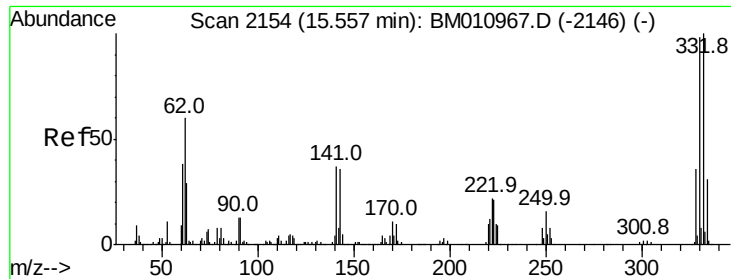
Tot Ion: 82 Resp: 1297488
 Ion Ratio Lower Upper
 82 100
 128 21.3 32.8 49.2#
 54 49.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM011240.D
 Acq: 15 Aug 2017 19:25

Tgt Ion: 164 Resp: 210948
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 42.1 35.8 53.6

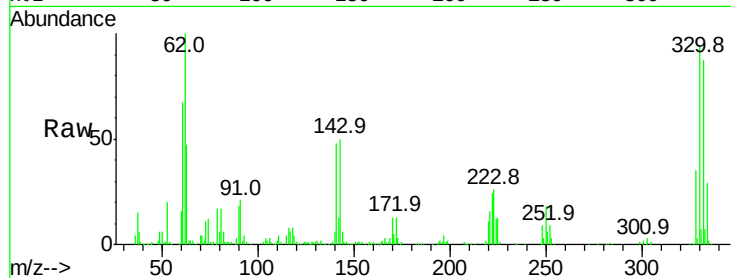




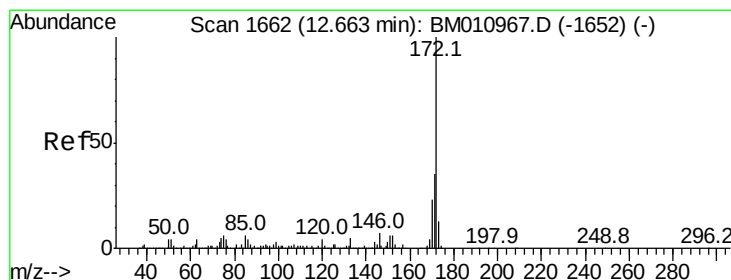
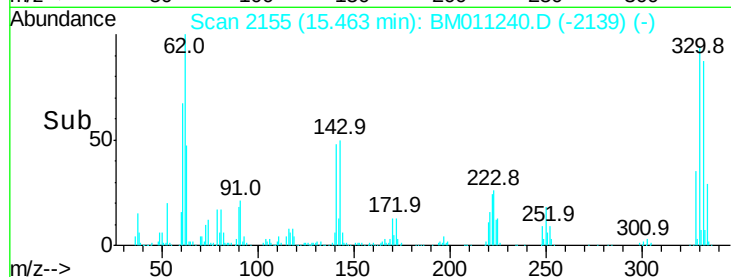
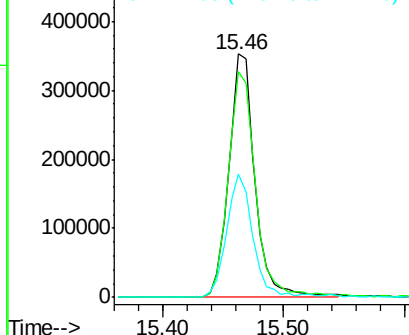
#41
 2,4,6-Tribromophenol
 Concen: 157.918 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011240.D
 Acq: 15 Aug 2017 19:25

Instrument :
 BNA_M
 ClientSampleId :
 SA-06-081117-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	50.9	0.0	0.0#

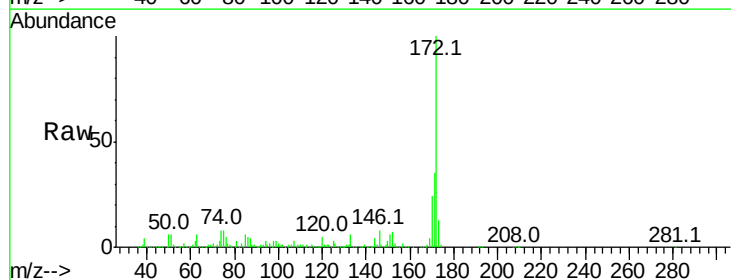


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

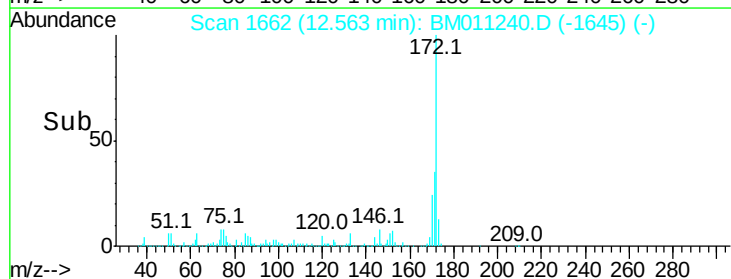
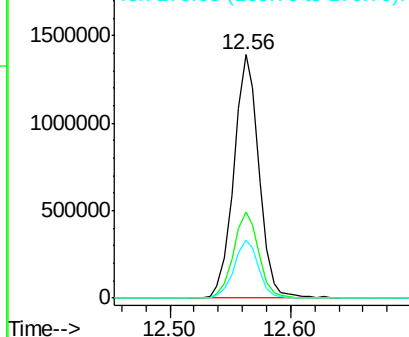


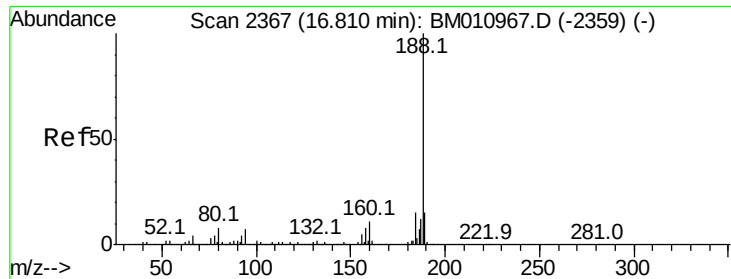
#44
 2-Fluorobiphenyl
 Concen: 119.933 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM011240.D
 Acq: 15 Aug 2017 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.7	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

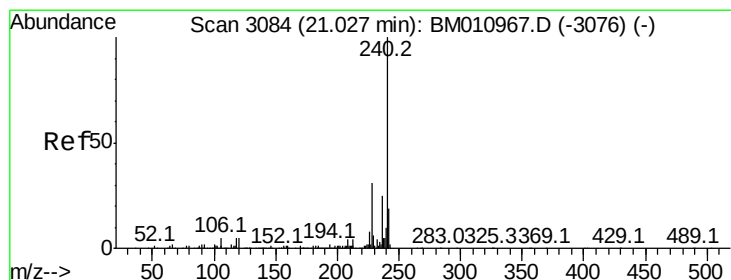
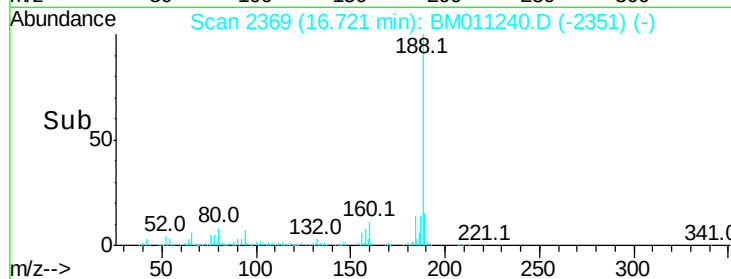
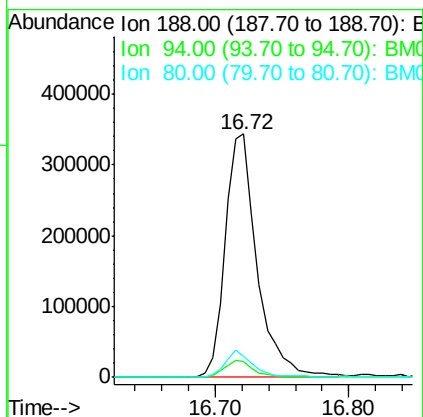
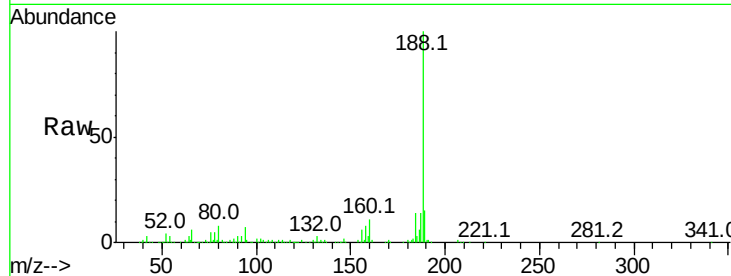




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. 0.01 min
Lab File: BM011240.D
Acq: 15 Aug 2017 19:25

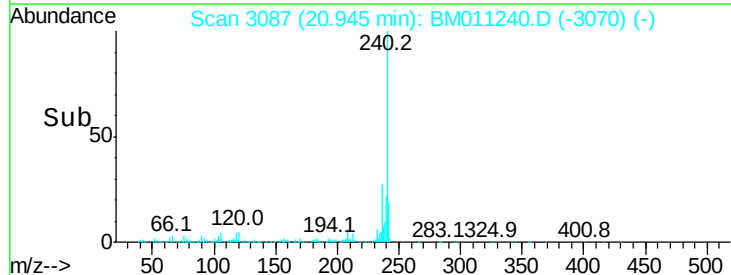
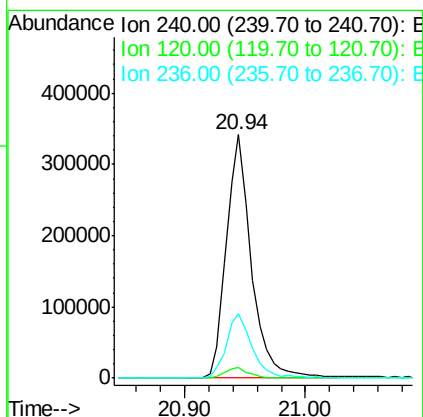
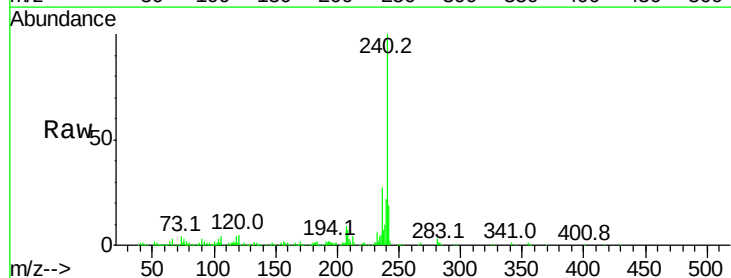
Instrument :
BNA_M
ClientSampleId :
SA-06-081117-B

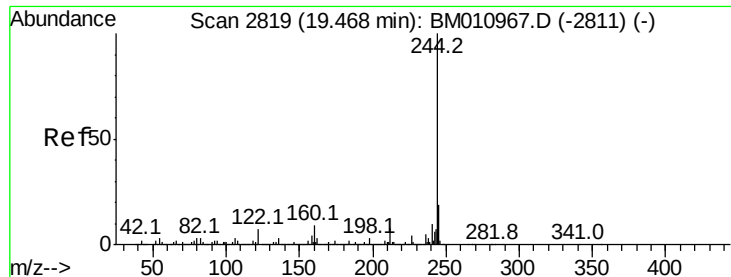
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.4	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM011240.D
Acq: 15 Aug 2017 19:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	8.2	12.2#
236	26.6	20.0	30.0





#78

Terphenyl-d14

Concen: 114.725 ng

RT: 19.39 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM011240.D

Acq: 15 Aug 2017 19:25

Instrument :

BNA_M

ClientSampleId :

SA-06-081117-B

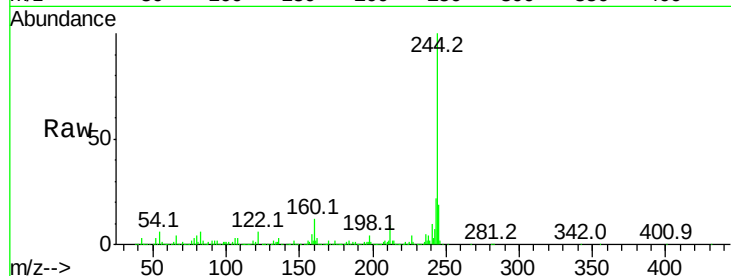
Tot Ion:244 Resp: 2856371

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

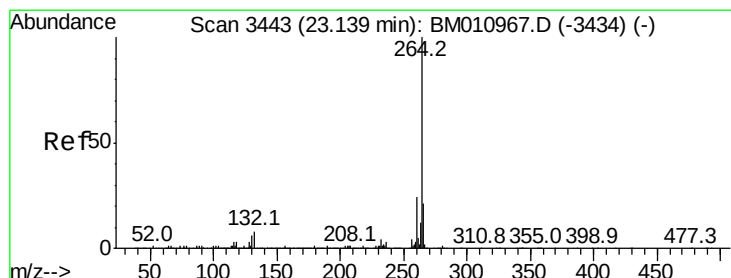
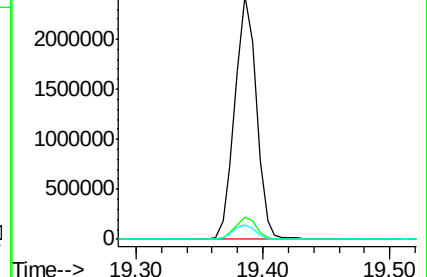
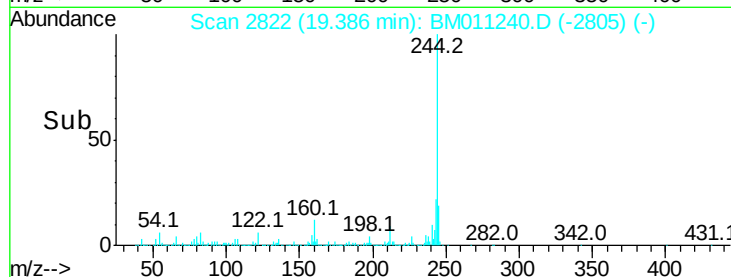
122 6.2 6.2 9.4#



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: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011240.D

Acq: 15 Aug 2017 19:25

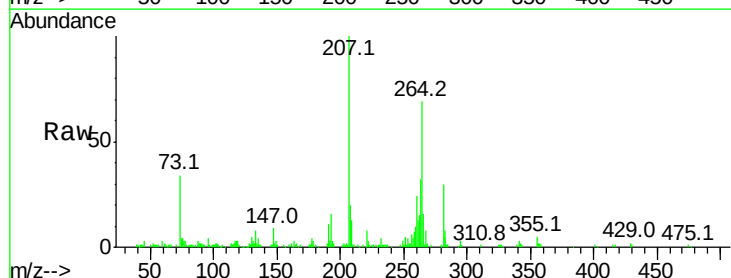
Tgt Ion:264 Resp: 118988

Ion Ratio Lower Upper

264 100

260 34.4 18.6 27.8#

265 23.5 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

