

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011277.D
 Acq On : 17 Aug 2017 21:31
 Operator : SJ/JU
 Sample : I4817-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Quant Time: Aug 18 05:24:45 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

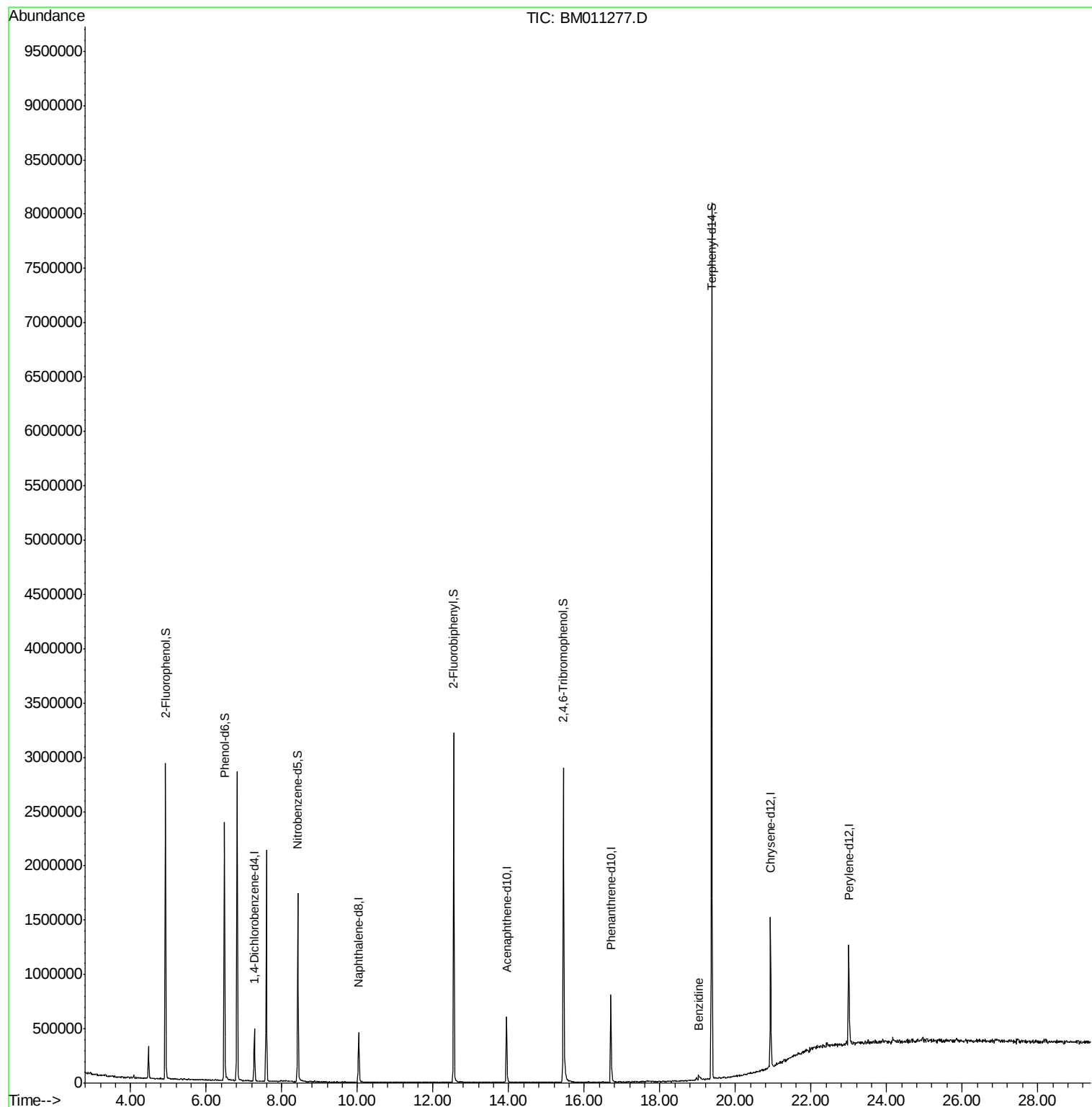
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	82328	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	265682	20.00	ng	-0.01
38) Acenaphthene-d10	13.94	164	171115	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	465005	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	667808	20.00	ng	-0.02
86) Perylene-d12	23.00	264	650678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	689067	141.49	ng	-0.01
7) Phenol-d6	6.48	99	858786	124.11	ng	-0.01
23) Nitrobenzene-d5	8.42	82	937679	132.46	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	390744	142.47	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	1388040	101.73	ng	-0.01
78) Terphenyl-d14	19.37	244	2721366	80.72	ng	-0.01
Target Compounds						
76) Benzidine	19.03	184	38180	2.390	ng	Qvalue 96

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

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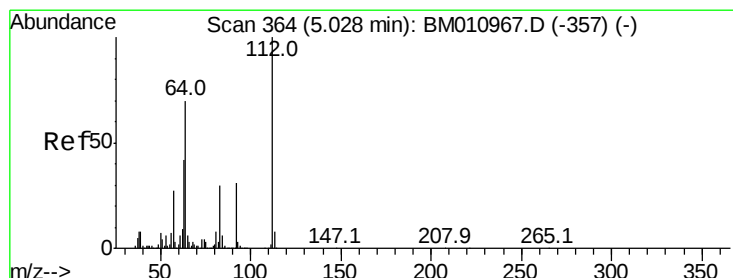
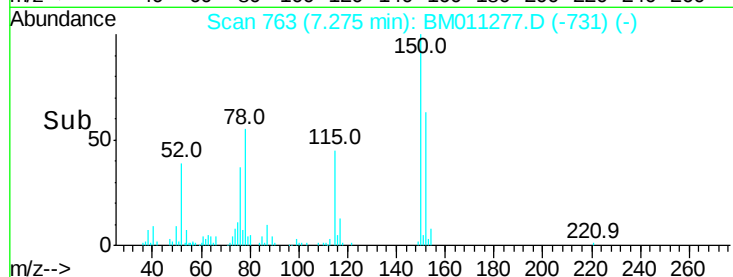
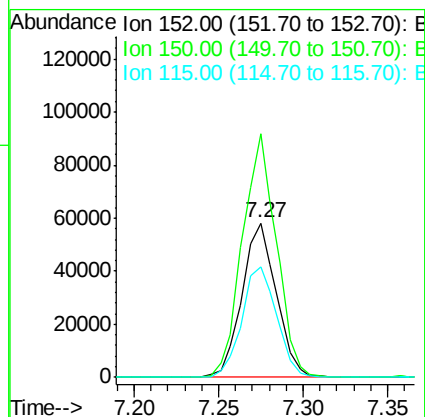
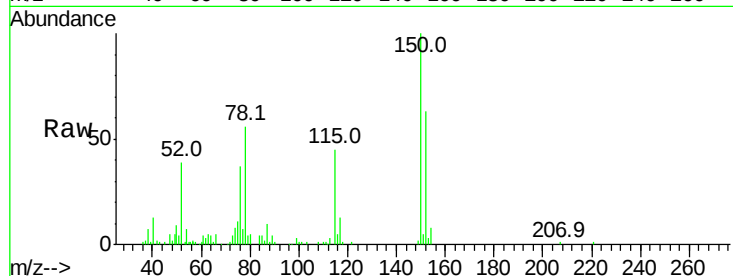


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

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ClientSampleId :
SU-03-081517

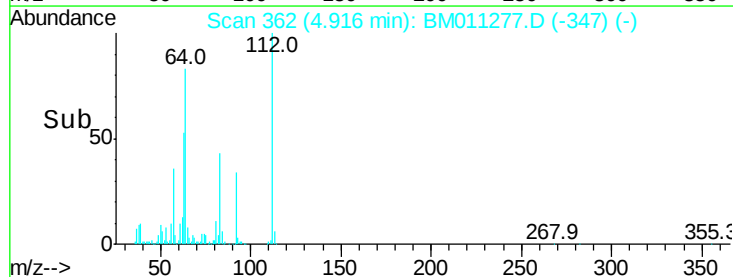
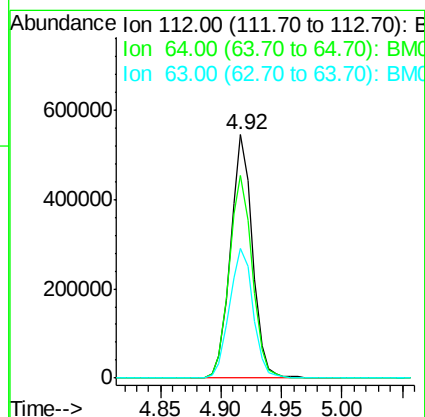
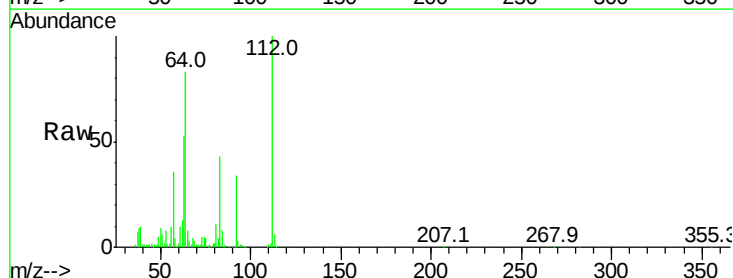
Tot Ion:152 Resp: 82328
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 71.8 43.0 64.4#

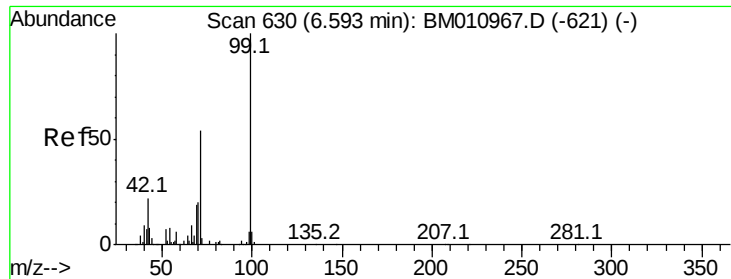


#5

2-Fluorophenol
Concen: 141.486 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Tgt Ion:112 Resp: 689067
Ion Ratio Lower Upper
112 100
64 83.0 38.6 57.8#
63 53.4 19.3 28.9#





#7

Phenol-d6

Concen: 124.108 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

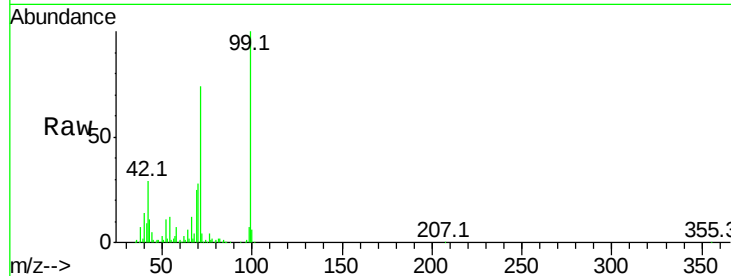
Tot Ion: 99 Resp: 858786

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

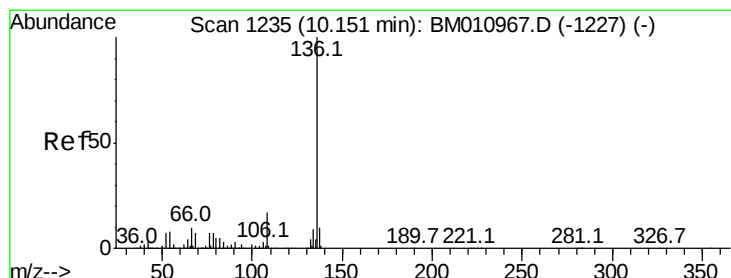
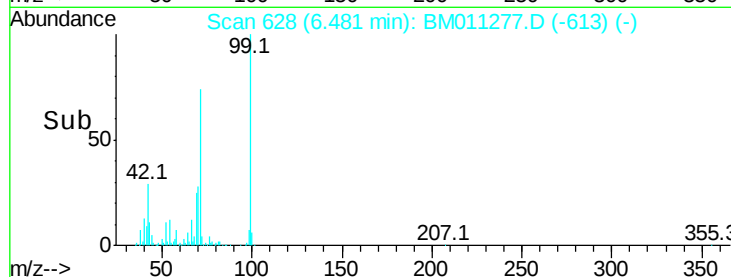
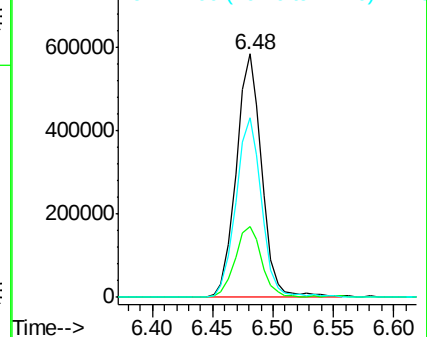
71 73.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011277.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011277.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011277.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Tgt Ion: 136 Resp: 265682

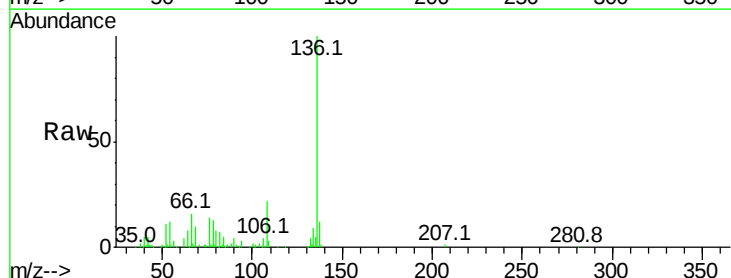
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 11.9 4.6 6.8#

68 10.3 3.7 5.5#

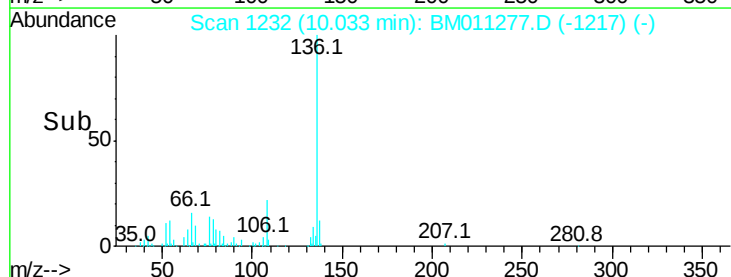
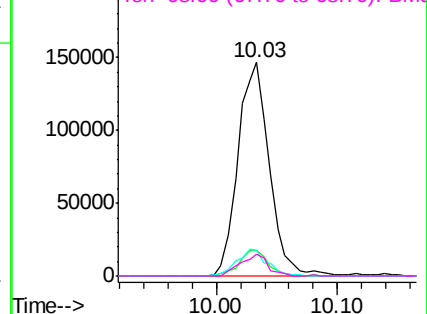


Abundance Ion 136.00 (135.70 to 136.70): BM011277.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011277.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011277.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011277.D (-1217) (-)

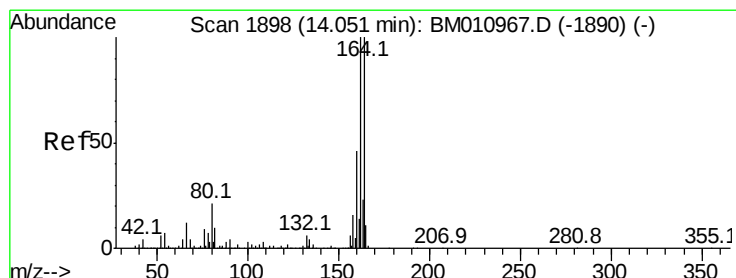
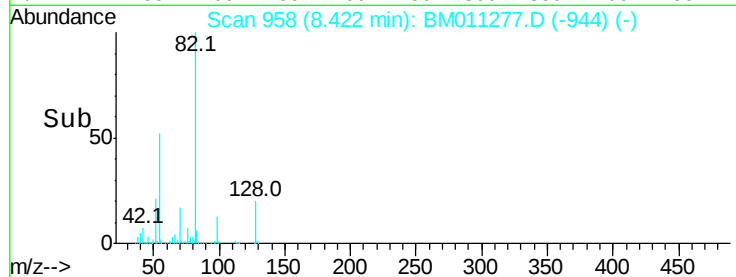
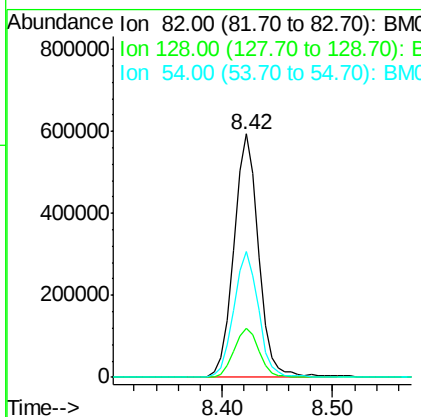
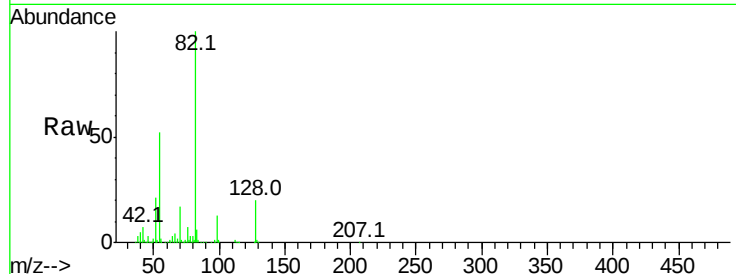




#23
 Nitrobenzene-d5
 Concen: 132.461 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

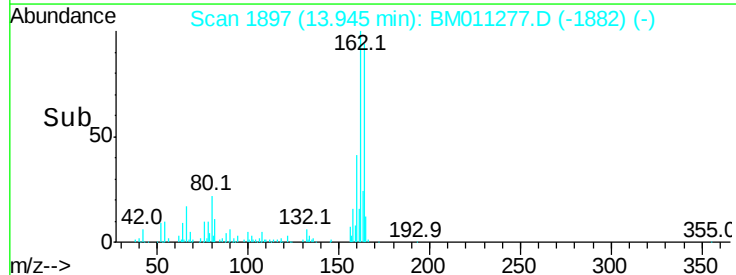
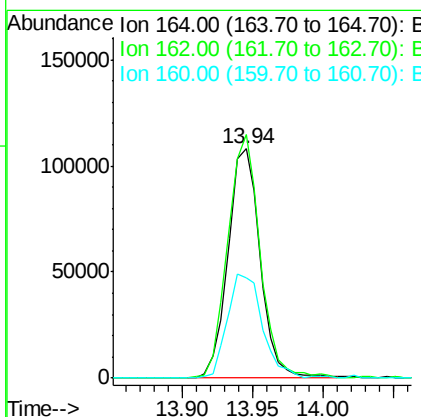
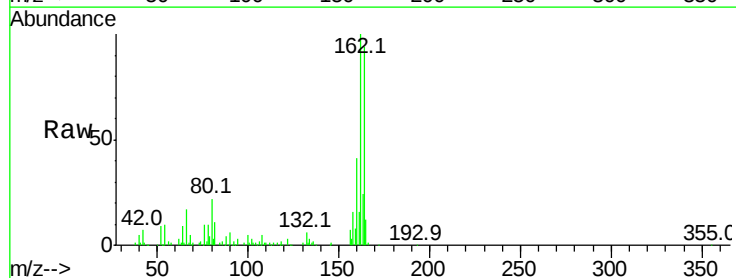
Instrument :
 BNA_M
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 SU-03-081517

Tot Ion	82	Resp	937679
Ion Ratio	Lower	Upper	
82	100		
128	20.0	32.8	49.2#
54	51.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

Tgt Ion	164	Resp	171115
Ion Ratio	Lower	Upper	
164	100		
162	106.3	82.4	123.6
160	44.0	35.8	53.6

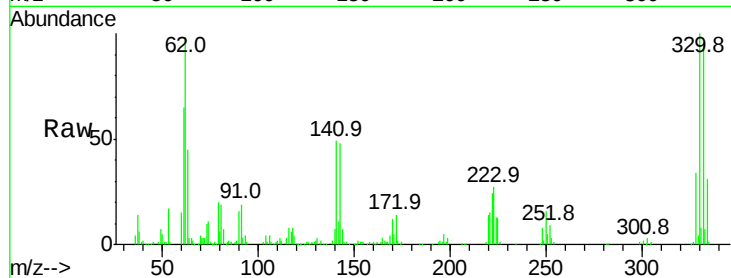




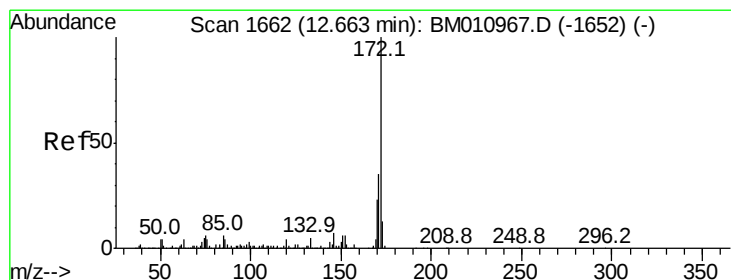
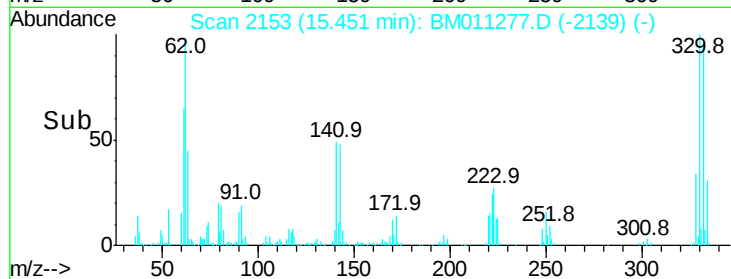
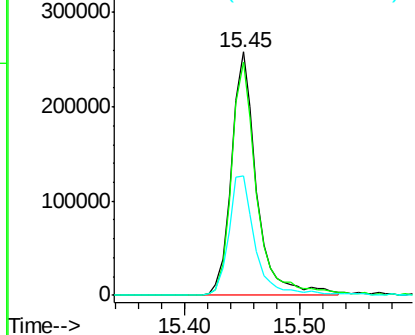
#41
 2,4,6-Tribromophenol
 Concen: 142.471 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081517

Tot Ion:330 Resp: 390744
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 51.2 0.0 0.0#

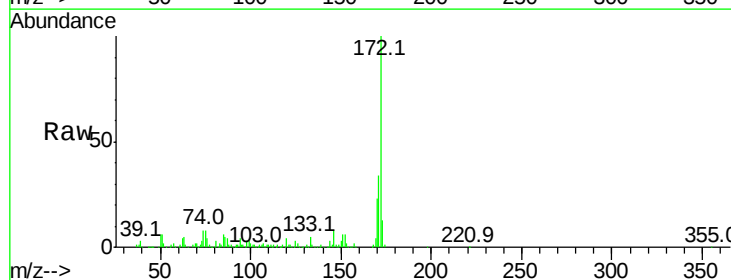


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

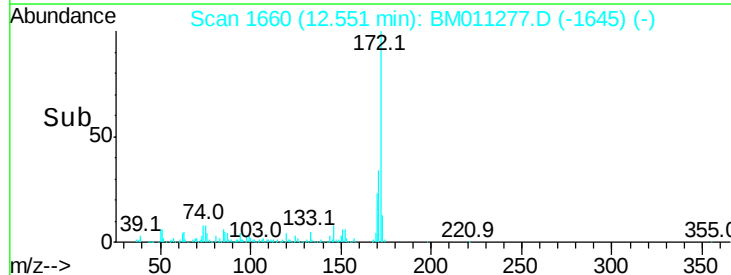
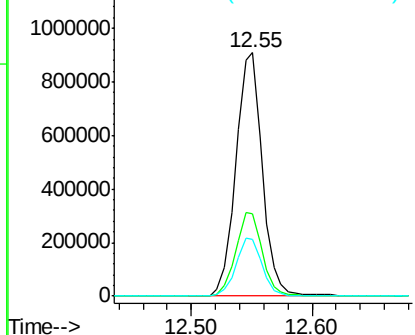


#44
 2-Fluorobiphenyl
 Concen: 101.732 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011277.D
 Acq: 17 Aug 2017 21:31

Tgt Ion:172 Resp: 1388040
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 23.1 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

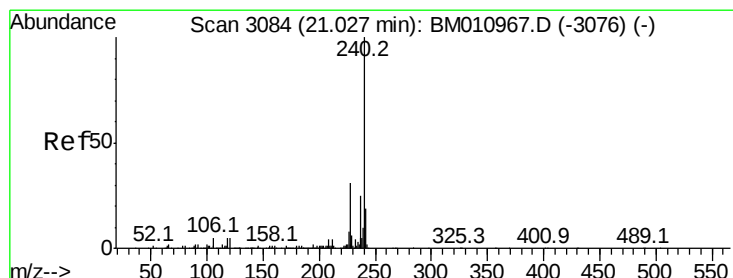
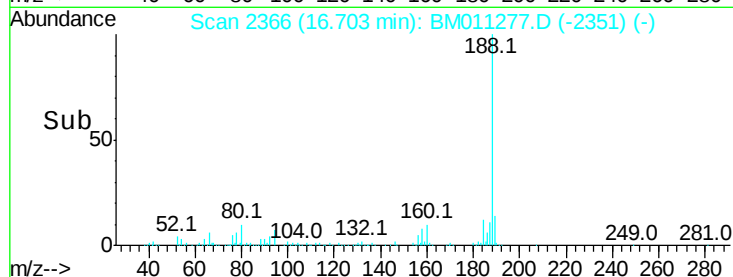
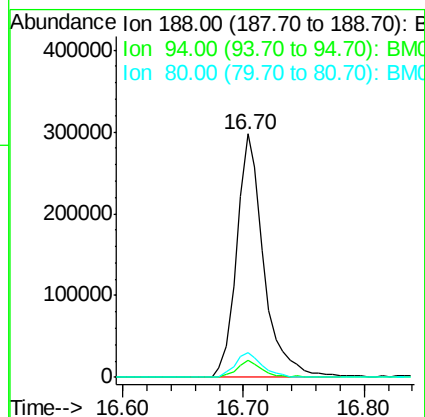
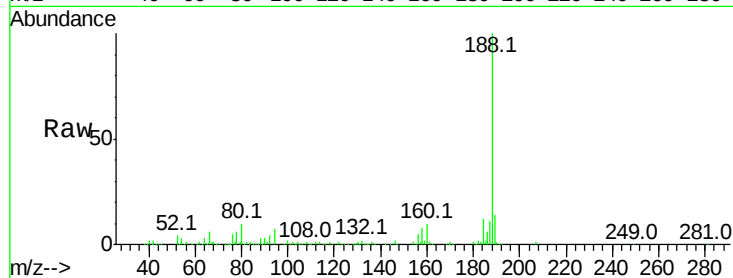




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

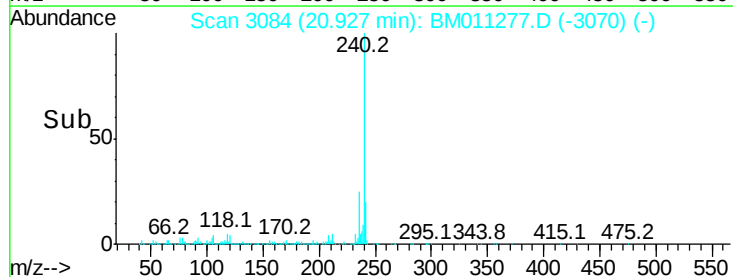
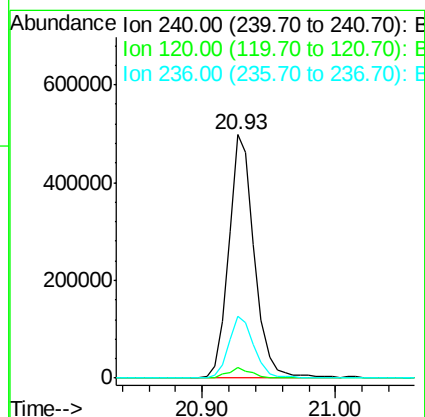
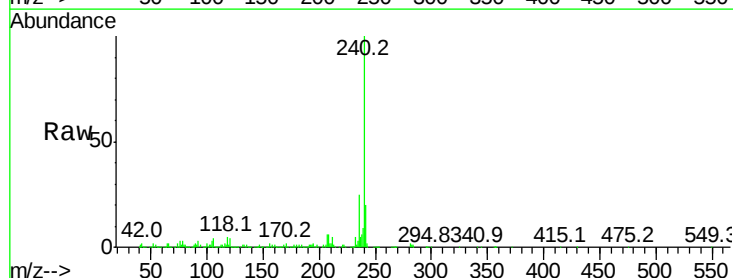
Instrument :
BNA_M
ClientSampleId :
SU-03-081517

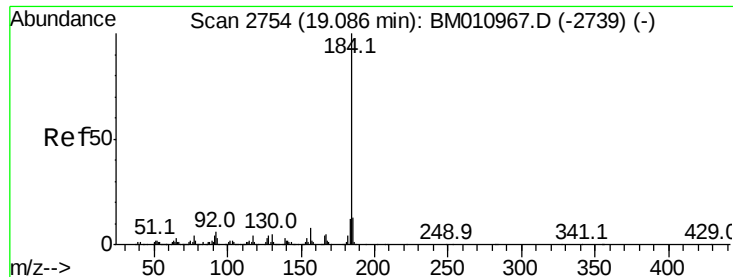
Tot Ion:188 Resp: 465005
Ion Ratio Lower Upper
188 100
94 6.8 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Tgt Ion:240 Resp: 667808
Ion Ratio Lower Upper
240 100
120 4.3 8.2 12.2#
236 25.3 20.0 30.0





#76

Benzidine

Concen: 2.390 ng

RT: 19.03 min Scan# 2761

Delta R.T. 0.02 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

Instrument :

BNA_M

ClientSampleId :

SU-03-081517

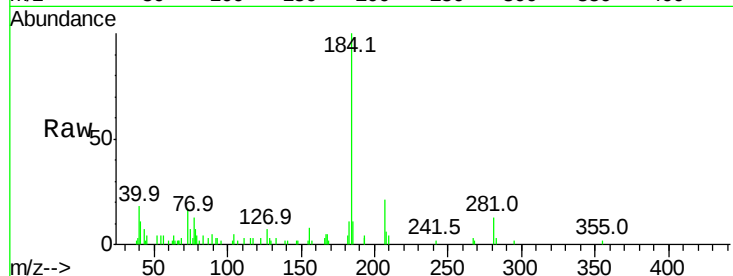
Tot Ion:184 Resp: 38180

Ion Ratio Lower Upper

184 100

185 11.4 11.3 16.9

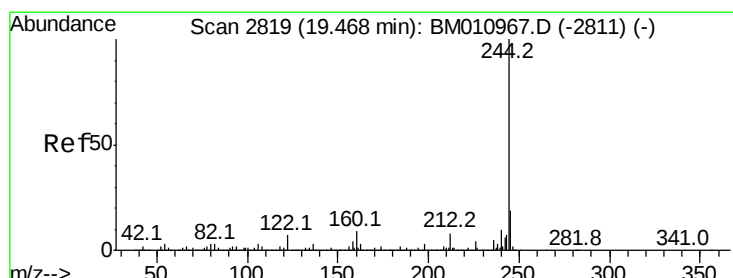
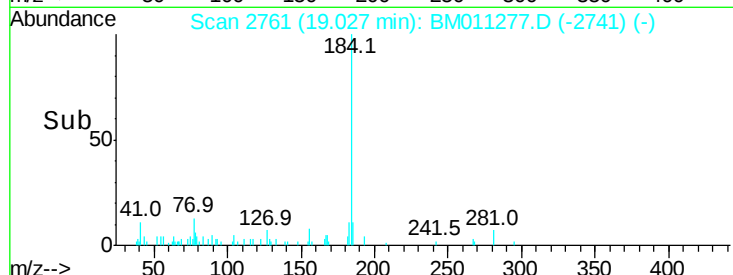
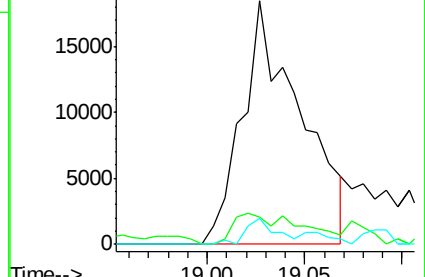
183 10.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 80.722 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011277.D

Acq: 17 Aug 2017 21:31

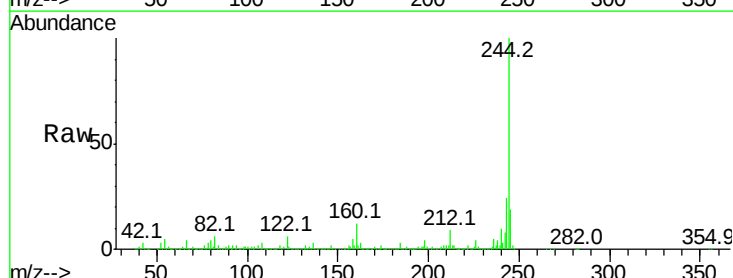
Tgt Ion:244 Resp: 2721366

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

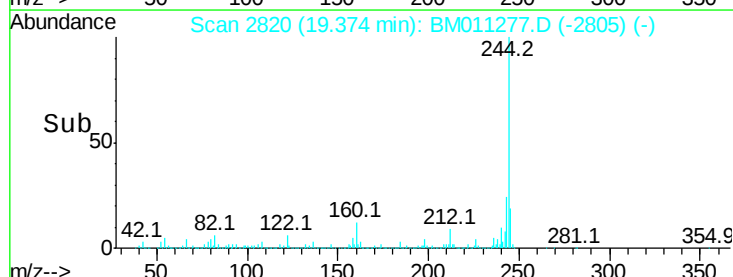
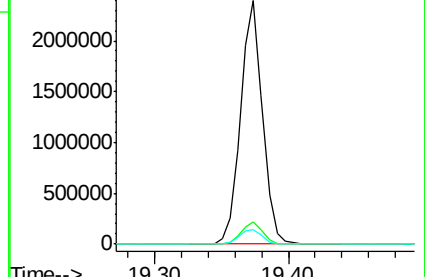
122 6.0 6.2 9.4#

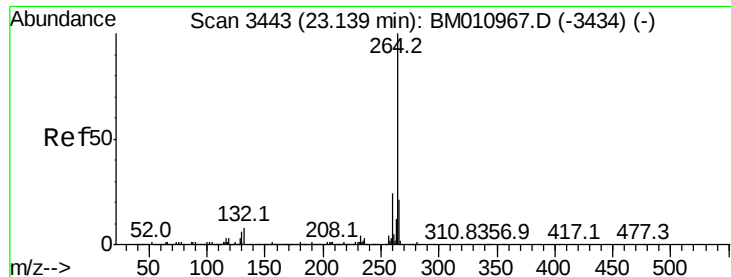


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

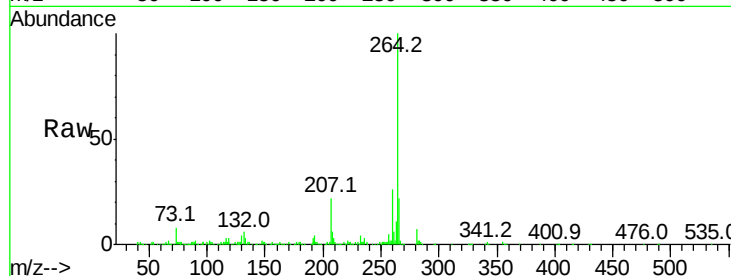




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BM011277.D
Acq: 17 Aug 2017 21:31

Instrument :
BNA_M
ClientSampleId :
SU-03-081517

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	27.8
265	21.6	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

