

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011280.D
 Acq On : 17 Aug 2017 23:20
 Operator : SJ/JU
 Sample : I4844-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081617

Quant Time: Aug 18 05:29:10 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

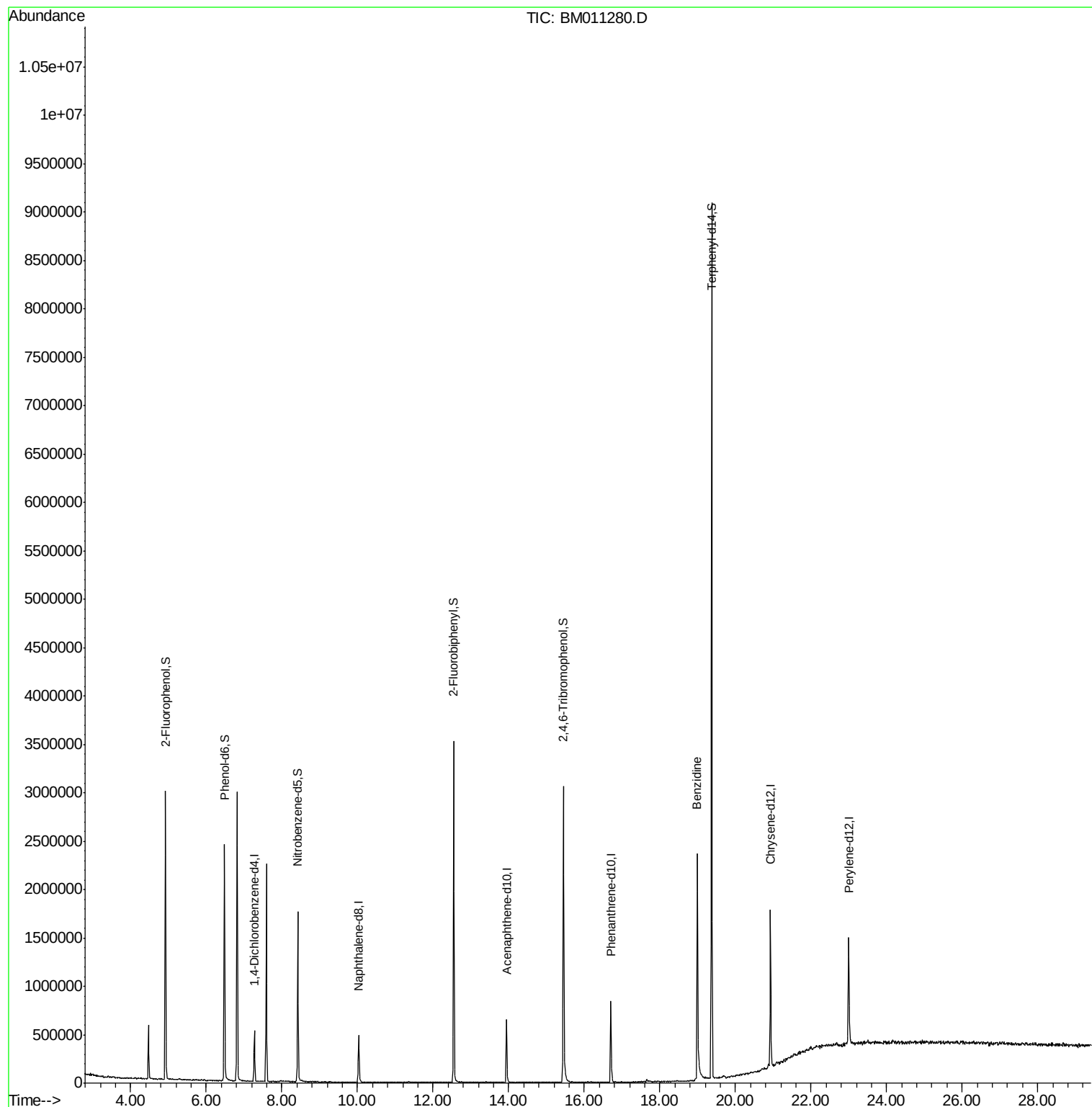
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	86485	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	274981	20.00	ng	-0.01
38) Acenaphthene-d10	13.94	164	178456	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	468865	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	779952	20.00	ng	-0.02
86) Perylene-d12	23.00	264	775086	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	698119	136.45	ng	-0.01
7) Phenol-d6	6.48	99	884885	121.73	ng	-0.01
23) Nitrobenzene-d5	8.42	82	946871	129.24	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	409331	143.11	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1431225	100.58	ng	-0.02
78) Terphenyl-d14	19.37	244	3134988	79.62	ng	-0.01
Target Compounds						
76) Benzidine	18.99	184	1404642	75.281	ng	Qvalue 99

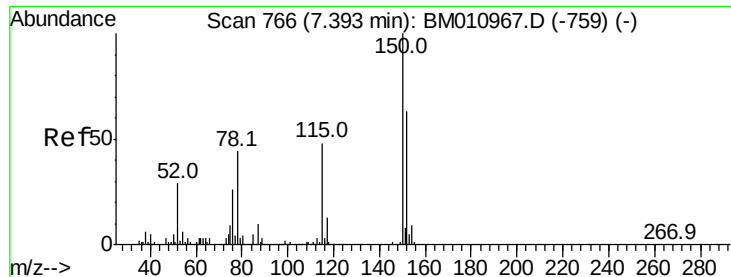
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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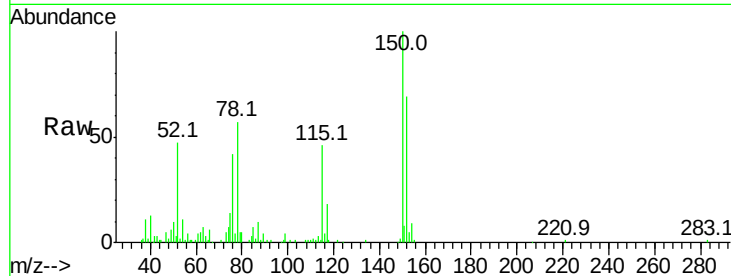


#1

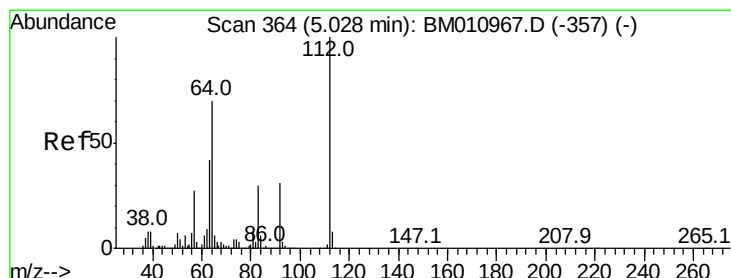
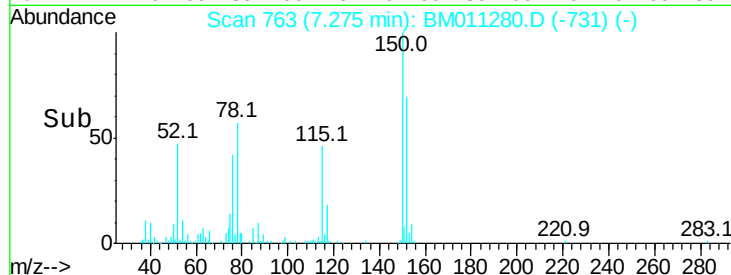
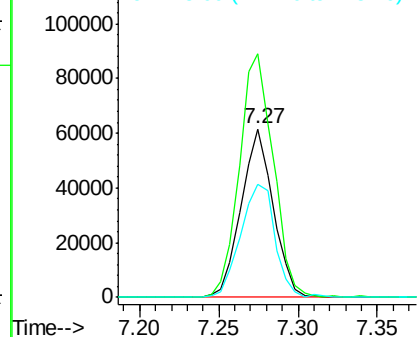
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Instrument :
BNA_M
ClientSampleId :
OR-03-081617

Tot Ion:152 Resp: 86485
Ion Ratio Lower Upper
152 100
150 144.5 119.5 179.3
115 67.1 43.0 64.4#



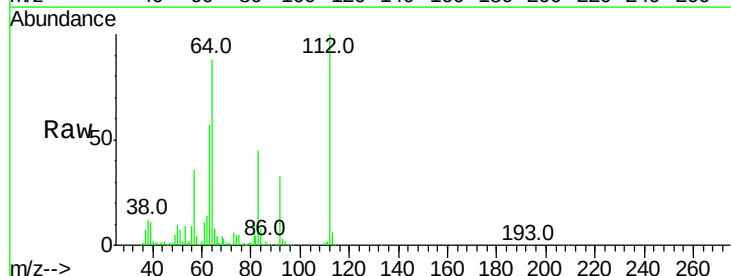
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



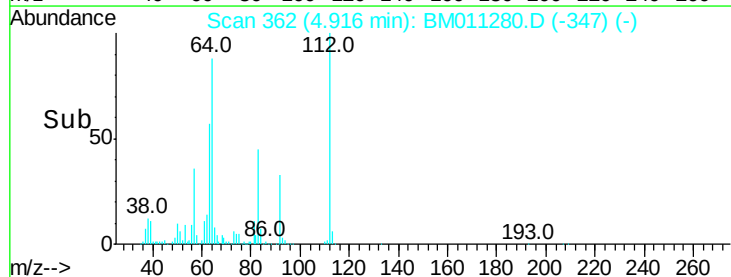
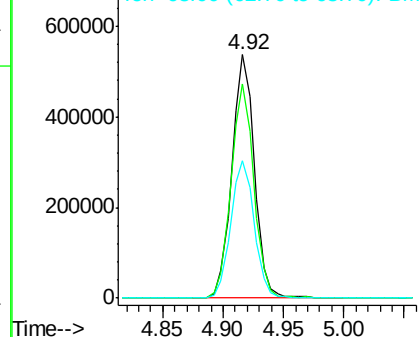
#5

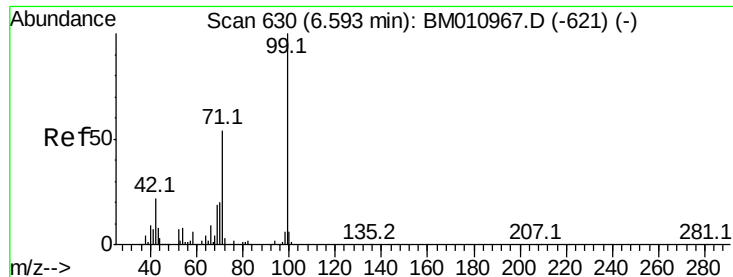
2-Fluorophenol
Concen: 136.455 ng
RT: 4.92 min Scan# 362
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Tgt Ion:112 Resp: 698119
Ion Ratio Lower Upper
112 100
64 88.0 38.6 57.8#
63 56.7 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: 121.733 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Instrument :

BNA_M

ClientSampleId :

OR-03-081617

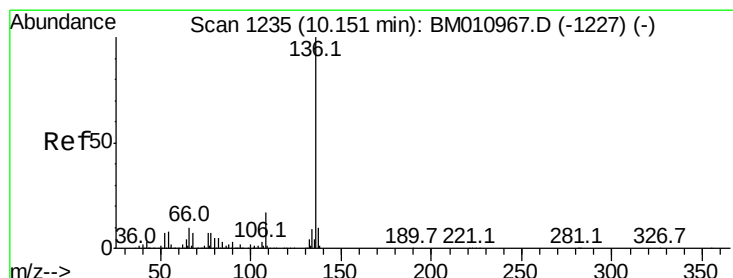
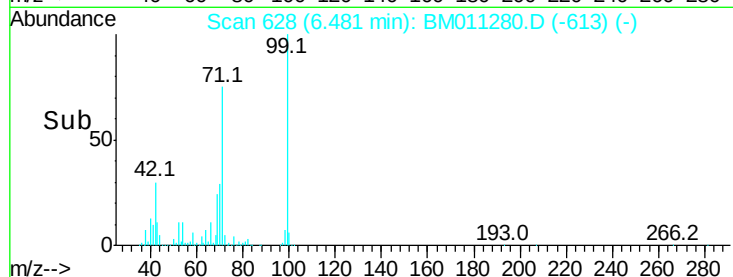
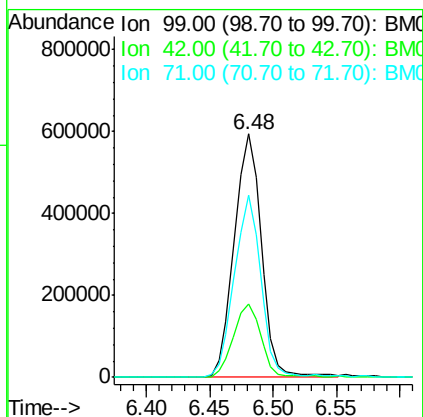
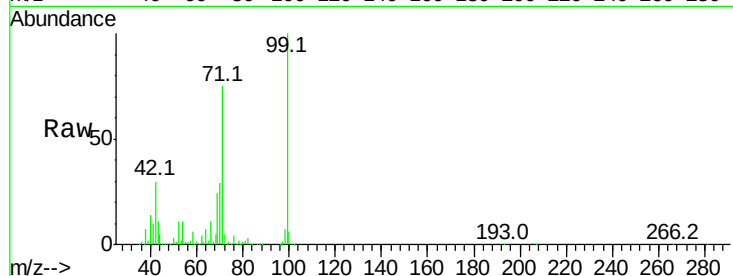
Tot Ion: 99 Resp: 884885

Ion Ratio Lower Upper

99 100

42 30.2 11.0 16.4#

71 74.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Tgt Ion: 136 Resp: 274981

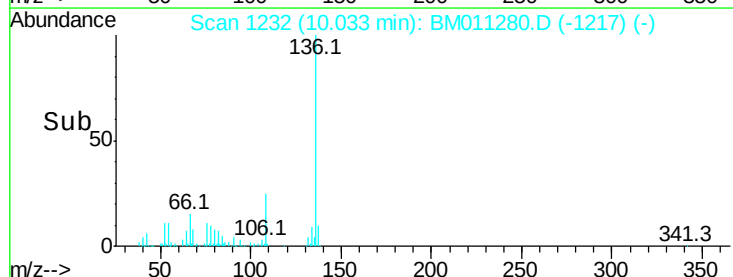
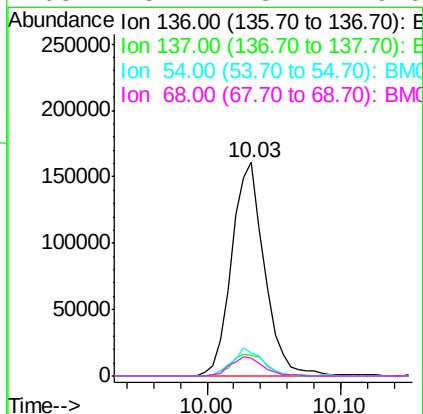
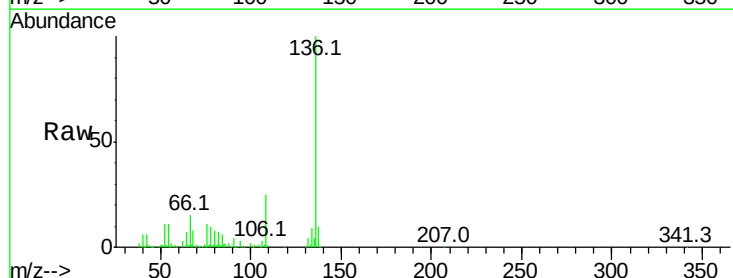
Ion Ratio Lower Upper

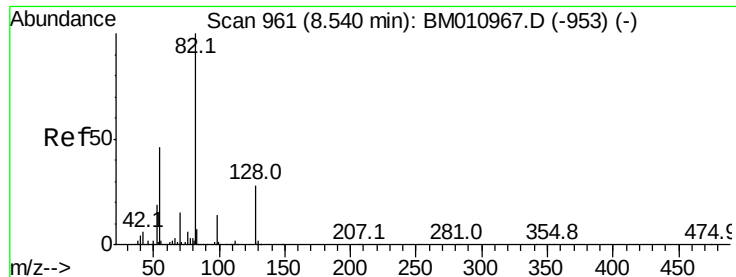
136 100

137 9.9 8.7 13.1

54 10.7 4.6 6.8#

68 8.2 3.7 5.5#

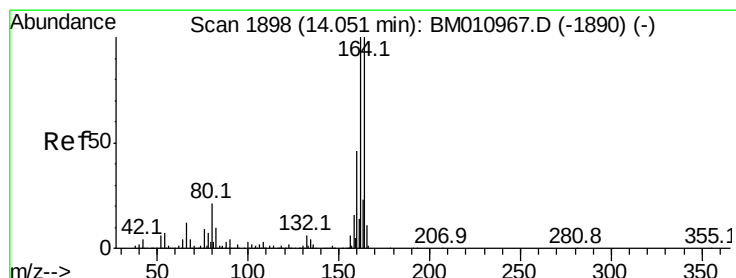
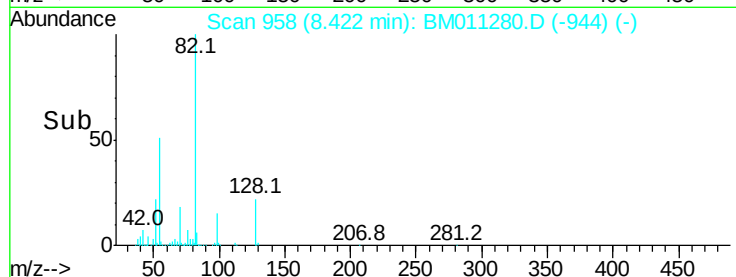
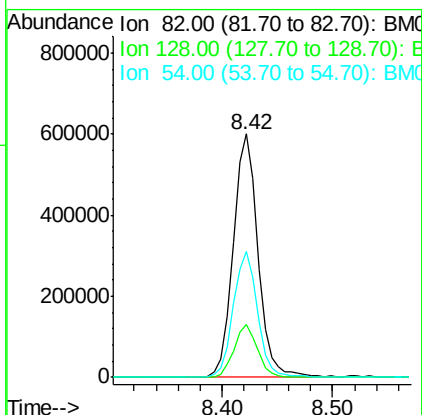
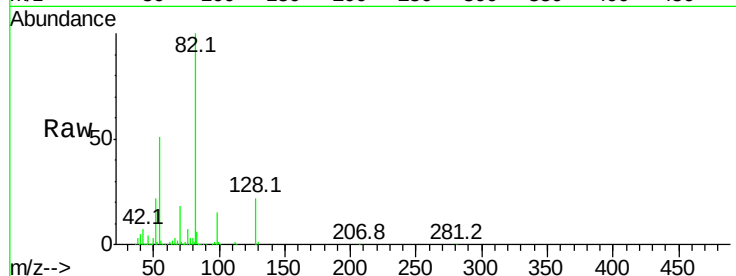




#23
 Nitrobenzene-d5
 Concen: 129.237 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011280.D
 Acq: 17 Aug 2017 23:20

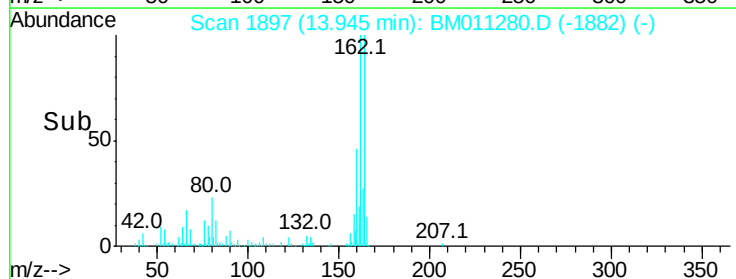
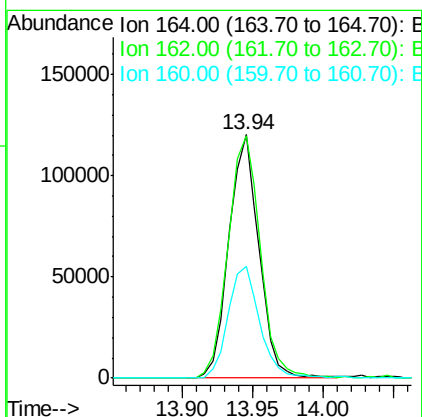
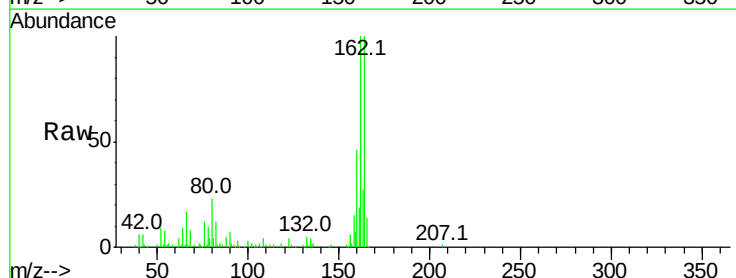
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081617

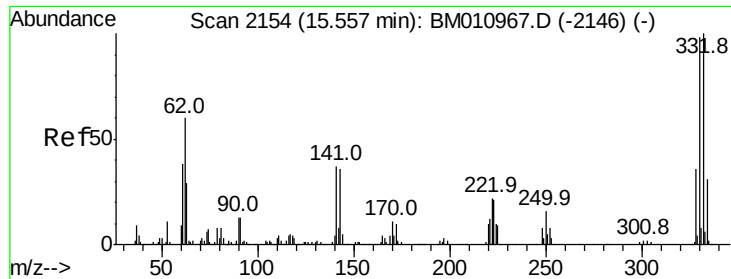
Tot Ion	Ratio	Lower	Upper
82	100		
128	21.9	32.8	49.2#
54	51.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BM011280.D
 Acq: 17 Aug 2017 23:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.4	123.6
160	45.7	35.8	53.6

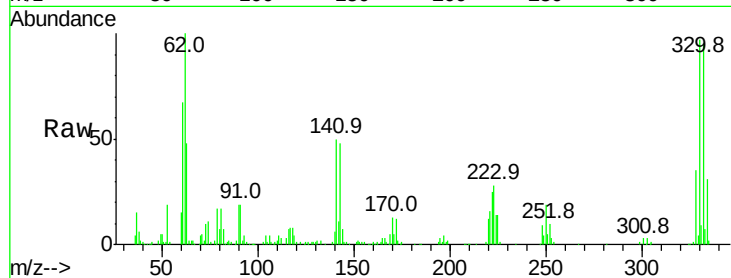




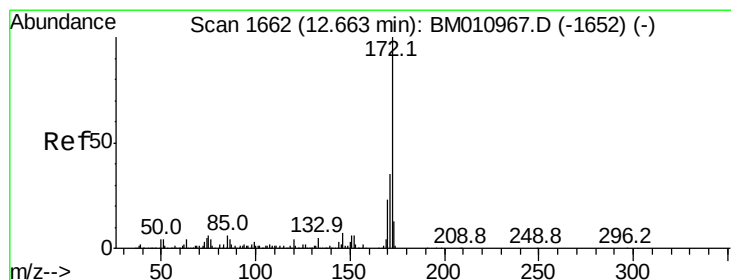
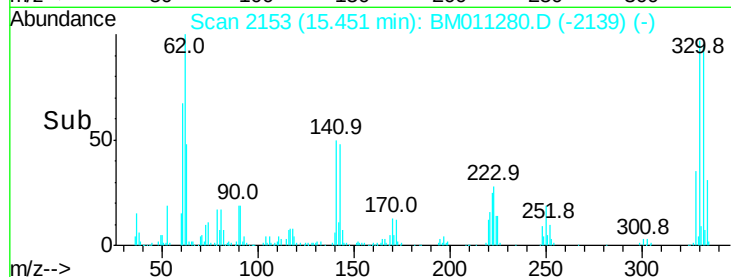
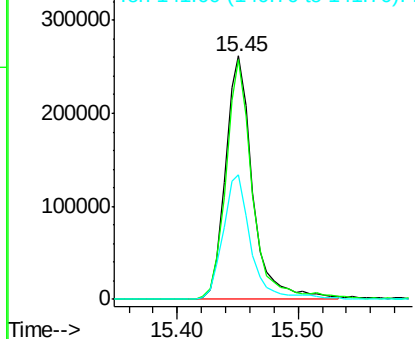
#41
 2,4,6-Tribromophenol
 Concen: 143.109 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011280.D
 Acq: 17 Aug 2017 23:20

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081617

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	50.4	0.0	0.0#

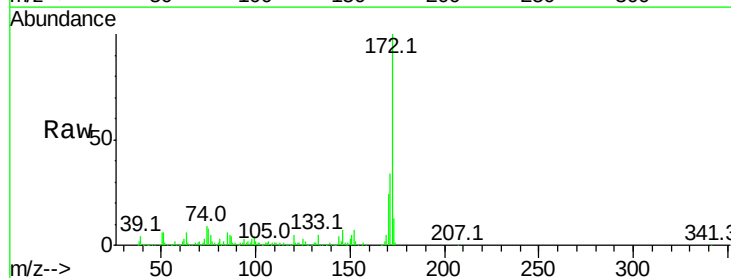


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

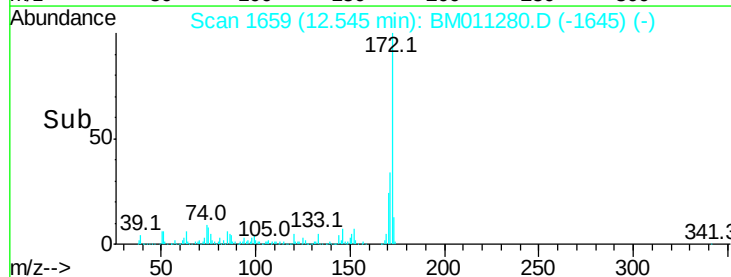
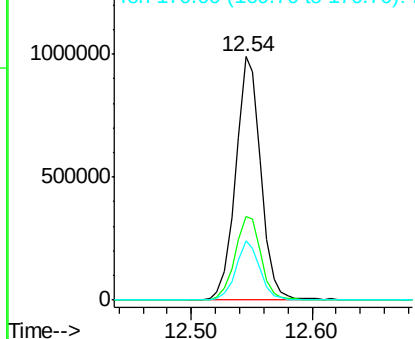


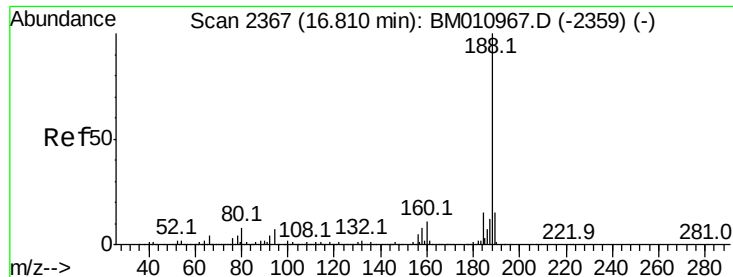
#44
 2-Fluorobiphenyl
 Concen: 100.582 ng
 RT: 12.54 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011280.D
 Acq: 17 Aug 2017 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	24.2	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

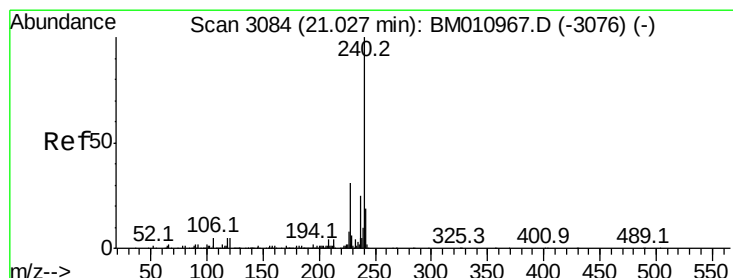
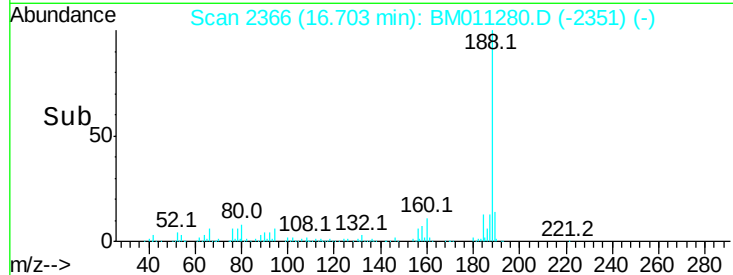
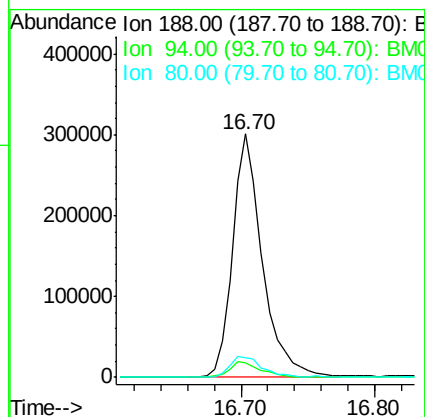
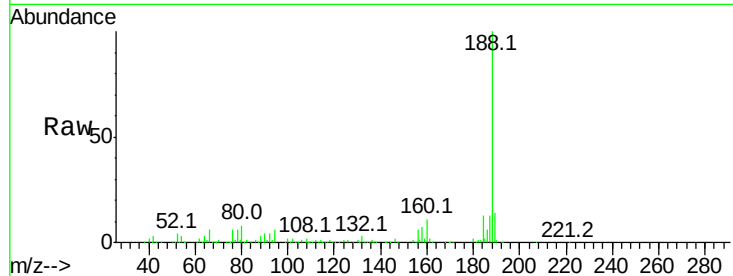




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

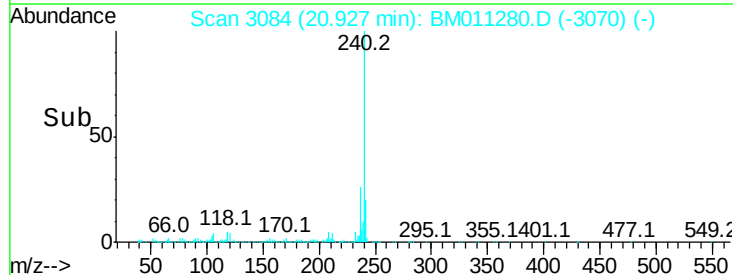
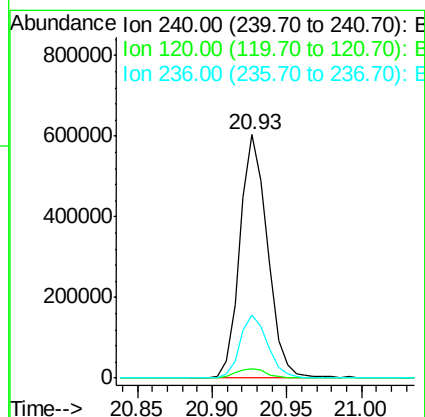
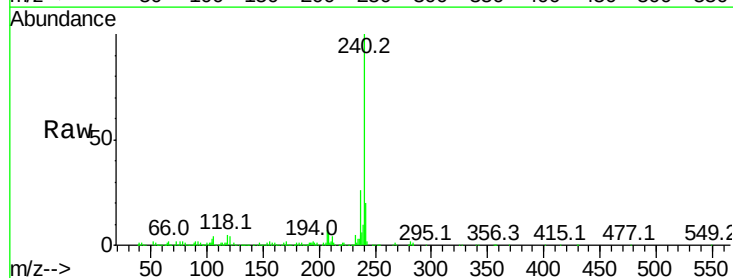
Instrument :
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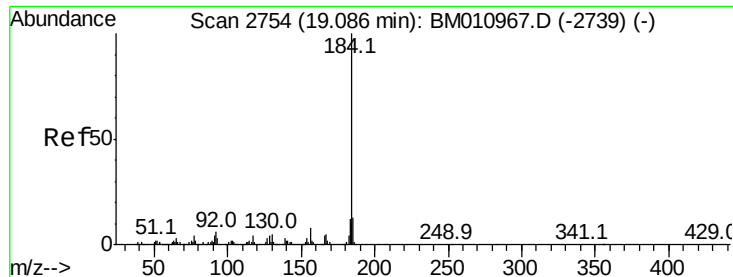
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	8.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011280.D
Acq: 17 Aug 2017 23:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	8.2	12.2#
236	26.1	20.0	30.0





#76

Benzidine

Concen: 75.281 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

Instrument :

BNA_M

ClientSampleId :

OR-03-081617

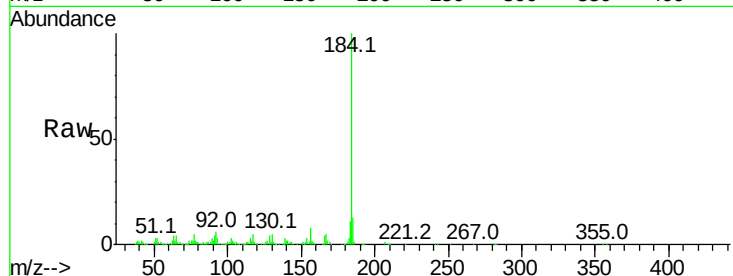
Tot Ion:184 Resp: 1404642

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

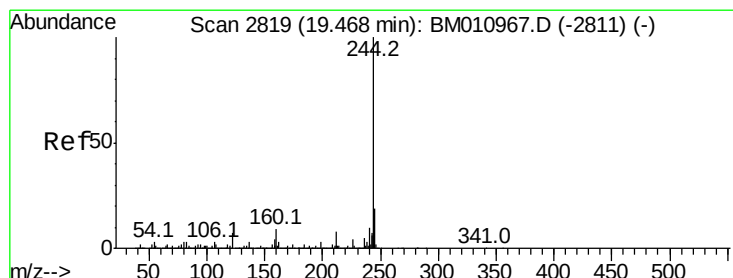
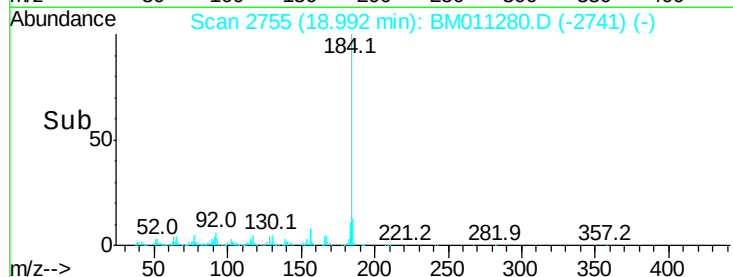
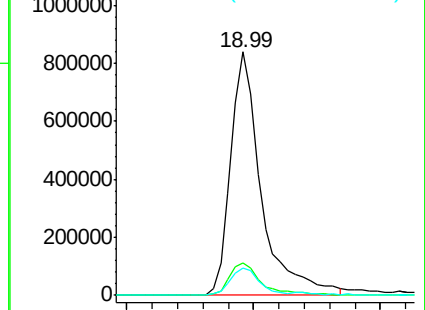
183 11.2 8.9 13.3



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: 79.620 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011280.D

Acq: 17 Aug 2017 23:20

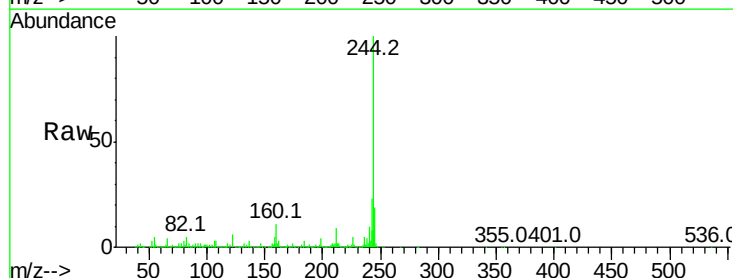
Tgt Ion:244 Resp: 3134988

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

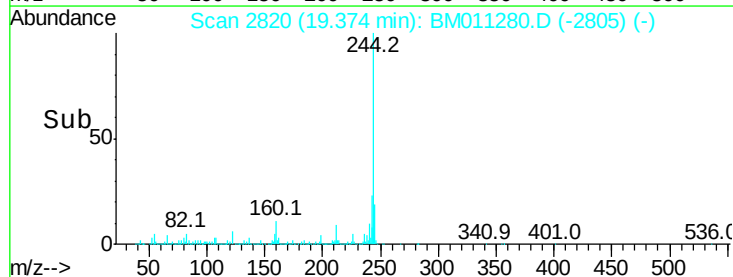
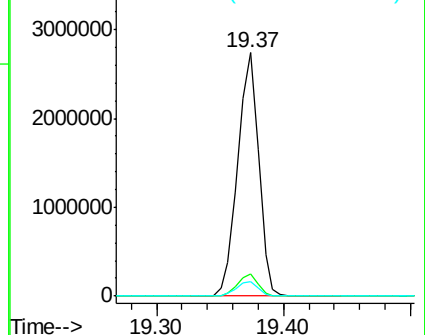
122 6.0 6.2 9.4#

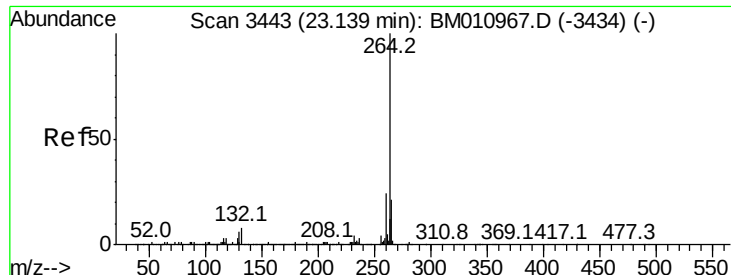


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

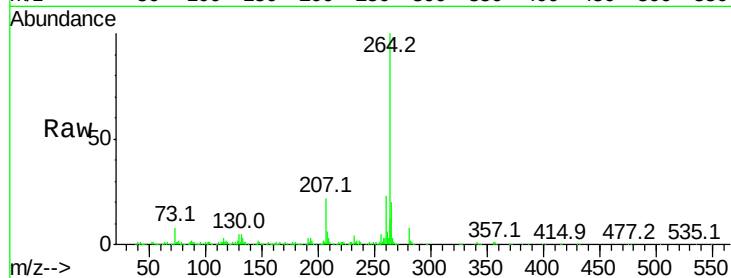




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.00 min Scan# 3436
 Delta R.T. -0.02 min
 Lab File: BM011280.D
 Acq: 17 Aug 2017 23:20

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-081617

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	20.3	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

