

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011234.D
 Acq On : 14 Aug 2017 17:38
 Operator : SJ/JU
 Sample : I4705-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-B-COMP

Quant Time: Aug 15 07:25:00 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	7.29	152	150584	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	507456	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	322459	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	833791	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	878712	20.00	ng	-0.08
86) Perylene-d12	23.03	264	380896	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1198359	134.53	ng	-0.09
7) Phenol-d6	6.50	99	1544691	122.05	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1554036	114.94	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	691061	133.71	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2503158	97.36	ng	-0.10
78) Terphenyl-d14	19.39	244	4097963	92.38	ng	-0.08

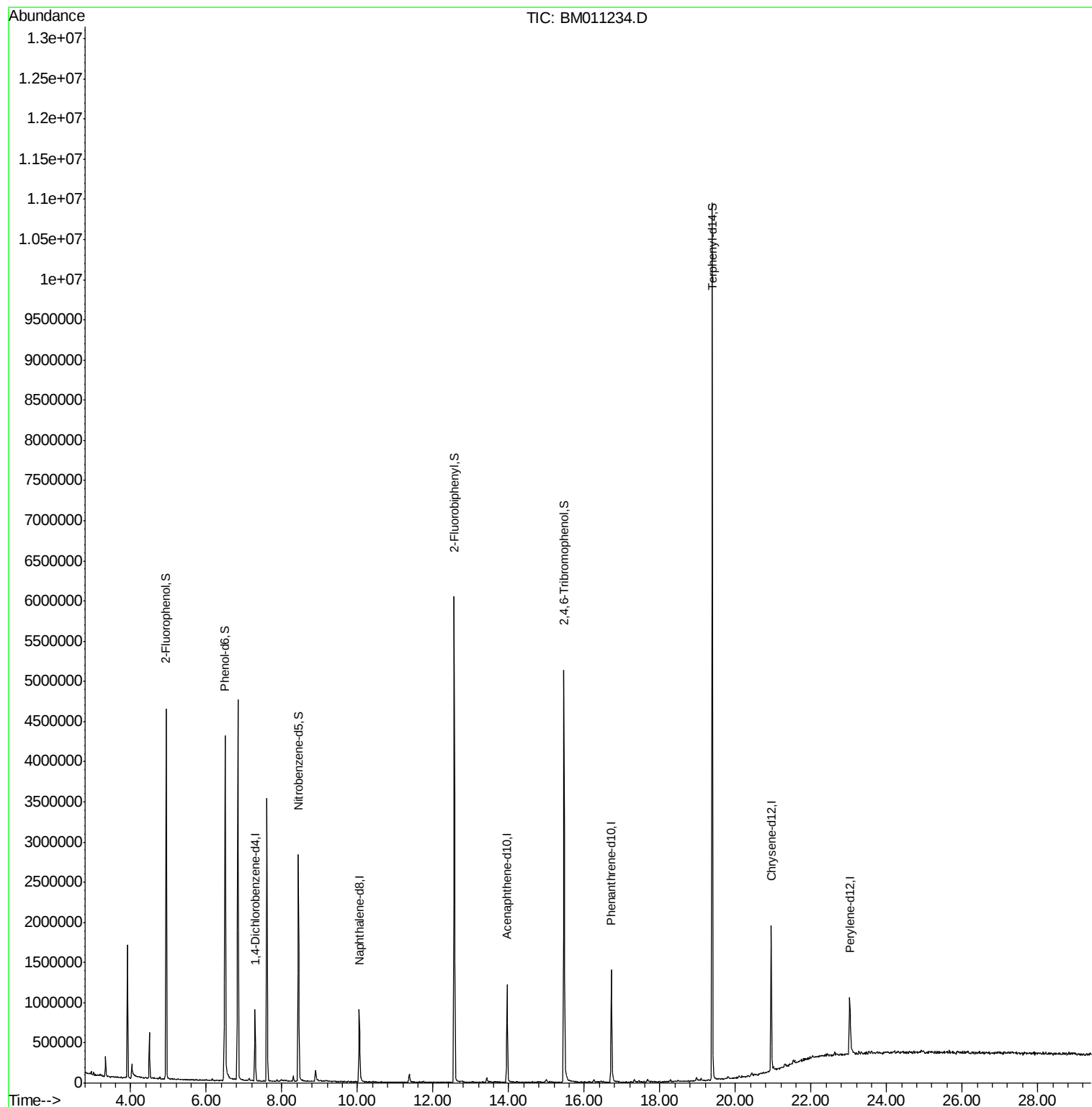
Target Compounds	Qvalue
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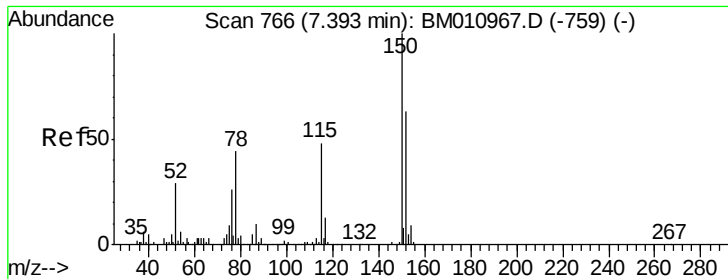
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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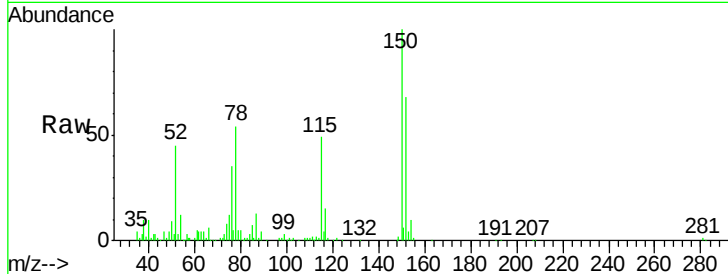


#1

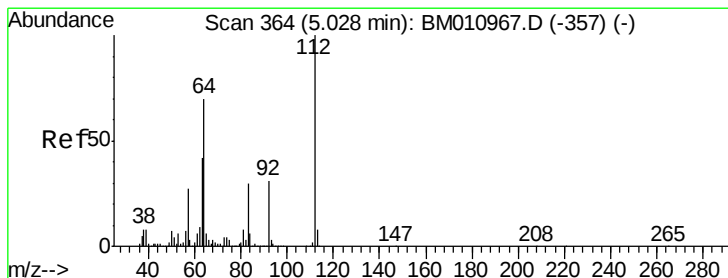
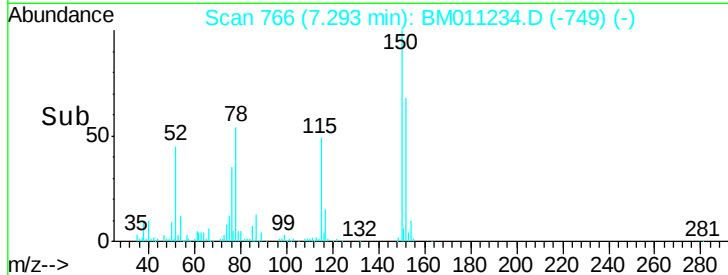
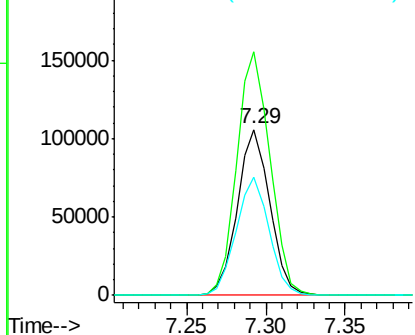
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011234.D
Acq: 14 Aug 2017 17:38

Instrument :
BNA_M
ClientSampleId :
SP-B-COMP

Tgt Ion:152 Resp: 150584
Ion Ratio Lower Upper
152 100
150 146.5 119.5 179.3
115 71.4 43.0 64.4#



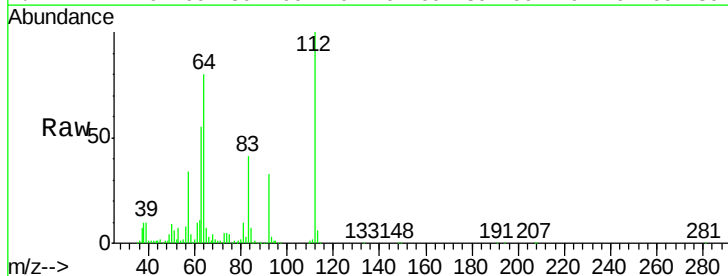
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



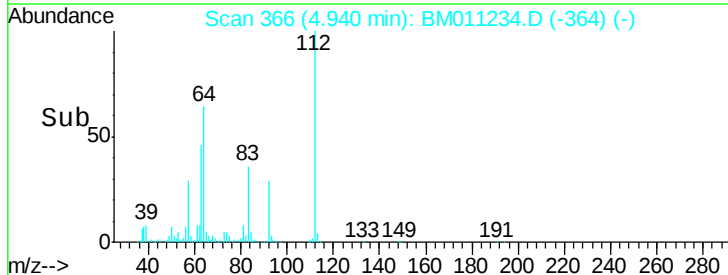
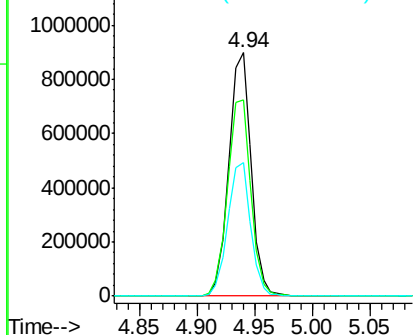
#5

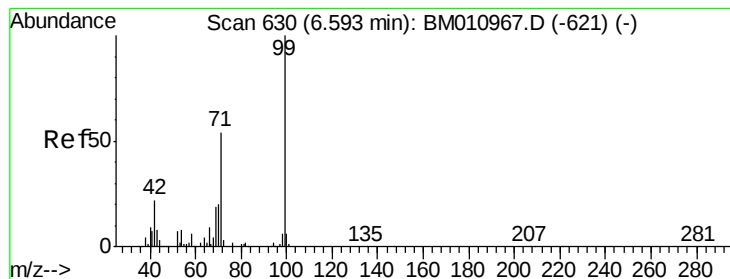
2-Fluorophenol
Concen: 134.526 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011234.D
Acq: 14 Aug 2017 17:38

Tgt Ion:112 Resp: 1198359
Ion Ratio Lower Upper
112 100
64 80.4 38.6 57.8#
63 54.8 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: 122.046 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011234.D

Acq: 14 Aug 2017 17:38

Instrument :

BNA_M

ClientSampleId :

SP-B-COMP

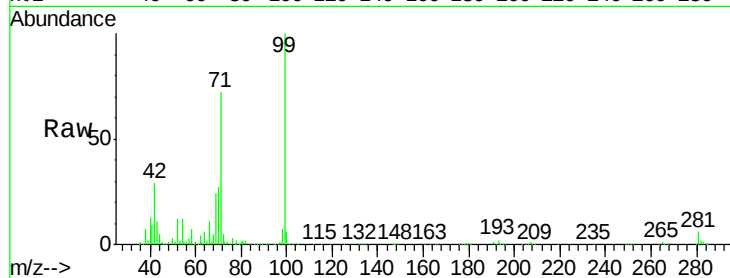
Tgt Ion: 99 Resp: 1544691

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

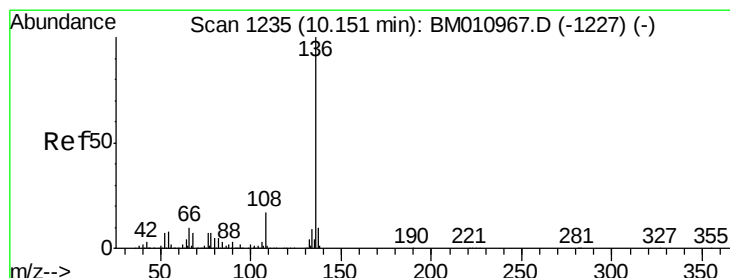
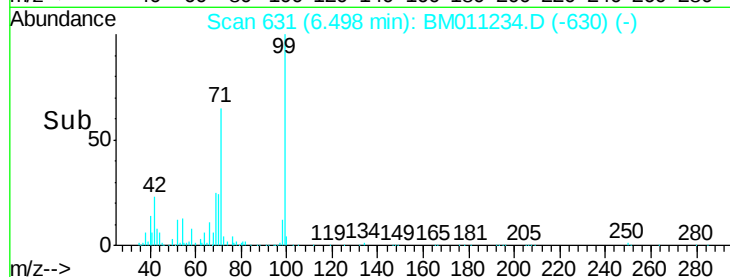
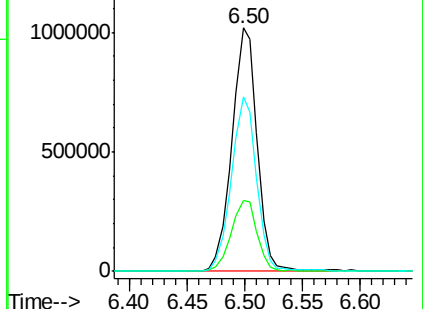
71 71.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011234.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011234.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011234.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.11 min

Lab File: BM011234.D

Acq: 14 Aug 2017 17:38

Tgt Ion: 136 Resp: 507456

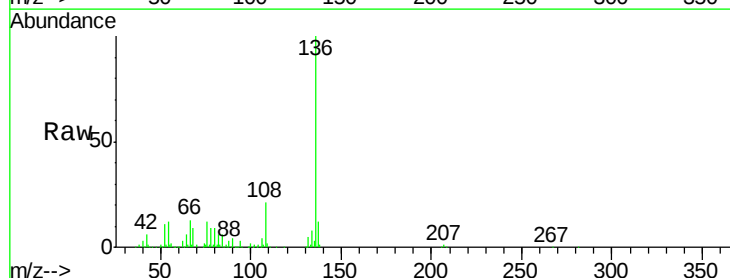
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.6 4.6 6.8#

68 9.1 3.7 5.5#

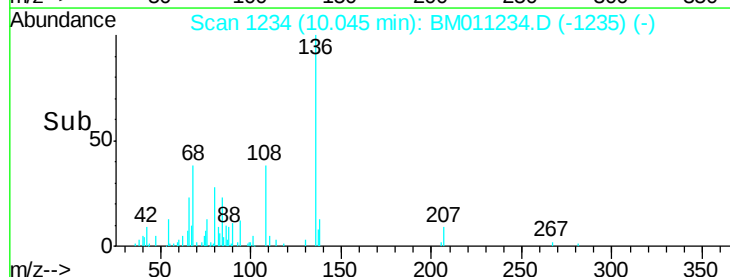
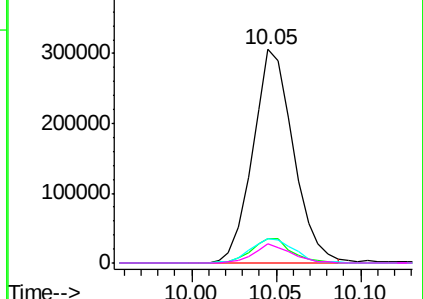


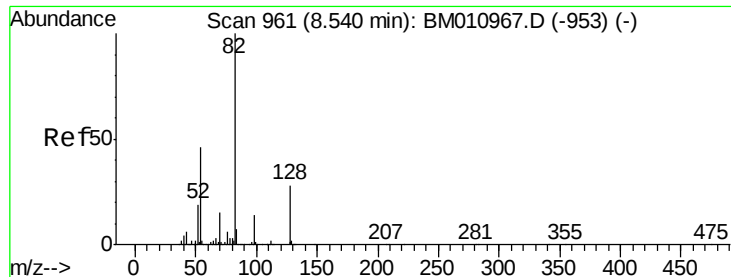
Abundance Ion 136.00 (135.70 to 136.70): BM011234.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM011234.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM011234.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM011234.D (-1235) (-)

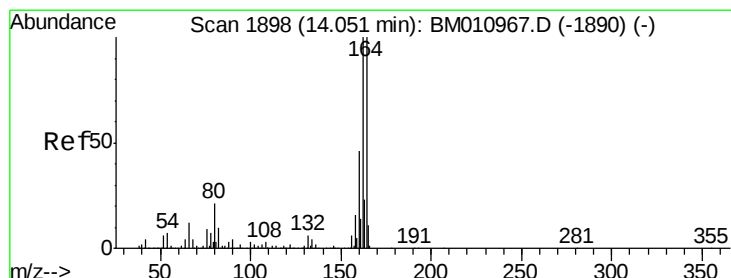
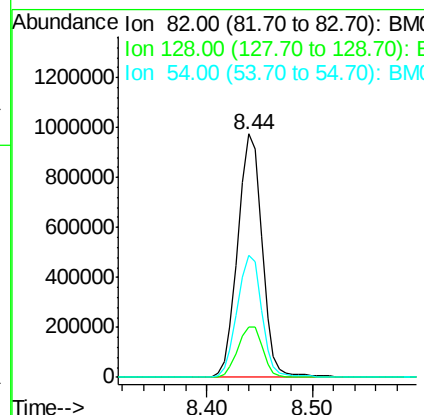
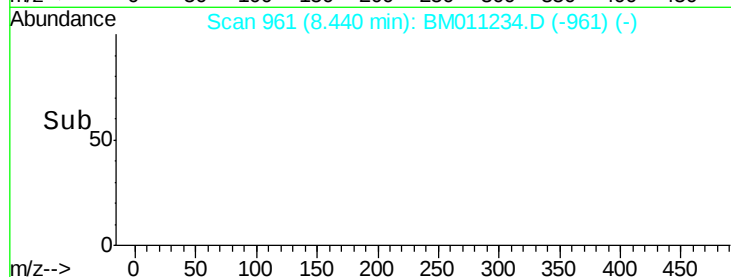
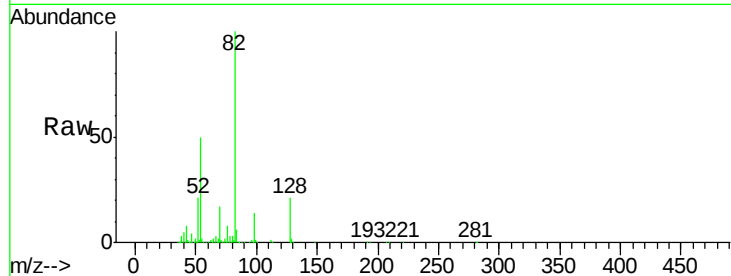




#23
 Nitrobenzene-d5
 Concen: 114.937 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011234.D
 Acq: 14 Aug 2017 17:38

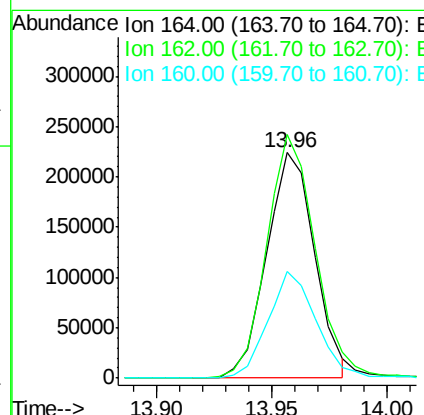
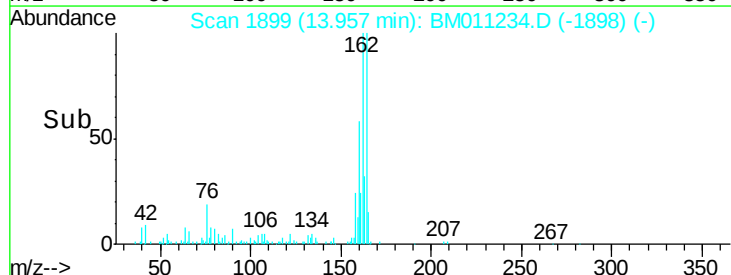
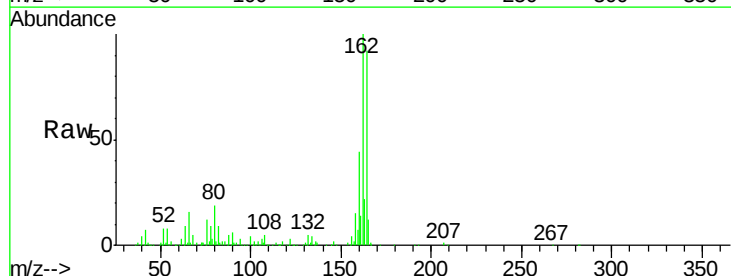
Instrument :
 BNA_M
 ClientSampleId :
 SP-B-COMP

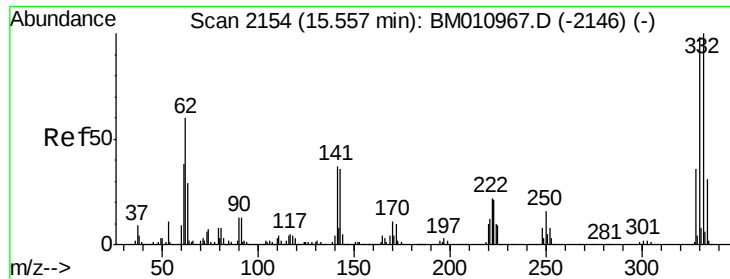
Tgt Ion: 82 Resp: 1554036
 Ion Ratio Lower Upper
 82 100
 128 20.8 32.8 49.2#
 54 50.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.09 min
 Lab File: BM011234.D
 Acq: 14 Aug 2017 17:38

Tgt Ion: 164 Resp: 322459
 Ion Ratio Lower Upper
 164 100
 162 108.2 82.4 123.6
 160 47.3 35.8 53.6

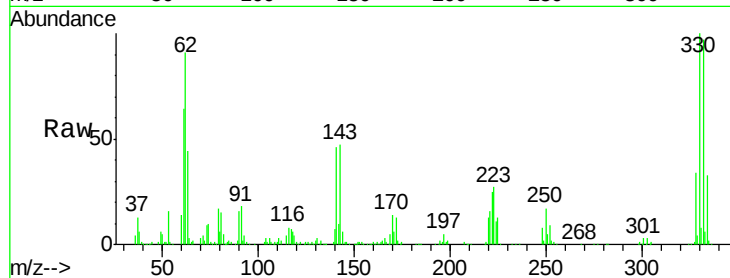




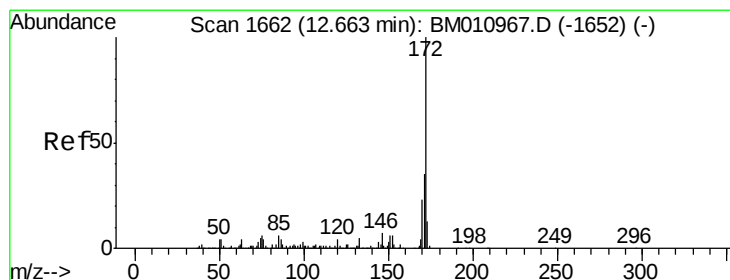
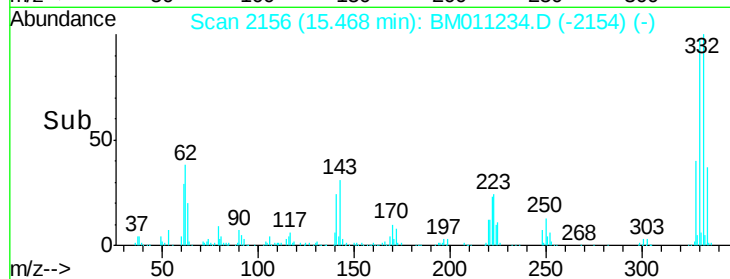
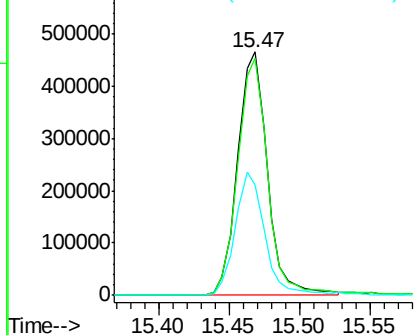
#41
 2,4,6-Tribromophenol
 Concen: 133.710 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011234.D
 Acq: 14 Aug 2017 17:38

Instrument :
 BNA_M
 ClientSampleId :
 SP-B-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	49.8	0.0	0.0#

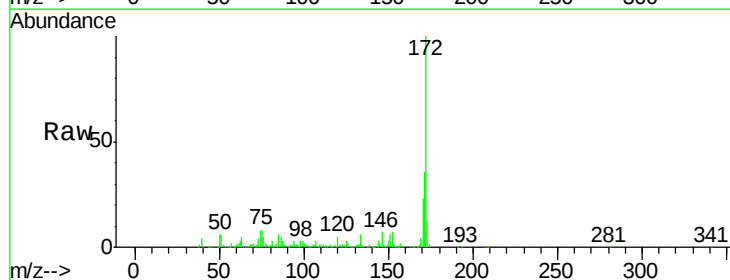


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

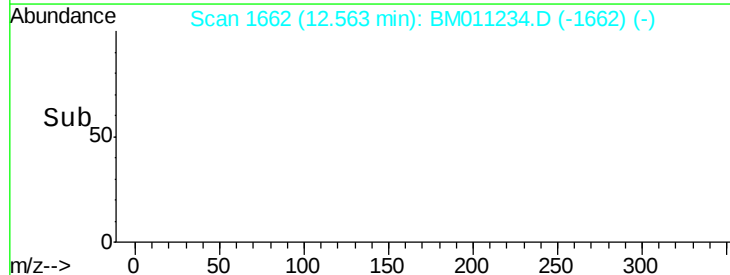
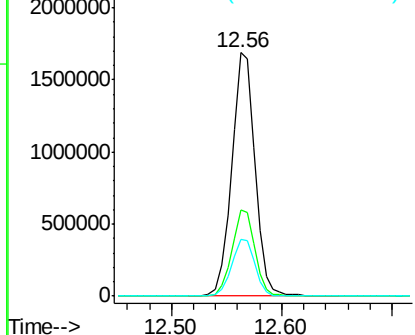


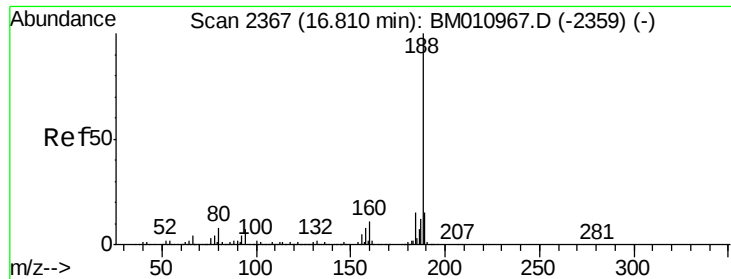
#44
 2-Fluorobiphenyl
 Concen: 97.355 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011234.D
 Acq: 14 Aug 2017 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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

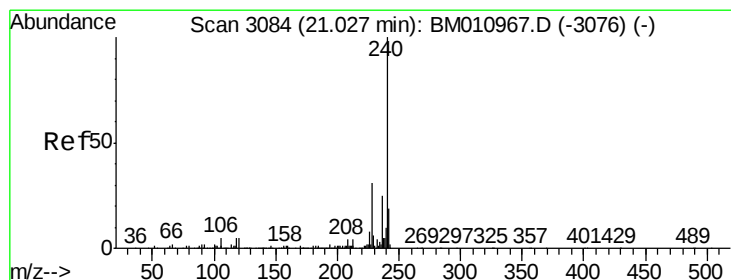
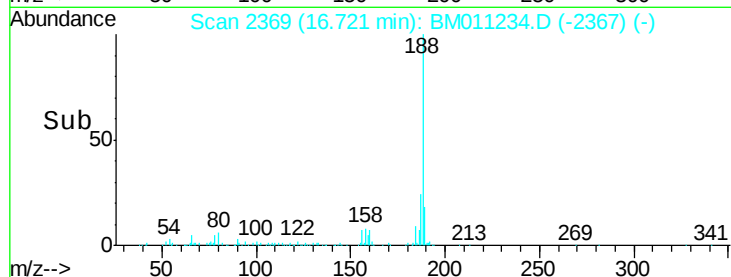
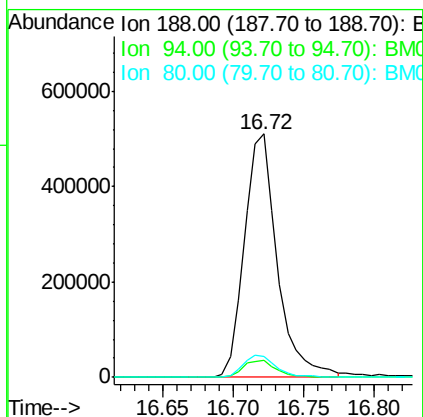
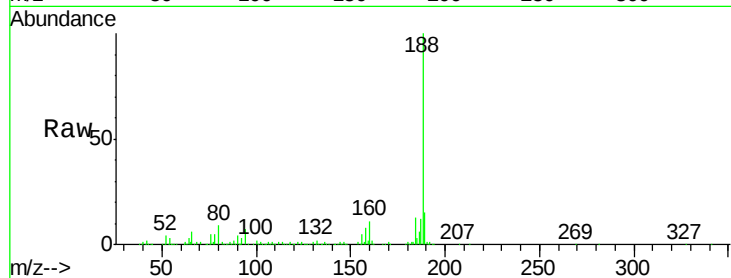




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011234.D
Acq: 14 Aug 2017 17:38

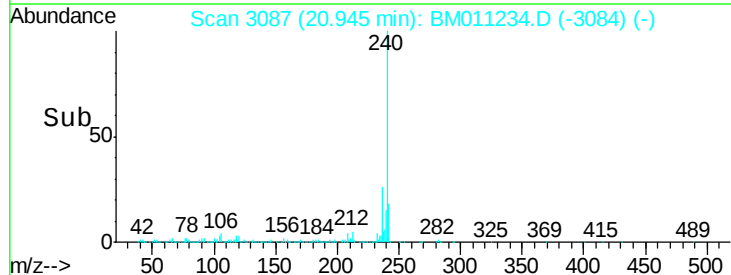
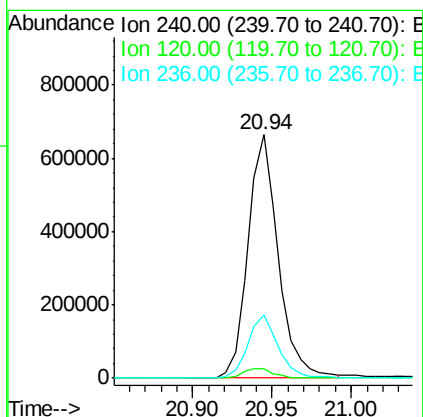
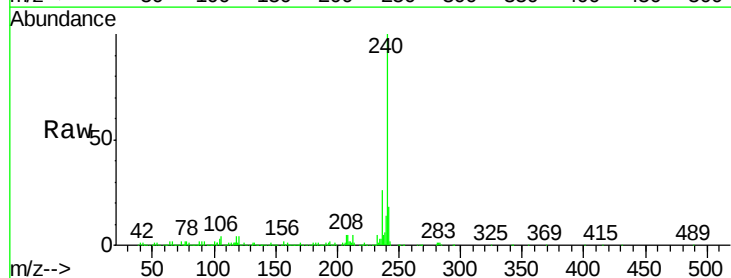
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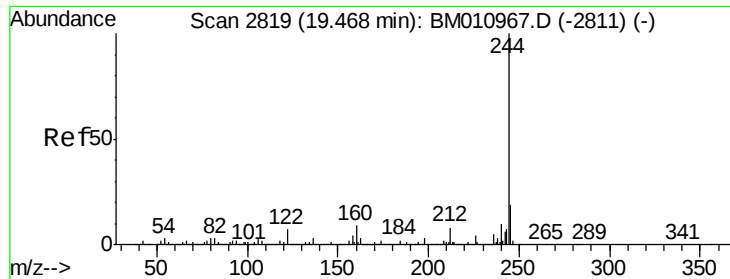
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	8.7	13.1#
80	8.6	9.3	13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011234.D
Acq: 14 Aug 2017 17:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	8.2	12.2#
236	26.0	20.0	30.0





#78

Terphenyl-d14

Concen: 92.380 ng

RT: 19.39 min Scan# 2823

Delta R.T. -0.08 min

Lab File: BM011234.D

Acq: 14 Aug 2017 17:38

Instrument :

BNA_M

ClientSampleId :

SP-B-COMP

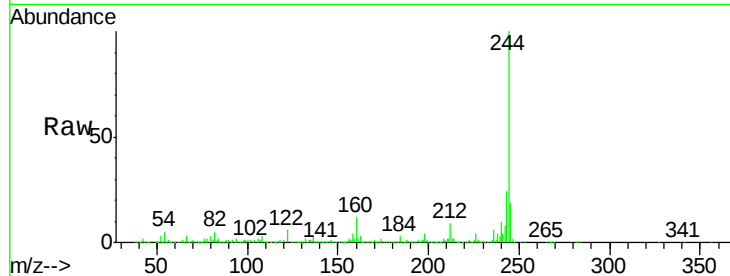
Tgt Ion:244 Resp: 4097963

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

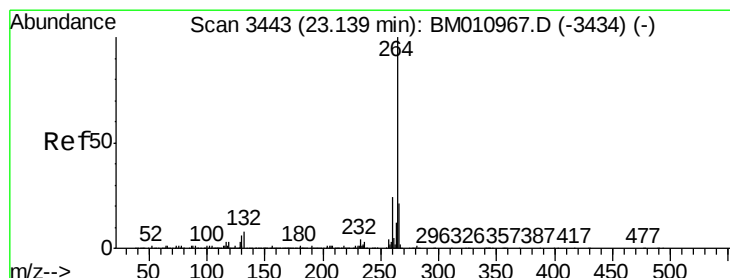
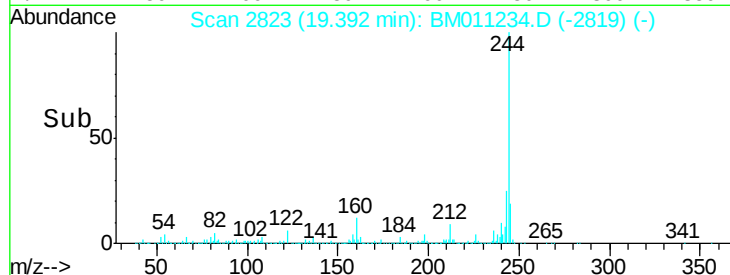
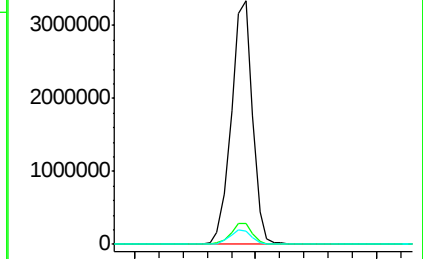
122 5.7 6.2 9.4#



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. -0.11 min

Lab File: BM011234.D

Acq: 14 Aug 2017 17:38

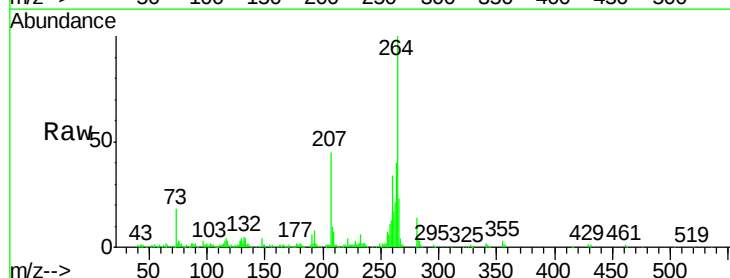
Tgt Ion:264 Resp: 380896

Ion Ratio Lower Upper

264 100

260 33.6 18.6 27.8#

265 22.7 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

