

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011352.D
 Acq On : 25 Aug 2017 20:16
 Operator : SJ/JU
 Sample : I4943-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317

Quant Time: Aug 26 01:05:22 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	7.26	152	89426	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	297730	20.00	ng	-0.02
38) Acenaphthene-d10	13.93	164	206662	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	537891	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	739637	20.00	ng	-0.02
86) Perylene-d12	22.99	264	670941	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	667067	126.10	ng	-0.02
7) Phenol-d6	6.47	99	856243	113.92	ng	-0.02
23) Nitrobenzene-d5	8.41	82	948034	119.51	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	381498	115.17	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	1393948	84.59	ng	-0.02
78) Terphenyl-d14	19.37	244	2690838	72.07	ng	-0.02

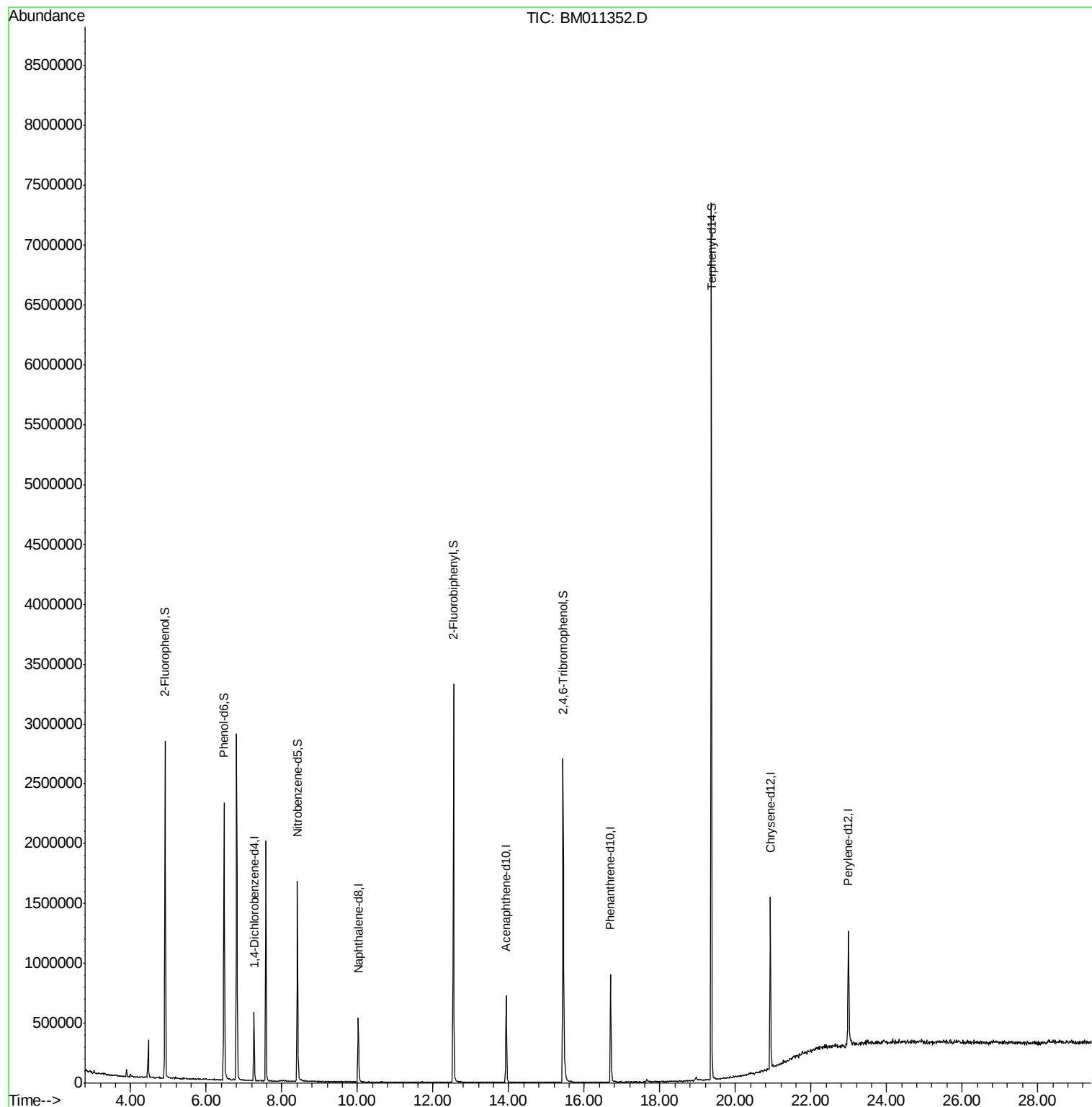
Target Compounds Qvalue

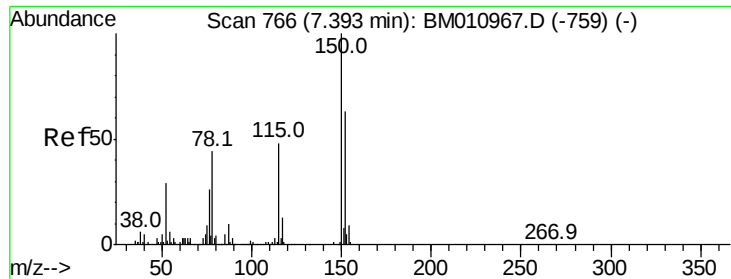
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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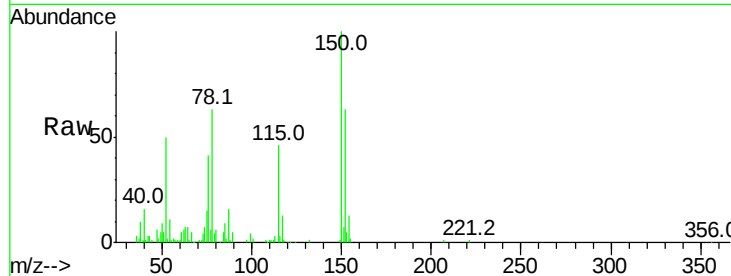


#1

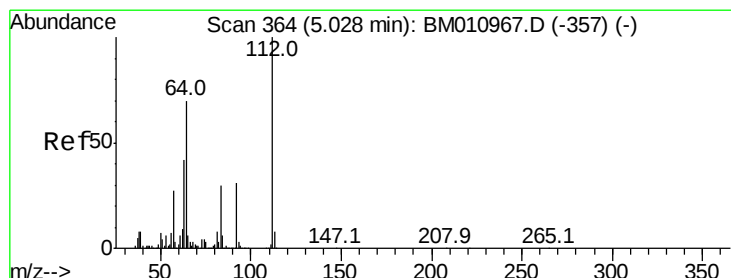
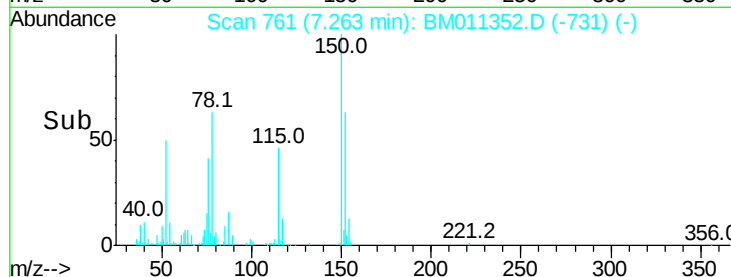
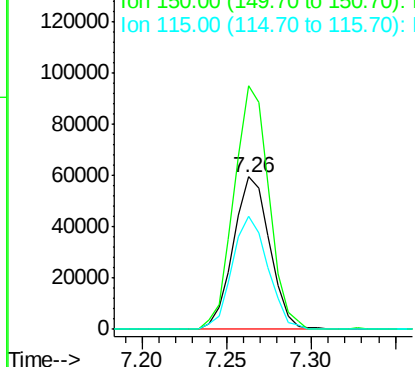
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011352.D
Acq: 25 Aug 2017 20:16

Instrument :
BNA_M
ClientSampleId :
OR-01-082317

Tot Ion:152 Resp: 89426
Ion Ratio Lower Upper
152 100
150 159.6 119.5 179.3
115 73.9 43.0 64.4#



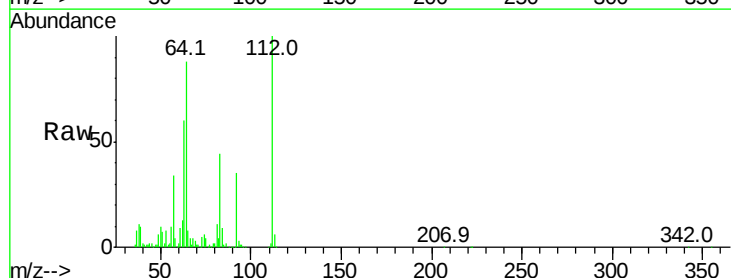
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



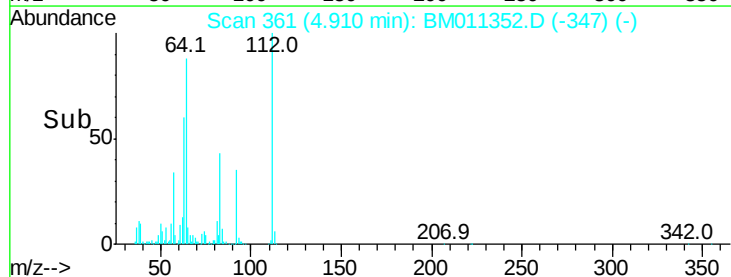
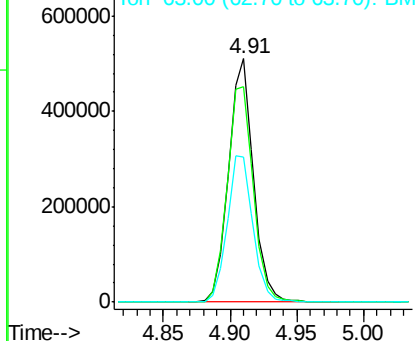
#5

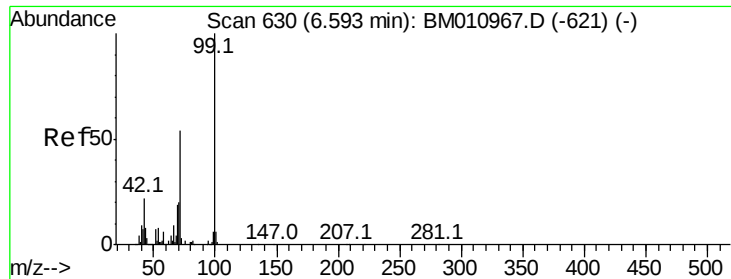
2-Fluorophenol
Concen: 126.097 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011352.D
Acq: 25 Aug 2017 20:16

Tgt Ion:112 Resp: 667067
Ion Ratio Lower Upper
112 100
64 88.5 38.6 57.8#
63 59.6 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: 113.919 ng

RT: 6.47 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM011352.D

Acq: 25 Aug 2017 20:16

Instrument :

BNA_M

ClientSampleId :

OR-01-082317

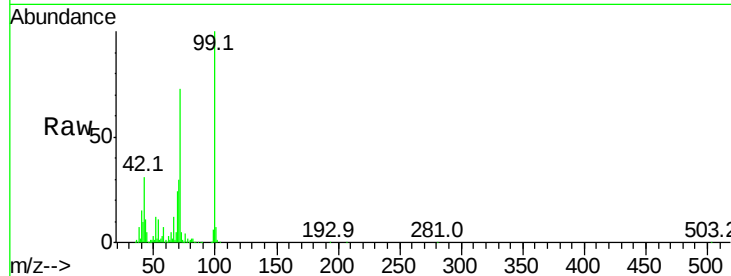
Tot Ion: 99 Resp: 856243

Ion Ratio Lower Upper

99 100

42 30.7 11.0 16.4#

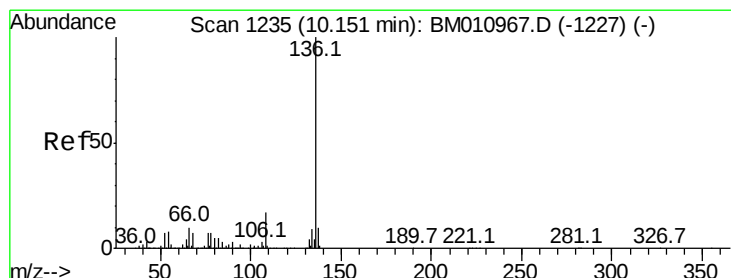
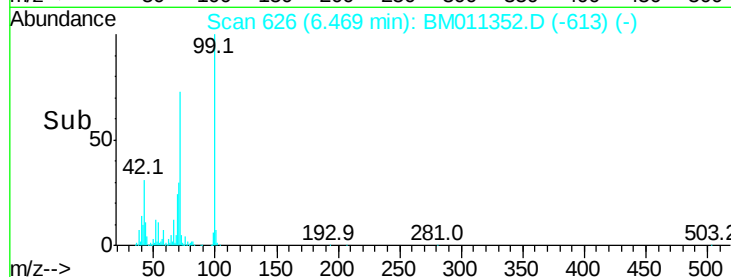
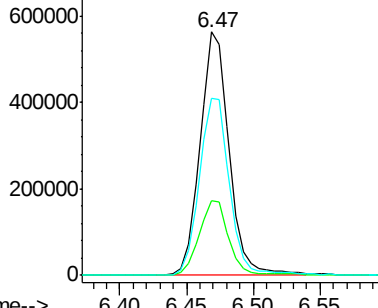
71 72.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011352.D (-613) (-)

Ion 42.00 (41.70 to 42.70): BM011352.D (-613) (-)

Ion 71.00 (70.70 to 71.70): BM011352.D (-613) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1230

Delta R.T. -0.02 min

Lab File: BM011352.D

Acq: 25 Aug 2017 20:16

Tgt Ion: 136 Resp: 297730

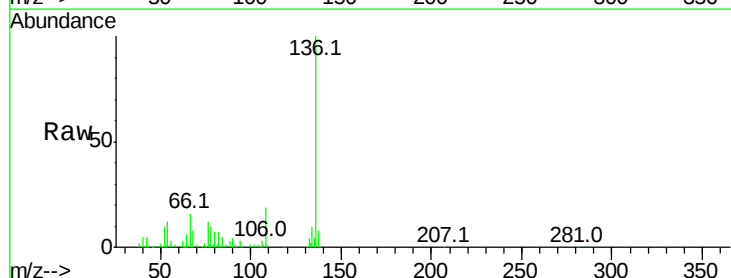
Ion Ratio Lower Upper

136 100

137 8.3 8.7 13.1#

54 12.0 4.6 6.8#

68 7.8 3.7 5.5#

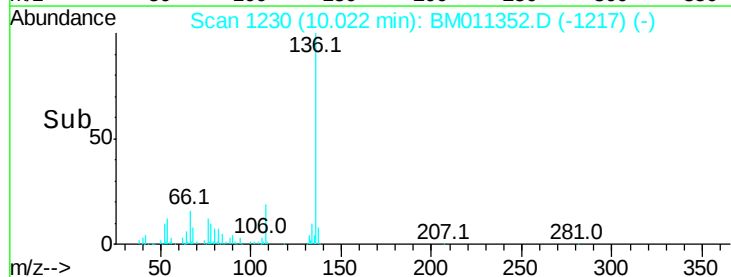
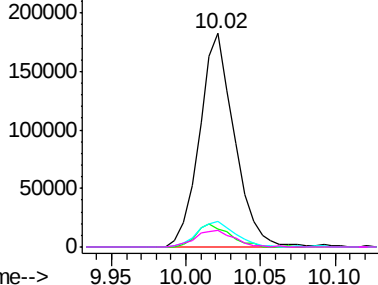


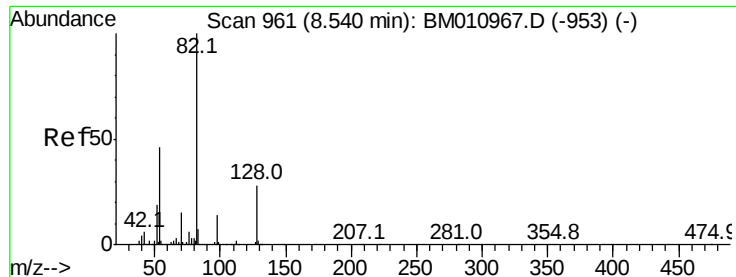
Abundance Ion 136.00 (135.70 to 136.70): BM011352.D (-1217) (-)

Ion 137.00 (136.70 to 137.70): BM011352.D (-1217) (-)

Ion 54.00 (53.70 to 54.70): BM011352.D (-1217) (-)

Ion 68.00 (67.70 to 68.70): BM011352.D (-1217) (-)

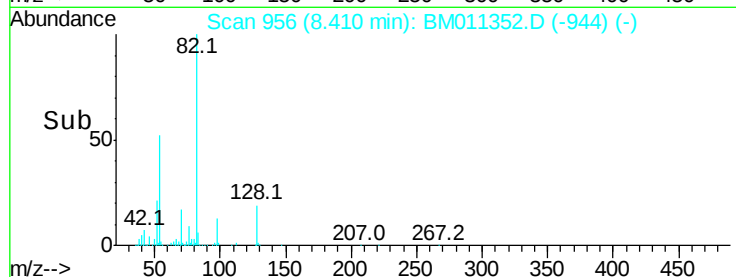
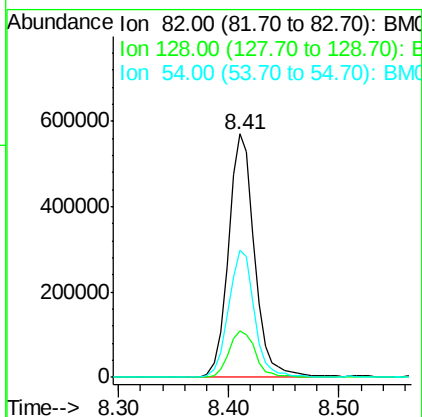
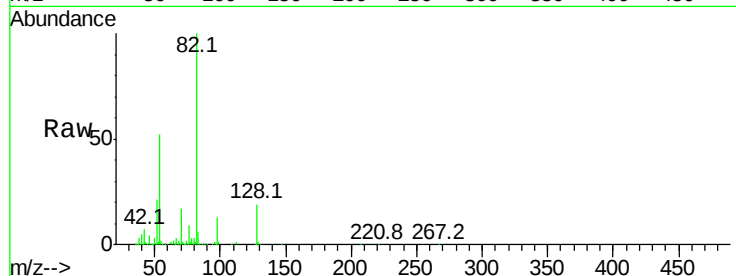




#23
 Nitrobenzene-d5
 Concen: 119.508 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011352.D
 Acq: 25 Aug 2017 20:16

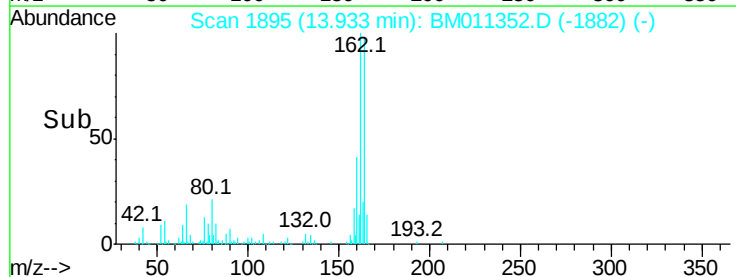
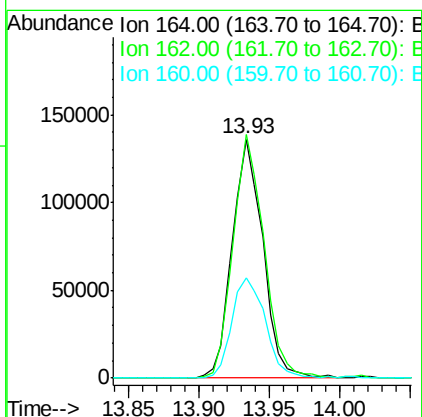
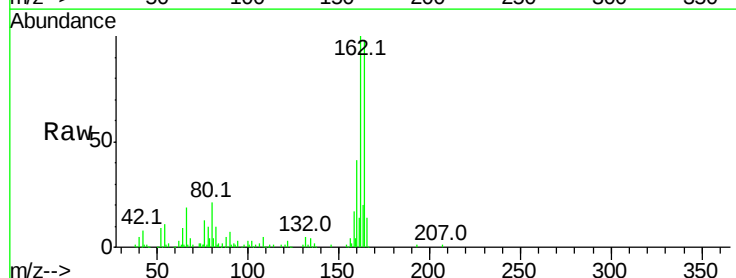
Instrument :
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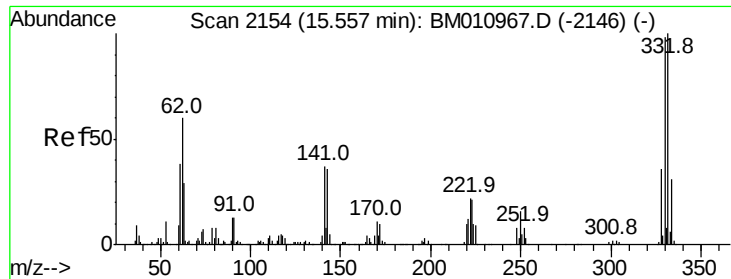
Tot Ion	Ratio	Lower	Upper
82	100		
128	19.2	32.8	49.2#
54	52.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.93 min Scan# 1895
 Delta R.T. -0.02 min
 Lab File: BM011352.D
 Acq: 25 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	42.0	35.8	53.6

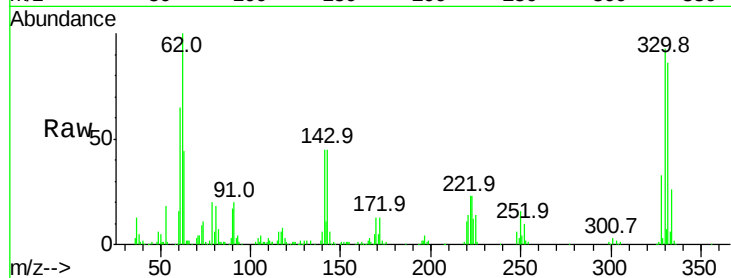




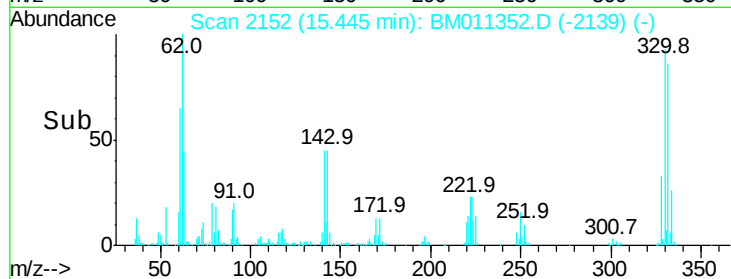
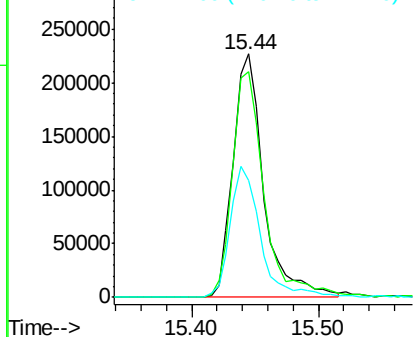
#41
 2,4,6-Tribromophenol
 Concen: 115.174 ng
 RT: 15.44 min Scan# 2152
 Delta R.T. -0.02 min
 Lab File: BM011352.D
 Acq: 25 Aug 2017 20:16

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	52.9	0.0	0.0#

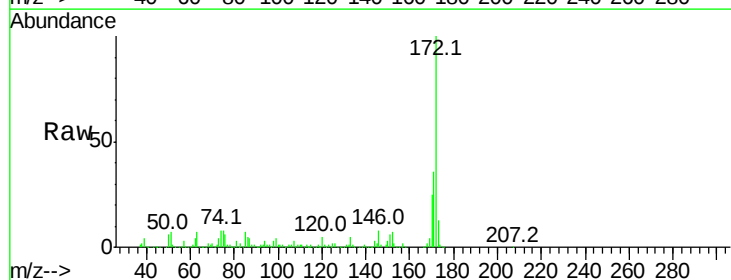


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

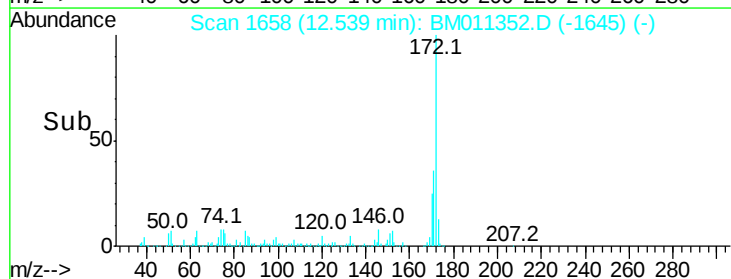
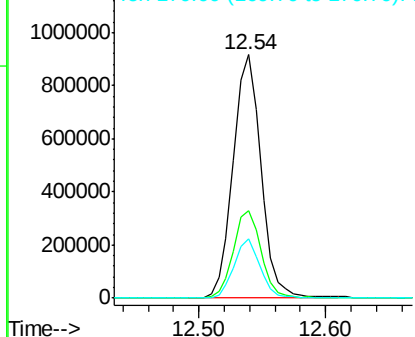


#44
 2-Fluorobiphenyl
 Concen: 84.592 ng
 RT: 12.54 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM011352.D
 Acq: 25 Aug 2017 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.5	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

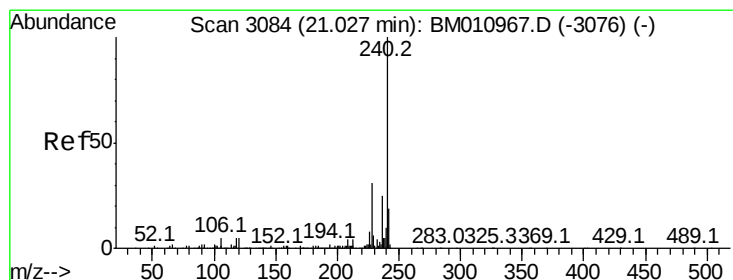
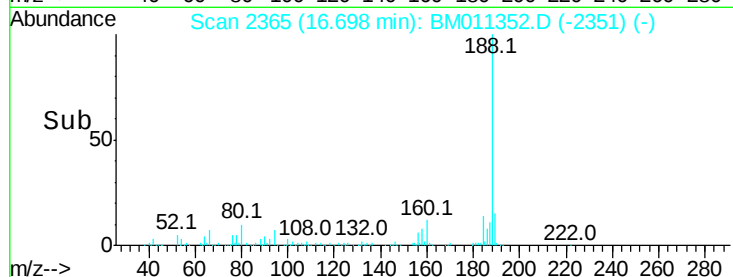
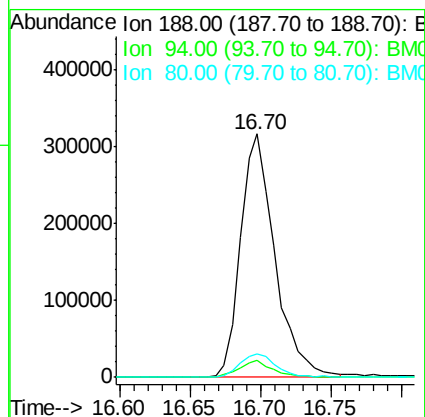
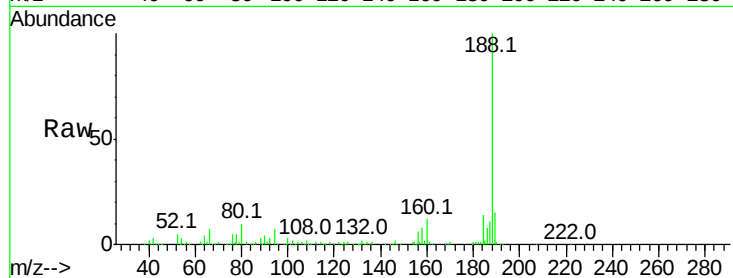




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.02 min
Lab File: BM011352.D
Acq: 25 Aug 2017 20:16

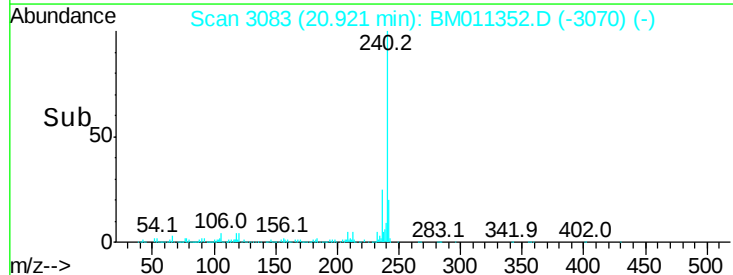
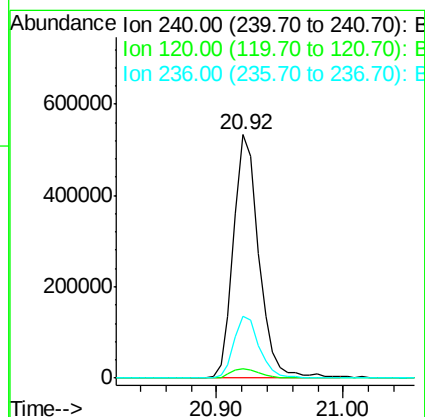
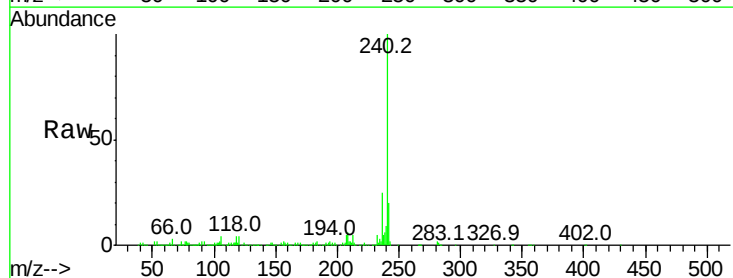
Instrument :
BNA_M
ClientSampleId :
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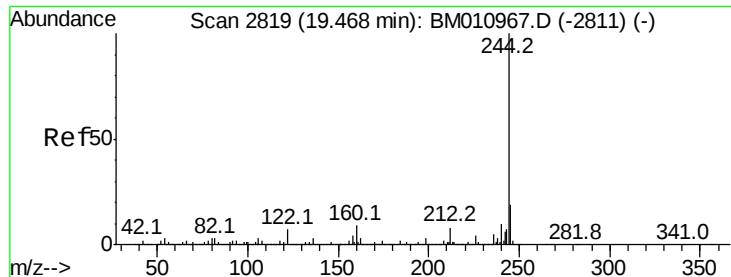
Tot Ion:188 Resp: 537891
Ion Ratio Lower Upper
188 100
94 7.1 8.7 13.1#
80 9.7 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.92 min Scan# 3083
Delta R.T. -0.02 min
Lab File: BM011352.D
Acq: 25 Aug 2017 20:16

Tgt Ion:240 Resp: 739637
Ion Ratio Lower Upper
240 100
120 4.0 8.2 12.2#
236 25.5 20.0 30.0





#78

Terphenyl-d14

Concen: 72.065 ng

RT: 19.37 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM011352.D

Acq: 25 Aug 2017 20:16

Instrument :

BNA_M

ClientSampleId :

OR-01-082317

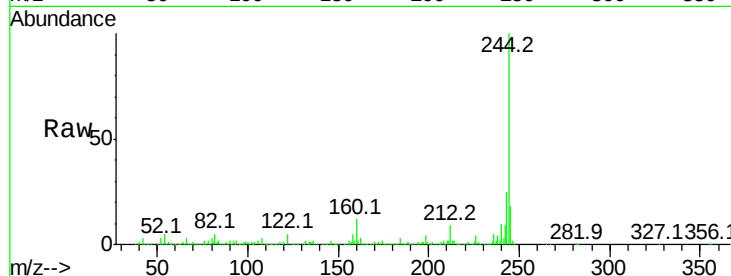
Tot Ion:244 Resp: 2690838

Ion Ratio Lower Upper

244 100

212 8.9 4.9 7.3#

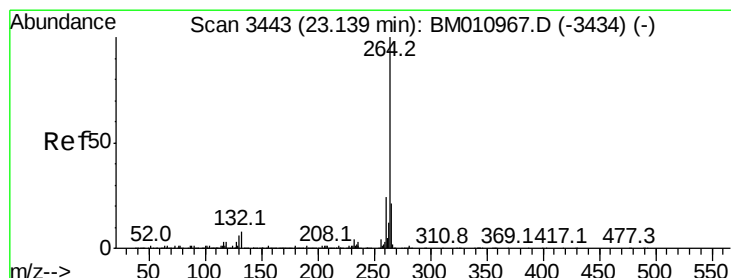
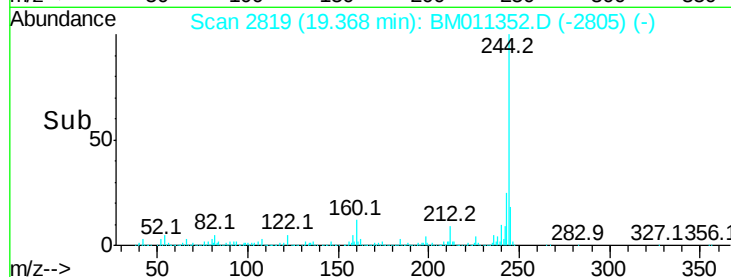
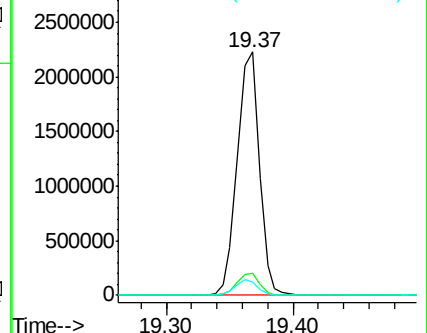
122 5.3 6.2 9.4#



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: 22.99 min Scan# 3435

Delta R.T. -0.03 min

Lab File: BM011352.D

Acq: 25 Aug 2017 20:16

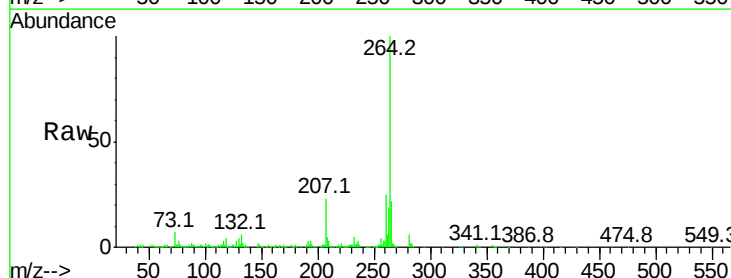
Tgt Ion:264 Resp: 670941

Ion Ratio Lower Upper

264 100

260 25.4 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

