

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011235.D
 Acq On : 14 Aug 2017 18:14
 Operator : SJ/JU
 Sample : I4706-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-081017

Quant Time: Aug 15 06:12:17 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	122522	20.00	ng	-0.11
21) Naphthalene-d8	10.05	136	421605	20.00	ng	-0.11
38) Acenaphthene-d10	13.96	164	280858	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	652482	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	720766	20.00	ng	-0.08
86) Perylene-d12	23.02	264	730639	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	977949	134.93	ng	-0.09
7) Phenol-d6	6.50	99	1241139	120.52	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1335139	118.86	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	559092	124.20	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2141522	95.63	ng	-0.10
78) Terphenyl-d14	19.39	244	3203147	88.03	ng	-0.08

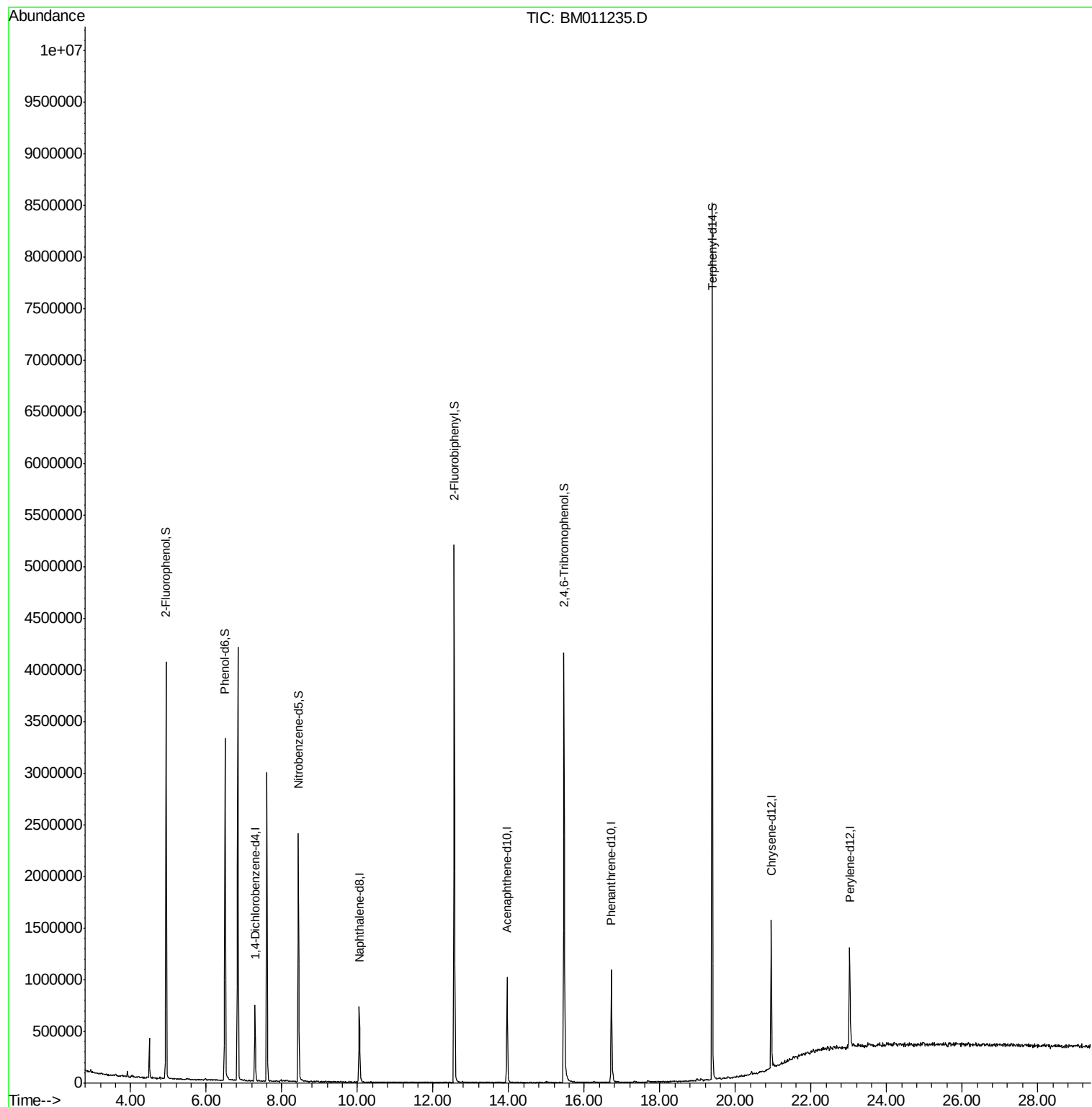
Target Compounds	Qvalue
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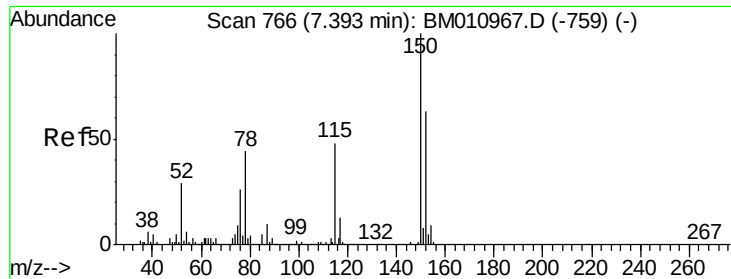
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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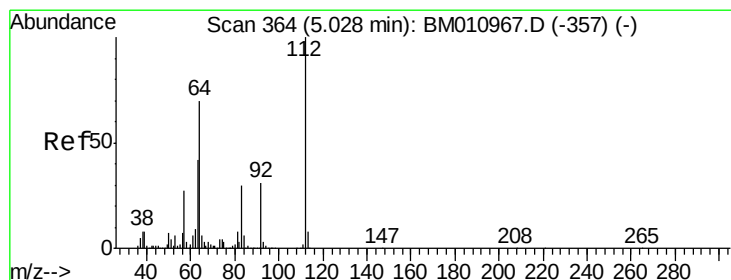
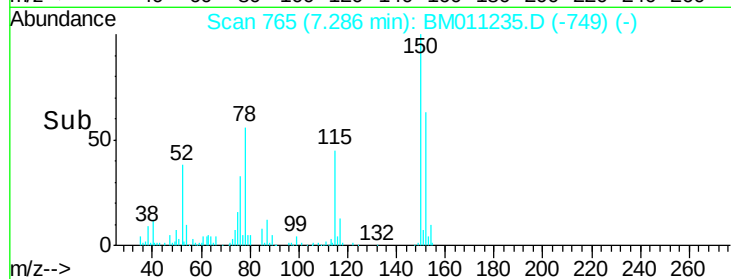
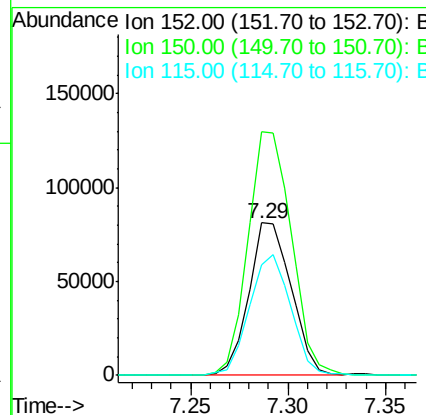
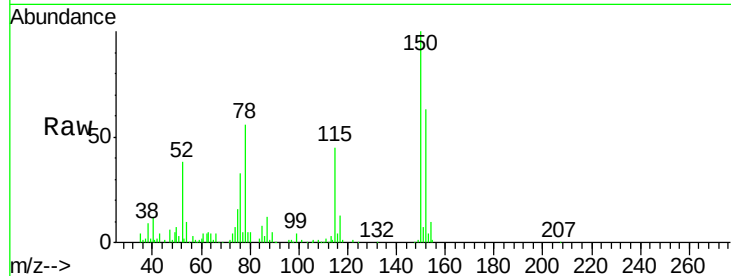


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 765
Delta R.T. -0.11 min
Lab File: BM011235.D
Acq: 14 Aug 2017 18:14

Instrument :
BNA_M
ClientSampleId :
OR-02-081017

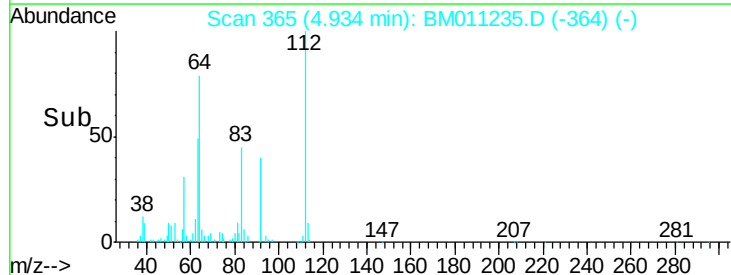
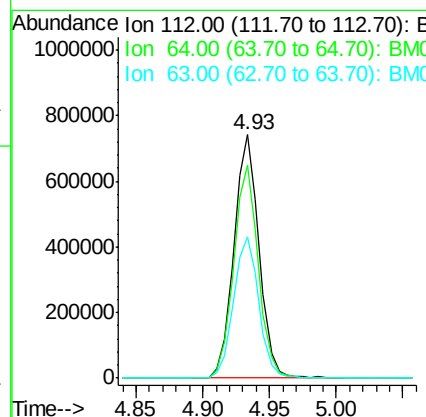
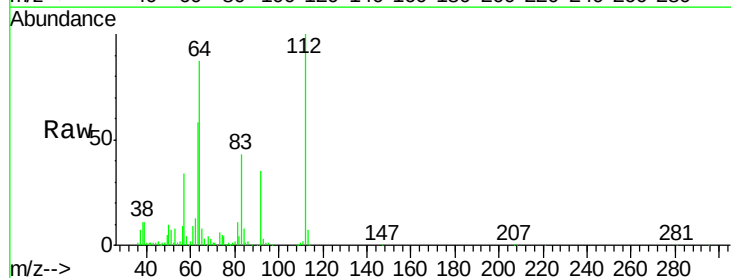
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	119.5	179.3
115	72.1	43.0	64.4

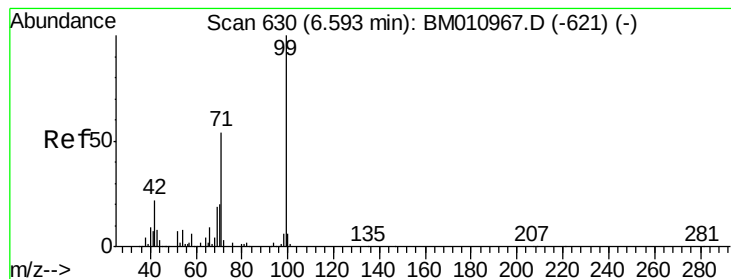


#5

2-Fluorophenol
Concen: 134.928 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011235.D
Acq: 14 Aug 2017 18:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	87.3	38.6	57.8
63	57.9	19.3	28.9





#7

Phenol-d6

Concen: 120.522 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011235.D

Acq: 14 Aug 2017 18:14

Instrument :

BNA_M

ClientSampleId :

OR-02-081017

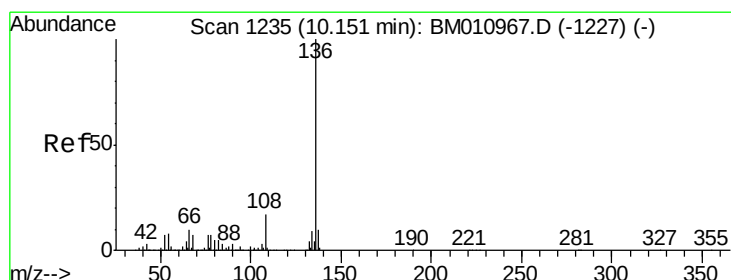
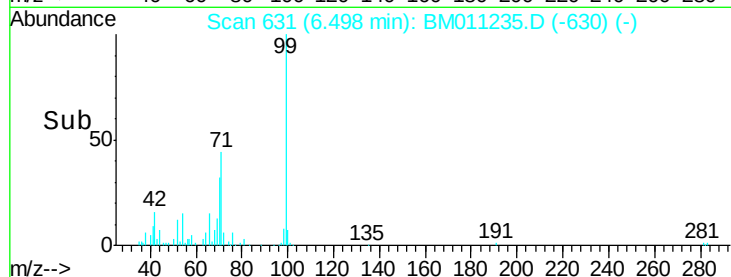
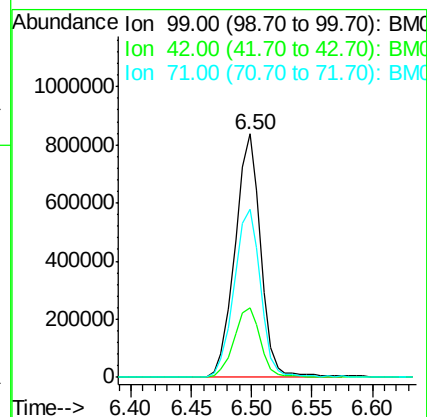
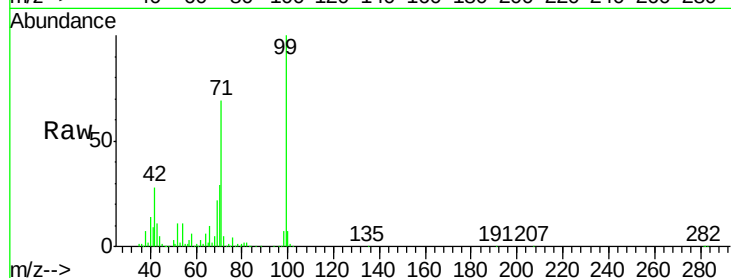
Tgt Ion: 99 Resp: 1241139

Ion Ratio Lower Upper

99 100

42 28.5 11.0 16.4#

71 68.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. -0.11 min

Lab File: BM011235.D

Acq: 14 Aug 2017 18:14

Tgt Ion: 136 Resp: 421605

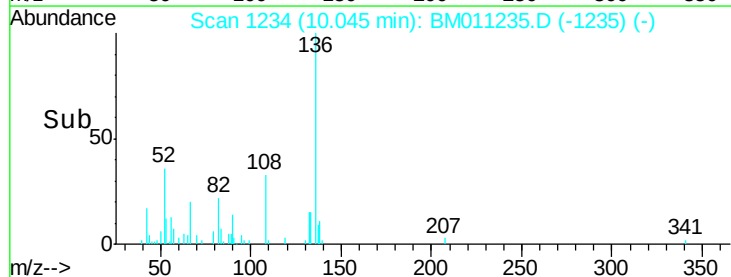
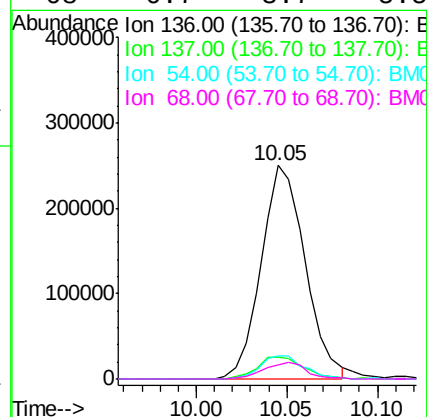
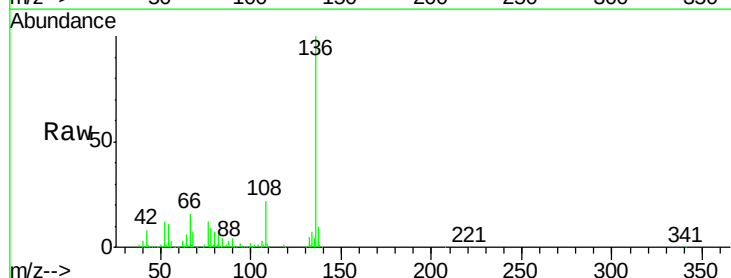
Ion Ratio Lower Upper

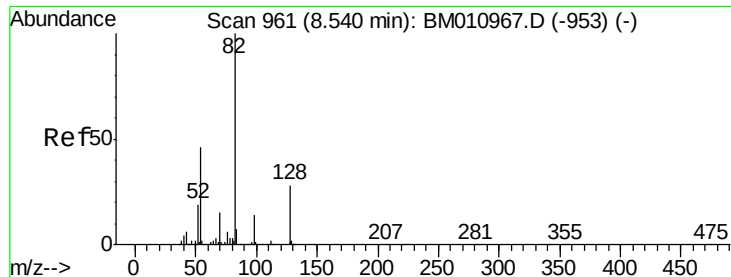
136 100

137 10.0 8.7 13.1

54 10.5 4.6 6.8#

68 6.7 3.7 5.5#

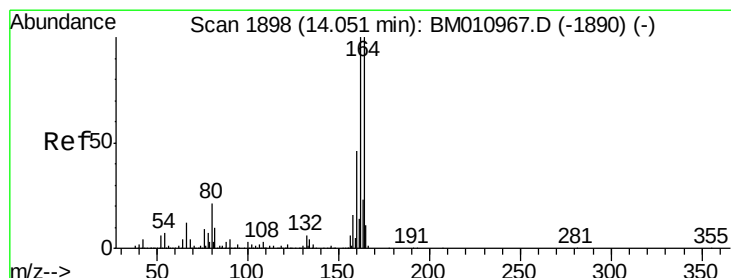
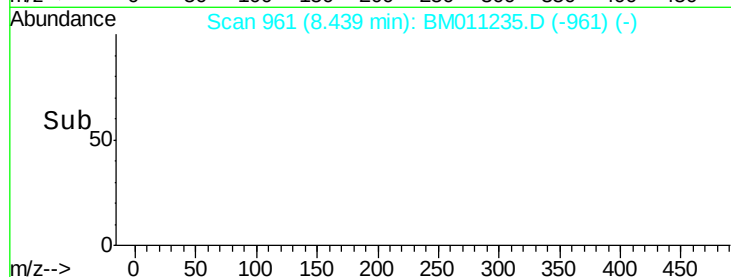
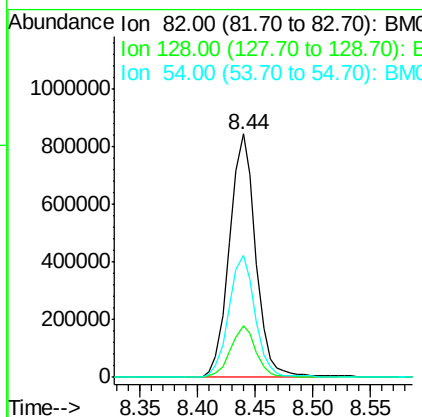
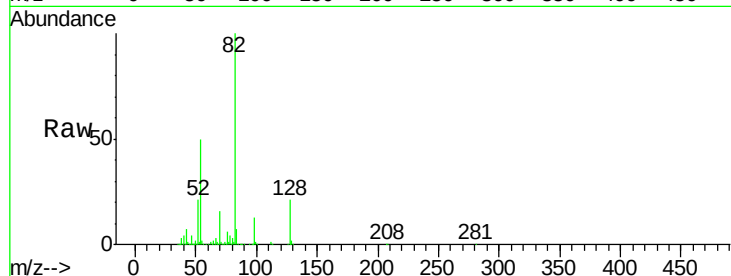




#23
 Nitrobenzene-d5
 Concen: 118.855 ng
 RT: 8.44 min Scan# 961
 Delta R.T. -0.10 min
 Lab File: BM011235.D
 Acq: 14 Aug 2017 18:14

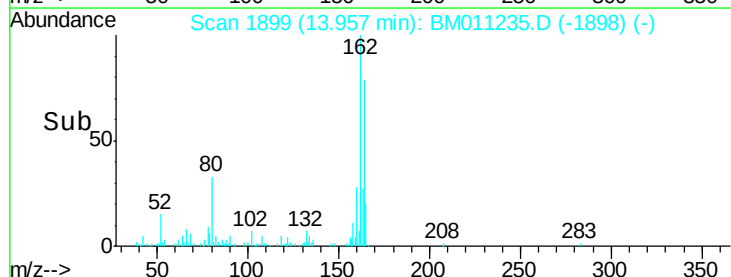
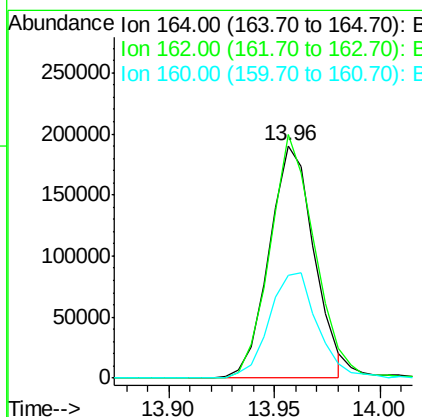
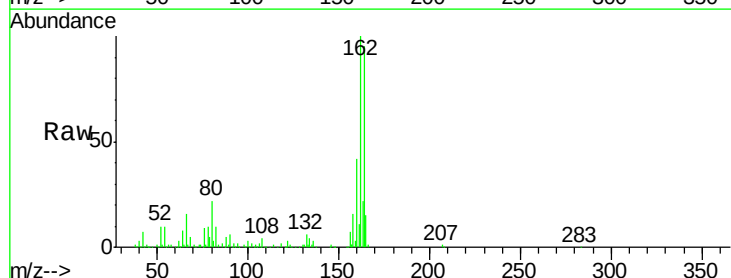
Instrument :
 BNA_M
 ClientSampleId :
 OR-02-081017

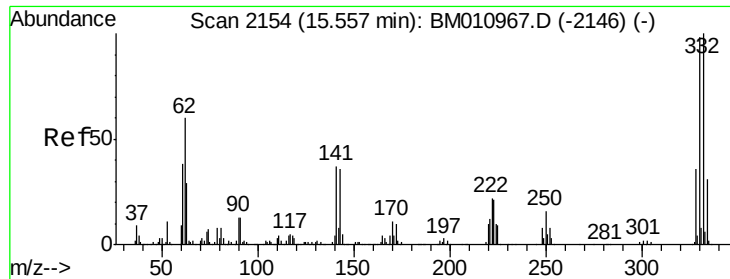
Tgt Ion: 82 Resp: 1335139
 Ion Ratio Lower Upper
 82 100
 128 21.1 32.8 49.2#
 54 49.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. -0.09 min
 Lab File: BM011235.D
 Acq: 14 Aug 2017 18:14

Tgt Ion: 164 Resp: 280858
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.4 123.6
 160 44.1 35.8 53.6

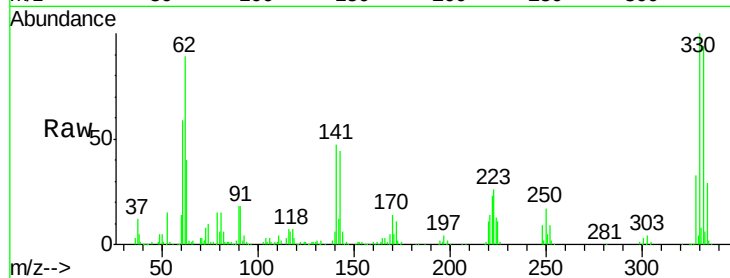




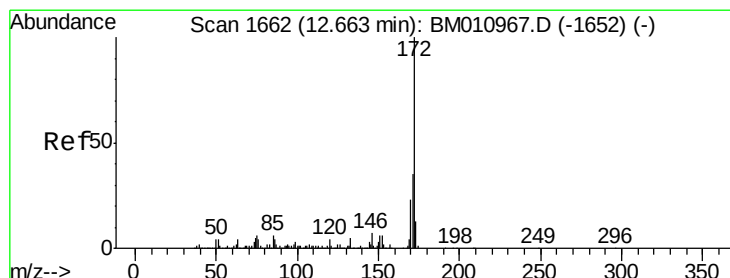
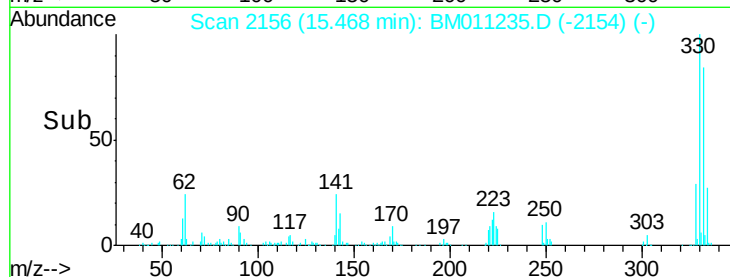
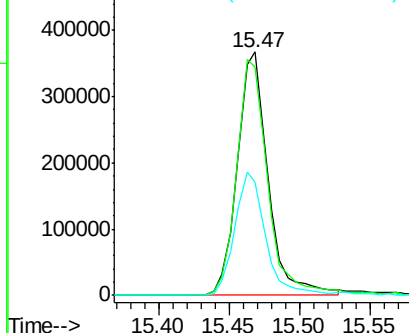
#41
 2,4,6-Tribromophenol
 Concen: 124.199 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011235.D
 Acq: 14 Aug 2017 18:14

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-081017

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	559092	0.0	0.0#
141	50.5		0.0	0.0#

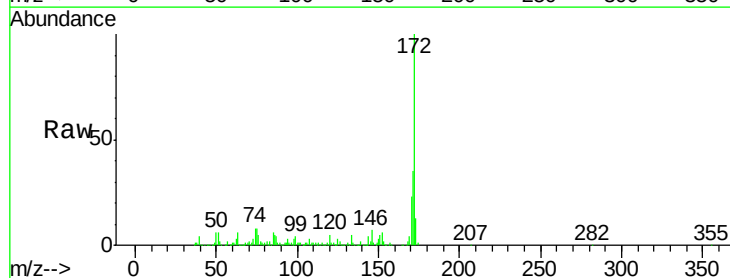


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

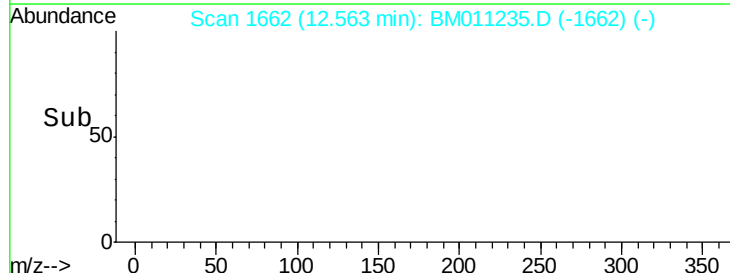
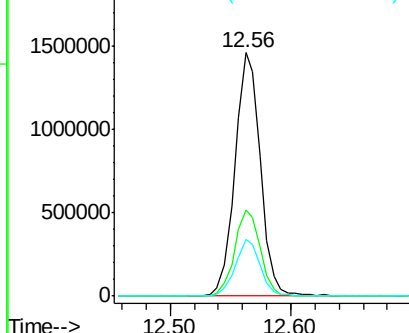


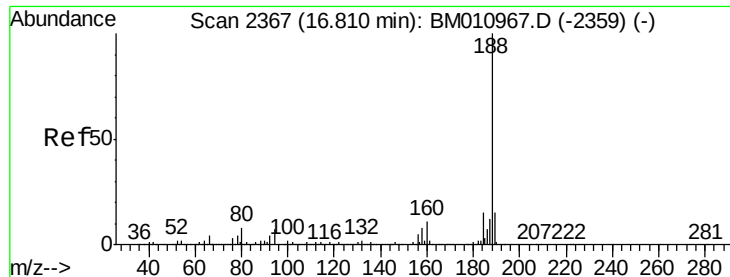
#44
 2-Fluorobiphenyl
 Concen: 95.627 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011235.D
 Acq: 14 Aug 2017 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2141522		
171	35.3		28.5	42.7
170	23.5		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

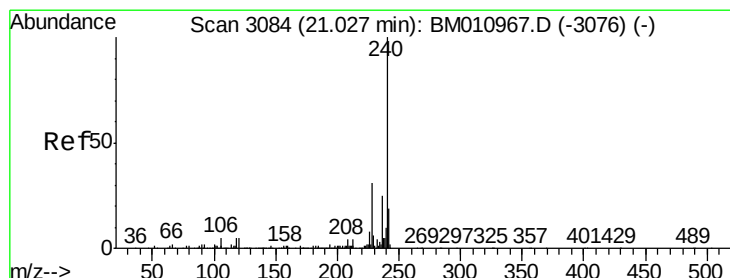
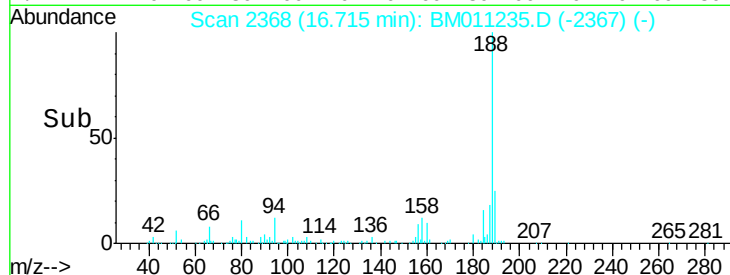
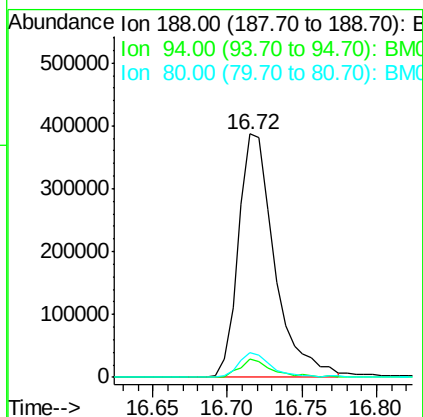
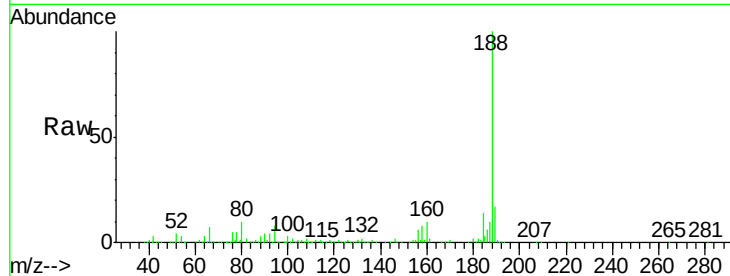




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2368
Delta R.T. -0.09 min
Lab File: BM011235.D
Acq: 14 Aug 2017 18:14

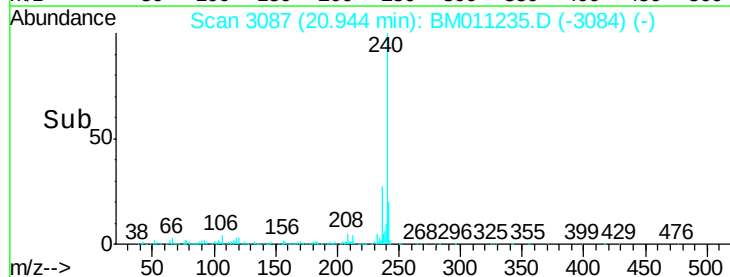
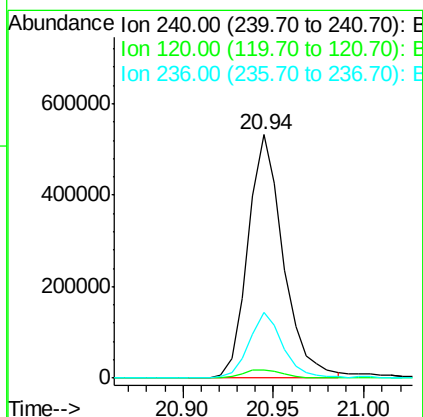
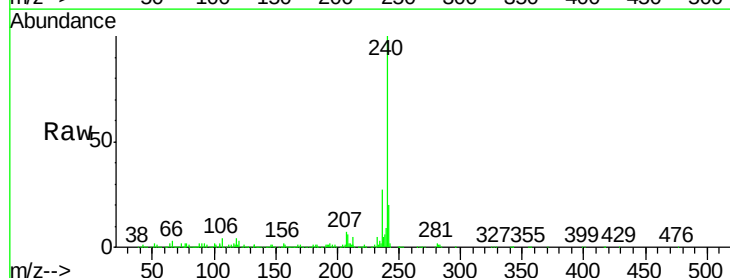
Instrument :
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ClientSampleId :
OR-02-081017

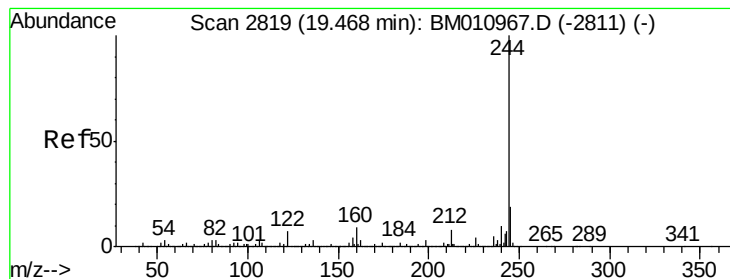
Tgt Ion:188 Resp: 652482
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 10.2 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3087
Delta R.T. -0.08 min
Lab File: BM011235.D
Acq: 14 Aug 2017 18:14

Tgt Ion:240 Resp: 720766
Ion Ratio Lower Upper
240 100
120 3.4 8.2 12.2#
236 26.9 20.0 30.0





#78

Terphenyl-d14

Concen: 88.032 ng

RT: 19.39 min Scan# 2822

Delta R.T. -0.08 min

Lab File: BM011235.D

Acq: 14 Aug 2017 18:14

Instrument :

BNA_M

ClientSampleId :

OR-02-081017

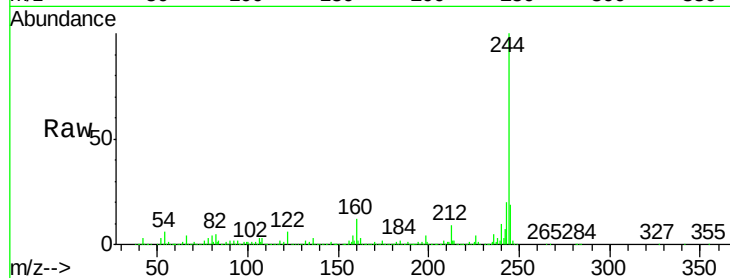
Tgt Ion:244 Resp: 3203147

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

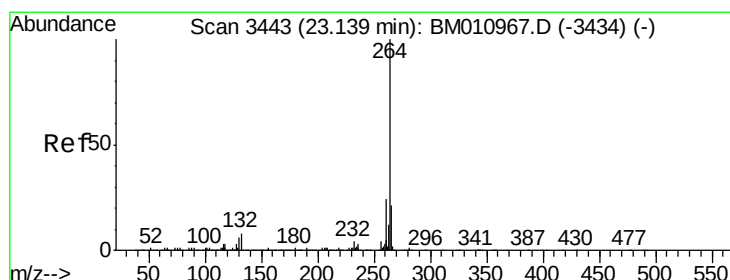
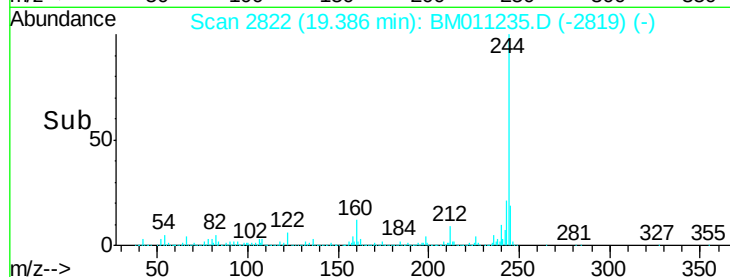
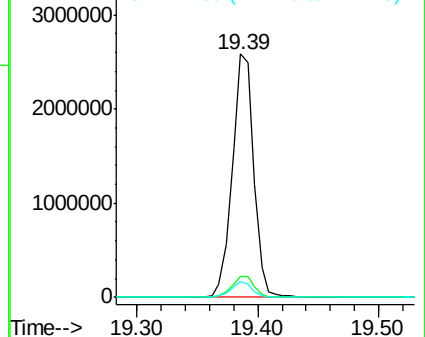
122 6.5 6.2 9.4



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: 23.02 min Scan# 3440

Delta R.T. -0.12 min

Lab File: BM011235.D

Acq: 14 Aug 2017 18:14

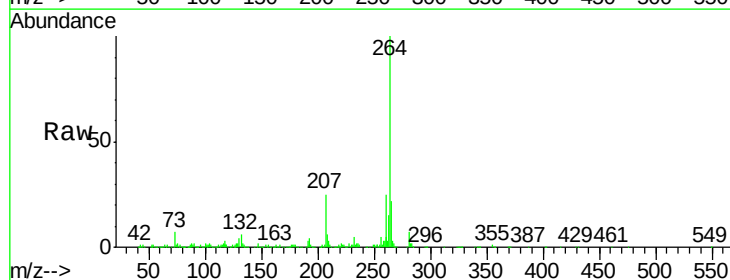
Tgt Ion:264 Resp: 730639

Ion Ratio Lower Upper

264 100

260 24.6 18.6 27.8

265 22.4 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

