

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
 Data File : BM011059.D
 Acq On : 29 Jul 2017 01:32
 Operator : SJ/JU
 Sample : I4444-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-BRE

Quant Time: Jul 29 03:51:45 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

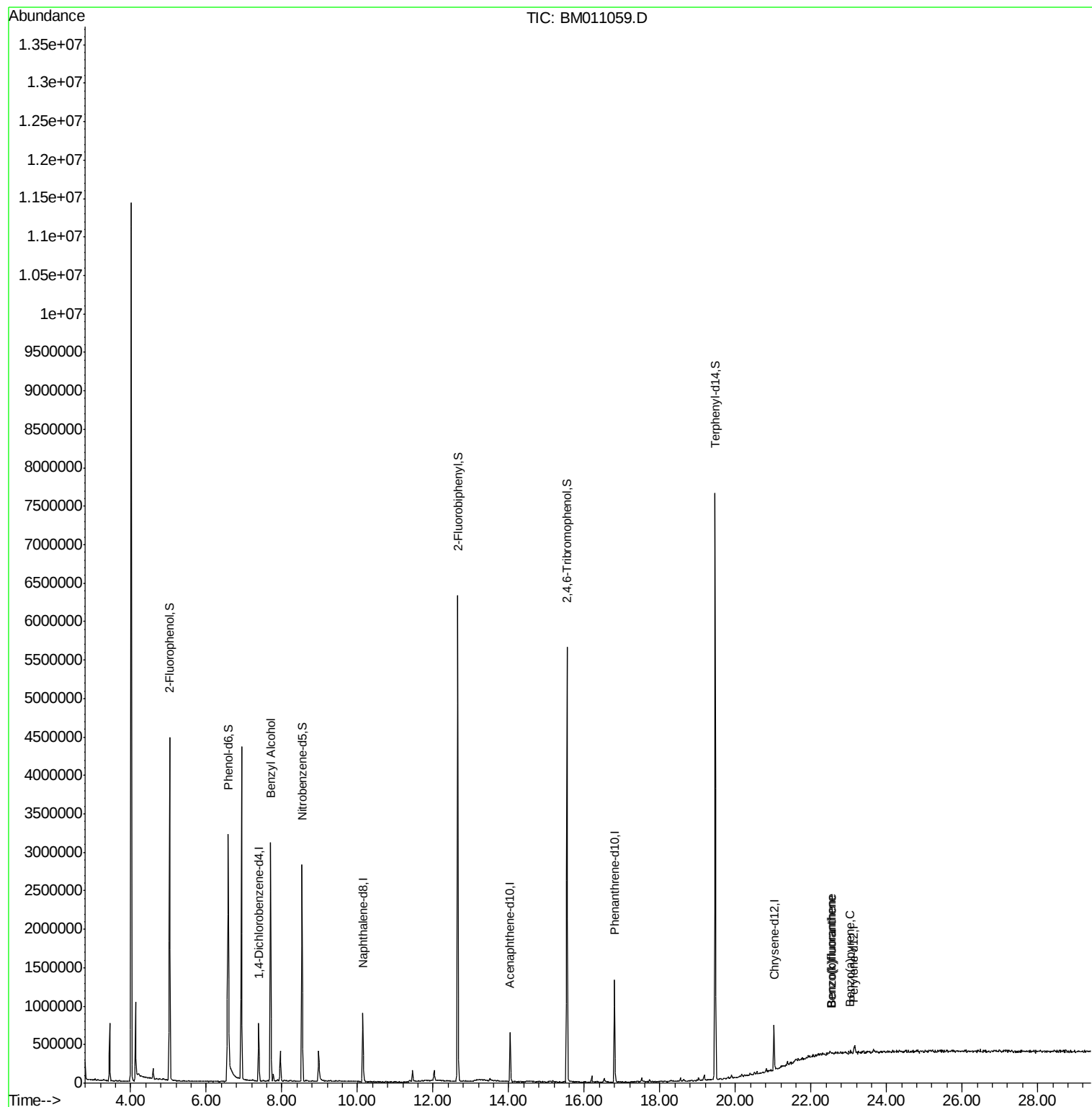
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	143023	20.00	ng	0.00
21) Naphthalene-d8	10.14	136	529142	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	158466	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	594107	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	179235	20.00	ng	0.00
86) Perylene-d12	23.13	264	8231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1246136	147.29	ng	0.00
7) Phenol-d6	6.58	99	1003337	83.46	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1509592	107.07	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	761216	299.71	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	2652374	209.91	ng	-0.01
78) Terphenyl-d14	19.46	244	2619506	289.50	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.70	79	27431	2.38	ng	# 33
87) Benzo(b)fluoranthene	22.53	252	2083	3.94	ng	# 1
88) Benzo(k)fluoranthene	22.55	252	4642	9.17	ng	# 1
89) Benzo(a)pyrene	23.04	252	1833	3.83	ng	# 35

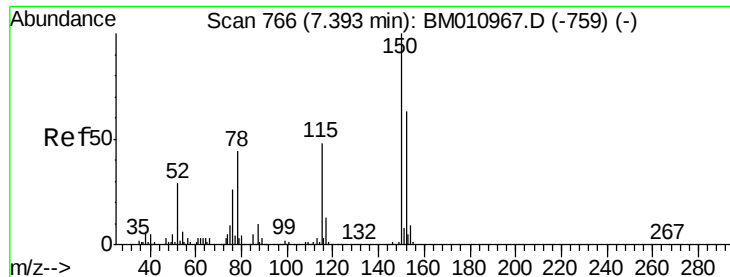
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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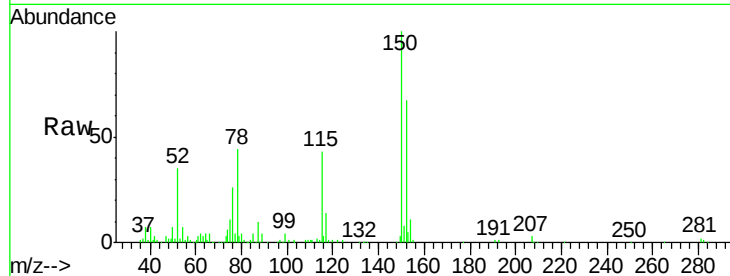


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

Tot Ion	152	Resp	143023
Ion	Ratio	Lower	Upper
152	100		
150	148.3	119.5	179.3
115	63.1	43.0	64.4

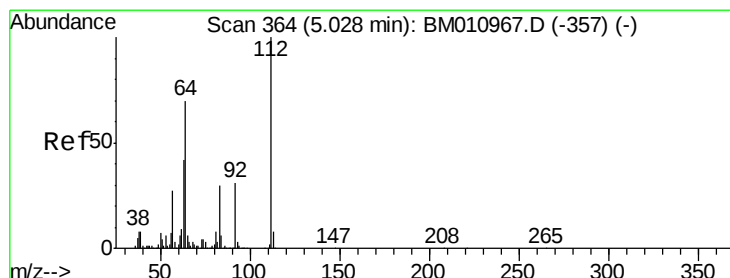
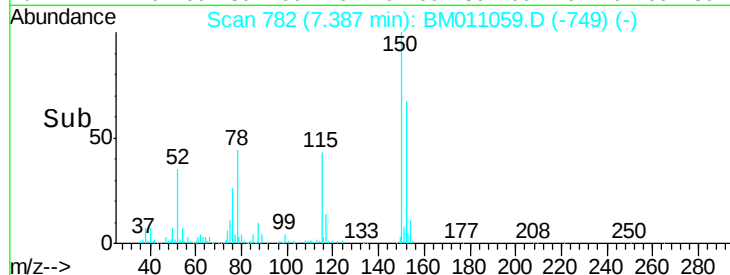
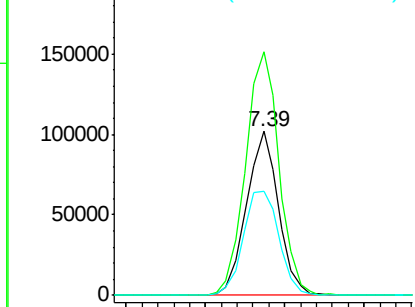


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

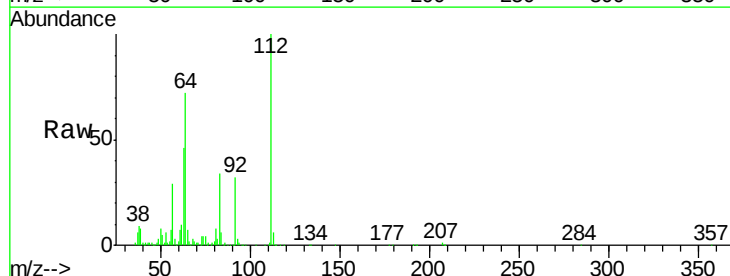
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.29 ng
RT: 5.03 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion	112	Resp	1246136
Ion	Ratio	Lower	Upper
112	100		
64	72.4	38.6	57.8#
63	46.3	19.3	28.9#

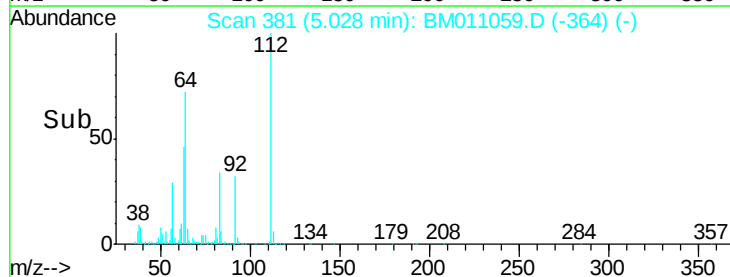
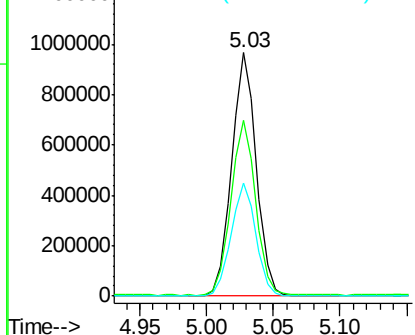


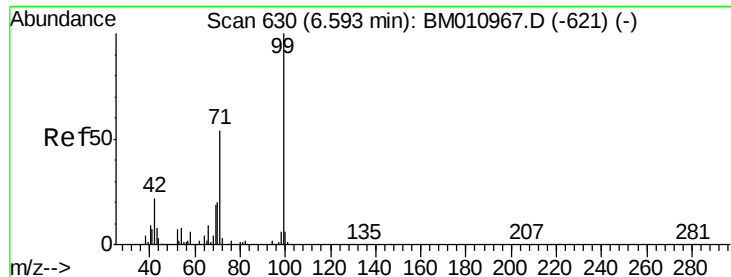
Abundance

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: 83.46 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

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EO-02-072517-BRE

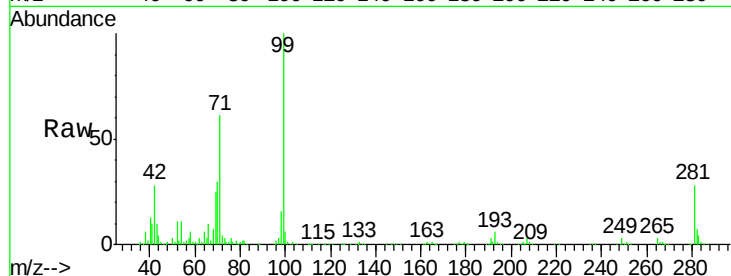
Tot Ion: 99 Resp: 1003337

Ion Ratio Lower Upper

99 100

42 27.8 11.0 16.4#

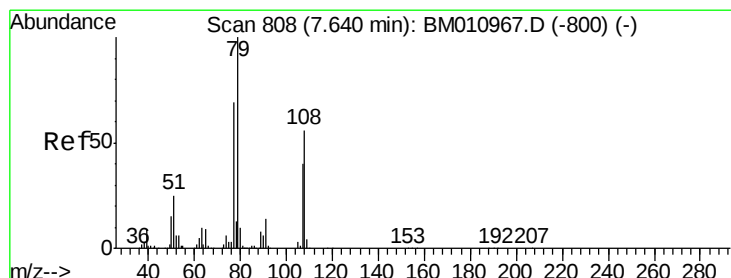
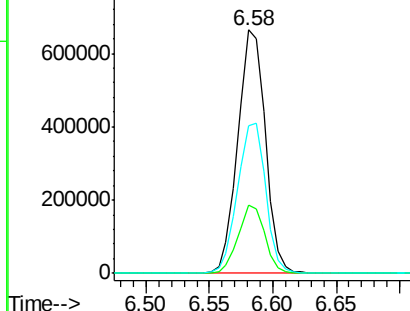
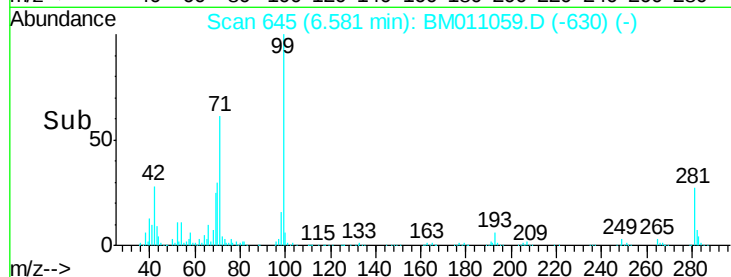
71 60.7 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011059.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011059.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011059.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.38 ng

RT: 7.70 min Scan# 835

Delta R.T. 0.06 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

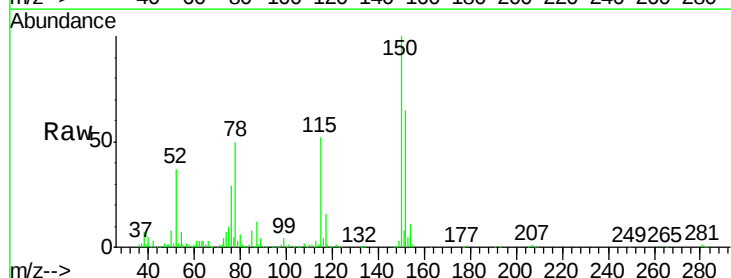
Tgt Ion: 79 Resp: 27431

Ion Ratio Lower Upper

79 100

108 54.3 65.0 97.4#

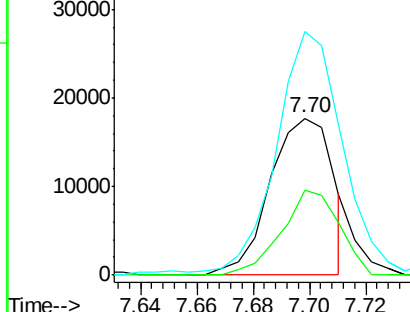
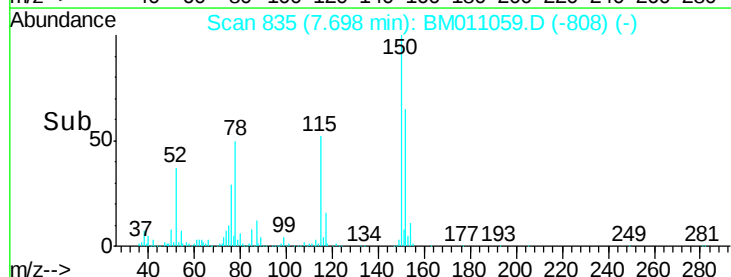
77 154.9 53.0 79.6#

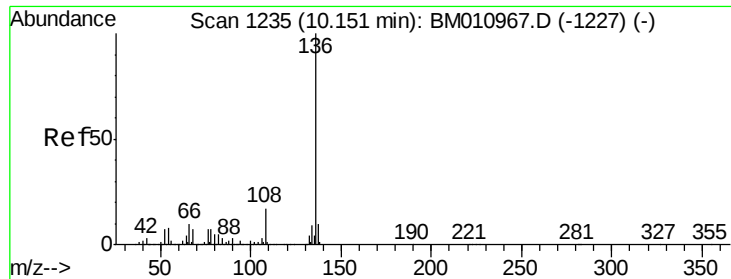


Abundance Ion 79.00 (78.70 to 79.70): BM011059.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011059.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011059.D (-808) (-)

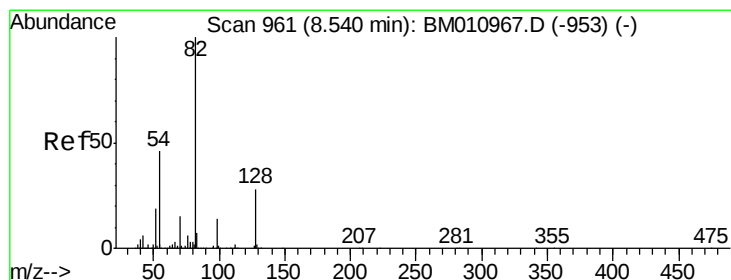
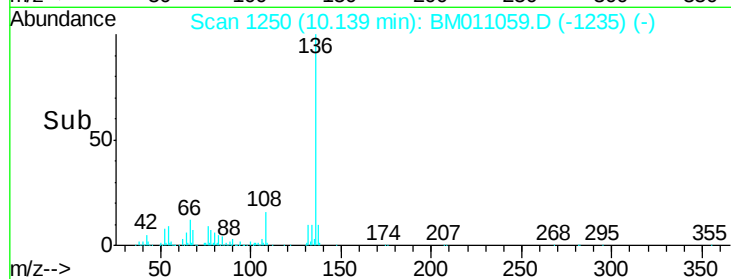
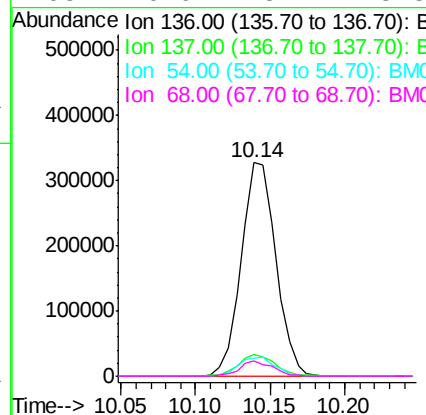
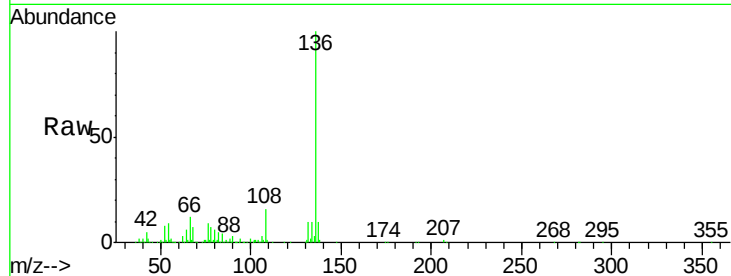




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

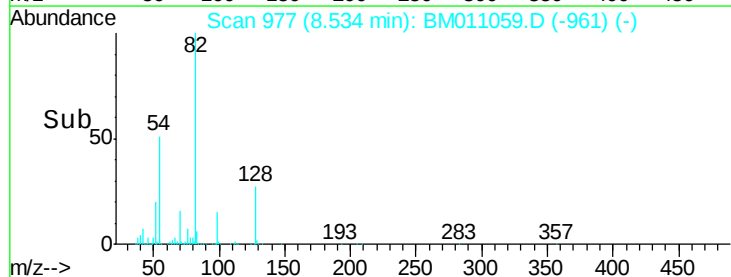
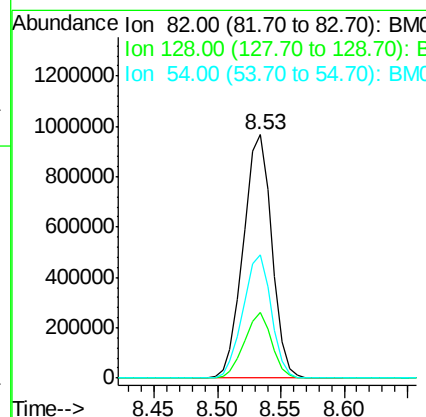
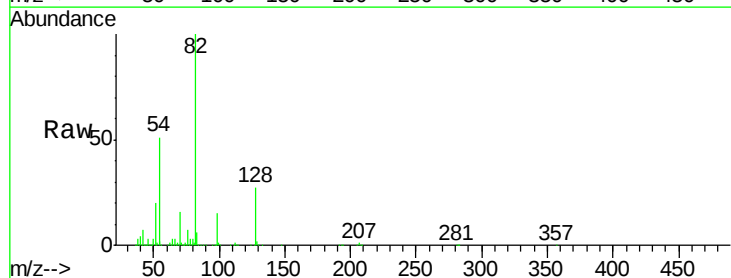
Instrument :
BNA_M
ClientSampleId :
EO-02-072517-BRE

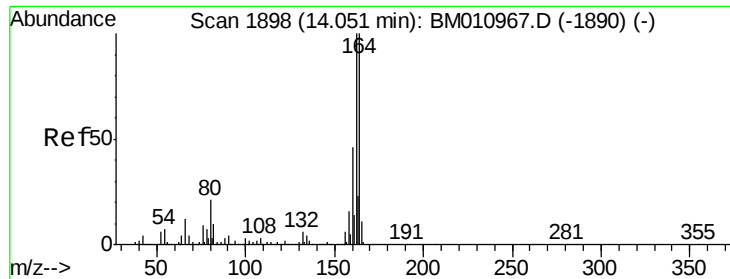
Tot Ion:	136	Resp:	529142
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.5	4.6	6.8#
68	6.9	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 107.07 ng
RT: 8.53 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:	82	Resp:	1509592
Ion	Ratio	Lower	Upper
82	100		
128	27.2	32.8	49.2#
54	50.8	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

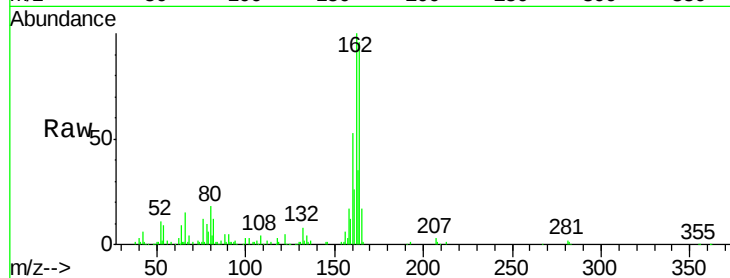
Tot Ion:164 Resp: 158466

Ion Ratio Lower Upper

164 100

162 104.1 82.4 123.6

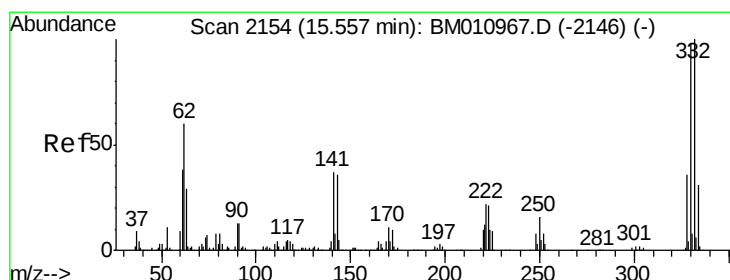
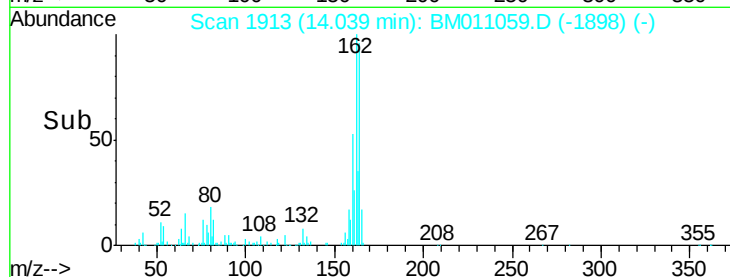
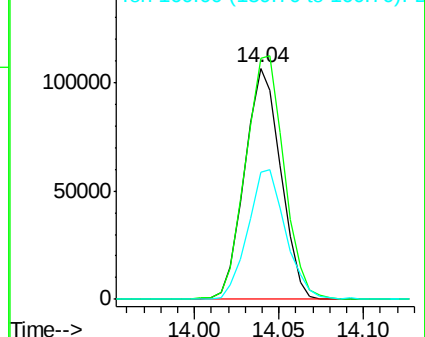
160 55.1 35.8 53.6#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 299.71 ng

RT: 15.54 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

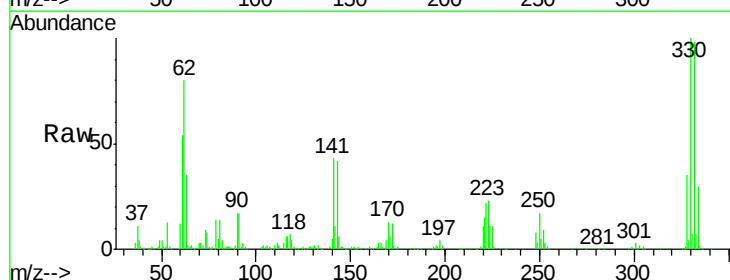
Tgt Ion:330 Resp: 761216

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

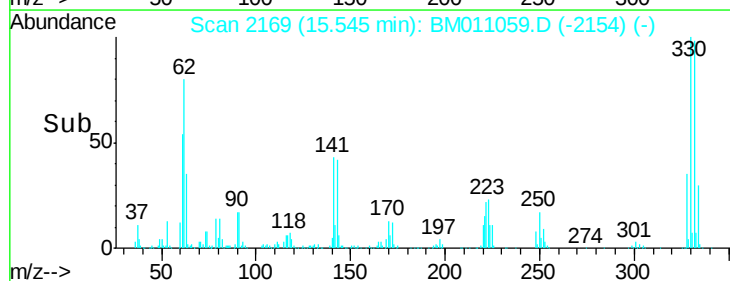
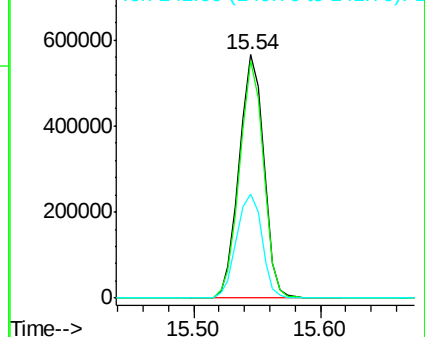
141 44.1 0.0 0.0#

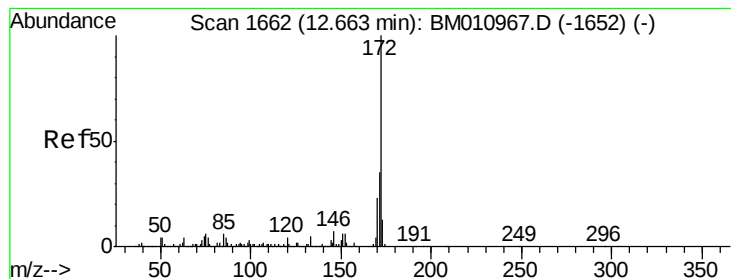


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 209.91 ng

RT: 12.65 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

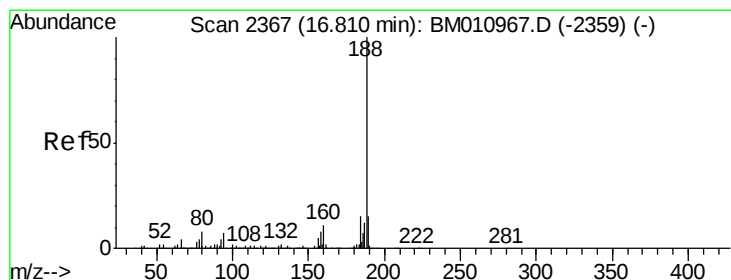
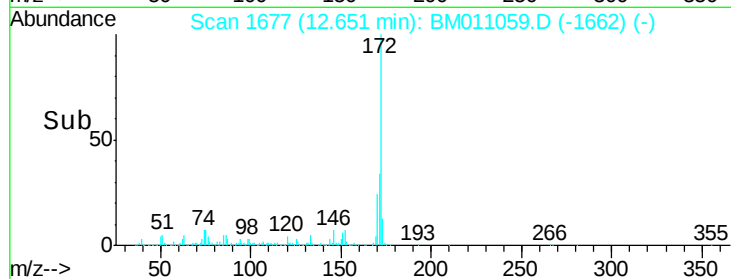
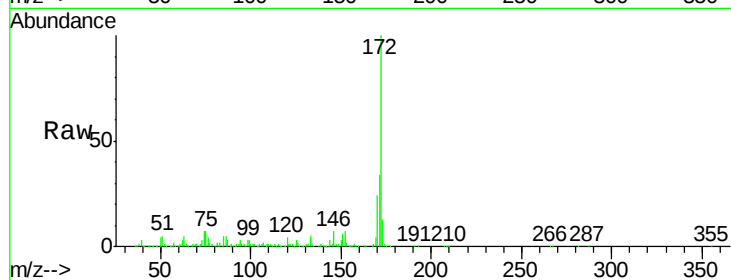
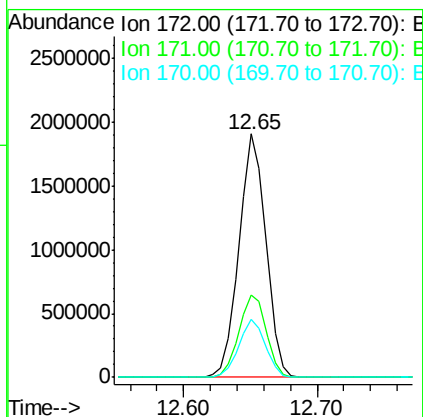
BNA_M

ClientSampleId :

EO-02-072517-BRE

Tot Ion:172 Resp: 2652374

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.5	42.7
170	23.7	18.8	28.2



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.80 min Scan# 2382

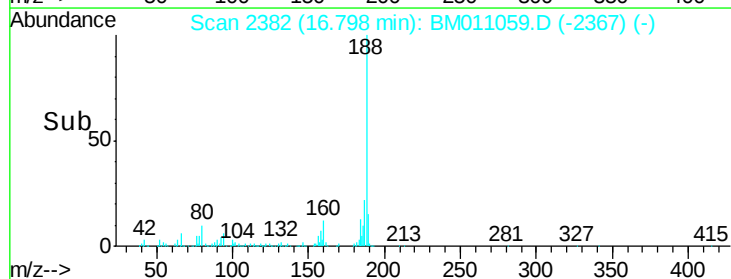
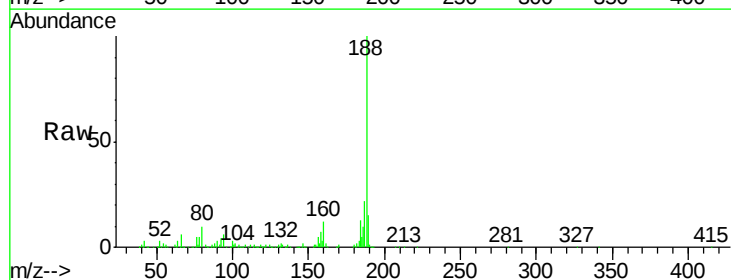
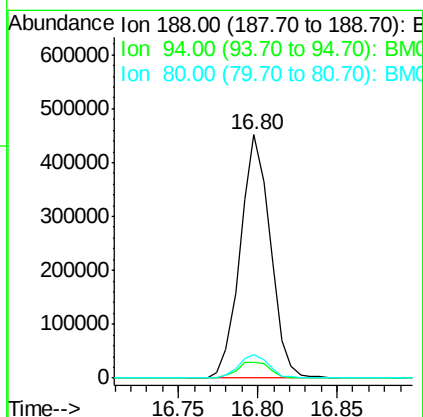
Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Tgt Ion:188 Resp: 594107

Ion	Ratio	Lower	Upper
188	100		
94	6.2	8.7	13.1#
80	9.8	9.3	13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

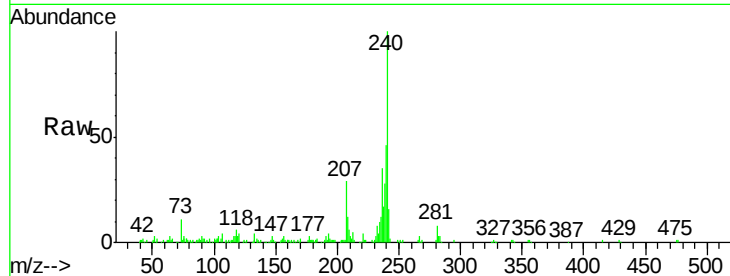
Tot Ion:240 Resp: 179235

Ion Ratio Lower Upper

240 100

120 4.0 8.2 12.2#

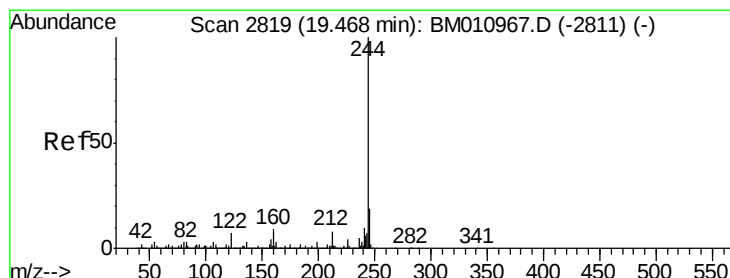
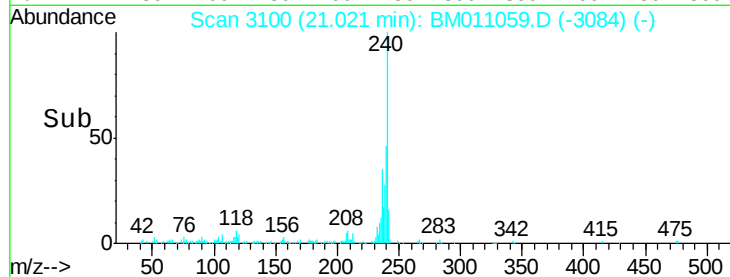
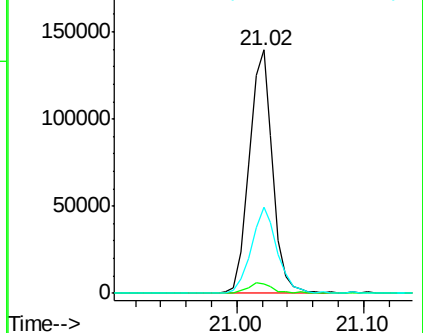
236 35.2 20.0 30.0#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 289.50 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

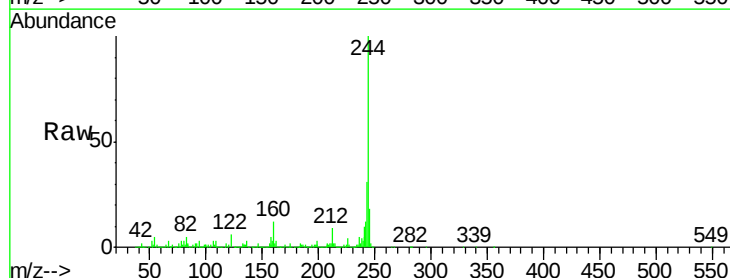
Tgt Ion:244 Resp: 2619506

Ion Ratio Lower Upper

244 100

212 9.1 4.9 7.3#

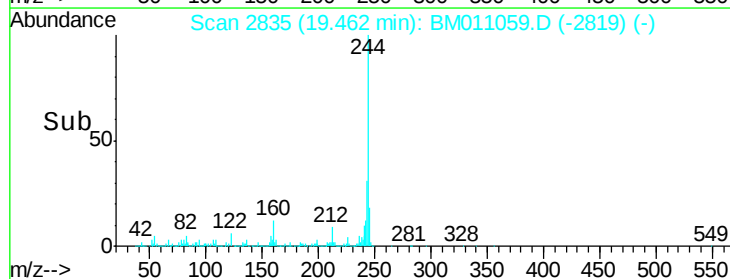
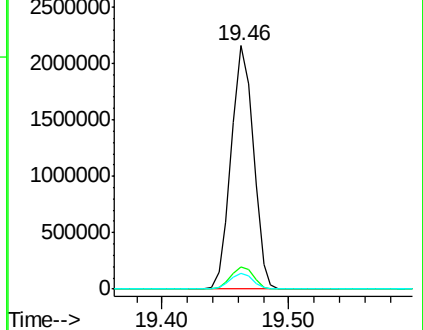
122 6.2 6.2 9.4

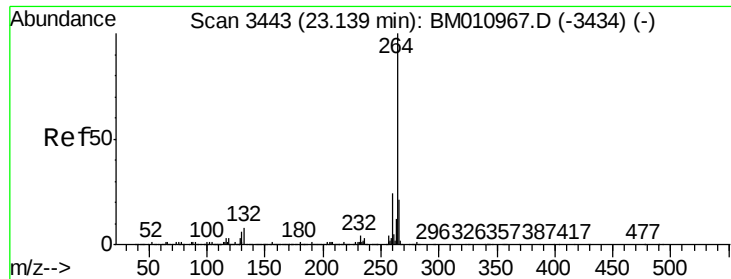


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

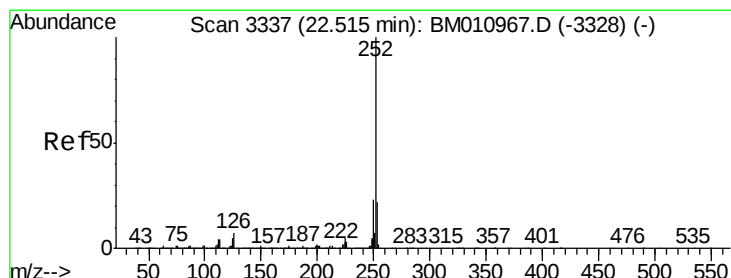
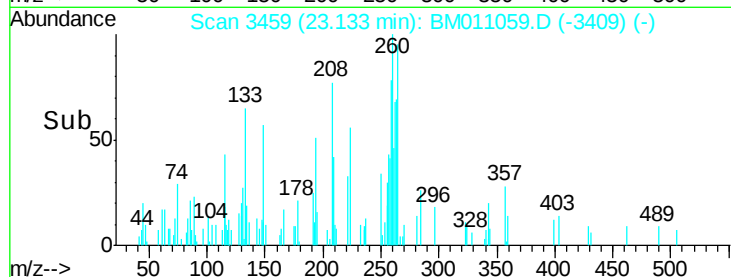
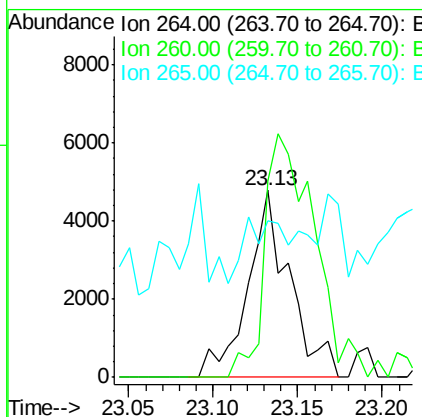
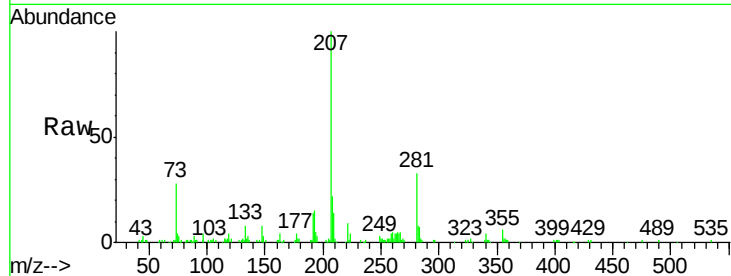




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.13 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

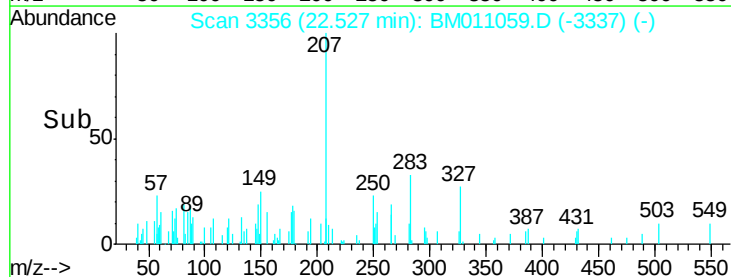
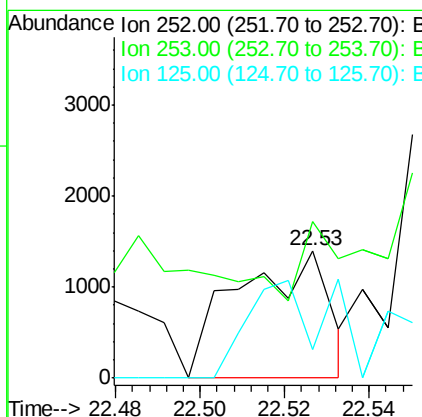
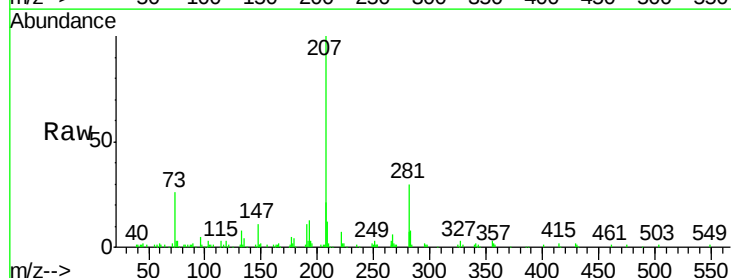
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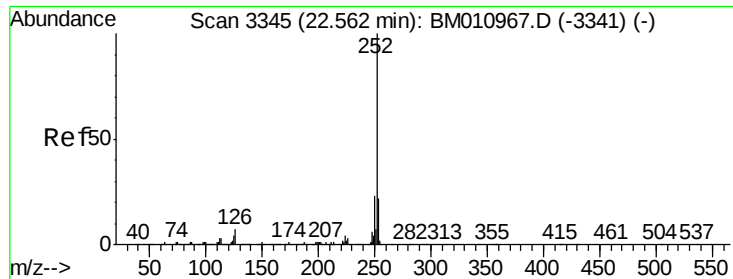
Tot Ion:264 Resp: 8231
Ion Ratio Lower Upper
264 100
260 105.1 18.6 27.8#
265 83.7 17.3 25.9#



#87
Benzo(b)fluoranthene
Concen: 3.94 ng
RT: 22.53 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM011059.D
Acq: 29 Jul 2017 01:32

Tgt Ion:252 Resp: 2083
Ion Ratio Lower Upper
252 100
253 123.0 18.0 27.0#
125 22.6 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 9.17 ng

RT: 22.55 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-BRE

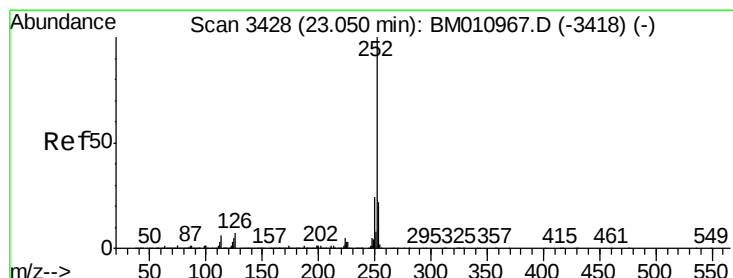
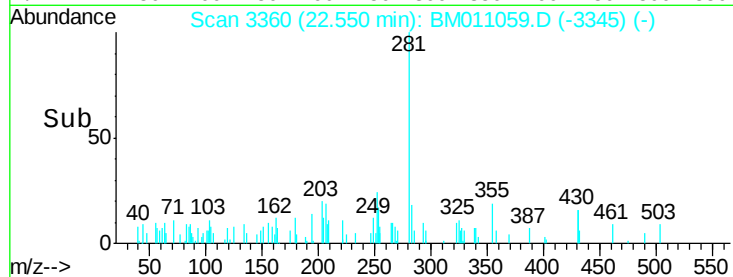
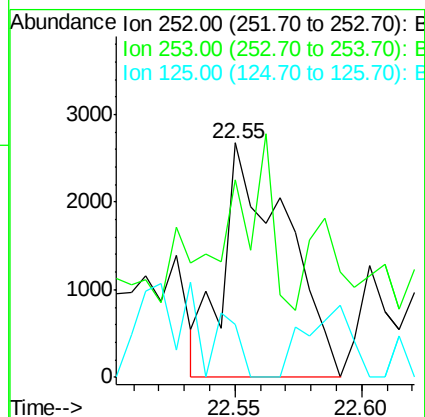
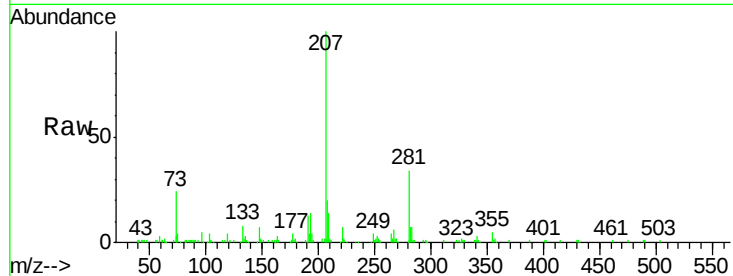
Tot Ion:252 Resp: 4642

Ion Ratio Lower Upper

252 100

253 84.4 17.2 25.8#

125 22.8 8.1 12.1#



#89

Benzo(a)pyrene

Concen: 3.83 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011059.D

Acq: 29 Jul 2017 01:32

Tgt Ion:252 Resp: 1833

Ion Ratio Lower Upper

252 100

253 47.2 17.6 26.4#

125 43.3 7.4 11.2#

