

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010170.D
 Acq On : 24 May 2017 08:34
 Operator : SJ/MA
 Sample : I3240-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC1(6-24)

Quant Time: May 24 09:06:43 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

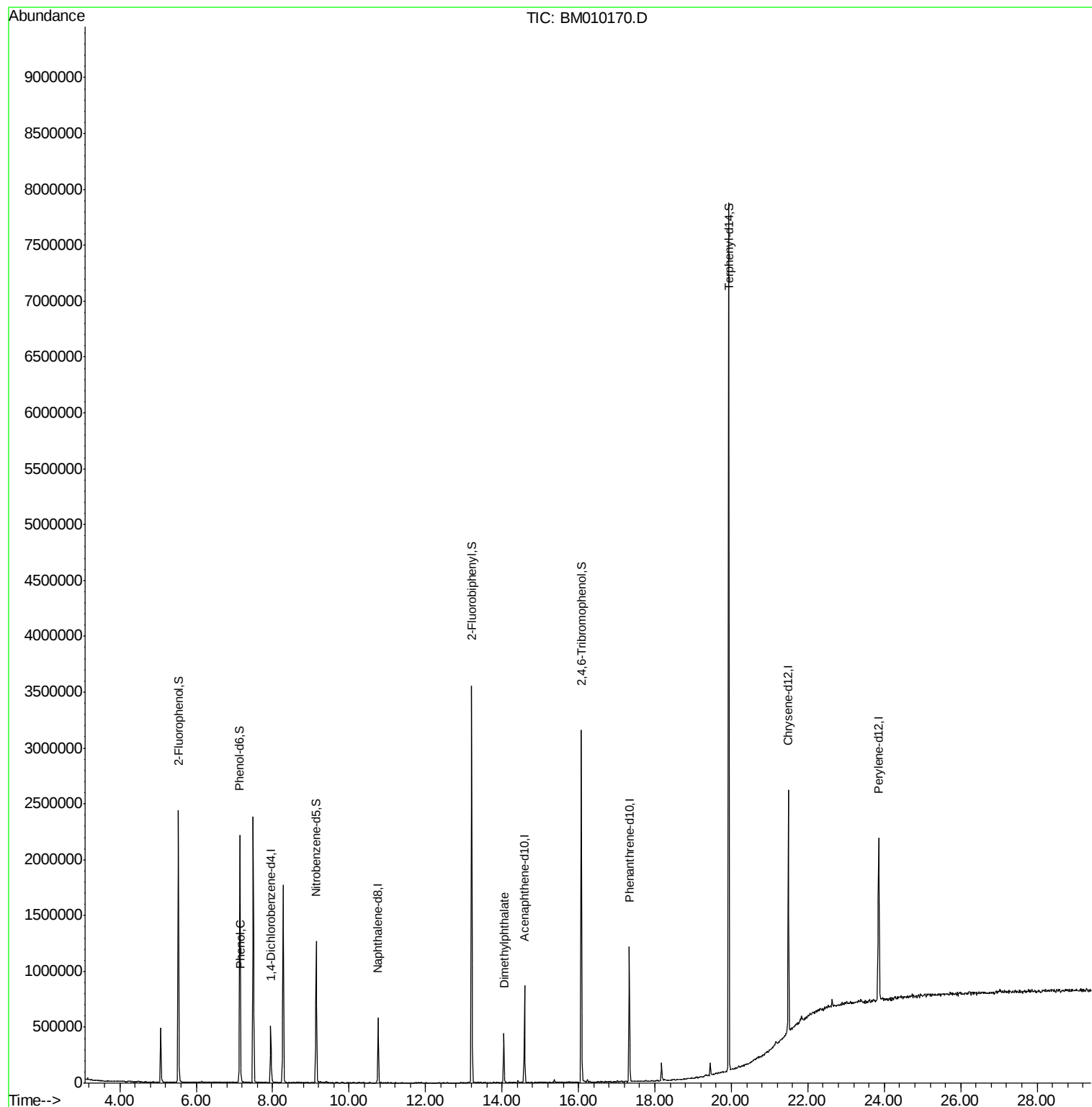
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	122612	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	432279	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	276874	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	709001	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1060211	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1196091	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	840989	123.86	ng	-0.02
7) Phenol-d6	7.14	99	1075480	123.10	ng	-0.03
23) Nitrobenzene-d5	9.14	82	703744	87.83	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	548549	130.45	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1786499	82.95	ng	-0.02
78) Terphenyl-d14	19.93	244	3280174	70.35	ng	-0.02
Target Compounds						
10) Phenol	7.16	94	25185	2.74	ng	Qvalue 85
49) Dimethylphthalate	14.04	163	247177	10.01	ng	# 99

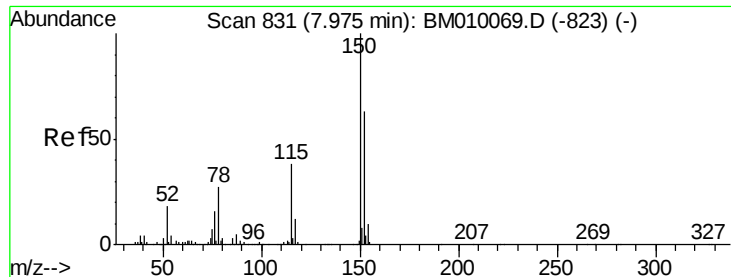
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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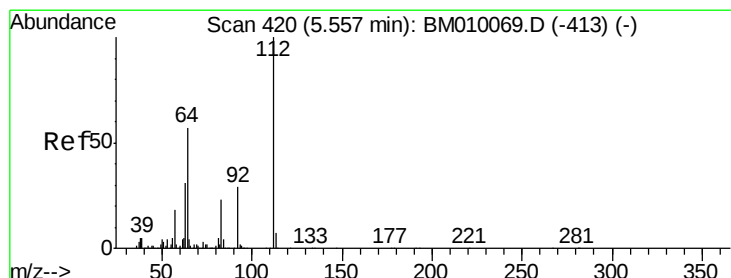
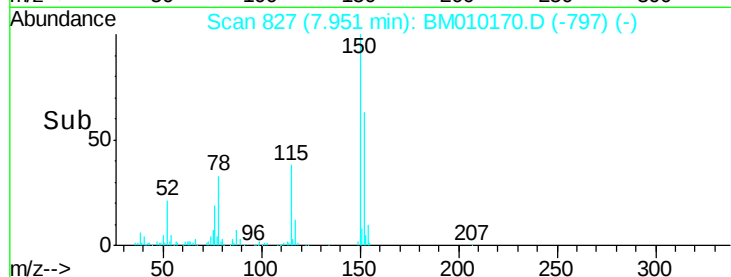
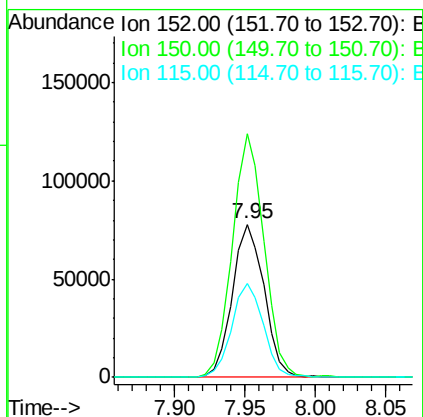
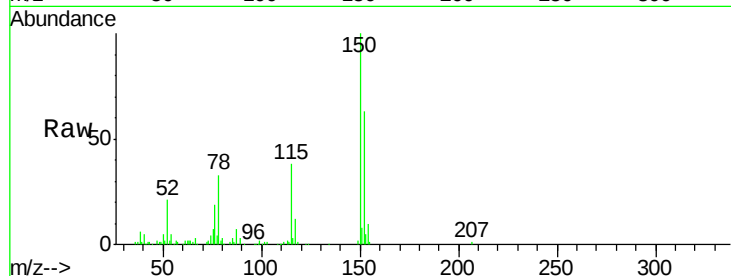


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

Instrument :
BNA_M
ClientSampleId :
EP2-WC1(6-24)

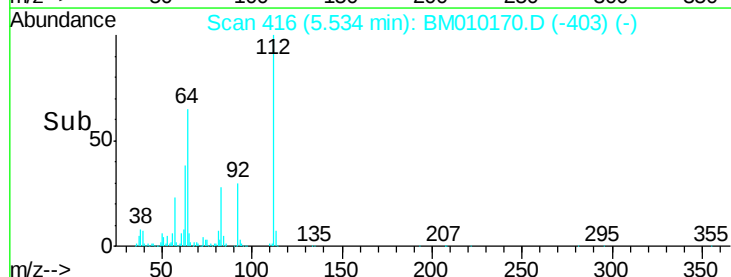
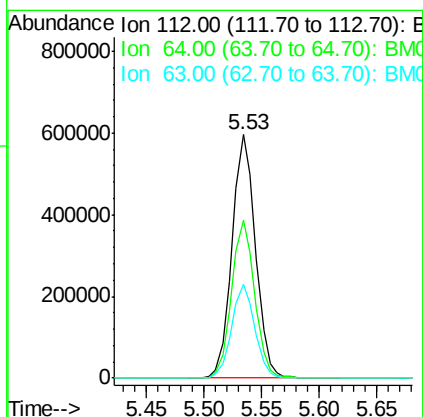
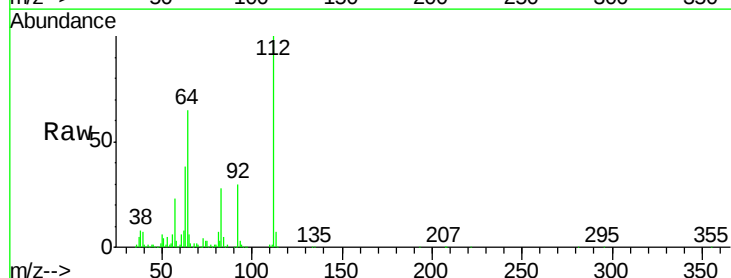
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	119.5	179.3
115	61.2	43.0	64.4

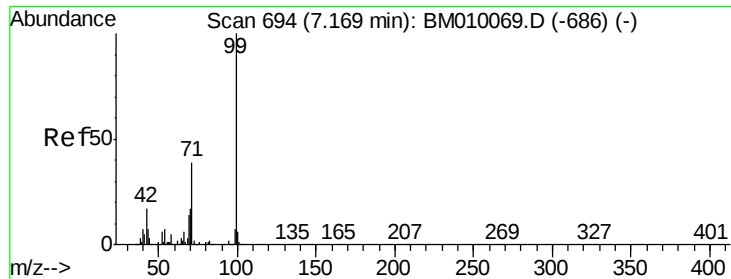


#5

2-Fluorophenol
Concen: 123.86 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	38.6	57.8#
63	38.3	19.3	28.9#





#7

Phenol-d6

Concen: 123.10 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC1(6-24)

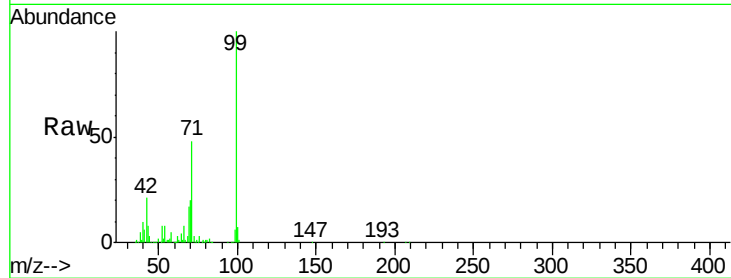
Tgt Ion: 99 Resp: 1075480

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

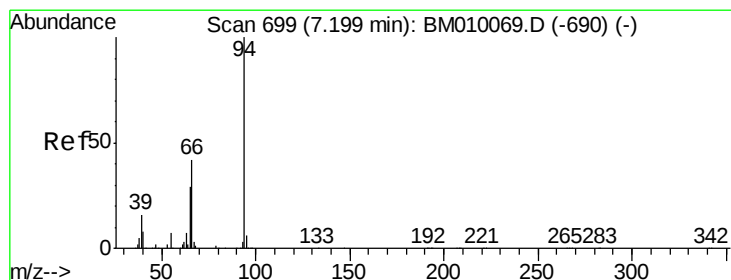
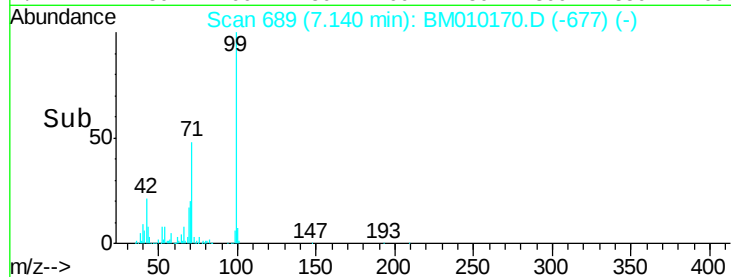
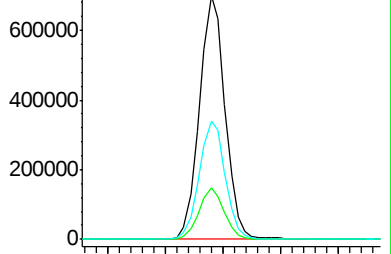
71 48.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010170.D (-677) (-)

Ion 42.00 (41.70 to 42.70): BM010170.D (-677) (-)

Ion 71.00 (70.70 to 71.70): BM010170.D (-677) (-)



#10

Phenol

Concen: 2.74 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.04 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

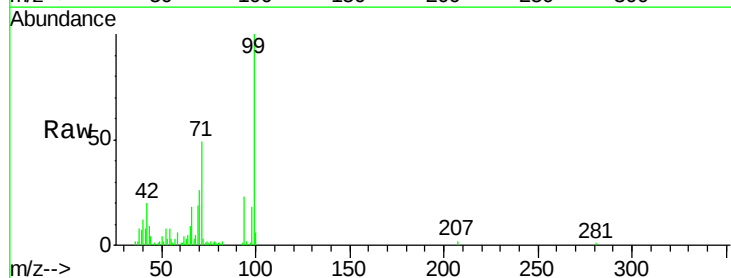
Tgt Ion: 94 Resp: 25185

Ion Ratio Lower Upper

94 100

65 39.4 18.8 58.8

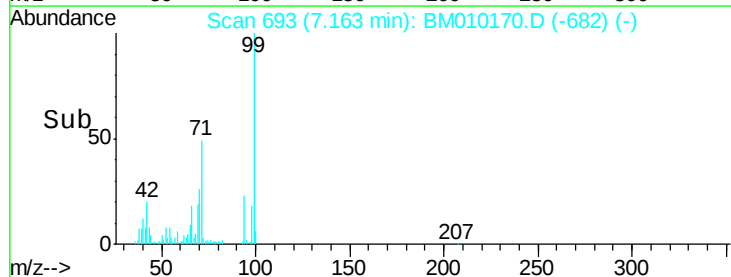
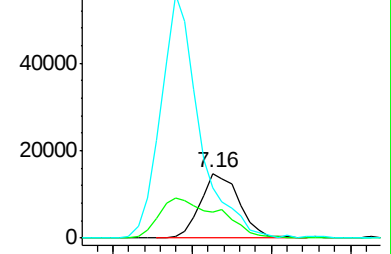
66 78.6 39.9 79.9

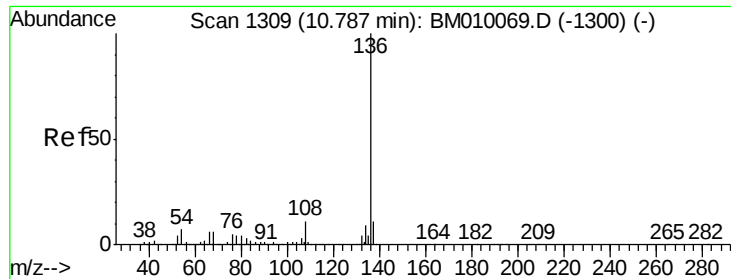


Abundance Ion 94.00 (93.70 to 94.70): BM010170.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010170.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010170.D (-682) (-)

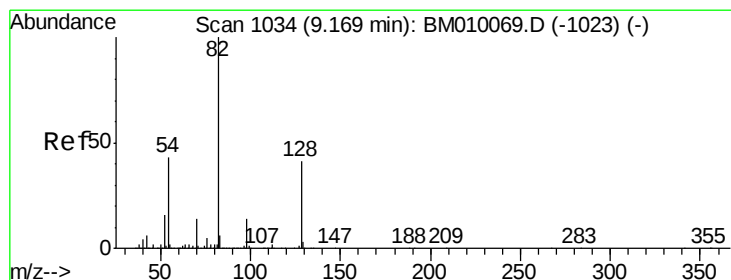
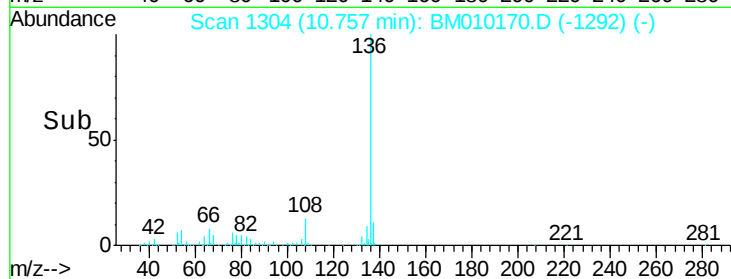
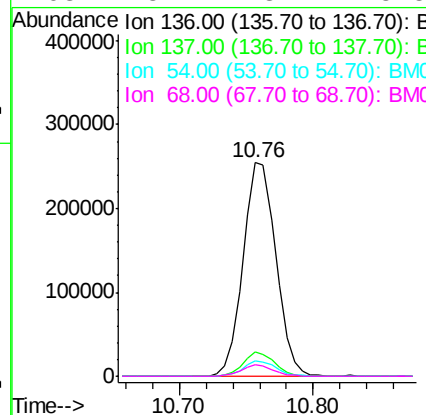
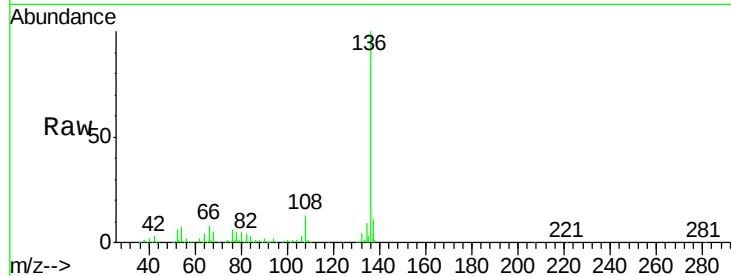




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

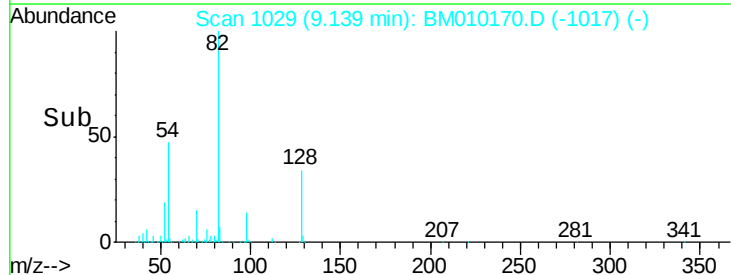
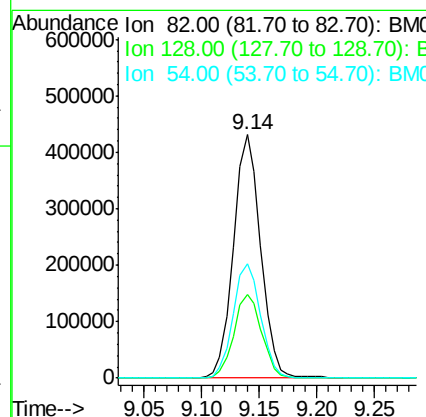
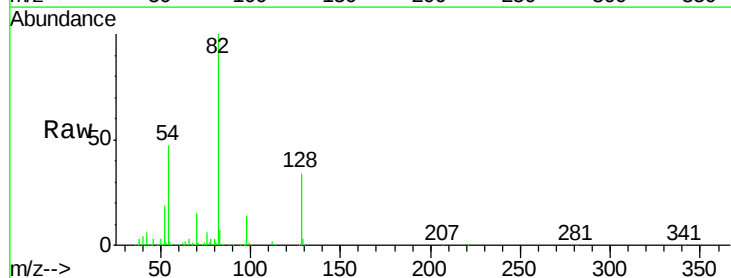
Instrument :
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ClientSampleId :
EP2-WC1(6-24)

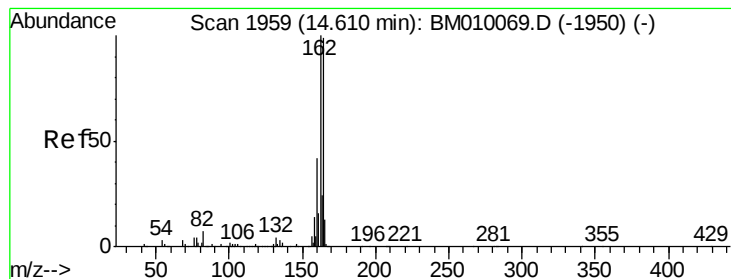
Tgt Ion:	136	Resp:	432279
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	7.2	4.6	6.8#
68	5.2	3.7	5.5



#23
Nitrobenzene-d5
Concen: 87.83 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

Tgt Ion:	82	Resp:	703744
Ion	Ratio	Lower	Upper
82	100		
128	34.2	32.8	49.2
54	46.8	40.6	60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC1(6-24)

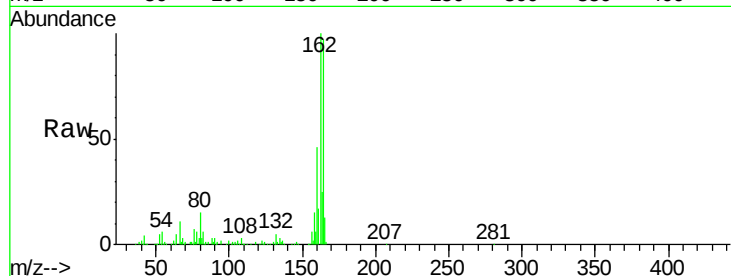
Tgt Ion:164 Resp: 276874

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

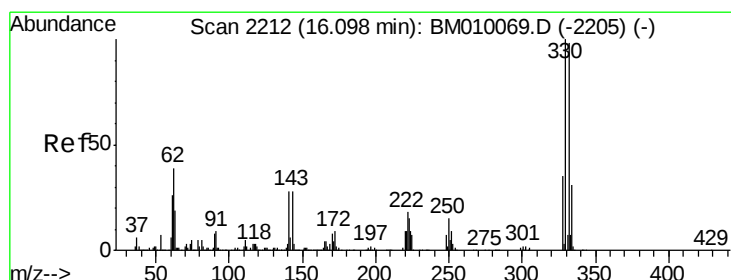
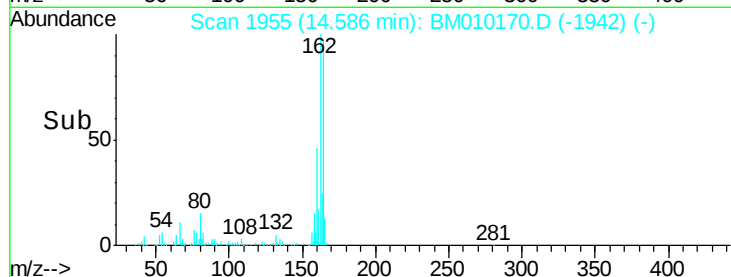
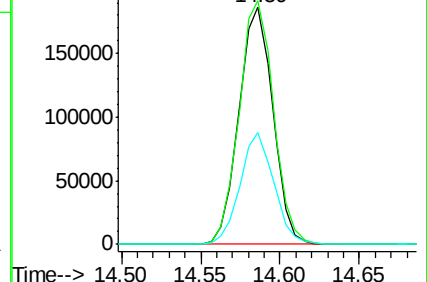
160 47.1 35.8 53.6



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: 130.45 ng

RT: 16.07 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

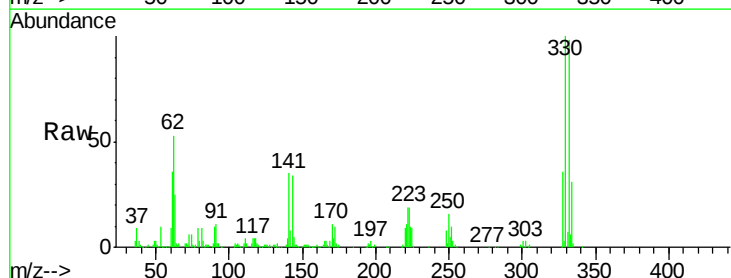
Tgt Ion:330 Resp: 548549

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

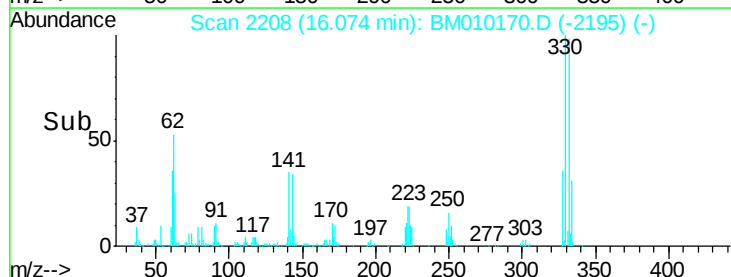
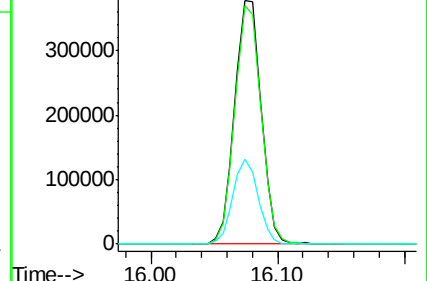
141 33.3 0.0 0.0#

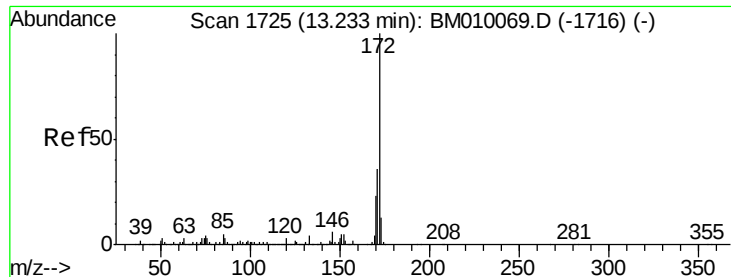


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

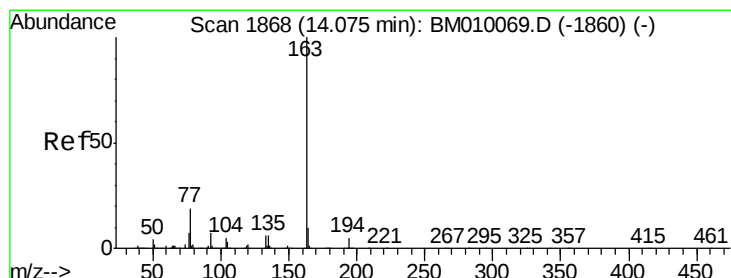
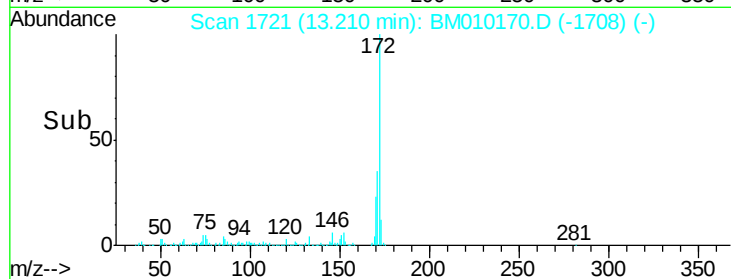
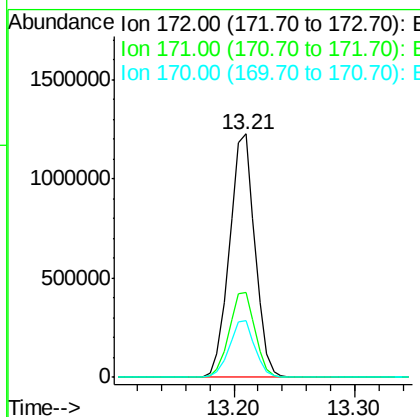
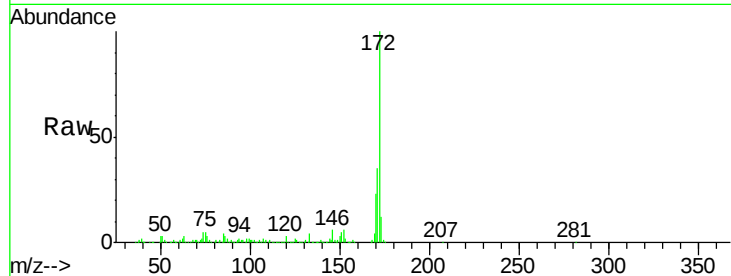




#44
2-Fluorobiphenyl
Concen: 82.95 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

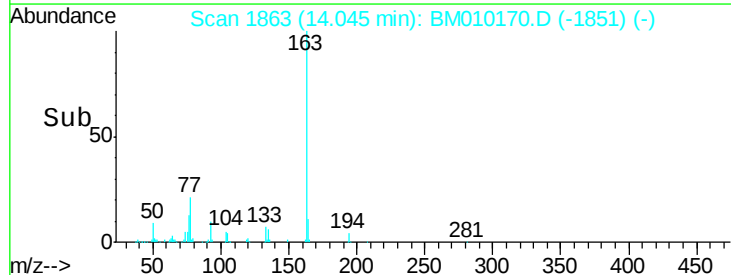
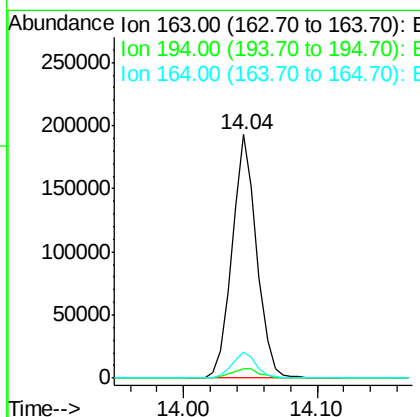
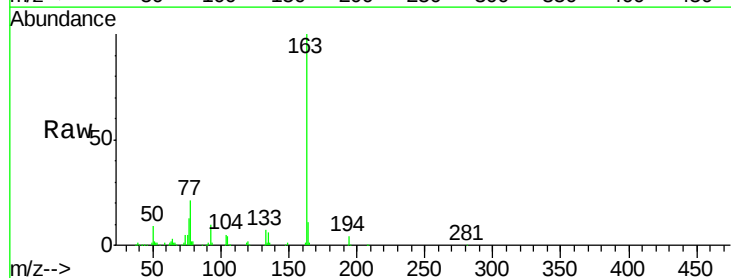
Instrument :
BNA_M
ClientSampleId :
EP2-WC1(6-24)

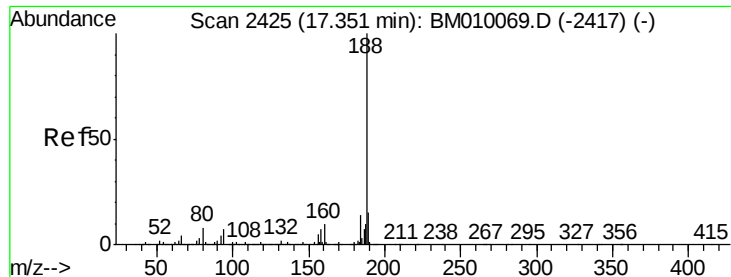
Tgt Ion:172 Resp: 1786499
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.1 18.8 28.2



#49
Dimethylphthalate
Concen: 10.01 ng
RT: 14.04 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BM010170.D
Acq: 24 May 2017 08:34

Tgt Ion:163 Resp: 247177
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.33 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

Instrument :

BNA_M

ClientSampleId :

EP2-WC1(6-24)

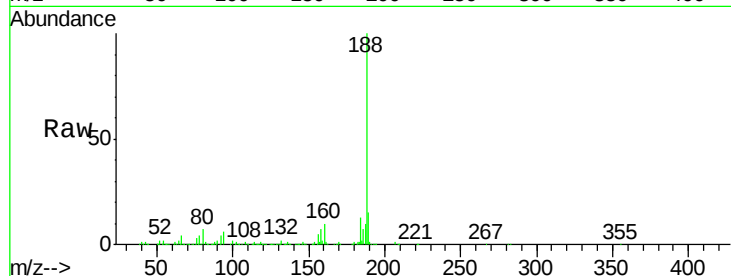
Tgt Ion:188 Resp: 709001

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

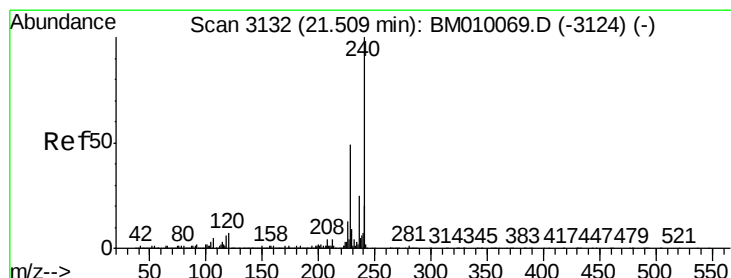
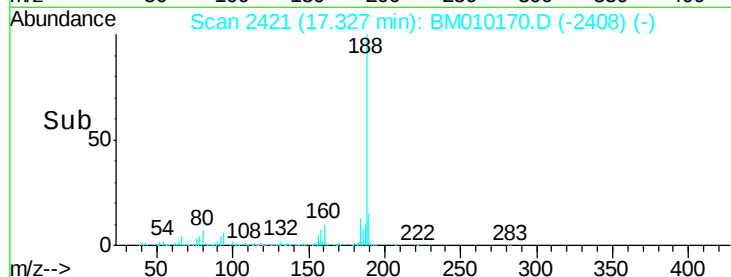
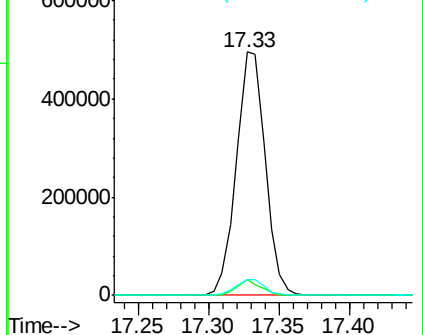
80 6.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

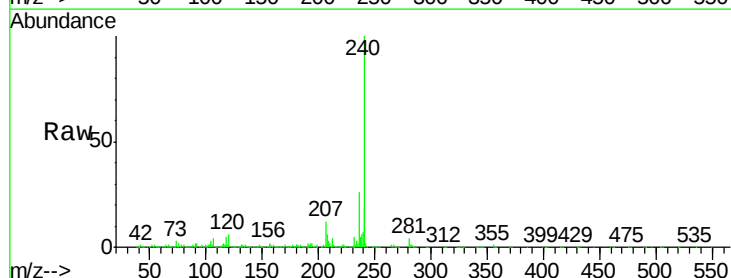
Tgt Ion:240 Resp: 1060211

Ion Ratio Lower Upper

240 100

120 5.9 8.2 12.2#

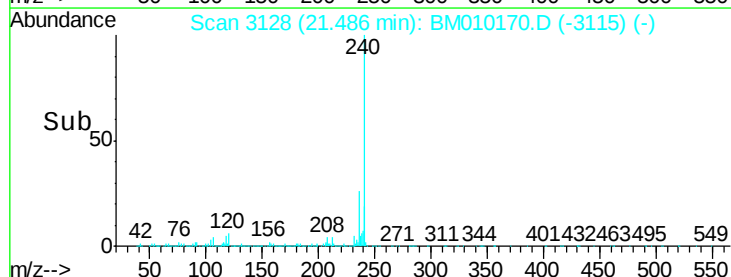
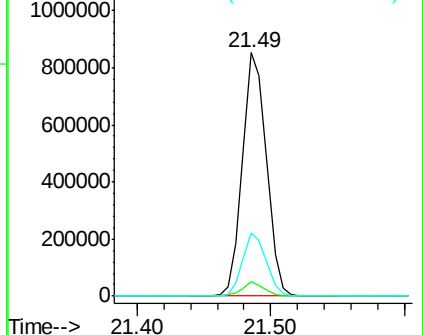
236 25.9 20.0 30.0

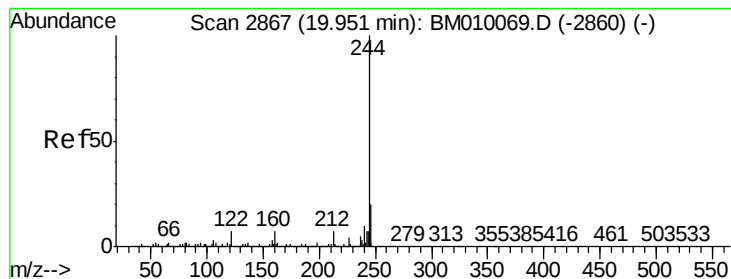


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.35 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

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EP2-WC1(6-24)

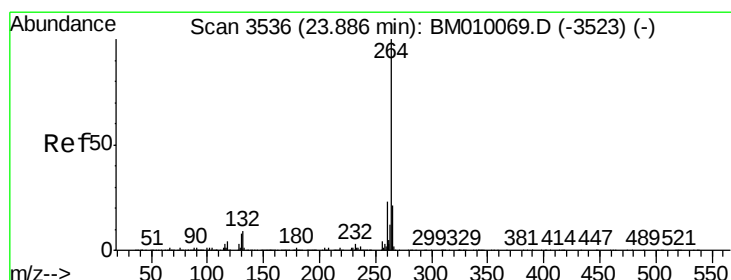
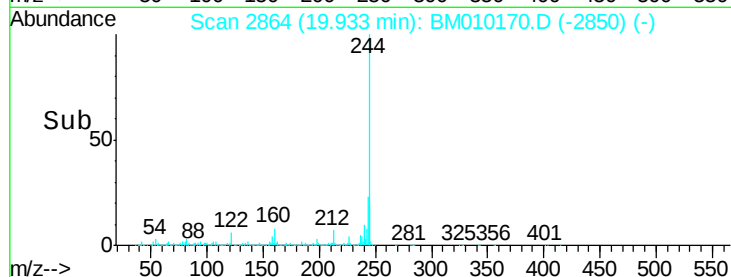
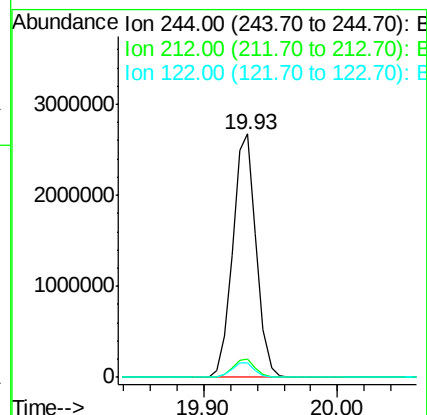
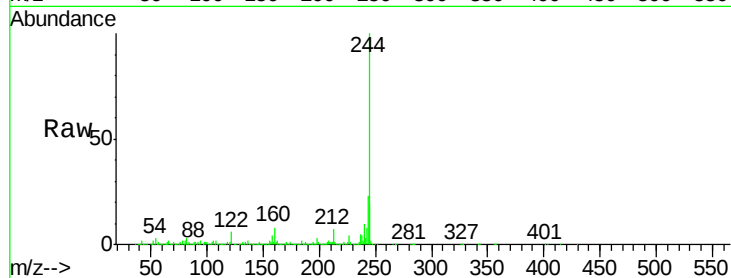
Tgt Ion:244 Resp: 3280174

Ion Ratio Lower Upper

244 100

212 7.5 4.9 7.3#

122 6.0 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.85 min Scan# 3530

Delta R.T. -0.04 min

Lab File: BM010170.D

Acq: 24 May 2017 08:34

Tgt Ion:264 Resp: 1196091

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.3 17.3 25.9

