

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010197.D
 Acq On : 25 May 2017 02:26
 Operator : SJ/MA
 Sample : I3214-22
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(10-24)

Quant Time: May 25 07:25:26 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	131681	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	426777	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	253981	20.00	ng	-0.03
63) Phenanthrene-d10	17.33	188	592419	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	895535	20.00	ng	-0.02
86) Perylene-d12	23.84	264	775731	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1061223	145.53	ng	-0.02
7) Phenol-d6	7.14	99	1169435	124.63	ng	-0.03
23) Nitrobenzene-d5	9.13	82	898855	113.63	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	586073	151.93	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2233541	113.05	ng	-0.03
78) Terphenyl-d14	19.93	244	3646746	92.59	ng	-0.02

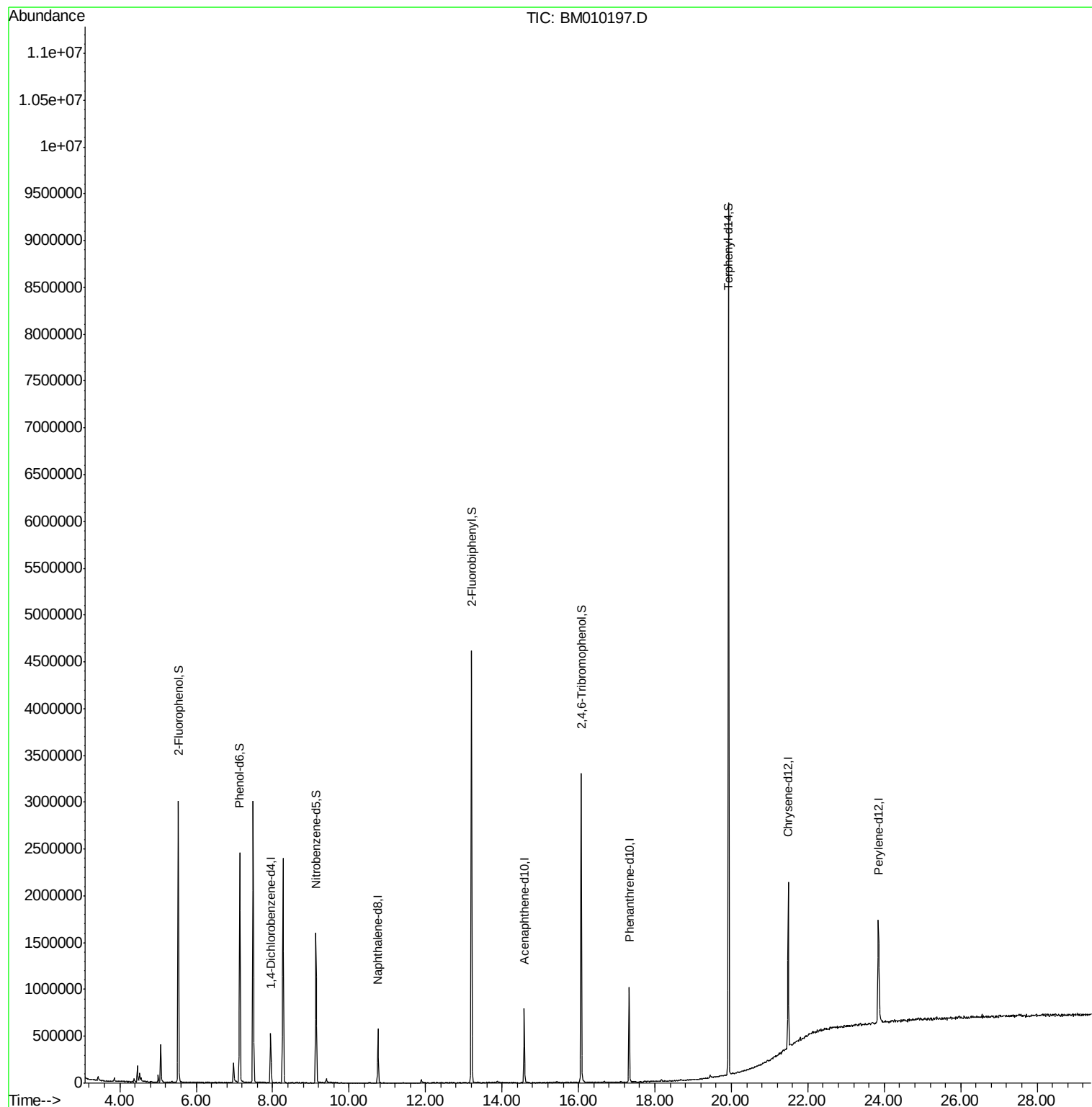
Target Compounds Qvalue

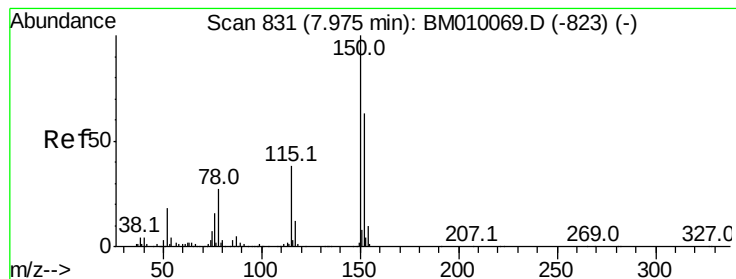
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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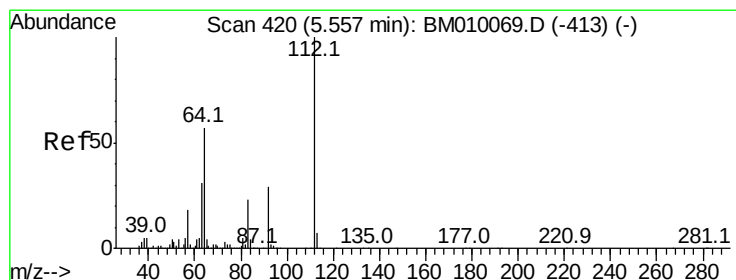
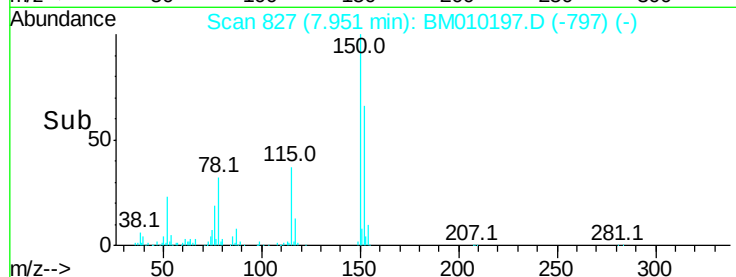
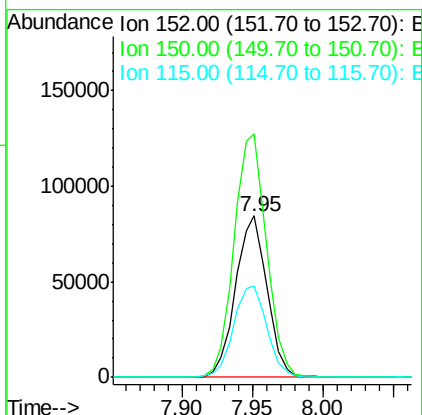
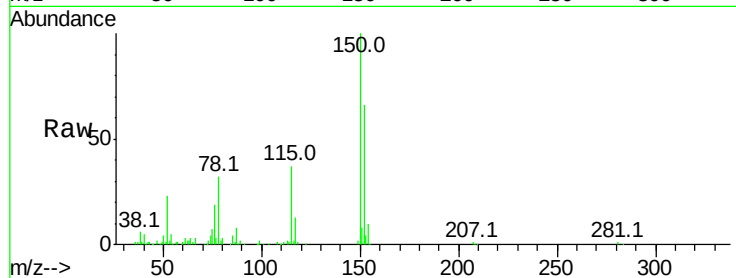


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Instrument :
BNA_M
ClientSampleId :
EP2-WC5(10-24)

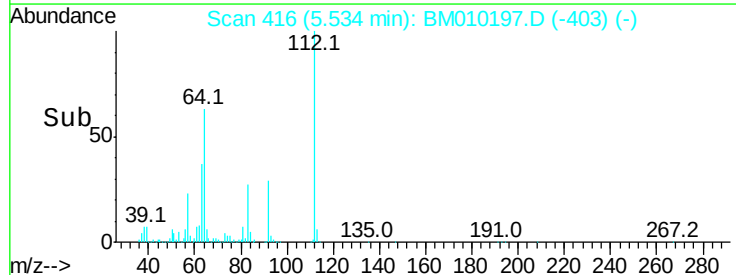
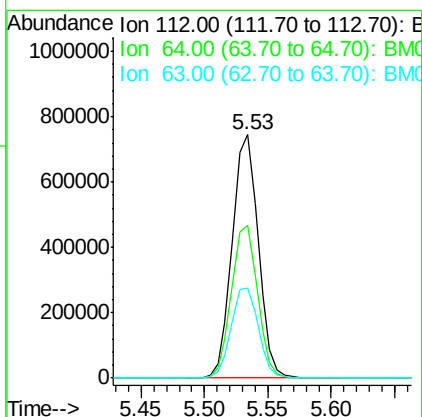
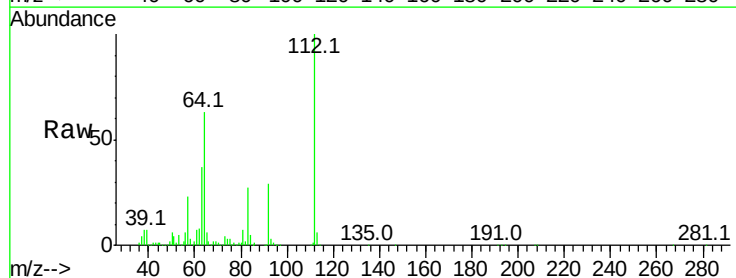
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.5	179.3
115	56.5	43.0	64.4

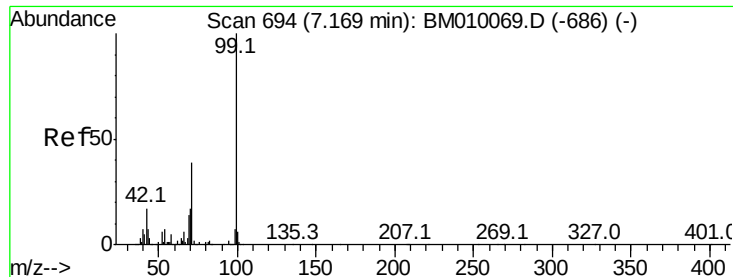


#5

2-Fluorophenol
Concen: 145.53 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	38.6	57.8#
63	37.0	19.3	28.9#





#7

Phenol-d6

Concen: 124.63 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(10-24)

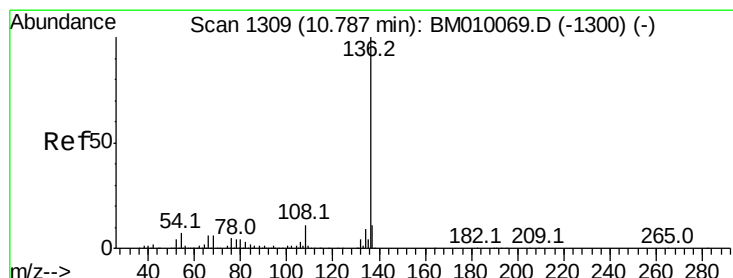
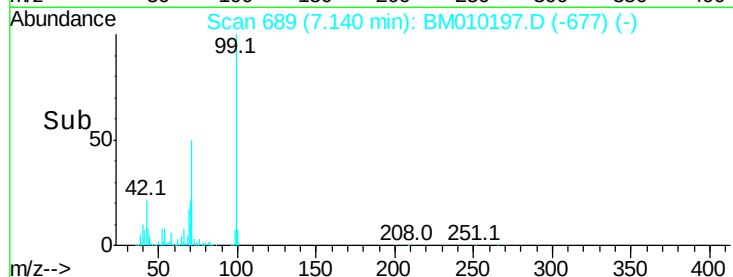
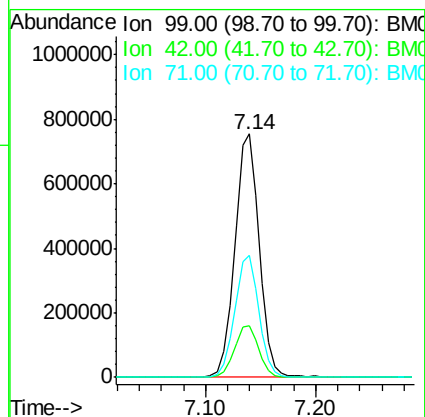
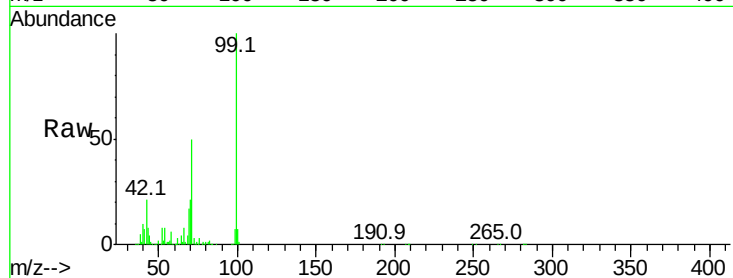
Tot Ion: 99 Resp: 1169435

Ion Ratio Lower Upper

99 100

42 21.4 11.0 16.4#

71 49.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1304

Delta R.T. -0.03 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Tgt Ion: 136 Resp: 426777

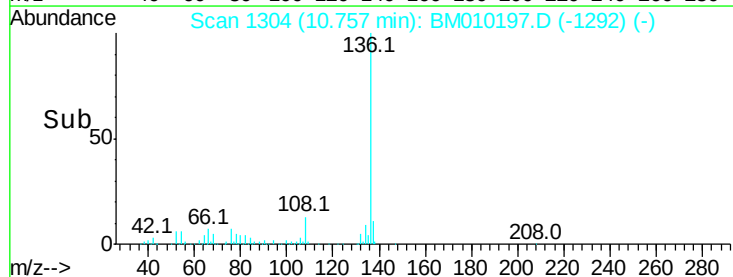
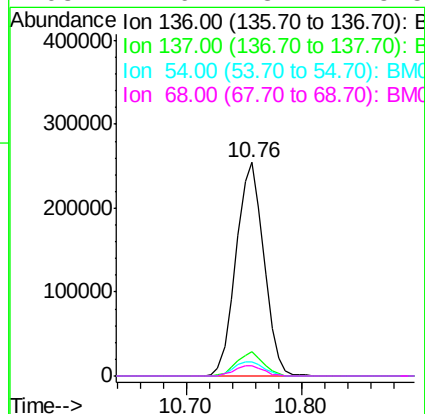
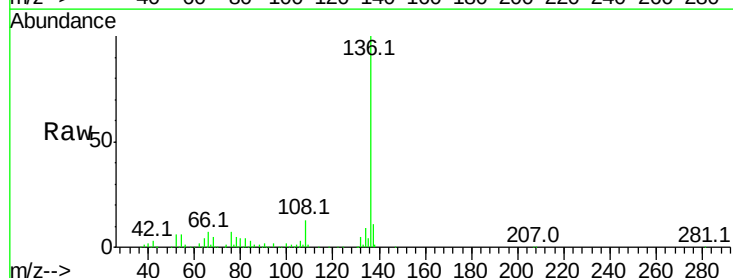
Ion Ratio Lower Upper

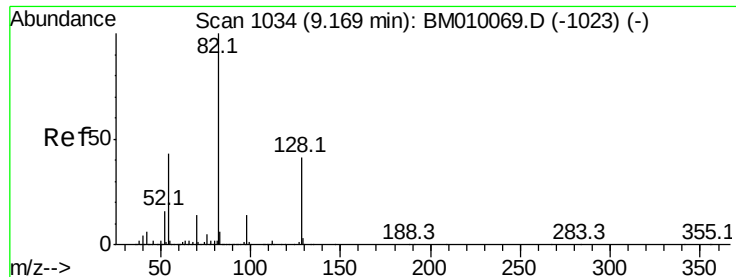
136 100

137 11.2 8.7 13.1

54 6.5 4.6 6.8

68 4.6 3.7 5.5

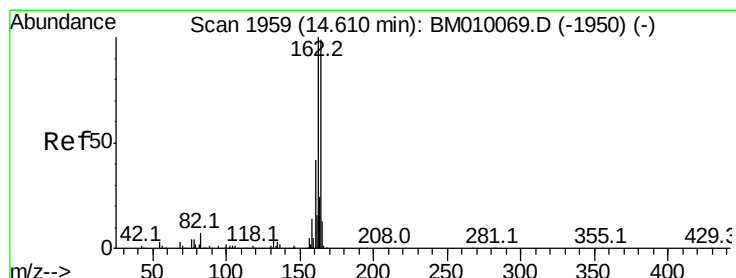
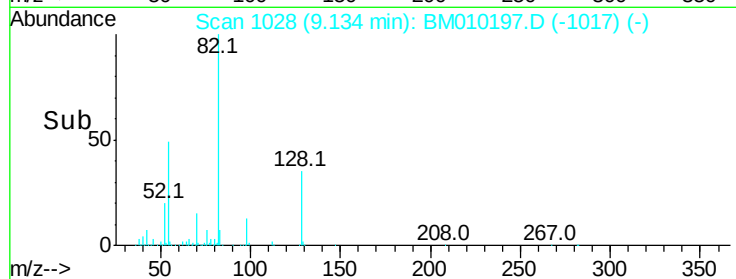
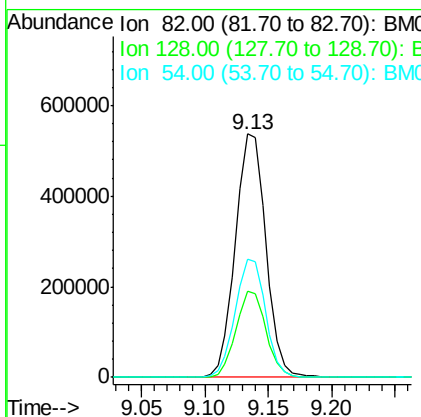
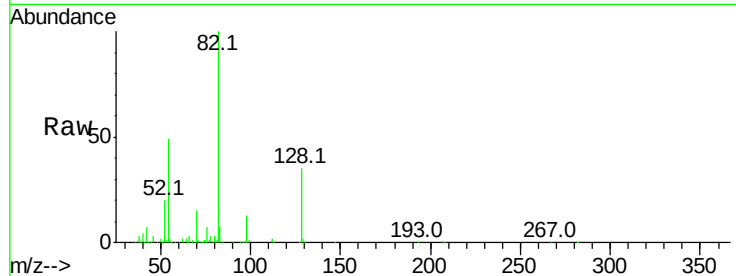




#23
 Nitrobenzene-d5
 Concen: 113.63 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

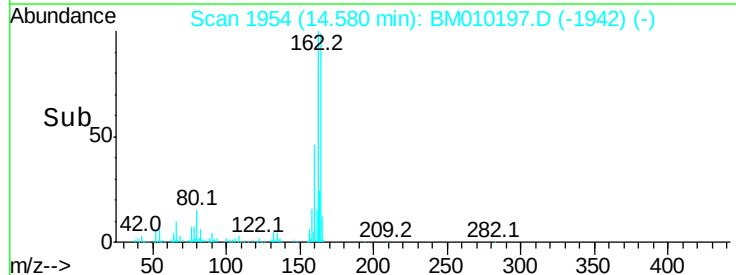
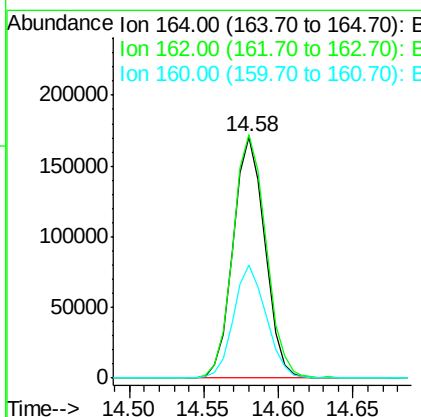
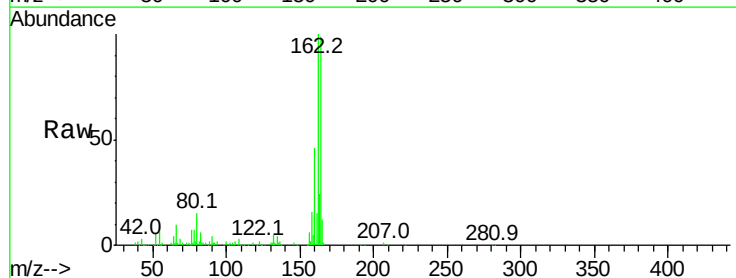
Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(10-24)

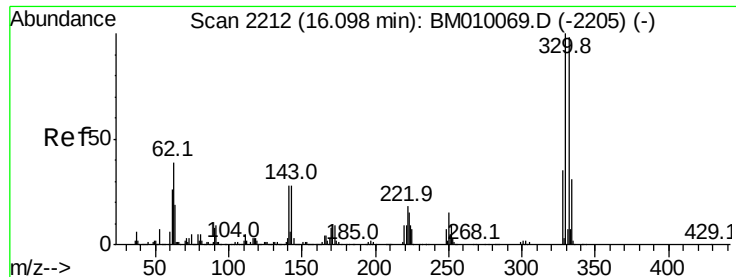
Tot Ion	82	Resp	898855
Ion	Ratio	Lower	Upper
82	100		
128	35.2	32.8	49.2
54	48.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

Tgt Ion	164	Resp	253981
Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.4	123.6
160	46.7	35.8	53.6

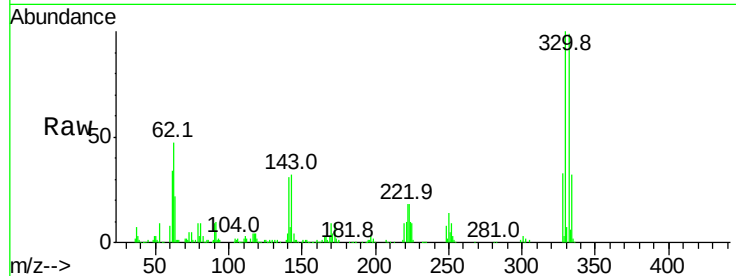




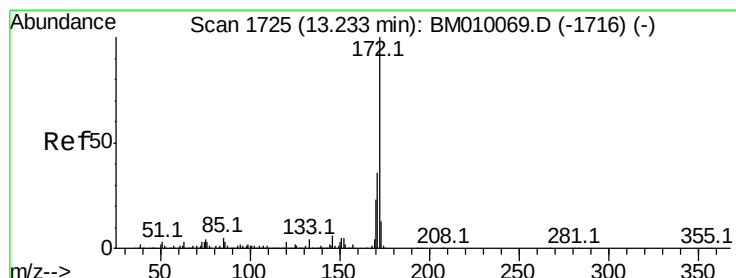
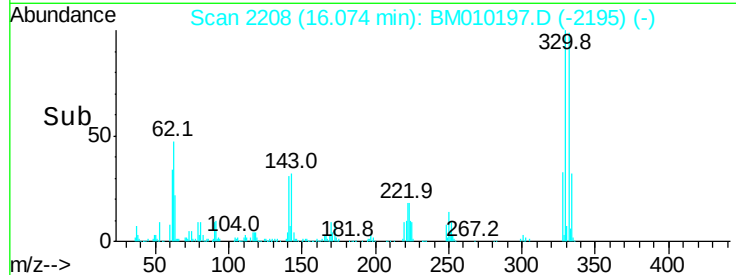
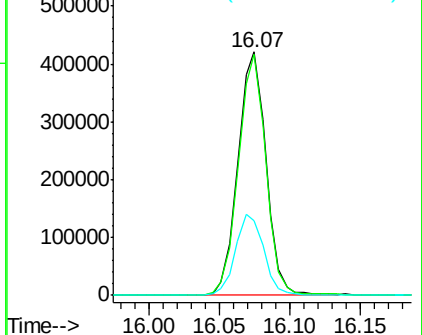
#41
 2,4,6-Tribromophenol
 Concen: 151.93 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

Instrument :
 BNA_M
 ClientSampleId :
 EP2-WC5(10-24)

Tot Ion:330 Resp: 586073
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 33.6 0.0 0.0#

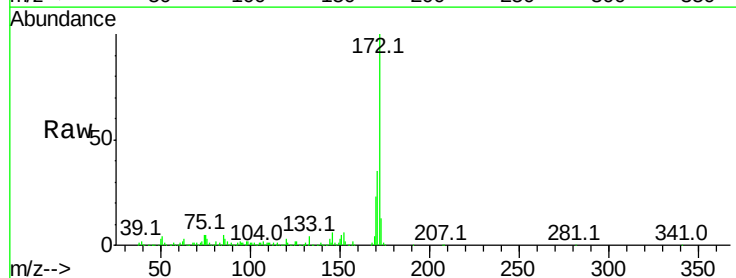


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

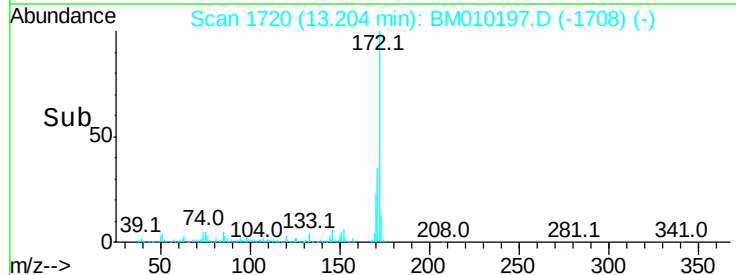
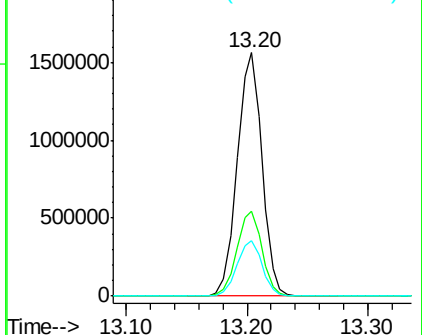


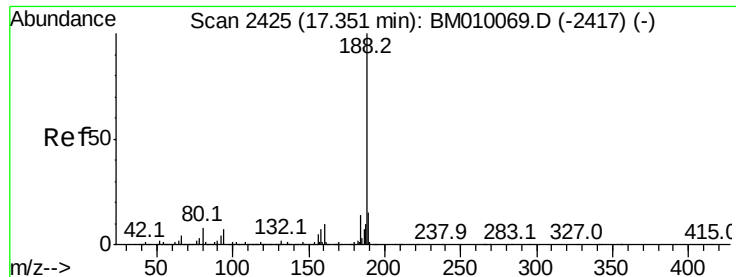
#44
 2-Fluorobiphenyl
 Concen: 113.05 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010197.D
 Acq: 25 May 2017 02:26

Tgt Ion:172 Resp: 2233541
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 22.6 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

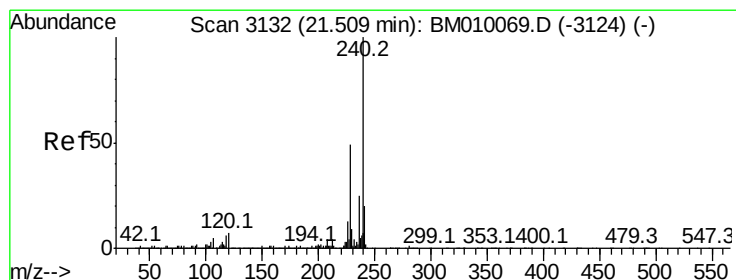
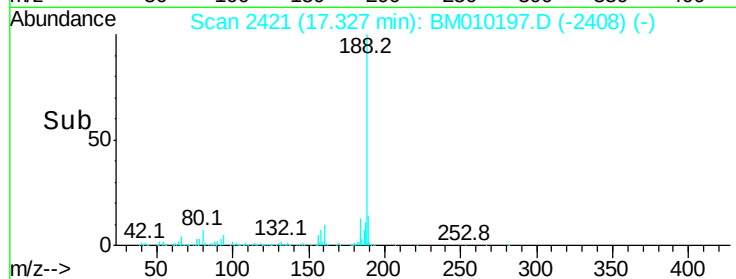
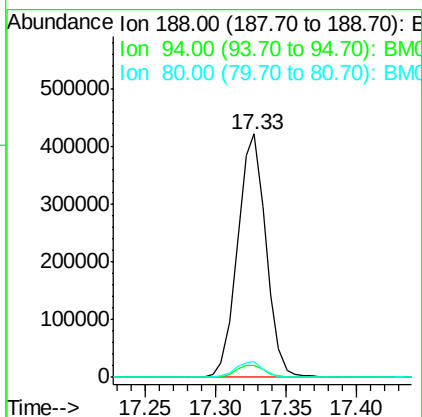
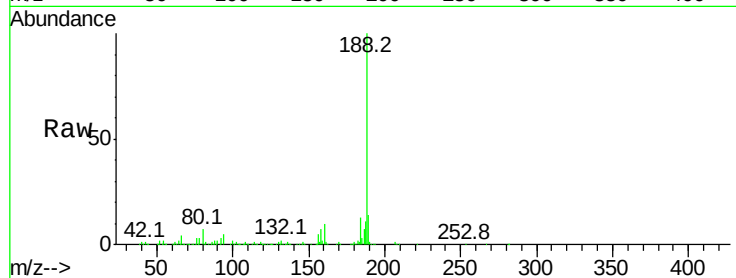




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

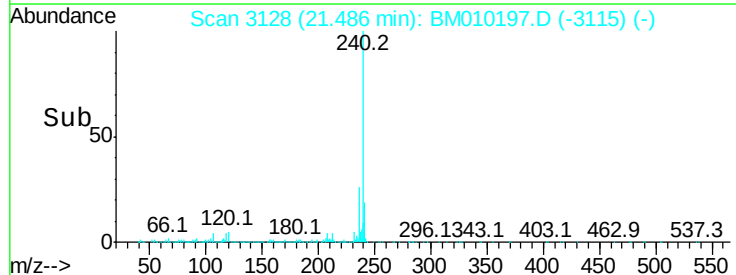
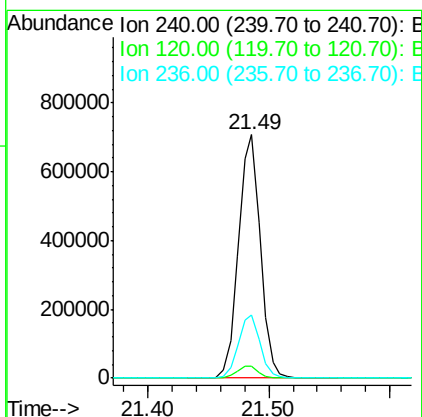
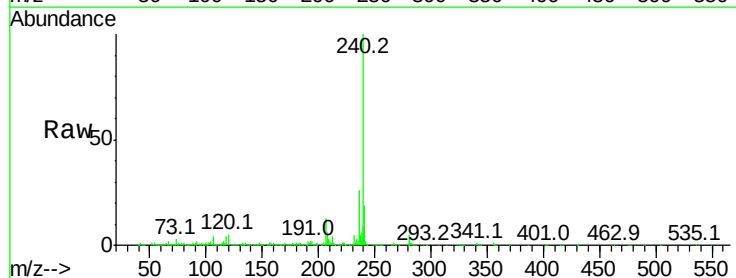
Instrument :
BNA_M
ClientSampleId :
EP2-WC5(10-24)

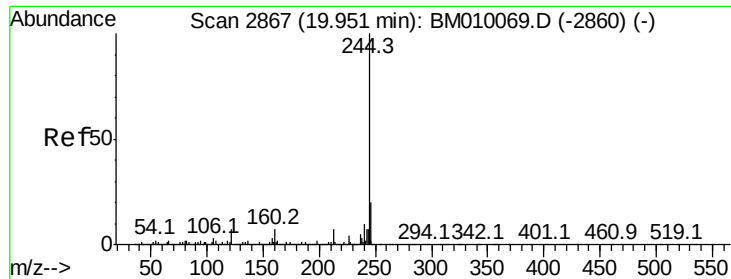
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	8.7	13.1#
80	6.6	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010197.D
Acq: 25 May 2017 02:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.9	8.2	12.2#
236	26.0	20.0	30.0





#78

Terphenyl-d14

Concen: 92.59 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Instrument :

BNA_M

ClientSampleId :

EP2-WC5(10-24)

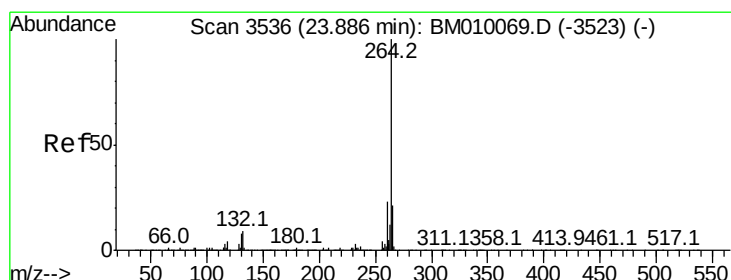
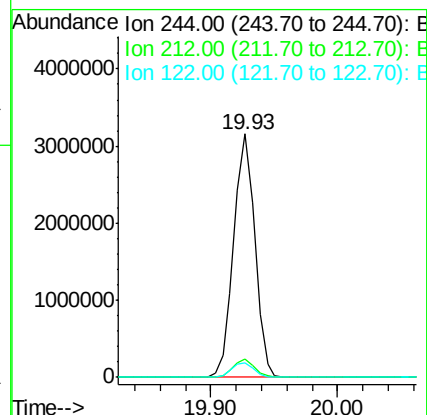
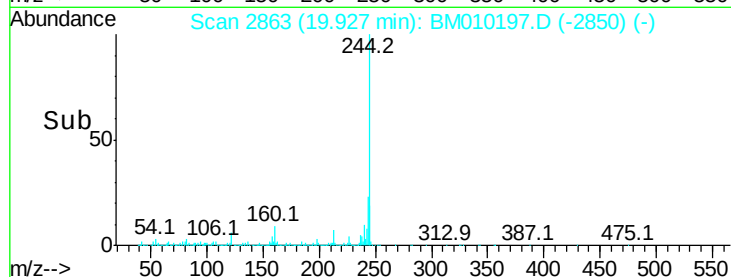
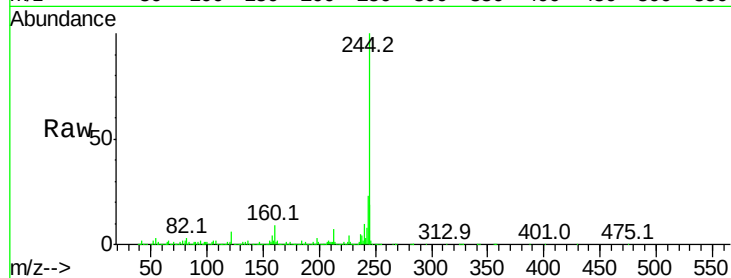
Tot Ion:244 Resp: 3646746

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

122 6.2 6.2 9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010197.D

Acq: 25 May 2017 02:26

Tgt Ion:264 Resp: 775731

Ion Ratio Lower Upper

264 100

260 26.0 18.6 27.8

265 22.3 17.3 25.9

