

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010204.D
 Acq On : 25 May 2017 06:38
 Operator : SJ/MA
 Sample : I3215-26
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC4(0-9.5)

Quant Time: May 25 08:45:39 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

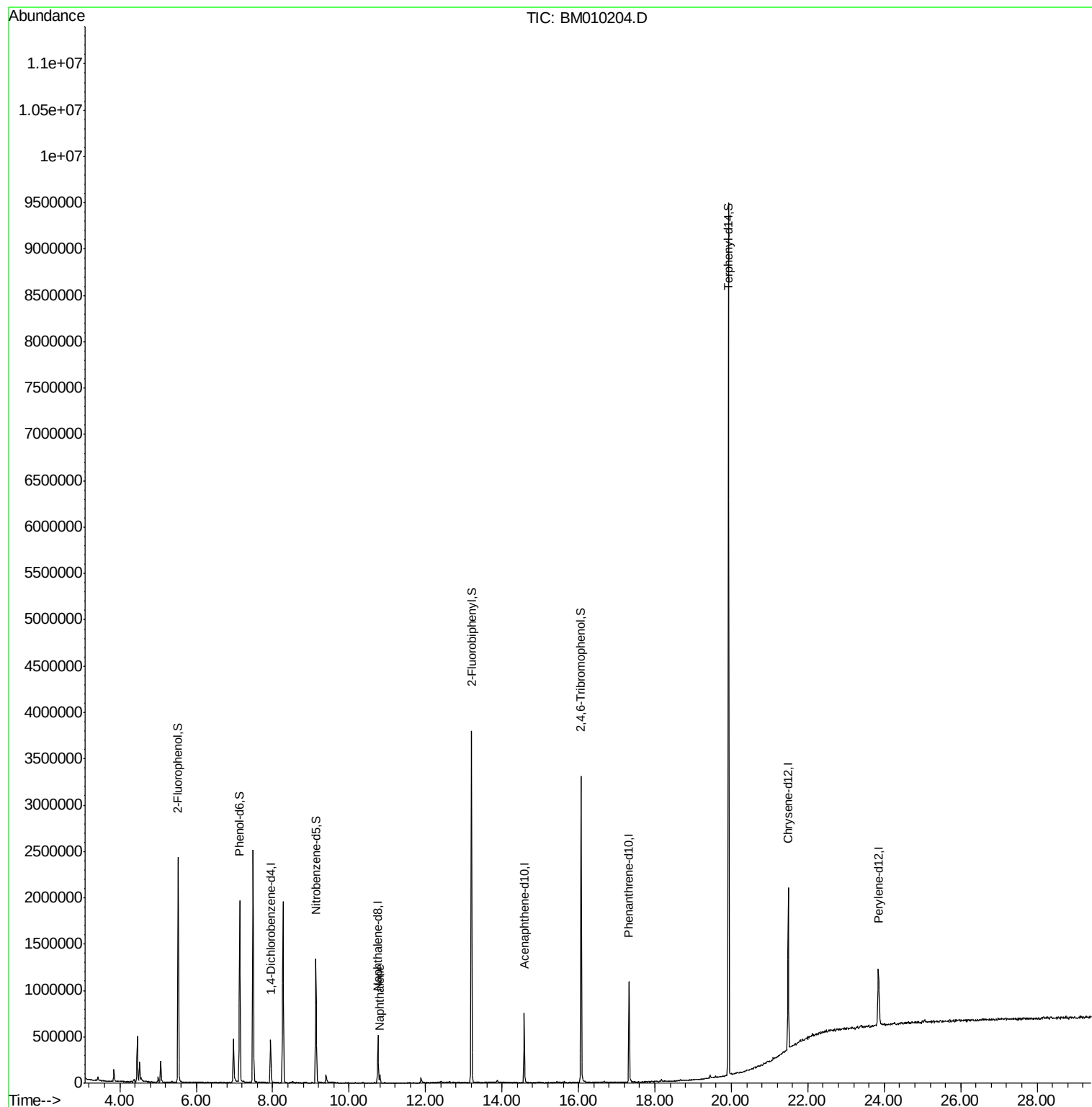
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	112271	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	377738	20.00	ng	-0.03
38) Acenaphthene-d10	14.58	164	221814	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	635085	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	848746	20.00	ng	-0.02
86) Perylene-d12	23.84	264	358069	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	848309	136.45	ng	-0.03
7) Phenol-d6	7.13	99	921269	115.16	ng	-0.04
23) Nitrobenzene-d5	9.13	82	732559	104.63	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	549687	163.17	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1845832	106.98	ng	-0.03
78) Terphenyl-d14	19.93	244	3706108	99.29	ng	-0.02
Target Compounds						
31) Naphthalene	10.80	128	62294	3.08	ng	Qvalue 99

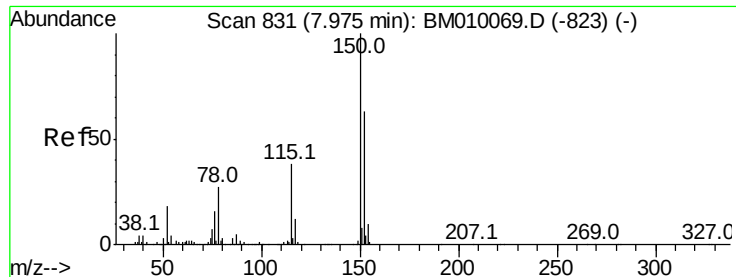
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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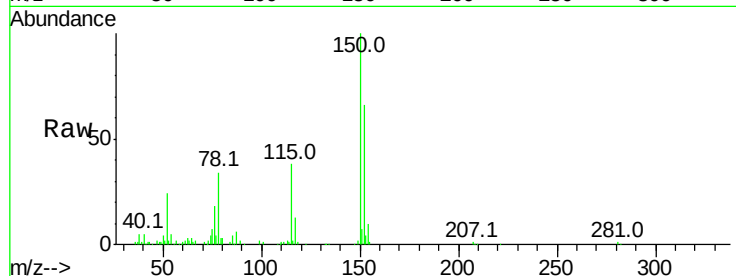


#1

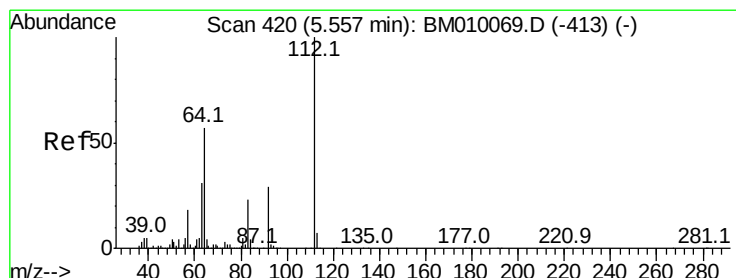
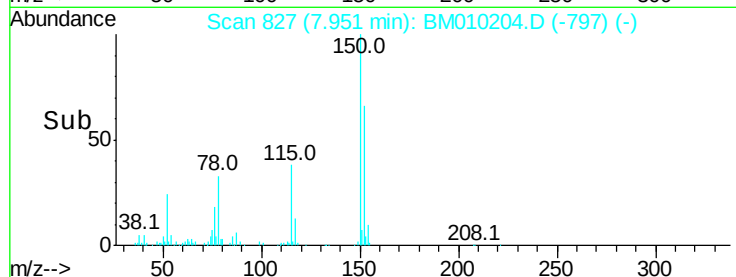
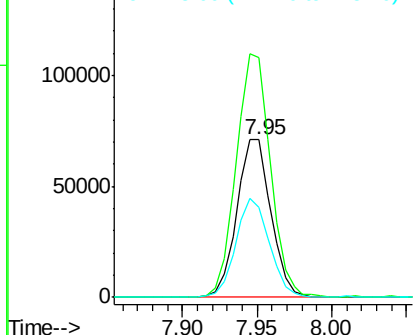
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

Instrument :
BNA_M
ClientSampleId :
EP1-WC4(0-9.5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.5	179.3
115	57.4	43.0	64.4



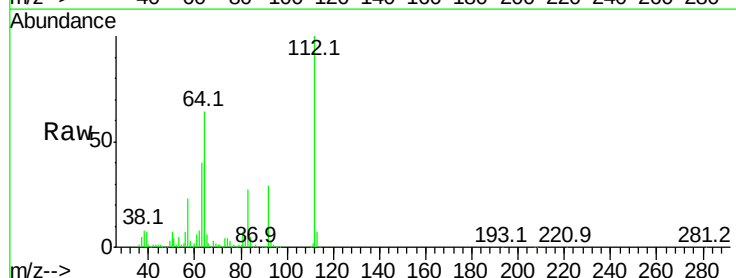
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



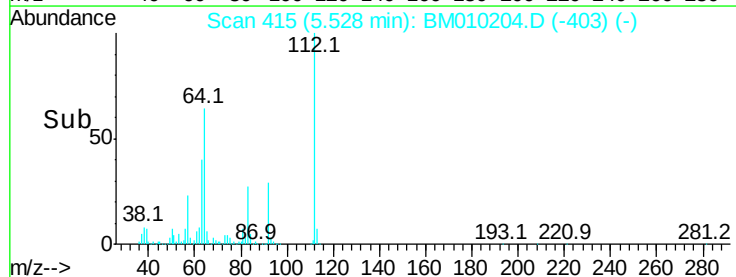
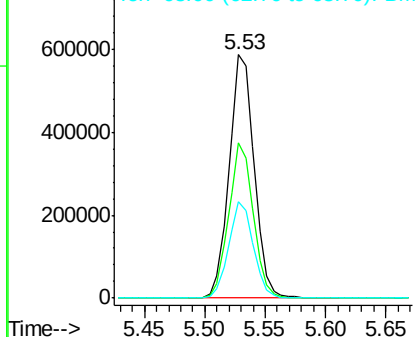
#5

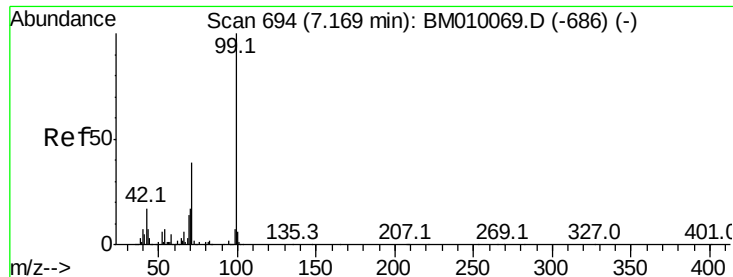
2-Fluorophenol
Concen: 136.45 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.03 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	39.8	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: 115.16 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010204.D

Acq: 25 May 2017 06:38

Instrument :

BNA_M

ClientSampleId :

EP1-WC4(0-9.5)

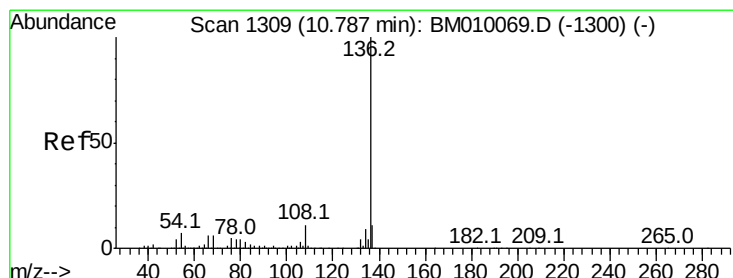
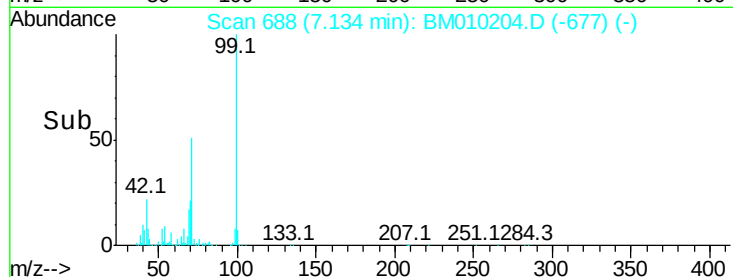
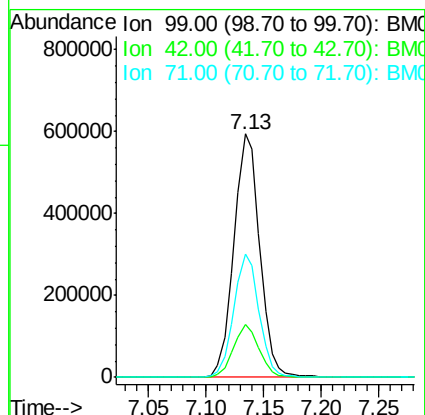
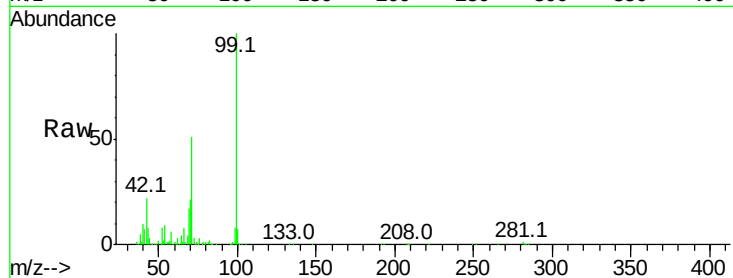
Tot Ion: 99 Resp: 921269

Ion Ratio Lower Upper

99 100

42 21.7 11.0 16.4#

71 50.6 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: BM010204.D

Acq: 25 May 2017 06:38

Tgt Ion: 136 Resp: 377738

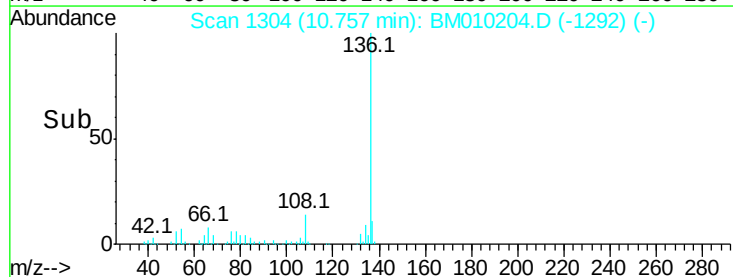
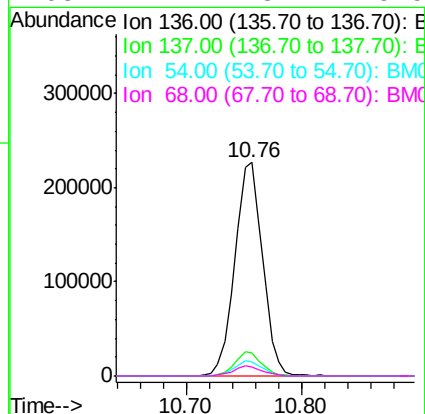
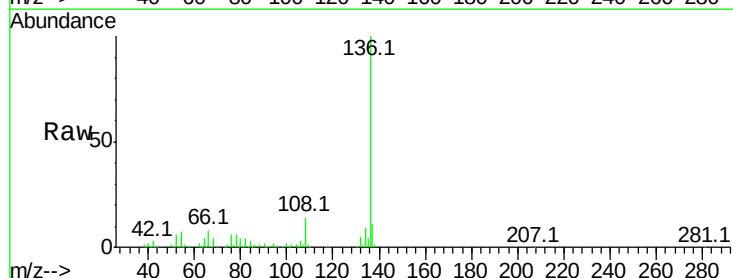
Ion Ratio Lower Upper

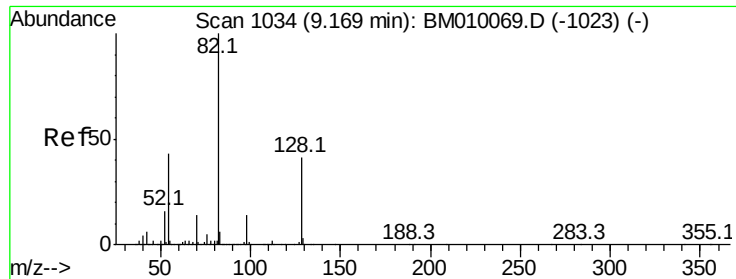
136 100

137 11.1 8.7 13.1

54 6.8 4.6 6.8#

68 4.4 3.7 5.5

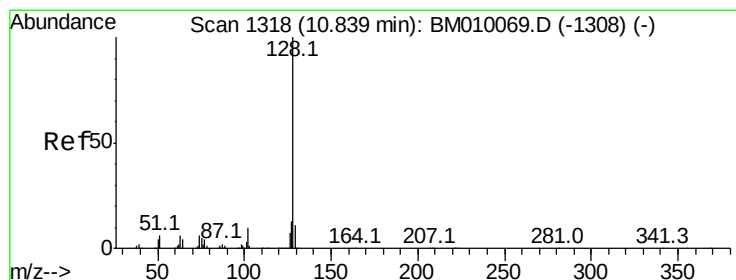
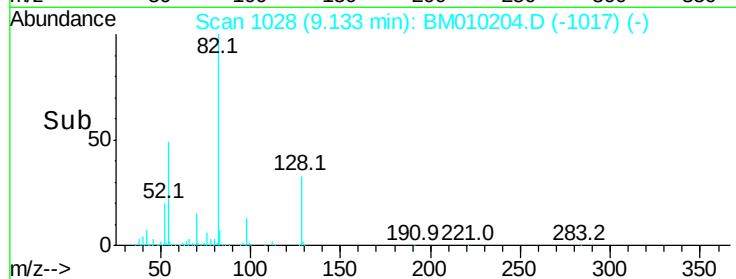
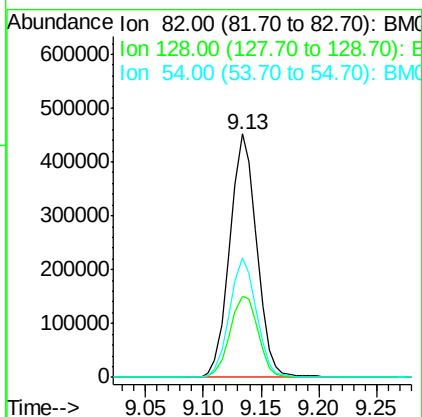
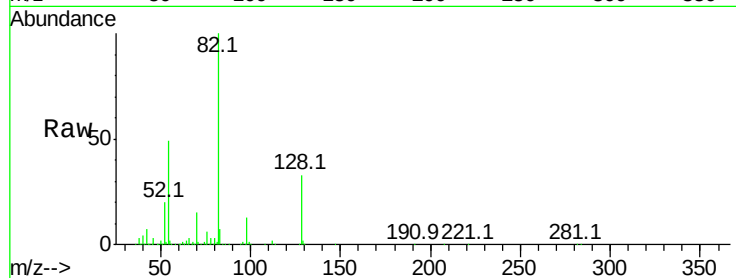




#23
Nitrobenzene-d5
Concen: 104.63 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

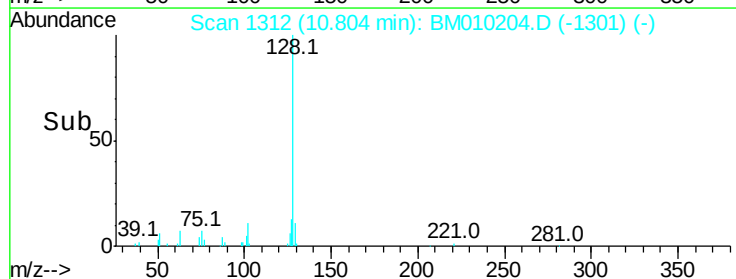
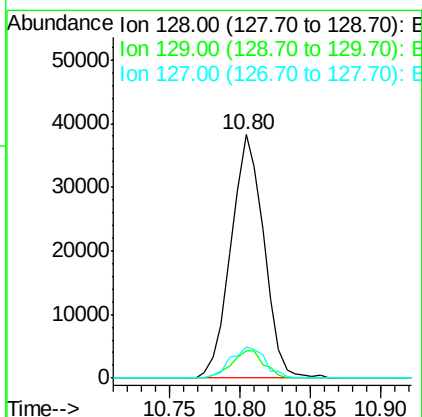
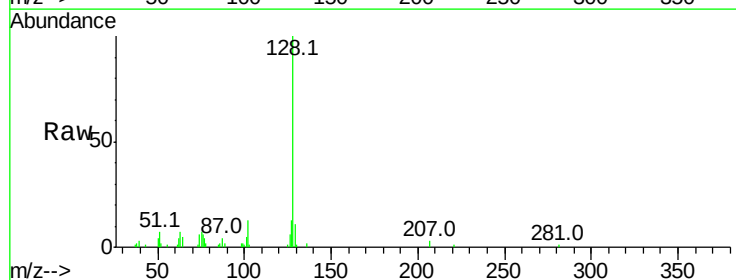
Instrument :
BNA_M
ClientSampleId :
EP1-WC4(0-9.5)

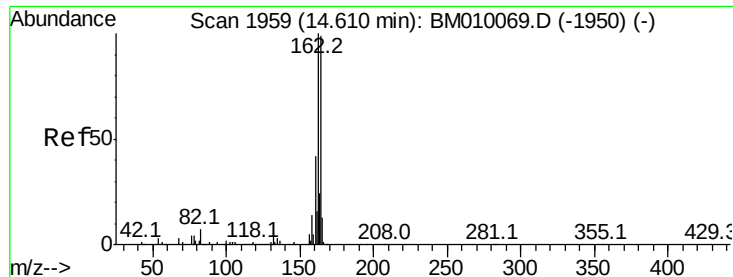
Tot Ion	82	Resp	732559
Ion	Ratio	Lower	Upper
82	100		
128	33.2	32.8	49.2
54	49.1	40.6	60.8



#31
Naphthalene
Concen: 3.08 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

Tgt Ion	128	Resp	62294
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.6	10.4	15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BM010204.D

Acq: 25 May 2017 06:38

Instrument :

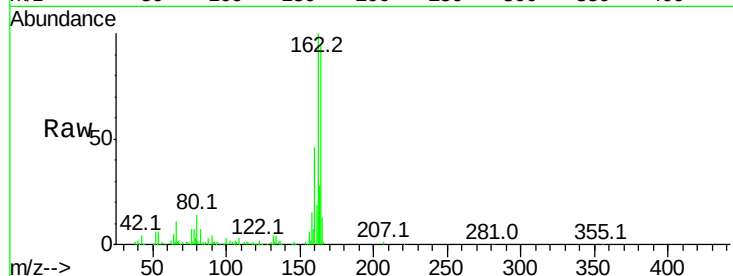
BNA_M

ClientSampleId :

EP1-WC4(0-9.5)

Tot Ion:164 Resp: 221814

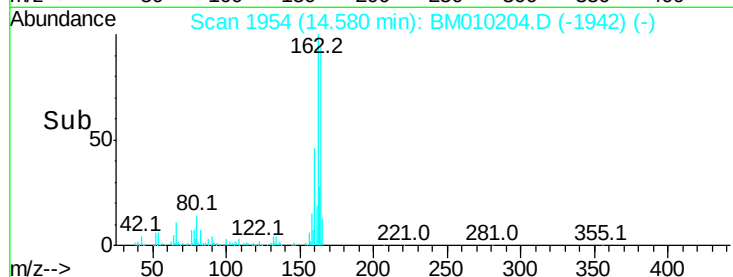
Ion	Ratio	Lower	Upper
164	100		
162	106.9	82.4	123.6
160	49.4	35.8	53.6



Abundance Ion 164.00 (163.70 to 164.70): E

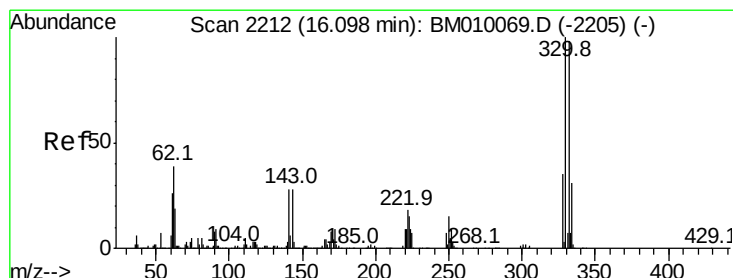
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

14.58



#41

2,4,6-Tribromophenol

Concen: 163.17 ng

RT: 16.07 min Scan# 2208

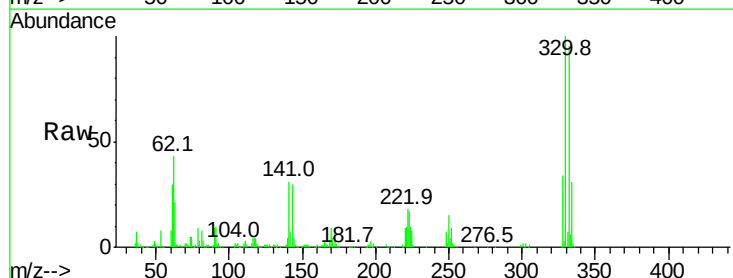
Delta R.T. -0.02 min

Lab File: BM010204.D

Acq: 25 May 2017 06:38

Tgt Ion:330 Resp: 549687

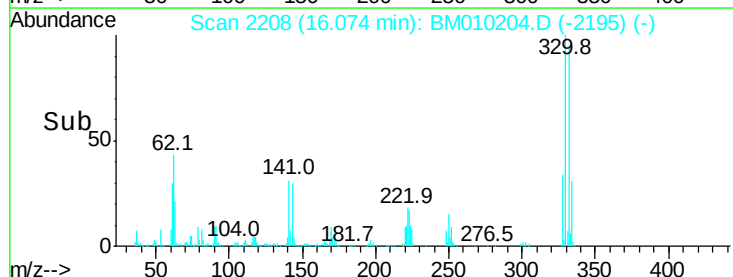
Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	34.2	0.0	0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

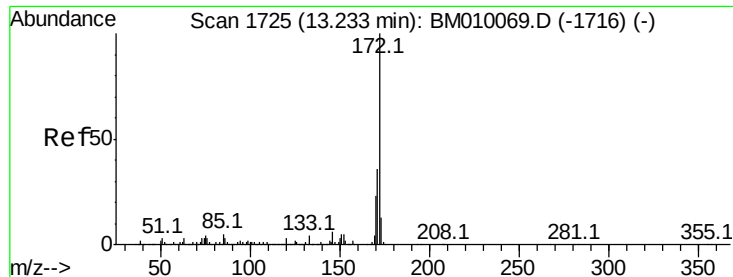
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

16.07

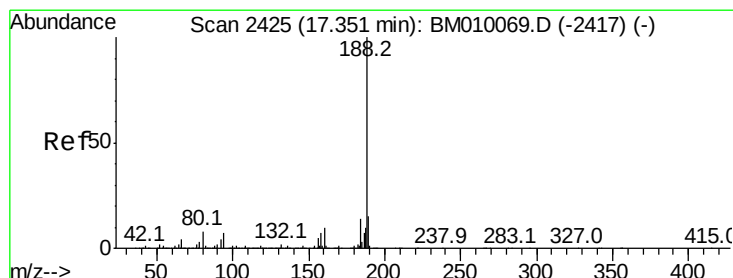
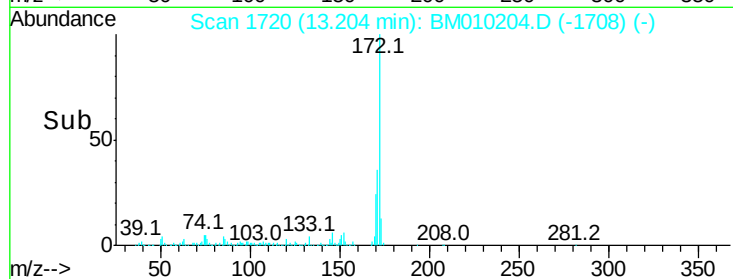
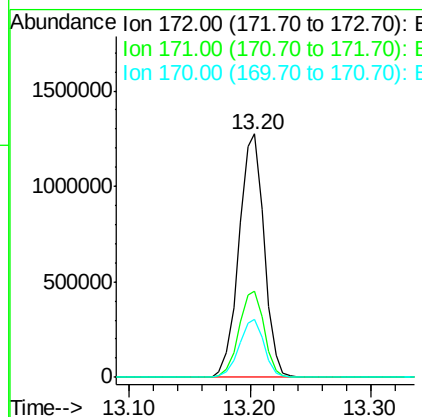
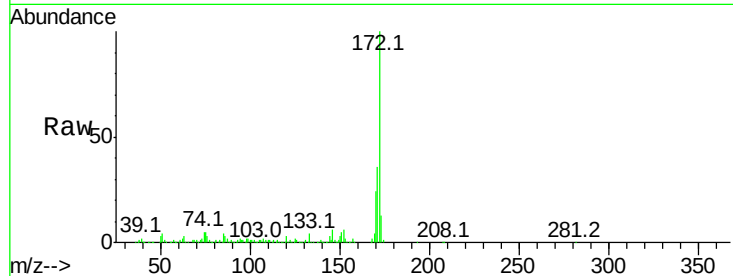


#44
 2-Fluorobiphenyl
 Concen: 106.98 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BM010204.D
 Acq: 25 May 2017 06:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC4(0-9.5)

Tot Ion:172 Resp: 1845832

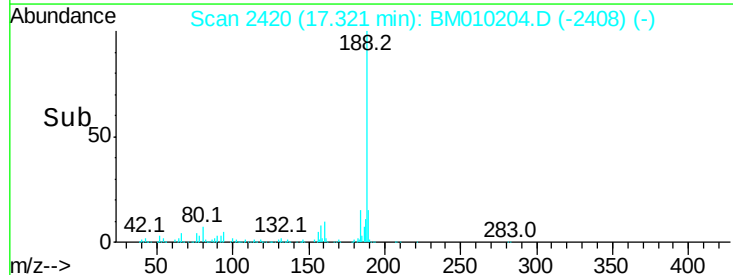
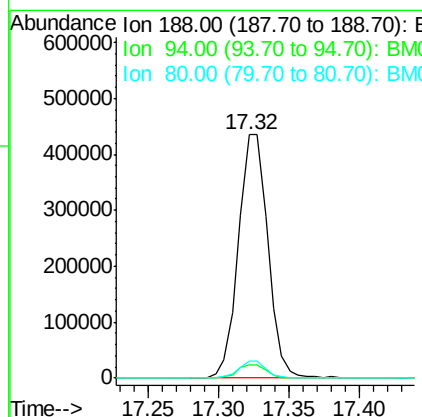
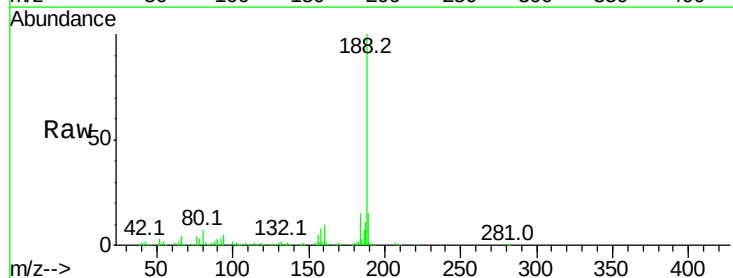
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.6	18.8	28.2

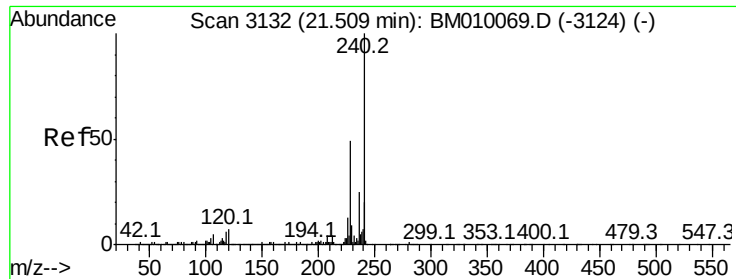


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.32 min Scan# 2420
 Delta R.T. -0.03 min
 Lab File: BM010204.D
 Acq: 25 May 2017 06:38

Tgt Ion:188 Resp: 635085

Ion	Ratio	Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	6.8	9.3	13.9#

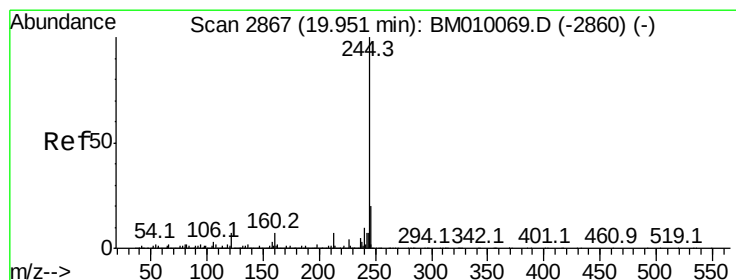
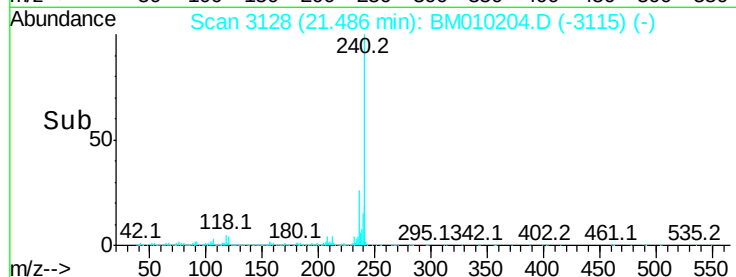
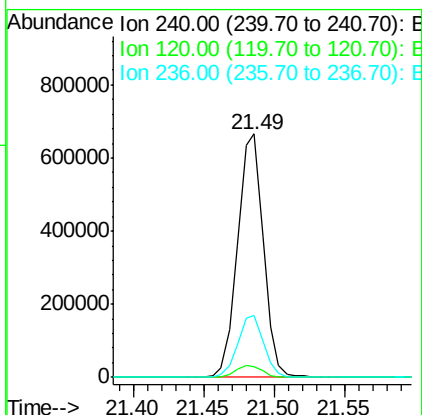
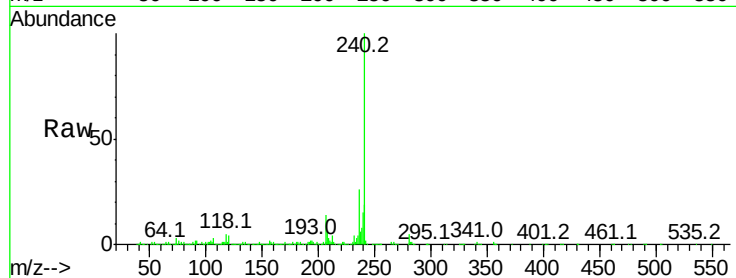




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

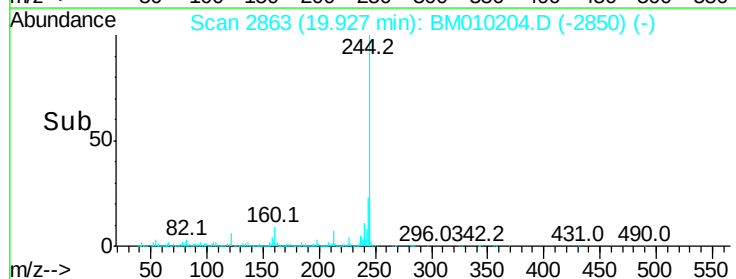
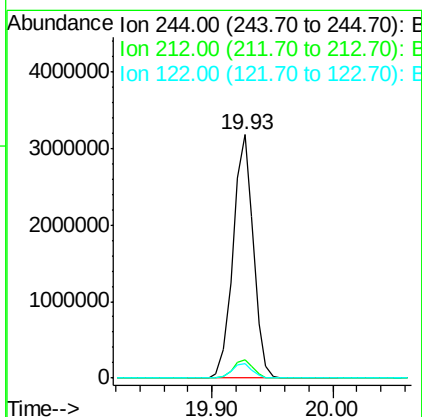
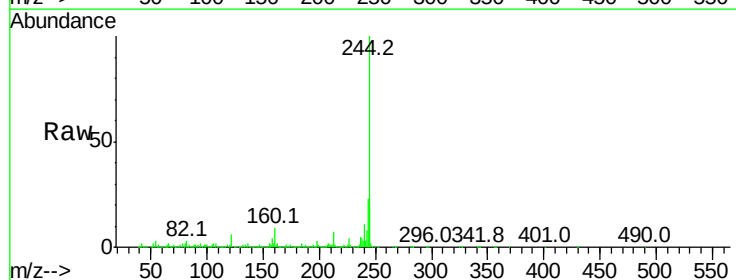
Instrument :
BNA_M
ClientSampleId :
EP1-WC4(0-9.5)

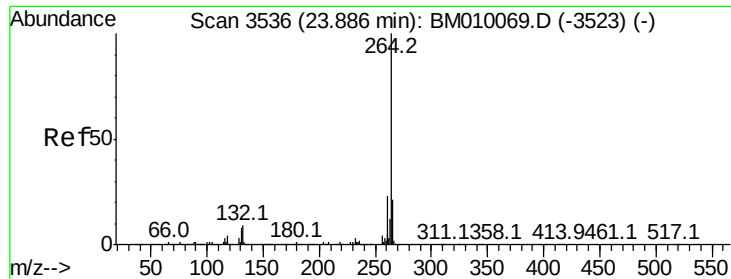
Tot Ion:240 Resp: 848746
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 25.6 20.0 30.0



#78
Terphenyl-d14
Concen: 99.29 ng
RT: 19.93 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

Tgt Ion:244 Resp: 3706108
Ion Ratio Lower Upper
244 100
212 7.4 4.9 7.3#
122 6.0 6.2 9.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3529
Delta R.T. -0.04 min
Lab File: BM010204.D
Acq: 25 May 2017 06:38

Instrument :
BNA_M
ClientSampleId :
EP1-WC4(0-9.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.9	18.6	27.8#
265	24.7	17.3	25.9

