

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010205.D
 Acq On : 25 May 2017 07:14
 Operator : SJ/MA
 Sample : I3215-27
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC2(0-6)

Quant Time: May 25 08:46:49 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	118138	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	382085	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	223173	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	631905	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	909186	20.00	ng	-0.02
86) Perylene-d12	23.84	264	353893	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	953826	145.80	ng	-0.03
7) Phenol-d6	7.13	99	1039312	123.46	ng	-0.04
23) Nitrobenzene-d5	9.13	82	830168	117.22	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	613129	180.89	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2106334	121.33	ng	-0.04
78) Terphenyl-d14	19.93	244	4168799	104.26	ng	-0.02

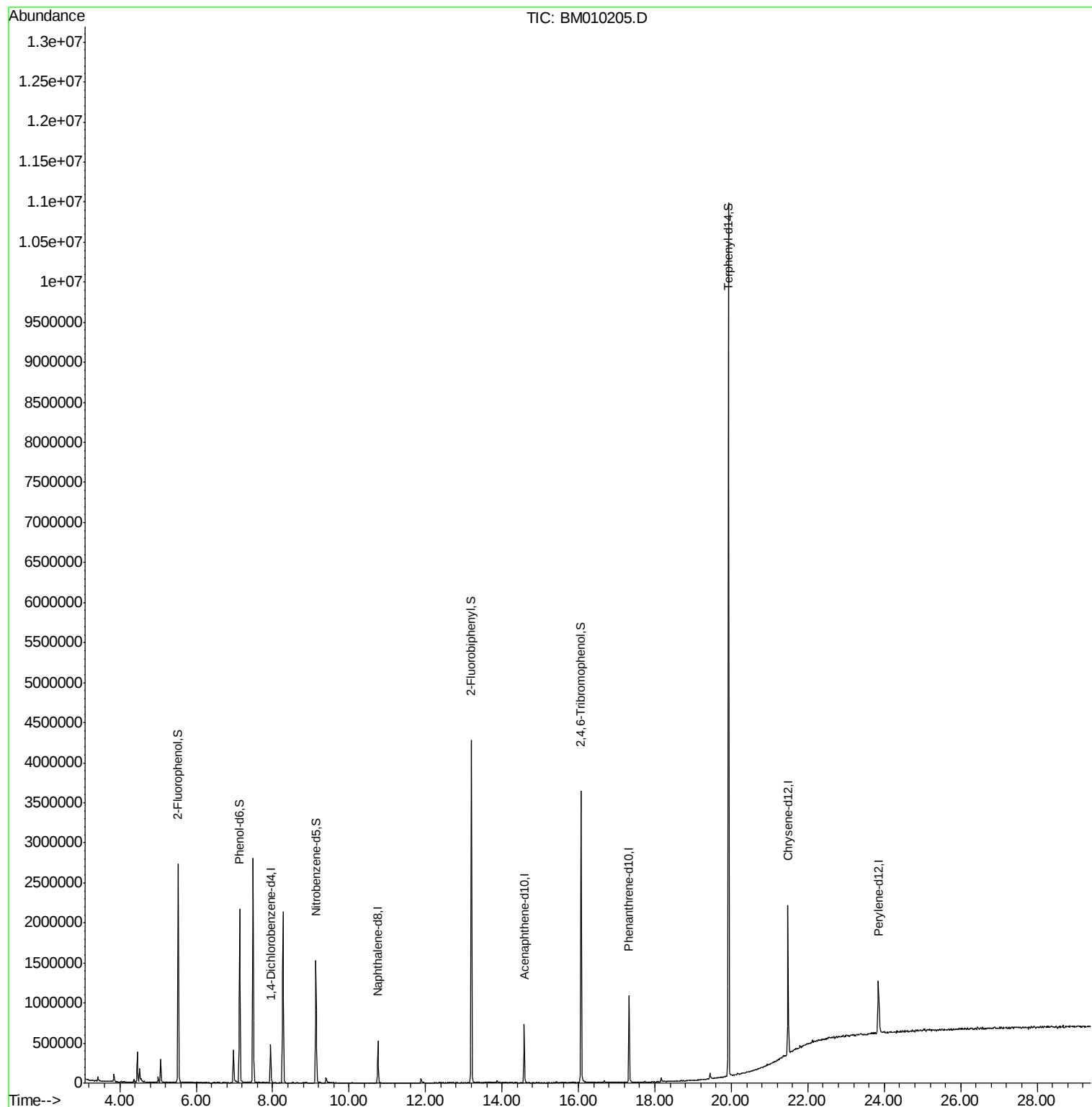
Target Compounds Qvalue

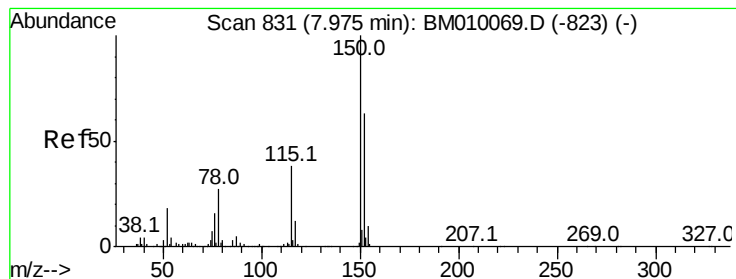
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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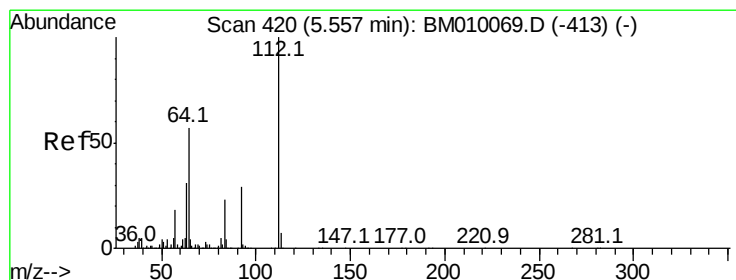
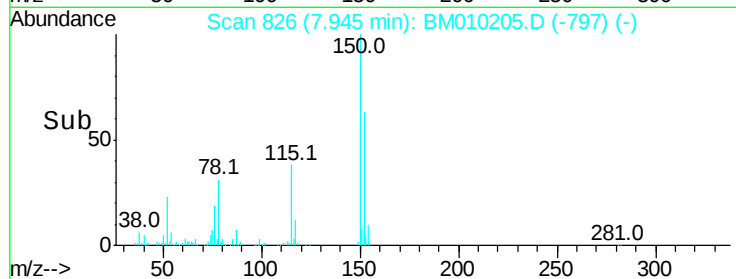
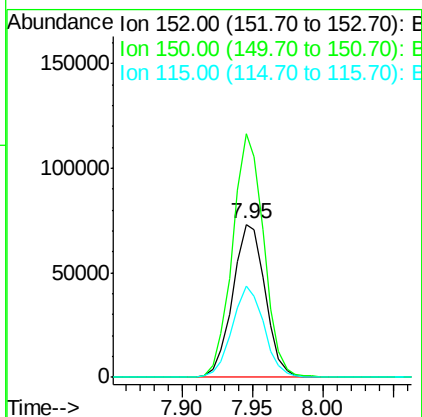
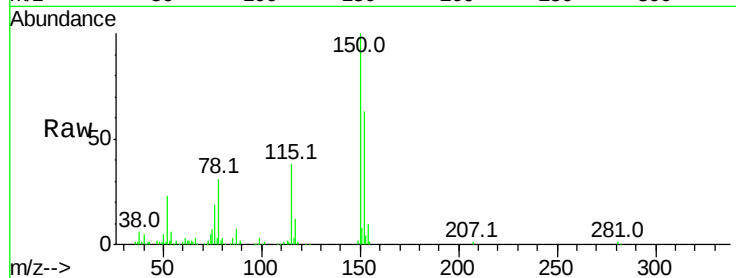




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

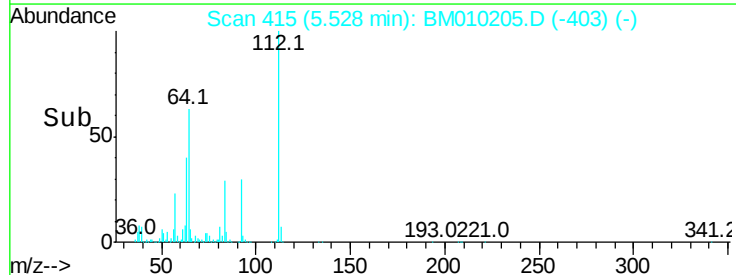
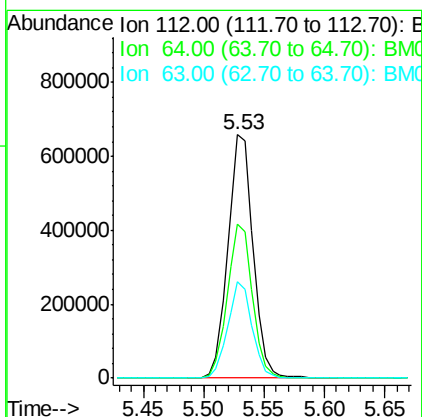
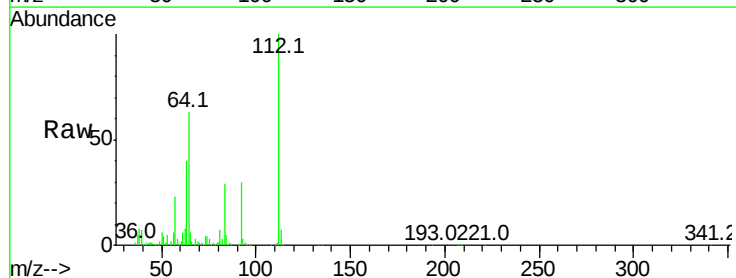
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC2(0-6)

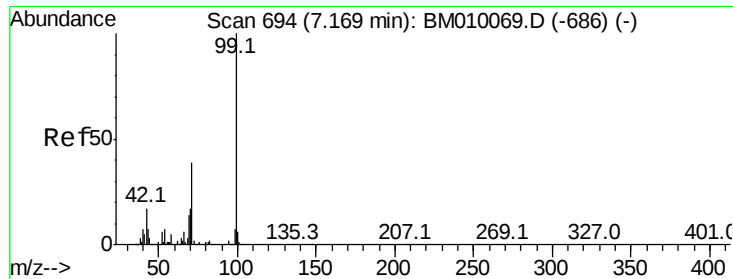
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	59.6	43.0	64.4



#5
 2-Fluorophenol
 Concen: 145.80 ng
 RT: 5.53 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	38.6	57.8#
63	39.7	19.3	28.9#





#7

Phenol-d6

Concen: 123.46 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.04 min

Lab File: BM010205.D

Acq: 25 May 2017 07:14

Instrument :

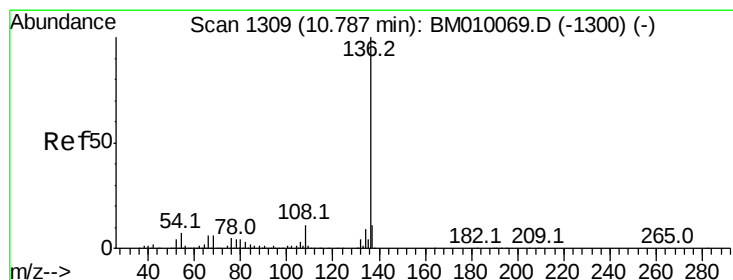
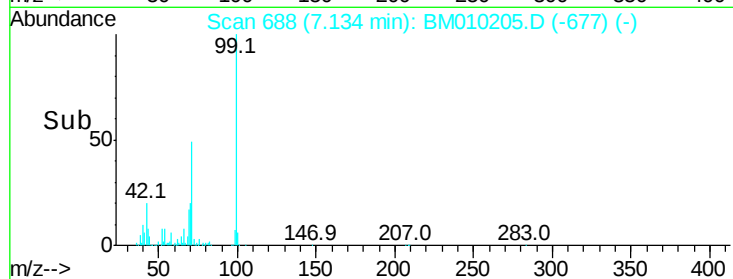
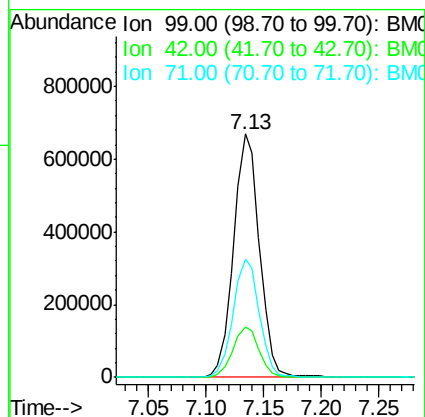
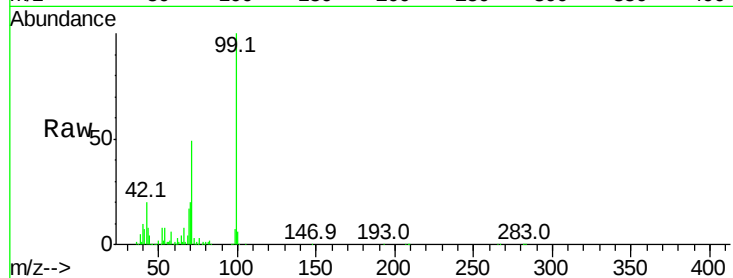
BNA_M

ClientSampleId :

EP1-WC2(0-6)

Tot Ion: 99 Resp: 1039312

Ion	Ratio	Lower	Upper
99	100		
42	20.4	11.0	16.4#
71	48.6	23.4	35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

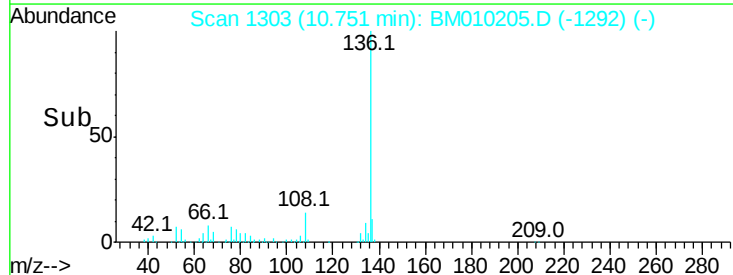
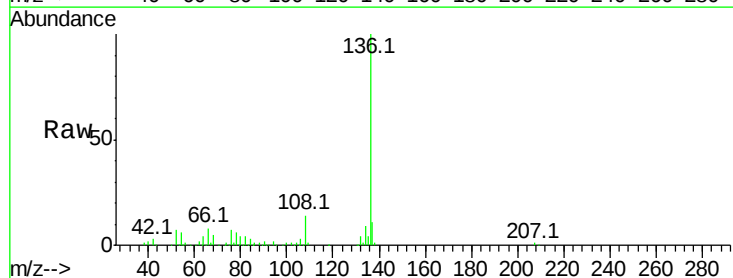
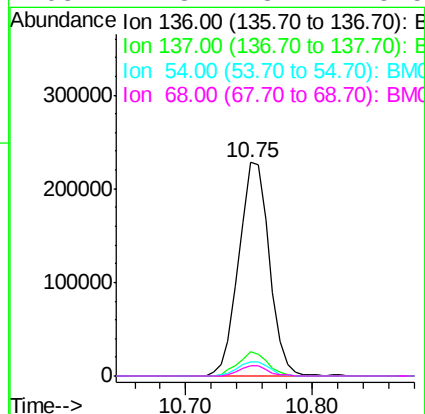
Delta R.T. -0.04 min

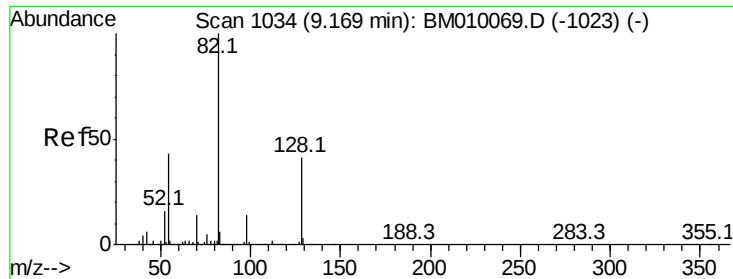
Lab File: BM010205.D

Acq: 25 May 2017 07:14

Tgt Ion: 136 Resp: 382085

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.5	4.6	6.8
68	4.8	3.7	5.5

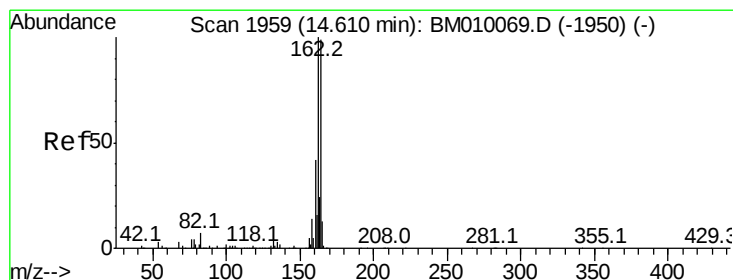
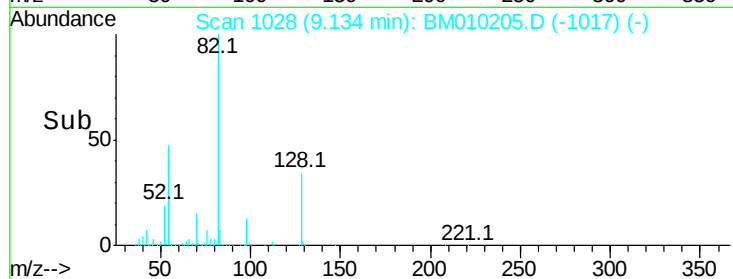
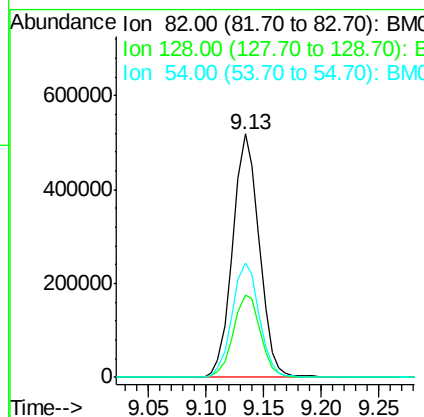
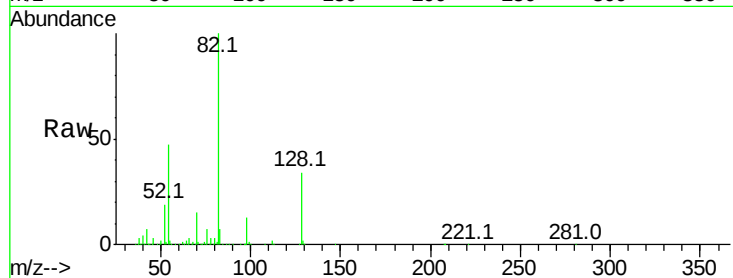




#23
 Nitrobenzene-d5
 Concen: 117.22 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

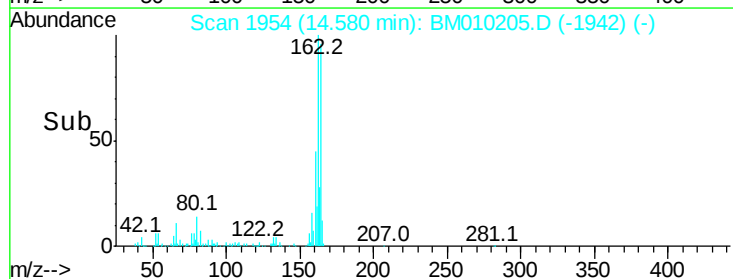
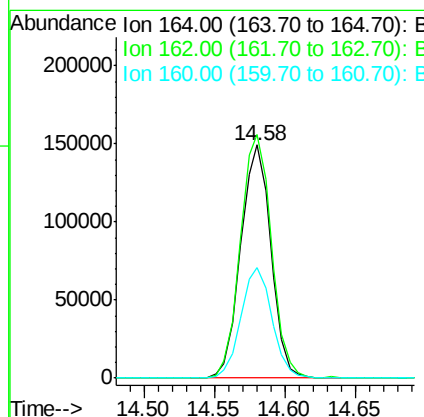
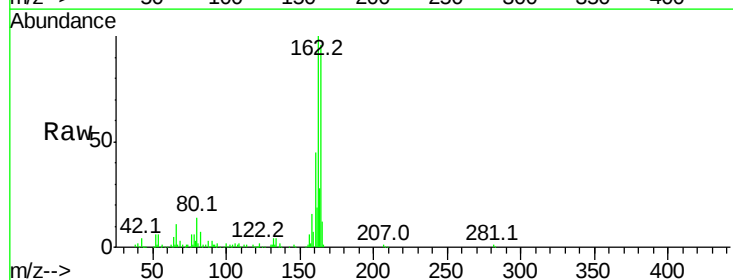
Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC2(0-6)

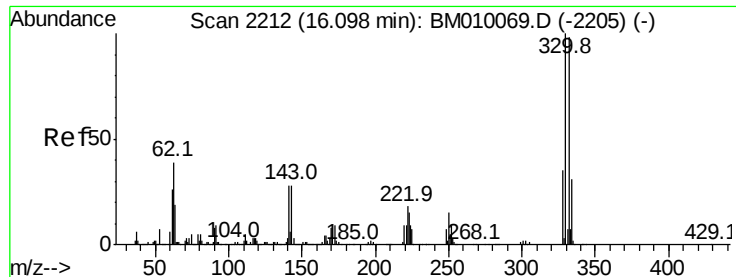
Tot Ion	82	Resp	830168
Ion Ratio	Lower	Upper	
82	100		
128	33.7	32.8	49.2
54	47.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 1954
 Delta R.T. -0.03 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

Tgt Ion	164	Resp	223173
Ion Ratio	Lower	Upper	
164	100		
162	104.5	82.4	123.6
160	47.4	35.8	53.6

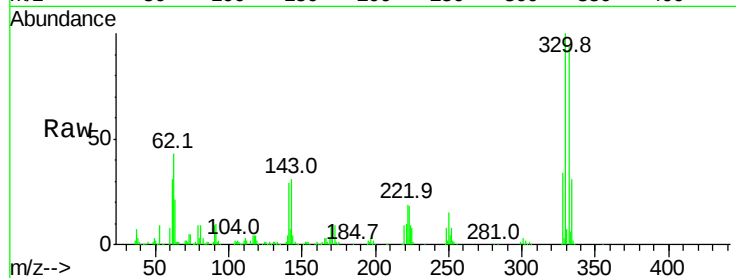




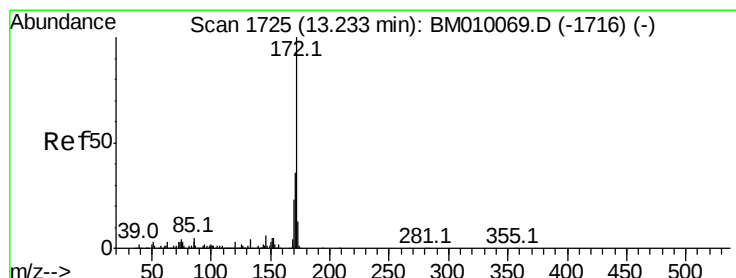
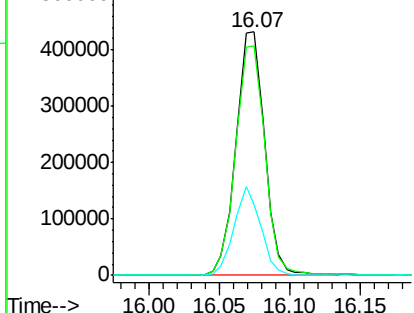
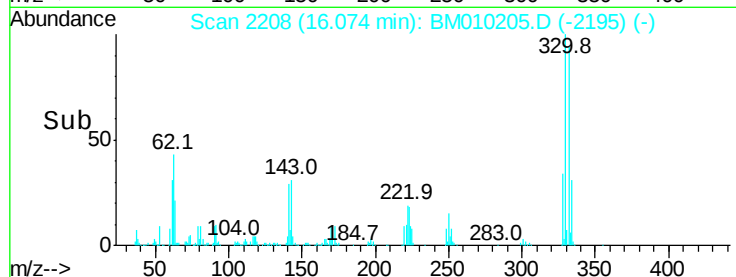
#41
 2,4,6-Tribromophenol
 Concen: 180.89 ng
 RT: 16.07 min Scan# 2208
 Delta R.T. -0.02 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

Instrument :
 BNA_M
 ClientSampleId :
 EP1-WC2(0-6)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	34.1	0.0	0.0#

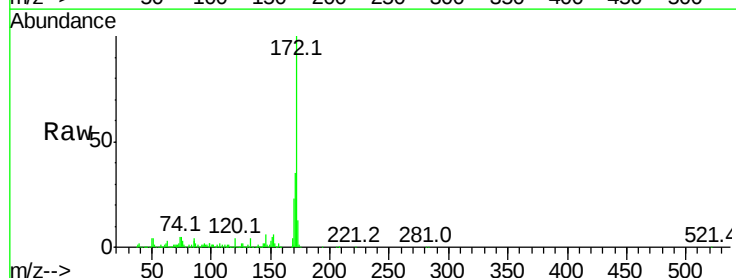


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

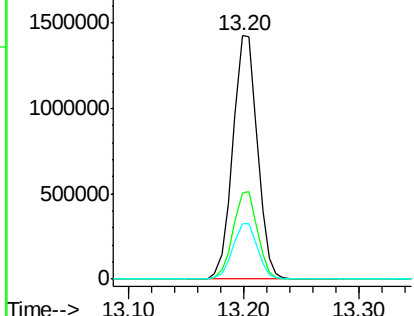
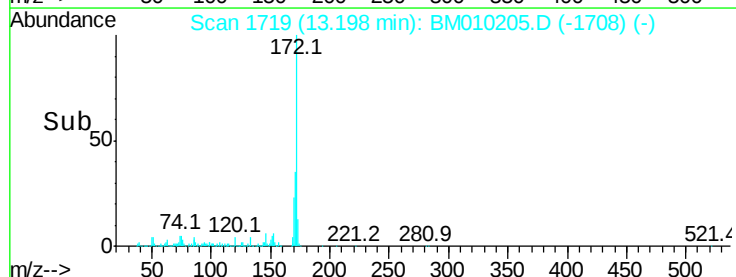


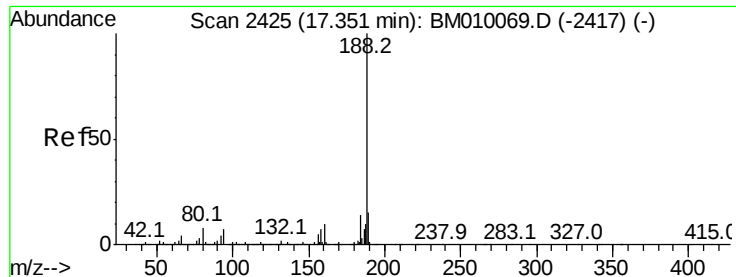
#44
 2-Fluorobiphenyl
 Concen: 121.33 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BM010205.D
 Acq: 25 May 2017 07:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.7	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

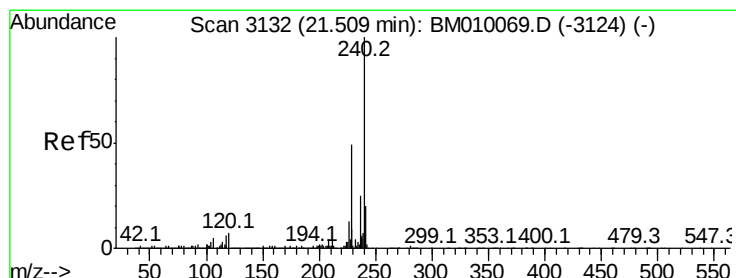
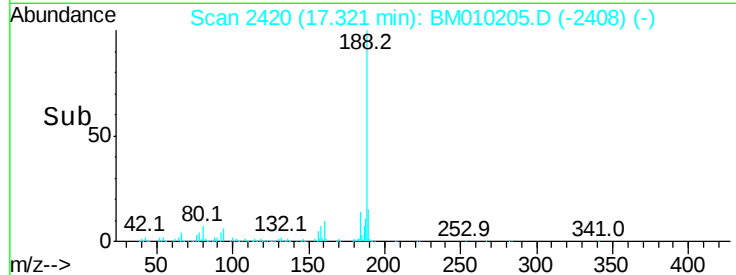
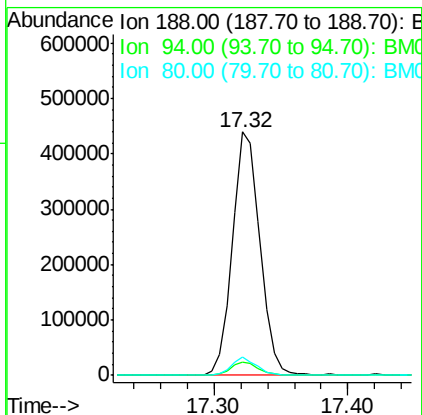
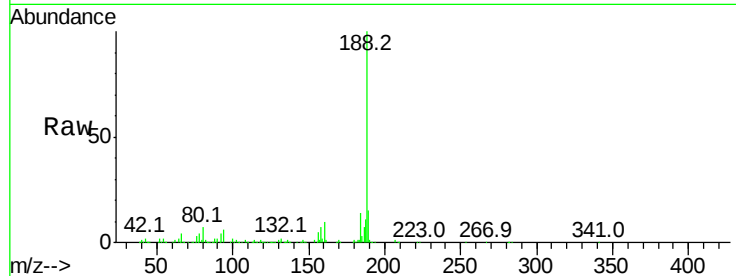




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BM010205.D
Acq: 25 May 2017 07:14

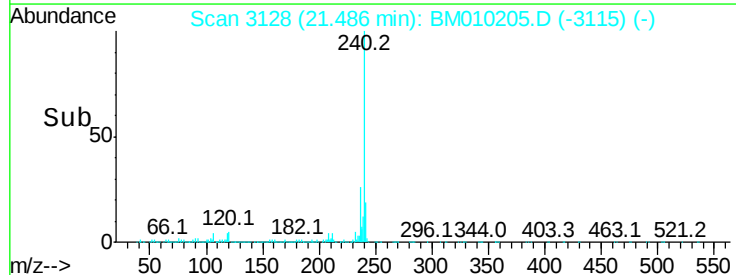
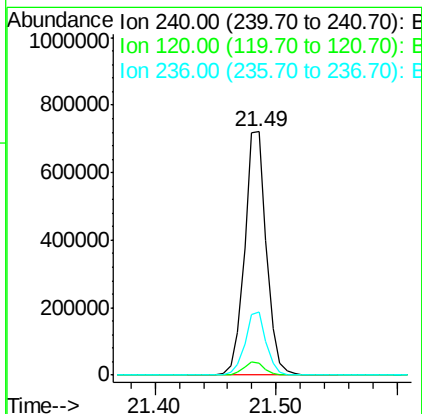
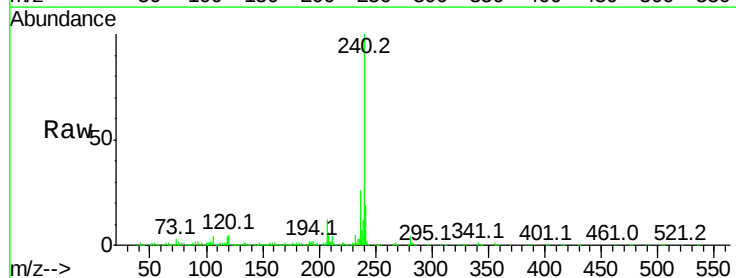
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EP1-WC2(0-6)

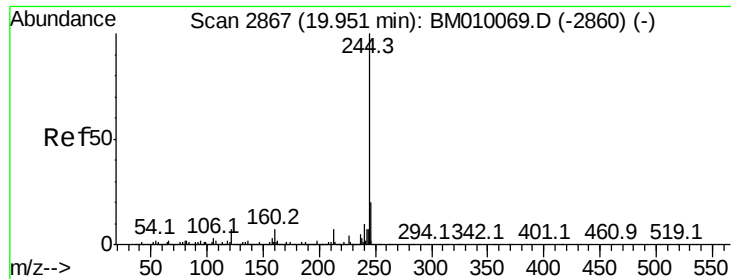
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	7.3	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BM010205.D
Acq: 25 May 2017 07:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	25.9	20.0	30.0





#78

Terphenyl-d14

Concen: 104.26 ng

RT: 19.93 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM010205.D

Acq: 25 May 2017 07:14

Instrument :

BNA_M

ClientSampleId :

EP1-WC2(0-6)

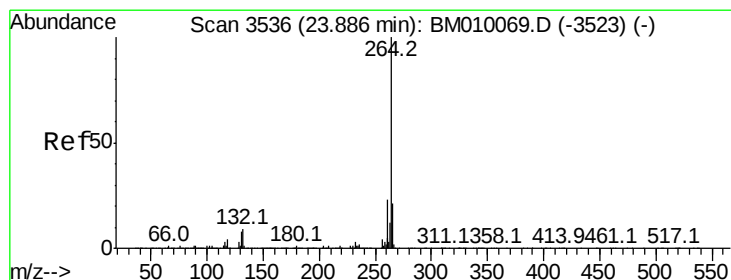
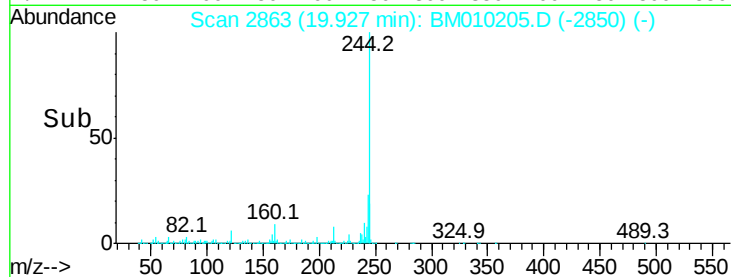
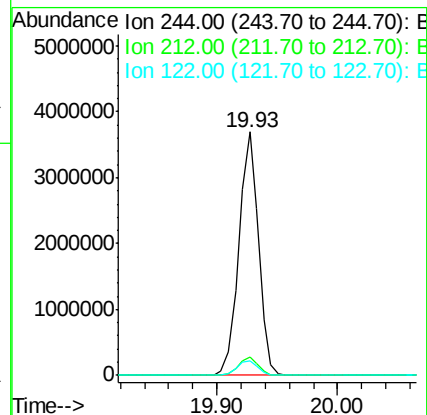
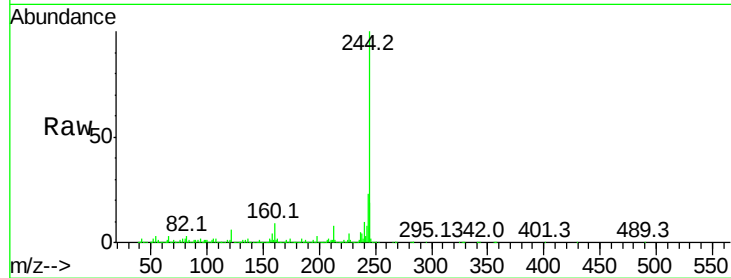
Tot Ion:244 Resp: 4168799

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: 23.84 min Scan# 3529

Delta R.T. -0.04 min

Lab File: BM010205.D

Acq: 25 May 2017 07:14

Tgt Ion:264 Resp: 353893

Ion Ratio Lower Upper

264 100

260 32.6 18.6 27.8#

265 22.9 17.3 25.9

