

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010254.D
 Acq On : 26 May 2017 13:23
 Operator : SJ/MA
 Sample : I3331-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-24COMPRES

Quant Time: May 27 00:22:28 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	7.94	152	110850	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	358030	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	111688	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	442814	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	288694	20.00	ng	-0.03
86) Perylene-d12	23.84	264	26863	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	778999	126.91	ng	-0.04
7) Phenol-d6	7.13	99	561442	71.08	ng	-0.04
23) Nitrobenzene-d5	9.13	82	701910	105.77	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	476844	281.11	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1719350	197.90	ng	-0.04
78) Terphenyl-d14	19.92	244	2442730	192.39	ng	-0.03

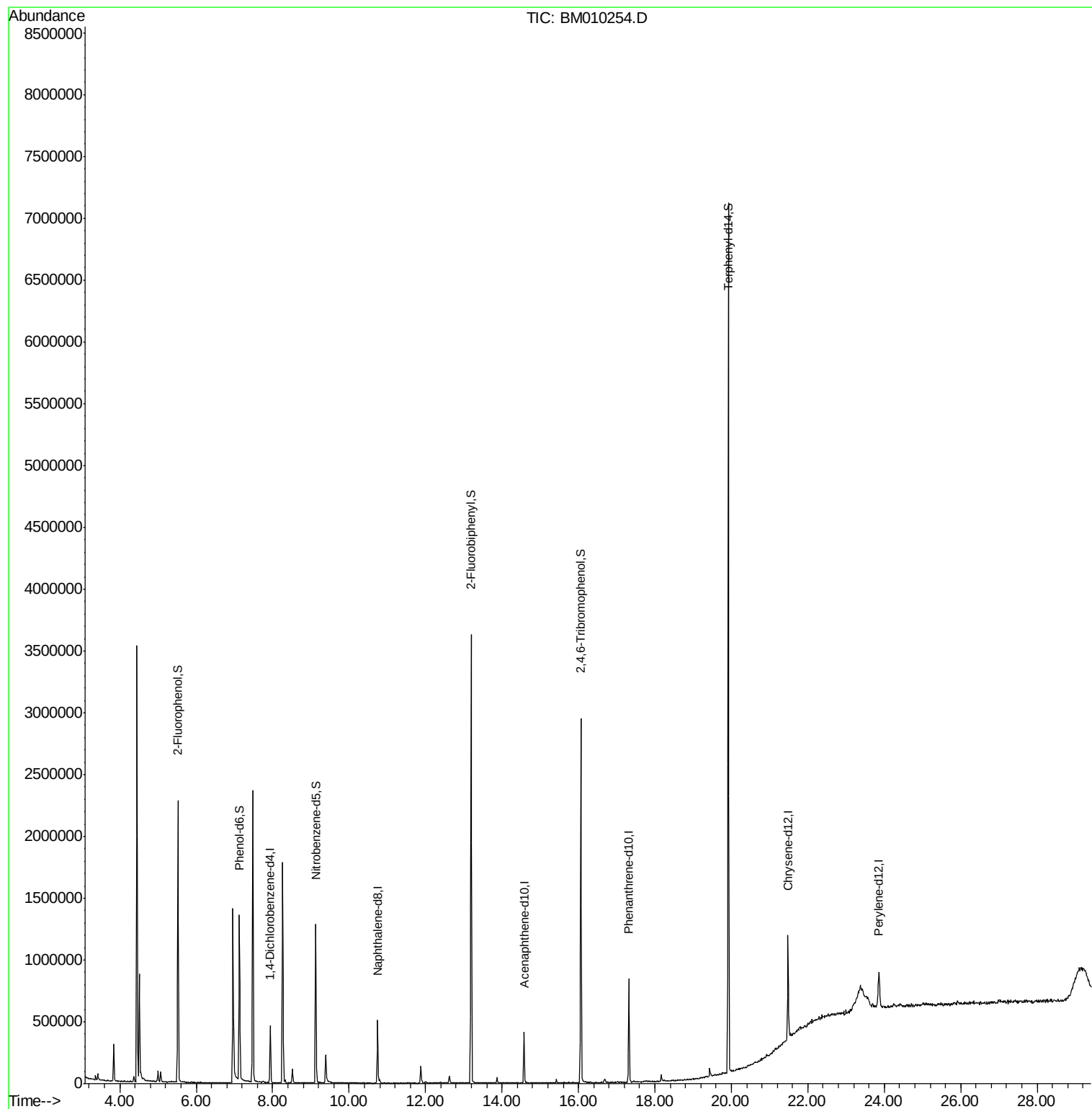
Target Compounds Qvalue

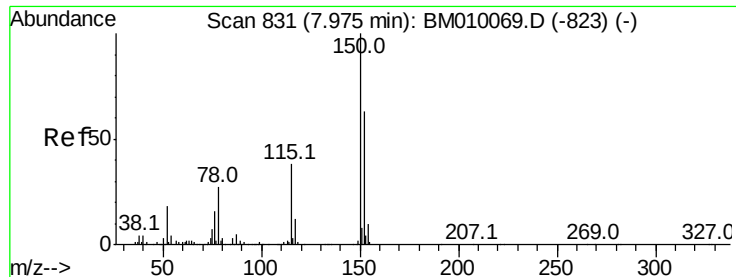
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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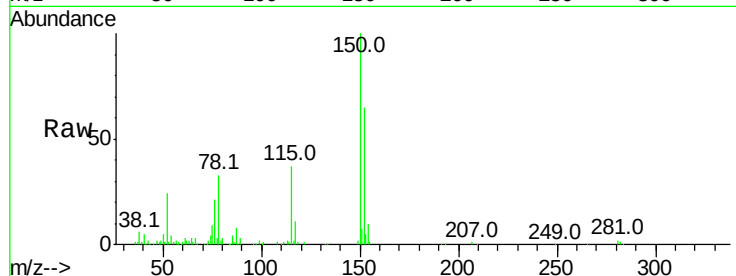


#1

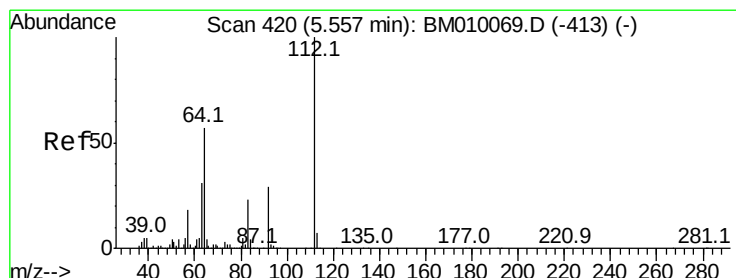
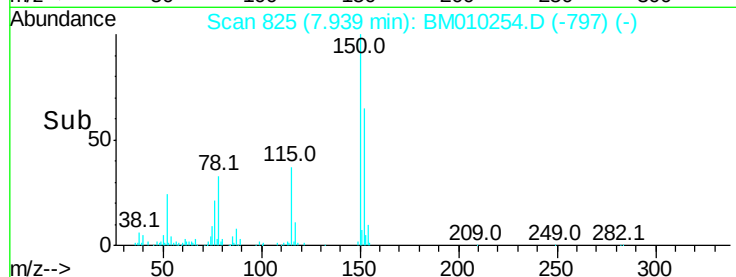
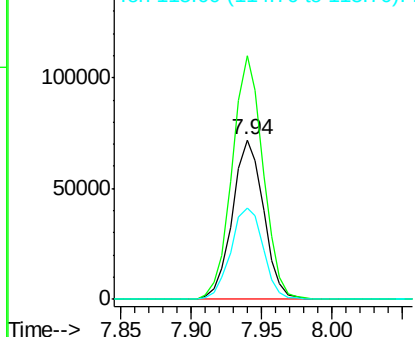
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Instrument :
BNA_M
ClientSampleId :
SB-24COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.5	179.3
115	57.3	43.0	64.4



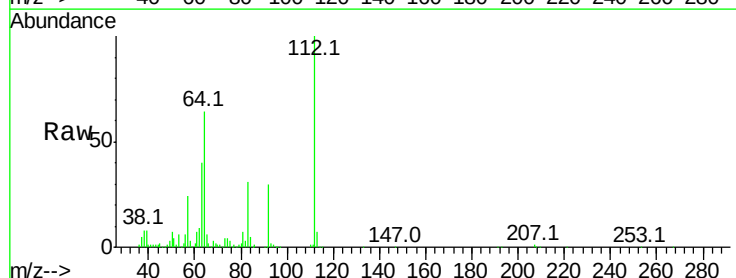
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



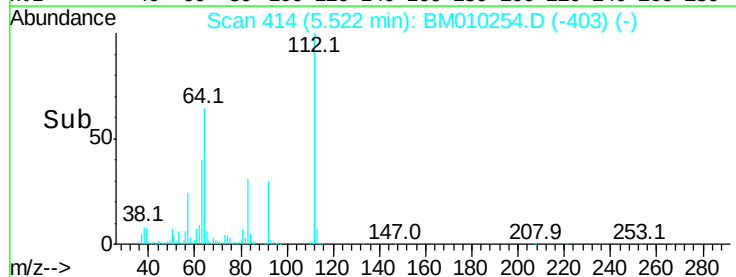
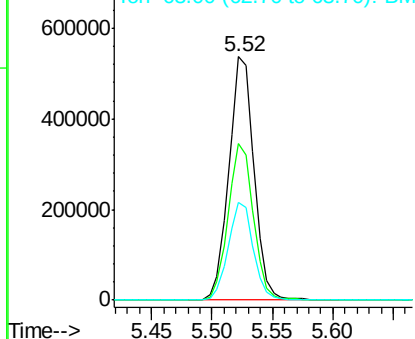
#5

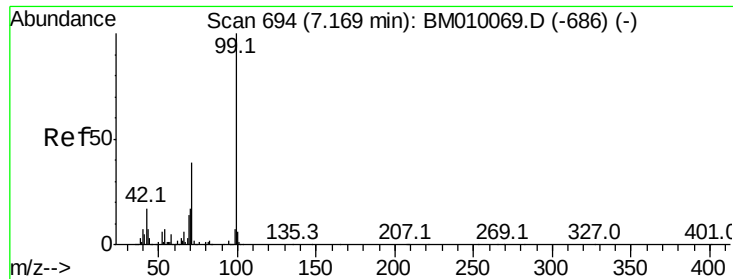
2-Fluorophenol
Concen: 126.91 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	38.6	57.8#
63	40.3	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: 71.08 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

SB-24COMP

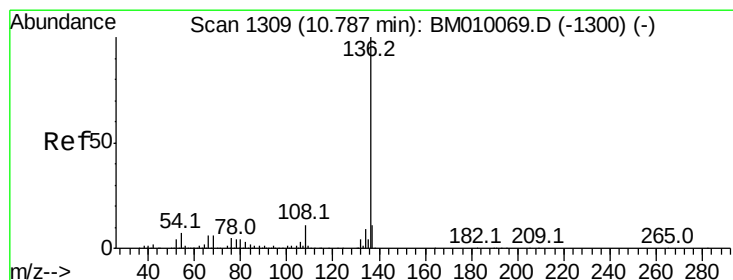
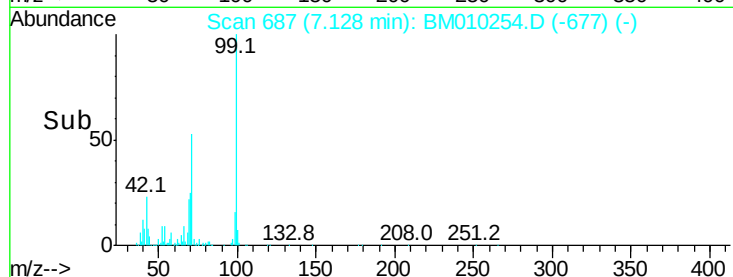
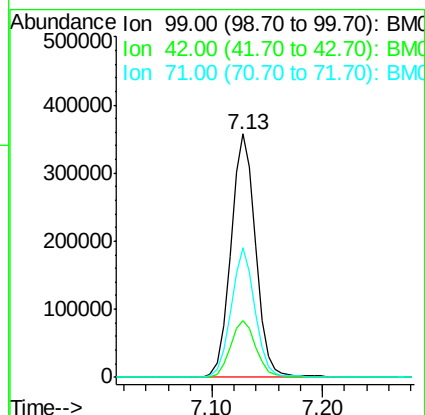
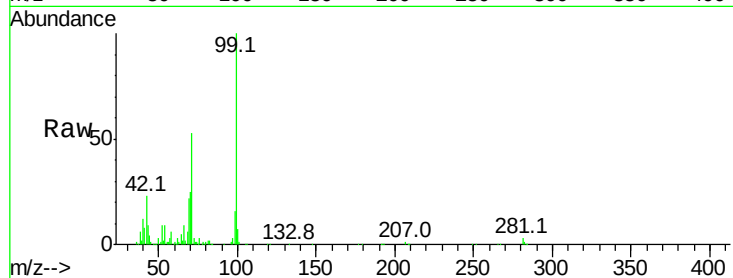
Tot Ion: 99 Resp: 561442

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

71 53.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion: 136 Resp: 358030

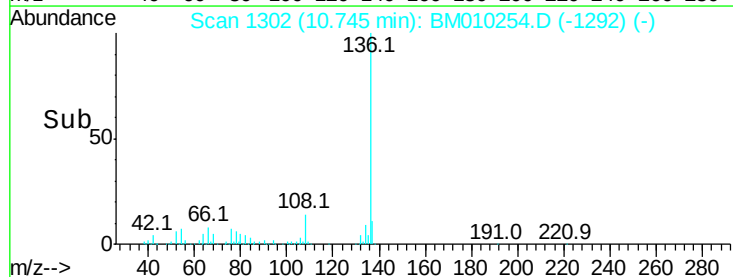
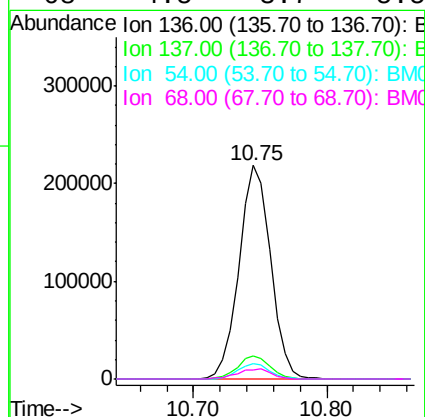
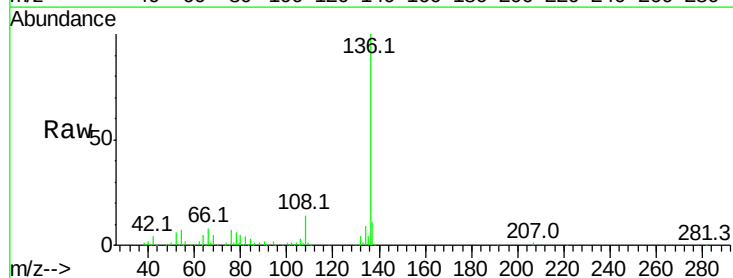
Ion Ratio Lower Upper

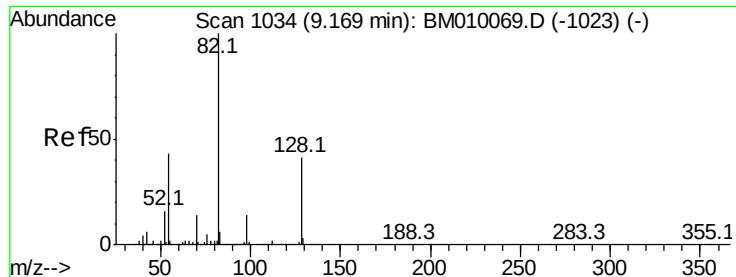
136 100

137 10.7 8.7 13.1

54 7.0 4.6 6.8#

68 4.5 3.7 5.5

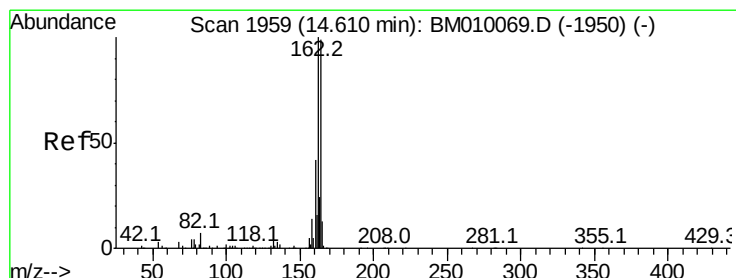
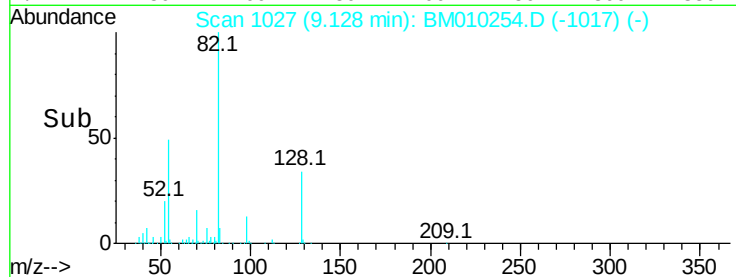
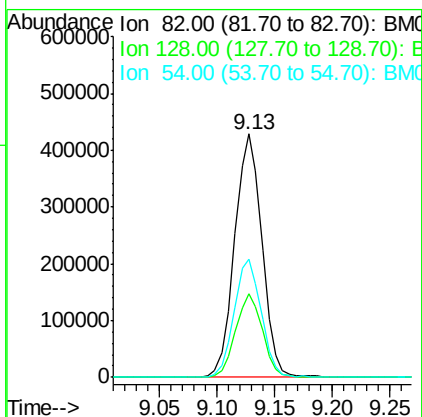
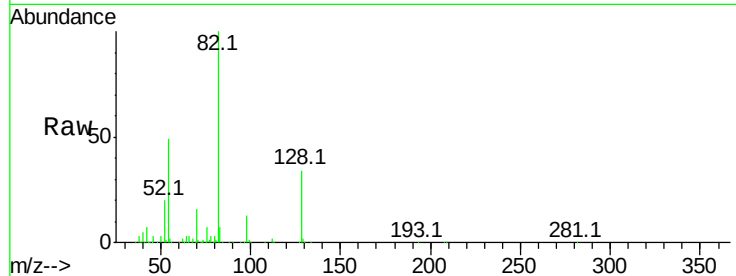




#23
 Nitrobenzene-d5
 Concen: 105.77 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

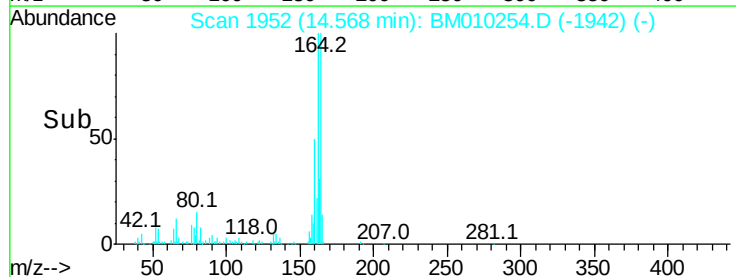
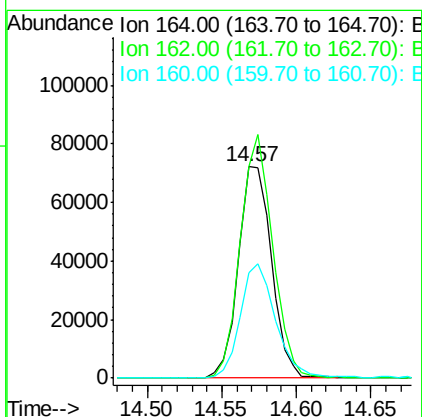
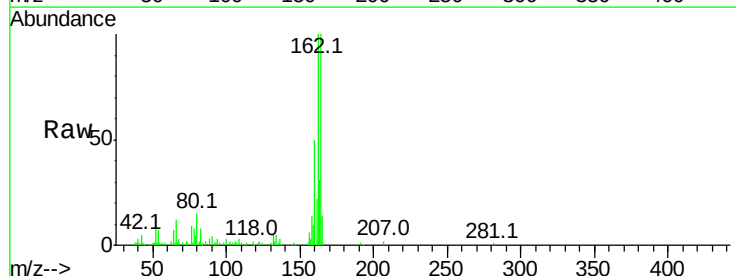
Instrument :
 BNA_M
 ClientSampleId :
 SB-24COMP

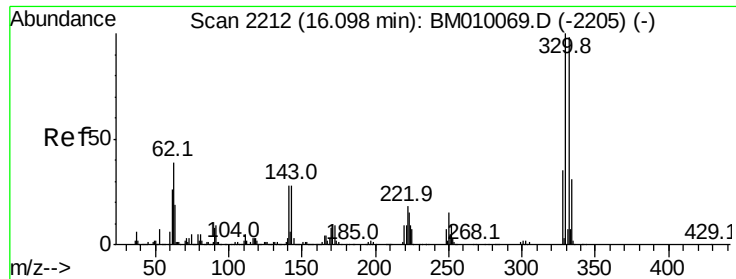
Tot Ion	82	Resp	701910
Ion Ratio	Lower	Upper	
82	100		
128	34.5	32.8	49.2
54	48.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

Tgt Ion	164	Resp	111688
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.4	123.6
160	49.9	35.8	53.6

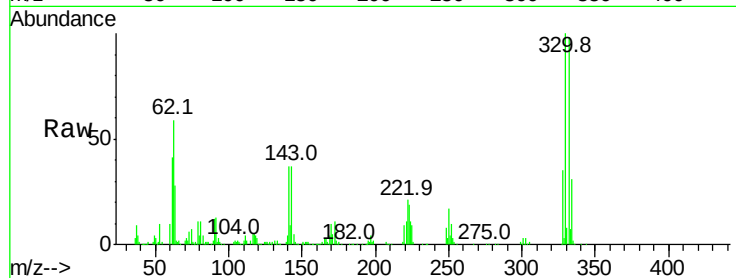




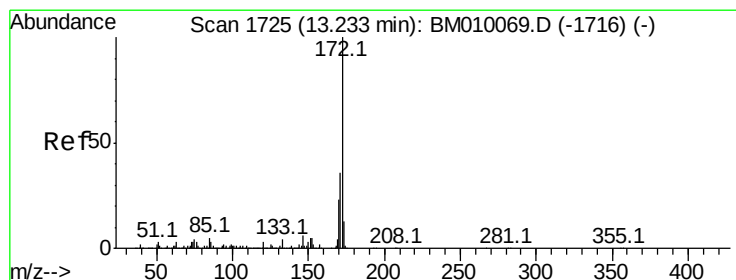
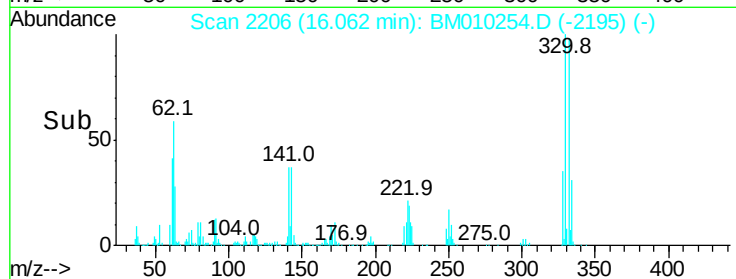
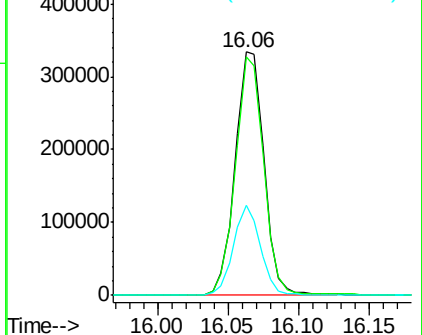
#41
2,4,6-Tribromophenol
Concen: 281.11 ng
RT: 16.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Instrument :
BNA_M
ClientSampleId :
SB-24COMPRES

Tot Ion:330 Resp: 476844
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 34.8 0.0 0.0#

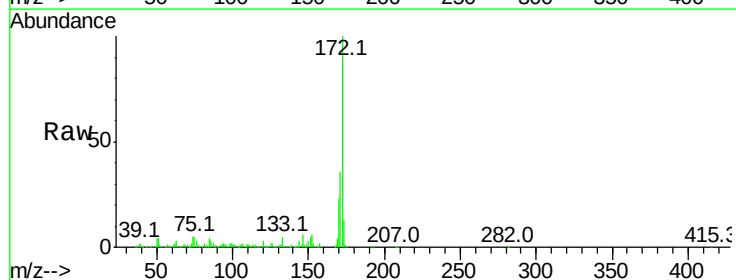


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

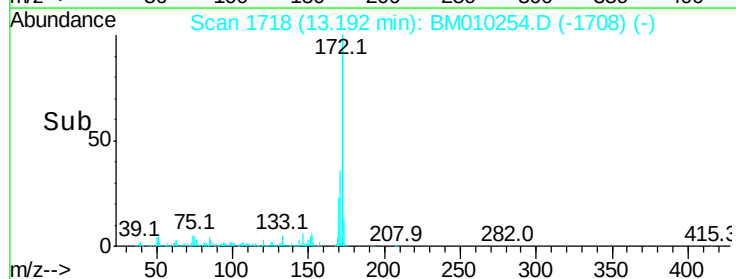
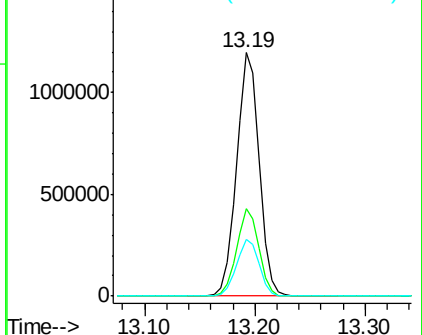


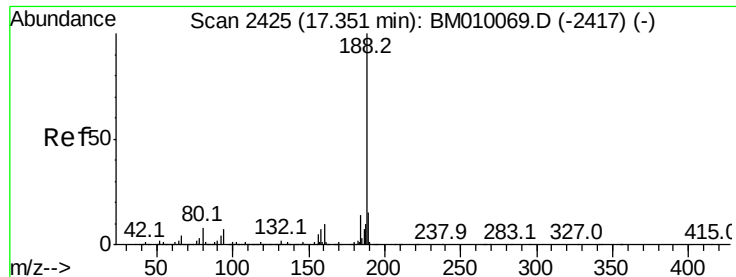
#44
2-Fluorobiphenyl
Concen: 197.90 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion:172 Resp: 1719350
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.1 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

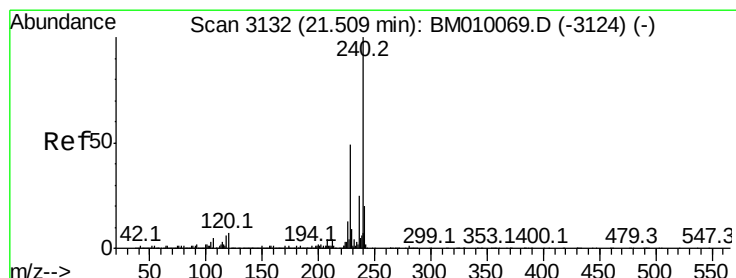
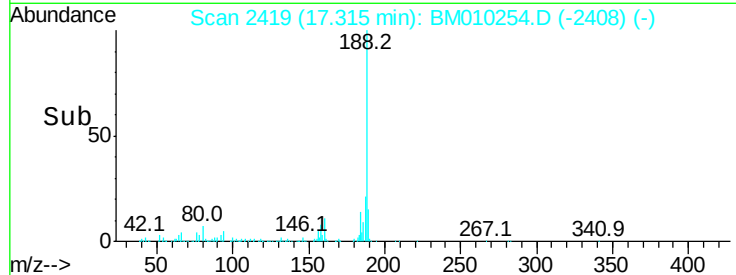
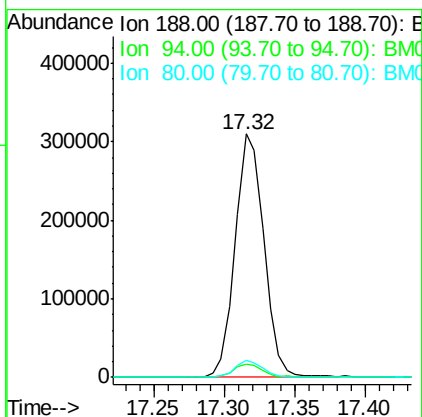
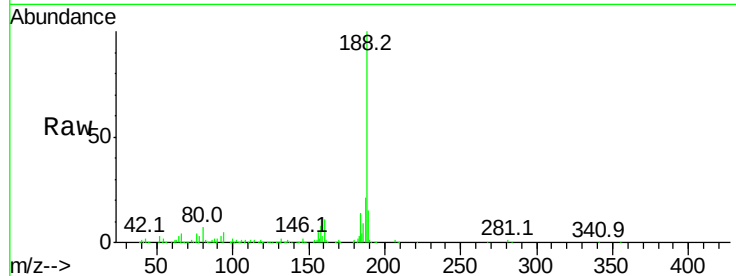




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2419
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

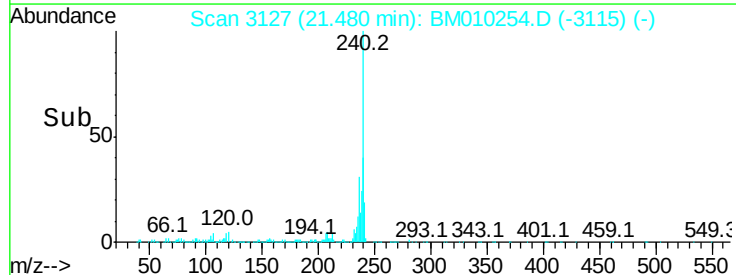
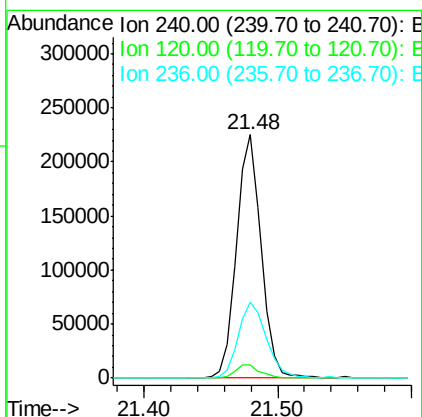
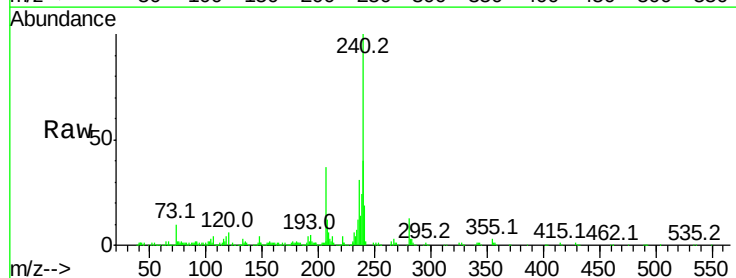
Instrument :
BNA_M
ClientSampleId :
SB-24COMP

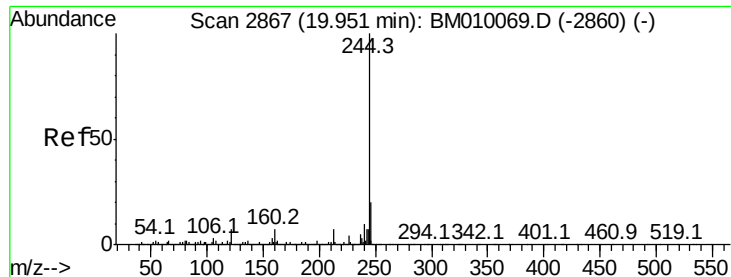
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.8	9.3	13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.03 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	31.4	20.0	30.0#





#78

Terphenyl-d14

Concen: 192.39 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

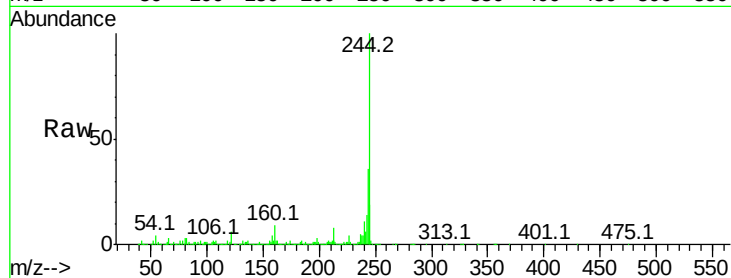
BNA_M

ClientSampleId :

SB-24COMP

Tot Ion:244 Resp: 2442730

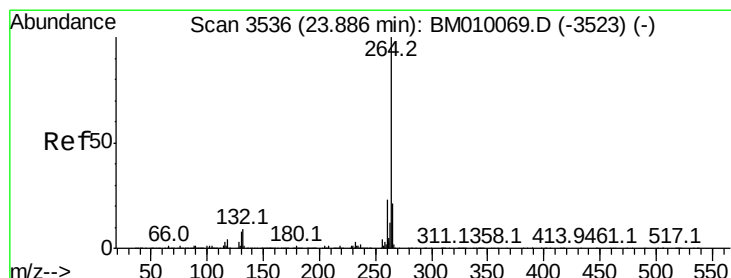
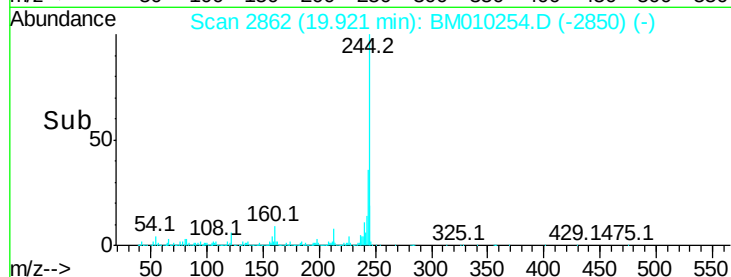
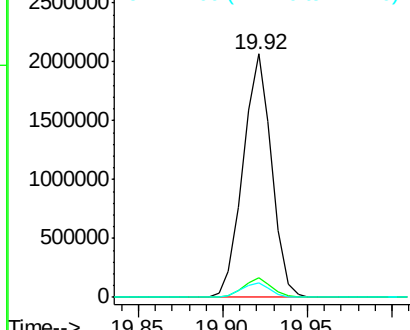
Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.1	6.2	9.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3528

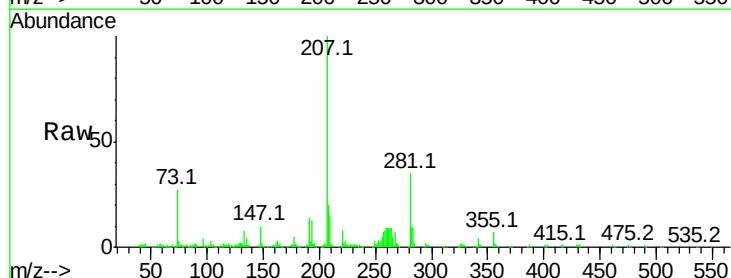
Delta R.T. -0.05 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion:264 Resp: 26863

Ion	Ratio	Lower	Upper
264	100		
260	104.2	18.6	27.8#
265	56.8	17.3	25.9#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

