

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010261.D
 Acq On : 26 May 2017 17:35
 Operator : SJ/MA
 Sample : I3349-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Quant Time: May 27 00:46:35 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	102993	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	335690	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	171304	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	544037	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	598835	20.00	ng	-0.03
86) Perylene-d12	23.83	264	82396	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	834791	146.37	ng	-0.03
7) Phenol-d6	7.13	99	838964	114.32	ng	-0.04
23) Nitrobenzene-d5	9.13	82	716540	115.16	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	518719	199.37	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1816676	136.33	ng	-0.04
78) Terphenyl-d14	19.92	244	3573250	135.68	ng	-0.03

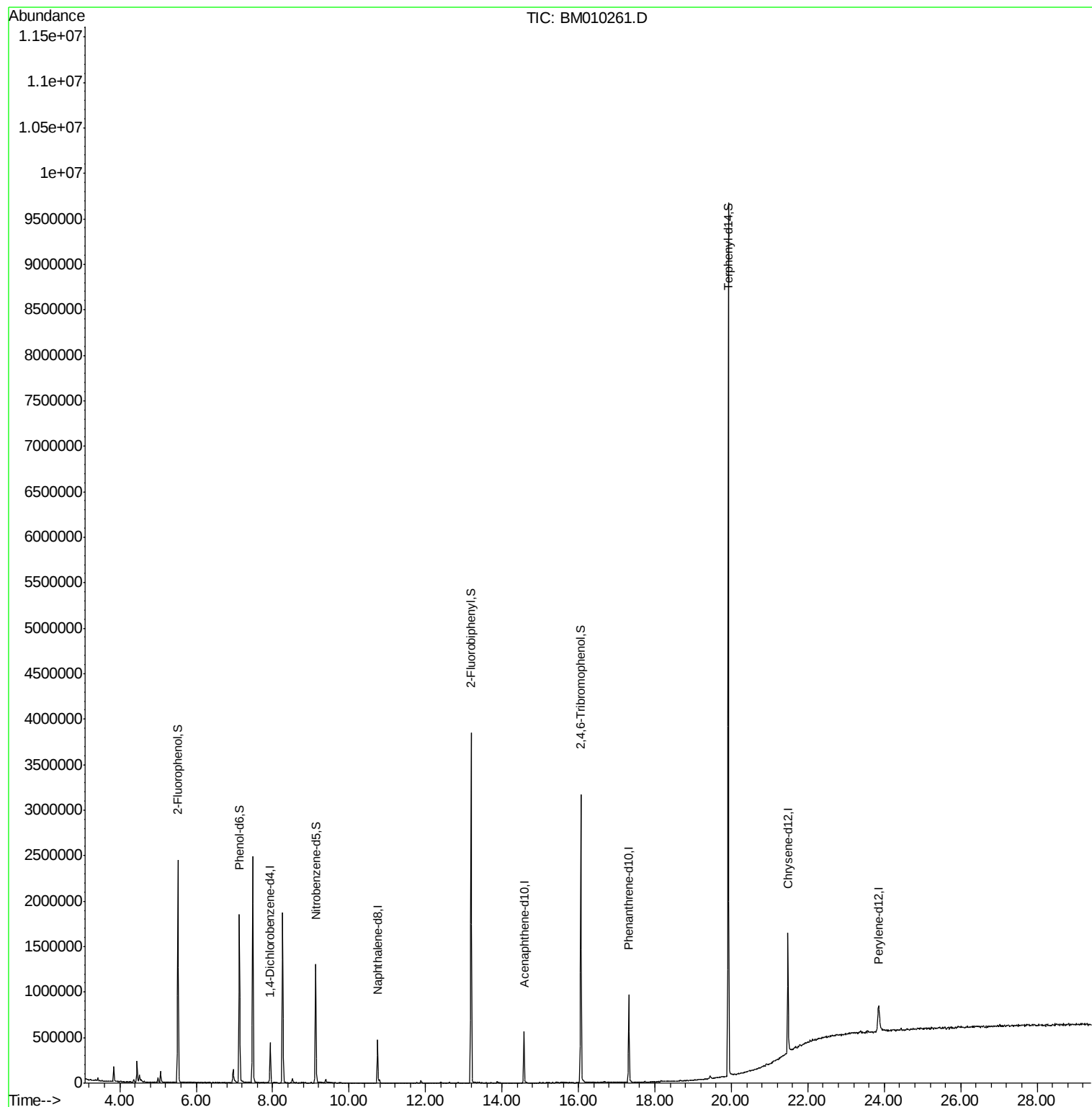
Target Compounds Qvalue

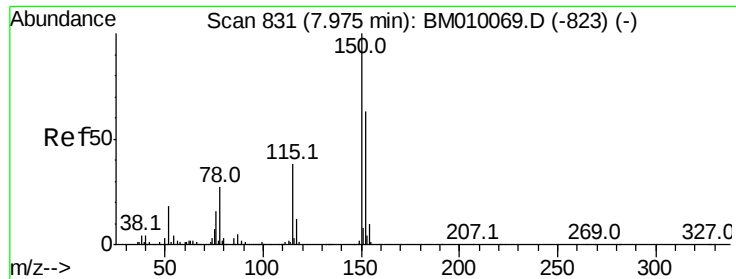
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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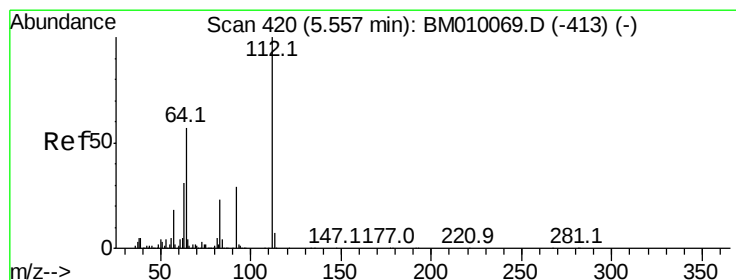
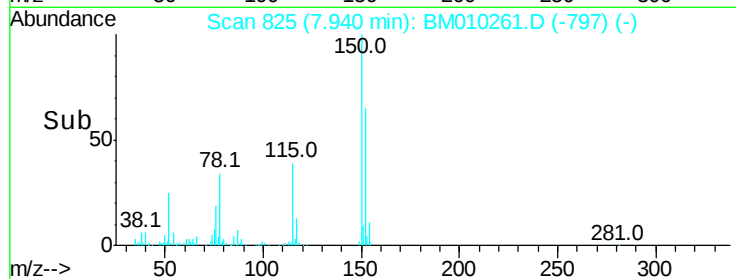
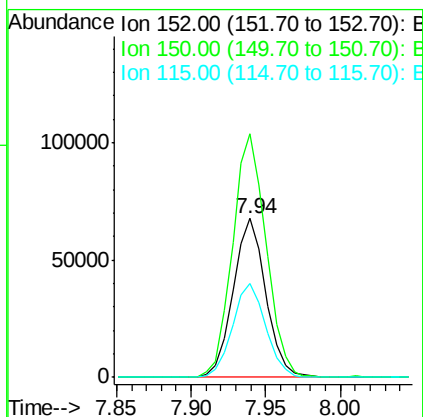
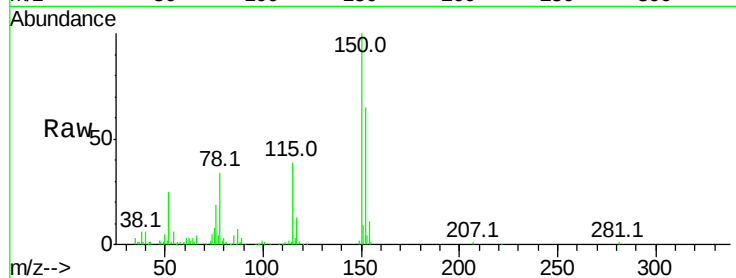


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.04 min
Lab File: BM010261.D
Acq: 26 May 2017 17:35

Instrument :
BNA_M
ClientSampled :
TP-4

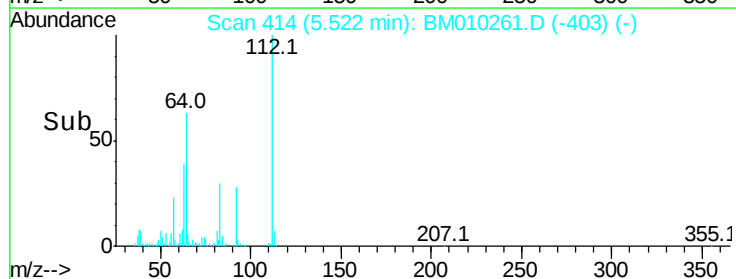
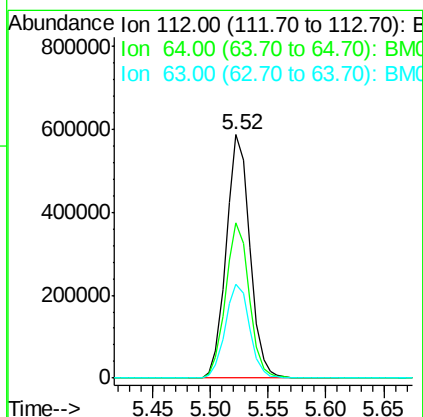
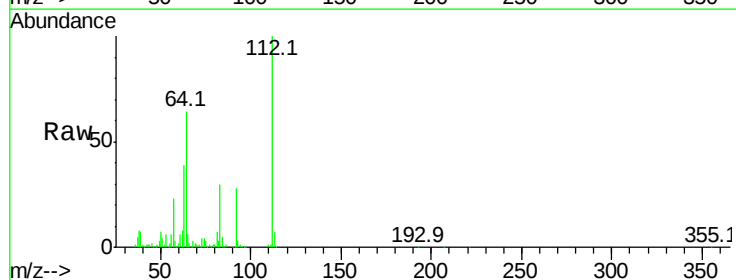
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	119.5	179.3
115	59.1	43.0	64.4



#5

2-Fluorophenol
Concen: 146.37 ng
RT: 5.52 min Scan# 414
Delta R.T. -0.03 min
Lab File: BM010261.D
Acq: 26 May 2017 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	38.6	57.8#
63	38.7	19.3	28.9#





#7

Phenol-d6

Concen: 114.32 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010261.D

Acq: 26 May 2017 17:35

Instrument :

BNA_M

ClientSampled :

TP-4

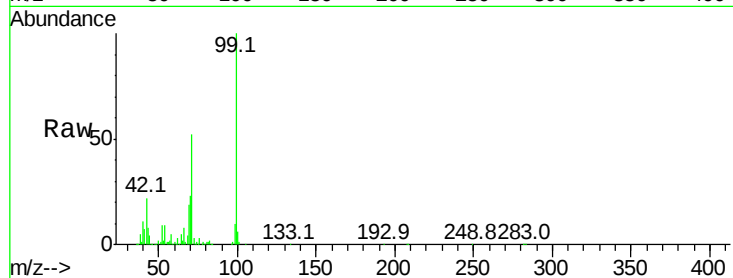
Tot Ion: 99 Resp: 838964

Ion Ratio Lower Upper

99 100

42 22.0 11.0 16.4#

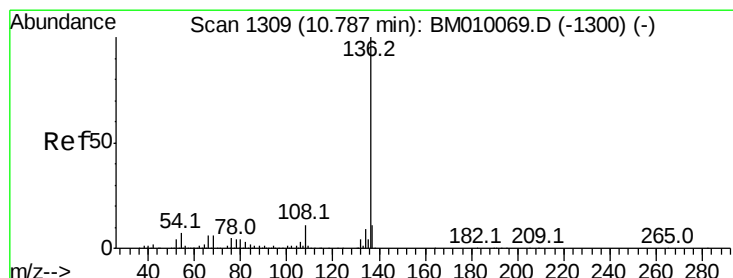
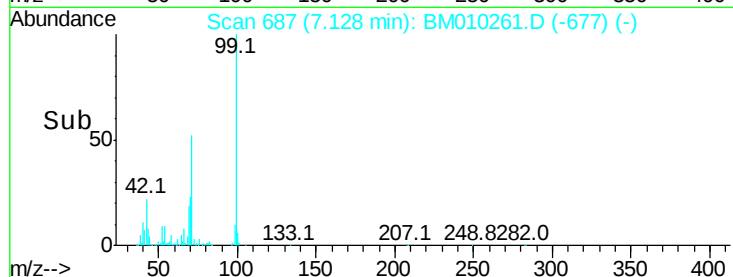
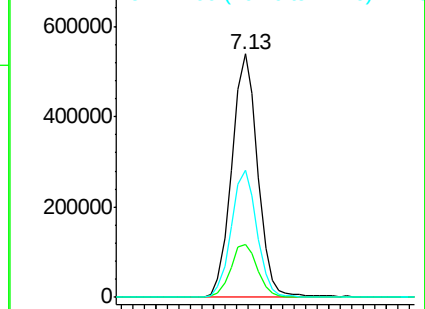
71 52.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010261.D

Acq: 26 May 2017 17:35

Tgt Ion: 136 Resp: 335690

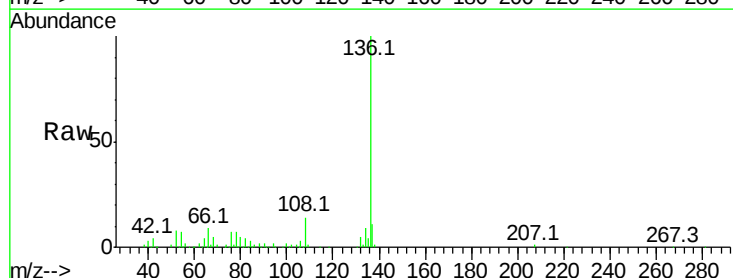
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 7.3 4.6 6.8#

68 5.3 3.7 5.5

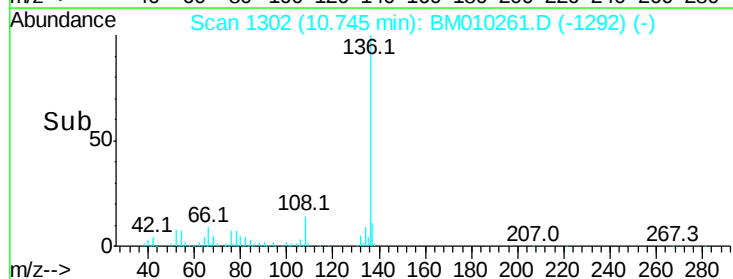
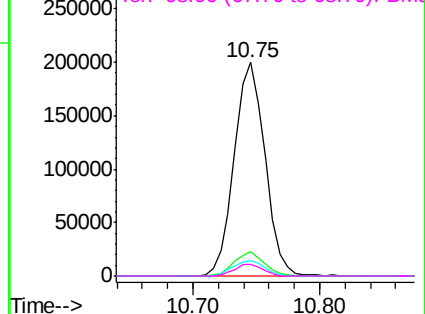


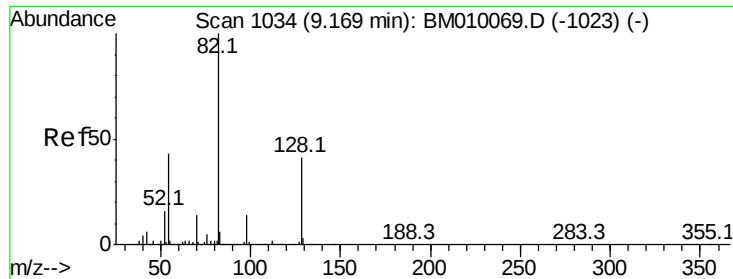
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

Ion 137.00 (136.70 to 137.70): BM010069.D (-1300) (-)

Ion 54.00 (53.70 to 54.70): BM010069.D (-1300) (-)

Ion 68.00 (67.70 to 68.70): BM010069.D (-1300) (-)

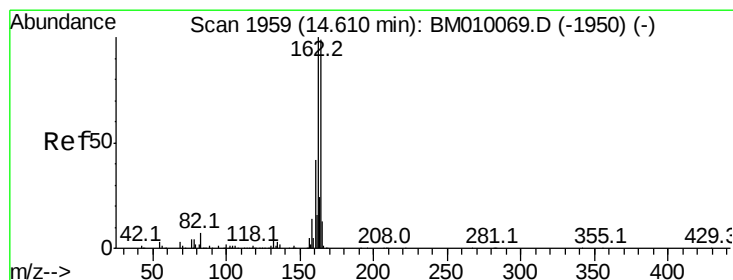
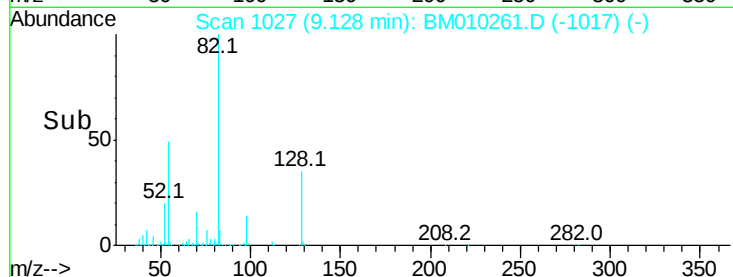
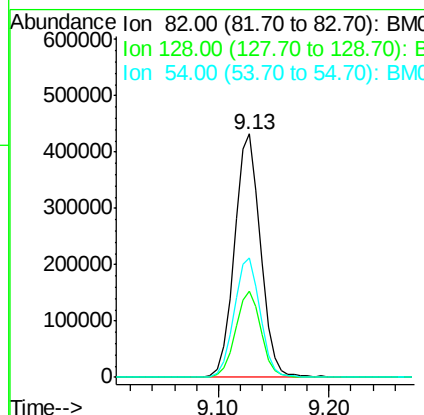
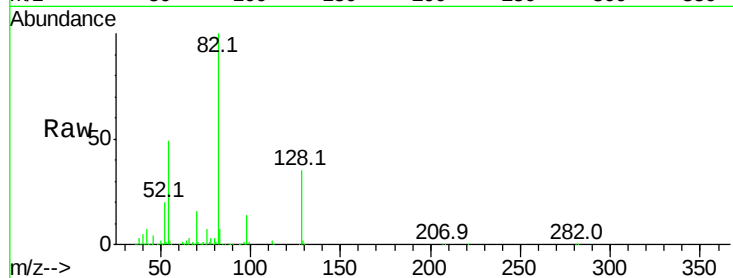




#23
 Nitrobenzene-d5
 Concen: 115.16 ng
 RT: 9.13 min Scan# 1027
 Delta R.T. -0.04 min
 Lab File: BM010261.D
 Acq: 26 May 2017 17:35

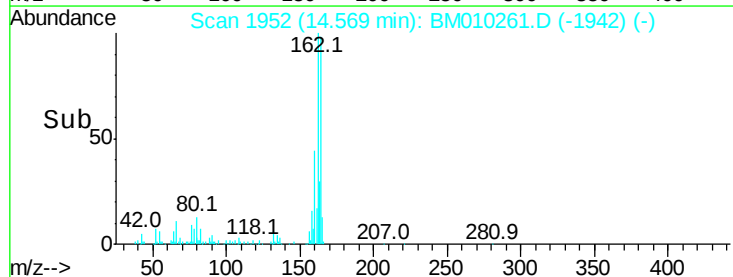
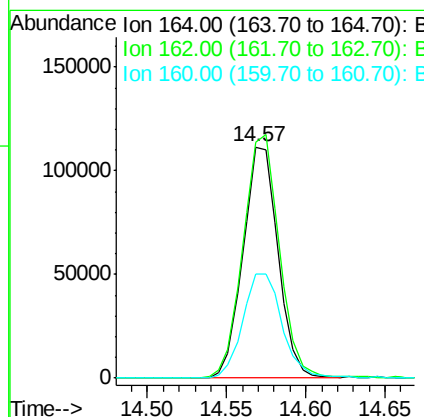
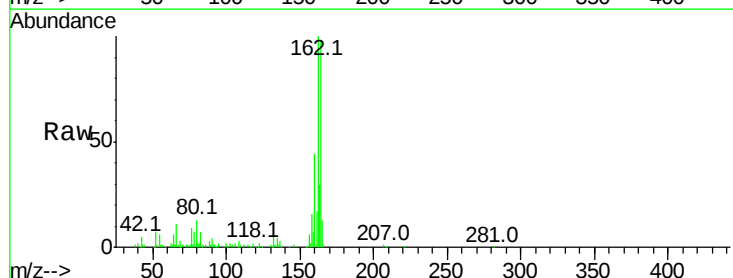
Instrument :
 BNA_M
 ClientSampleId :
 TP-4

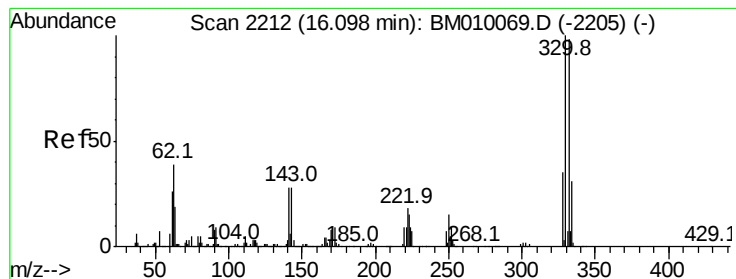
Tot Ion	82	Resp	716540
Ion	Ratio	Lower	Upper
82	100		
128	35.3	32.8	49.2
54	48.9	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.57 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: BM010261.D
 Acq: 26 May 2017 17:35

Tgt Ion	164	Resp	171304
Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	45.3	35.8	53.6

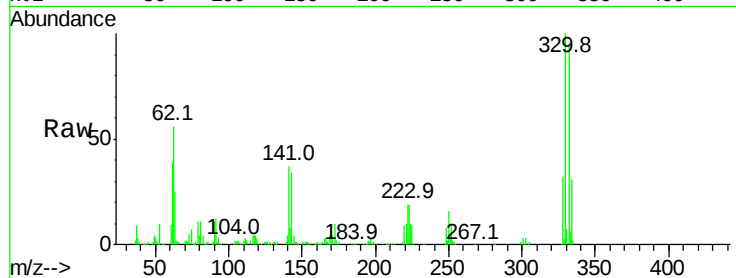




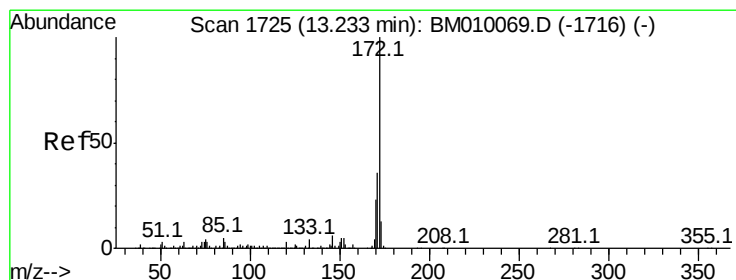
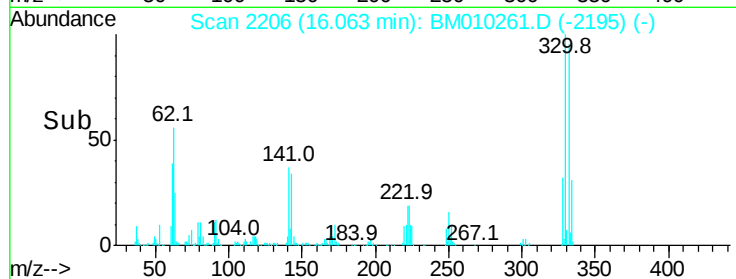
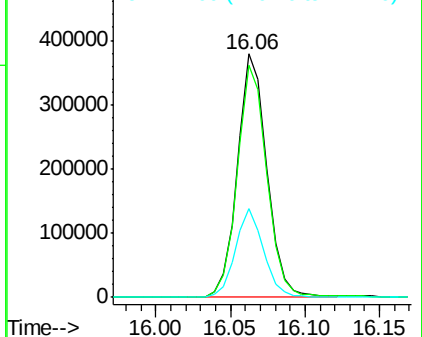
#41
 2,4,6-Tribromophenol
 Concen: 199.37 ng
 RT: 16.06 min Scan# 2206
 Delta R.T. -0.04 min
 Lab File: BM010261.D
 Acq: 26 May 2017 17:35

Instrument :
 BNA_M
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	35.3	0.0	0.0#

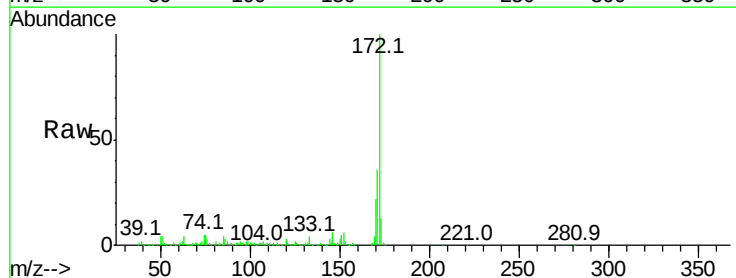


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

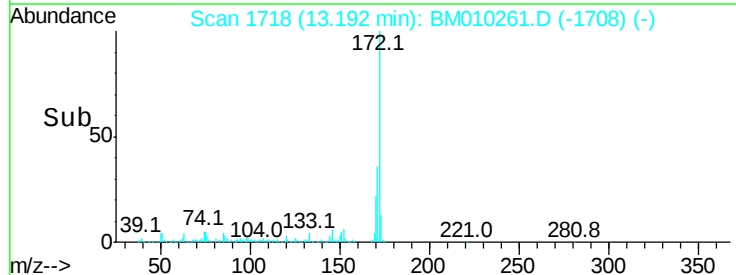
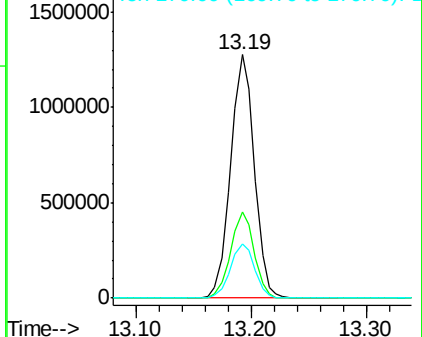


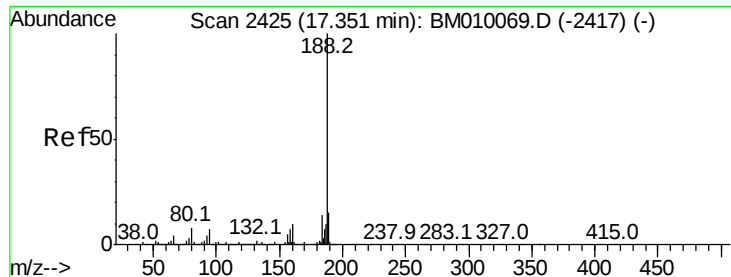
#44
 2-Fluorobiphenyl
 Concen: 136.33 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. -0.04 min
 Lab File: BM010261.D
 Acq: 26 May 2017 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	22.3	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: BM010261.D

Acq: 26 May 2017 17:35

Instrument :

BNA_M

ClientSampled :

TP-4

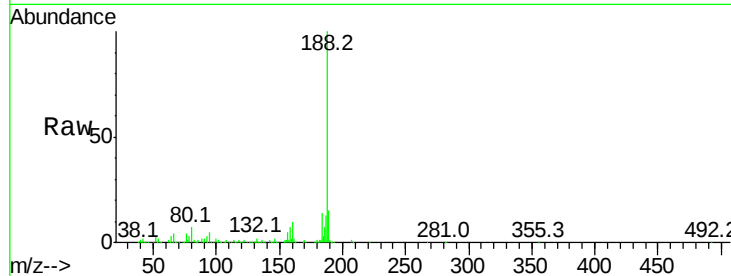
Tot Ion:188 Resp: 544037

Ion Ratio Lower Upper

188 100

94 5.2 8.7 13.1#

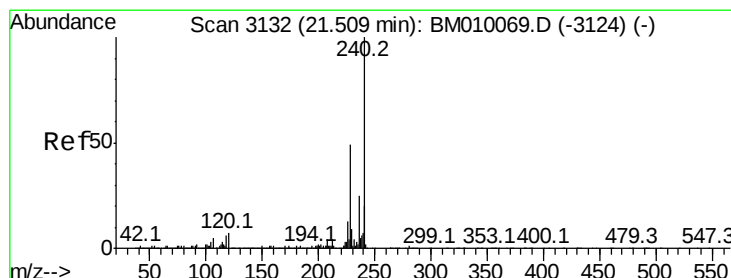
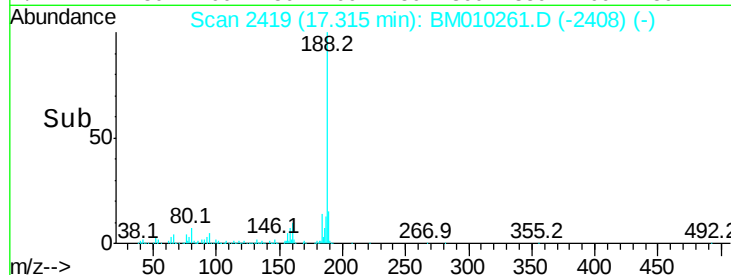
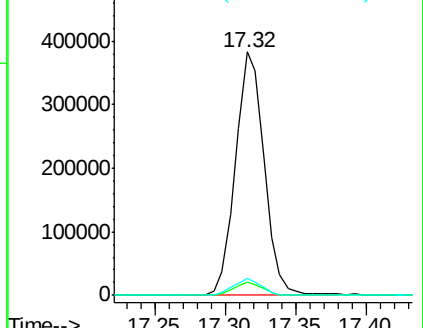
80 6.8 9.3 13.9#



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: 21.48 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BM010261.D

Acq: 26 May 2017 17:35

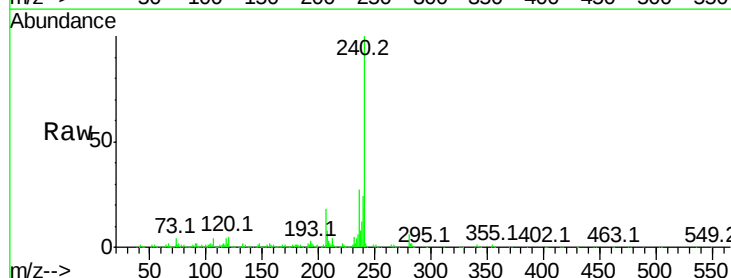
Tgt Ion:240 Resp: 598835

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

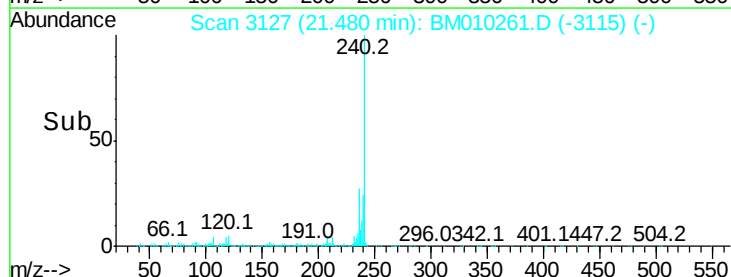
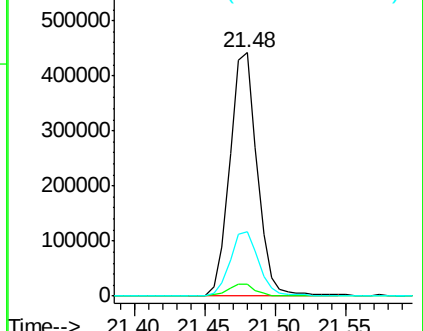
236 26.6 20.0 30.0

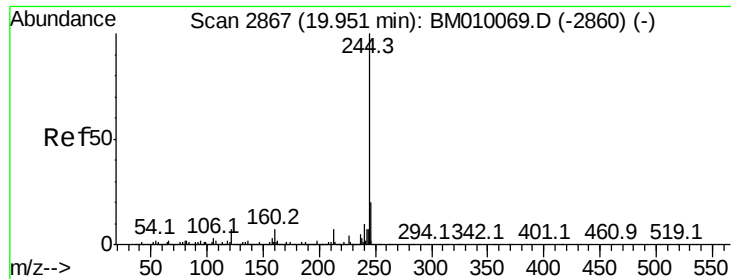


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 135.68 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.03 min

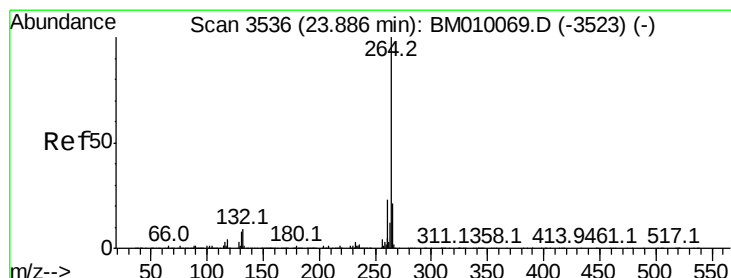
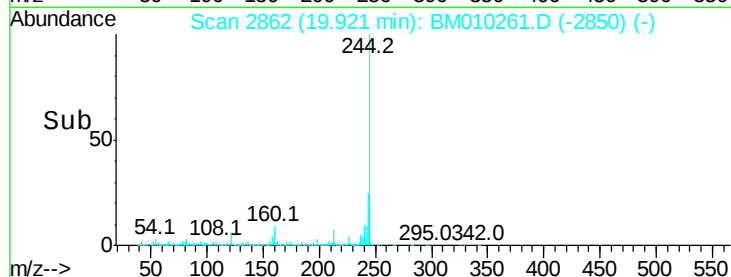
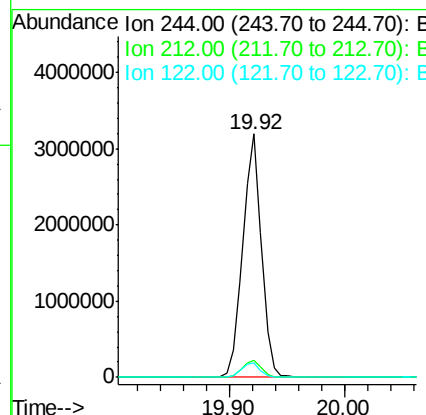
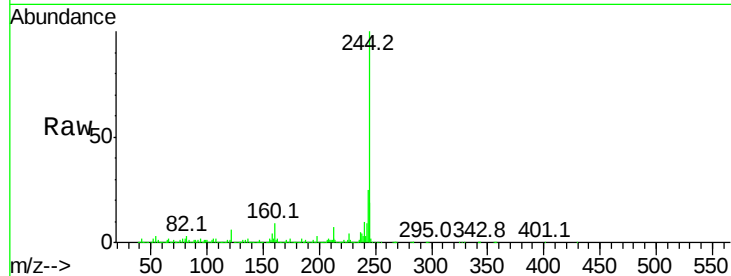
Lab File: BM010261.D

Acq: 26 May 2017 17:35

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TP-4

Tot Ion:244 Resp: 3573250

Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	5.7	6.2	9.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.83 min Scan# 3527

Delta R.T. -0.05 min

Lab File: BM010261.D

Acq: 26 May 2017 17:35

Tgt Ion:264 Resp: 82396

Ion	Ratio	Lower	Upper
264	100		
260	42.4	18.6	27.8#
265	32.5	17.3	25.9#

