

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010242.D
 Acq On : 26 May 2017 06:10
 Operator : SJ/MA
 Sample : I3331-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-21COMP

Quant Time: May 26 08:04:23 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 07:20:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	107463	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	350245	20.00	ng	0.00
38) Acenaphthene-d10	14.57	164	225231	20.00	ng	0.00
63) Phenanthrene-d10	17.32	188	606821	20.00	ng	0.00
75) Chrysene-d12	21.48	240	893044	20.00	ng	0.00
86) Perylene-d12	23.84	264	834080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	794715	133.55	ng	0.00
7) Phenol-d6	7.13	99	858988	112.18	ng	0.00
23) Nitrobenzene-d5	9.13	82	691360	106.50	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	528946	154.63	ng	0.00
44) 2-Fluorobiphenyl	13.20	172	1744946	99.60	ng	0.00
78) Terphenyl-d14	19.92	244	3763640	95.83	ng	0.00

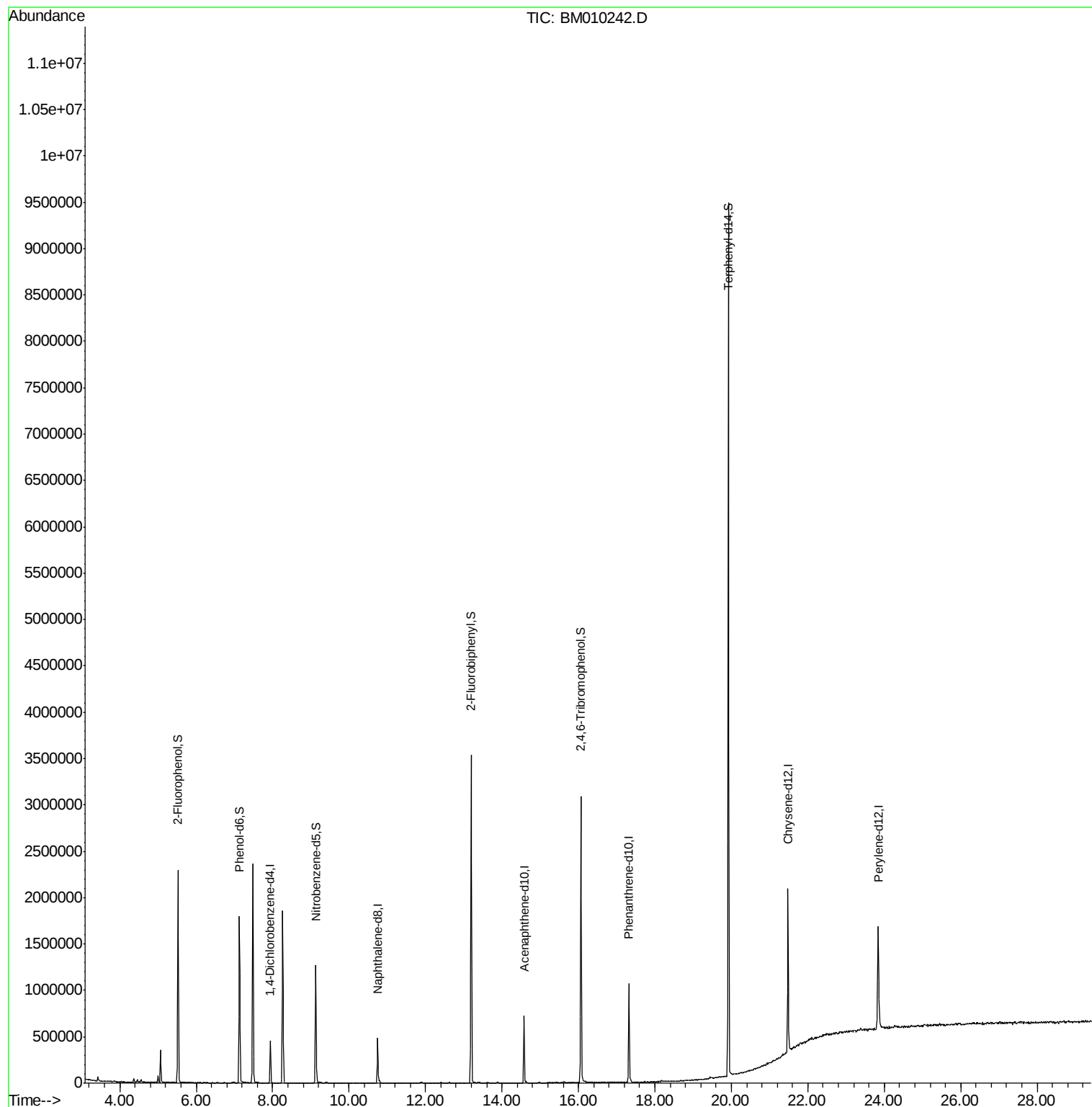
Target Compounds	Qvalue
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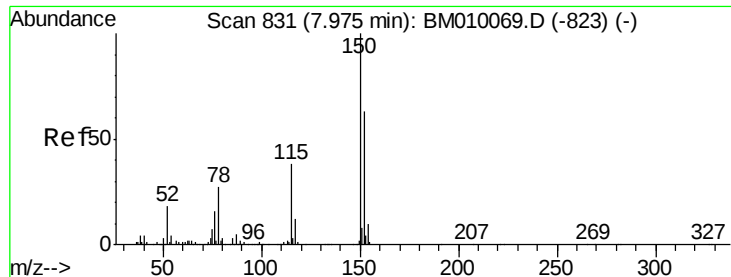
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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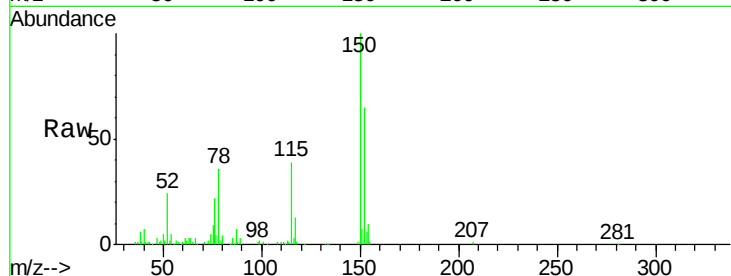


#1

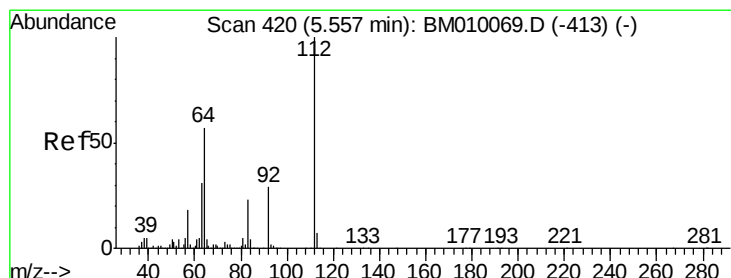
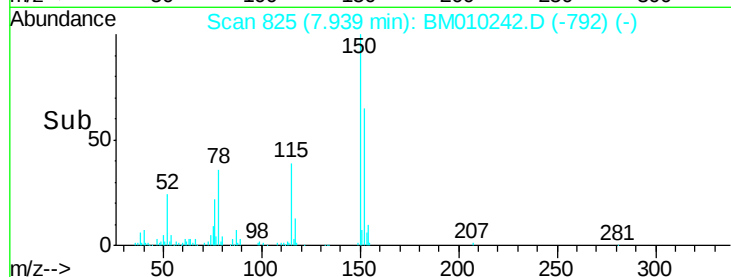
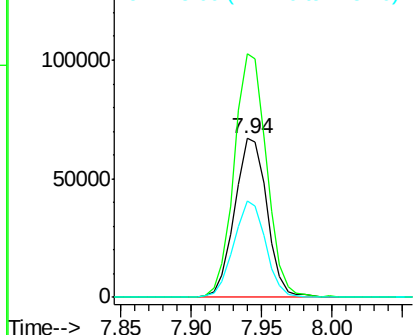
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

Instrument :
BNA_M
ClientSampleId :
SB-21COMP

Tgt Ion:152 Resp: 107463
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 60.5 43.0 64.4



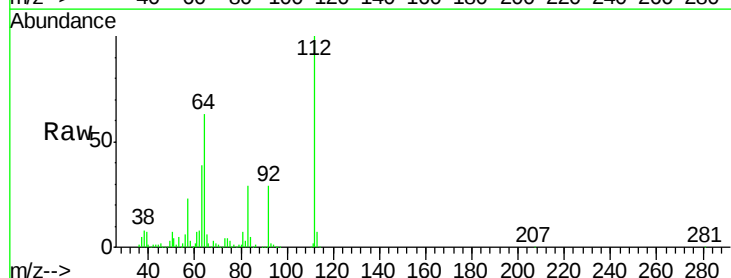
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



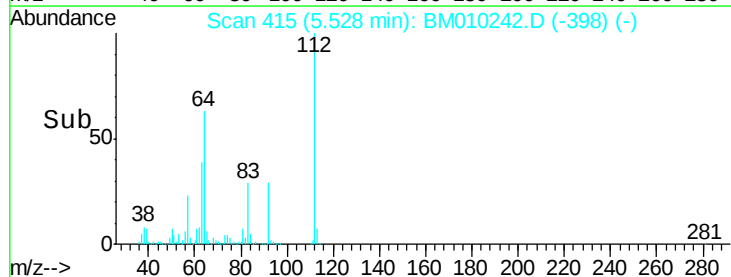
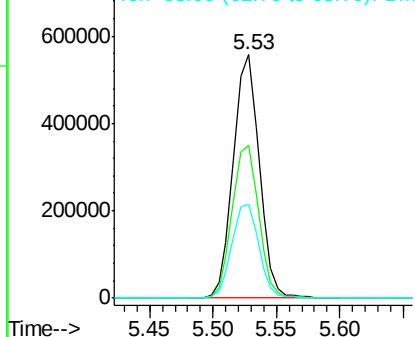
#5

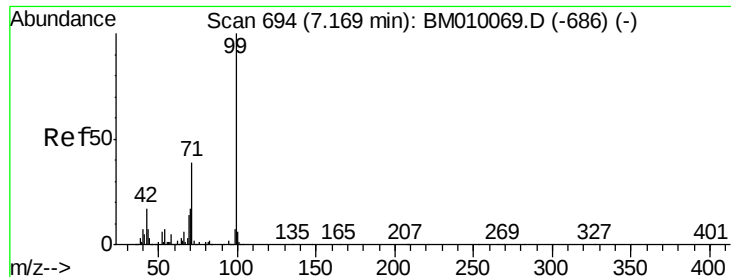
2-Fluorophenol
Concen: 133.55 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.00 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

Tgt Ion:112 Resp: 794715
Ion Ratio Lower Upper
112 100
64 62.6 38.6 57.8#
63 38.7 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: 112.18 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010242.D

Acq: 26 May 2017 06:10

Instrument :

BNA_M

ClientSampleId :

SB-21COMP

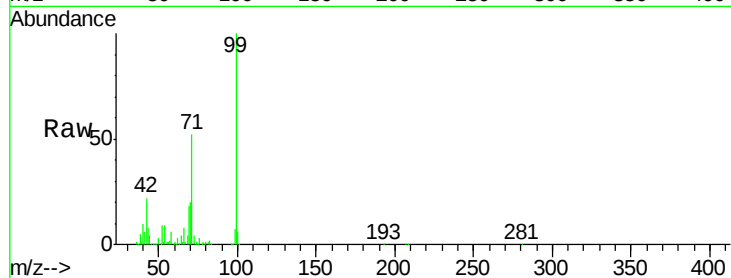
Tgt Ion: 99 Resp: 858988

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

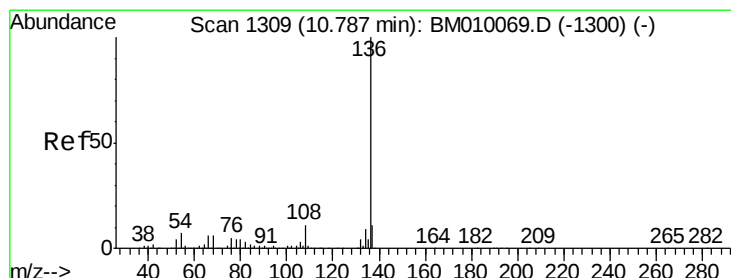
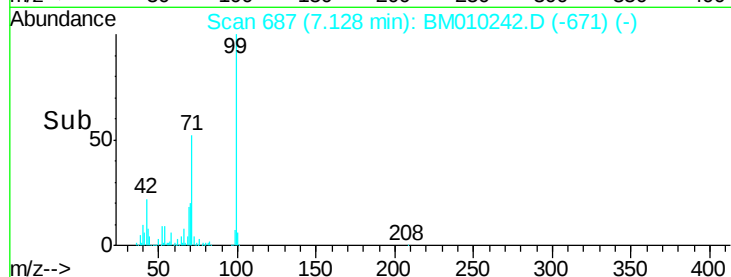
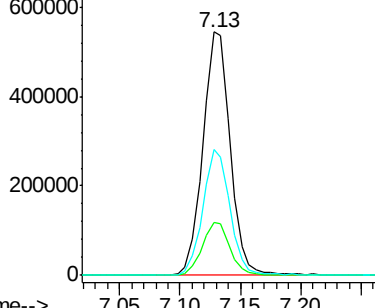
71 51.8 23.4 35.2#



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. -0.01 min

Lab File: BM010242.D

Acq: 26 May 2017 06:10

Tgt Ion: 136 Resp: 350245

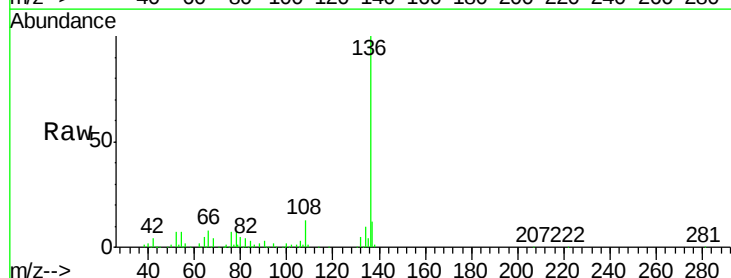
Ion Ratio Lower Upper

136 100

137 12.4 8.7 13.1

54 6.7 4.6 6.8

68 4.4 3.7 5.5

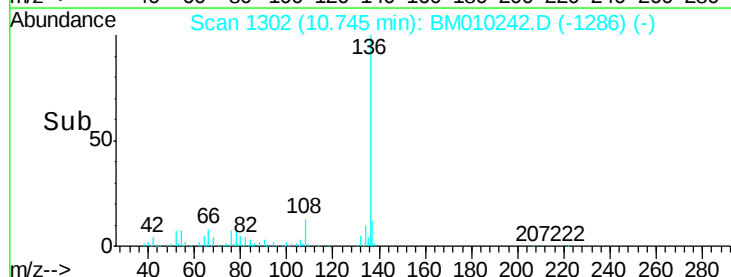
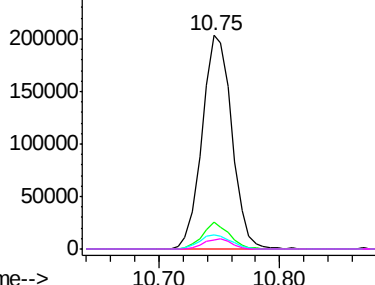


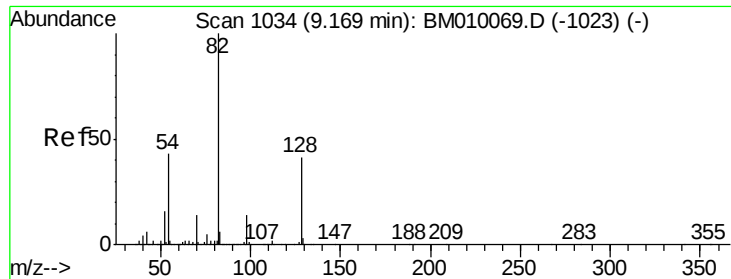
Abundance Ion 136.00 (135.70 to 136.70): BM010069.D (-1300) (-)

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) (-)

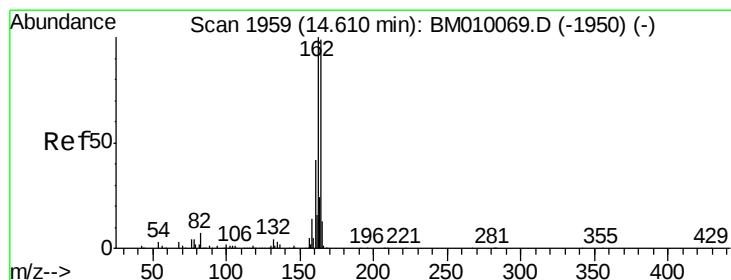
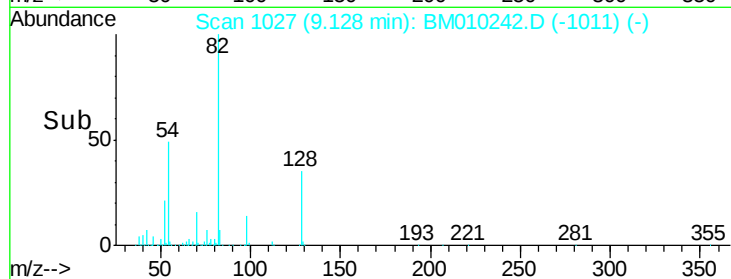
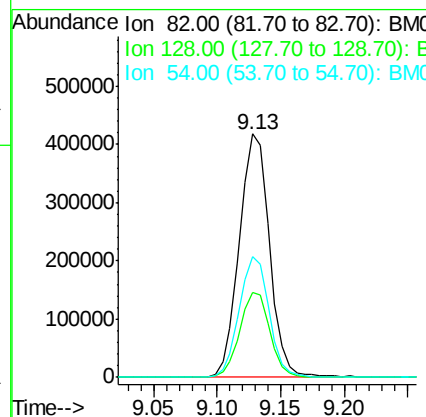
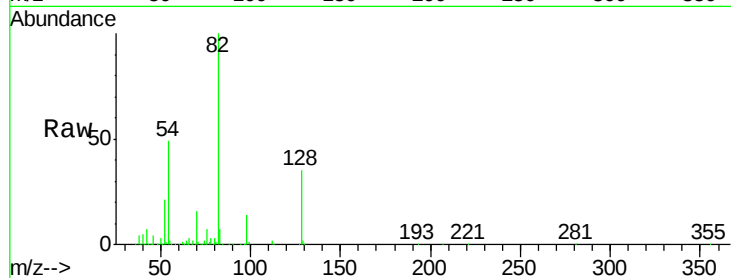




#23
Nitrobenzene-d5
Concen: 106.50 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

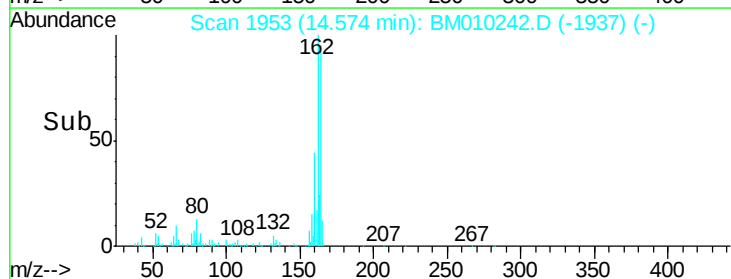
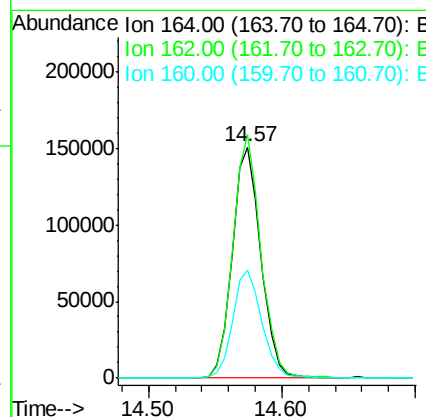
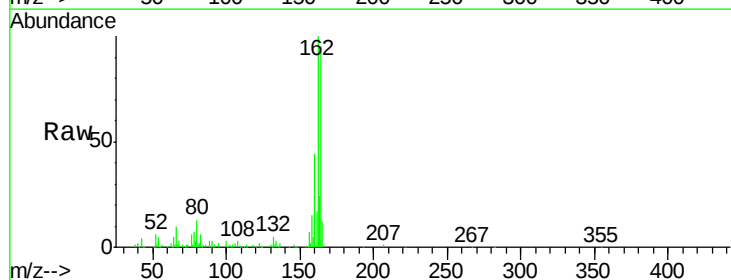
Instrument :
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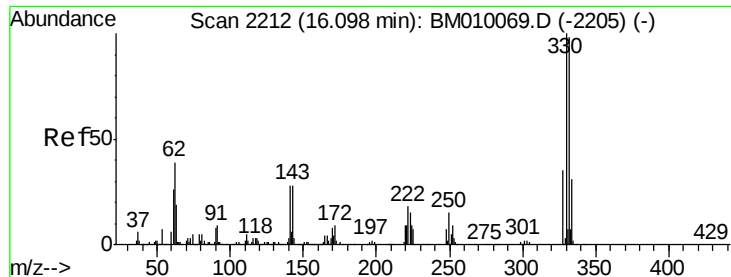
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	32.8	49.2
54	49.4	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	82.4	123.6
160	46.8	35.8	53.6

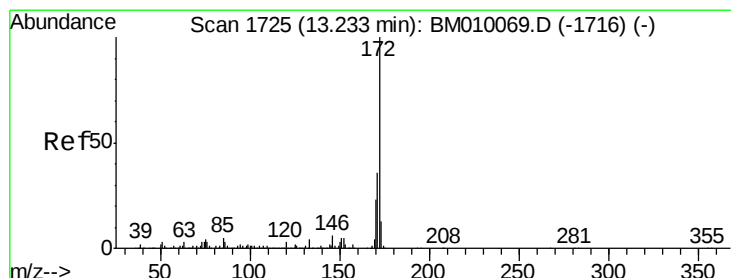
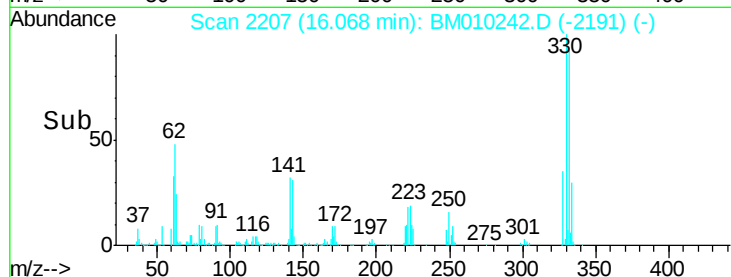
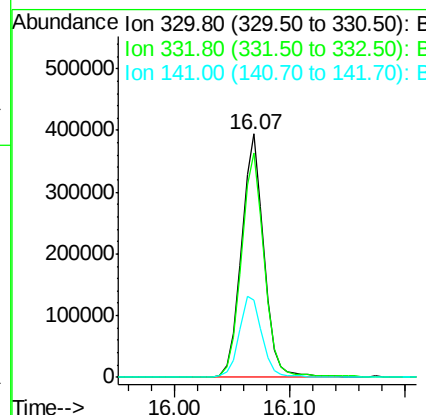
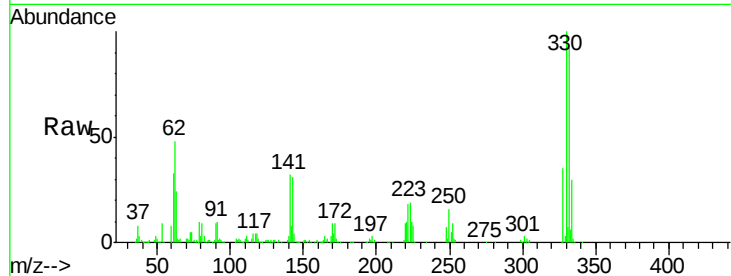




#41
2,4,6-Tribromophenol
Concen: 154.63 ng
RT: 16.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

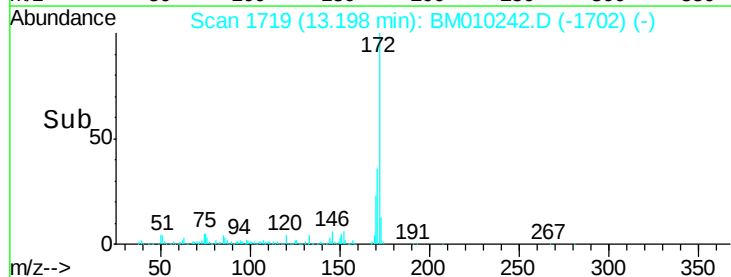
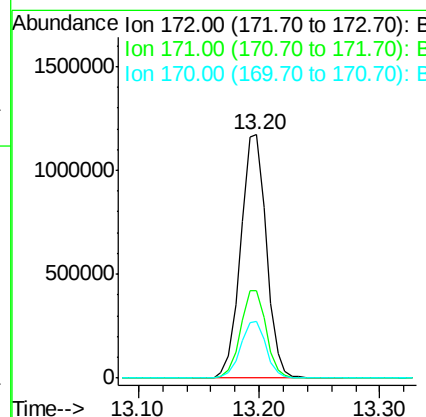
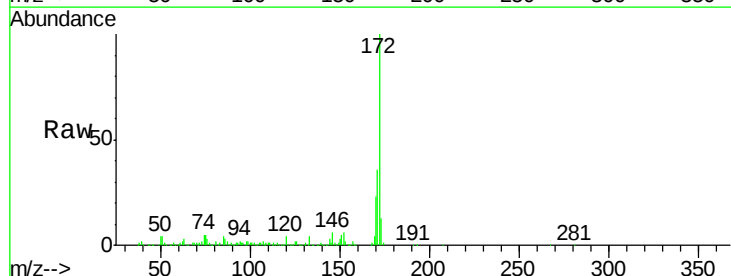
Instrument :
BNA_M
ClientSampleId :
SB-21COMP

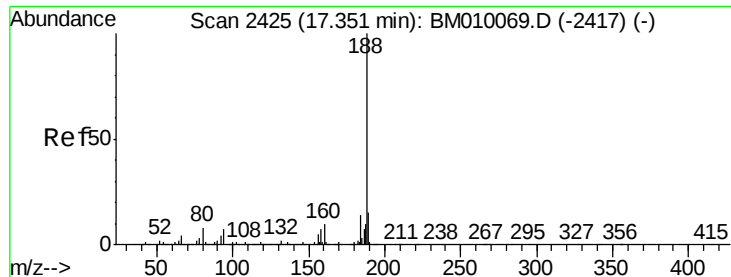
Tgt Ion:330 Resp: 528946
Ion Ratio Lower Upper
330 100
332 94.1 0.0 0.0#
141 34.1 0.0 0.0#



#44
2-Fluorobiphenyl
Concen: 99.60 ng
RT: 13.20 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

Tgt Ion:172 Resp: 1744946
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.4 18.8 28.2

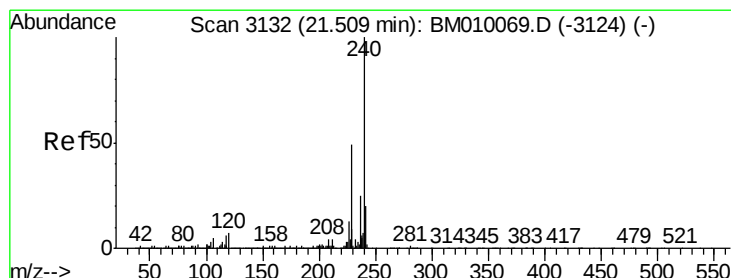
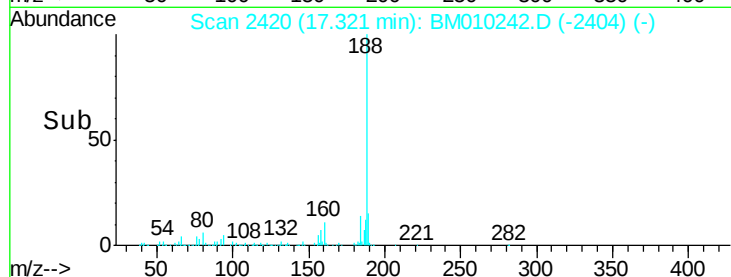
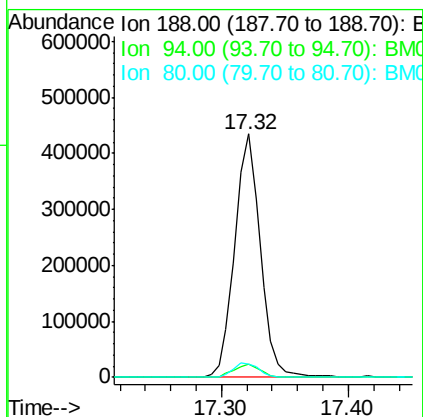
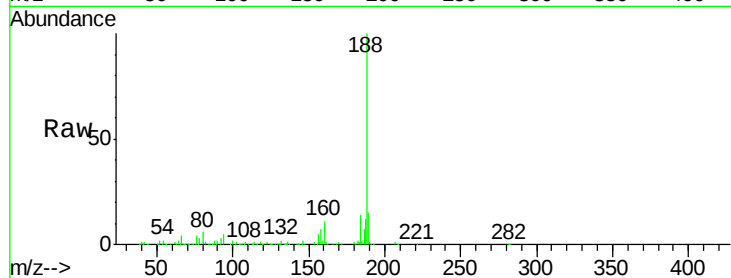




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.32 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

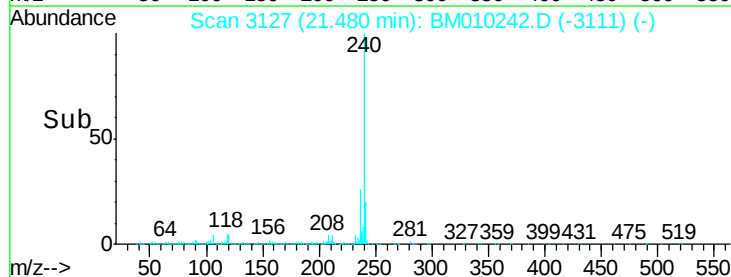
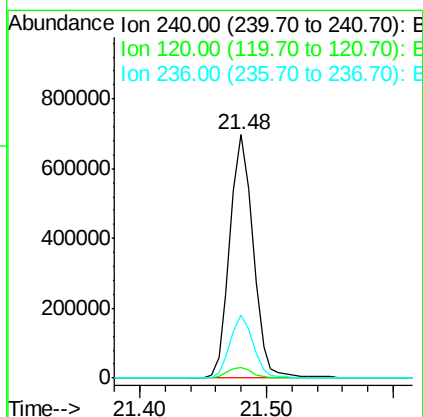
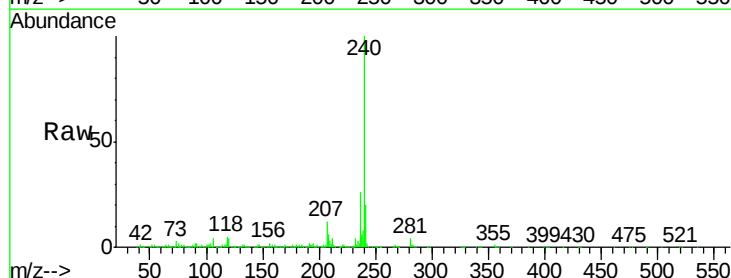
Instrument :
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ClientSampleId :
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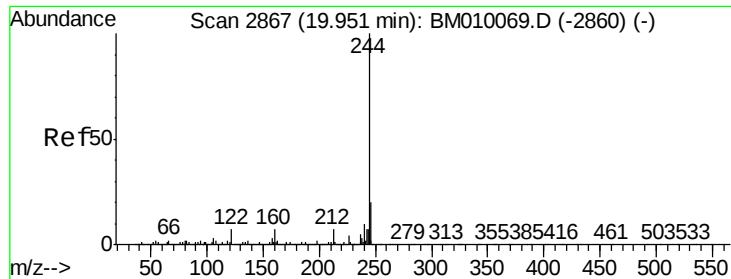
Tgt Ion:188 Resp: 606821
Ion Ratio Lower Upper
188 100
94 5.3 8.7 13.1#
80 5.5 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM010242.D
Acq: 26 May 2017 06:10

Tgt Ion:240 Resp: 893044
Ion Ratio Lower Upper
240 100
120 4.5 8.2 12.2#
236 25.7 20.0 30.0





#78

Terphenyl-d14

Concen: 95.83 ng

RT: 19.92 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BM010242.D

Acq: 26 May 2017 06:10

Instrument :

BNA_M

ClientSampleId :

SB-21COMP

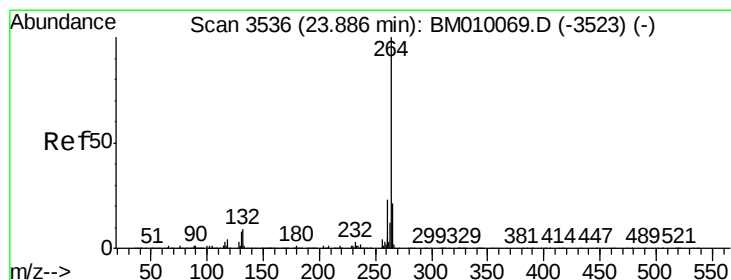
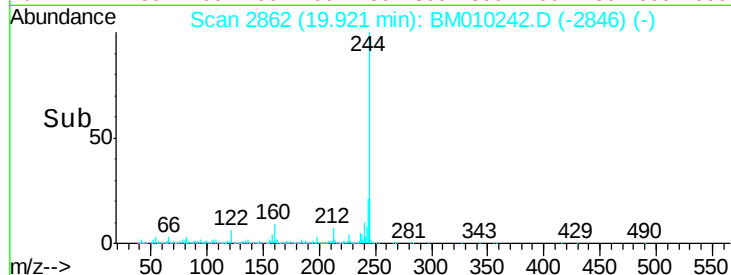
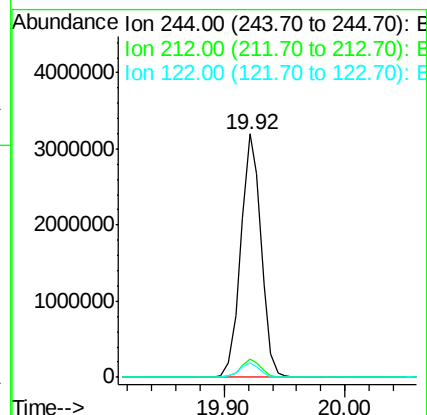
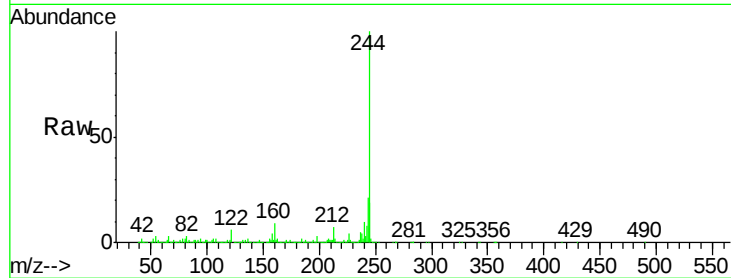
Tgt Ion:244 Resp: 3763640

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# 3528

Delta R.T. -0.01 min

Lab File: BM010242.D

Acq: 26 May 2017 06:10

Tgt Ion:264 Resp: 834080

Ion Ratio Lower Upper

264 100

260 24.7 18.6 27.8

265 22.2 17.3 25.9

