

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010158.D
 Acq On : 24 May 2017 01:23
 Operator : SJ/MA
 Sample : I3248-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-9-4.5-5

Quant Time: May 24 06:34:20 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

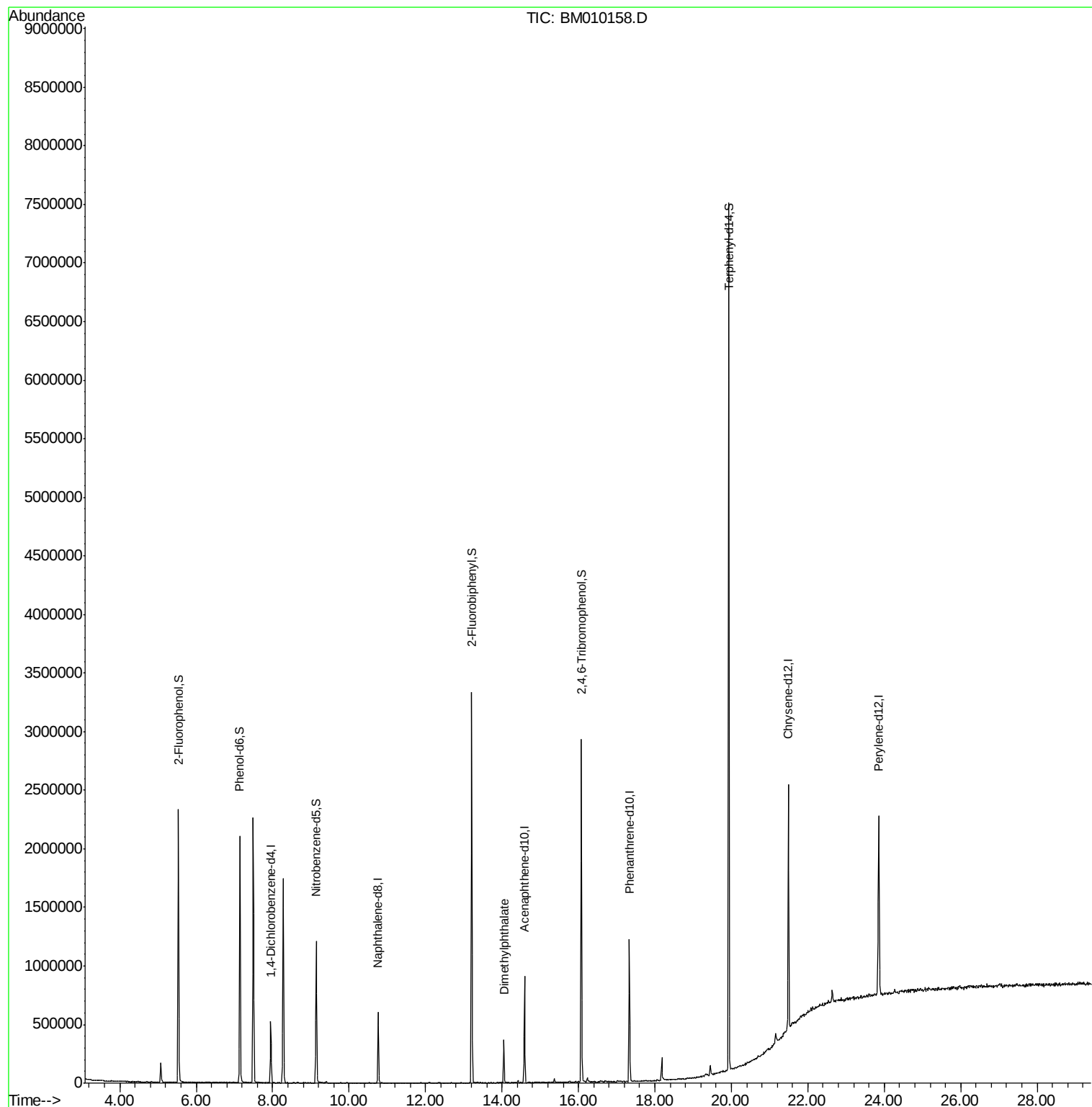
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	127035	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	442702	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	284014	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	727872	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1099559	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1221591	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	832643	118.36	ng	-0.02
7) Phenol-d6	7.14	99	1039936	114.89	ng	-0.03
23) Nitrobenzene-d5	9.14	82	667599	81.36	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	511341	118.54	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1612938	73.01	ng	-0.02
78) Terphenyl-d14	19.93	244	2947333	60.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.05	163	216167	8.53	ng	Qvalue # 97

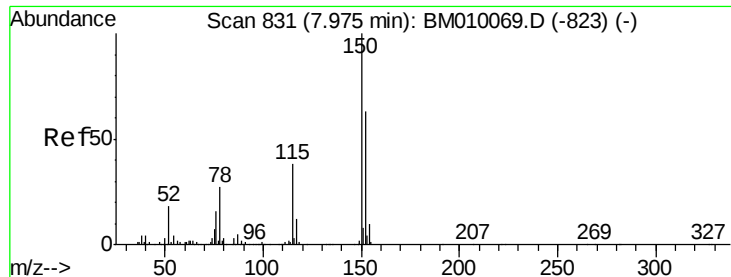
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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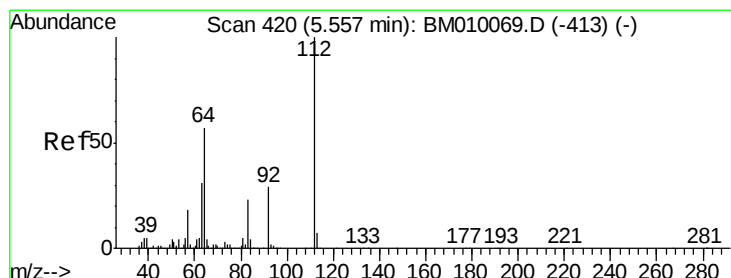
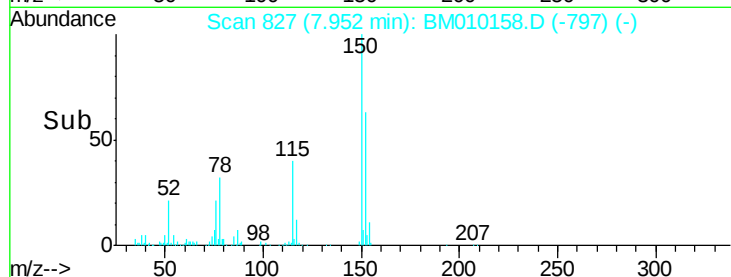
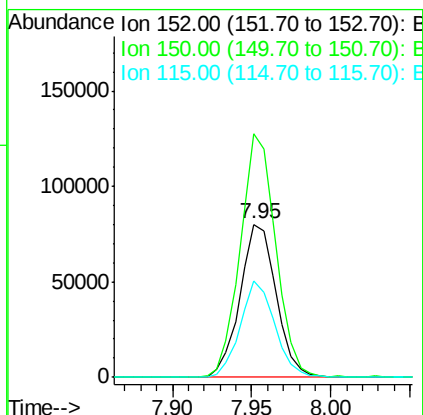
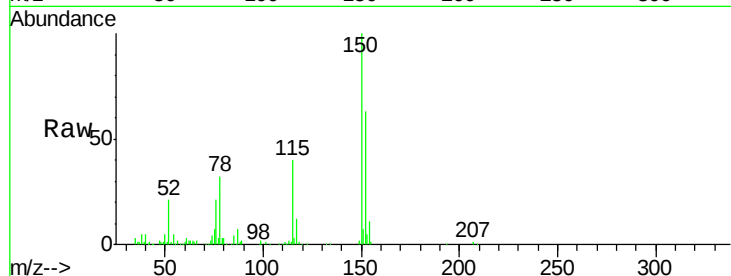


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010158.D
Acq: 24 May 2017 01:23

Instrument :
BNA_M
ClientSampleId :
SB-9-4.5-5

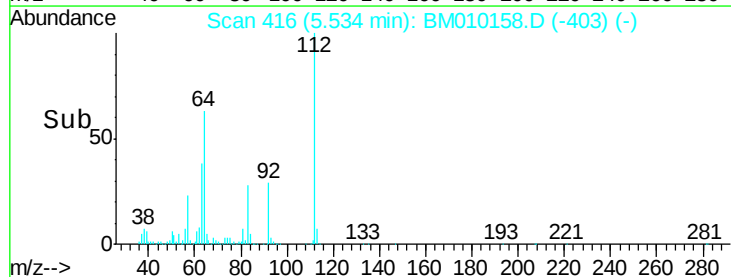
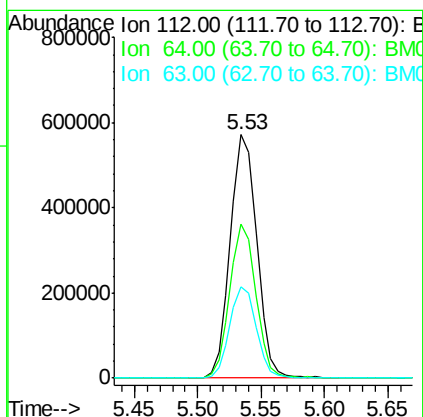
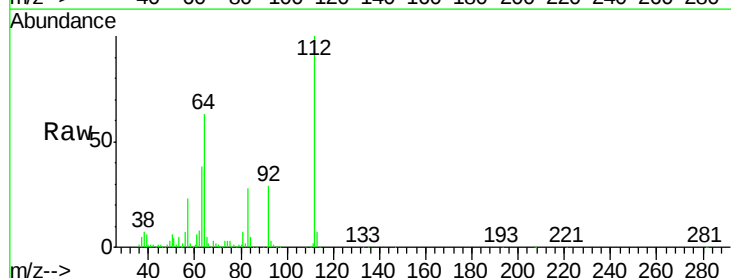
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	63.2	43.0	64.4

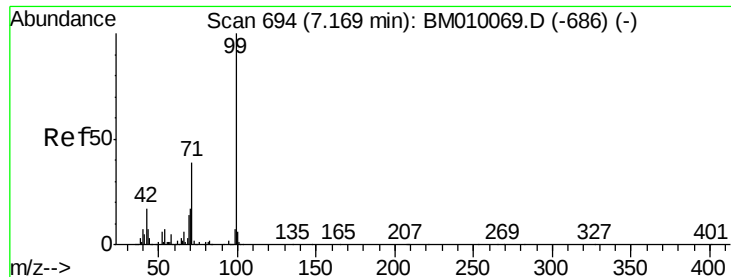


#5

2-Fluorophenol
Concen: 118.36 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.02 min
Lab File: BM010158.D
Acq: 24 May 2017 01:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	38.6	57.8#
63	37.6	19.3	28.9#





#7

Phenol-d6

Concen: 114.89 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.03 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

Instrument :

BNA_M

ClientSampleId :

SB-9-4.5-5

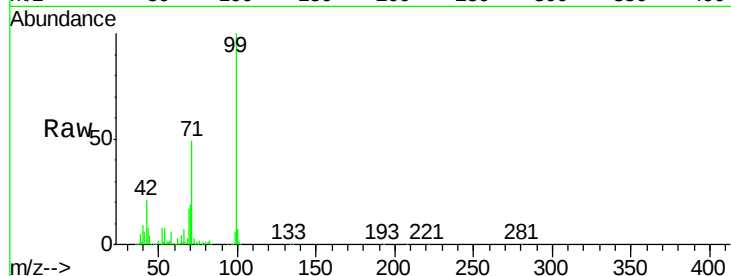
Tgt Ion: 99 Resp: 1039936

Ion Ratio Lower Upper

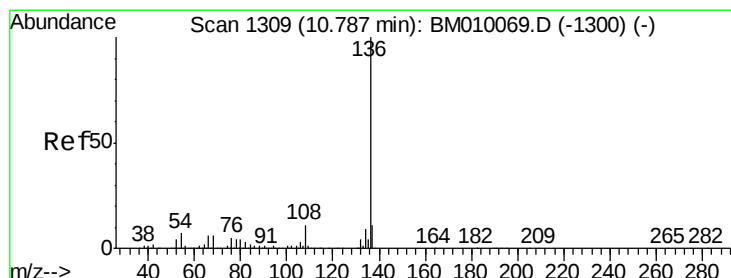
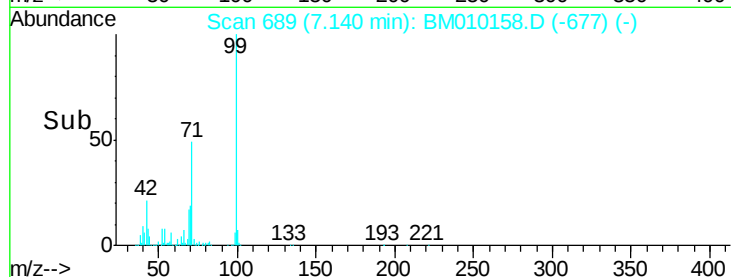
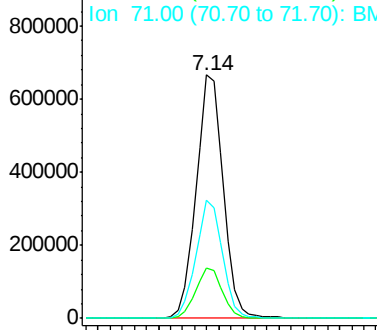
99 100

42 20.7 11.0 16.4#

71 48.5 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010158.D (-677) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

Tgt Ion: 136 Resp: 442702

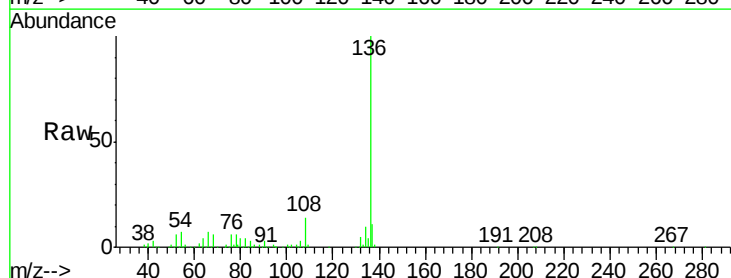
Ion Ratio Lower Upper

136 100

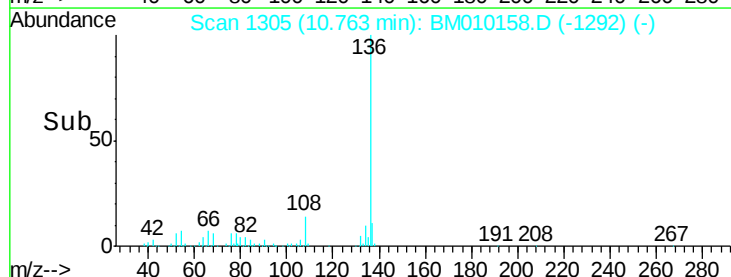
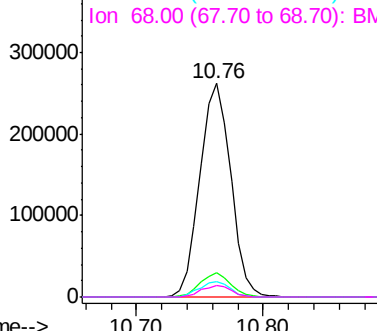
137 11.3 8.7 13.1

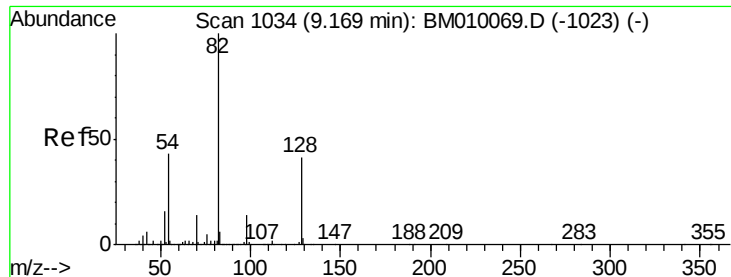
54 6.9 4.6 6.8#

68 5.6 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM010158.D (-1292) (-)

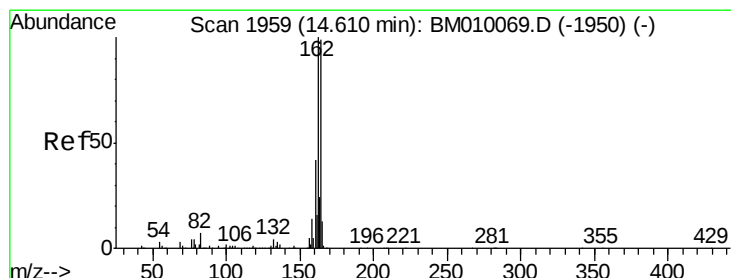
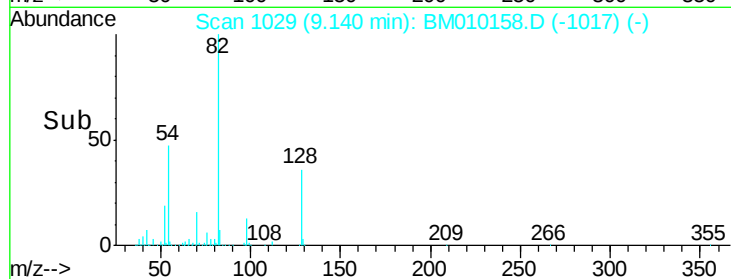
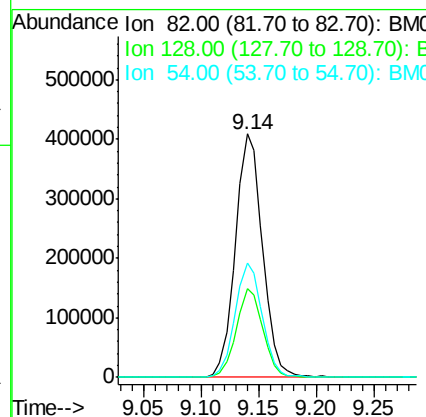
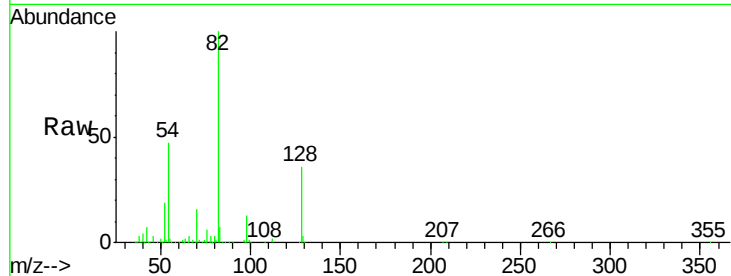




#23
 Nitrobenzene-d5
 Concen: 81.36 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010158.D
 Acq: 24 May 2017 01:23

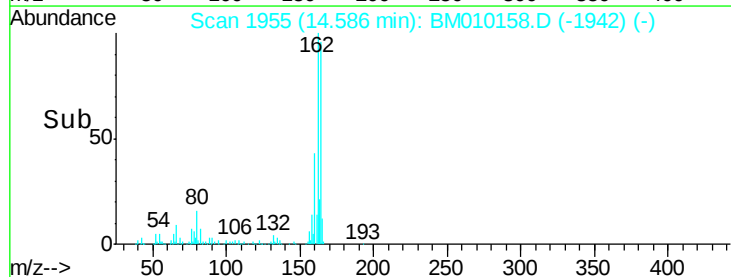
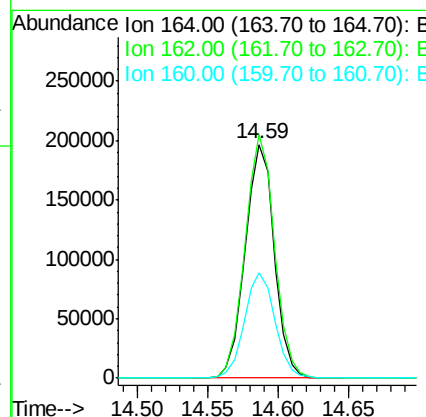
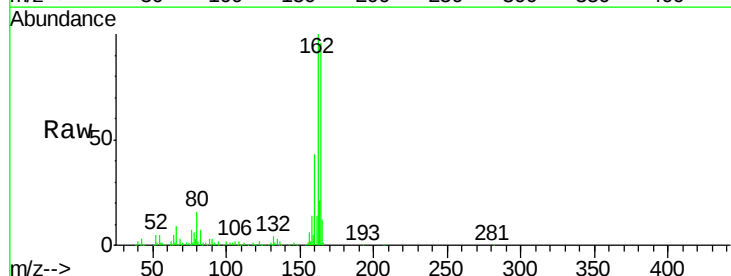
Instrument :
 BNA_M
 ClientSampleId :
 SB-9-4.5-5

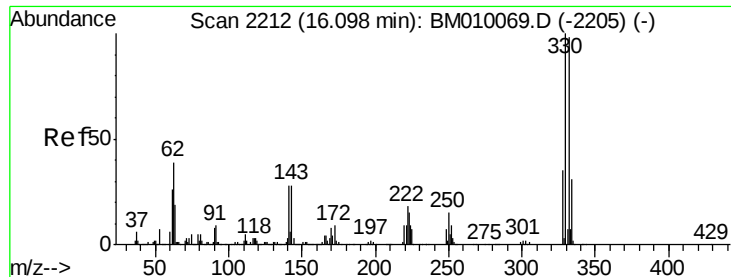
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.3	32.8	49.2
54	46.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010158.D
 Acq: 24 May 2017 01:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.4	123.6
160	45.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 118.54 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

Instrument :

BNA_M

ClientSampleId :

SB-9-4.5-5

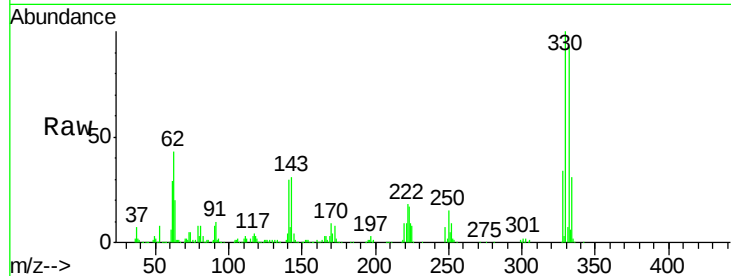
Tgt Ion:330 Resp: 511341

Ion Ratio Lower Upper

330 100

332 95.0 0.0 0.0#

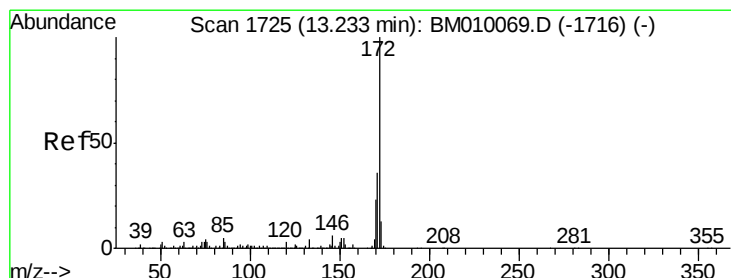
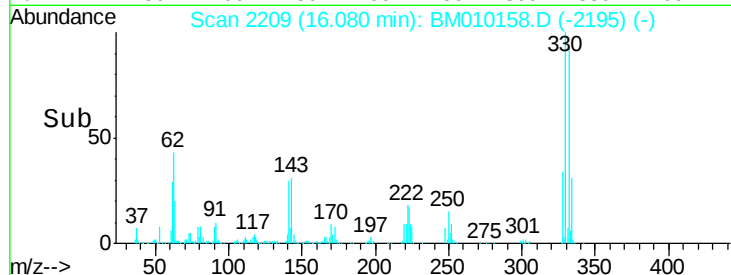
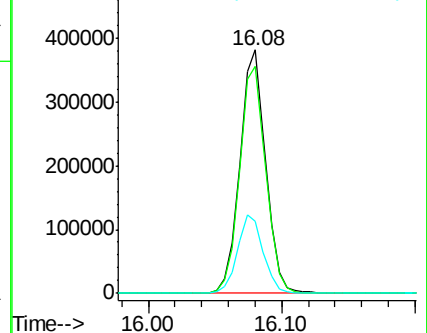
141 32.2 0.0 0.0#



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



#44

2-Fluorobiphenyl

Concen: 73.01 ng

RT: 13.21 min Scan# 1721

Delta R.T. -0.02 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

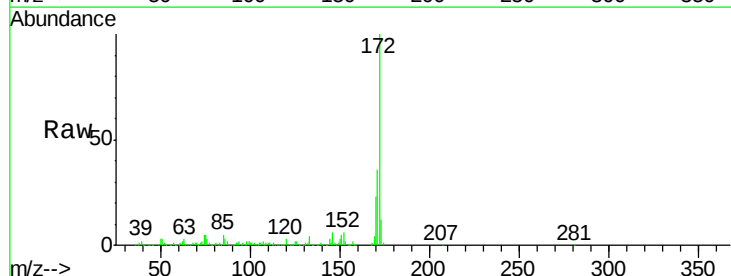
Tgt Ion:172 Resp: 1612938

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

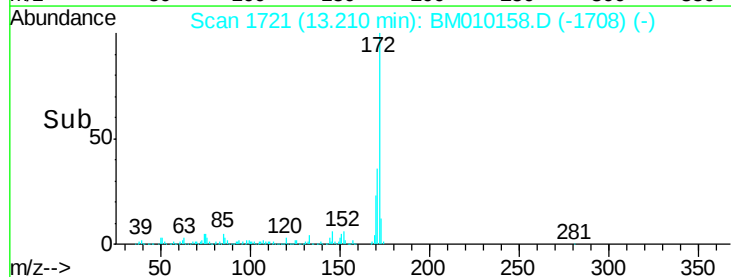
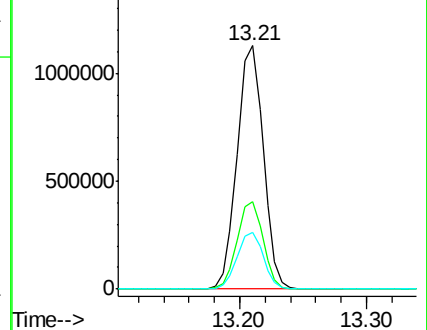
170 23.4 18.8 28.2

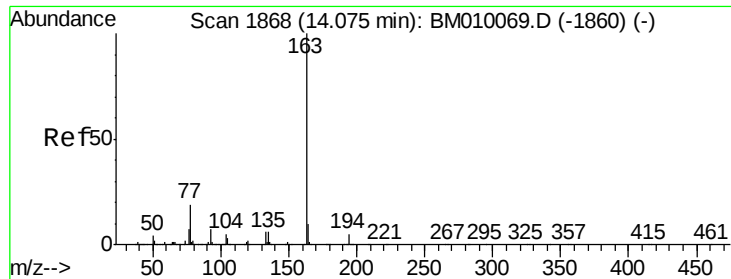


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.53 ng

RT: 14.05 min Scan# 1863

Delta R.T. -0.03 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

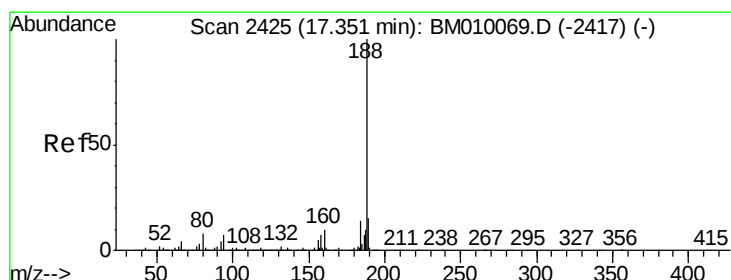
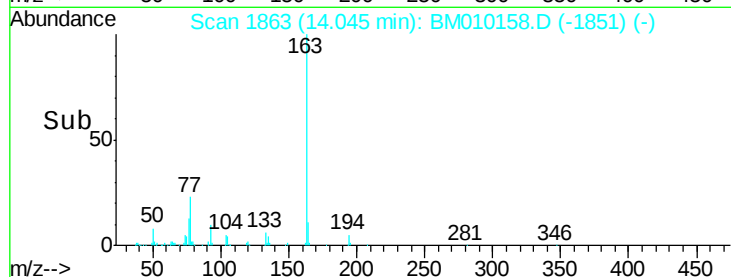
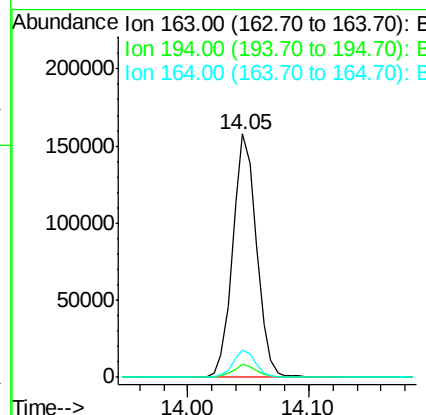
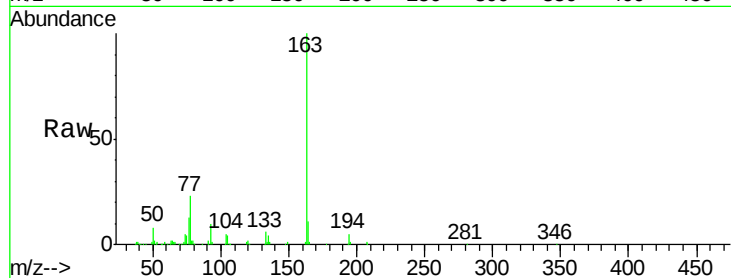
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BNA_M

ClientSampleId :

SB-9-4.5-5

Tgt Ion:	163	Resp:	216167
Ion	Ratio	Lower	Upper
163	100		
194	5.2	2.7	4.1#
164	11.0	8.2	12.2



#63

Phenanthrene-d10

Concen: 20.00 ng

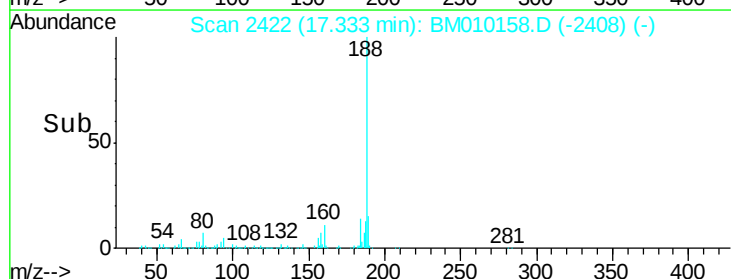
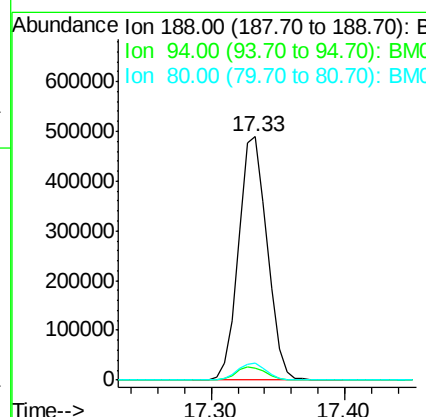
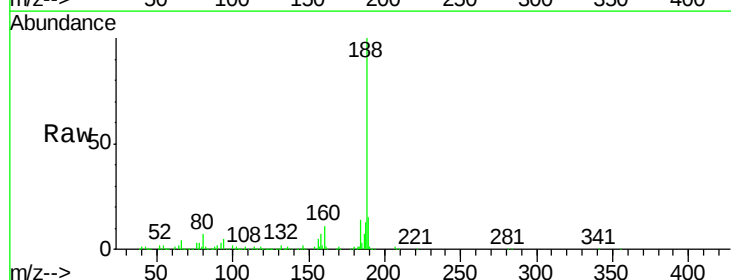
RT: 17.33 min Scan# 2422

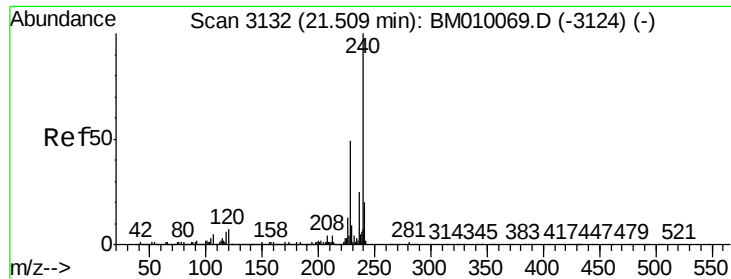
Delta R.T. -0.02 min

Lab File: BM010158.D

Acq: 24 May 2017 01:23

Tgt Ion:	188	Resp:	727872
Ion	Ratio	Lower	Upper
188	100		
94	5.0	8.7	13.1#
80	7.1	9.3	13.9#

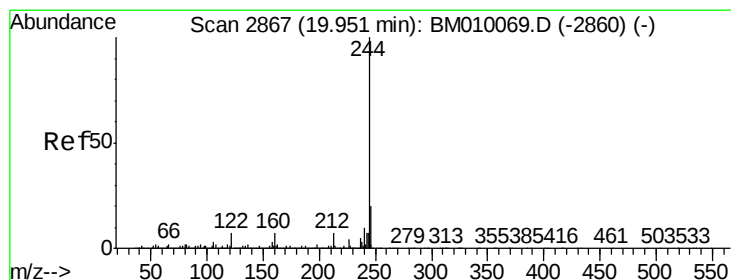
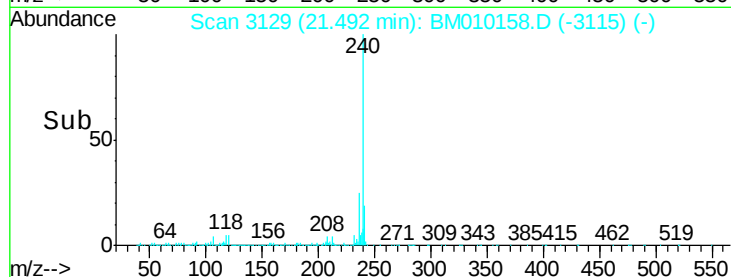
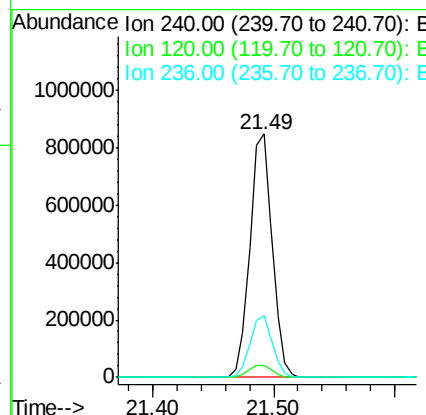
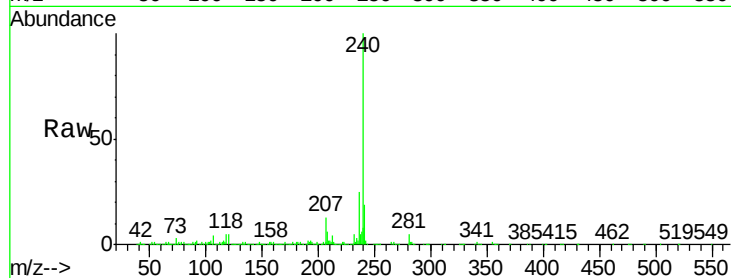




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010158.D
Acq: 24 May 2017 01:23

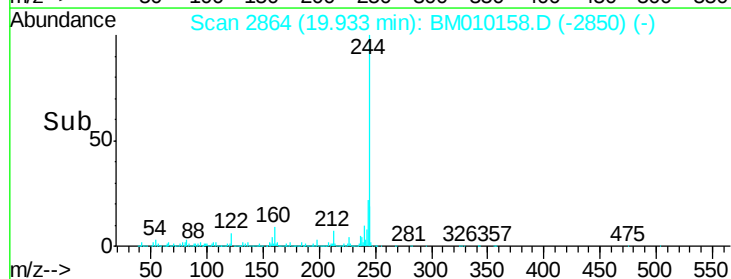
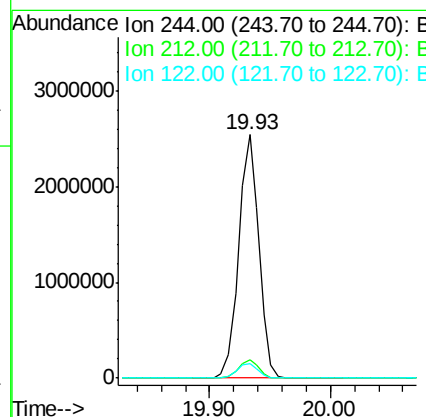
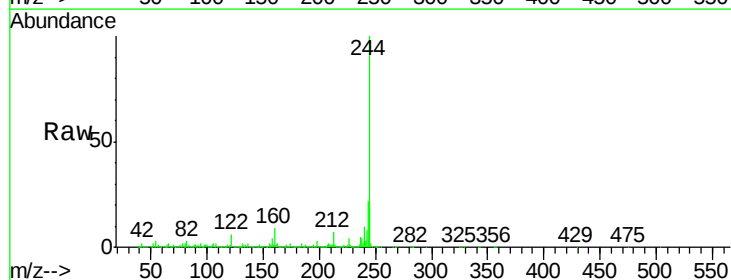
Instrument :
BNA_M
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SB-9-4.5-5

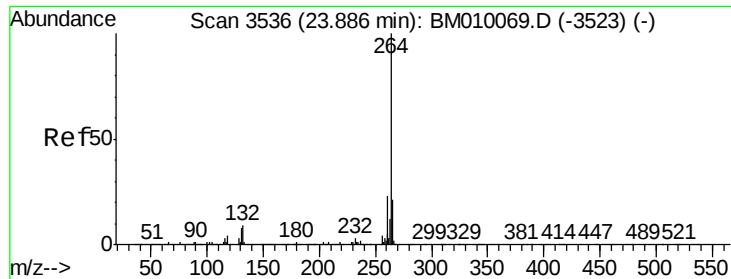
Tgt Ion:240 Resp: 1099559
Ion Ratio Lower Upper
240 100
120 4.8 8.2 12.2#
236 25.3 20.0 30.0



#78
Terphenyl-d14
Concen: 60.95 ng
RT: 19.93 min Scan# 2864
Delta R.T. -0.02 min
Lab File: BM010158.D
Acq: 24 May 2017 01:23

Tgt Ion:244 Resp: 2947333
Ion Ratio Lower Upper
244 100
212 7.4 4.9 7.3#
122 6.2 6.2 9.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3531
Delta R.T. -0.03 min
Lab File: BM010158.D
Acq: 24 May 2017 01:23

Instrument :
BNA_M
ClientSampleId :
SB-9-4.5-5

Tgt Ion: 264 Resp: 1221591

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.4	17.3	25.9

