

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052517\
 Data File : BM010241.D
 Acq On : 26 May 2017 05:34
 Operator : SJ/MA
 Sample : I3331-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 07:41:40 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

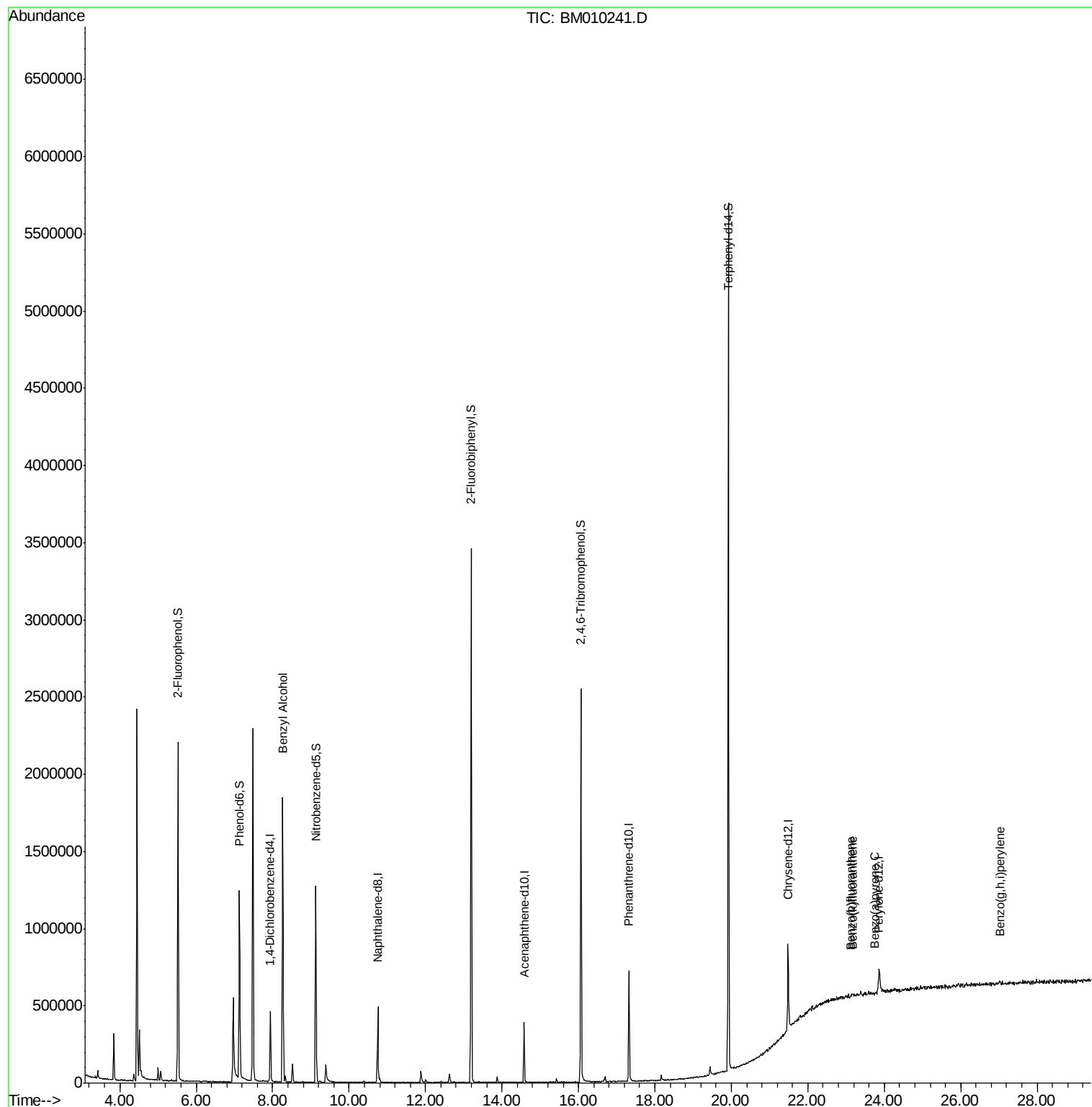
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	112422	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	352837	20.00	ng	0.00
38) Acenaphthene-d10	14.57	164	105922	20.00	ng	0.00
63) Phenanthrene-d10	17.32	188	370056	20.00	ng	0.00
75) Chrysene-d12	21.48	240	204072	20.00	ng	0.00
86) Perylene-d12	23.84	264	11429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	765046	122.89	ng	0.00
7) Phenol-d6	7.13	99	520697	65.00	ng	0.00
23) Nitrobenzene-d5	9.13	82	699665	106.98	ng	0.00
41) 2,4,6-Tribromophenol	16.07	330	436703	271.46	ng	0.00
44) 2-Fluorobiphenyl	13.20	172	1708792	207.39	ng	0.00
78) Terphenyl-d14	19.92	244	1899728	211.67	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.26	79	16815	2.77	ng	# 36
87) Benzo(b)fluoranthene	23.12	252	5202	7.78	ng	# 44
88) Benzo(k)fluoranthene	23.17	252	5745	8.77	ng	# 68
89) Benzo(a)pyrene	23.74	252	2133	3.35	ng	# 1
91) Benzo(g,h,i)perylene	27.03	276	2883	4.13	ng	# 81

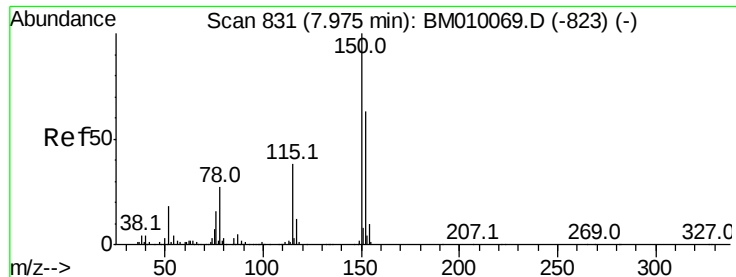
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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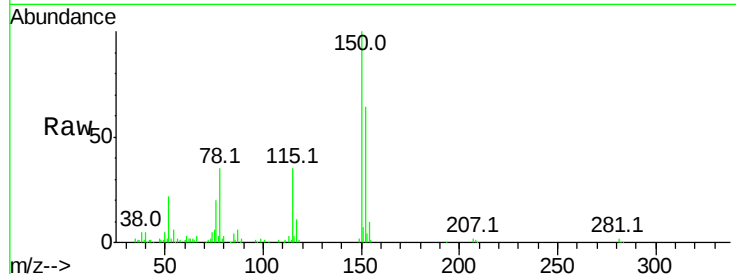


#1

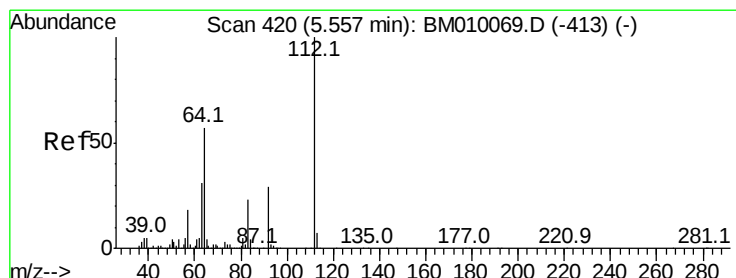
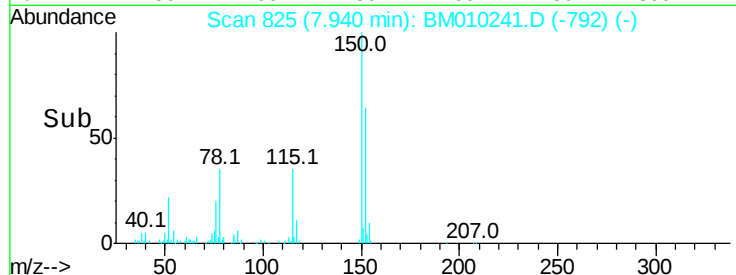
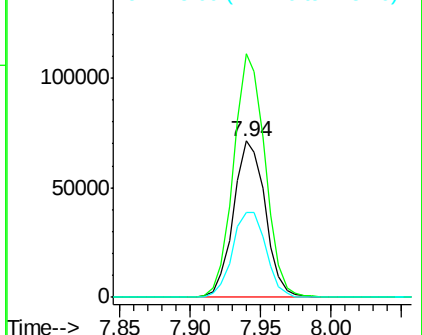
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BM010241.D
Acq: 26 May 2017 05:34

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	119.5	179.3
115	54.4	43.0	64.4



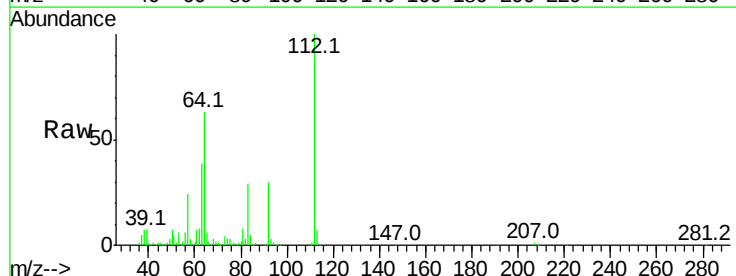
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



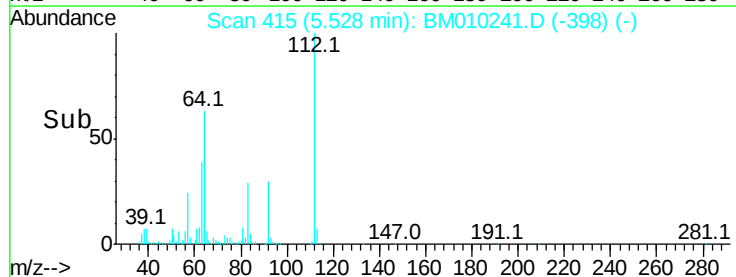
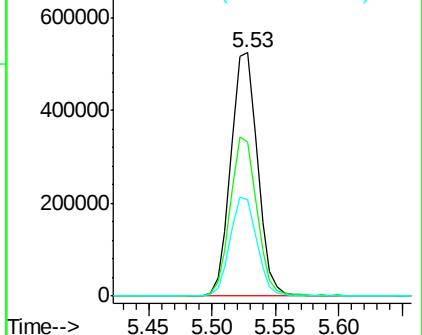
#5

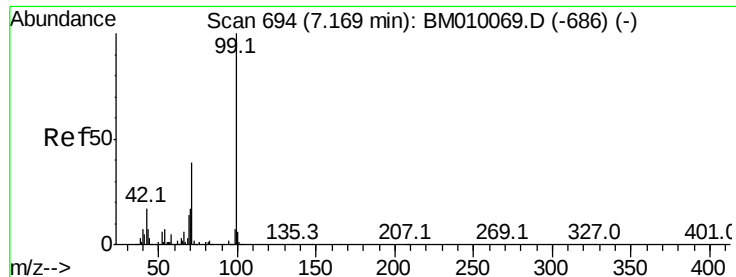
2-Fluorophenol
Concen: 122.89 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.00 min
Lab File: BM010241.D
Acq: 26 May 2017 05:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	38.6	57.8#
63	39.4	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: 65.00 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.01 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

Instrument :

BNA_M

ClientSampleId :

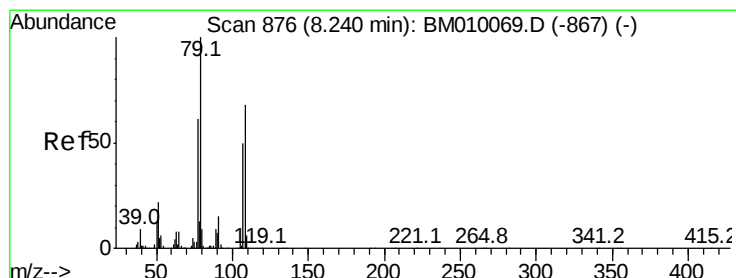
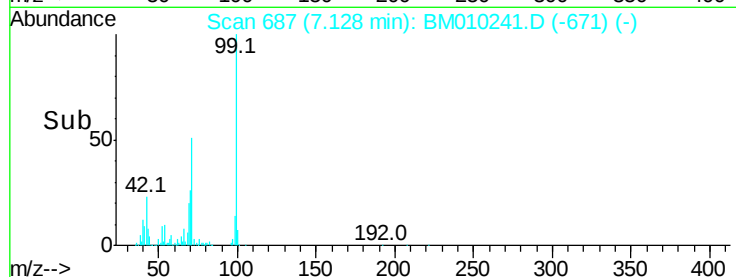
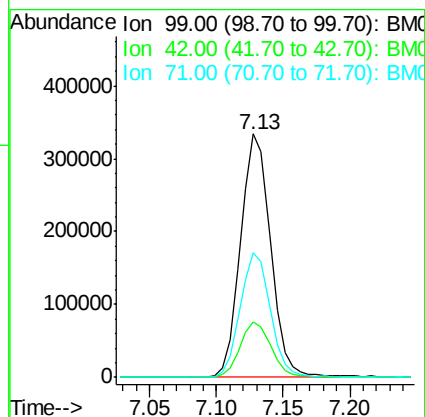
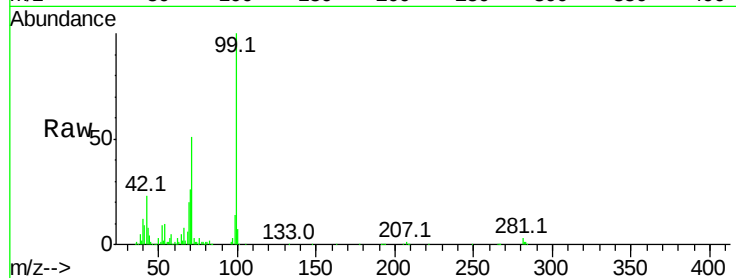
Tot Ion: 99 Resp: 520697

Ion Ratio Lower Upper

99 100

42 23.0 11.0 16.4#

71 51.1 23.4 35.2#



#15

Benzyl Alcohol

Concen: 2.77 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.05 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

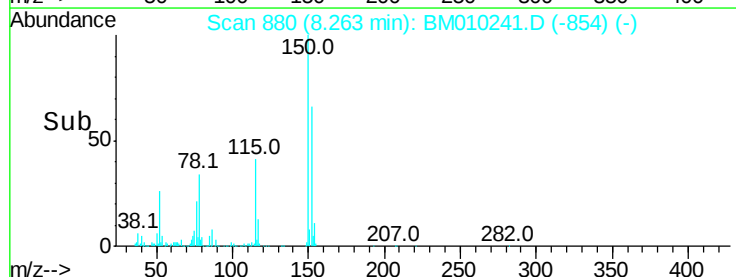
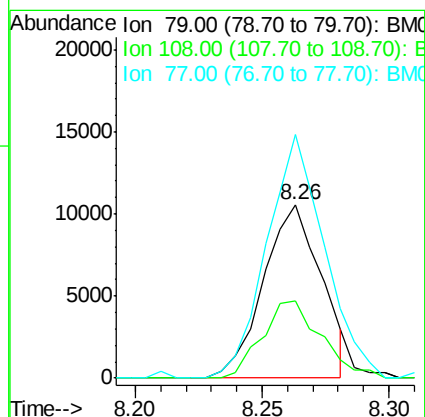
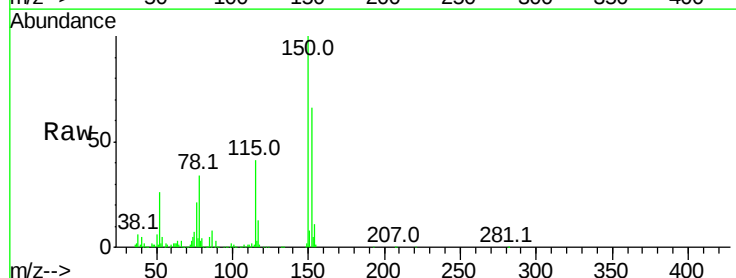
Tgt Ion: 79 Resp: 16815

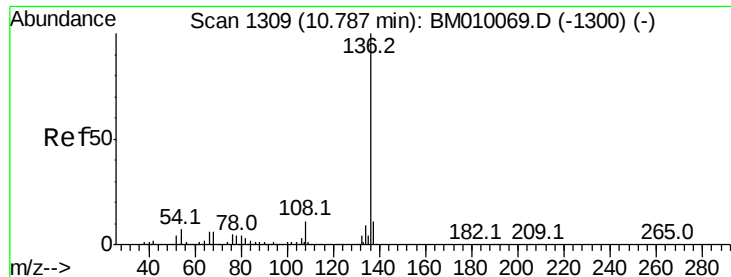
Ion Ratio Lower Upper

79 100

108 44.9 65.0 97.4#

77 140.5 53.0 79.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 352837

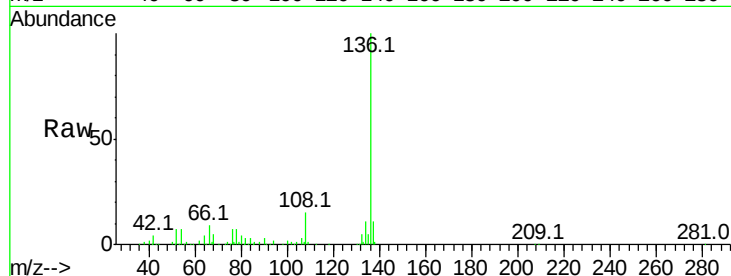
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.5	4.6	6.8
68	4.6	3.7	5.5

136 100

137 11.1 8.7 13.1

54 6.5 4.6 6.8

68 4.6 3.7 5.5

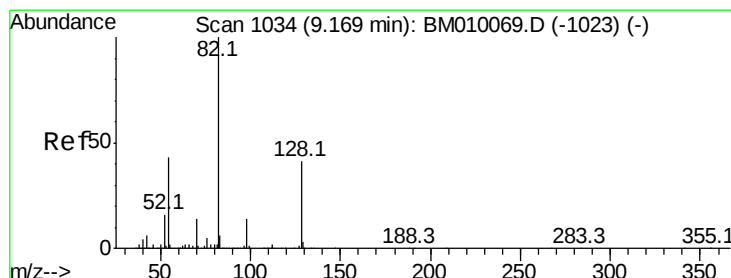
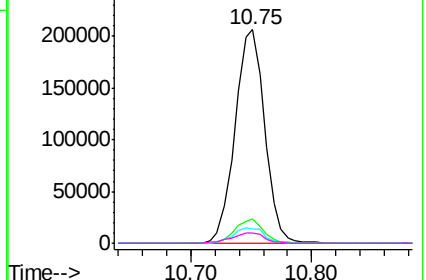
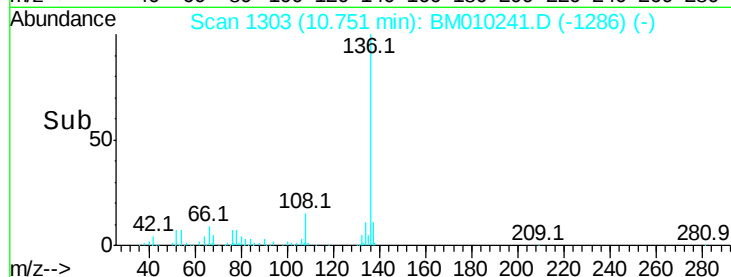


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 106.98 ng

RT: 9.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

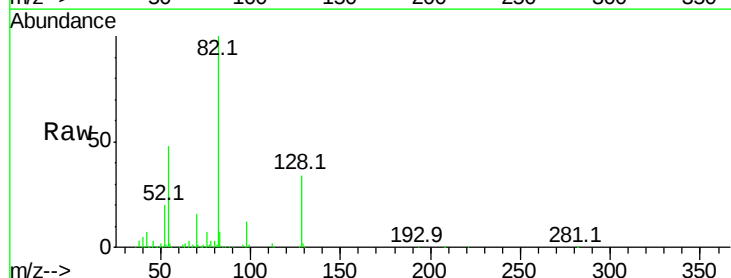
Tgt Ion: 82 Resp: 699665

Ion	Ratio	Lower	Upper
82	100		
128	33.5	32.8	49.2
54	47.8	40.6	60.8

82 100

128 33.5 32.8 49.2

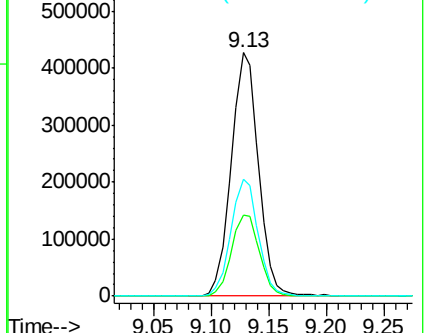
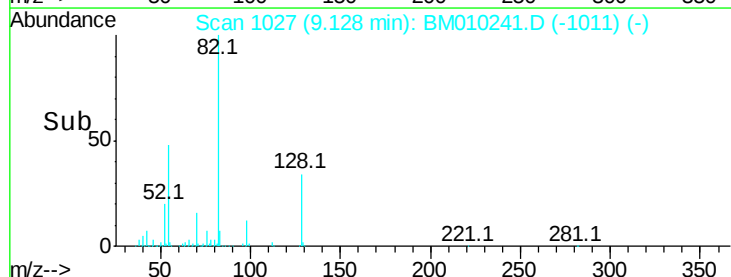
54 47.8 40.6 60.8

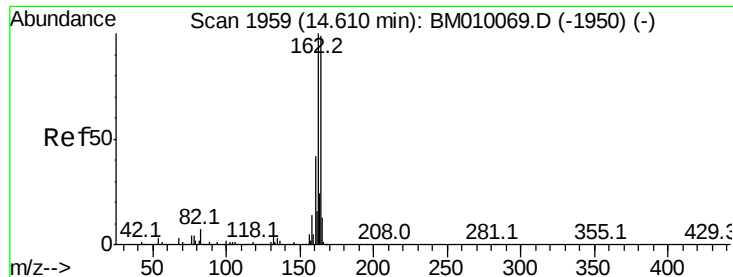


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

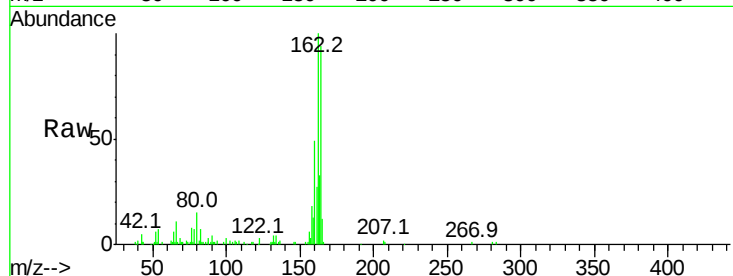
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 105922

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.4	123.6
160	51.9	35.8	53.6

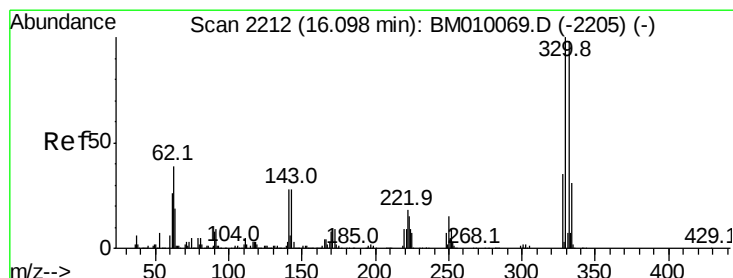
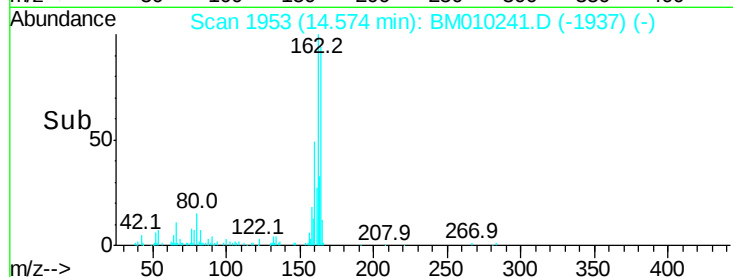
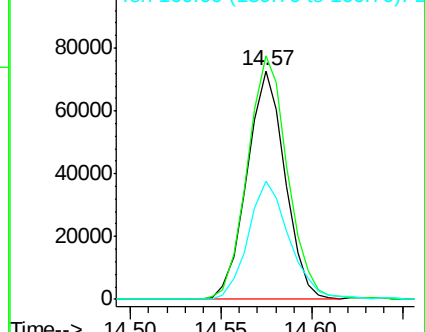


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 271.46 ng

RT: 16.07 min Scan# 2207

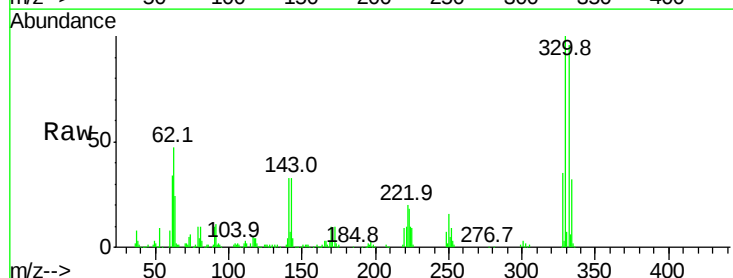
Delta R.T. -0.01 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

Tgt Ion:330 Resp: 436703

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	34.8	0.0	0.0#

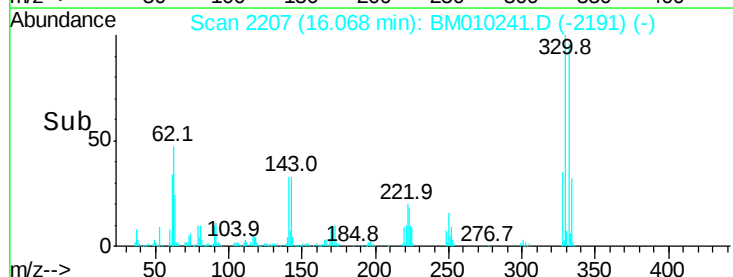
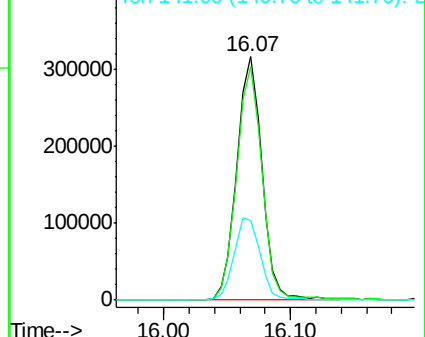


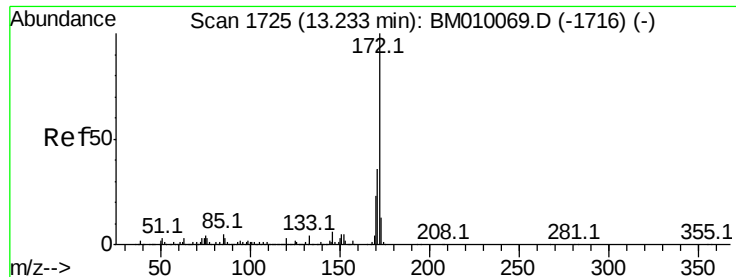
Abundance

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



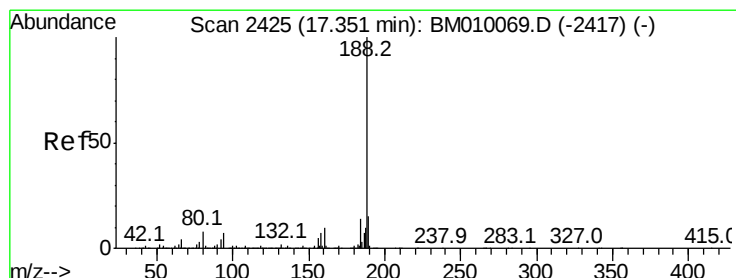
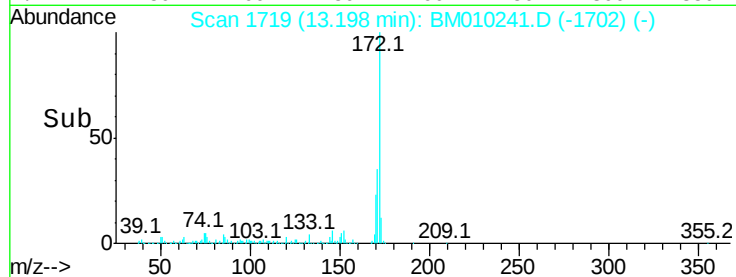
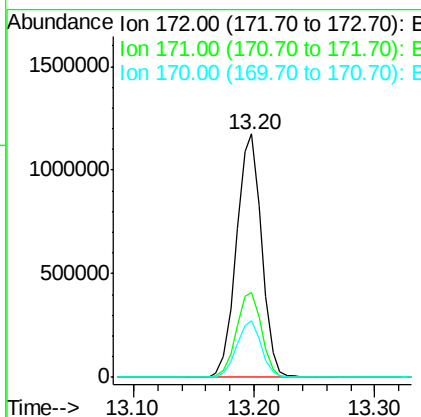
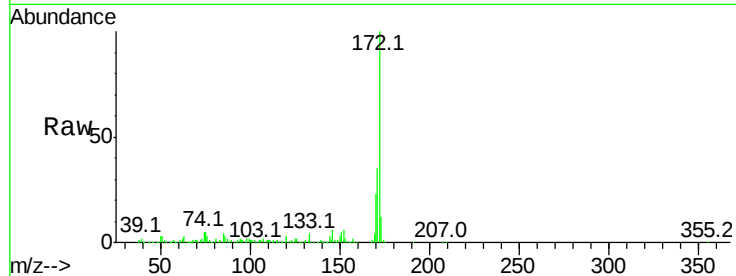


#44
 2-Fluorobiphenyl
 Concen: 207.39 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM010241.D
 Acq: 26 May 2017 05:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 1708792

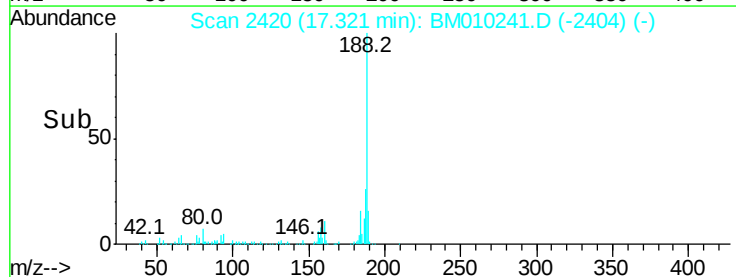
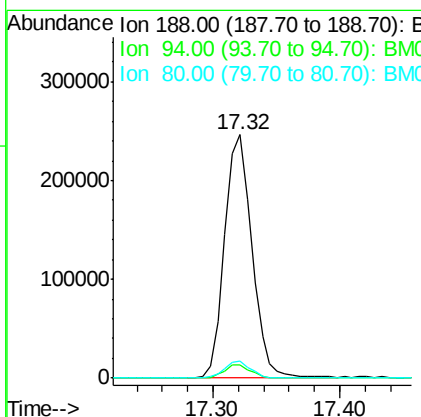
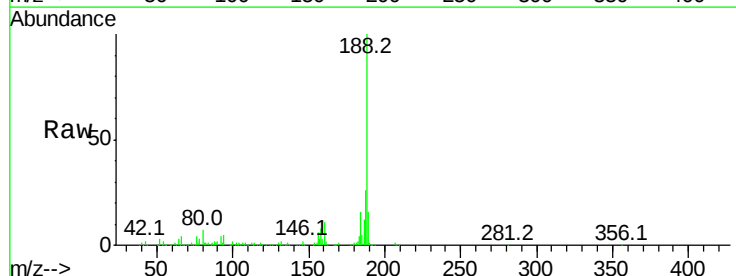
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.1	18.8	28.2

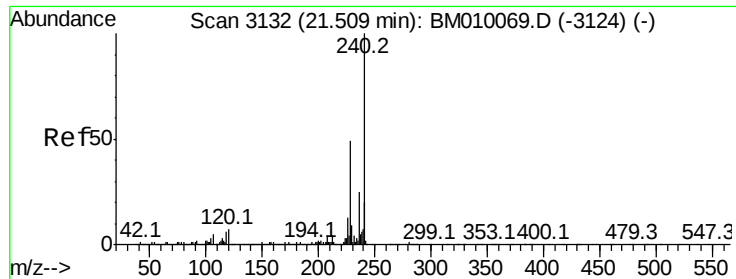


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.32 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BM010241.D
 Acq: 26 May 2017 05:34

Tgt Ion:188 Resp: 370056

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. -0.01 min

Lab File: BM010241.D

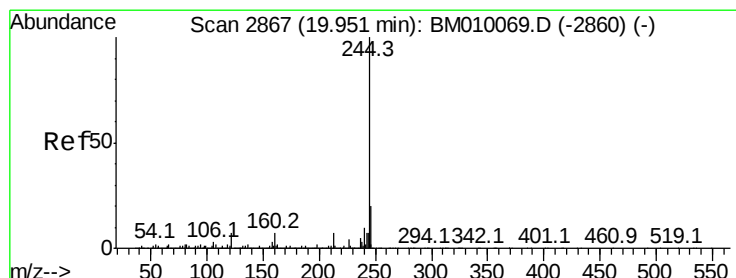
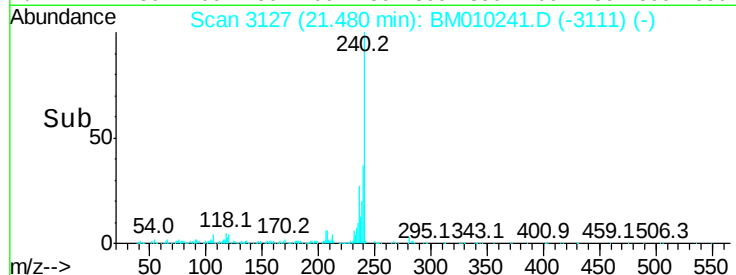
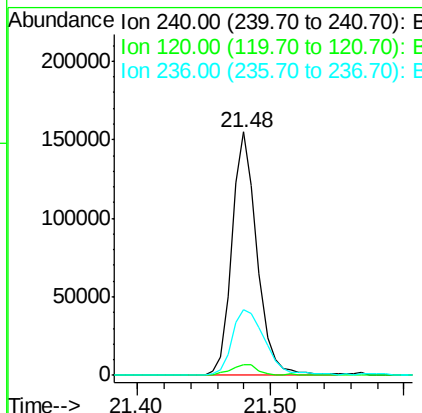
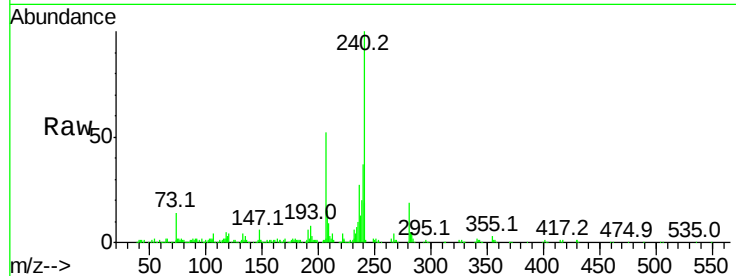
Acq: 26 May 2017 05:34

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	240	Resp:	204072
Ion Ratio	Lower	Upper	
240	100		
120	4.1	8.2	12.2#
236	27.2	20.0	30.0



#78

Terphenyl-d14

Concen: 211.67 ng

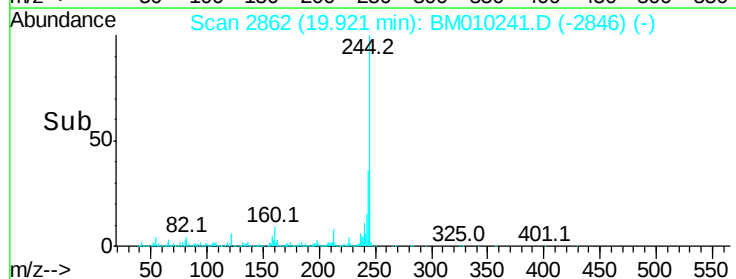
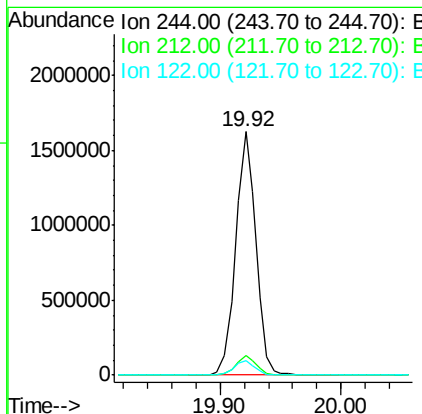
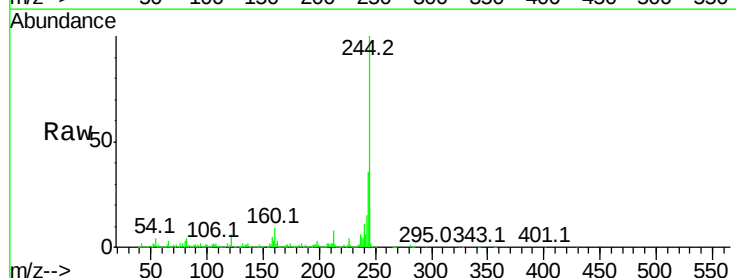
RT: 19.92 min Scan# 2862

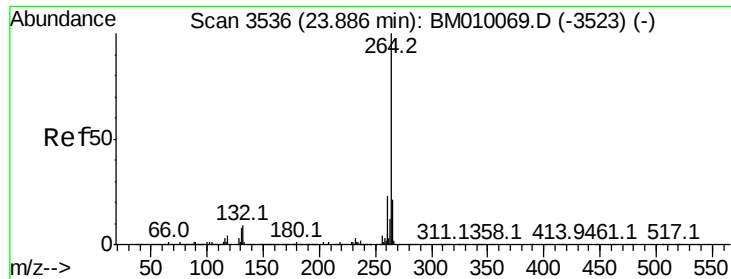
Delta R.T. -0.01 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

Tgt Ion:	244	Resp:	1899728
Ion Ratio	Lower	Upper	
244	100		
212	8.1	4.9	7.3#
122	6.1	6.2	9.4#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.84 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

Instrument :

BNA_M

ClientSampled :

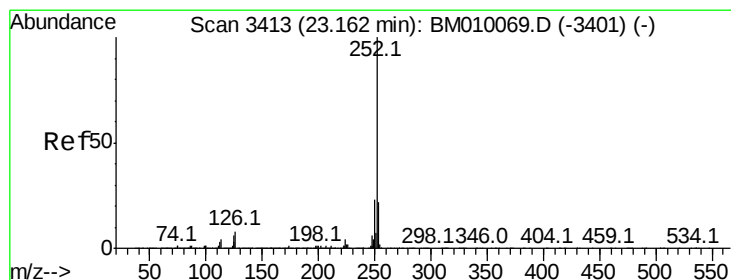
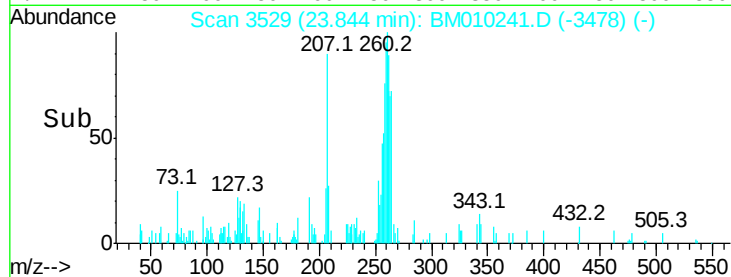
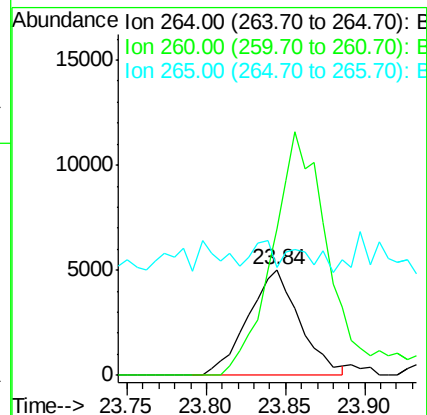
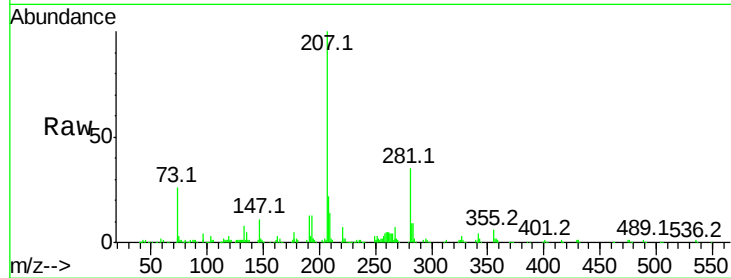
Tot Ion:264 Resp: 11429

Ion Ratio Lower Upper

264 100

260 138.1 18.6 27.8#

265 101.7 17.3 25.9#



#87

Benzo(b)fluoranthene

Concen: 7.78 ng

RT: 23.12 min Scan# 3406

Delta R.T. -0.00 min

Lab File: BM010241.D

Acq: 26 May 2017 05:34

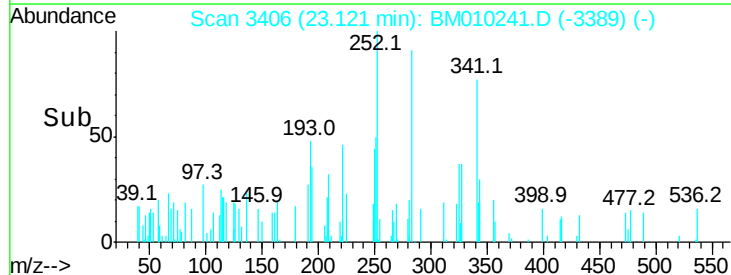
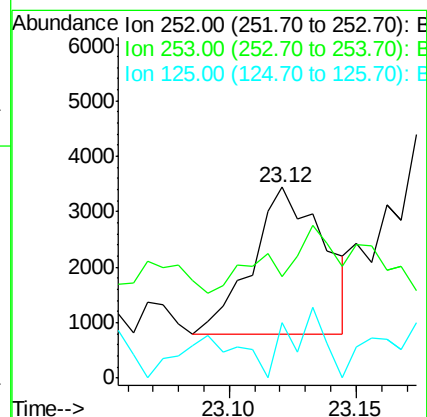
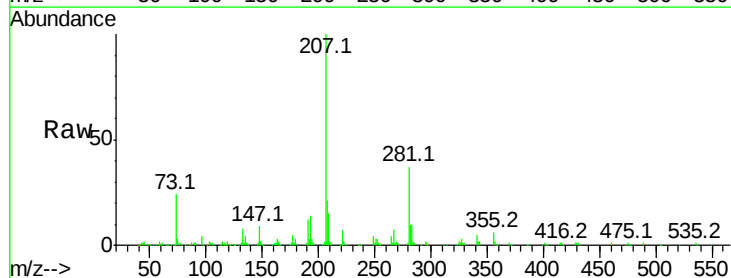
Tgt Ion:252 Resp: 5202

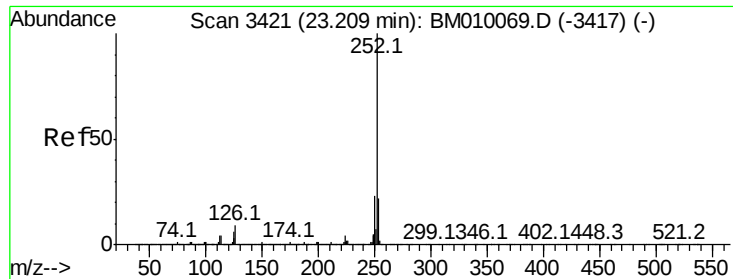
Ion Ratio Lower Upper

252 100

253 53.0 18.0 27.0#

125 29.0 9.9 14.9#

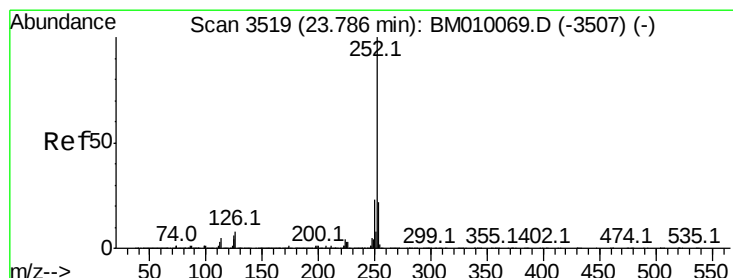
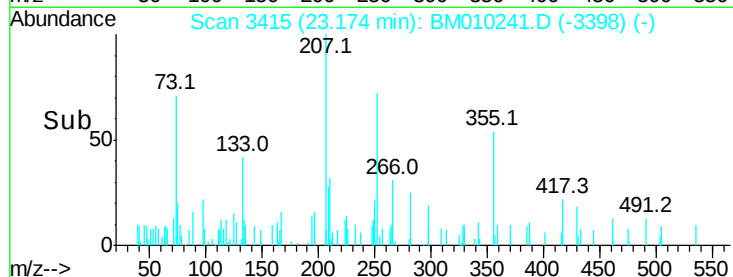
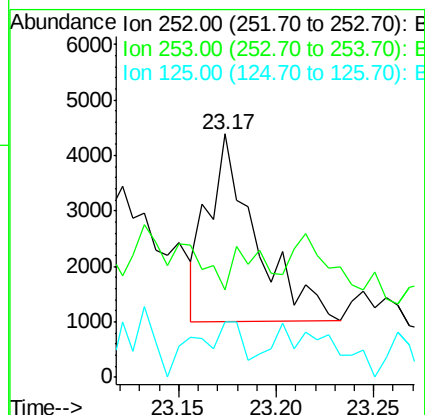
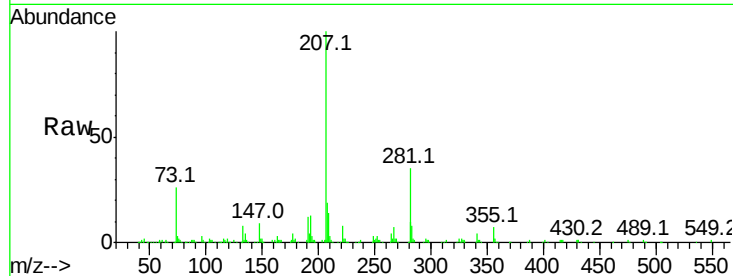




#88
Benzo(k)fluoranthene
Concen: 8.77 ng
RT: 23.17 min Scan# 3415
Delta R.T. -0.00 min
Lab File: BM010241.D
Acq: 26 May 2017 05:34

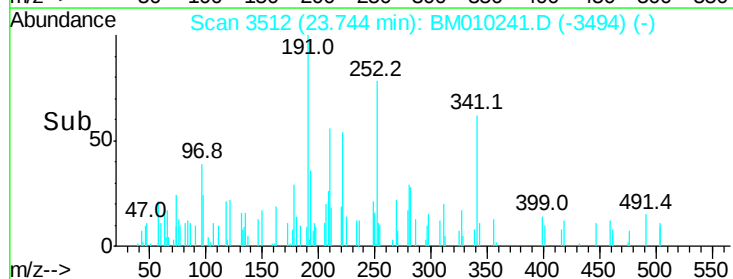
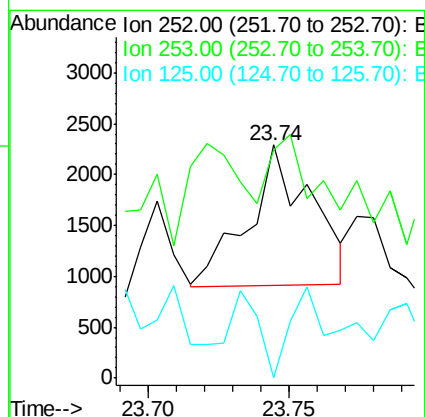
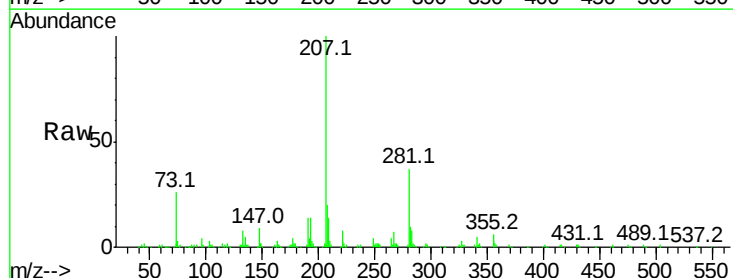
Instrument :
BNA_M
ClientSampled :

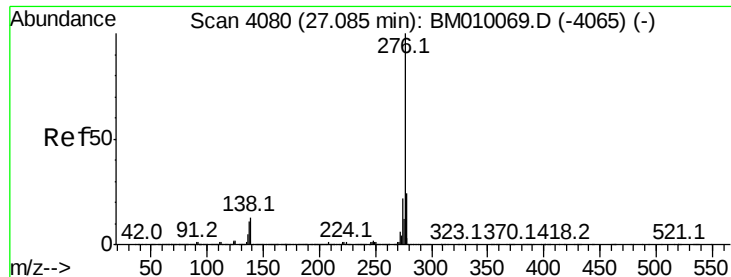
Tot Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.2	25.8#
125	23.0	8.1	12.1#



#89
Benzo(a)pyrene
Concen: 3.35 ng
RT: 23.74 min Scan# 3512
Delta R.T. 0.01 min
Lab File: BM010241.D
Acq: 26 May 2017 05:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	97.9	17.6	26.4#
125	0.0	7.4	11.2#





#91
 Benzo(a,h,i)perylene
 Concen: 4.13 ng
 RT: 27.03 min Scan# 4071
 Delta R.T. 0.02 min
 Lab File: BM010241.D
 Acq: 26 May 2017 05:34

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	37.5	18.5	27.7#
138	27.6	19.0	28.6

