

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080917\
 Data File : BM011191.D
 Acq On : 10 Aug 2017 01:11
 Operator : SJ/JU
 Sample : I4657-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-080717-C

Quant Time: Aug 10 03:37:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

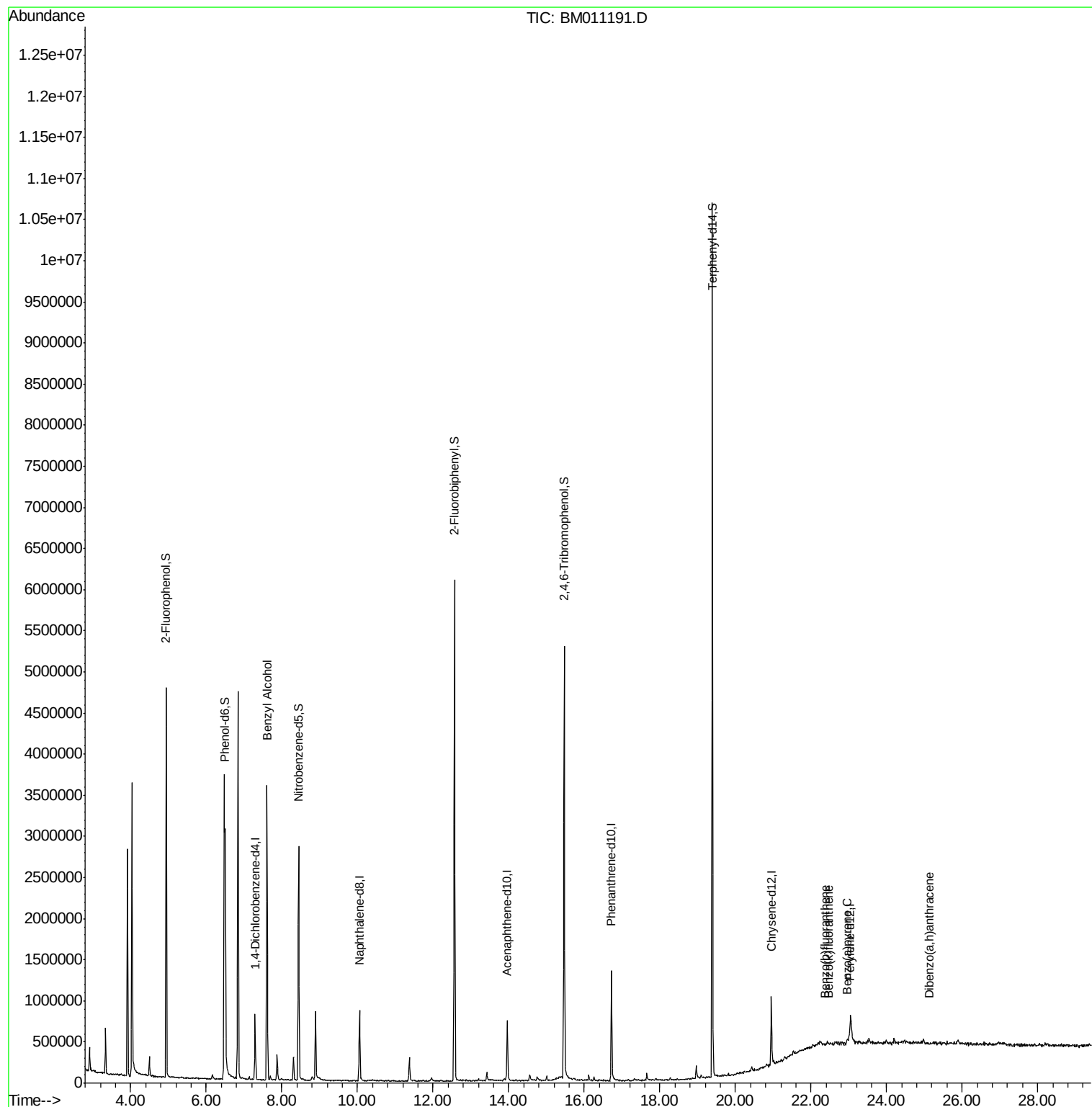
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	160680	20.00	ng	-0.09
21) Naphthalene-d8	10.05	136	521910	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	182435	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	646276	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	248673	20.00	ng	-0.08
86) Perylene-d12	23.03	264	9135	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	1310975	137.92	ng	-0.09
7) Phenol-d6	6.50	99	1132228	83.84	ng	-0.09
23) Nitrobenzene-d5	8.45	82	1631551	117.33	ng	-0.09
41) 2,4,6-Tribromophenol	15.47	330	736703	251.95	ng	-0.09
44) 2-Fluorobiphenyl	12.57	172	2644471	181.79	ng	-0.09
78) Terphenyl-d14	19.39	244	3460636	275.67	ng	-0.08
Target Compounds						
15) Benzyl Alcohol	7.61	79	29745	2.30	ng	# 39
87) Benzo(b)fluoranthene	22.38	252	1173	2.00	ng	# 50
88) Benzo(k)fluoranthene	22.46	252	3417	6.08	ng	# 57
89) Benzo(a)pyrene	22.94	252	7023	13.24	ng	# 42
90) Dibenzo(a,h)anthracene	25.12	278	1063	2.16	ng	# 56

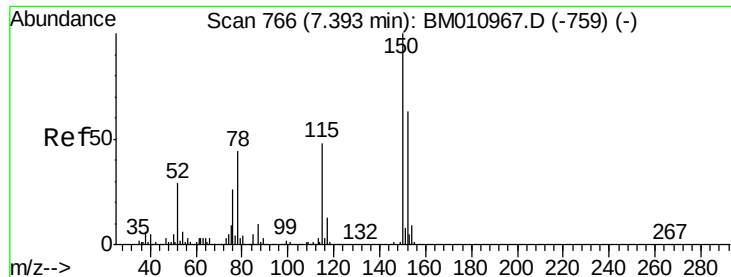
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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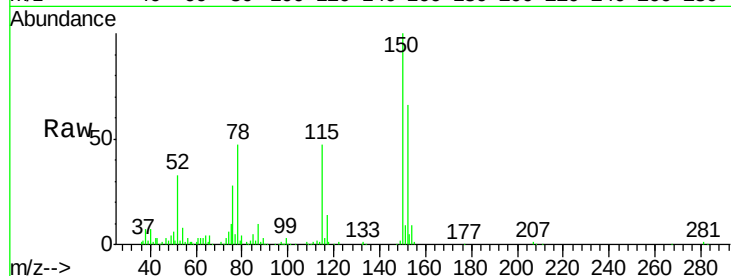


#1

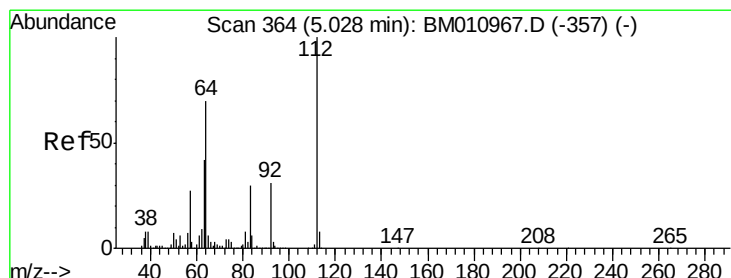
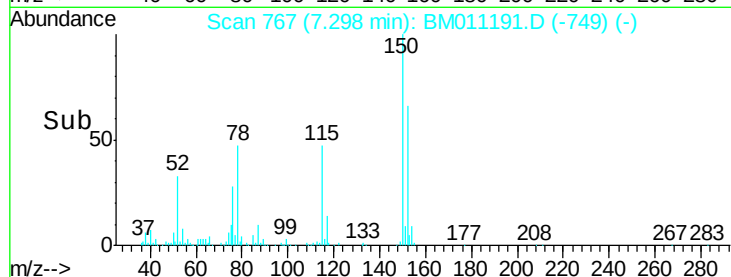
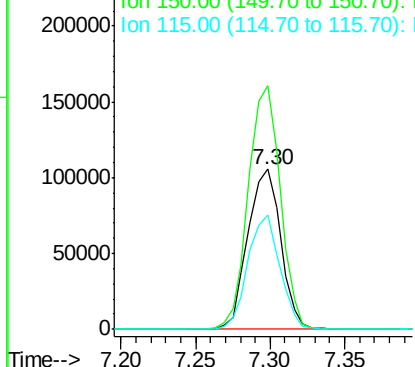
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Instrument :
BNA_M
ClientSampleId :
CL-01-080717-C

Tot Ion:152 Resp: 160680
Ion Ratio Lower Upper
152 100
150 152.1 119.5 179.3
115 71.6 43.0 64.4#



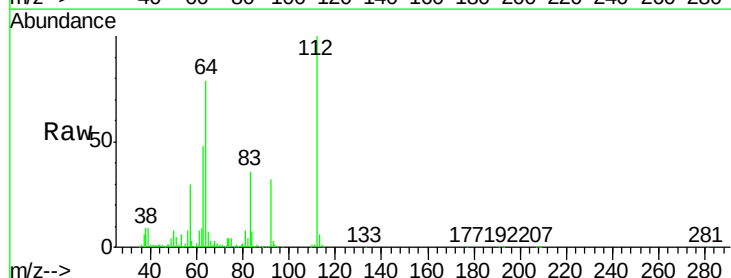
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



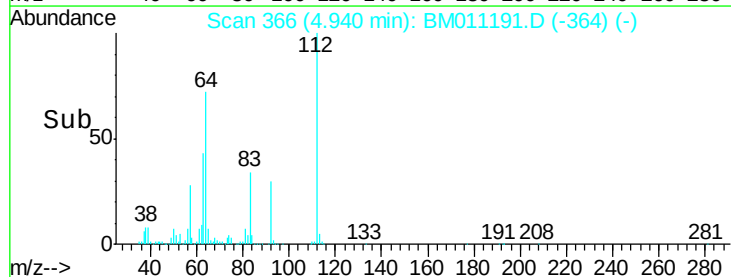
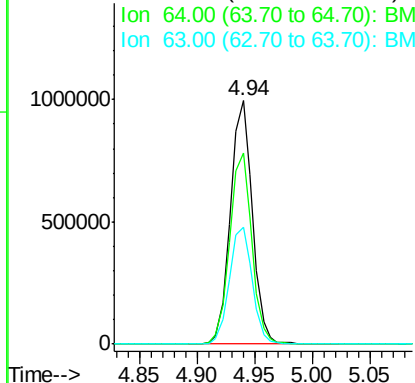
#5

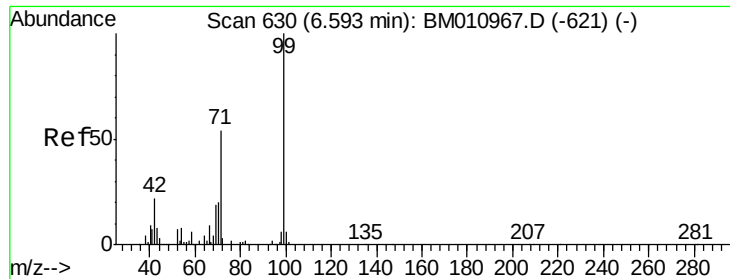
2-Fluorophenol
Concen: 137.92 ng
RT: 4.94 min Scan# 366
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Tgt Ion:112 Resp: 1310975
Ion Ratio Lower Upper
112 100
64 78.5 38.6 57.8#
63 48.2 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: 83.84 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-C

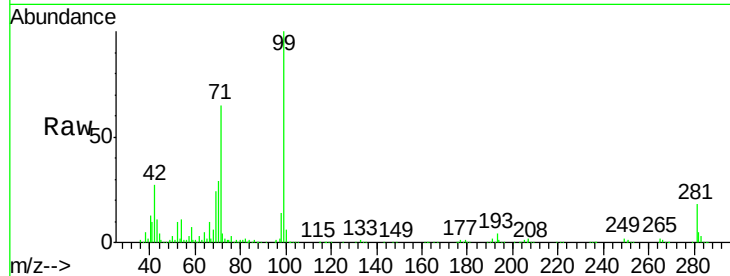
Tot Ion: 99 Resp: 1132228

Ion Ratio Lower Upper

99 100

42 26.7 11.0 16.4#

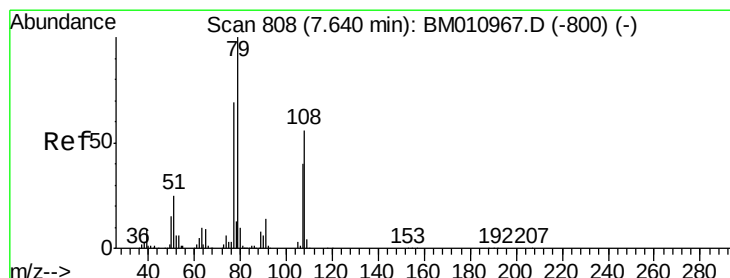
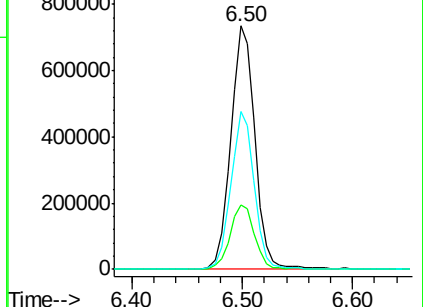
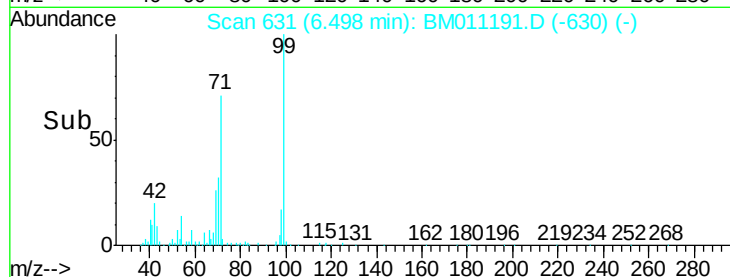
71 65.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011191.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011191.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011191.D (-630) (-)



#15

Benzyl Alcohol

Concen: 2.30 ng

RT: 7.61 min Scan# 820

Delta R.T. -0.03 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

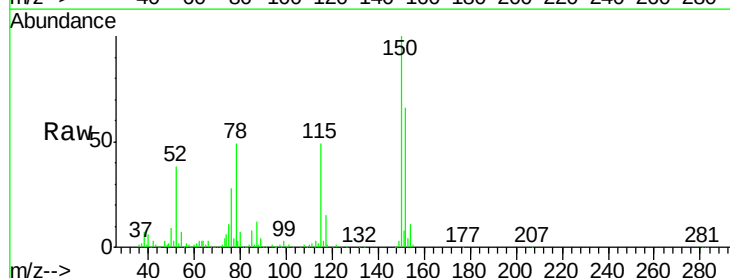
Tgt Ion: 79 Resp: 29745

Ion Ratio Lower Upper

79 100

108 37.6 65.0 97.4#

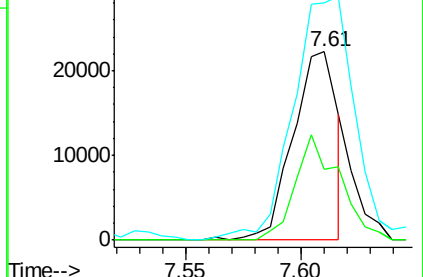
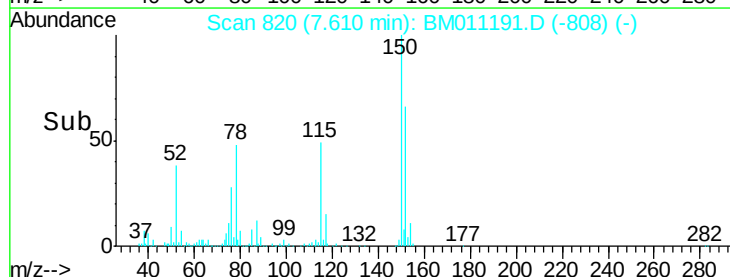
77 126.2 53.0 79.6#

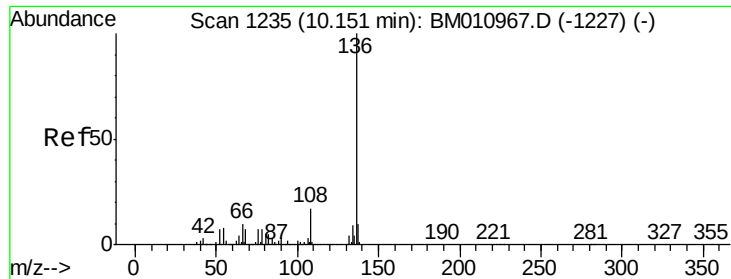


Abundance Ion 79.00 (78.70 to 79.70): BM011191.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM011191.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM011191.D (-808) (-)

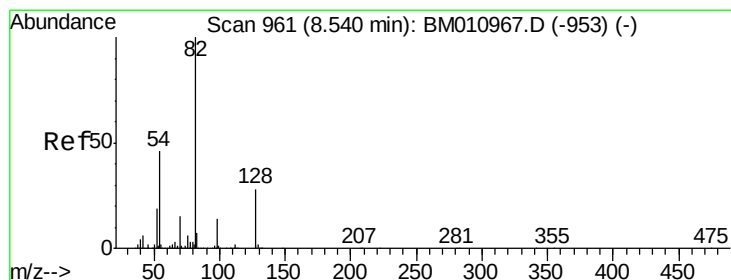
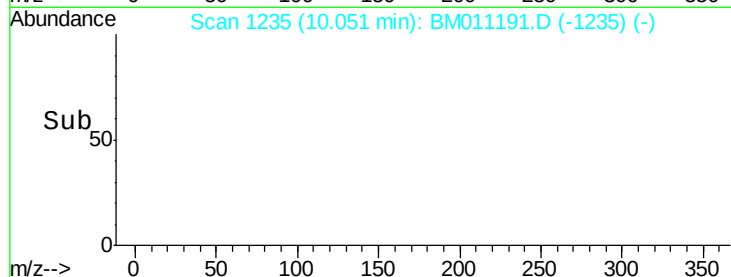
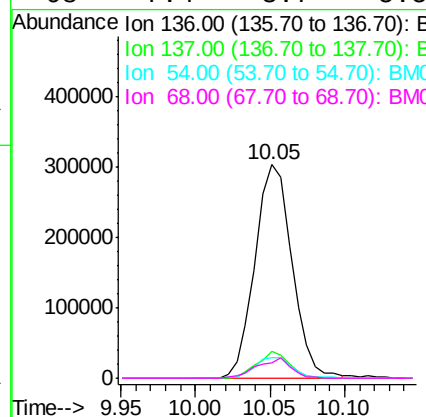
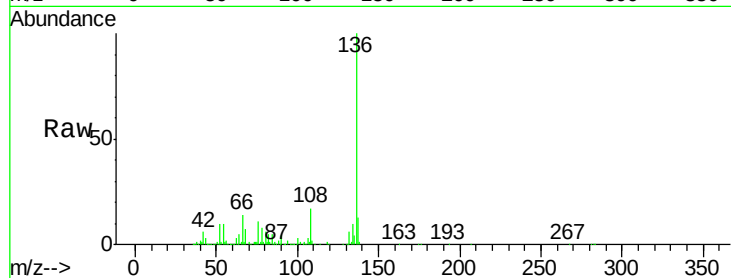




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.05 min Scan# 1235
Delta R.T. -0.10 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

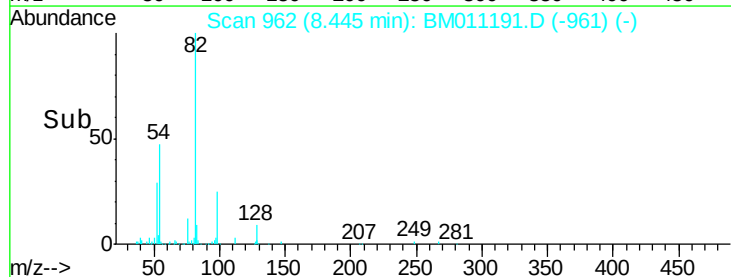
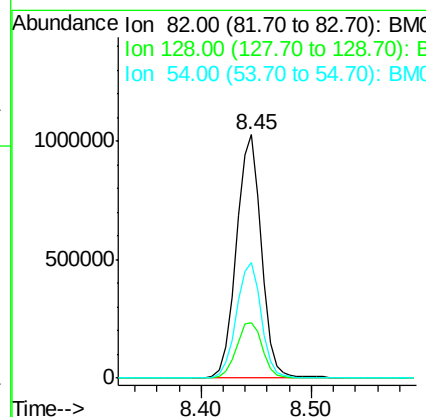
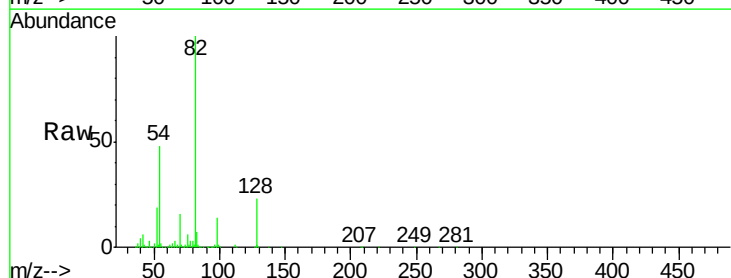
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CL-01-080717-C

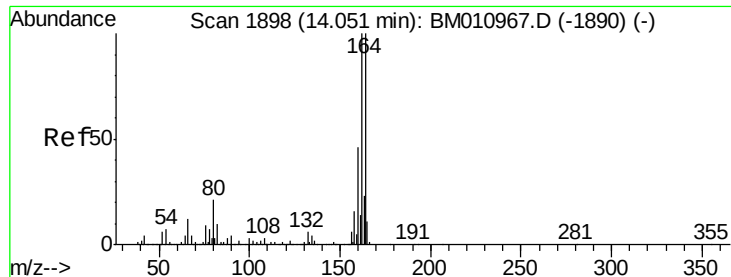
Tot Ion:136	Resp:	521910
Ion Ratio	Lower	Upper
136	100	
137	12.8	8.7 13.1
54	9.8	4.6 6.8#
68	7.4	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 117.33 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Tgt Ion: 82	Resp:	1631551
Ion Ratio	Lower	Upper
82	100	
128	23.0	32.8 49.2#
54	47.7	40.6 60.8

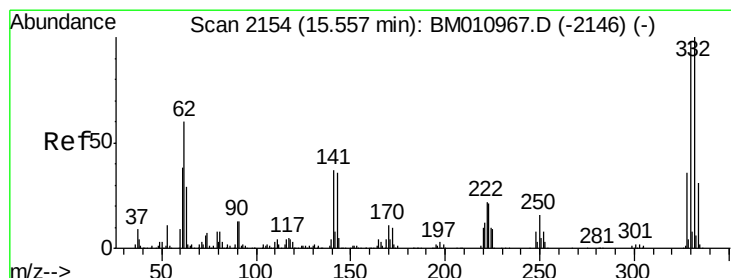
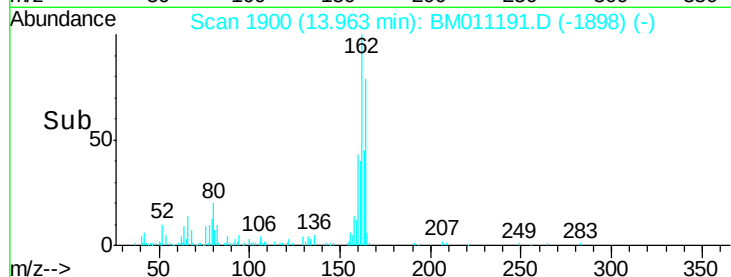
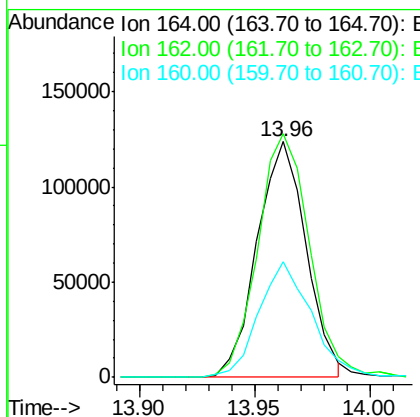
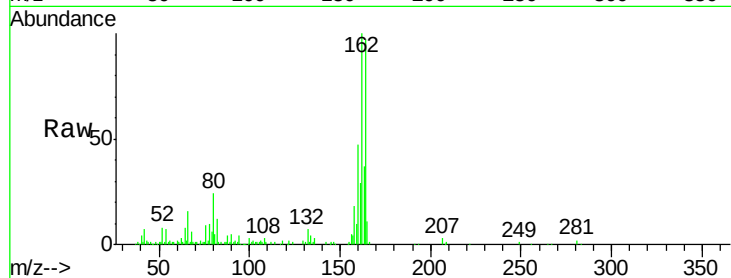




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 13.96 min Scan# 1900
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

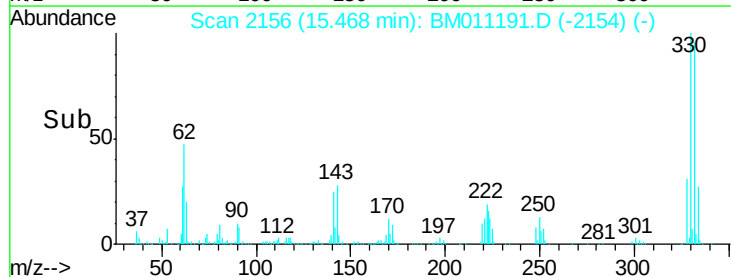
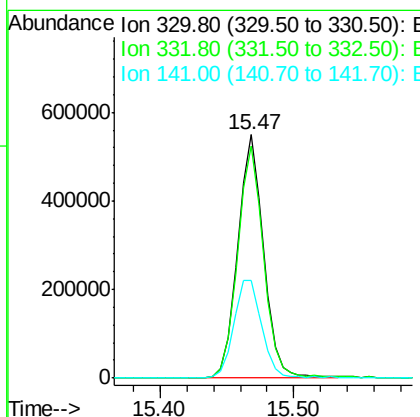
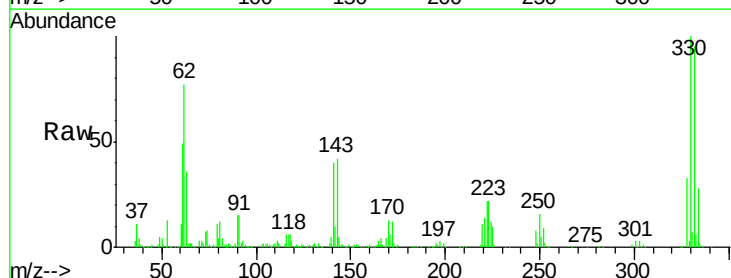
Instrument :
 BNA_M
 ClientSampleId :
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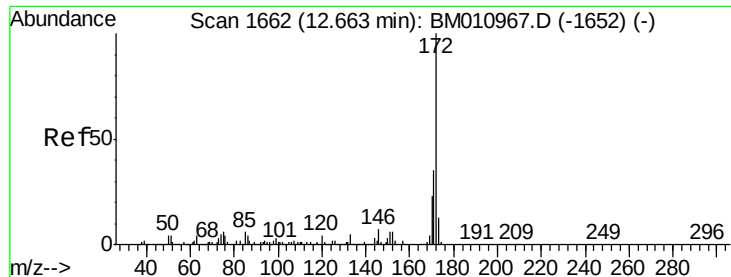
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.4	123.6
160	49.0	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 251.95 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	43.6	0.0	0.0#

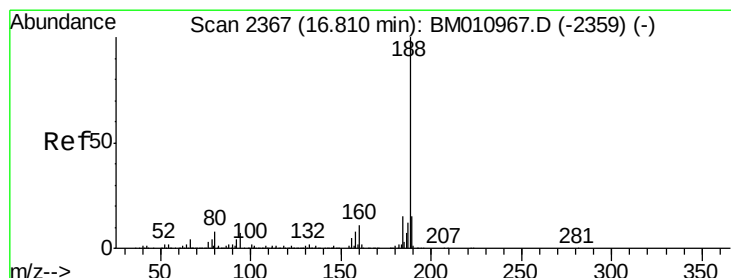
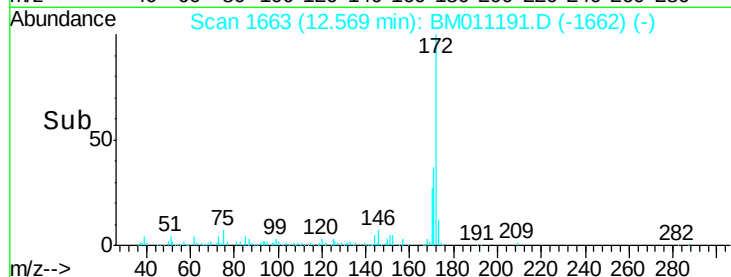
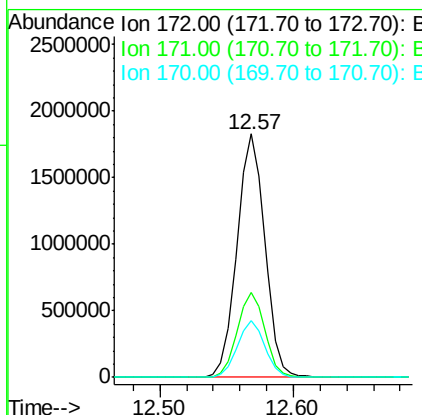
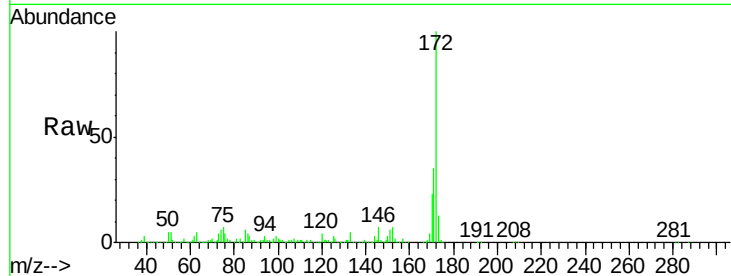




#44
2-Fluorobiphenyl
Concen: 181.79 ng
RT: 12.57 min Scan# 1663
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

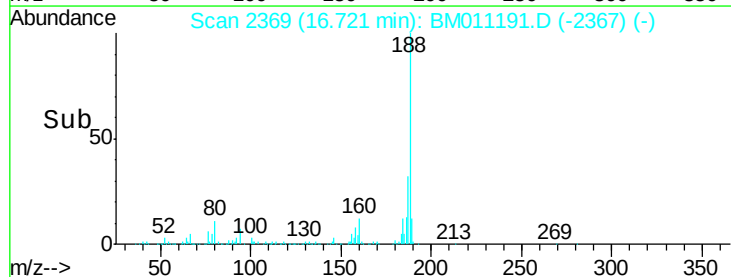
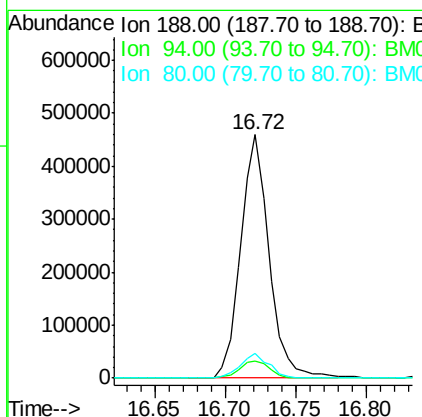
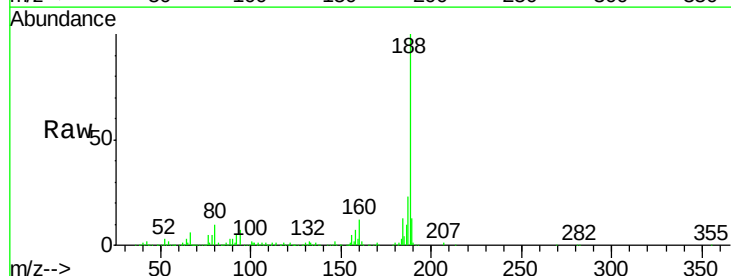
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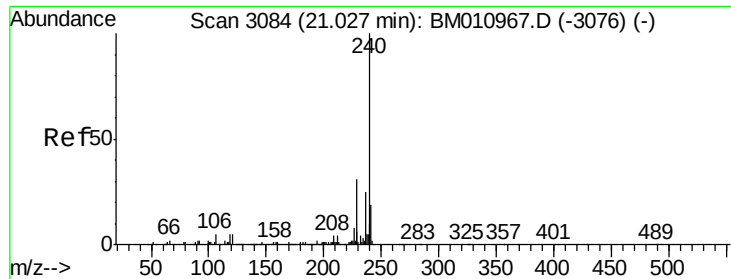
Tot Ion:172 Resp: 2644471
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.4 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.72 min Scan# 2369
Delta R.T. -0.09 min
Lab File: BM011191.D
Acq: 10 Aug 2017 01:11

Tgt Ion:188 Resp: 646276
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 10.3 9.3 13.9

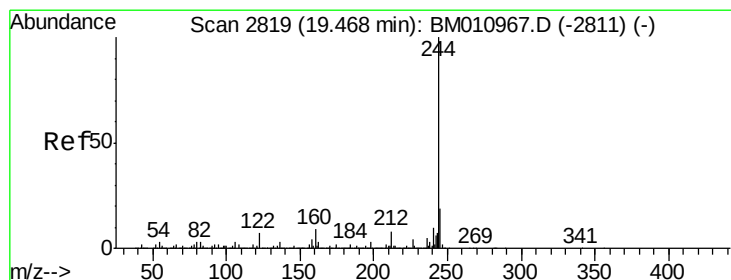
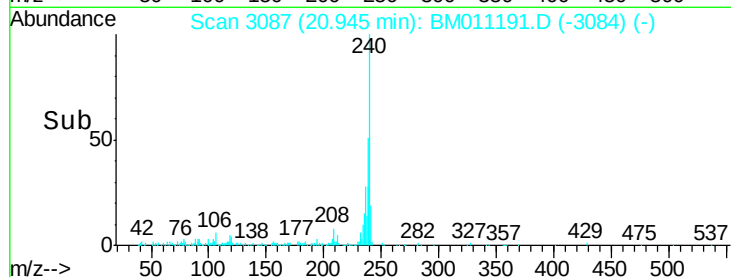
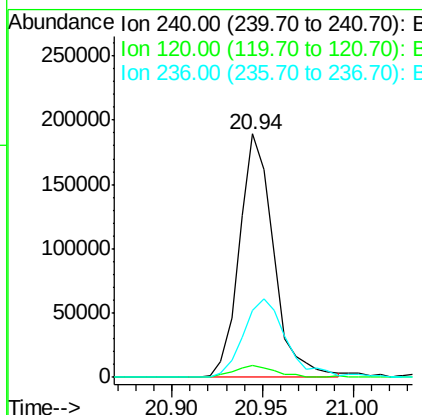
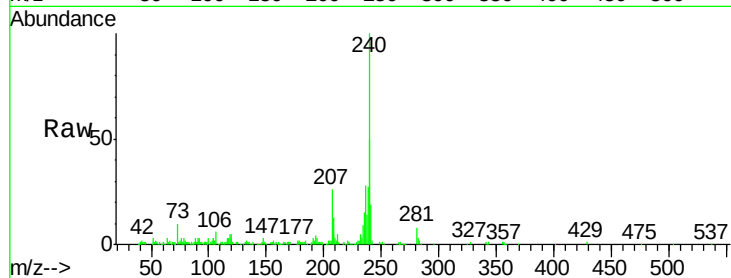




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.08 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

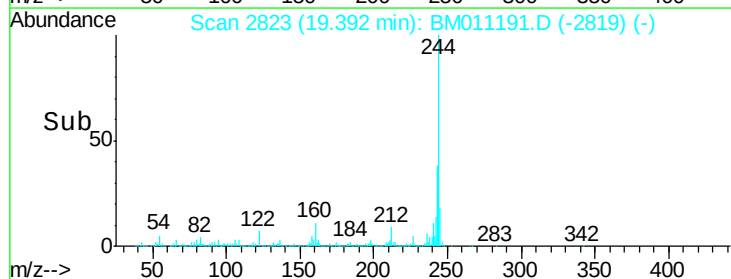
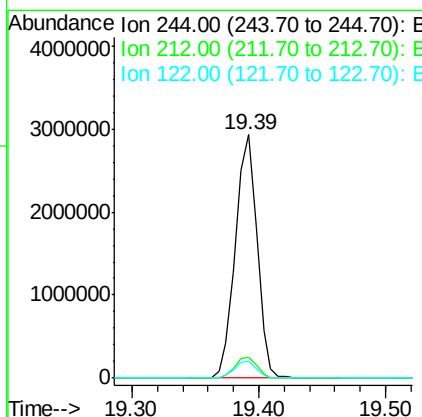
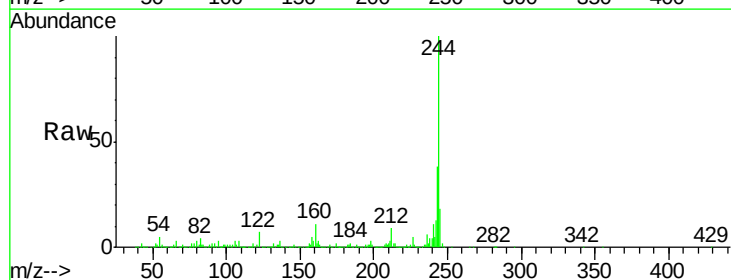
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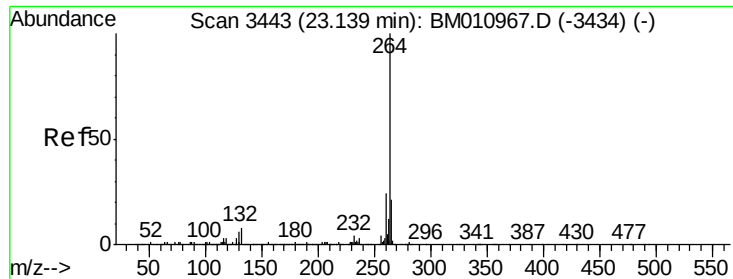
Tot Ion:240 Resp: 248673
 Ion Ratio Lower Upper
 240 100
 120 4.9 8.2 12.2#
 236 27.6 20.0 30.0



#78
 Terphenyl-d14
 Concen: 275.67 ng
 RT: 19.39 min Scan# 2823
 Delta R.T. -0.08 min
 Lab File: BM011191.D
 Acq: 10 Aug 2017 01:11

Tgt Ion:244 Resp: 3460636
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 6.9 6.2 9.4





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.03 min Scan# 3441

Delta R.T. -0.11 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-C

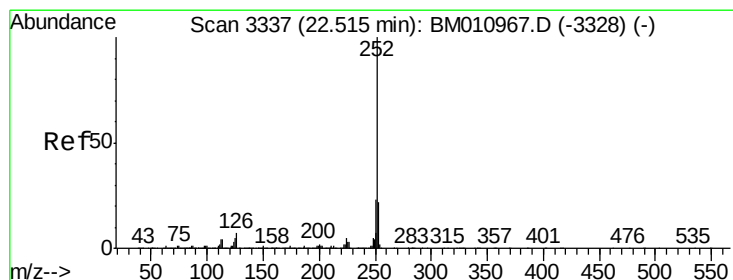
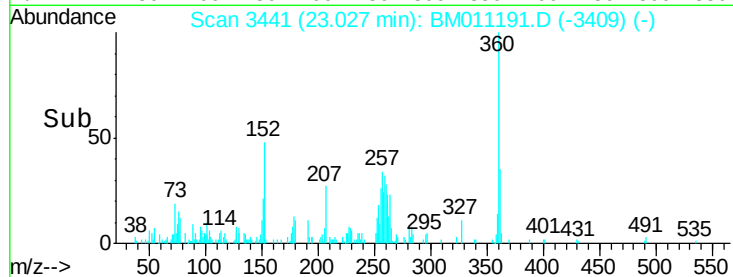
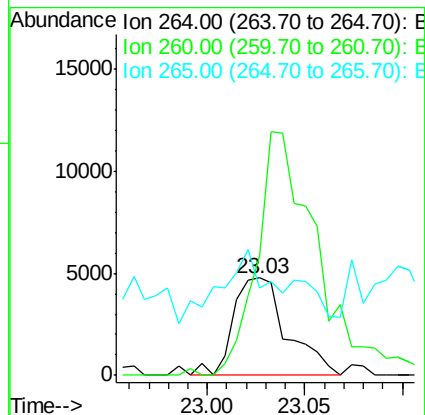
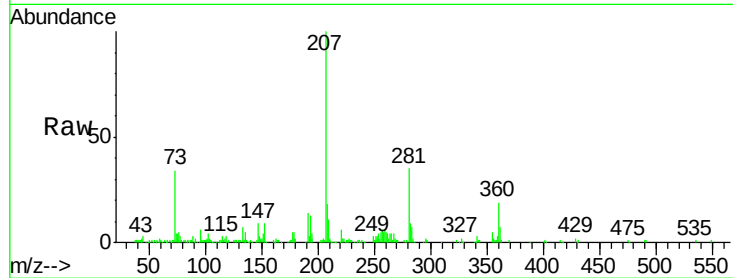
Tot Ion:264 Resp: 9135

Ion Ratio Lower Upper

264 100

260 122.7 18.6 27.8#

265 89.5 17.3 25.9#



#87

Benzo(b)fluoranthene

Concen: 2.00 ng

RT: 22.38 min Scan# 3331

Delta R.T. -0.14 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

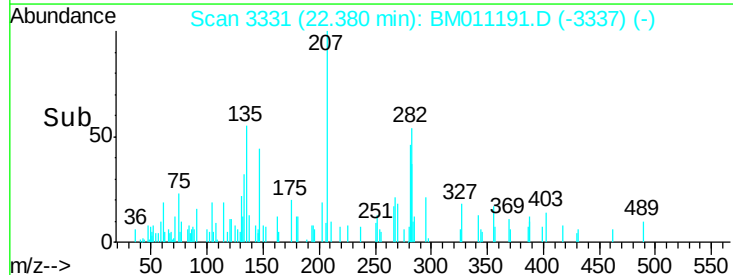
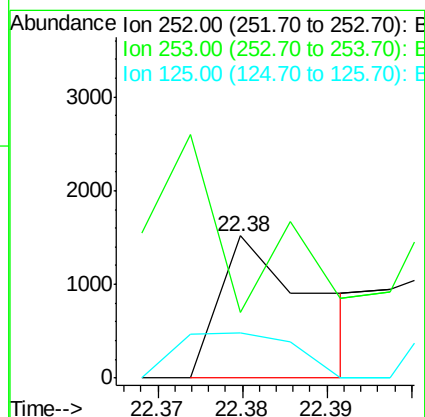
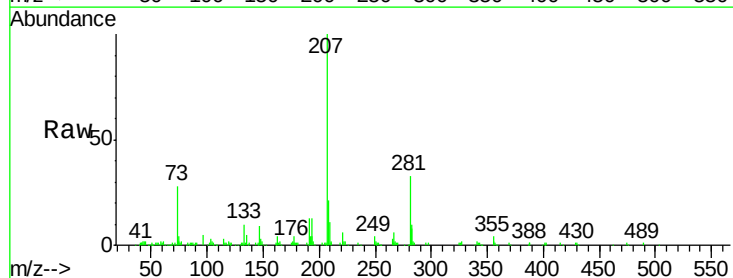
Tgt Ion:252 Resp: 1173

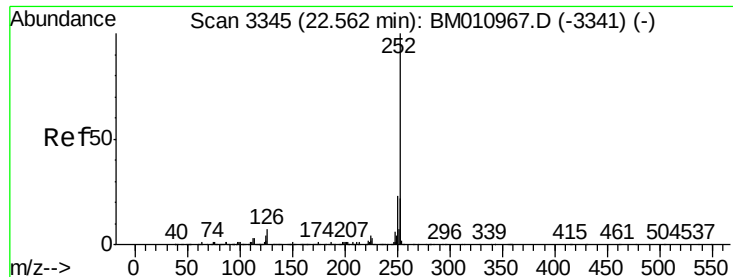
Ion Ratio Lower Upper

252 100

253 46.5 18.0 27.0#

125 31.7 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 6.08 ng

RT: 22.46 min Scan# 3345

Delta R.T. -0.10 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Instrument :

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ClientSampleId :

CL-01-080717-C

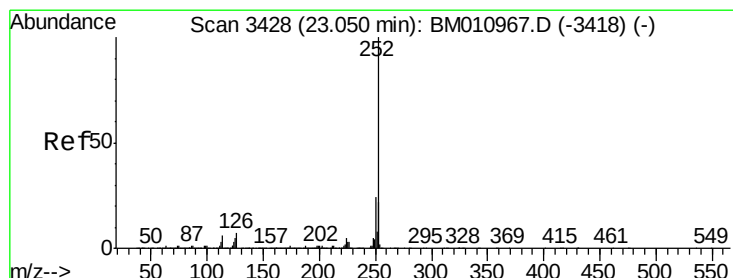
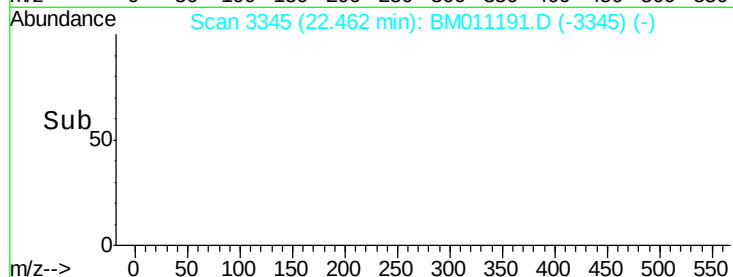
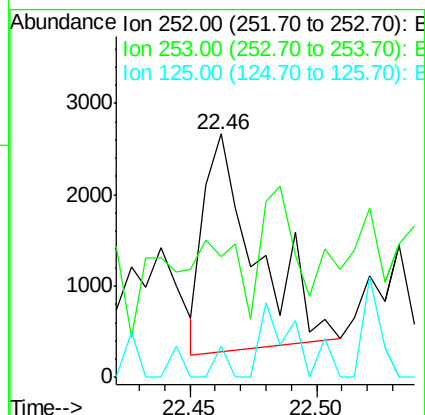
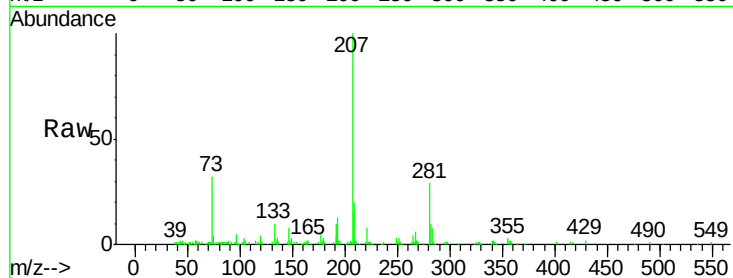
Tot Ion:252 Resp: 3417

Ion Ratio Lower Upper

252 100

253 49.5 17.2 25.8#

125 12.8 8.1 12.1#



#89

Benzo(a)pyrene

Concen: 13.24 ng

RT: 22.94 min Scan# 3427

Delta R.T. -0.11 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

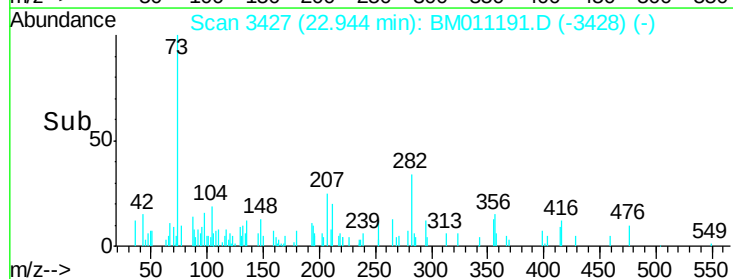
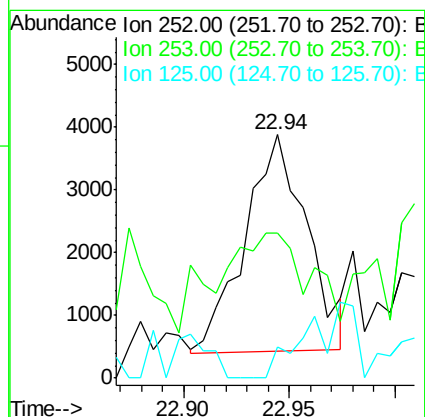
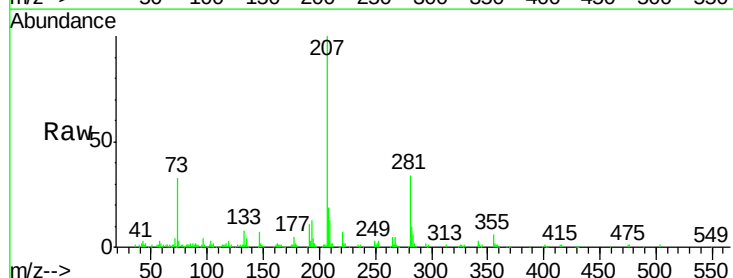
Tgt Ion:252 Resp: 7023

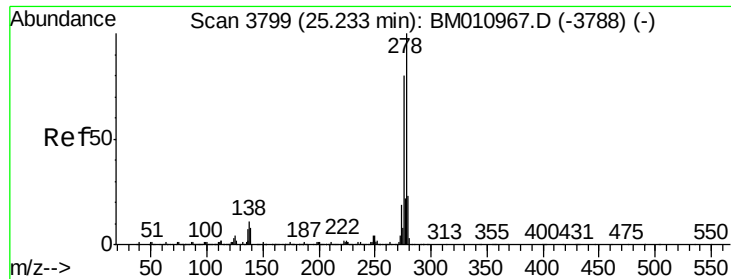
Ion Ratio Lower Upper

252 100

253 59.7 17.6 26.4#

125 12.9 7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 2.16 ng

RT: 25.12 min Scan# 3797

Delta R.T. -0.11 min

Lab File: BM011191.D

Acq: 10 Aug 2017 01:11

Instrument :

BNA_M

ClientSampleId :

CL-01-080717-C

Tot Ion: 278 Resp: 1063

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 0.0 19.0 28.4#

