

Data File : BM010943.D
Acq On : 21 Jul 2017 19:35
Operator : SJ/JU
Sample : I4280-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-B

Quant Time: Jul 21 23:25:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	281306	20.00	ng	-0.02
21) Naphthalene-d8	10.18	136	1046316	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	676906	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1606992	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1618135	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1385391	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2026765	119.35	ng	-0.01
7) Phenol-d6	6.62	99	2438963	104.18	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2306354	84.73	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1416259	136.91	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4470337	82.16	ng	-0.02
78) Terphenyl-d14	19.50	244	6866687	82.08	ng	-0.01
Target Compounds						
31) Naphthalene	10.23	128	122879	2.31	ng	Qvalue # 96

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

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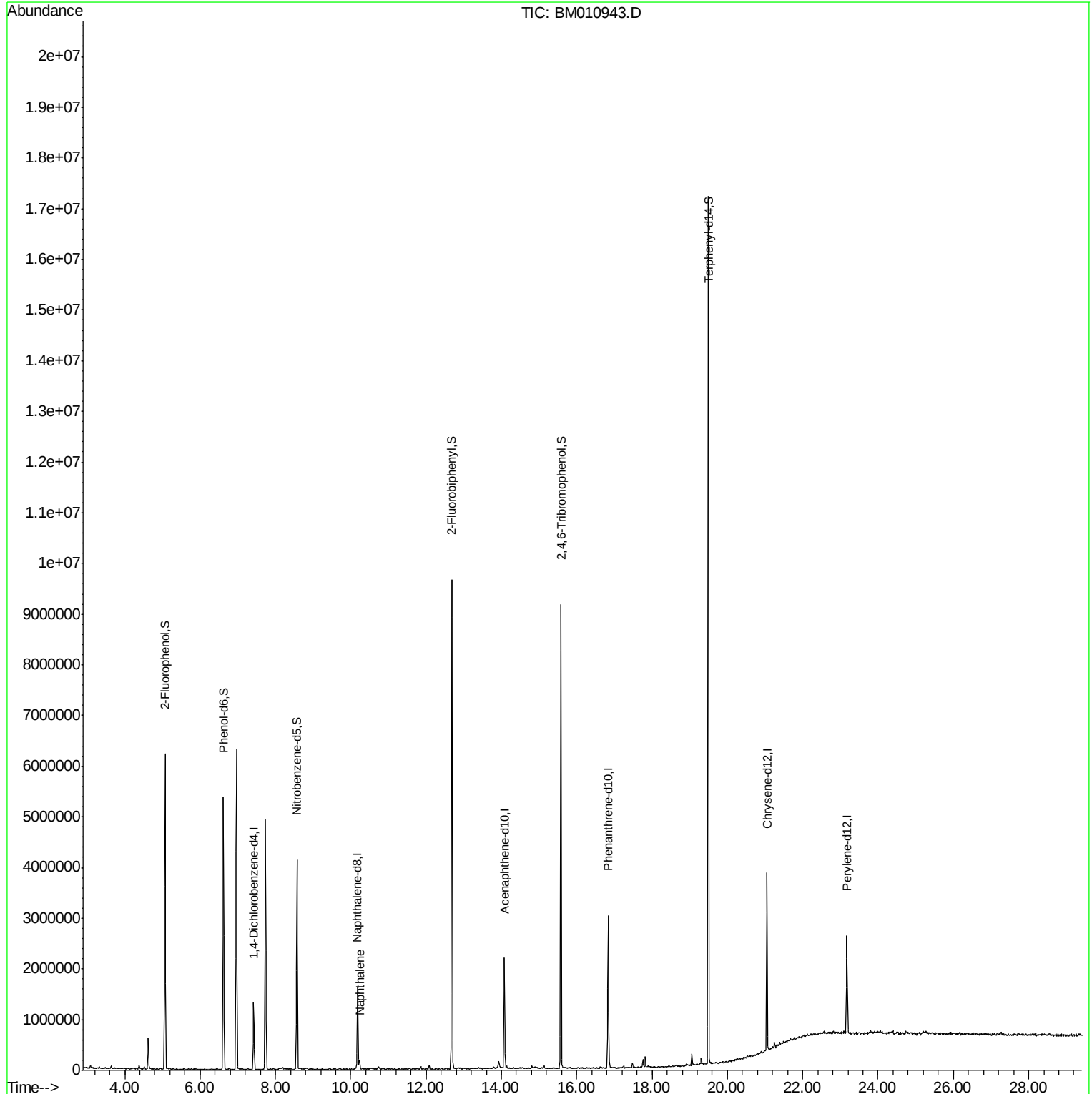
Quant Time: Jul 21 23:25:53 2017

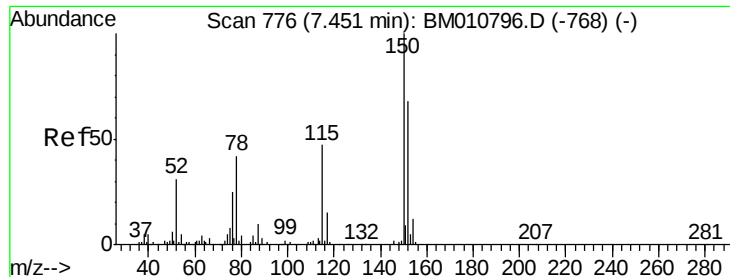
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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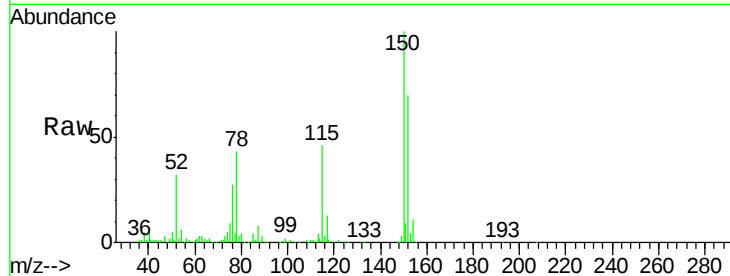


#1

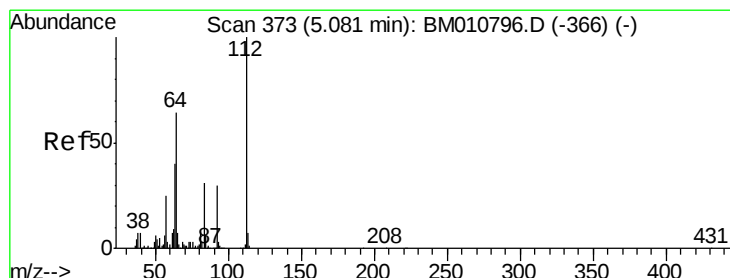
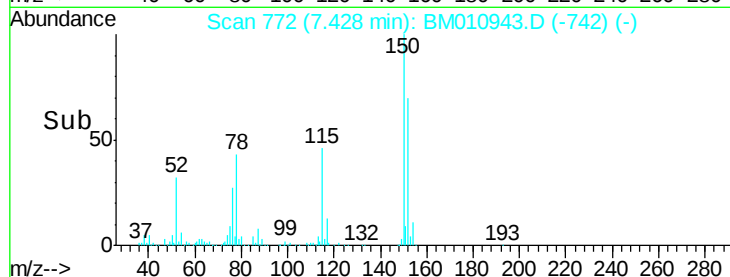
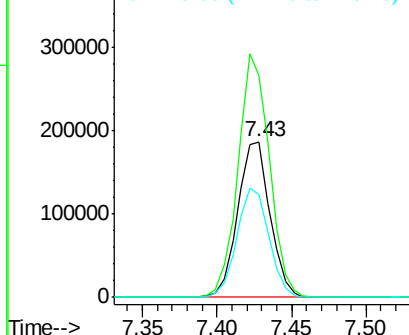
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Instrument :
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CL-01-071817-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.2	119.5	179.3
115	66.0	43.0	64.4



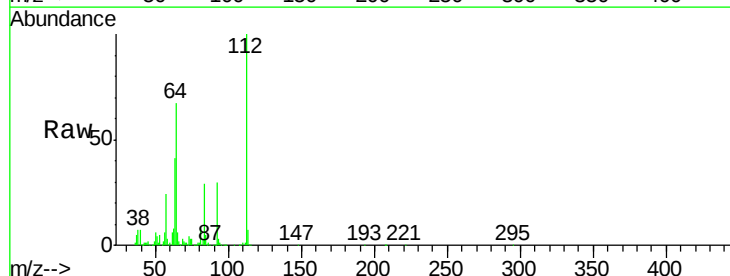
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



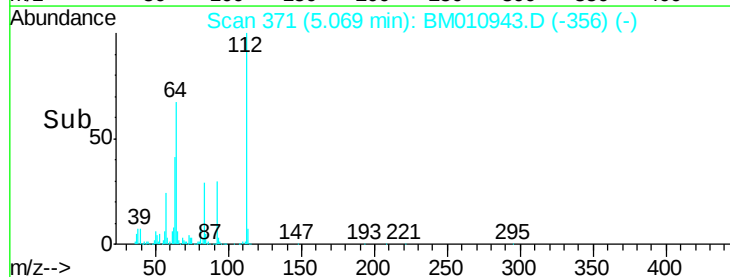
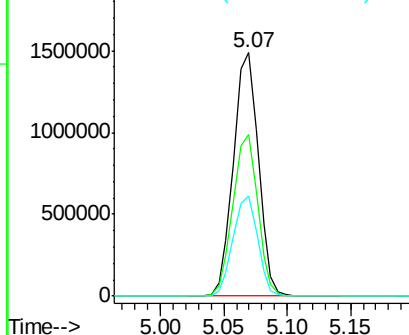
#5

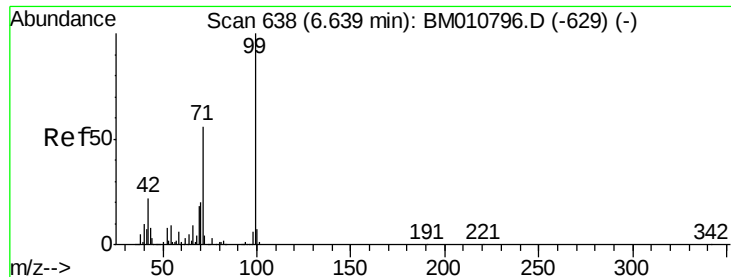
2-Fluorophenol
Concen: 119.35 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010943.D
Acq: 21 Jul 2017 19:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	38.6	57.8
63	41.3	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: 104.18 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-B

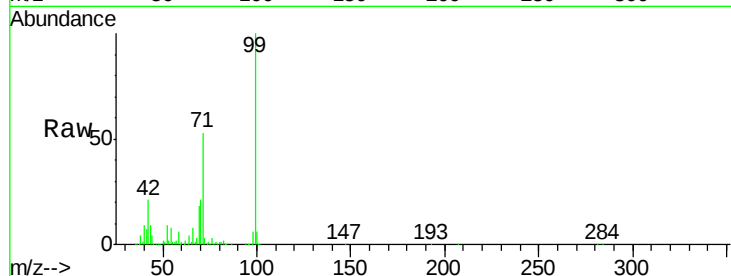
Tgt Ion: 99 Resp: 2438963

Ion Ratio Lower Upper

99 100

42 21.2 11.0 16.4#

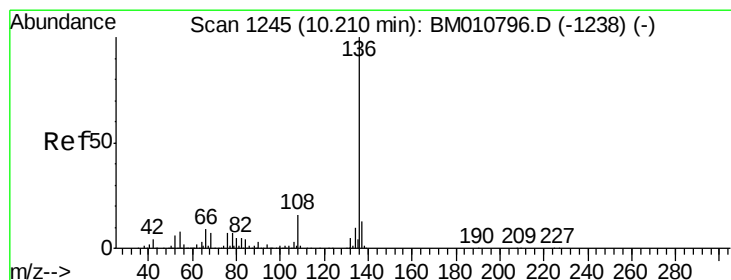
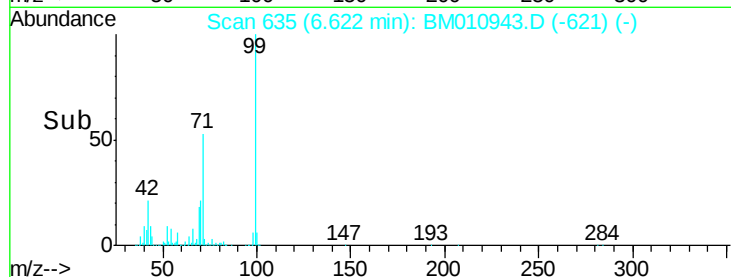
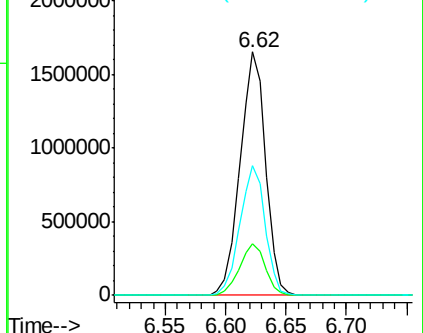
71 53.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

Tgt Ion: 136 Resp: 1046316

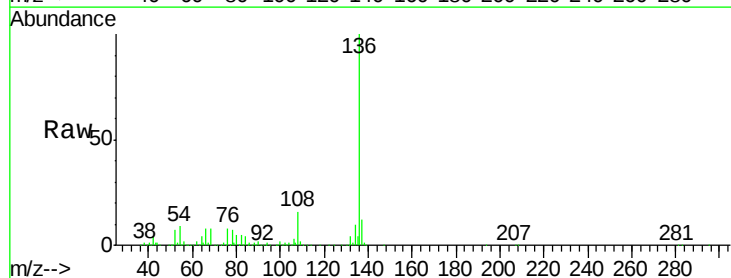
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 8.5 4.6 6.8#

68 7.5 3.7 5.5#

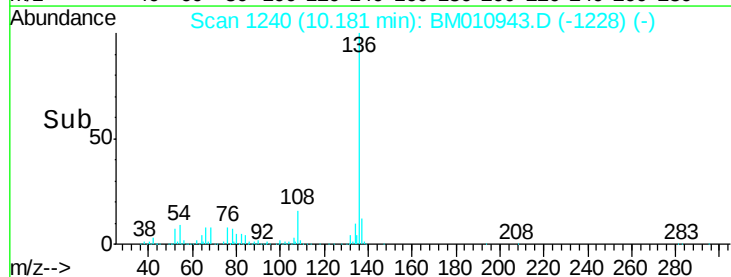
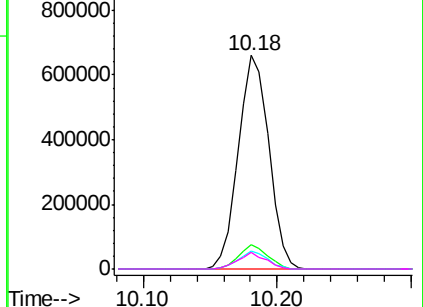


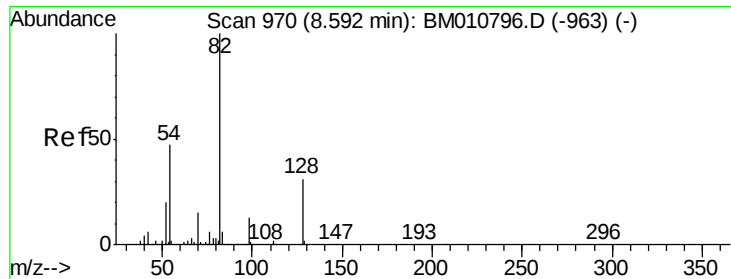
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

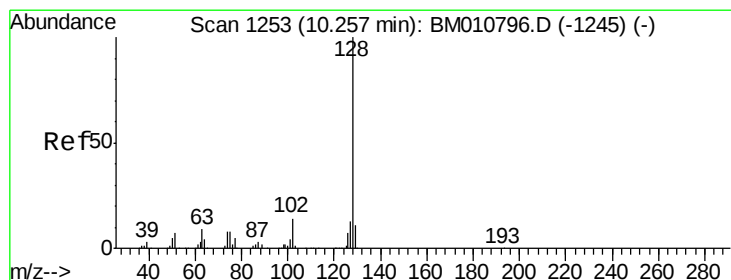
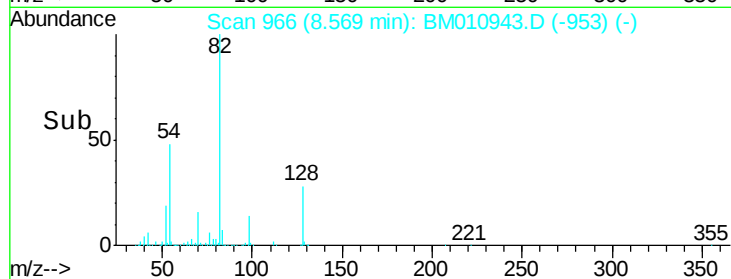
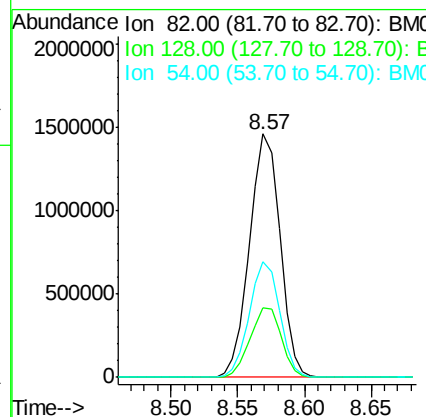
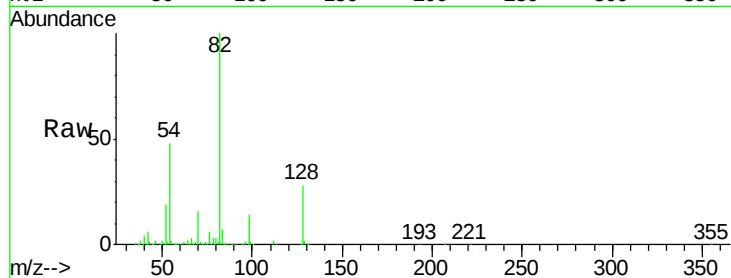




#23
 Nitrobenzene-d5
 Concen: 84.73 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010943.D
 Acq: 21 Jul 2017 19:35

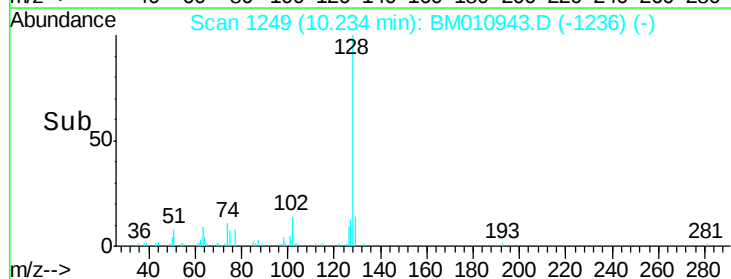
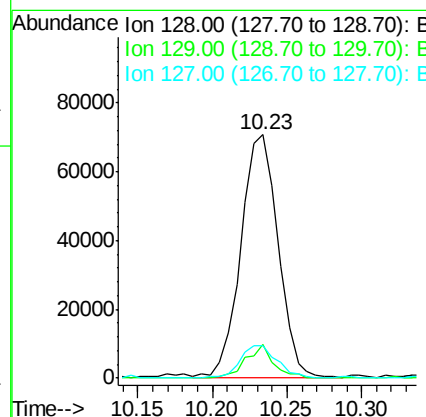
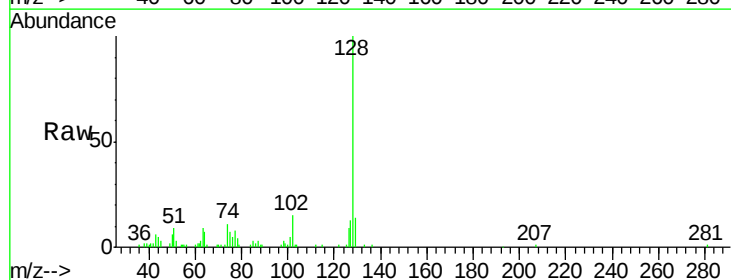
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-071817-B

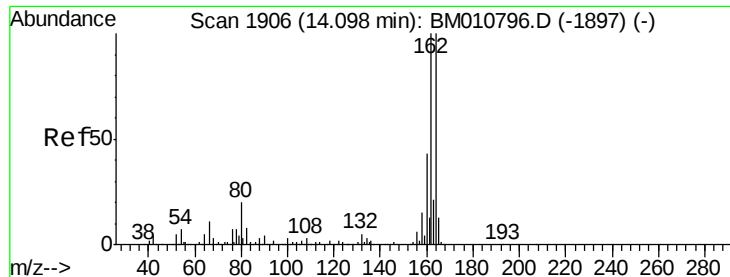
Tgt Ion: 82 Resp: 2306354
 Ion Ratio Lower Upper
 82 100
 128 28.5 32.8 49.2#
 54 47.7 40.6 60.8



#31
 Naphthalene
 Concen: 2.31 ng
 RT: 10.23 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BM010943.D
 Acq: 21 Jul 2017 19:35

Tgt Ion: 128 Resp: 122879
 Ion Ratio Lower Upper
 128 100
 129 13.9 8.9 13.3#
 127 13.2 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-B

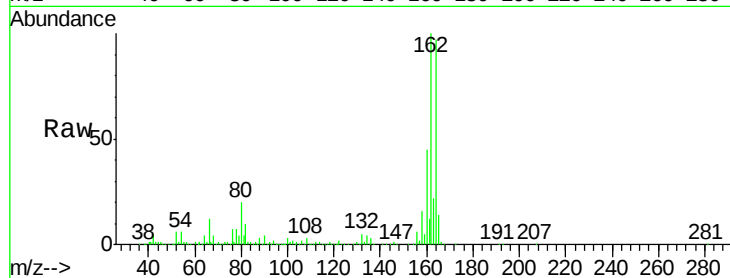
Tgt Ion:164 Resp: 676906

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

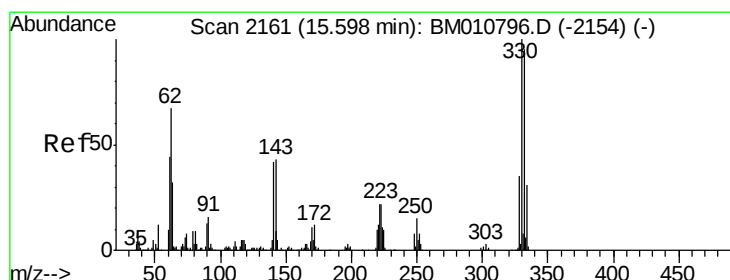
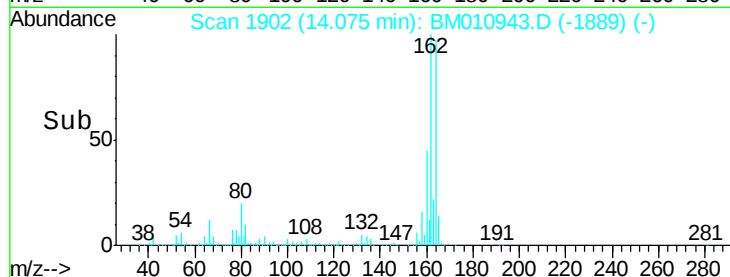
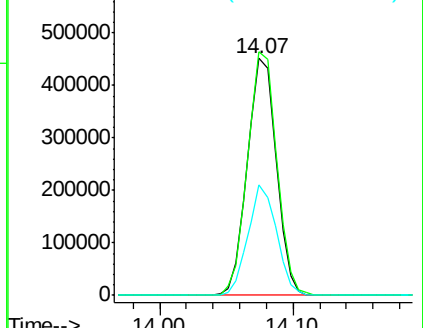
160 46.6 35.8 53.6



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: 136.91 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

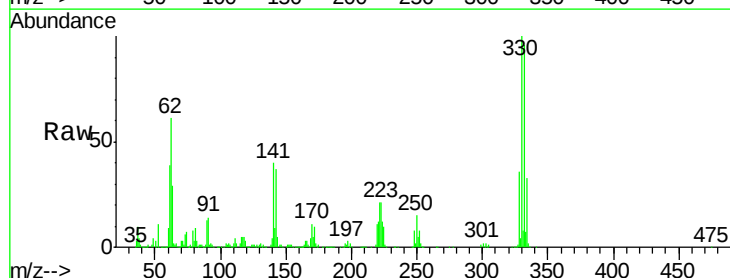
Tgt Ion:330 Resp: 1416259

Ion Ratio Lower Upper

330 100

332 95.5 0.0 0.0#

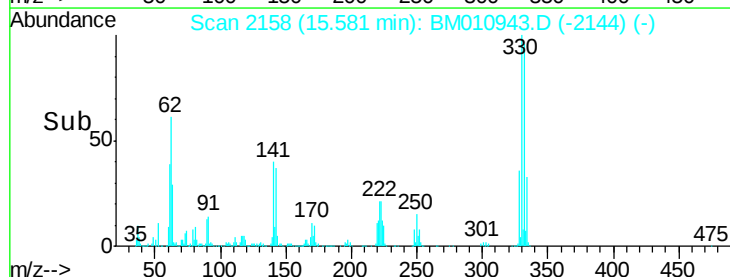
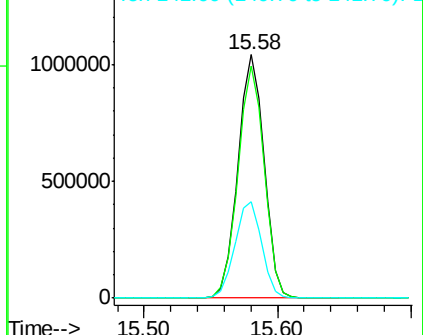
141 40.7 0.0 0.0#

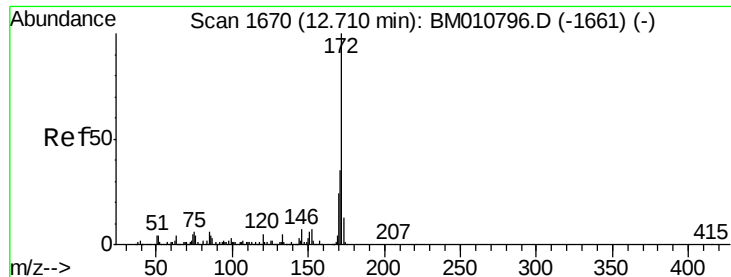


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

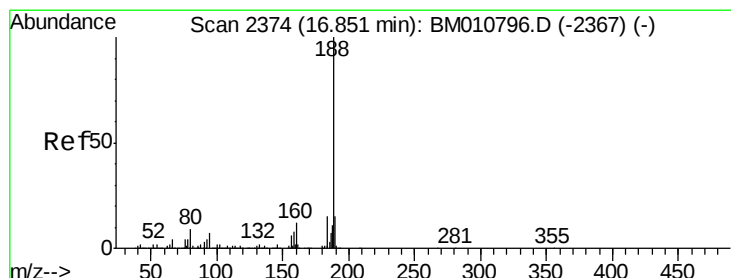
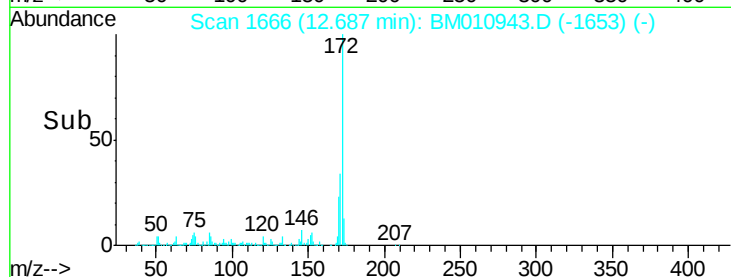
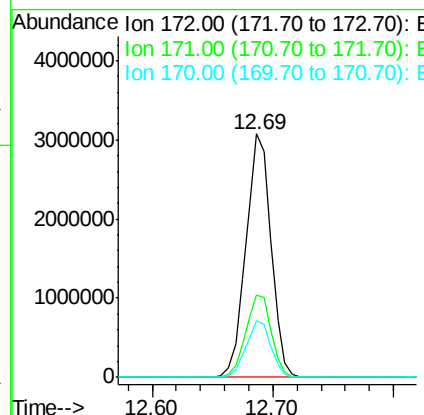
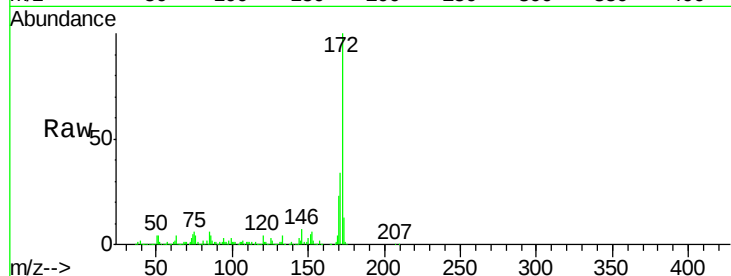




#44
 2-Fluorobiphenyl
 Concen: 82.16 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010943.D
 Acq: 21 Jul 2017 19:35

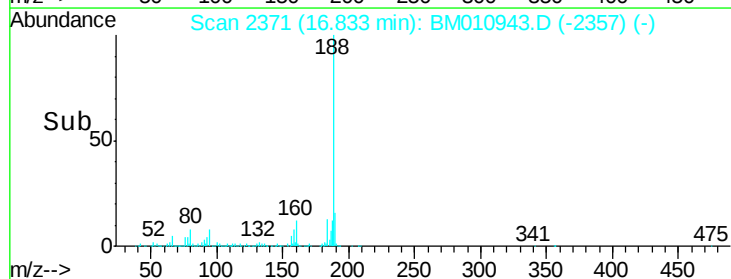
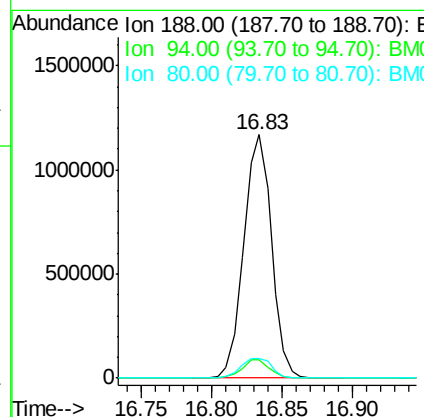
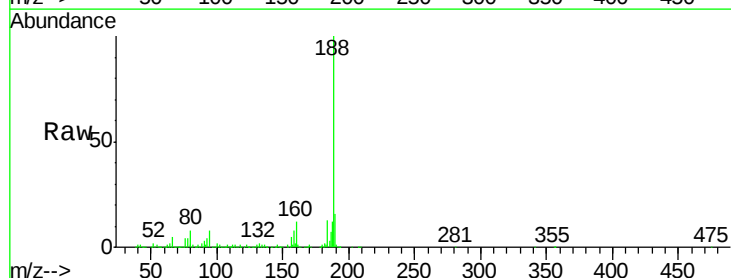
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-071817-B

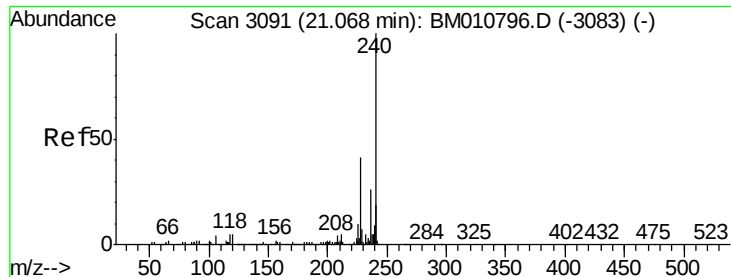
Tgt Ion:172 Resp: 4470337
 Ion Ratio Lower Upper
 172 100
 171 33.9 28.5 42.7
 170 23.1 18.8 28.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.83 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM010943.D
 Acq: 21 Jul 2017 19:35

Tgt Ion:188 Resp: 1606992
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.7 13.1#
 80 8.2 9.3 13.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.02 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-B

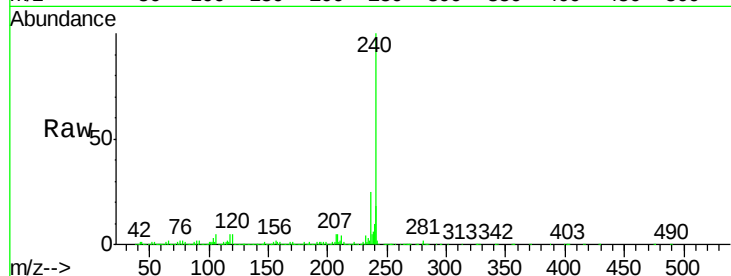
Tgt Ion:240 Resp: 1618135

Ion Ratio Lower Upper

240 100

120 5.3 8.2 12.2#

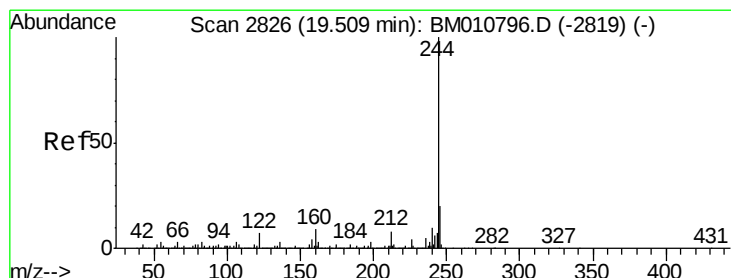
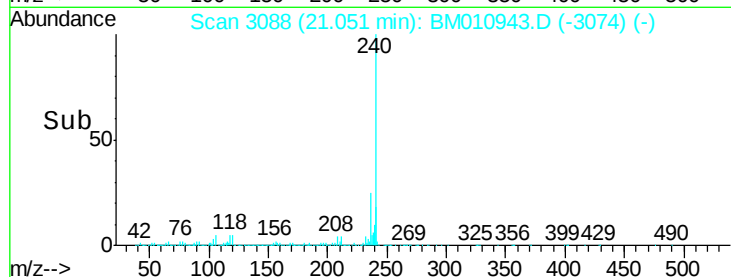
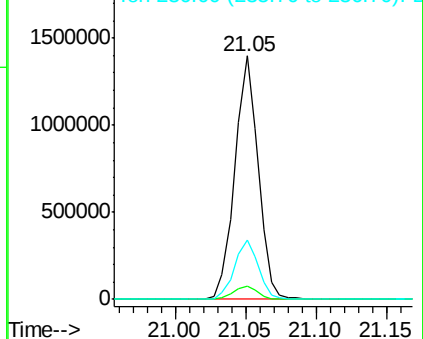
236 24.6 20.0 30.0



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: 82.08 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010943.D

Acq: 21 Jul 2017 19:35

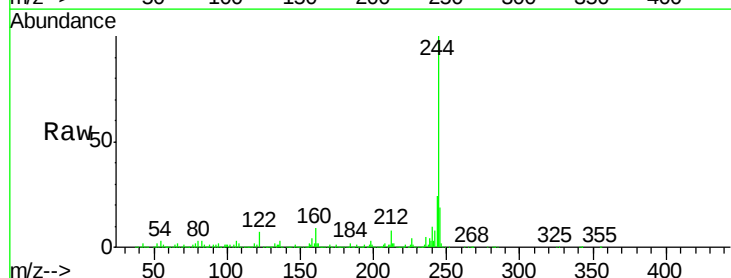
Tgt Ion:244 Resp: 6866687

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

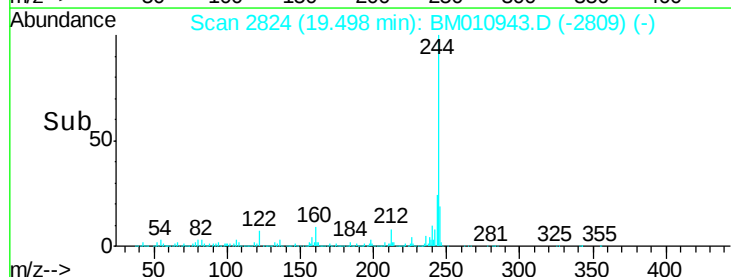
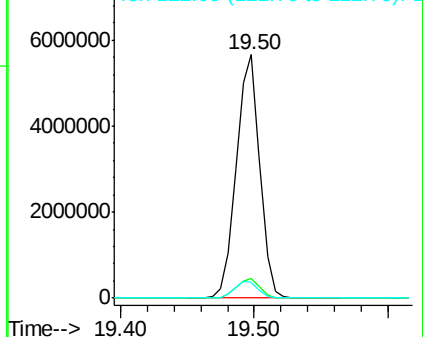
122 6.6 6.2 9.4

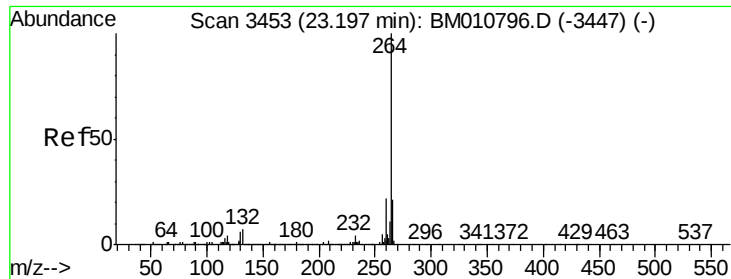


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.18 min Scan# 3450
 Delta R.T. -0.02 min
 Lab File: BM010943.D
 Acq: 21 Jul 2017 19:35

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-071817-B

Tgt Ion: 264 Resp: 1385391
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 22.2 17.3 25.9

