

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011400.D
 Acq On : 01 Sep 2017 08:24
 Operator : SJ/JU
 Sample : I5019-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 01 08:58:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

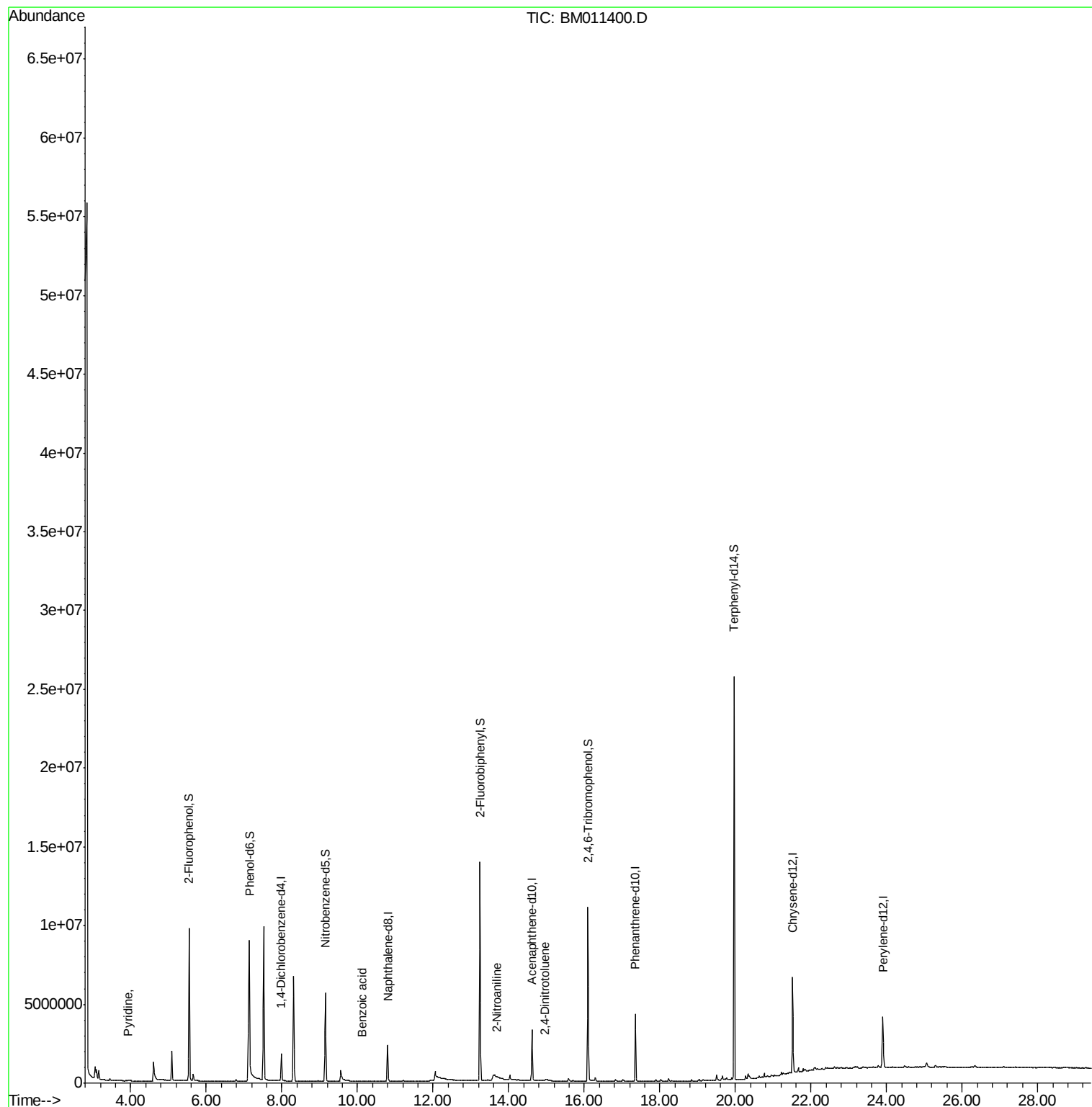
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	463030	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	1941869	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1050464	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2379655	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2897484	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2187149	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3810467	138.52	ng	0.00
7) Phenol-d6	7.14	99	4457621	116.87	ng	0.00
23) Nitrobenzene-d5	9.15	82	2924929	99.26	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1848206	152.07	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	7018251	96.31	ng	0.00
78) Terphenyl-d14	19.97	244	10429350	89.31	ng	0.00
Target Compounds						
3) Pyridine	3.92	79	77476	2.207	ng	# 88
32) Benzoic acid	10.12	122	267	6.551	ng	# 1
47) 2-Nitroaniline	13.68	65	435	5.455	ng	# 1
56) 2,4-Dinitrotoluene	14.96	165	933	5.176	ng	# 75

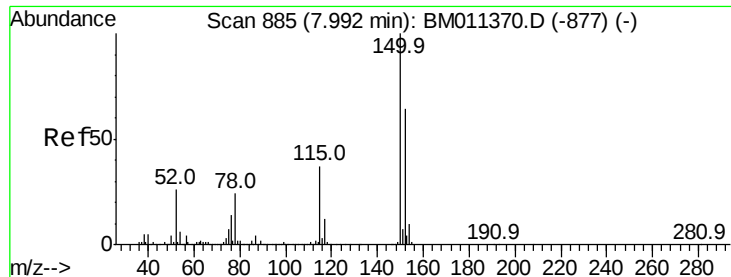
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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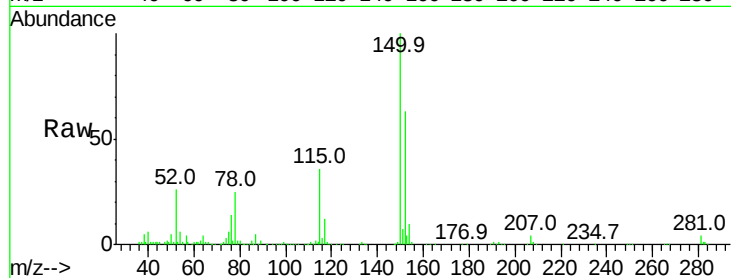


#1

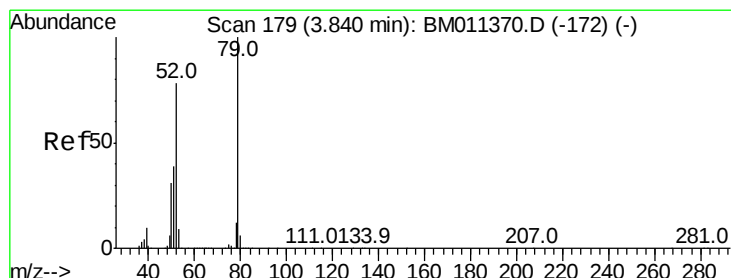
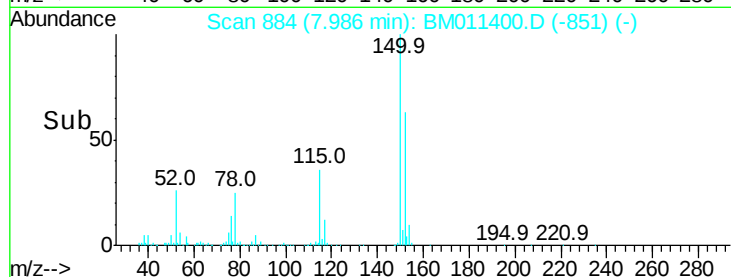
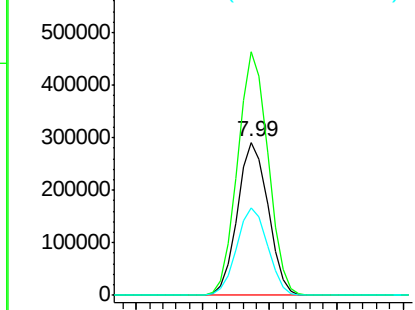
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion	152	Resp	463030
Ion	Ratio	Lower	Upper
152	100		
150	159.3	119.5	179.3
115	57.5	43.0	64.4



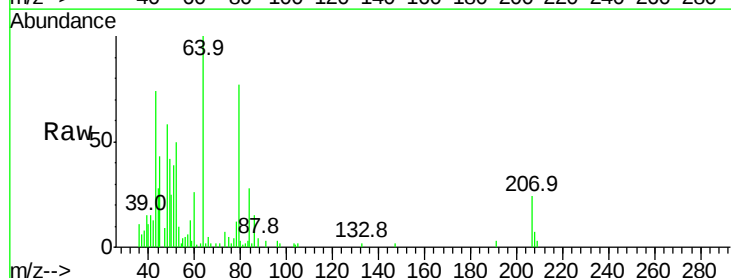
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



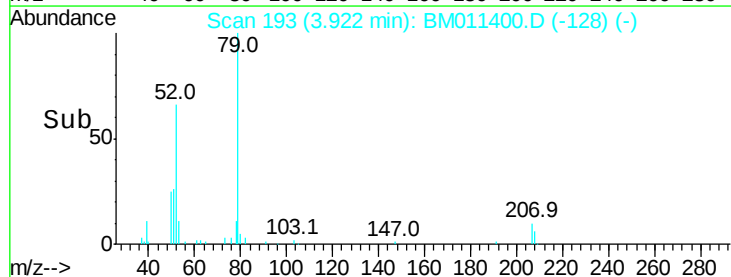
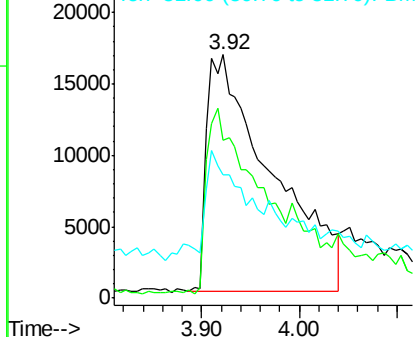
#3

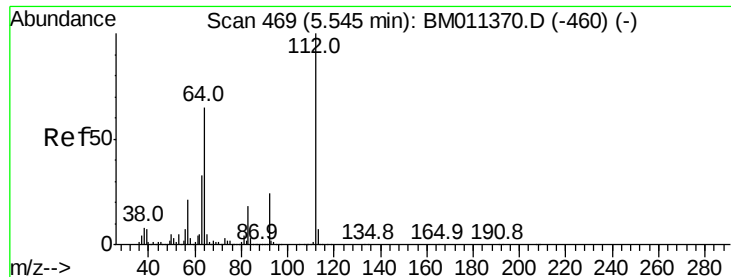
Pyridine
Concen: 2.207 ng
RT: 3.92 min Scan# 193
Delta R.T. 0.08 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion	79	Resp	77476
Ion	Ratio	Lower	Upper
79	100		
52	64.8	51.1	76.7
51	50.7	26.1	39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM0
Ion 52.00 (51.70 to 52.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#5

2-Fluorophenol

Concen: 138.524 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

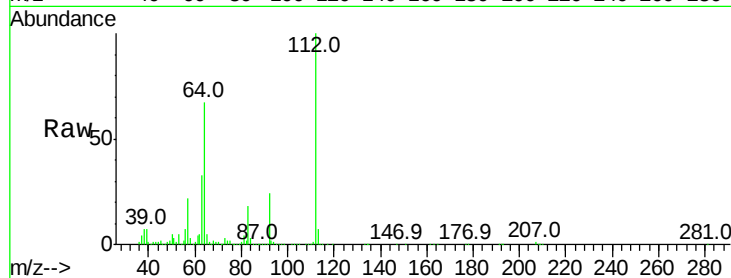
Tot Ion:112 Resp: 3810467

Ion Ratio Lower Upper

112 100

64 66.6 38.6 57.8#

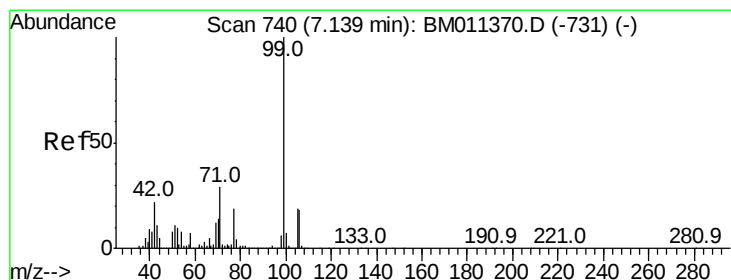
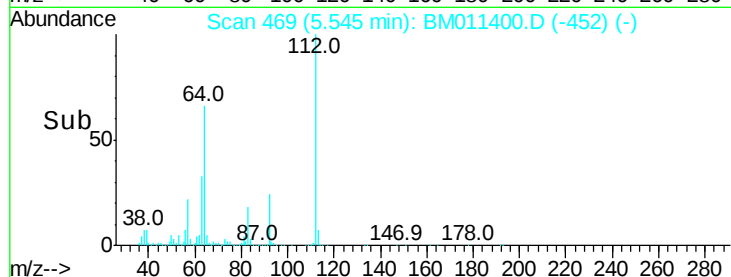
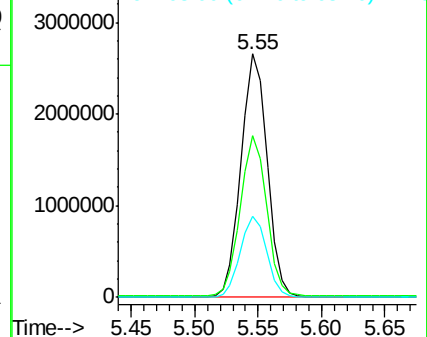
63 33.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 116.867 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

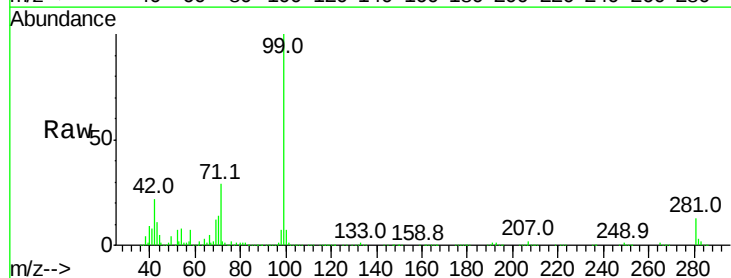
Tgt Ion: 99 Resp: 4457621

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

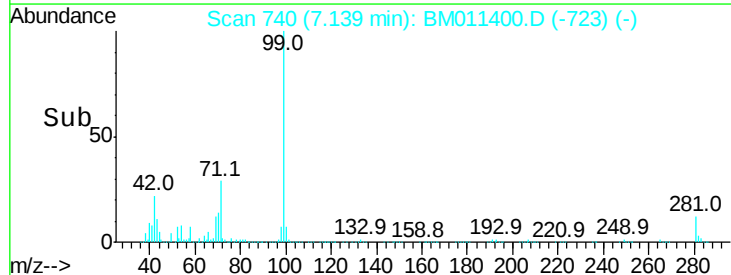
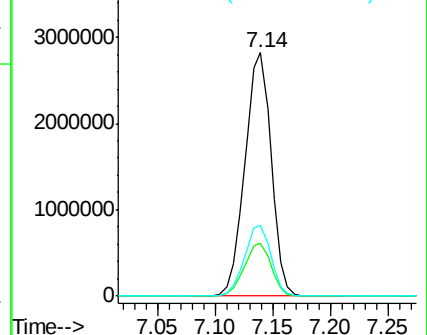
71 29.3 23.4 35.2

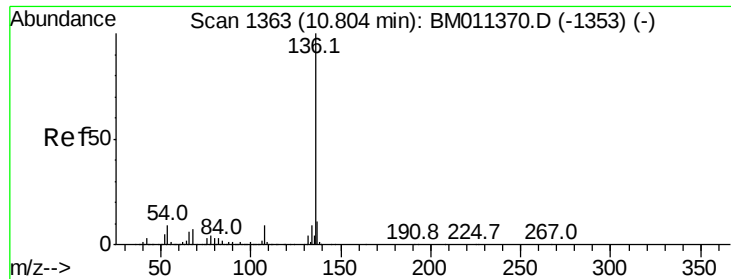


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

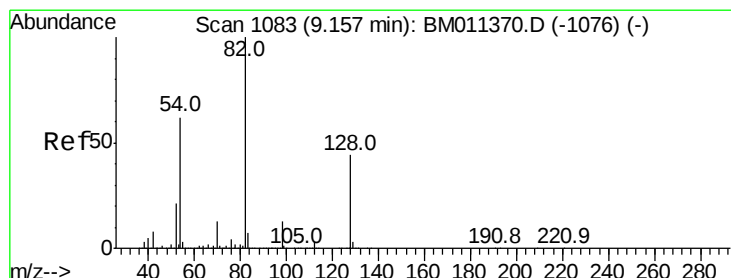
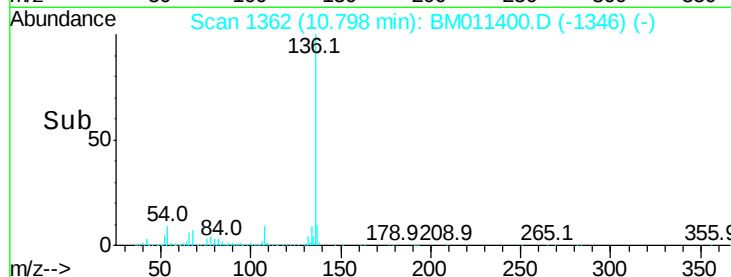
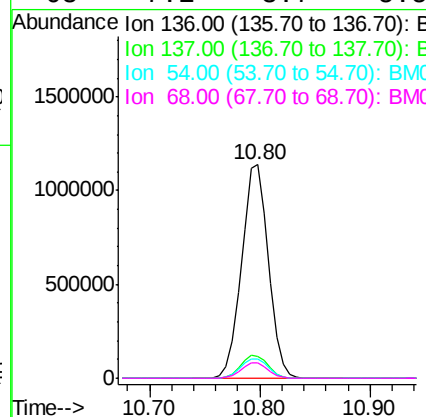
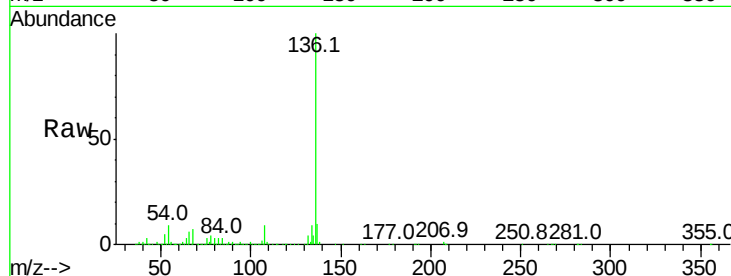




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

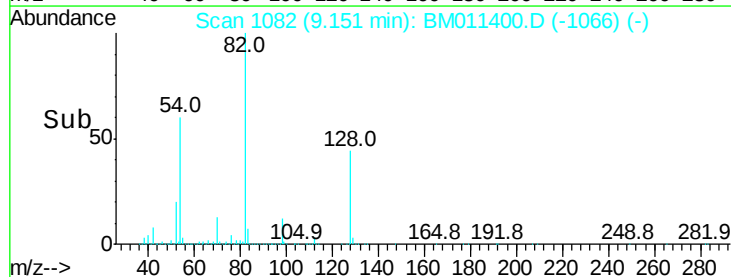
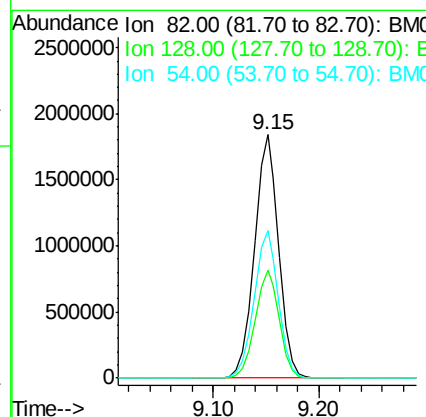
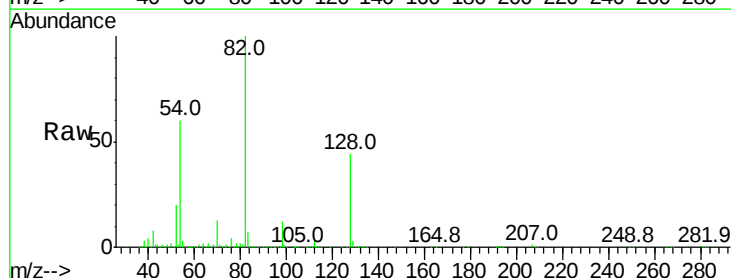
Instrument :
BNA_M
ClientSampleId :

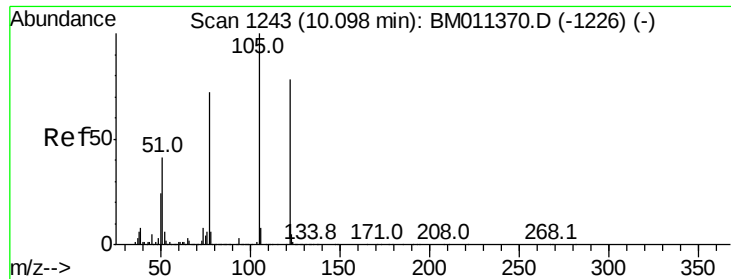
Tot Ion:136 Resp: 1941869
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 8.7 4.6 6.8#
68 7.1 3.7 5.5#



#23
Nitrobenzene-d5
Concen: 99.259 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion: 82 Resp: 2924929
Ion Ratio Lower Upper
82 100
128 44.1 32.8 49.2
54 60.5 40.6 60.8

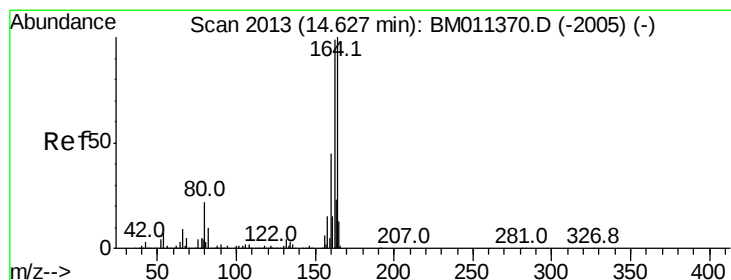
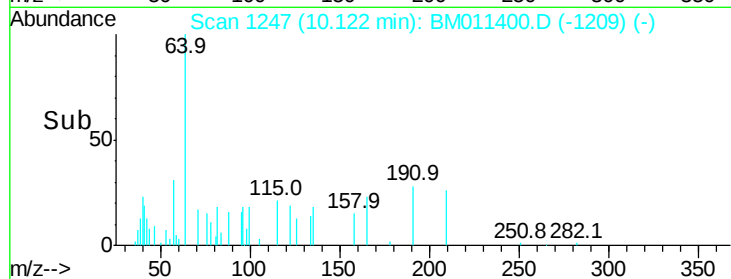
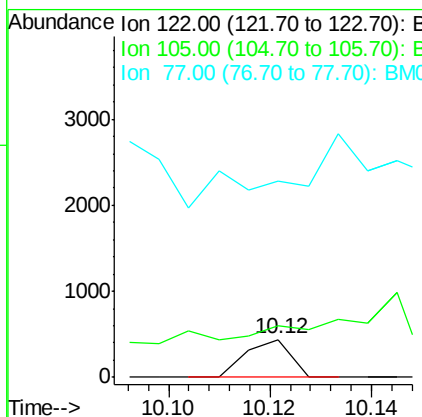
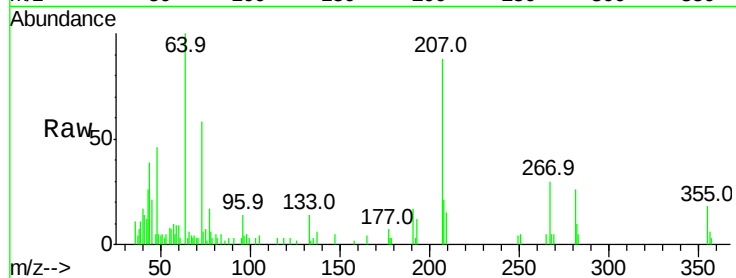




#32
Benzoic acid
Concen: 6.551 ng
RT: 10.12 min Scan# 1247
Delta R.T. 0.02 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

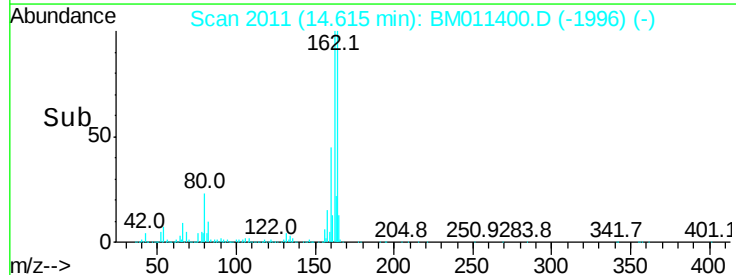
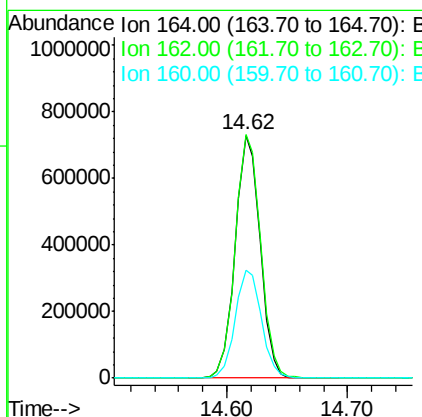
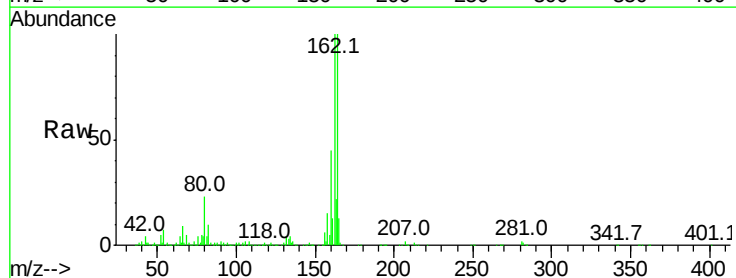
Instrument :
BNA_M
ClientSampleId :

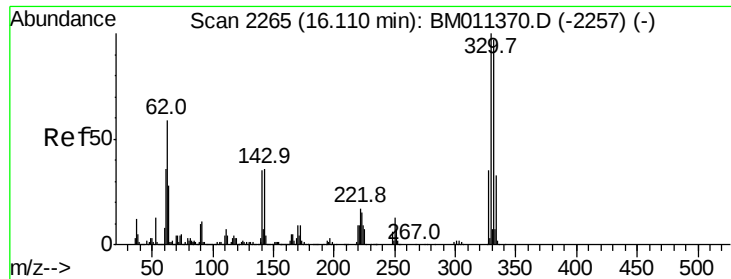
Tot Ion:122 Resp: 267
Ion Ratio Lower Upper
122 100
105 136.9 99.9 139.9
77 524.1 73.7 113.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion:164 Resp: 1050464
Ion Ratio Lower Upper
164 100
162 100.5 82.4 123.6
160 44.8 35.8 53.6

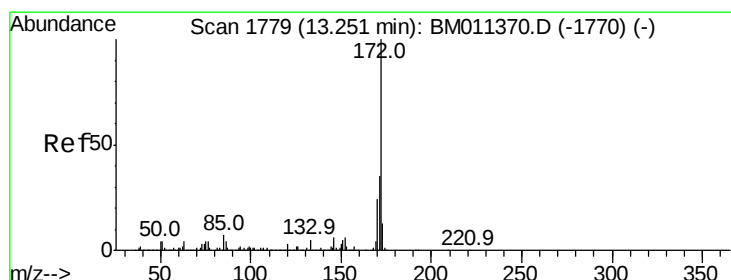
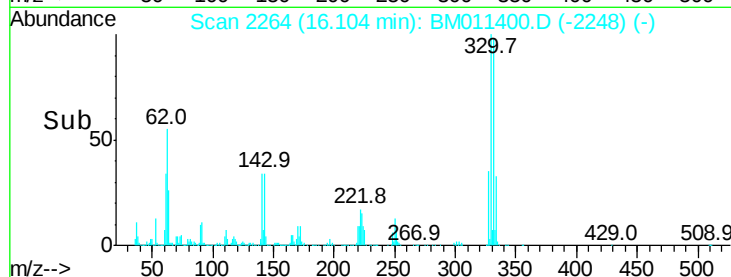
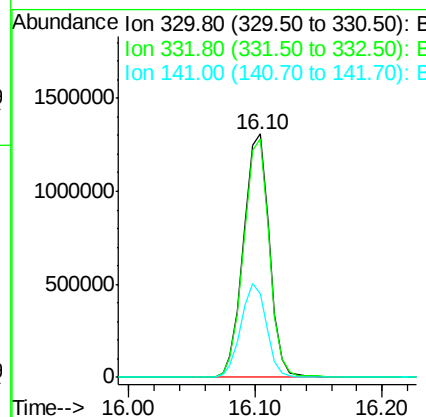
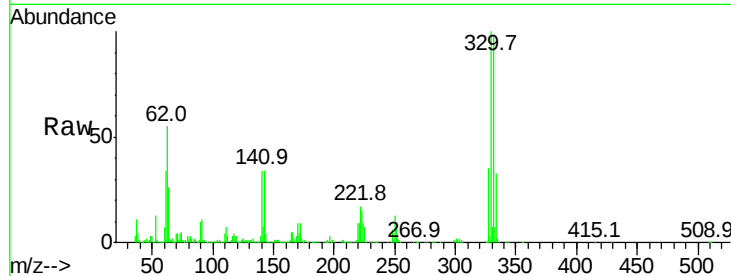




#41
 2,4,6-Tribromophenol
 Concen: 152.073 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011400.D
 Acq: 01 Sep 2017 08:24

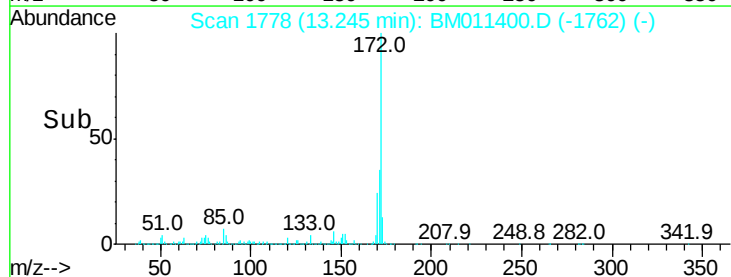
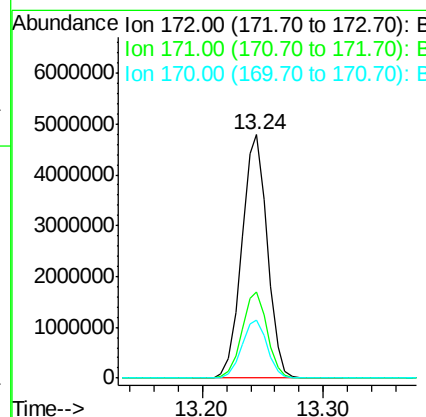
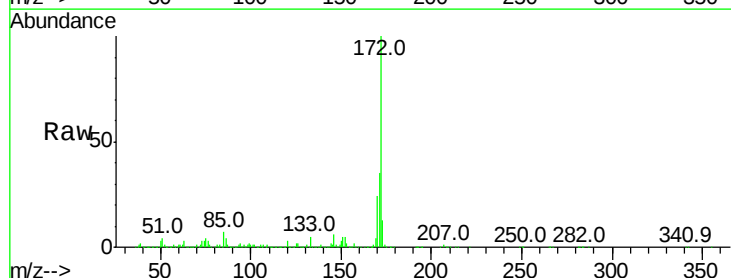
Instrument :
 BNA_M
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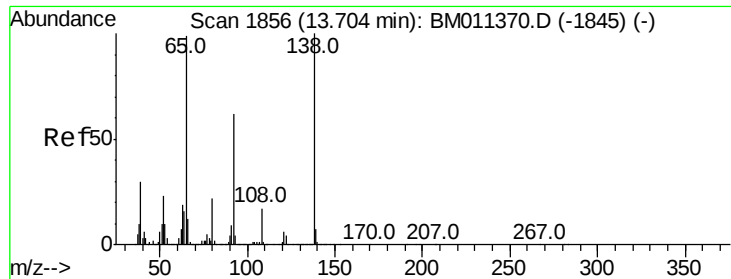
Tot Ion:330 Resp: 1848206
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 38.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.307 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011400.D
 Acq: 01 Sep 2017 08:24

Tgt Ion:172 Resp: 7018251
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 24.1 18.8 28.2

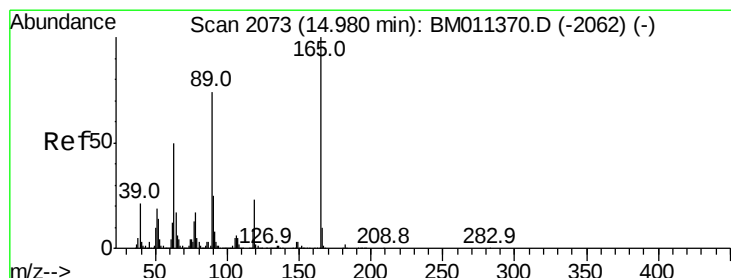
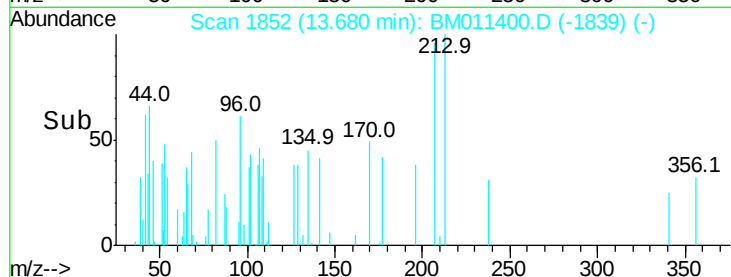
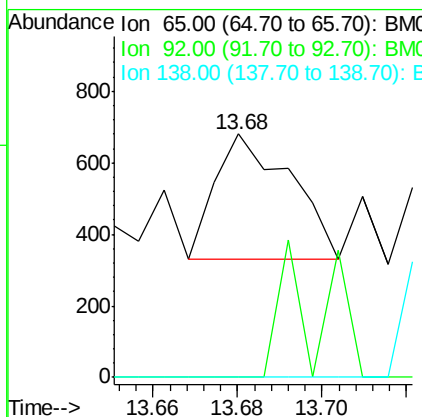
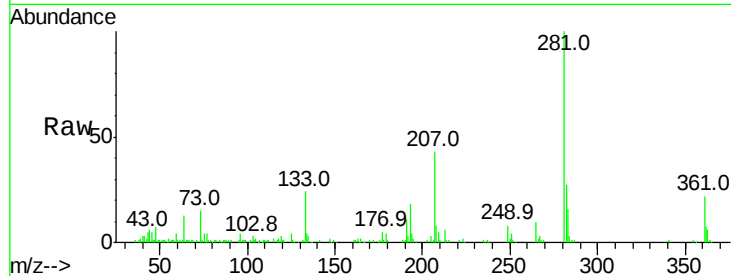




#47
2-Nitroaniline
Concen: 5.455 ng
RT: 13.68 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

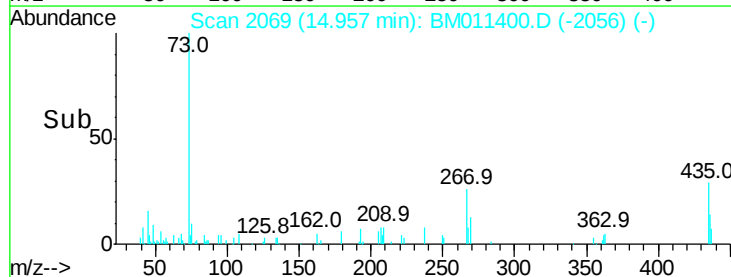
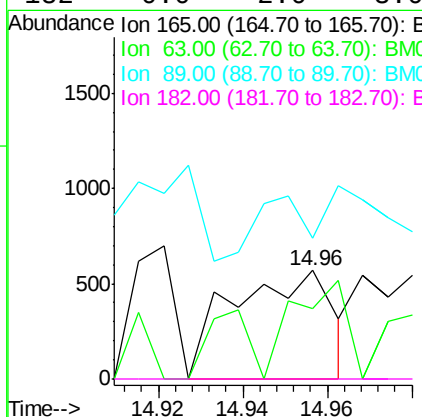
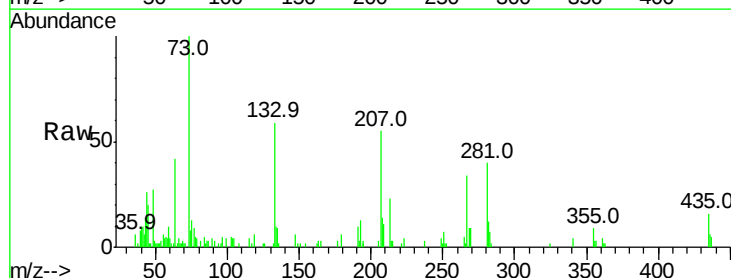
Instrument :
BNA_M
ClientSampleId :

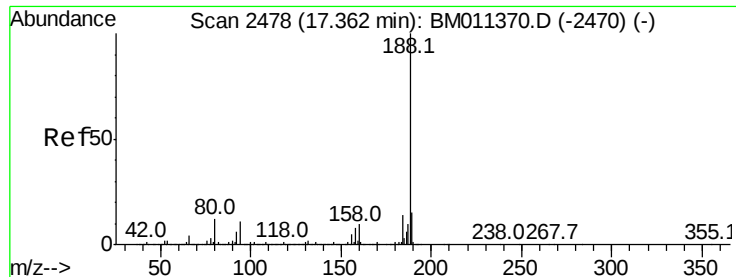
Tot Ion: 65 Resp: 435
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



#56
2,4-Dinitrotoluene
Concen: 5.176 ng
RT: 14.96 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion:165 Resp: 933
Ion Ratio Lower Upper
165 100
63 64.4 52.4 78.6
89 130.2 72.4 108.6#
182 0.0 2.0 3.0#

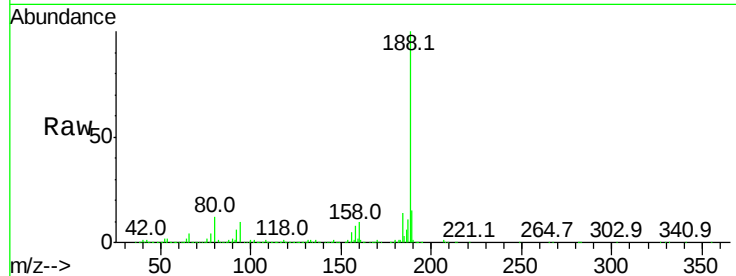




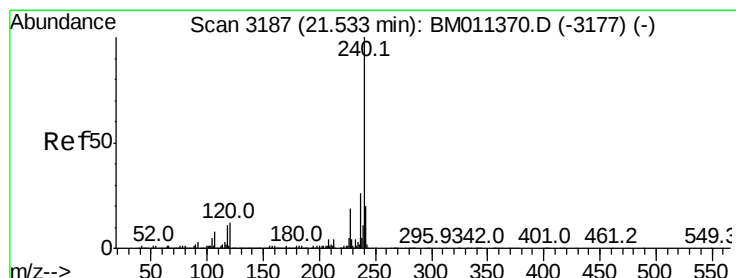
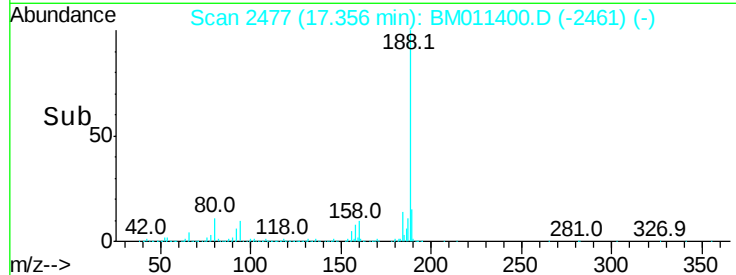
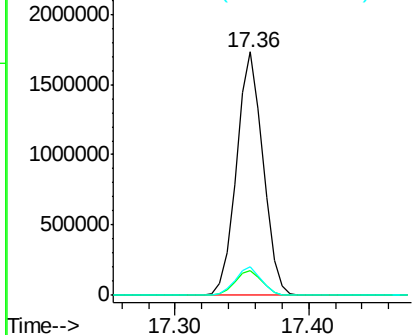
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 2379655
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 11.5 9.3 13.9

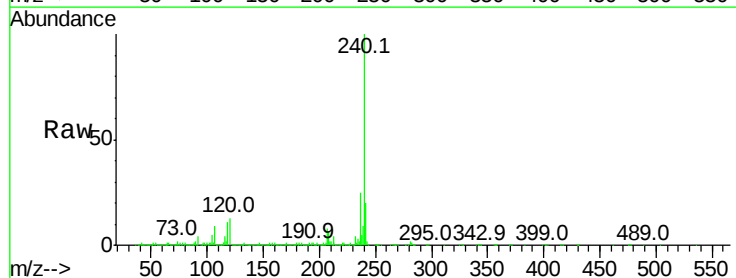


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

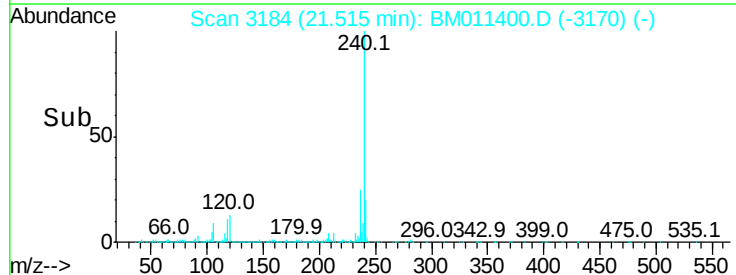
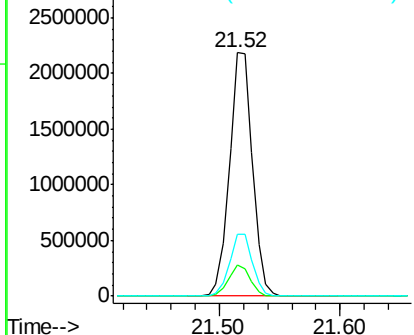


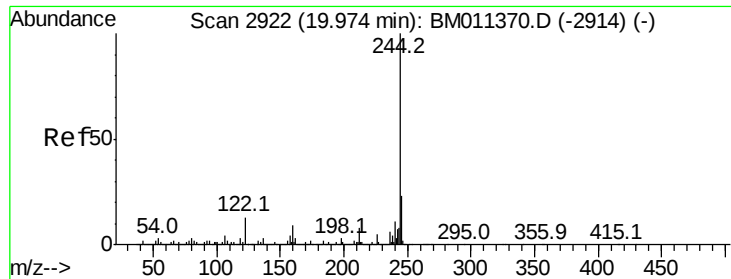
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011400.D
Acq: 01 Sep 2017 08:24

Tgt Ion:240 Resp: 2897484
Ion Ratio Lower Upper
240 100
120 12.9 8.2 12.2#
236 25.5 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: 89.310 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

Instrument :

BNA_M

ClientSampleId :

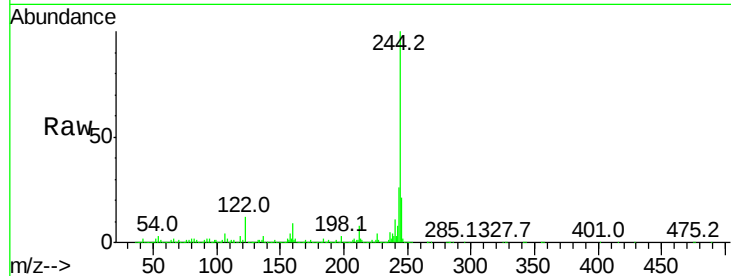
Tot Ion:244 Resp:10429350

Ion Ratio Lower Upper

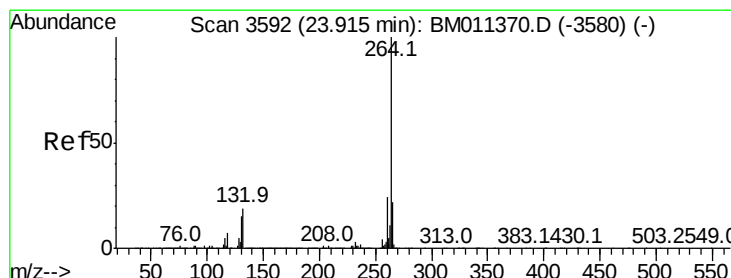
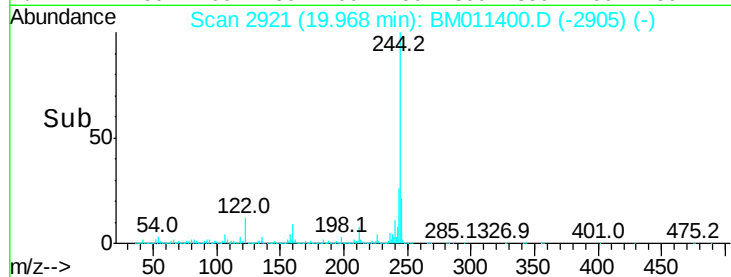
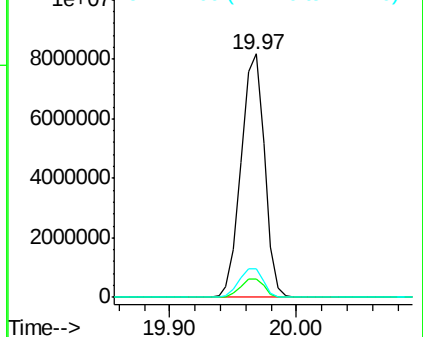
244 100

212 7.7 4.9 7.3#

122 11.7 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: 20.000 ng

RT: 23.90 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BM011400.D

Acq: 01 Sep 2017 08:24

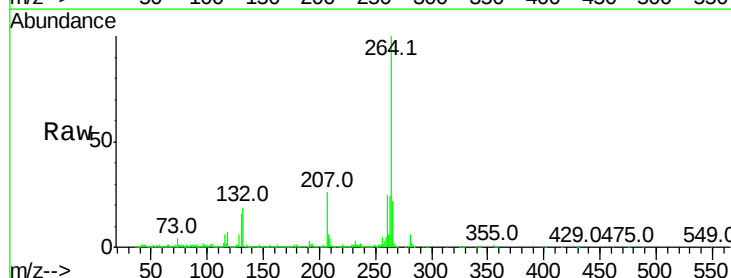
Tgt Ion:264 Resp: 2187149

Ion Ratio Lower Upper

264 100

260 24.8 18.6 27.8

265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

