

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\
 Data File : BM011465.D
 Acq On : 07 Sep 2017 21:30
 Operator : SJ/JU
 Sample : I5122-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-090617

Quant Time: Sep 08 07:50:48 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

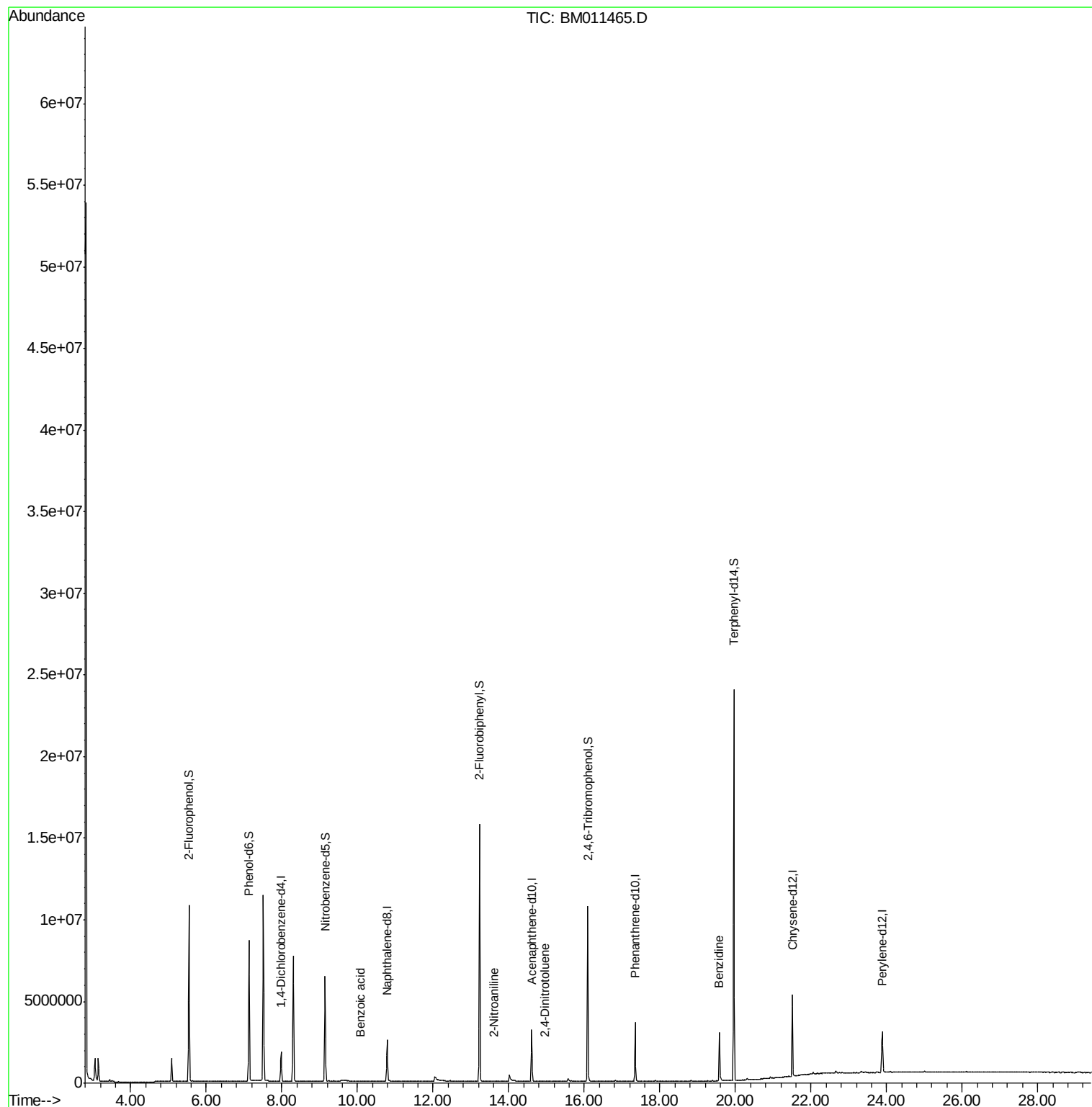
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	489903	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2024826	20.00	ng	-0.02
38) Acenaphthene-d10	14.61	164	1002503	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	2056511	20.00	ng	-0.02
75) Chrysene-d12	21.51	240	2219558	20.00	ng	-0.02
86) Perylene-d12	23.89	264	1894615	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	4059765	139.49	ng	0.00
7) Phenol-d6	7.13	99	4511066	111.78	ng	0.00
23) Nitrobenzene-d5	9.15	82	3327344	108.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	1572721	135.60	ng	-0.02
44) 2-Fluorobiphenyl	13.23	172	7360822	105.84	ng	-0.02
78) Terphenyl-d14	19.96	244	9019182	100.82	ng	-0.02
Target Compounds						
32) Benzoic acid	10.06	122	175	6.547	ng	# 1
47) 2-Nitroaniline	13.62	65	117	5.442	ng	# 1
56) 2,4-Dinitrotoluene	14.95	165	903	5.177	ng	# 44
76) Benzidine	19.57	184	1691434	38.612	ng	100

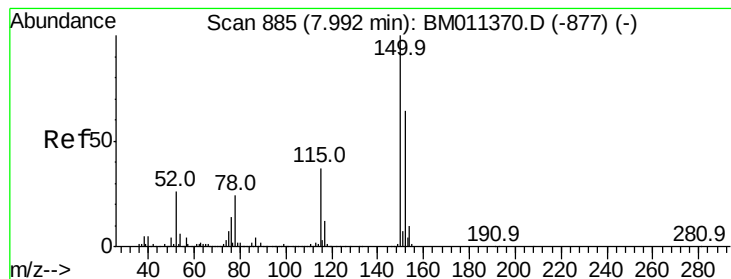
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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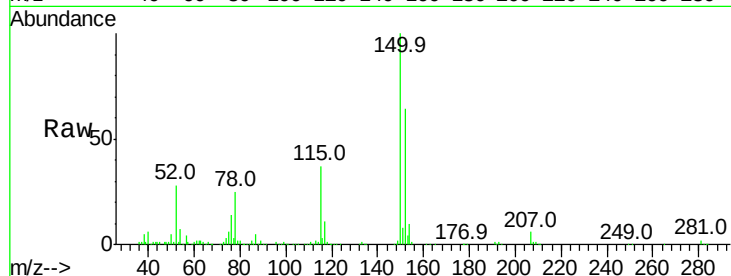


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Instrument :
BNA_M
ClientSampleId :
SU-04-090617

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	119.5	179.3
115	57.6	43.0	64.4

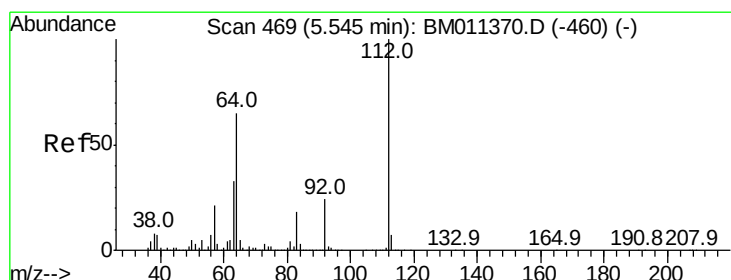
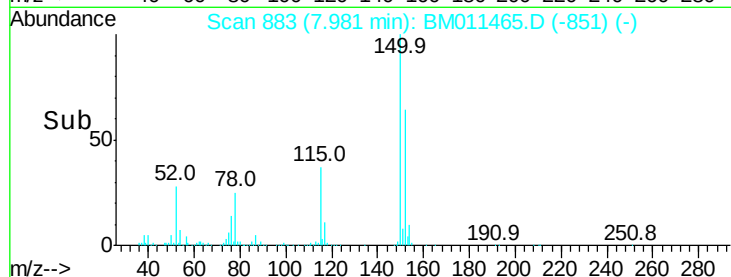
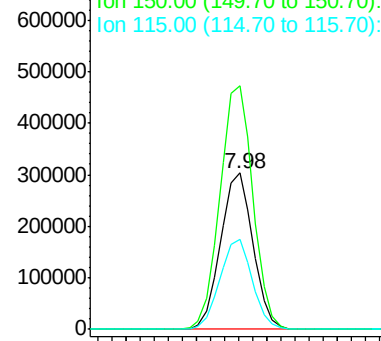


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

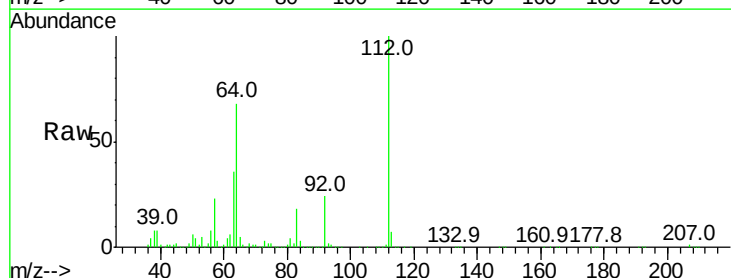
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.491 ng
RT: 5.54 min Scan# 468
Delta R.T. -0.01 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	38.6	57.8#
63	36.0	19.3	28.9#

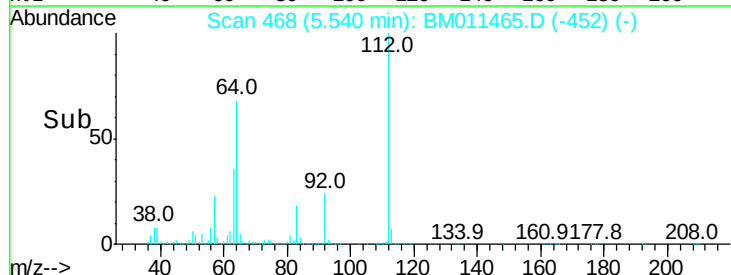
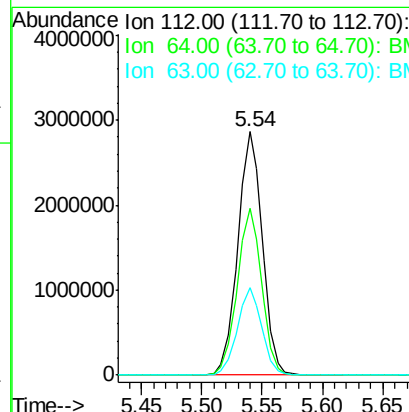


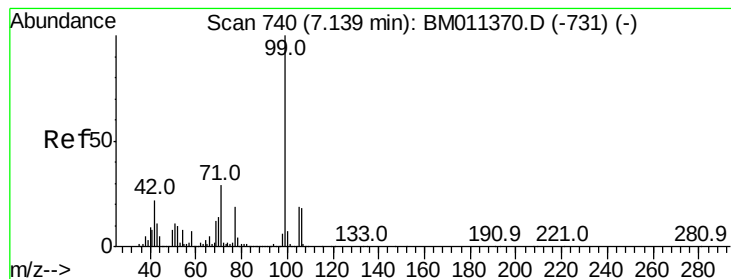
Abundance

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: 111.781 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

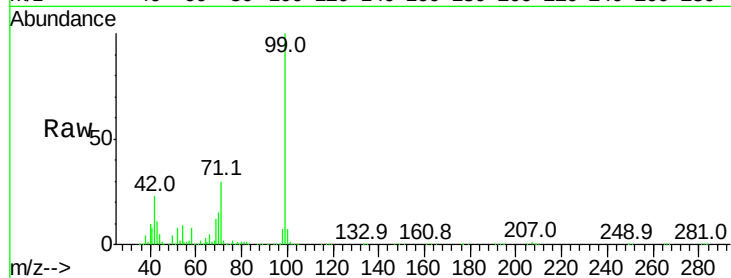
BNA_M

ClientSampleId :

SU-04-090617

Tot Ion: 99 Resp: 4511066

Ion	Ratio	Lower	Upper
99	100		
42	23.4	11.0	16.4#
71	29.8	23.4	35.2

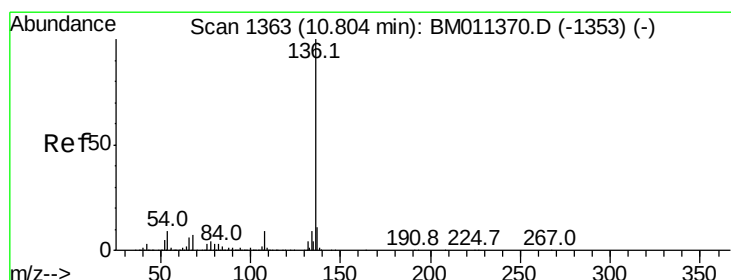
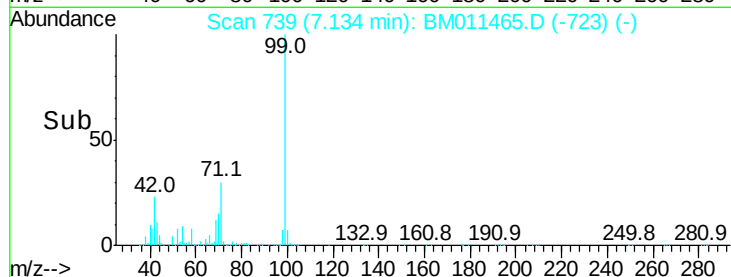
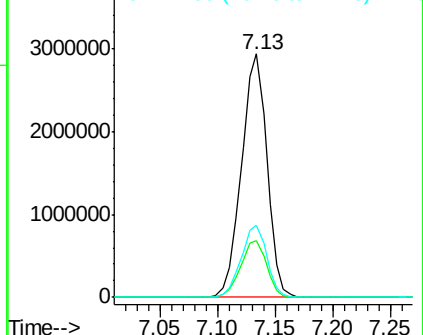


Abundance

Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1360

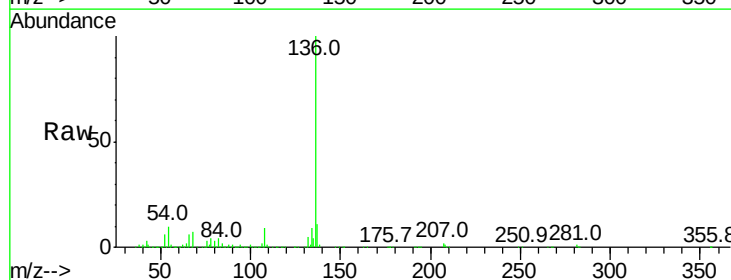
Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Tgt Ion: 136 Resp: 2024826

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	4.6	6.8#
68	7.1	3.7	5.5#



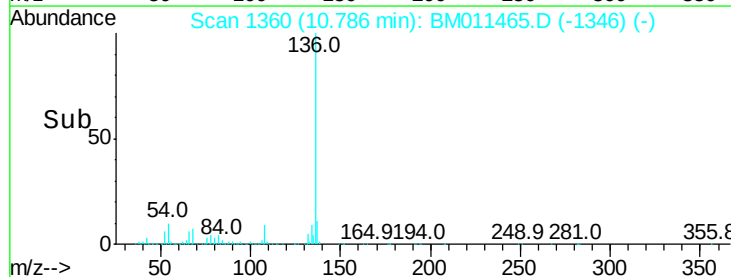
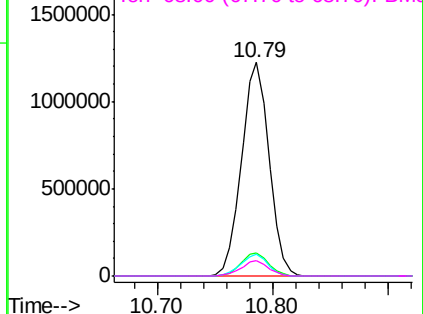
Abundance

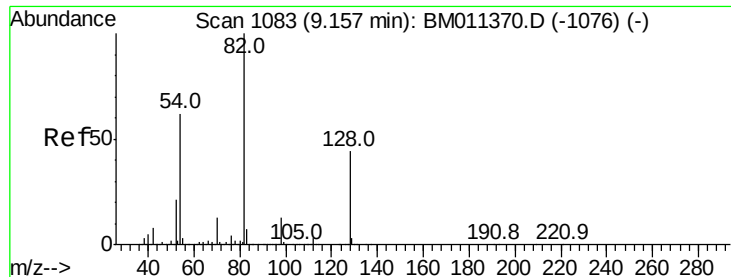
Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

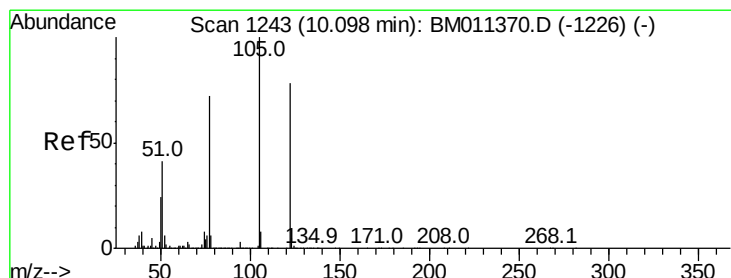
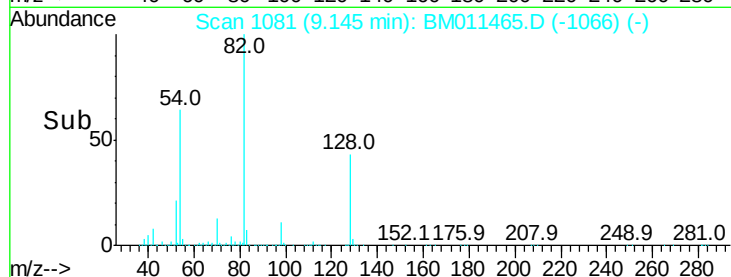
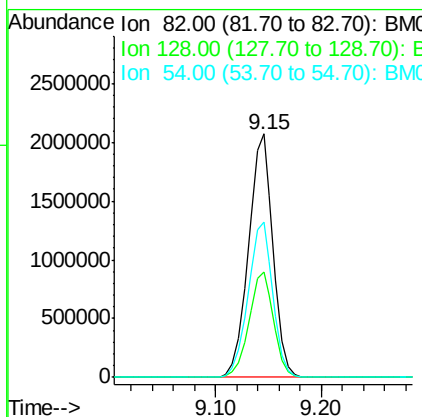
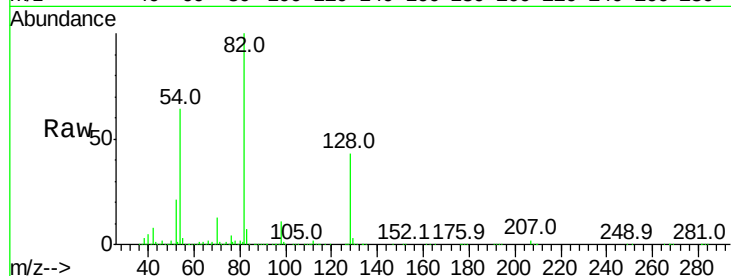




#23
 Nitrobenzene-d5
 Concen: 108.289 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011465.D
 Acq: 07 Sep 2017 21:30

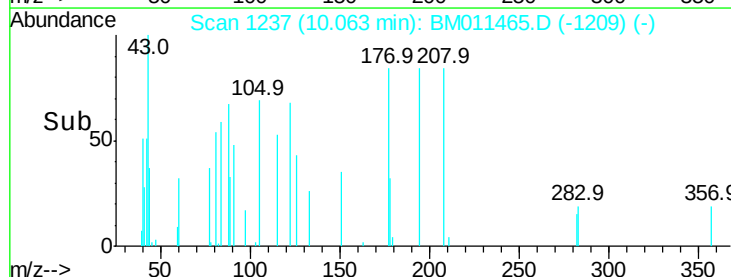
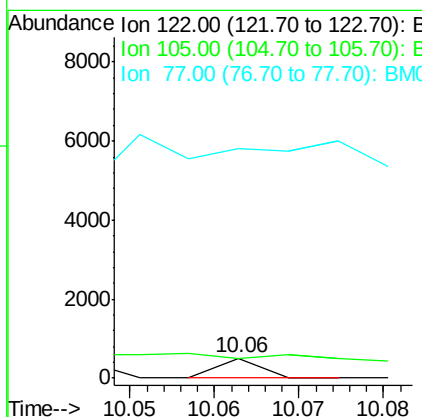
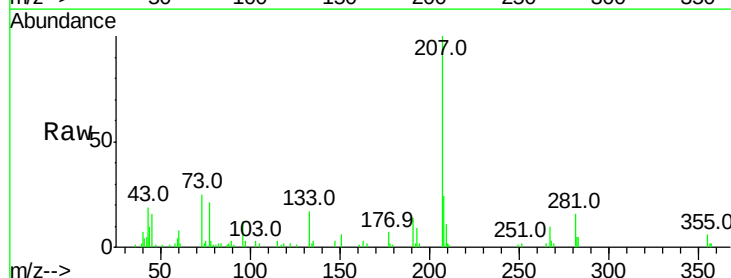
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-090617

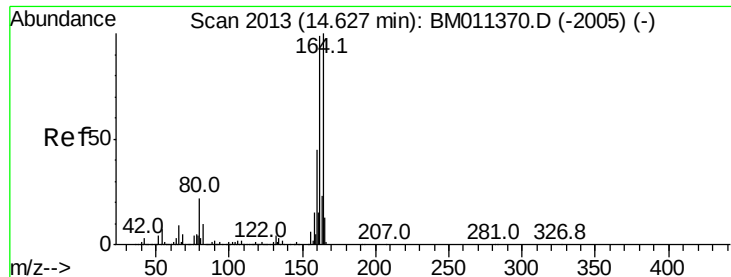
Tot Ion: 82 Resp: 3327344
 Ion Ratio Lower Upper
 82 100
 128 43.4 32.8 49.2
 54 63.8 40.6 60.8#



#32
 Benzoic acid
 Concen: 6.547 ng
 RT: 10.06 min Scan# 1237
 Delta R.T. -0.04 min
 Lab File: BM011465.D
 Acq: 07 Sep 2017 21:30

Tgt Ion: 122 Resp: 175
 Ion Ratio Lower Upper
 122 100
 105 101.2 99.9 139.9
 77 1171.4 73.7 113.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

BNA_M

ClientSampleId :

SU-04-090617

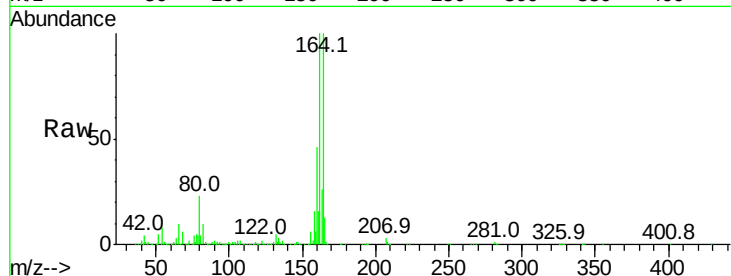
Tot Ion:164 Resp: 1002503

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	46.0	35.8	53.6

164 100

162 100.4 82.4 123.6

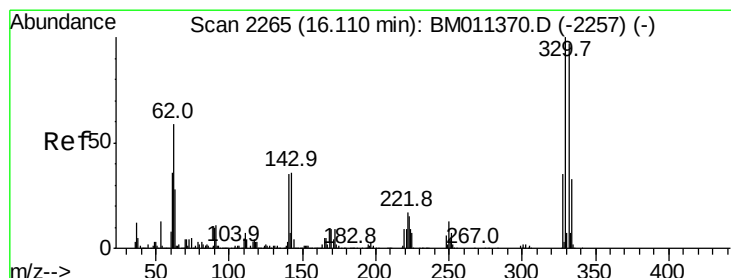
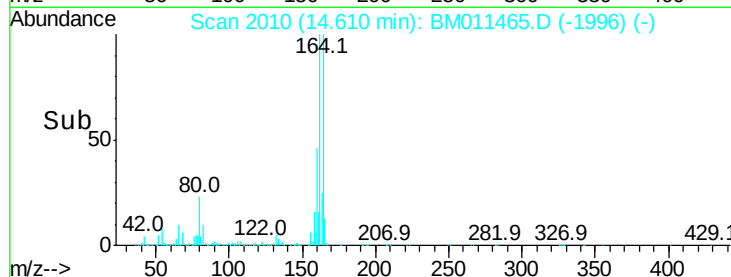
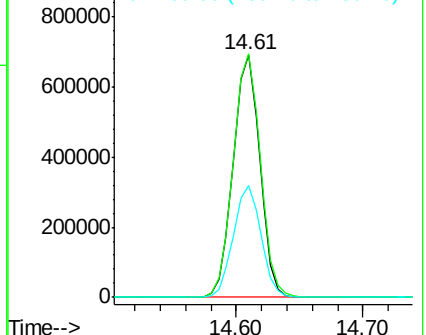
160 46.0 35.8 53.6



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: 135.597 ng

RT: 16.09 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

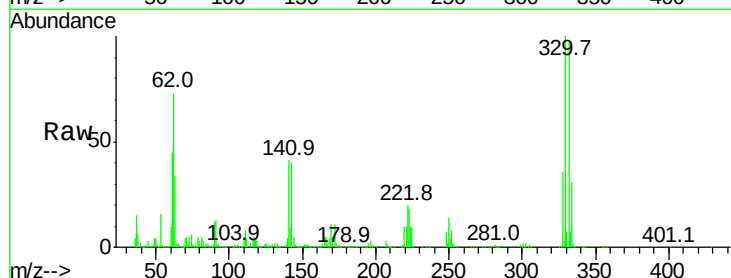
Tgt Ion:330 Resp: 1572721

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	41.2	0.0	0.0#

330 100

332 96.8 0.0 0.0#

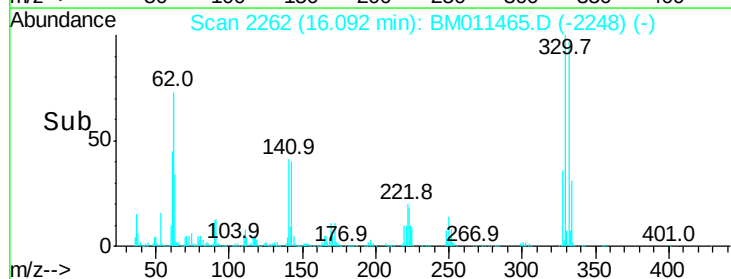
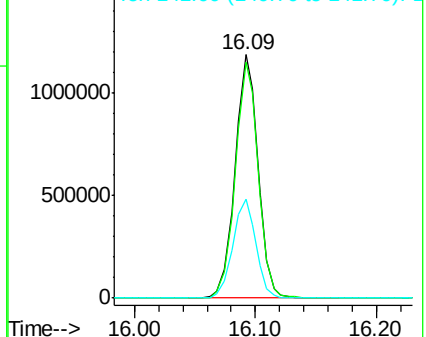
141 41.2 0.0 0.0#

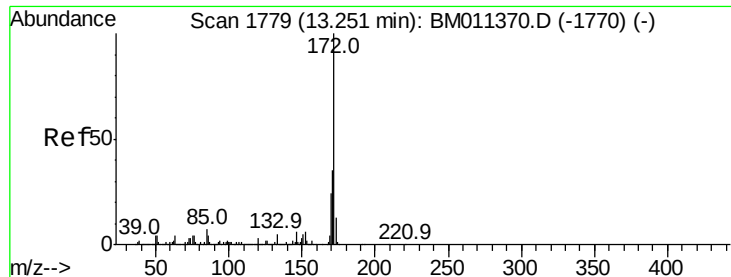


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



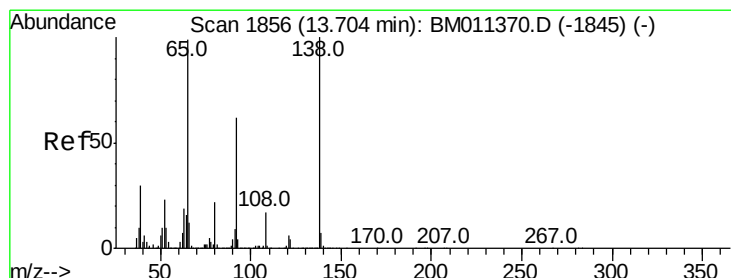
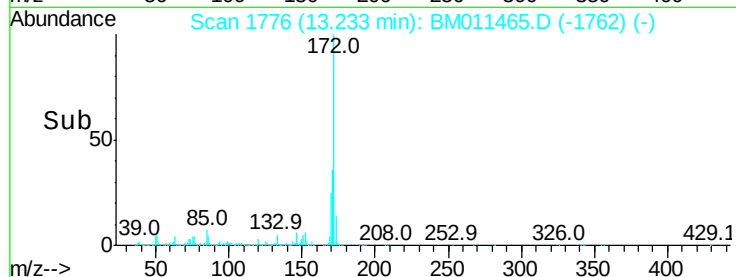
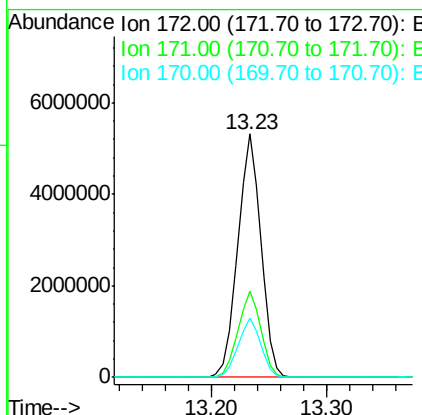
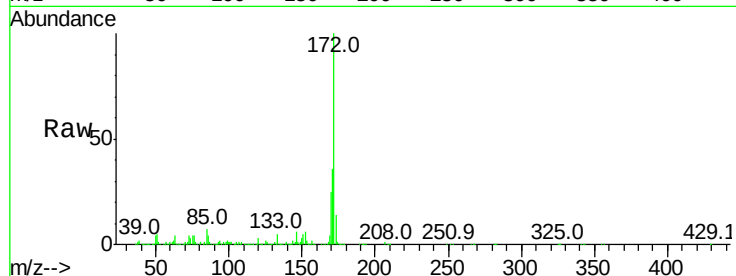


#44
2-Fluorobiphenyl
Concen: 105.840 ng
RT: 13.23 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Instrument :
BNA_M
ClientSampleId :
SU-04-090617

Tot Ion:172 Resp: 7360822

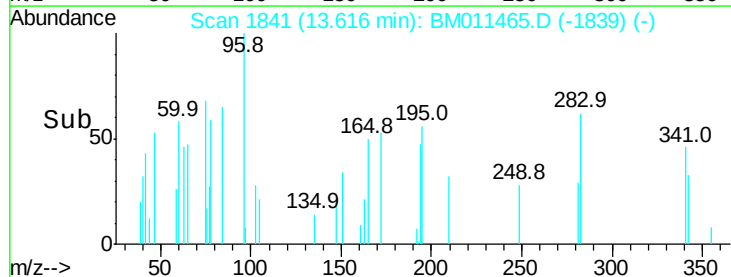
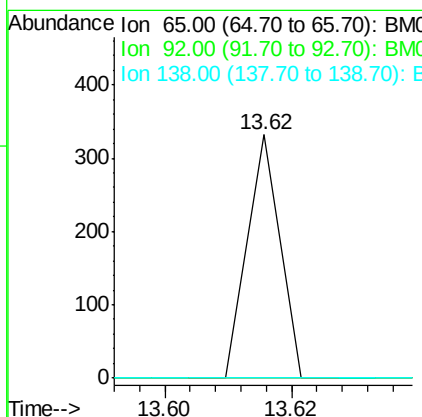
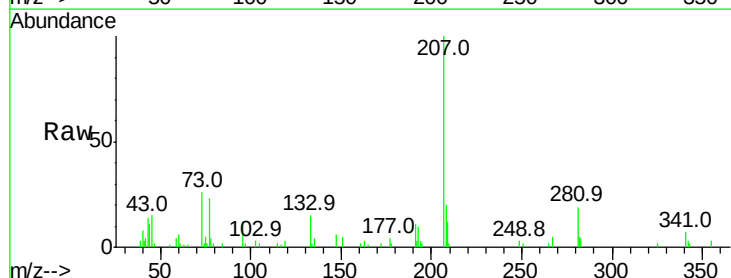
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.5	18.8	28.2

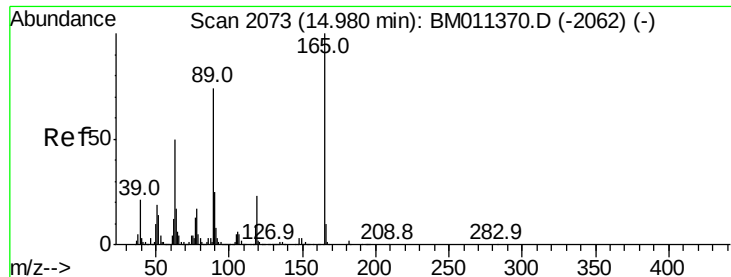


#47
2-Nitroaniline
Concen: 5.442 ng
RT: 13.62 min Scan# 1841
Delta R.T. -0.09 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Tgt Ion: 65 Resp: 117

Ion	Ratio	Lower	Upper
65	100		
92	0.0	59.1	88.7#
138	0.0	93.9	140.9#

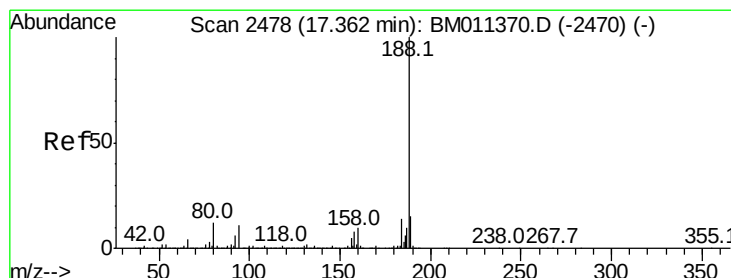
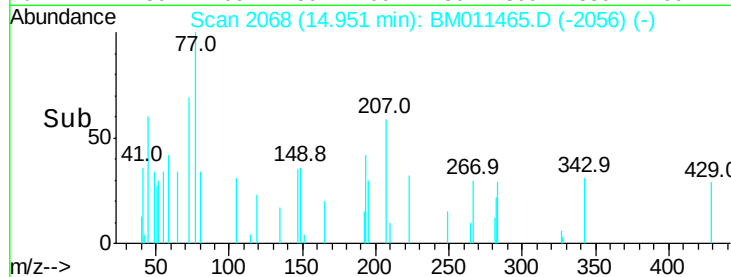
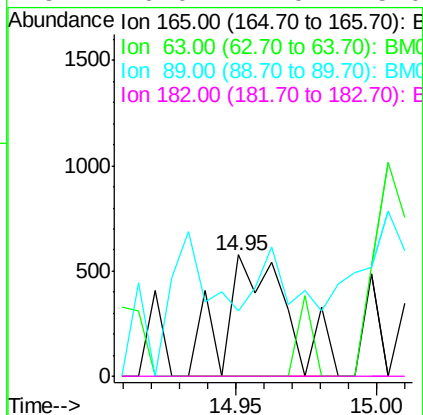
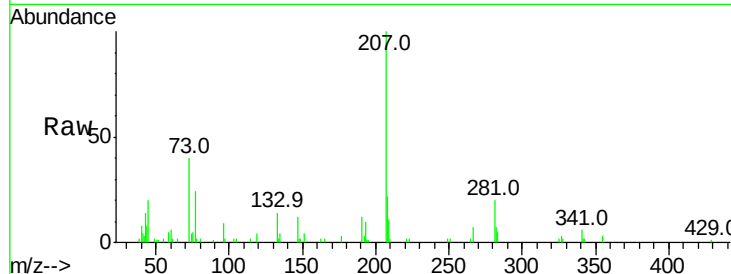




#56
2,4-Dinitrotoluene
Concen: 5.177 ng
RT: 14.95 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

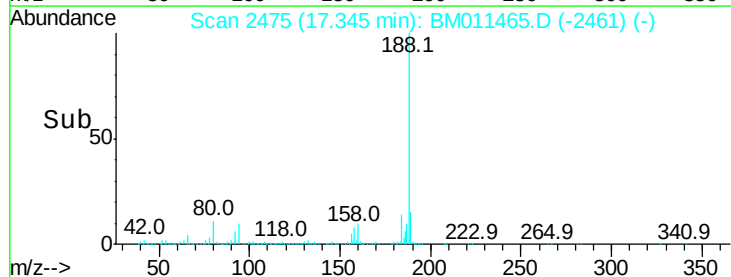
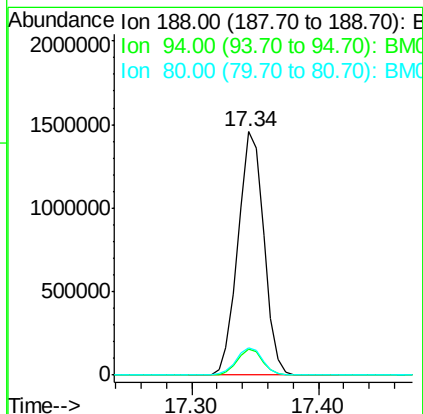
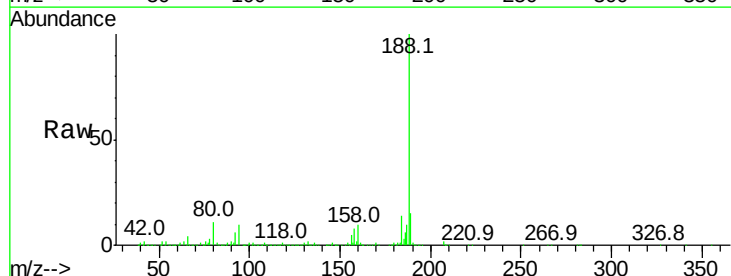
Instrument :
BNA_M
ClientSampleId :
SU-04-090617

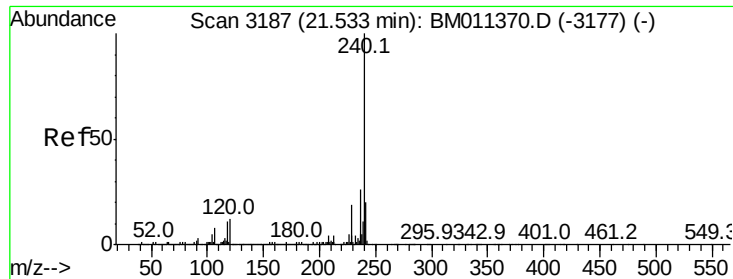
Tot Ion:165 Resp: 903
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 54.2 72.4 108.6#
182 0.0 2.0 3.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2475
Delta R.T. -0.02 min
Lab File: BM011465.D
Acq: 07 Sep 2017 21:30

Tgt Ion:188 Resp: 2056511
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.4 9.3 13.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

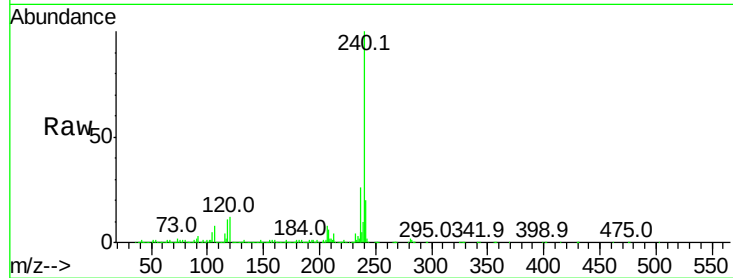
BNA_M

ClientSampleId :

SU-04-090617

Tot Ion:240 Resp: 2219558

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.2	12.2
236	25.5	20.0	30.0

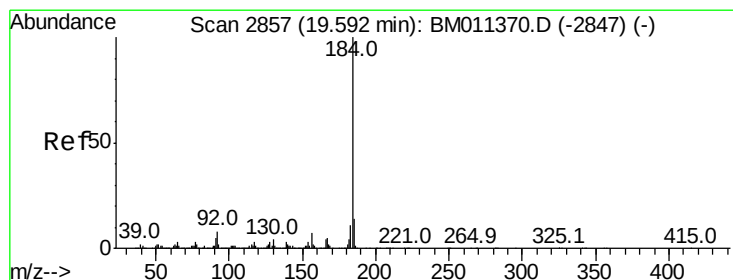
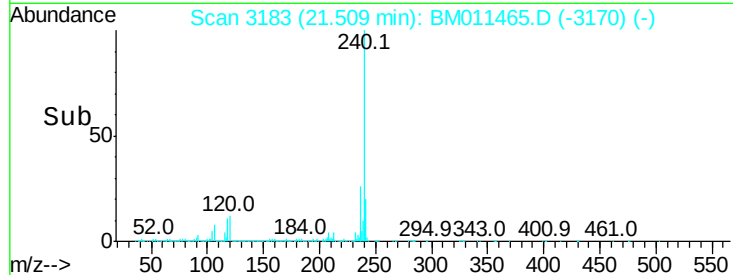
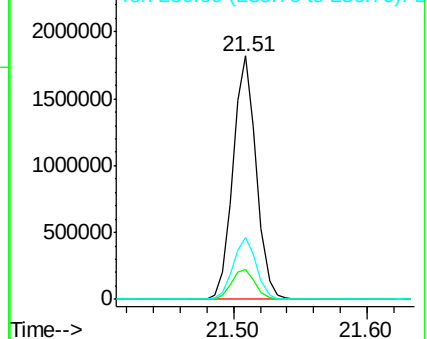


Abundance

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



#76

Benzidine

Concen: 38.612 ng

RT: 19.57 min Scan# 2854

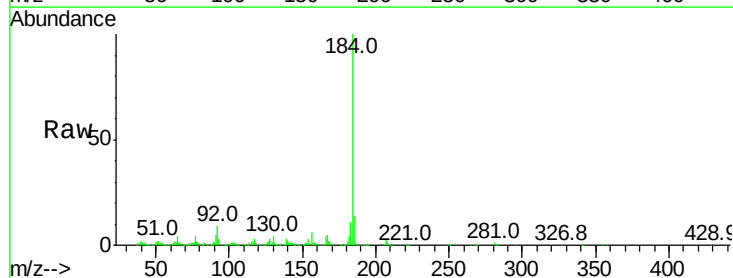
Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Tgt Ion:184 Resp: 1691434

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	10.8	8.9	13.3

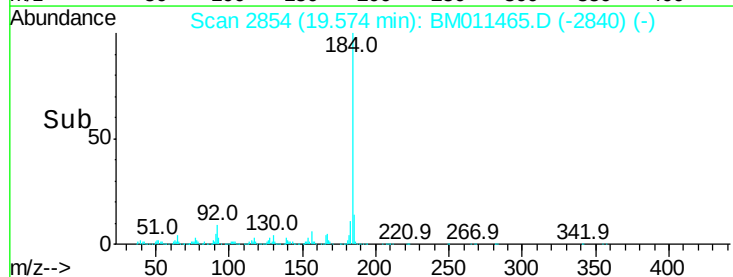
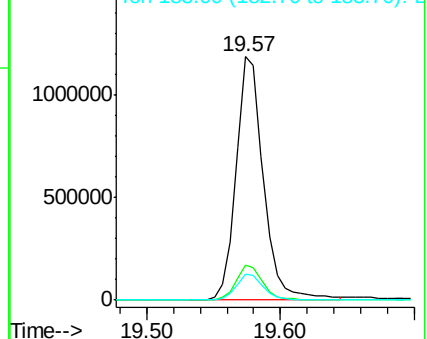


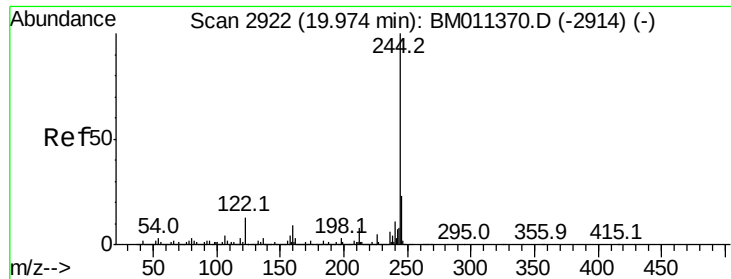
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 100.824 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

Instrument :

BNA_M

ClientSampleId :

SU-04-090617

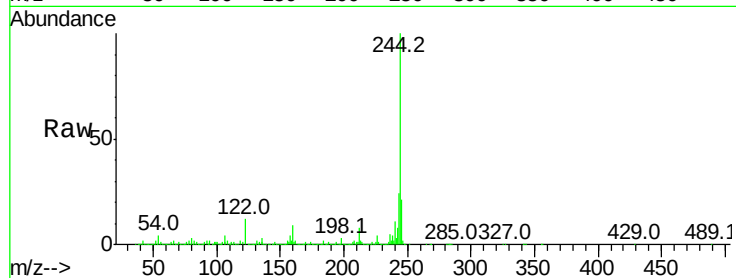
Tot Ion:244 Resp: 9019182

Ion Ratio Lower Upper

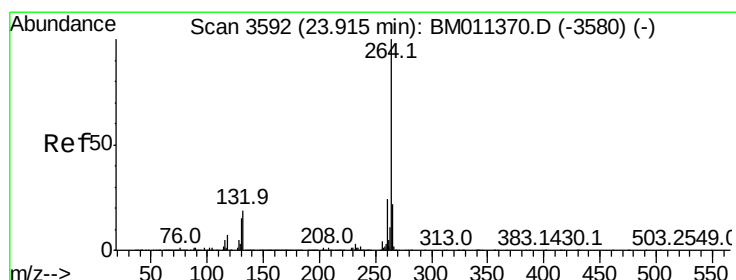
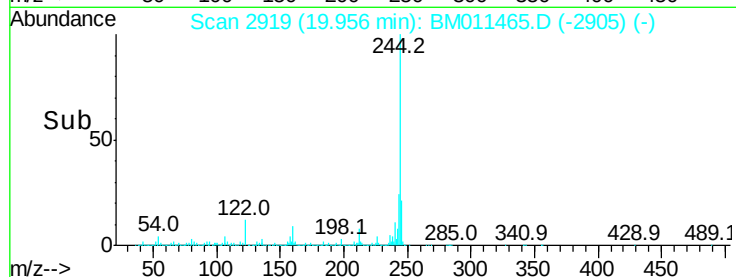
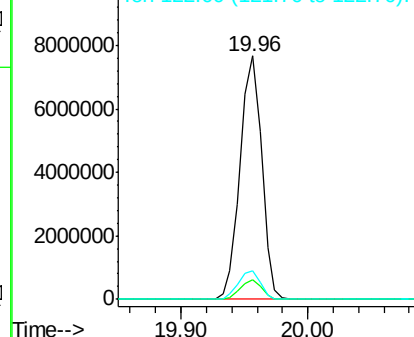
244 100

212 7.9 4.9 7.3#

122 11.6 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: 20.000 ng

RT: 23.89 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BM011465.D

Acq: 07 Sep 2017 21:30

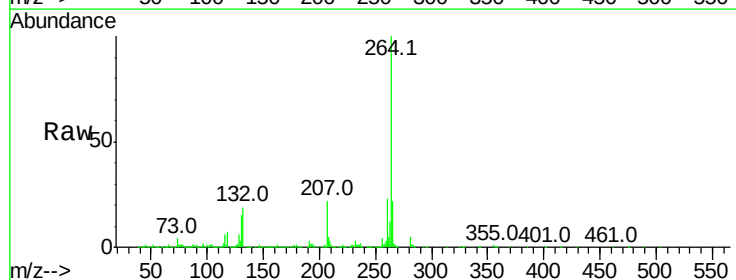
Tgt Ion:264 Resp: 1894615

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 21.7 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

