

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016608.D
 Acq On : 27 Aug 2018 16:03
 Operator : SJ/JU
 Sample : J4646-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 27 16:59:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	119320	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	390012	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	293291	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	951609	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1253512	20.00	ng	0.00
86) Perylene-d12	23.82	264	1426144	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	296888	48.76	ng	0.00
7) Phenol-d6	7.18	99	405928	50.38	ng	0.00
23) Nitrobenzene-d5	9.20	82	445457	52.15	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	515041	62.82	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1360252	44.58	ng	0.00
78) Terphenyl-d14	19.98	244	3193810	53.93	ng	0.00

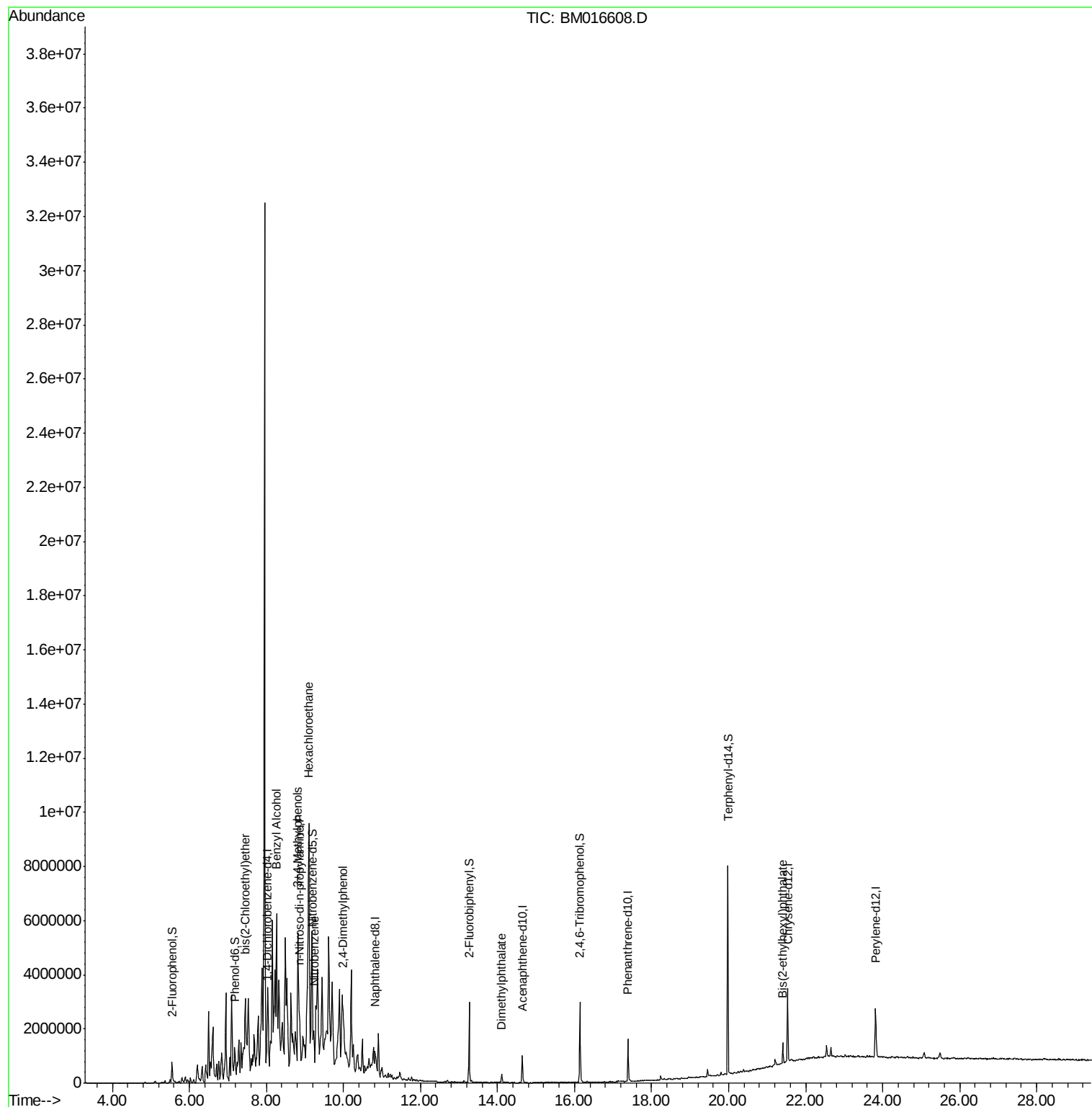
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) bis(2-Chloroethyl)ether	7.46	93	19846	3.321	ng	# 1
15) Benzyl Alcohol	8.26	79	106289	14.205	ng	# 35
18) Hexachloroethane	9.10	117	503849	110.940	ng	# 1
19) n-Nitroso-di-n-propylamine	8.86	70	285905	45.258	ng	# 77
20) 3+4-Methylphenols	8.82	107	17123	2.146	ng	# 1
24) Nitrobenzene	9.24	77	29734	3.484	ng	# 56
27) 2,4-Dimethylphenol	10.00	122	28519	5.998	ng	# 58
49) Dimethylphthalate	14.11	163	214208	7.602	ng	# 96
83) Bis(2-ethylhexyl)phthalate	21.40	149	306626	8.772	ng	# 96

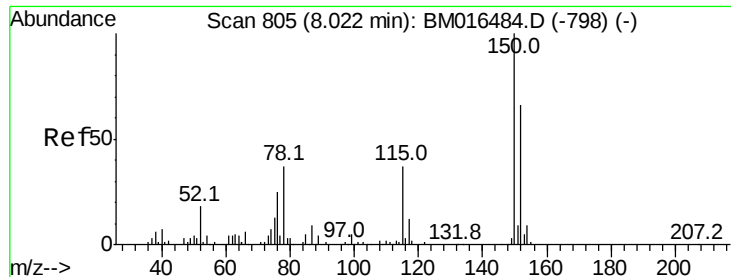
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016608.D
Acq On : 27 Aug 2018 16:03
Operator : SJ/JU
Sample : J4646-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 27 16:59:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration



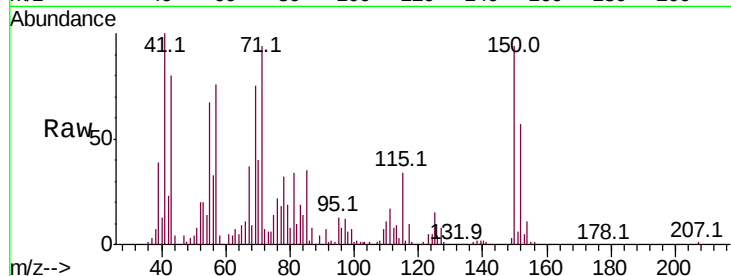


#1

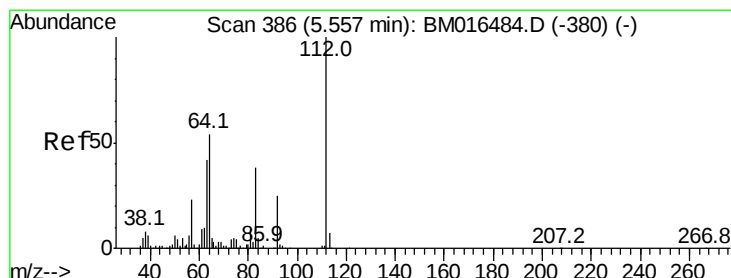
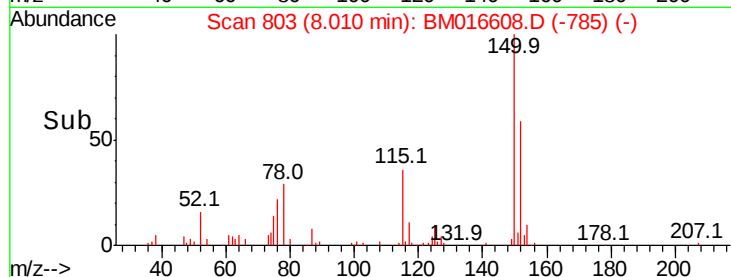
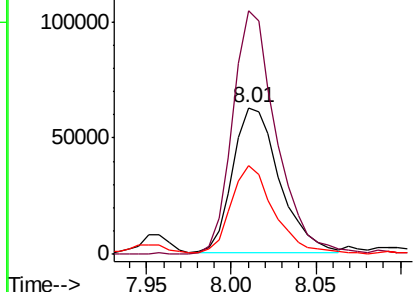
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.3	119.5	179.3
115	60.3	43.0	64.4



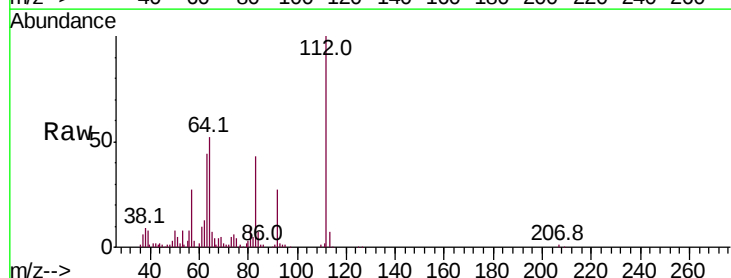
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



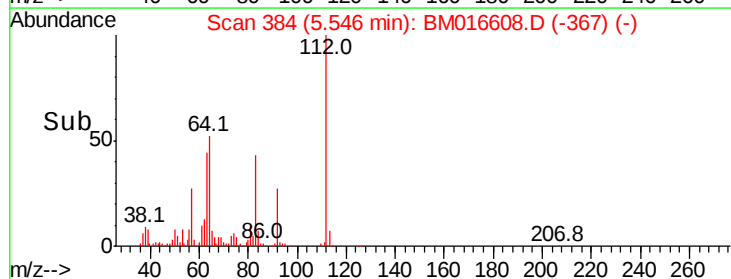
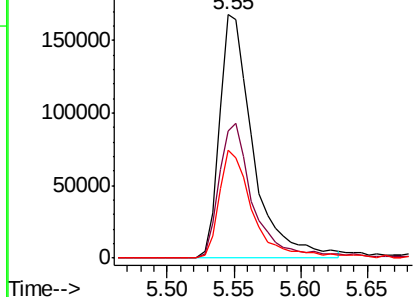
#5

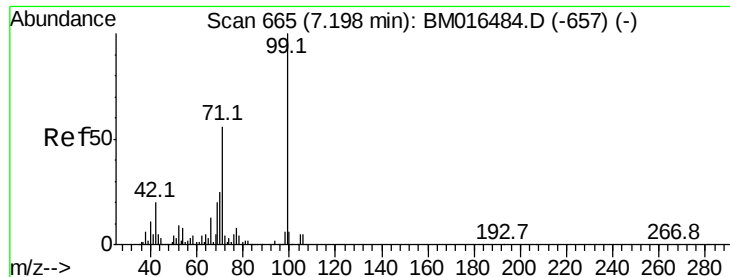
2-Fluorophenol
Concen: 48.758 ng
RT: 5.55 min Scan# 384
Delta R.T. -0.00 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	38.6	57.8
63	44.3	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: 50.379 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.00 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_M

ClientSampleId :

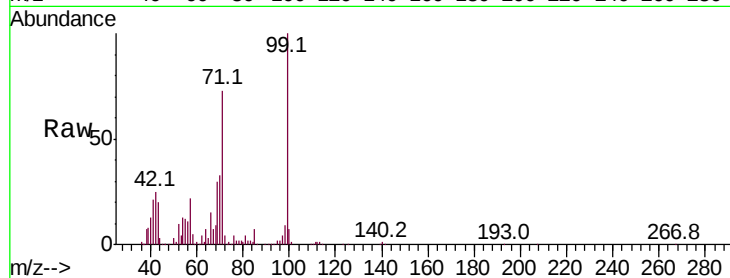
Tot Ion: 99 Resp: 405928

Ion Ratio Lower Upper

99 100

42 25.4 11.0 16.4#

71 73.0 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016608.D (-645) (-)

Ion 42.00 (41.70 to 42.70): BM016608.D (-645) (-)

Ion 71.00 (70.70 to 71.70): BM016608.D (-645) (-)

7.18

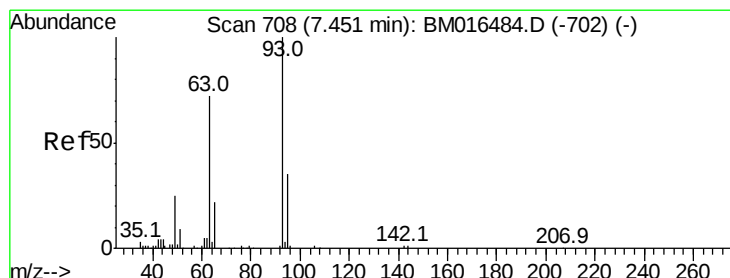
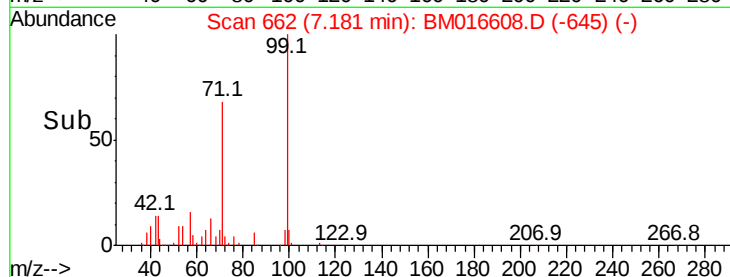
200000

100000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 3.321 ng

RT: 7.46 min Scan# 709

Delta R.T. 0.02 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

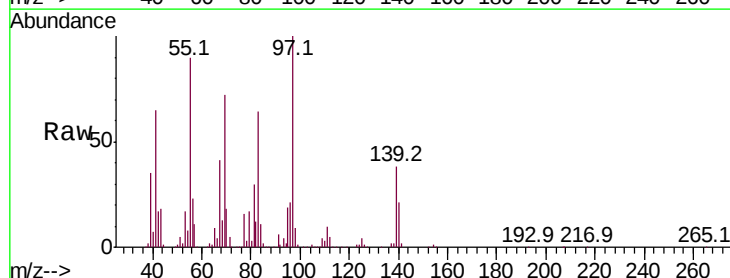
Tgt Ion: 93 Resp: 19846

Ion Ratio Lower Upper

93 100

63 50.4 49.5 89.5

95 528.4 13.5 53.5#



Abundance Ion 93.00 (92.70 to 93.70): BM016608.D (-688) (-)

Ion 63.00 (62.70 to 63.70): BM016608.D (-688) (-)

Ion 95.00 (94.70 to 95.70): BM016608.D (-688) (-)

7.46

80000

60000

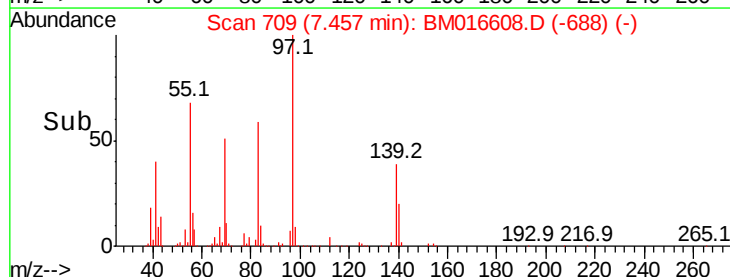
40000

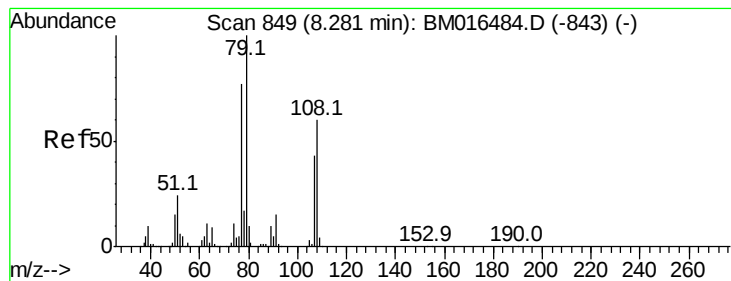
20000

0

7.40 7.45 7.50

Time-->





#15

Benzyl Alcohol

Concen: 14.205 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_M

ClientSampled :

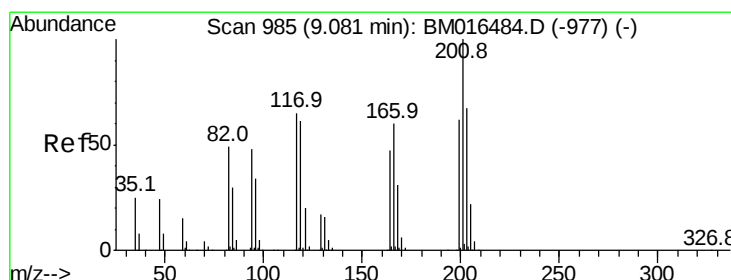
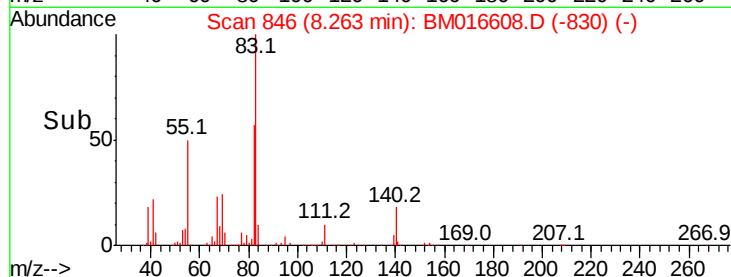
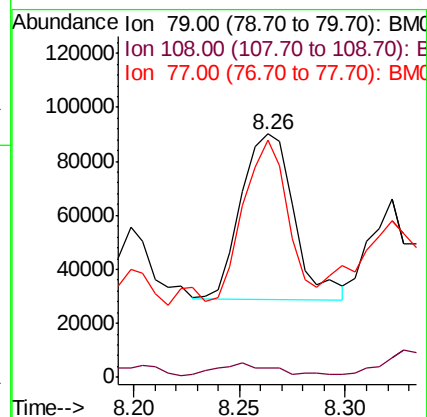
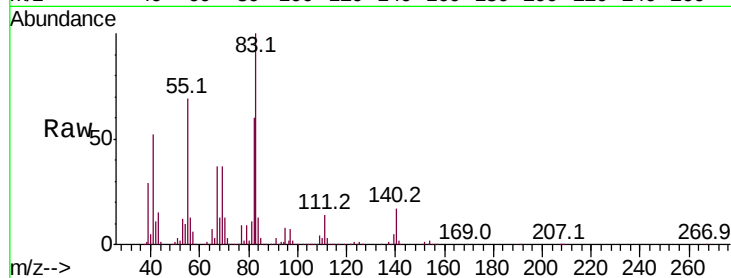
Tot Ion: 79 Resp: 106289

Ion Ratio Lower Upper

79 100

108 4.0 65.0 97.4#

77 97.7 53.0 79.6#



#18

Hexachloroethane

Concen: 110.940 ng

RT: 9.10 min Scan# 989

Delta R.T. 0.04 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

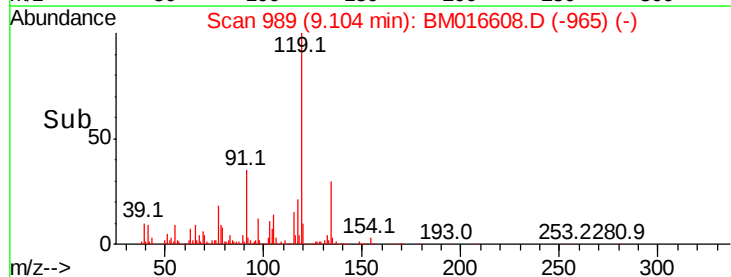
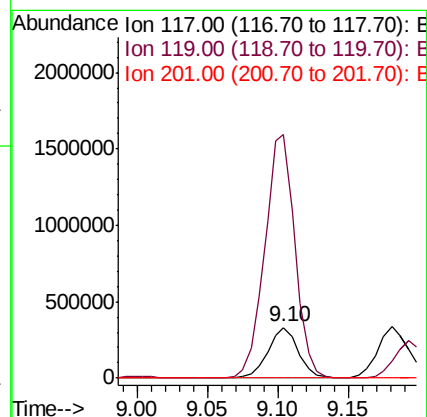
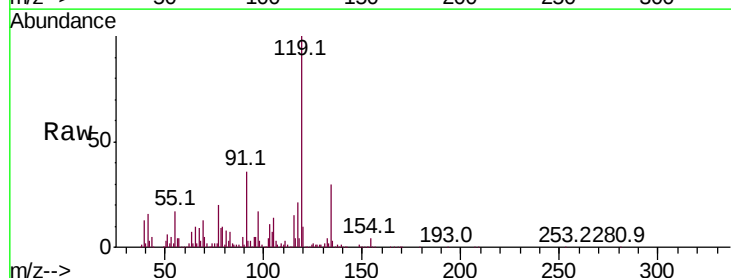
Tgt Ion: 117 Resp: 503849

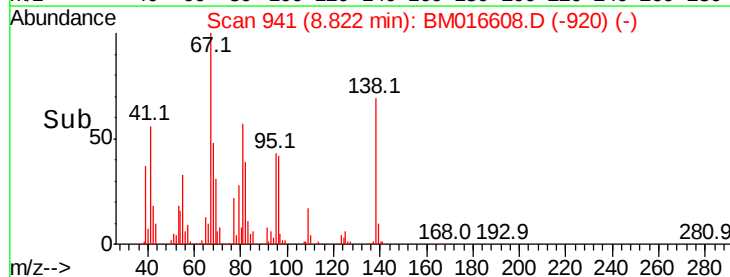
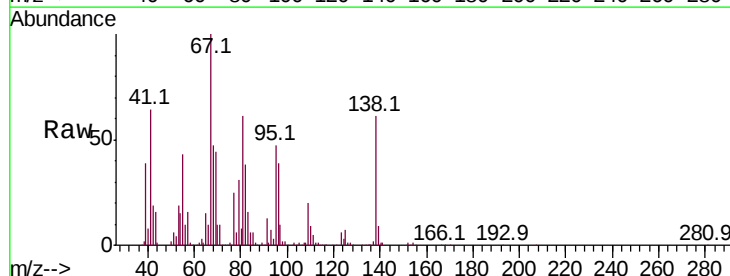
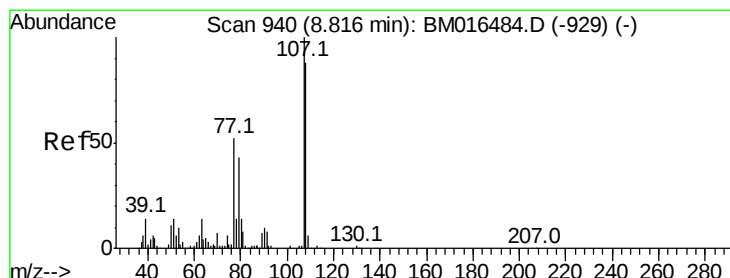
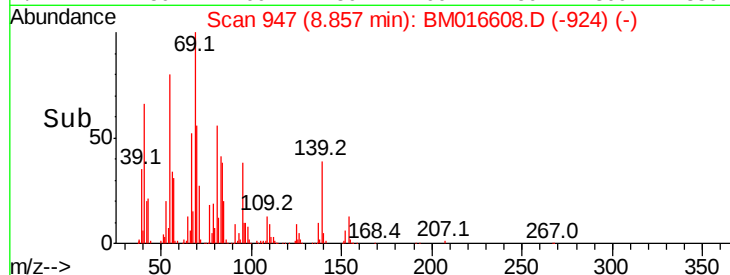
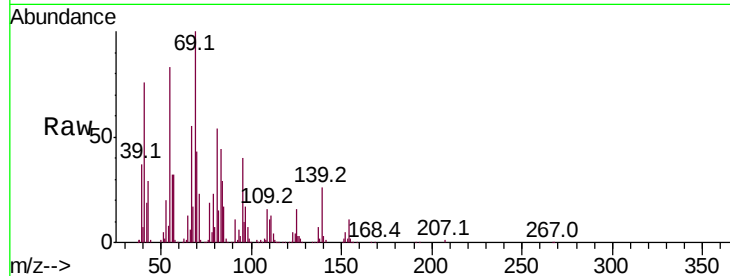
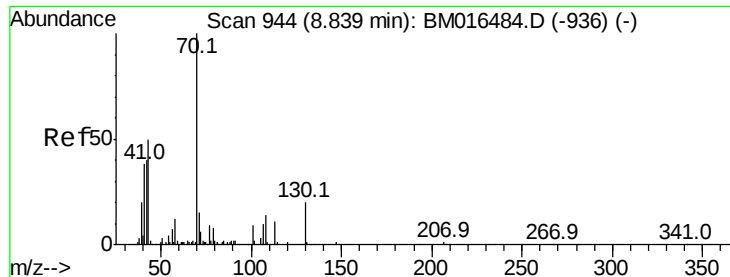
Ion Ratio Lower Upper

117 100

119 480.9 79.2 118.8#

201 0.0 69.8 104.6#

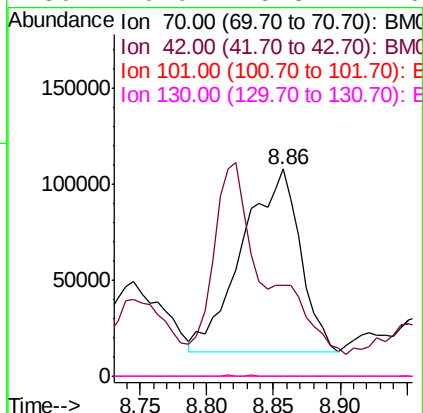




#19
n-Nitroso-di-n-propylamine
Concen: 45.258 ng
RT: 8.86 min Scan# 947
Delta R.T. 0.04 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

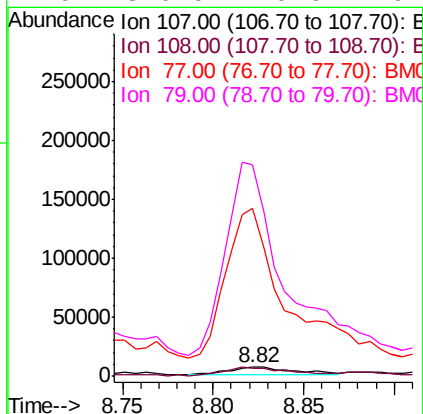
Instrument :
BNA_M
ClientSampleId :

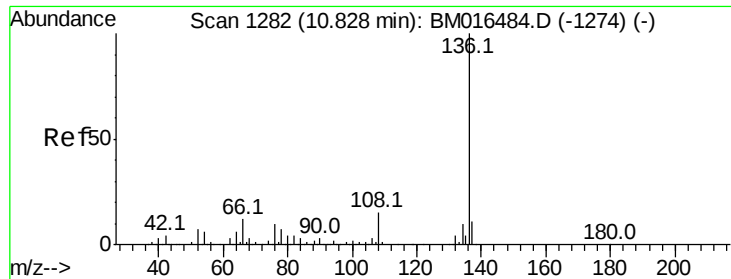
Tot Ion:	70	Resp:	285905
Ion	Ratio	Lower	Upper
70	100		
42	43.8	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#



#20
3+4-Methylphenols
Concen: 2.146 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.02 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Tgt Ion:	107	Resp:	17123
Ion	Ratio	Lower	Upper
107	100		
108	91.2	73.2	113.2
77	1883.9	10.7	50.7#
79	2370.9	9.6	49.6#

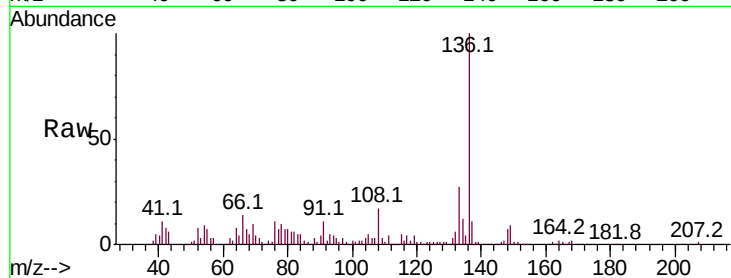




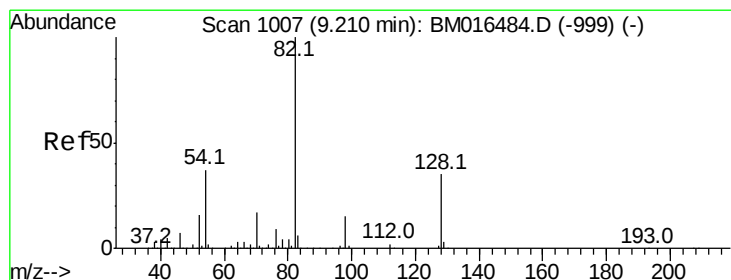
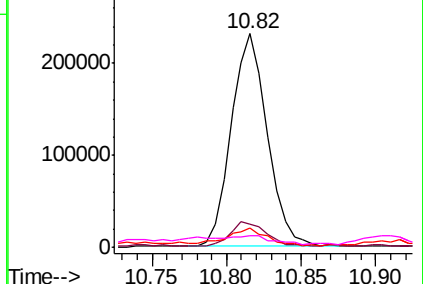
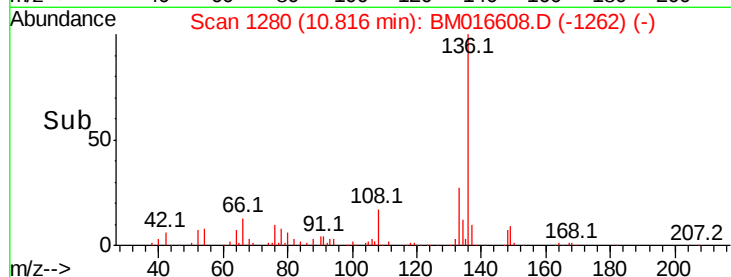
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	390012
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.9	4.6	6.8#
68	5.2	3.7	5.5

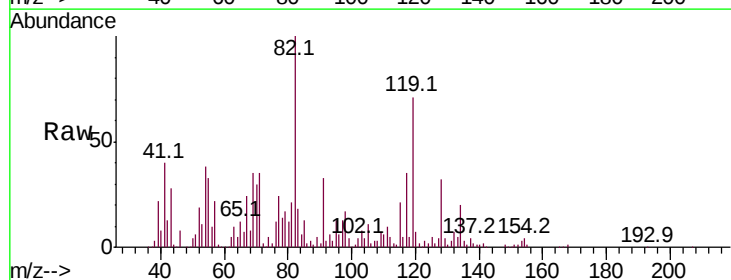


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

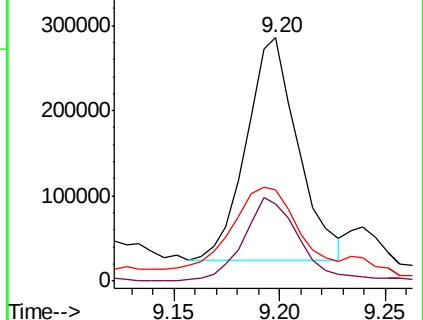
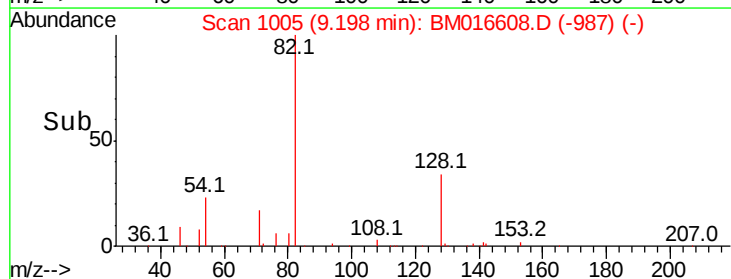


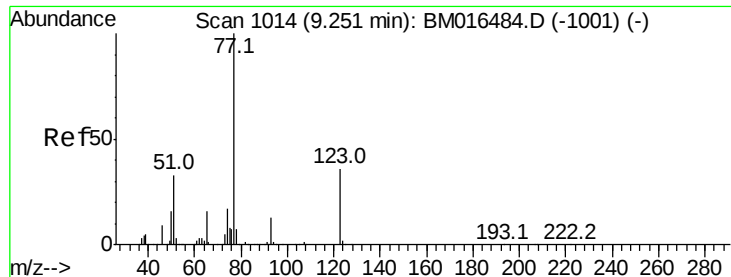
#23
Nitrobenzene-d5
Concen: 52.150 ng
RT: 9.20 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Tgt Ion:	82	Resp:	445457
Ion	Ratio	Lower	Upper
82	100		
128	31.8	32.8	49.2#
54	37.7	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

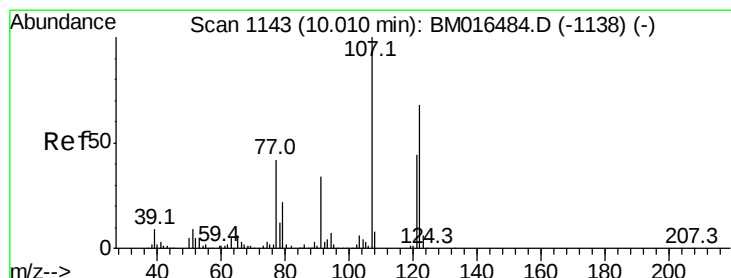
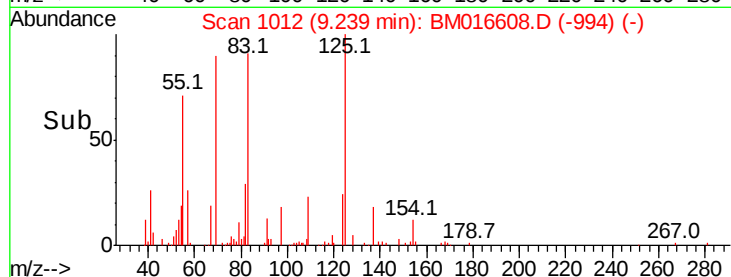
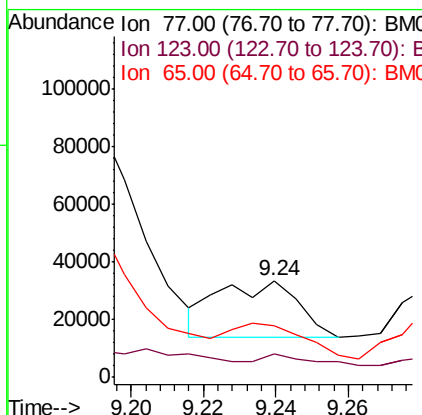
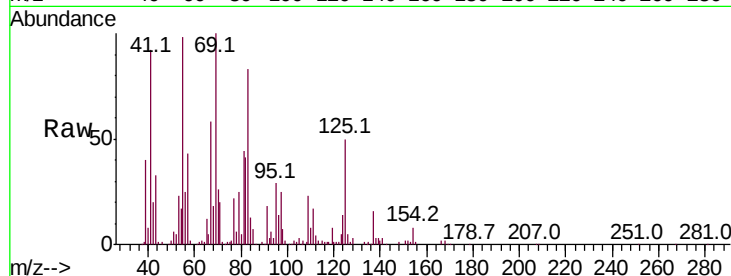




#24
 Nitrobenzene
 Concen: 3.484 ng
 RT: 9.24 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BM016608.D
 Acq: 27 Aug 2018 16:03

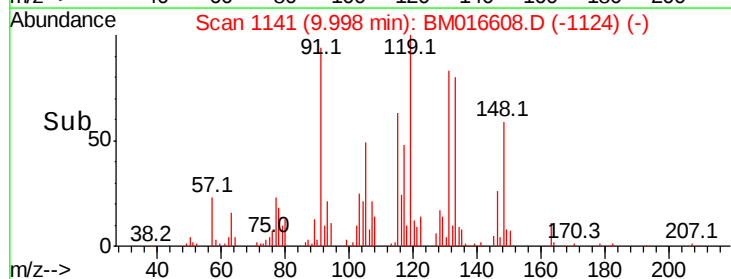
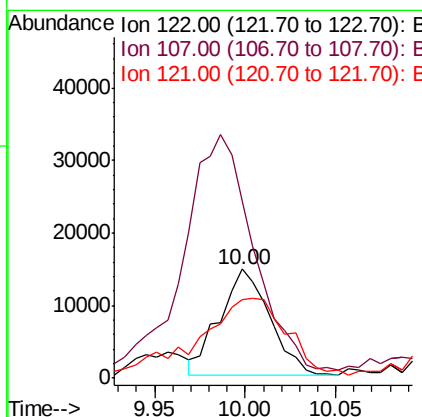
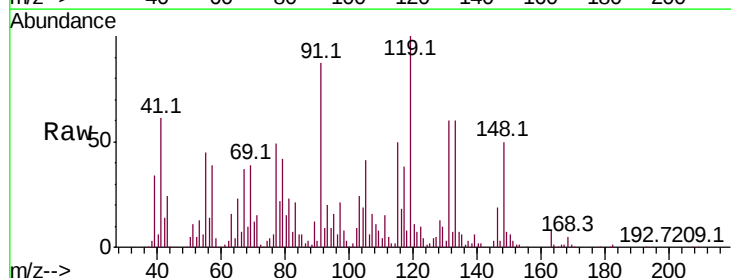
Instrument :
 BNA_M
 ClientSampleId :

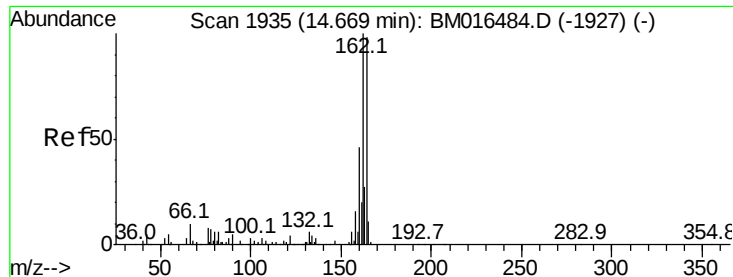
Tot Ion: 77 Resp: 29734
 Ion Ratio Lower Upper
 77 100
 123 24.7 32.6 49.0#
 65 53.9 10.9 16.3#



#27
 2,4-Dimethylphenol
 Concen: 5.998 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BM016608.D
 Acq: 27 Aug 2018 16:03

Tgt Ion: 122 Resp: 28519
 Ion Ratio Lower Upper
 122 100
 107 162.5 84.7 127.1#
 121 72.5 46.6 69.8#

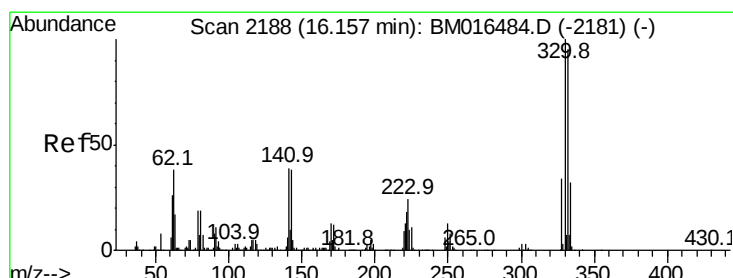
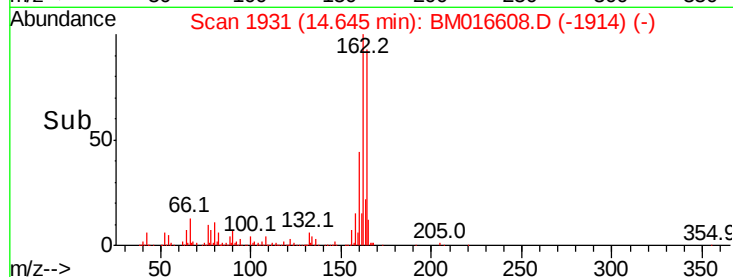
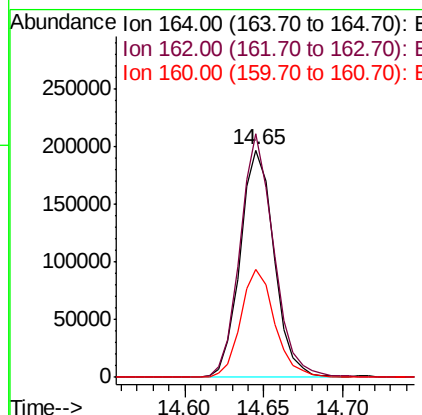
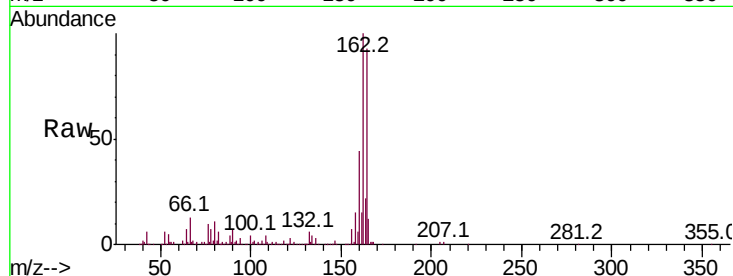




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: BM016608.D
 Acq: 27 Aug 2018 16:03

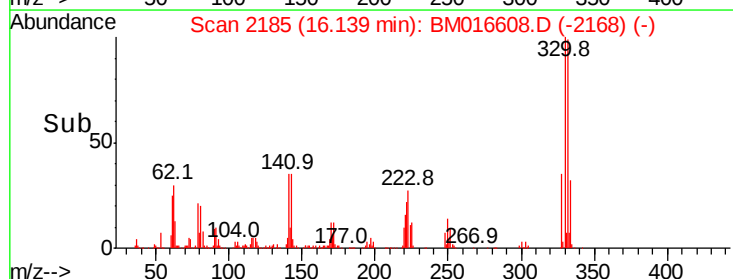
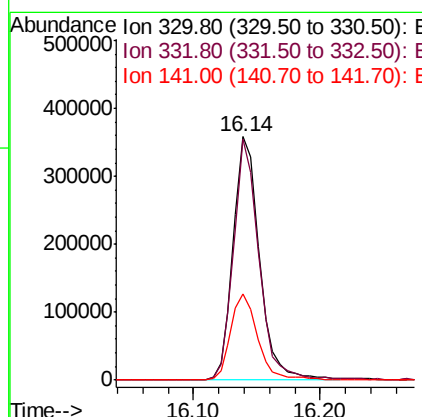
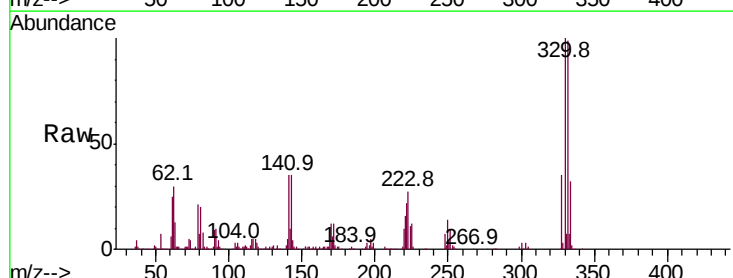
Instrument :
 BNA_M
 ClientSampleId :

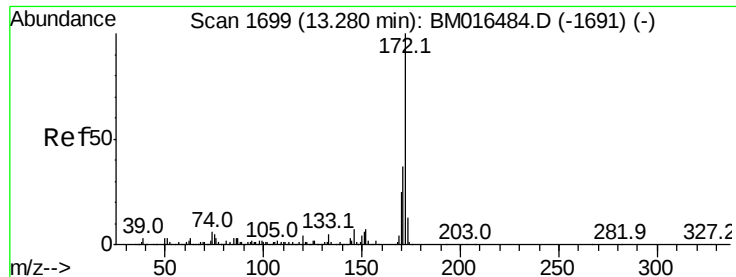
Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.4	123.6
160	47.3	35.8	53.6



#41
 2,4,6-Tribromophenol
 Concen: 62.820 ng
 RT: 16.14 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BM016608.D
 Acq: 27 Aug 2018 16:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	36.3	0.0	0.0#

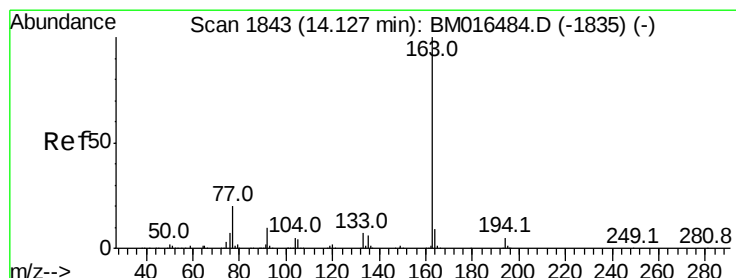
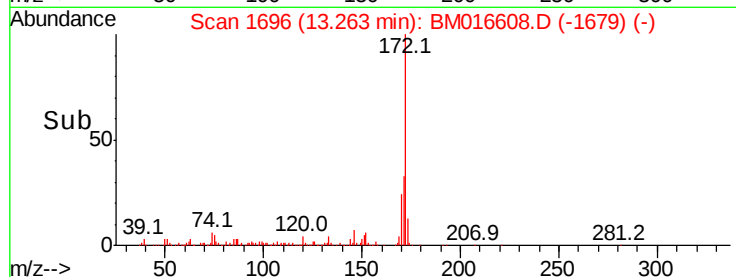
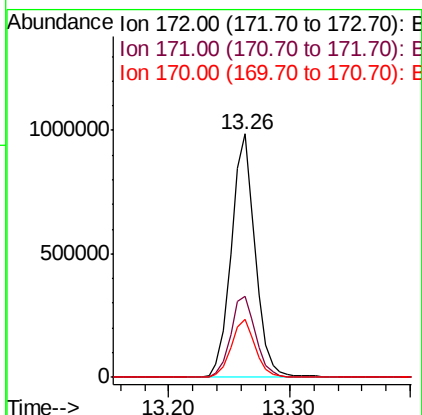
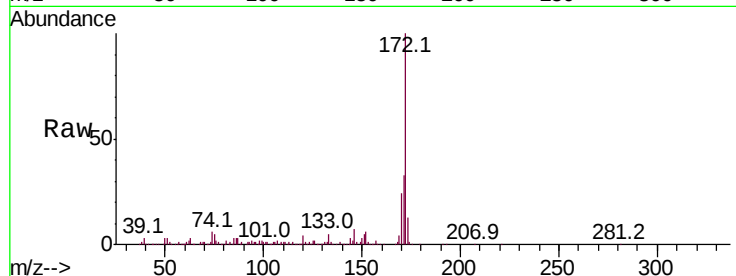




#44
2-Fluorobiphenyl
Concen: 44.581 ng
RT: 13.26 min Scan# 1696
Delta R.T. -0.00 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

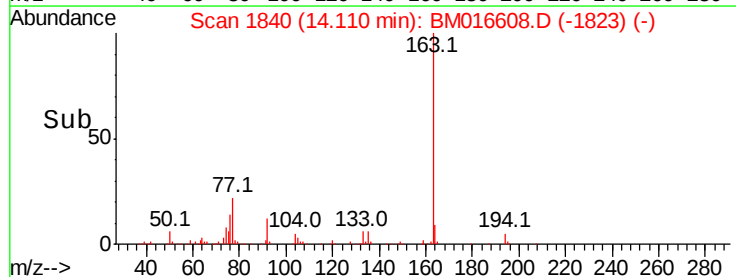
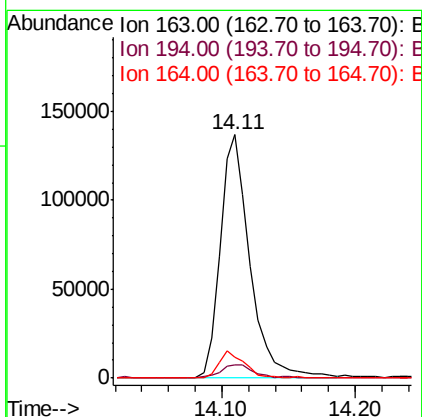
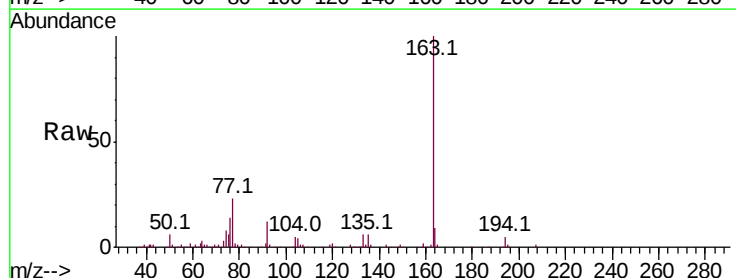
Instrument :
BNA_M
ClientSampleId :

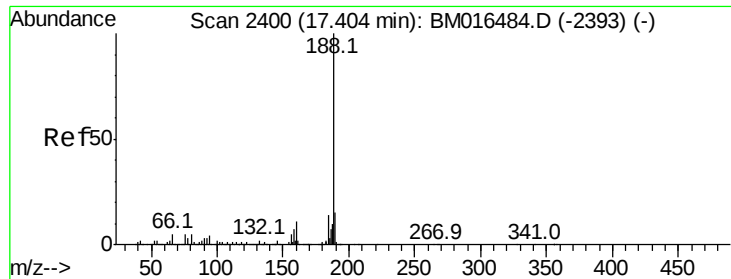
Tot Ion:172 Resp: 1360252
Ion Ratio Lower Upper
172 100
171 33.2 28.5 42.7
170 24.0 18.8 28.2



#49
Dimethylphthalate
Concen: 7.602 ng
RT: 14.11 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Tgt Ion:163 Resp: 214208
Ion Ratio Lower Upper
163 100
194 5.3 2.7 4.1#
164 8.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_M

ClientSampleId :

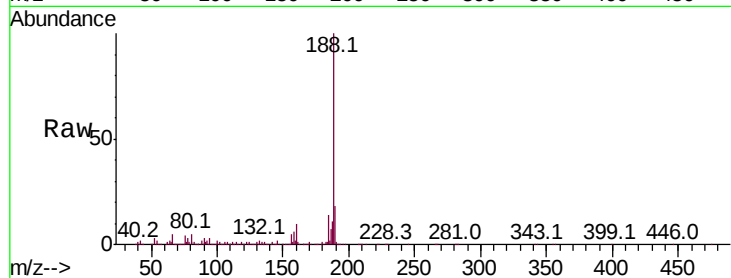
Tot Ion:188 Resp: 951609

Ion Ratio Lower Upper

188 100

94 3.0 8.7 13.1#

80 4.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

17.39

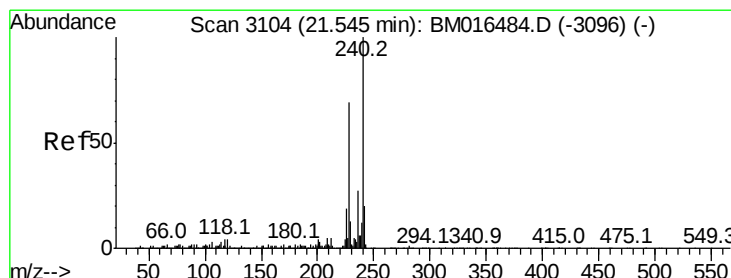
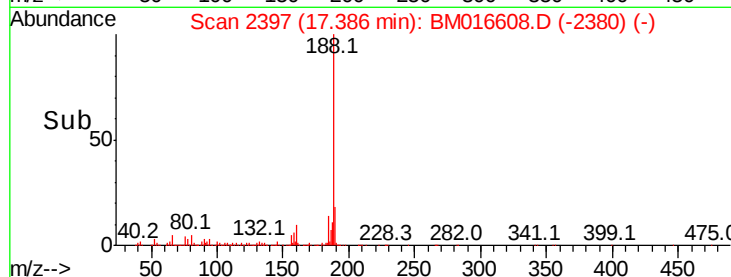
600000

400000

200000

0

Time--> 17.30 17.40



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

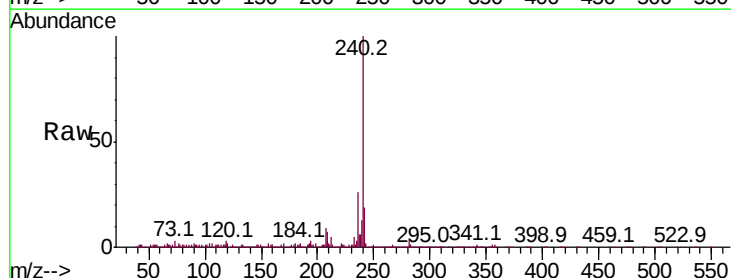
Tgt Ion:240 Resp: 1253512

Ion Ratio Lower Upper

240 100

120 2.4 8.2 12.2#

236 25.6 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

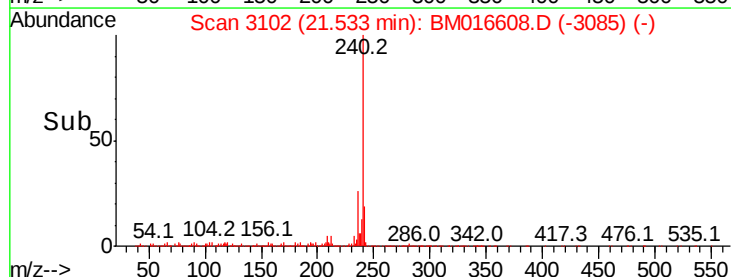
21.53

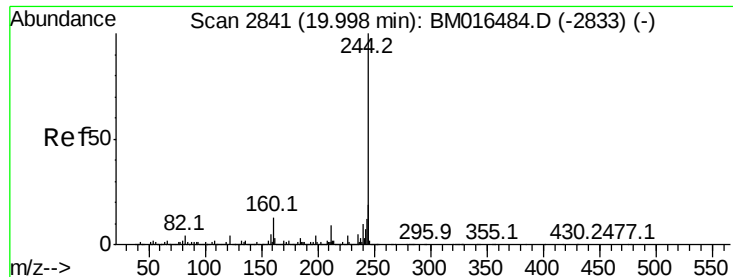
1000000

500000

0

Time--> 21.50 21.60





#78

Terphenyl-d14

Concen: 53.928 ng

RT: 19.98 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

Instrument :

BNA_M

ClientSampleId :

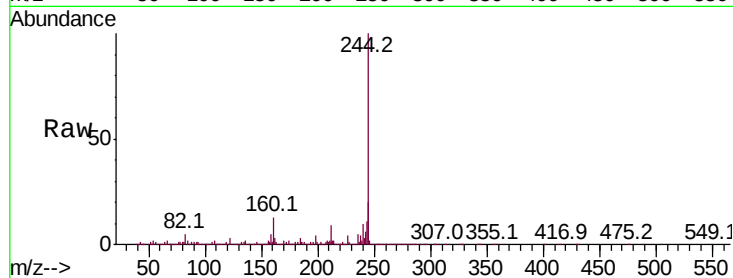
Tot Ion:244 Resp: 3193810

Ion	Ratio	Lower	Upper
244	100		
212	9.1	4.9	7.3#
122	3.5	6.2	9.4#

244 100

212 9.1 4.9 7.3#

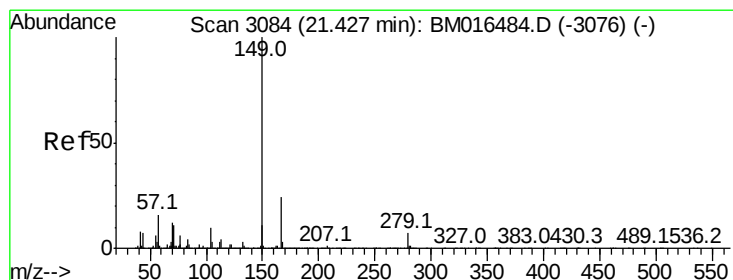
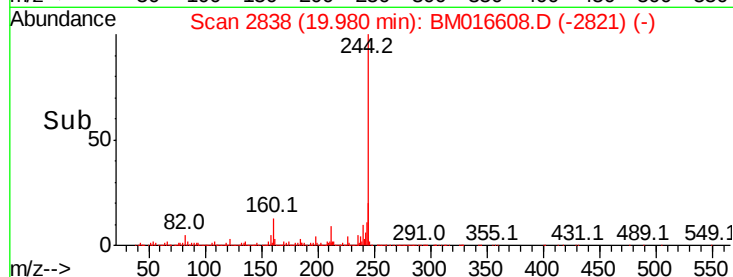
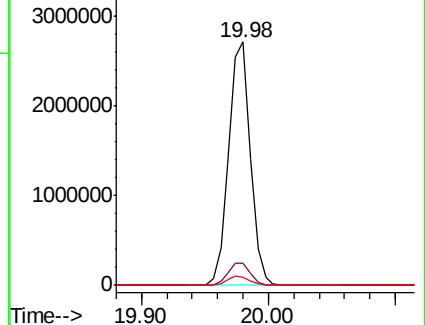
122 3.5 6.2 9.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.772 ng

RT: 21.40 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM016608.D

Acq: 27 Aug 2018 16:03

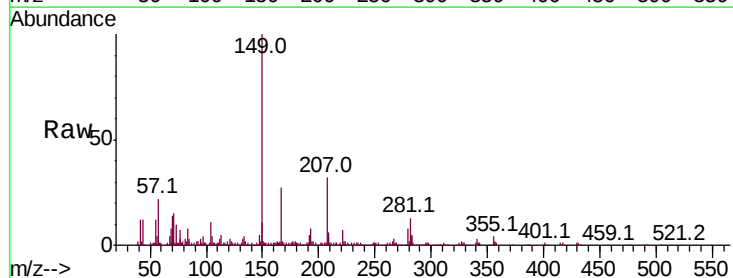
Tgt Ion:149 Resp: 306626

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	8.0	3.4	5.0#

149 100

167 26.8 22.4 33.6

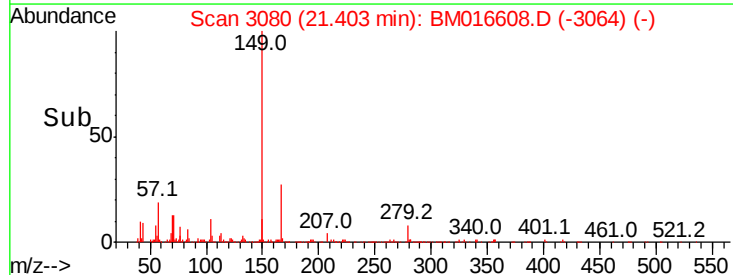
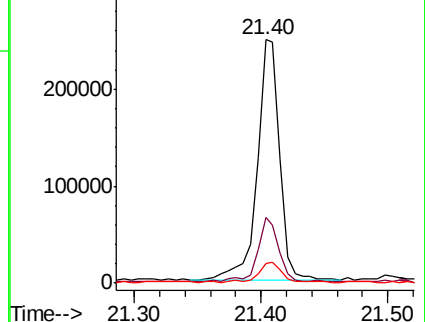
279 8.0 3.4 5.0#

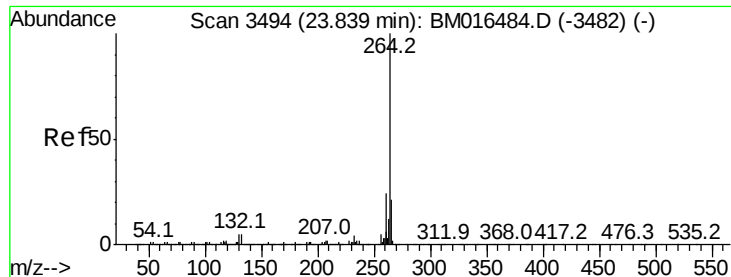


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



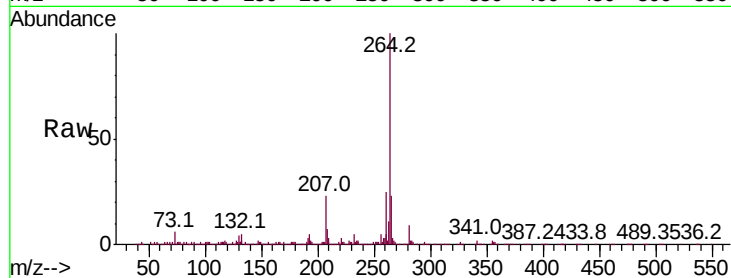


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.82 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM016608.D
Acq: 27 Aug 2018 16:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1426144

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	23.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
1000000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

