

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018424.D
 Acq On : 28 Dec 2018 08:26
 Operator : JU/SJ
 Sample : J6579-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 28 10:59:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	474166	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1908665	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1094247	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2502178	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2567576	20.00	ng	0.00
87) Perylene-d12	23.66	264	2334211	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	3643444	144.87	ng	0.02
7) Phenol-d6	6.96	99	4263857	122.10	ng	0.02
23) Nitrobenzene-d5	8.95	82	3532371	106.22	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	2304665	165.76	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	8734226	108.11	ng	0.00
79) Terphenyl-d14	19.81	244	12355445	102.54	ng	0.00

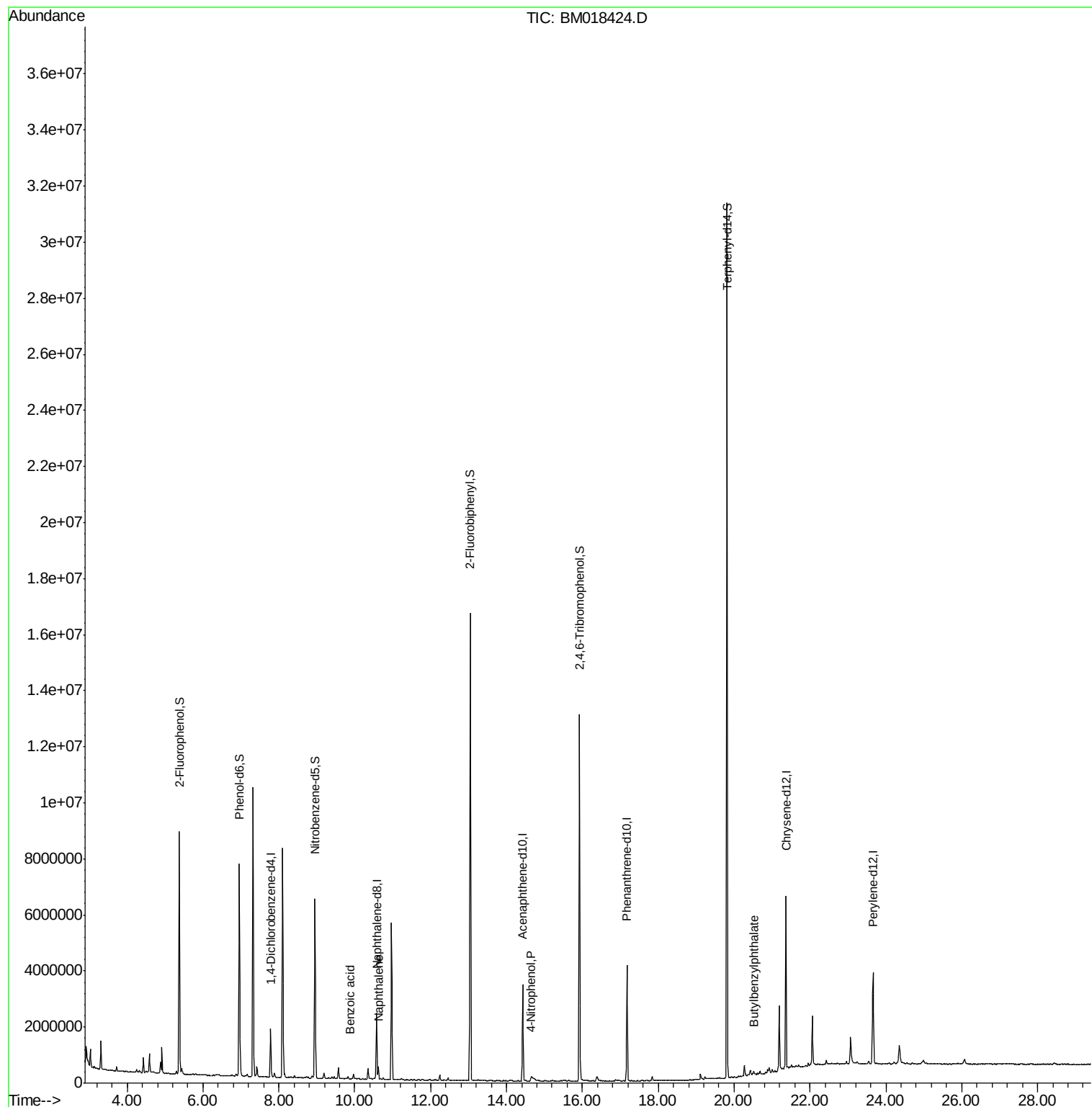
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	10.63	128	364158	3.958	ng	98
32) Benzoic acid	9.89	122	447	3.145	ng	# 1
56) 4-Nitrophenol	14.64	139	157	5.674	ng	# 52
80) Butylbenzylphthalate	20.51	149	571	6.641	ng	# 1

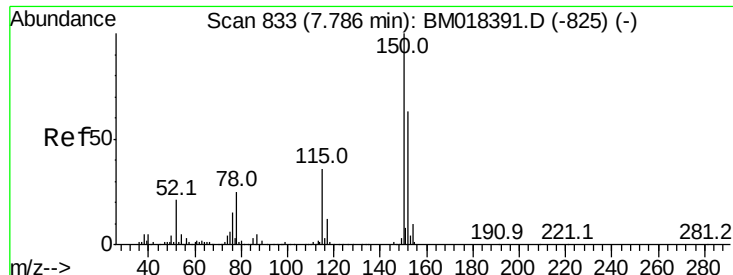
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018424.D
Acq On : 28 Dec 2018 08:26
Operator : JU/SJ
Sample : J6579-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 28 10:59:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



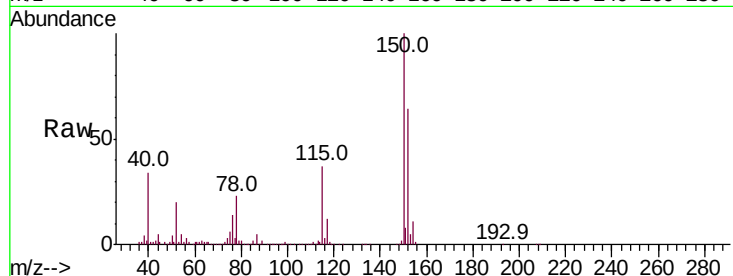


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.9	190.3
115	58.2	45.5	68.3

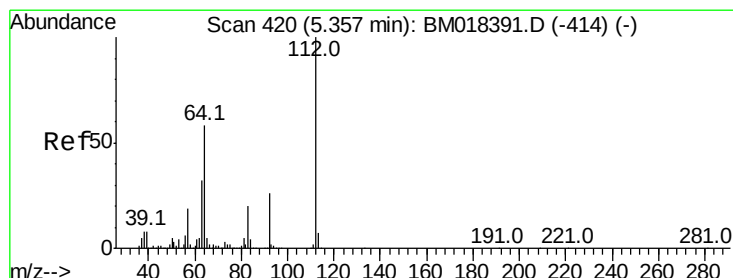
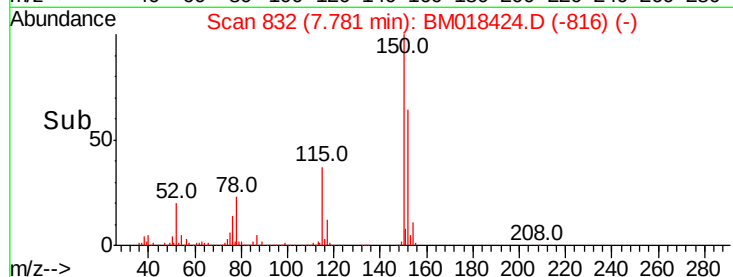
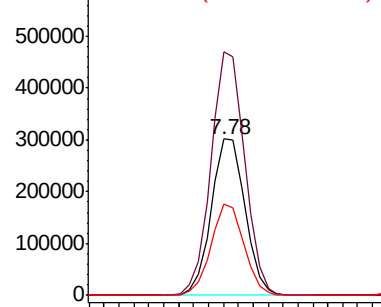


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

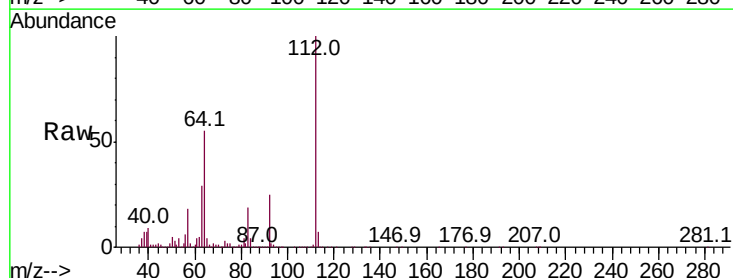
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 144.869 ng
RT: 5.37 min Scan# 423
Delta R.T. 0.02 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.5	69.7
63	29.2	25.2	37.8

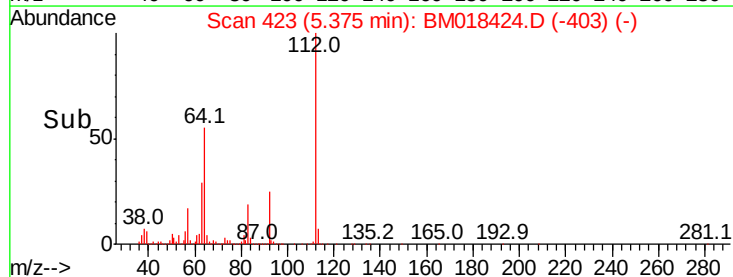
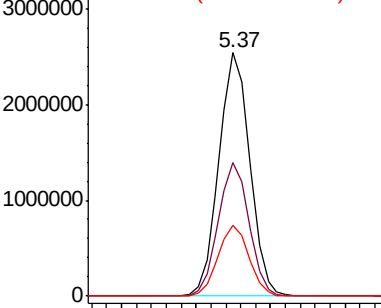


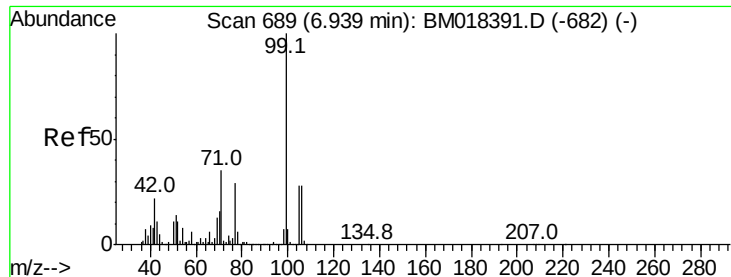
Abundance

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: 122.096 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

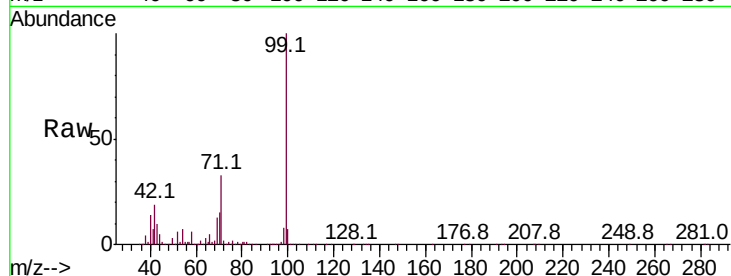
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 4263857

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	33.4	28.0	42.0

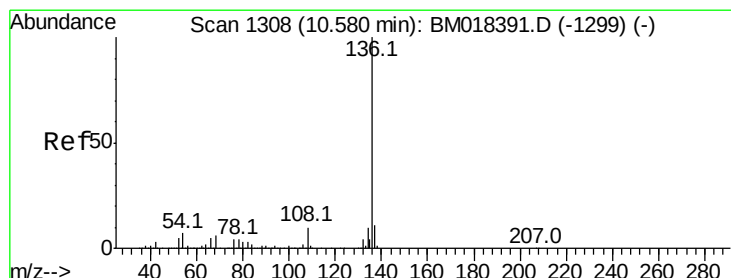
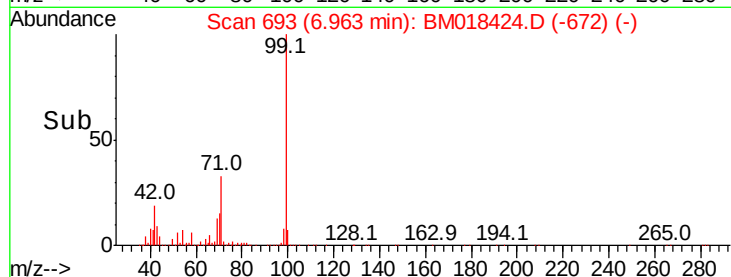
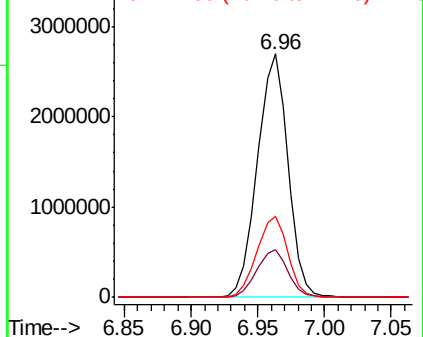


Abundance

Ion 99.00 (98.70 to 99.70): BM018391.D (-682) (-)

Ion 42.00 (41.70 to 42.70): BM018391.D (-682) (-)

Ion 71.00 (70.70 to 71.70): BM018391.D (-682) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

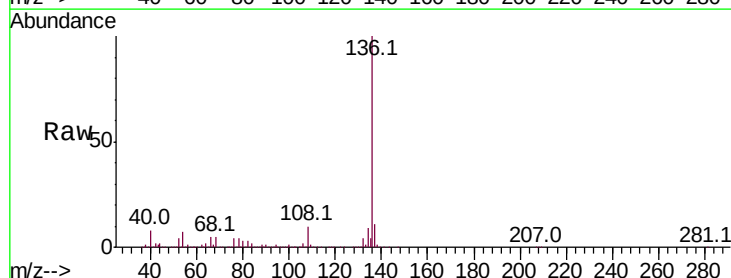
Delta R.T. -0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

Tgt Ion: 136 Resp: 1908665

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	6.0	9.0
68	5.1	4.5	6.7



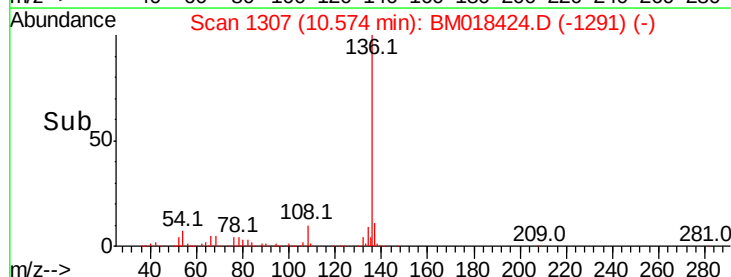
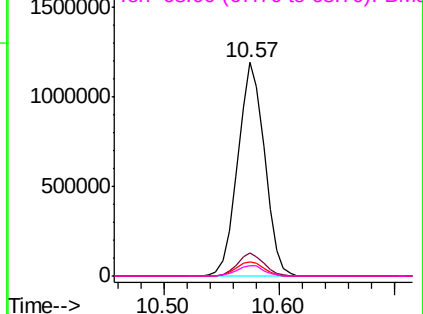
Abundance

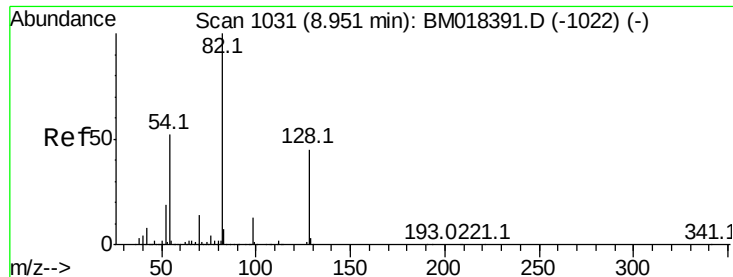
Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

Ion 137.00 (136.70 to 137.70): BM018391.D (-1299) (-)

Ion 54.00 (53.70 to 54.70): BM018391.D (-1299) (-)

Ion 68.00 (67.70 to 68.70): BM018391.D (-1299) (-)

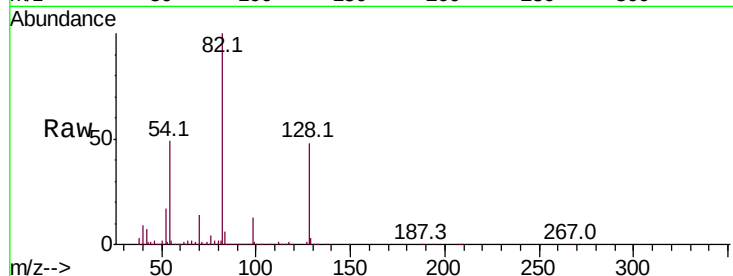




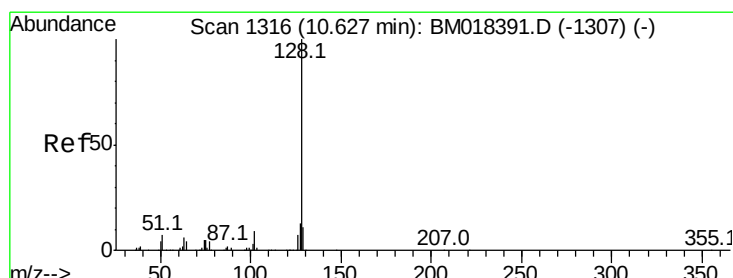
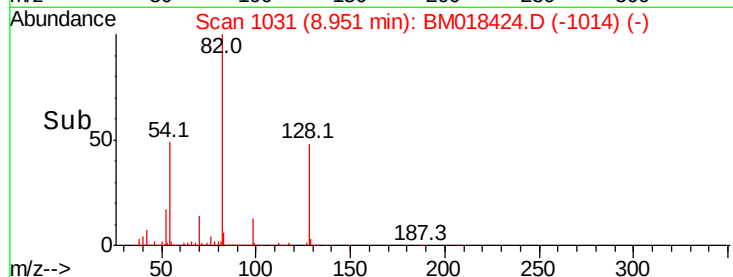
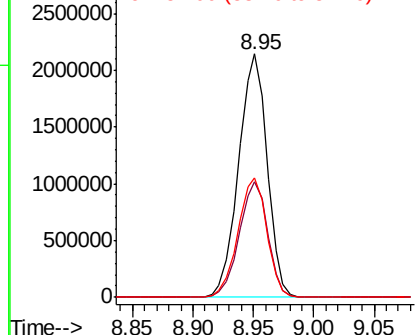
#23
Nitrobenzene-d5
Concen: 106.219 ng
RT: 8.95 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 82 Resp: 3532371
Ion Ratio Lower Upper
82 100
128 47.7 36.3 54.5
54 48.9 41.7 62.5

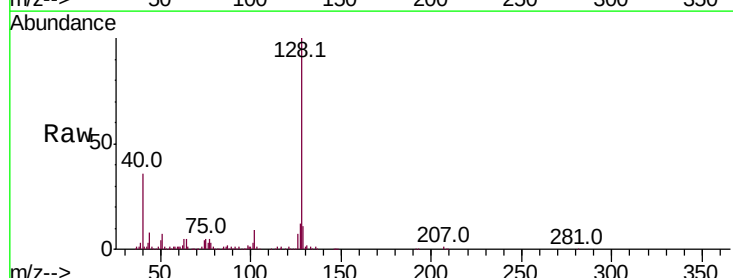


Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1022) (-)
Ion 128.00 (127.70 to 128.70): BM018391.D (-1022) (-)
Ion 54.00 (53.70 to 54.70): BM018391.D (-1022) (-)

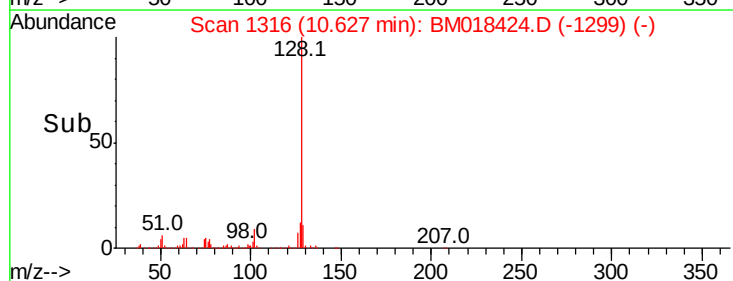
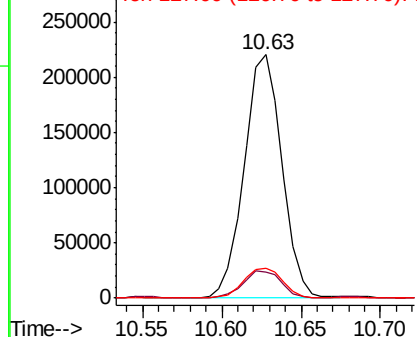


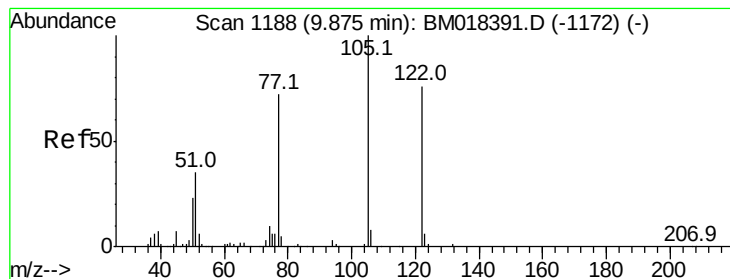
#31
Naphthalene
Concen: 3.958 ng
RT: 10.63 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Tgt Ion: 128 Resp: 364158
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): BM018391.D (-1307) (-)
Ion 129.00 (128.70 to 129.70): BM018391.D (-1307) (-)
Ion 127.00 (126.70 to 127.70): BM018391.D (-1307) (-)





#32

Benzoic acid

Concen: 3.145 ng

RT: 9.89 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

Instrument :

BNA_M

ClientSampled :

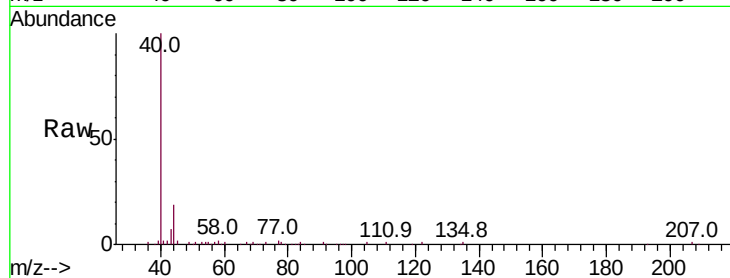
Tot Ion:122 Resp: 447

Ion Ratio Lower Upper

122 100

105 134.0 100.4 140.4

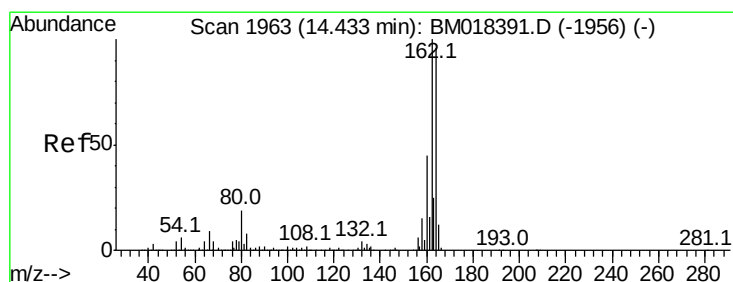
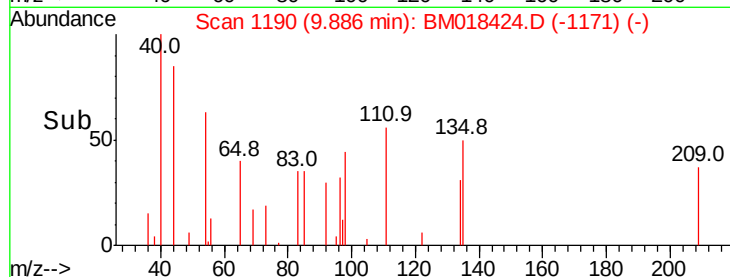
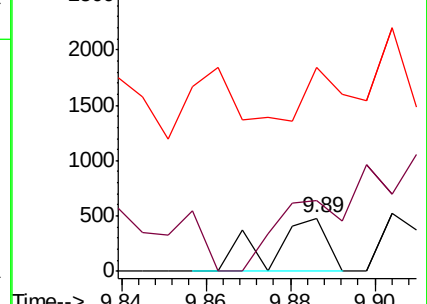
77 383.1 71.7 111.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

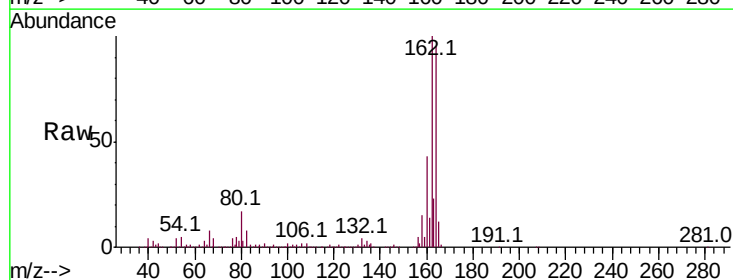
Tgt Ion:164 Resp: 1094247

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.4

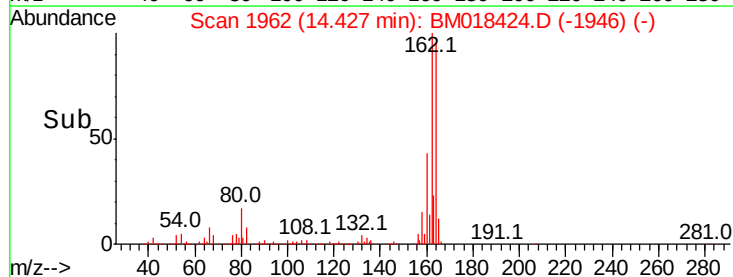
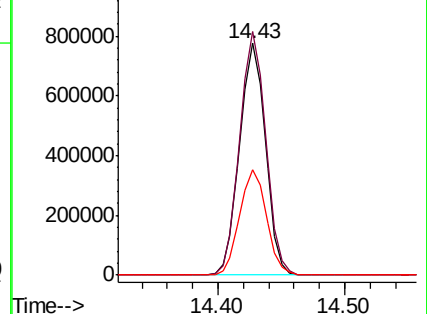
160 45.5 37.1 55.7

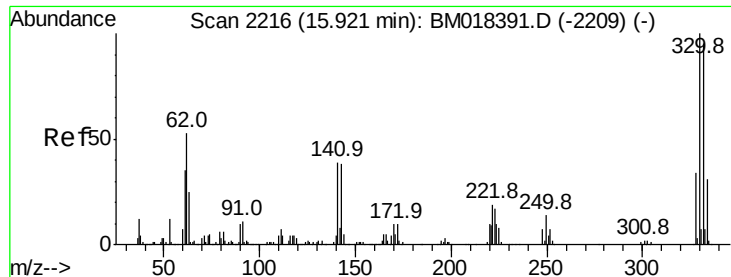


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

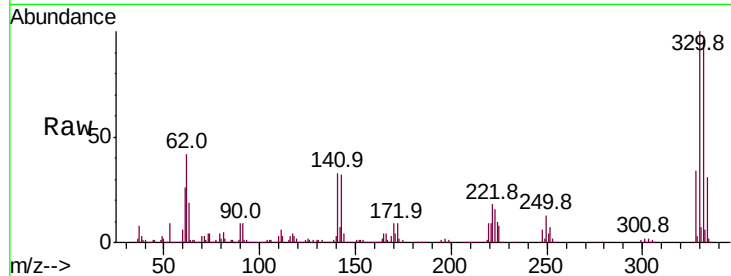




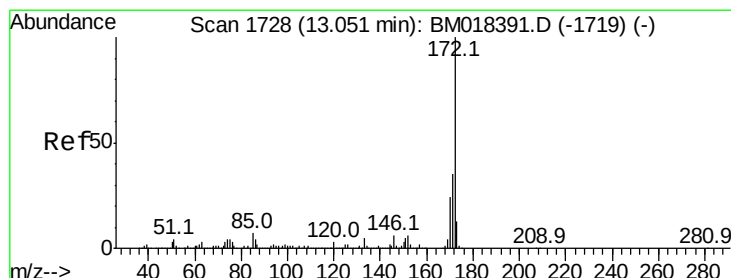
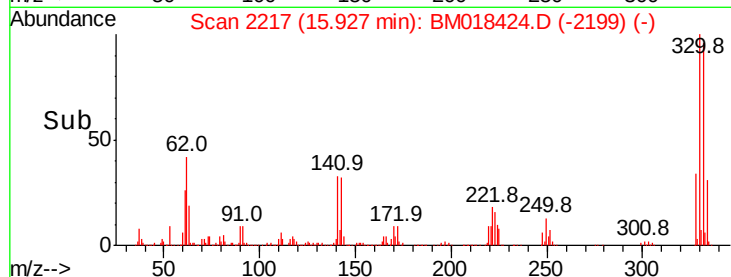
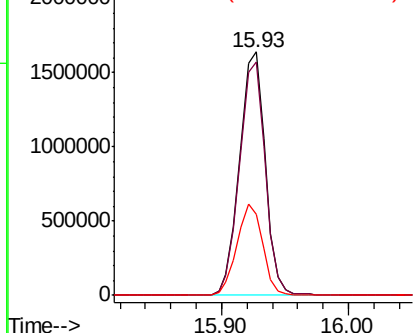
#42
 2,4,6-Tribromophenol
 Concen: 165.763 ng
 RT: 15.93 min Scan# 2217
 Delta R.T. 0.01 min
 Lab File: BM018424.D
 Acq: 28 Dec 2018 08:26

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 2304665
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 37.4 31.7 47.5

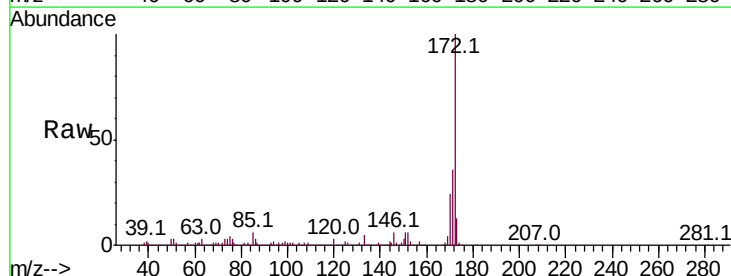


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

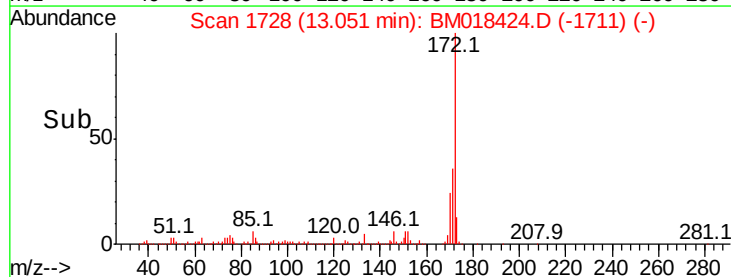
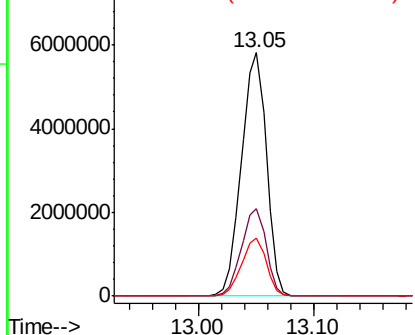


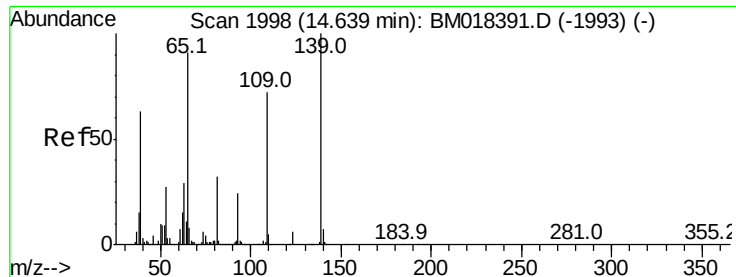
#45
 2-Fluorobiphenyl
 Concen: 108.107 ng
 RT: 13.05 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BM018424.D
 Acq: 28 Dec 2018 08:26

Tgt Ion:172 Resp: 8734226
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.2 42.4
 170 23.7 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#56

4-Nitrophenol

Concen: 5.674 ng

RT: 14.64 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

Instrument :

BNA_M

ClientSampleId :

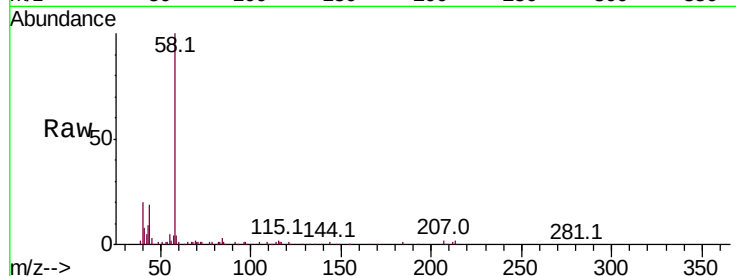
Tot Ion:139 Resp: 157

Ion Ratio Lower Upper

139 100

109 112.8 51.7 91.7#

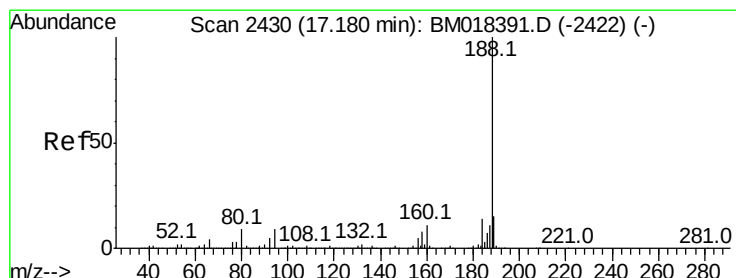
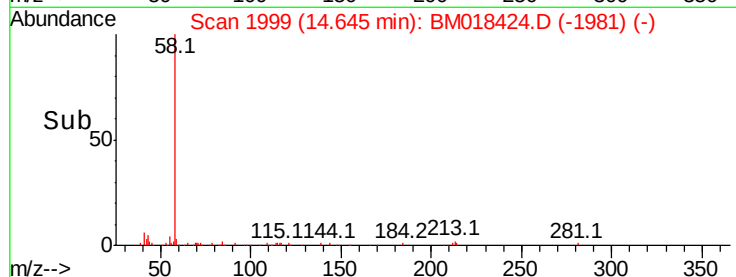
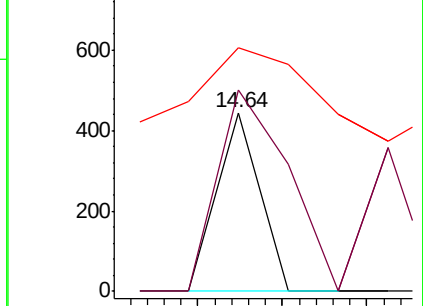
65 136.2 71.4 111.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

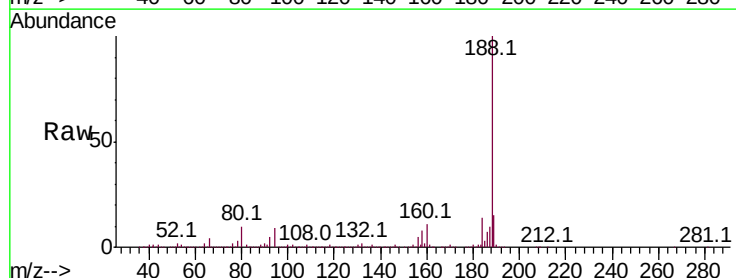
Tgt Ion:188 Resp: 2502178

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

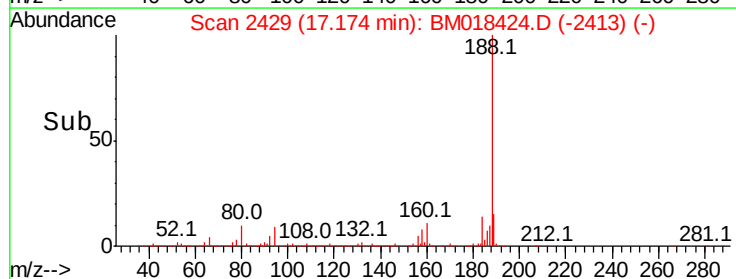
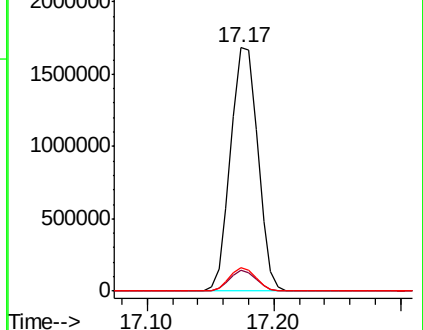
80 9.6 7.6 11.4

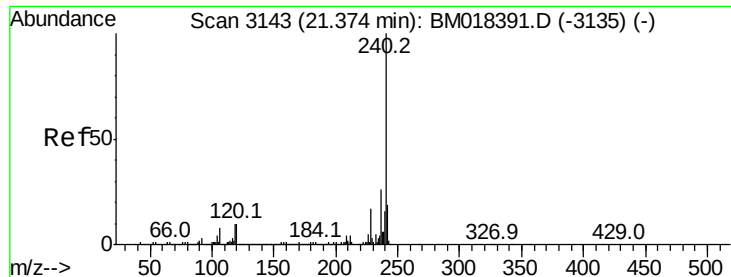


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

Instrument :

BNA_M

ClientSampled :

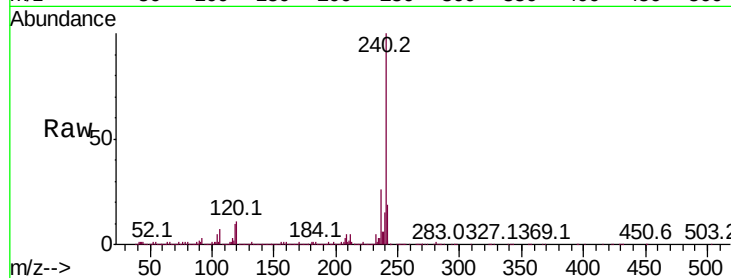
Tot Ion:240 Resp: 2567576

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

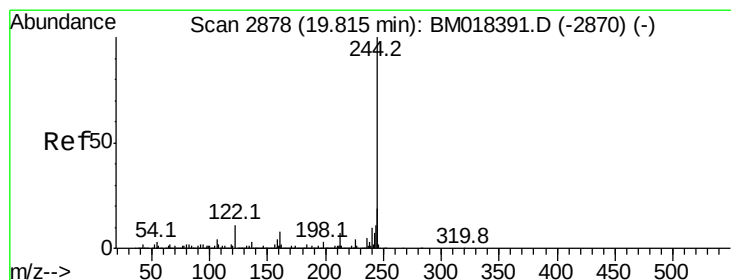
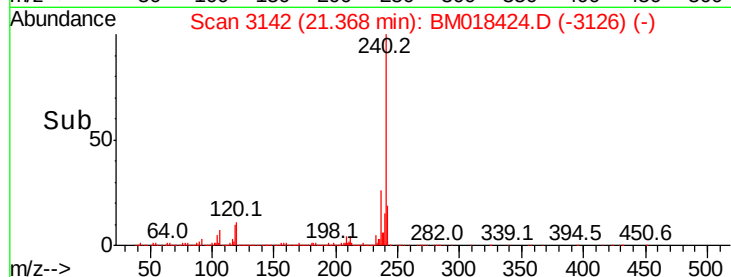
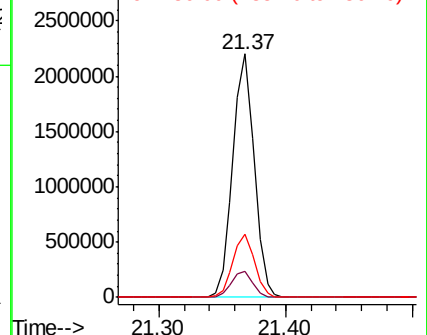
236 26.1 20.7 31.1



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



#79

Terphenyl-d14

Concen: 102.540 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018424.D

Acq: 28 Dec 2018 08:26

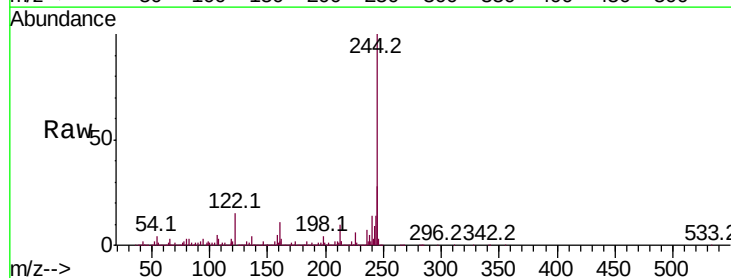
Tgt Ion:244 Resp:12355445

Ion Ratio Lower Upper

244 100

212 10.4 5.9 8.9#

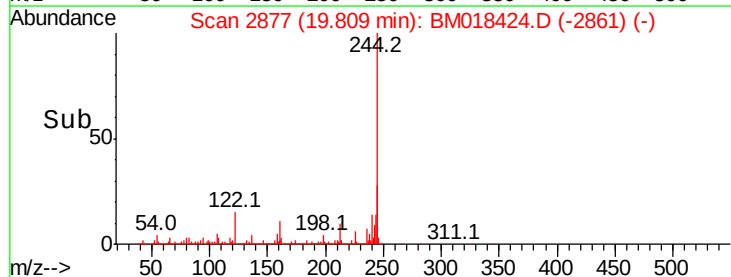
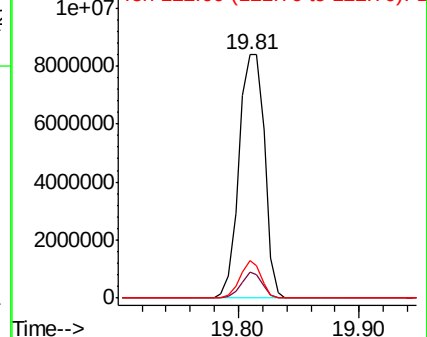
122 15.5 9.0 13.4#

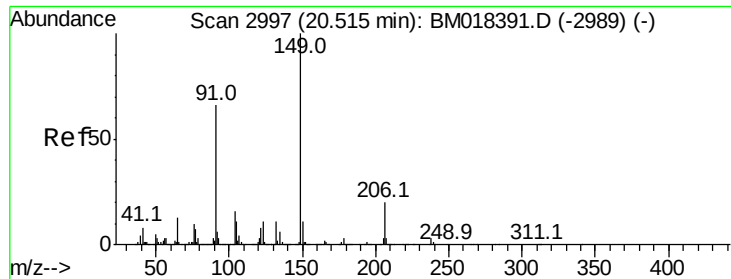


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

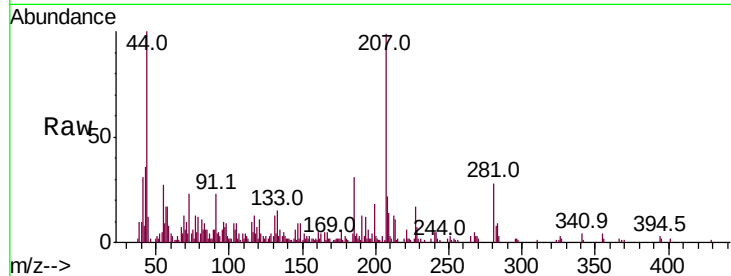




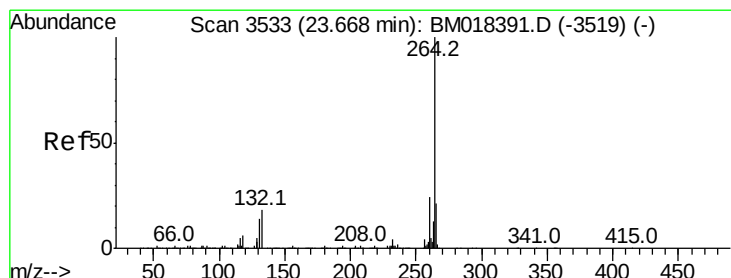
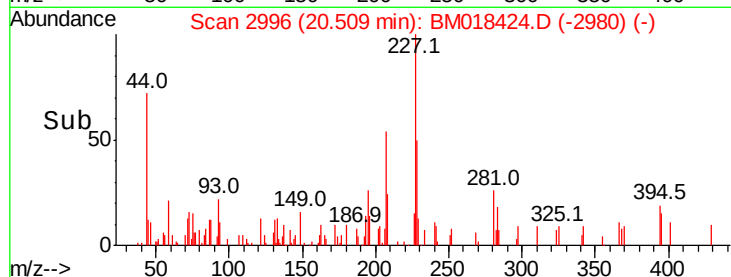
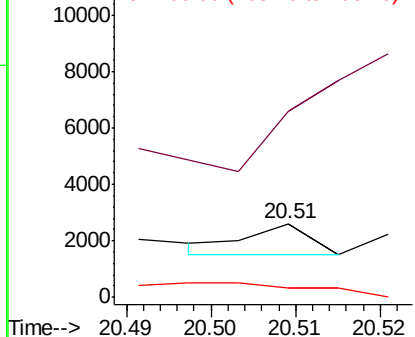
#80
Butylbenzylphthalate
Concen: 6.641 ng
RT: 20.51 min Scan# 2996
Delta R.T. -0.01 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 571
Ion Ratio Lower Upper
149 100
91 252.0 53.1 79.7#
206 12.5 16.2 24.4#

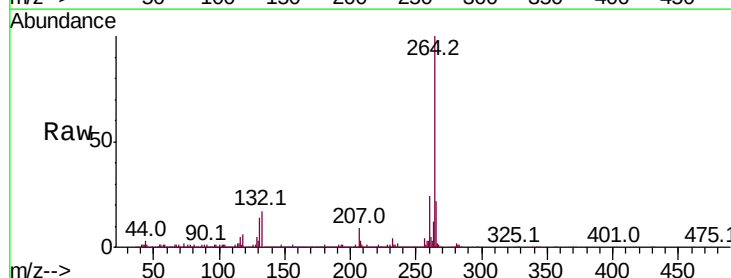


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018391.D (-2989) (-)
Ion 206.00 (205.70 to 206.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Tgt Ion:264 Resp: 2334211
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 21.6 16.8 25.2



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

