

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 :
 TN-122618-C

Quant Time: Dec 28 11:08:52 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

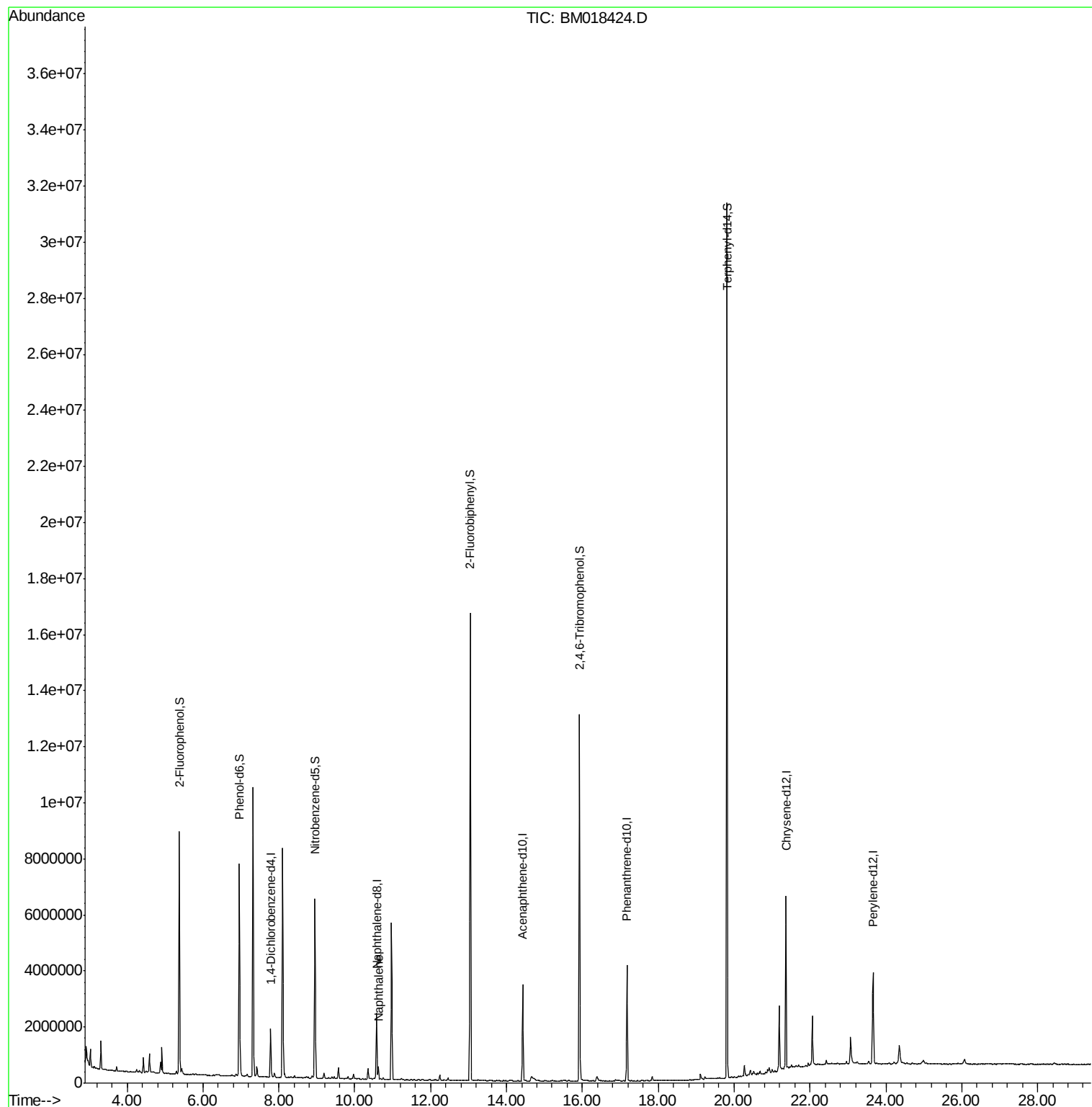
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	474166	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1908665	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1094247	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2502178	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2567576	20.00	ng	0.00
87) Perylene-d12	23.66	264	2334211	20.00	ng	0.00
System Monitoring Compounds						
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						
31) Naphthalene	10.63	128	364158	3.958	ng	Qvalue 98

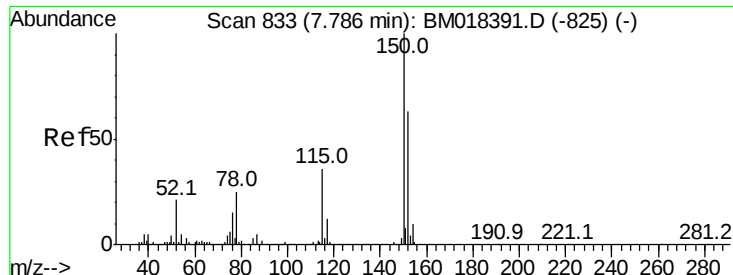
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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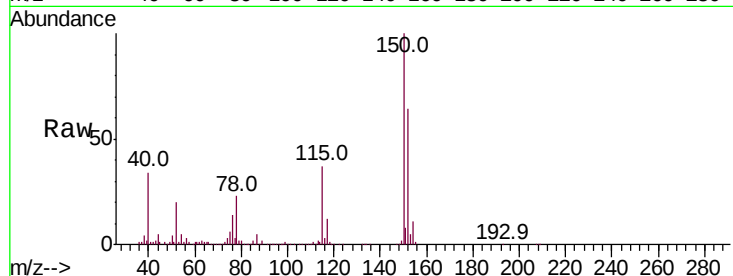


#1

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 :
TN-122618-C

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

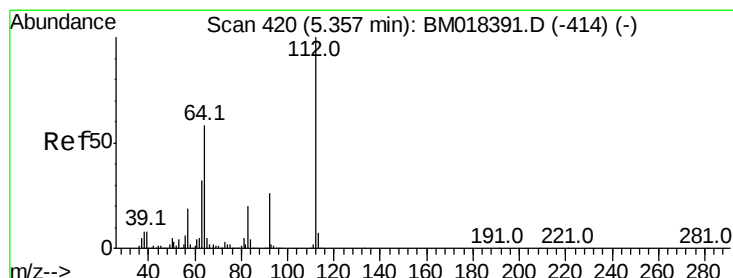
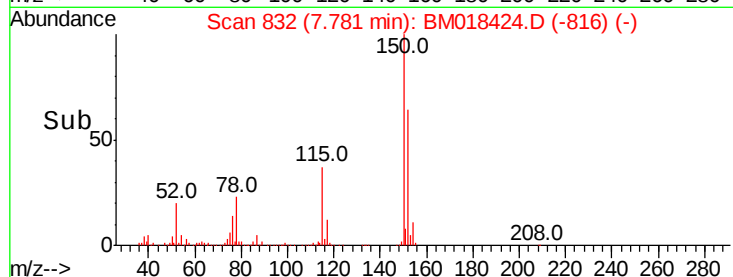
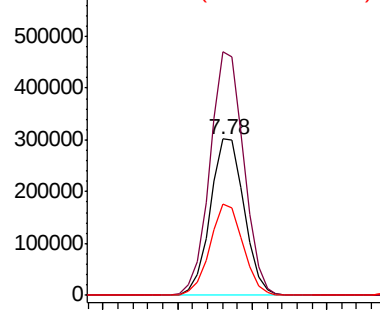


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

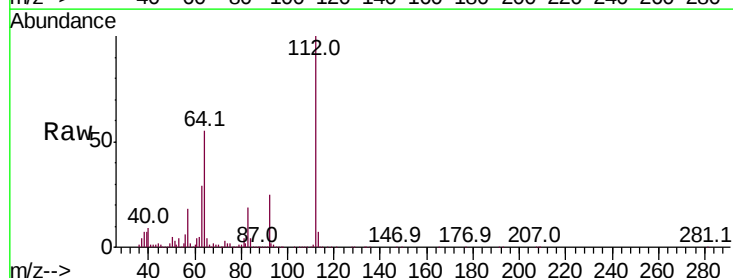
Ion 115.00 (114.70 to 115.70): E



#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

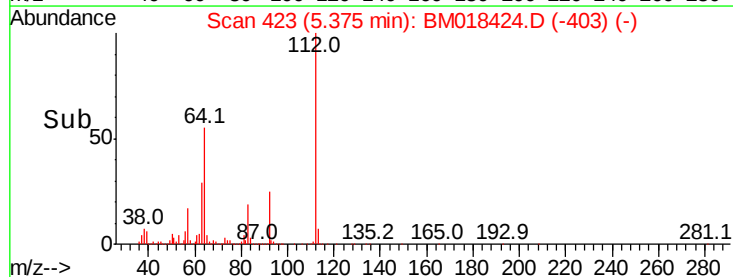
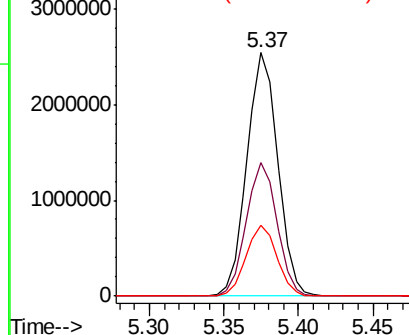


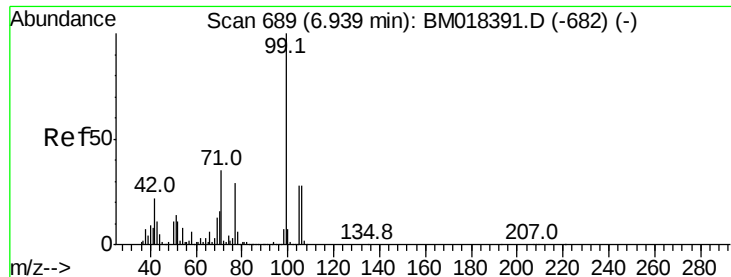
Abundance

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 :

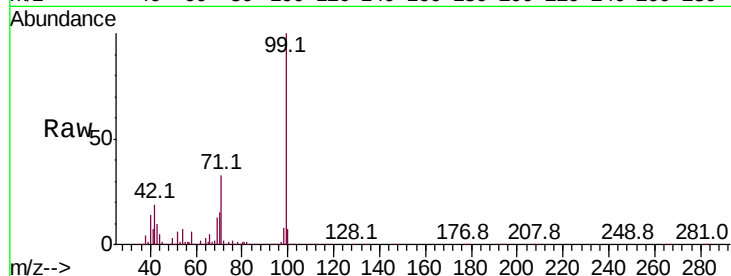
BNA_M

ClientSampleId :

TN-122618-C

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

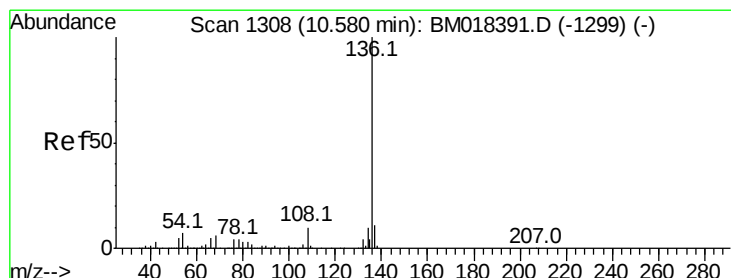
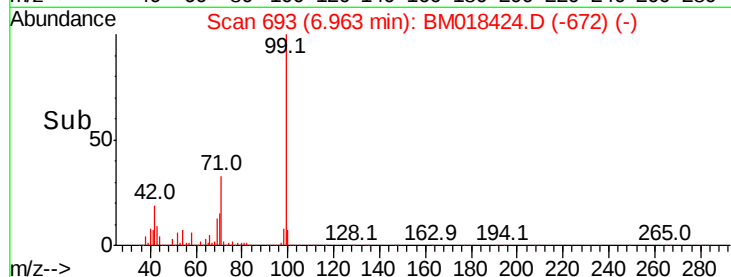
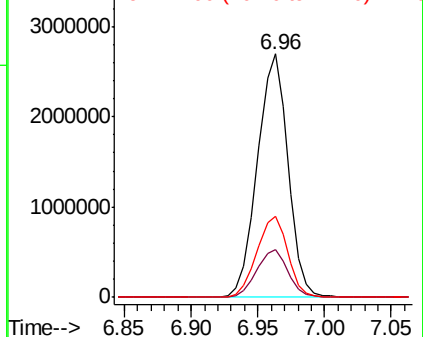


Abundance

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

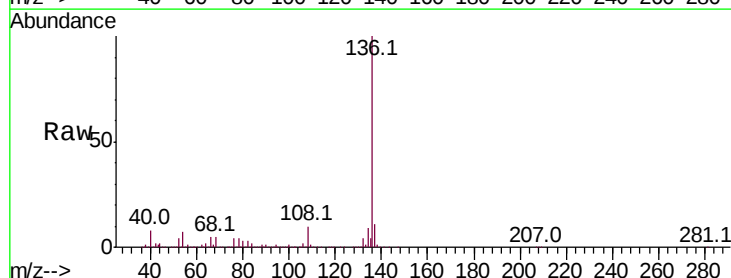
Delta R.T. -0.01 min

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



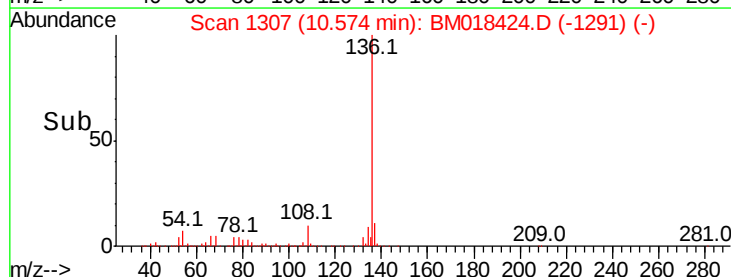
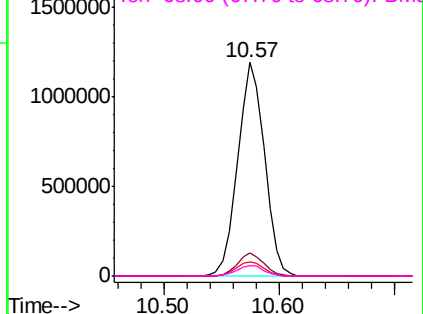
Abundance

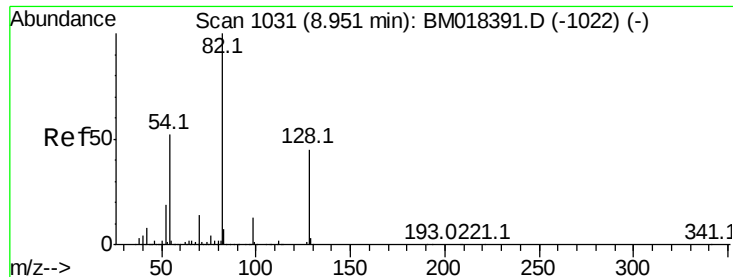
Ion 136.00 (135.70 to 136.70): BM018391.D (-1299) (-)

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) (-)

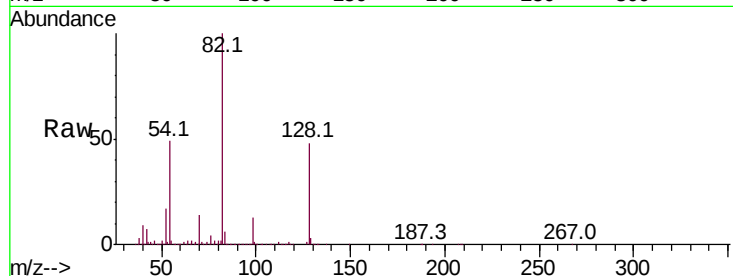




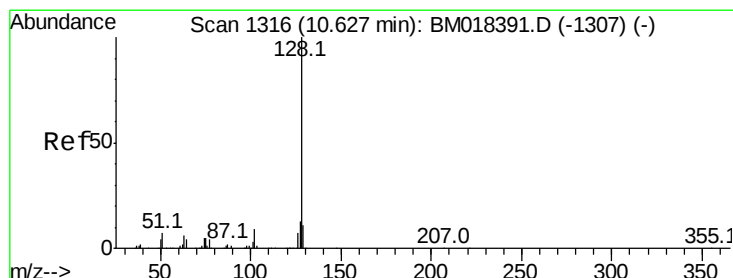
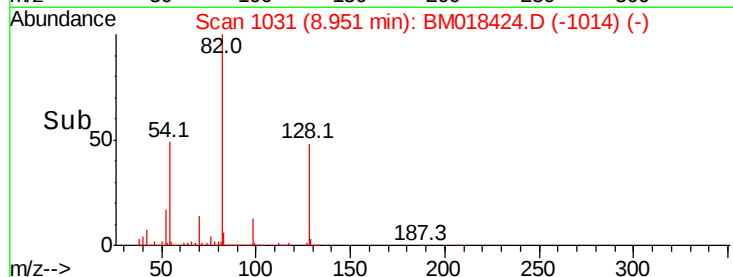
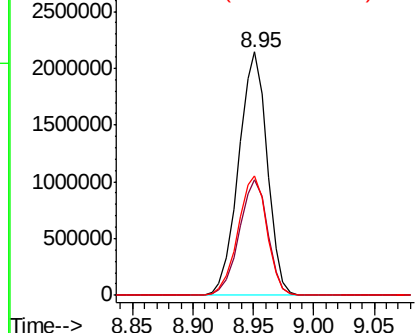
#23
Nitrobenzene-d5
Concen: 106.219 ng
RT: 8.95 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

Instrument :
BNA_M
ClientSampleId :
TN-122618-C

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

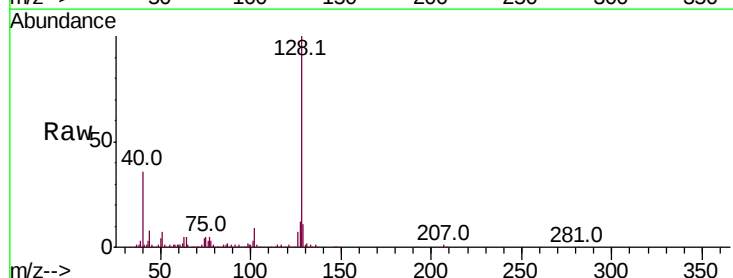


Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1022) (-)
Ion 128.00 (127.70 to 128.70): BM018391.D (-1022) (-)
Ion 54.00 (53.70 to 54.70): BM018391.D (-1022) (-)

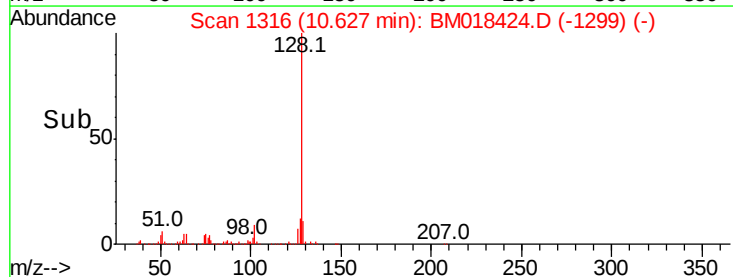
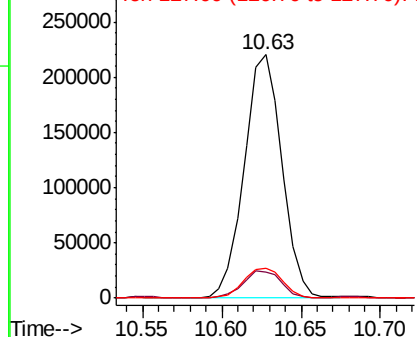


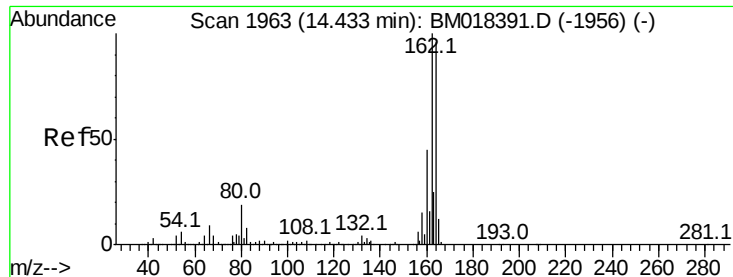
#31
Naphthalene
Concen: 3.958 ng
RT: 10.63 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

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) (-)

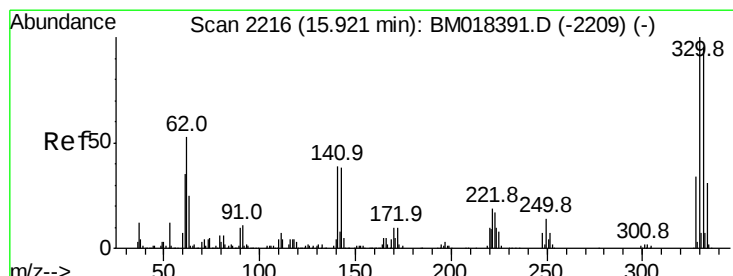
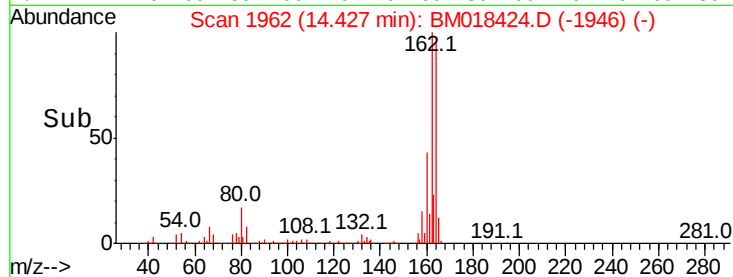
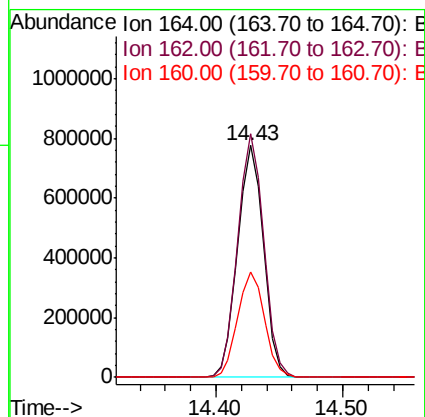
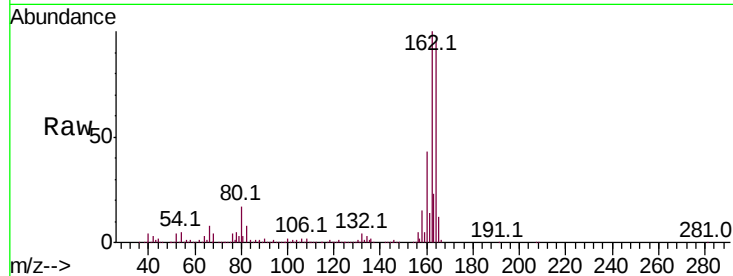




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

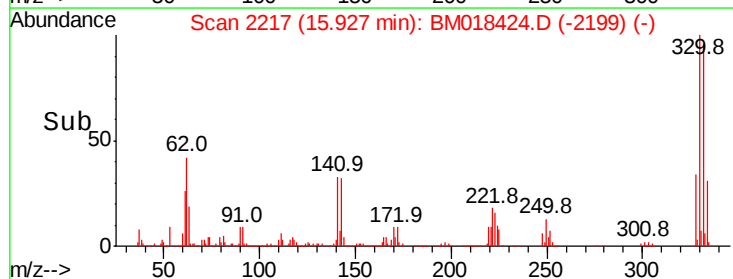
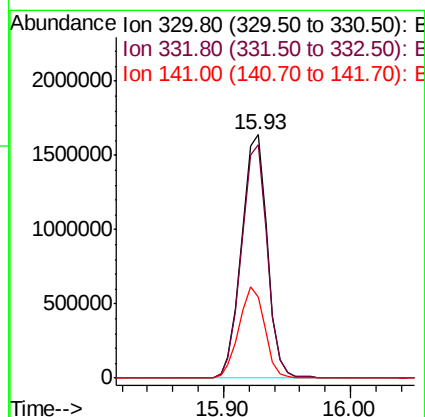
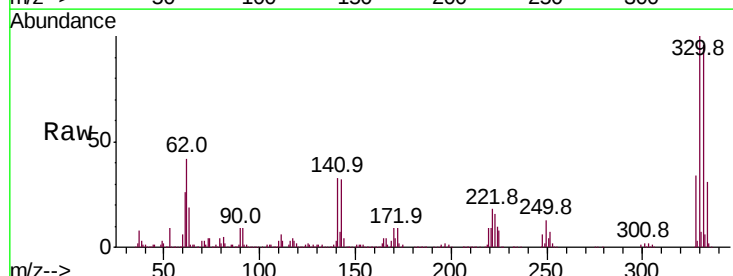
Instrument :
BNA_M
ClientSampleId :
TN-122618-C

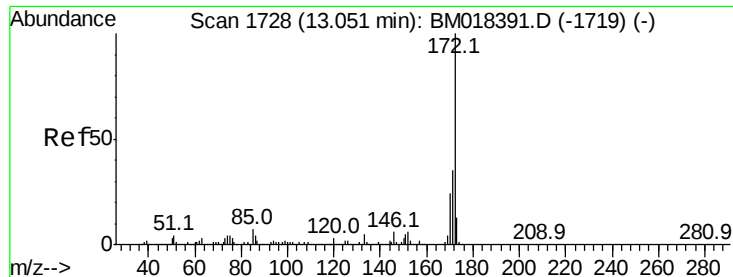
Tot Ion:164 Resp: 1094247
Ion Ratio Lower Upper
164 100
162 105.1 83.0 124.4
160 45.5 37.1 55.7



#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

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



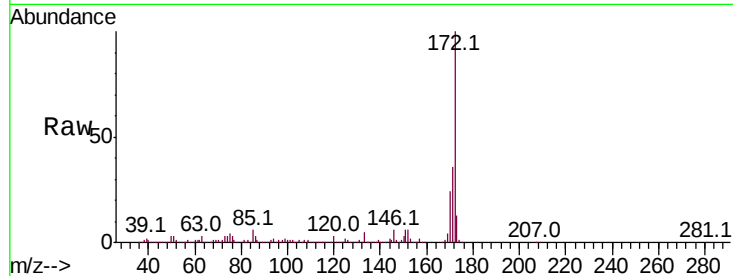


#45
2-Fluorobiphenyl
Concen: 108.107 ng
RT: 13.05 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

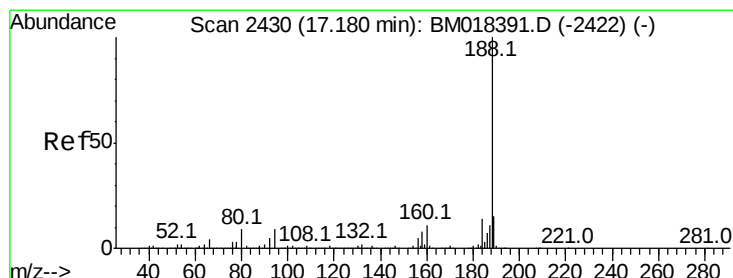
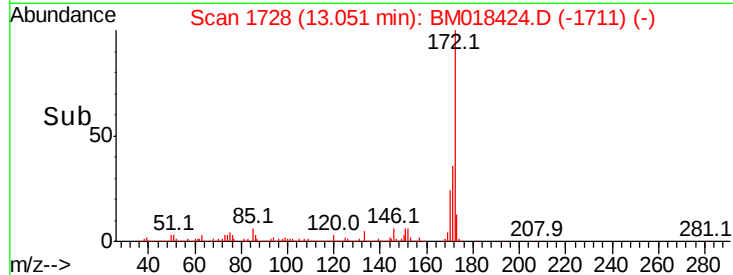
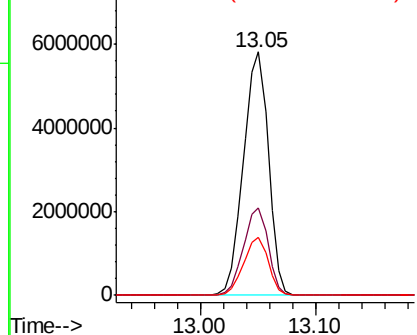
Instrument :
BNA_M
ClientSampleId :
TN-122618-C

Tot Ion:172 Resp: 8734226

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.4
170	23.7	18.9	28.3



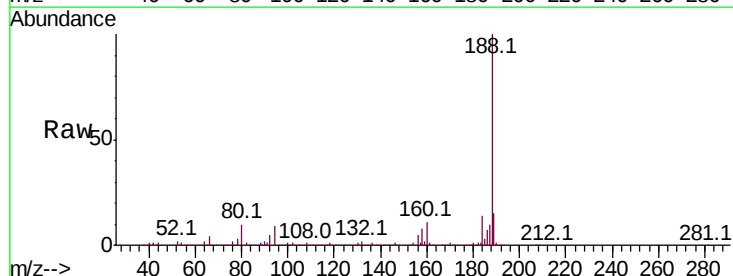
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



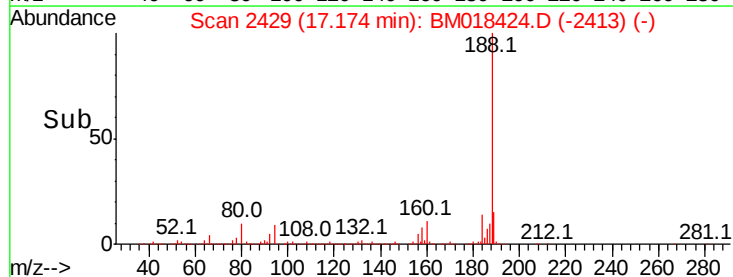
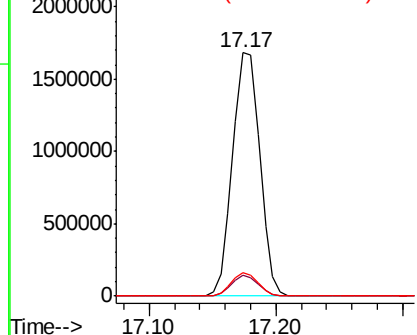
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018424.D
Acq: 28 Dec 2018 08:26

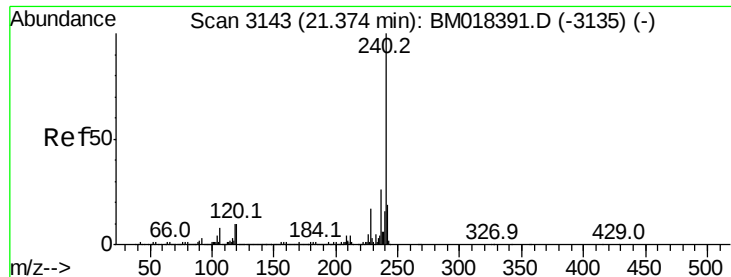
Tgt Ion:188 Resp: 2502178

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): BM0
Ion 80.00 (79.70 to 80.70): BM0





#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

ClientSampleId :

TN-122618-C

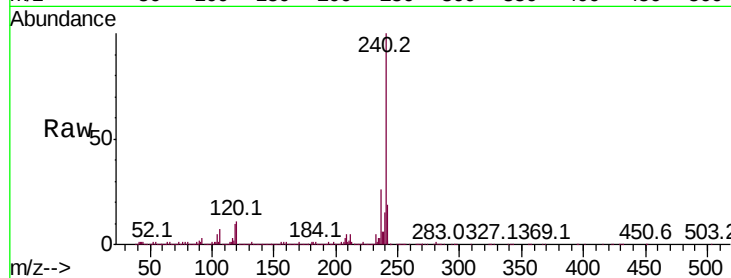
Tot Ion:240 Resp: 2567576

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

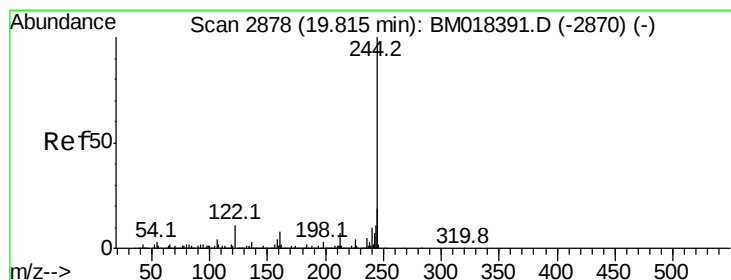
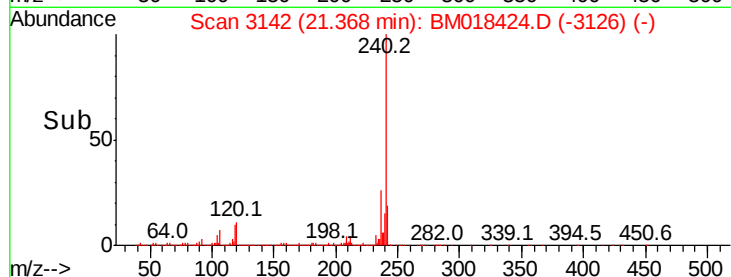
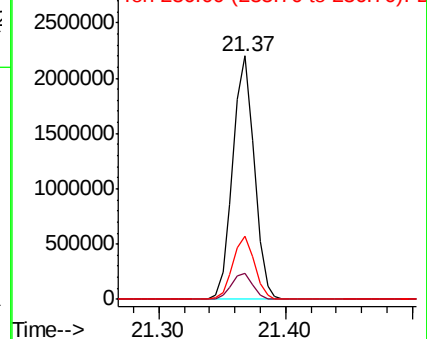
236 26.1 20.7 31.1



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

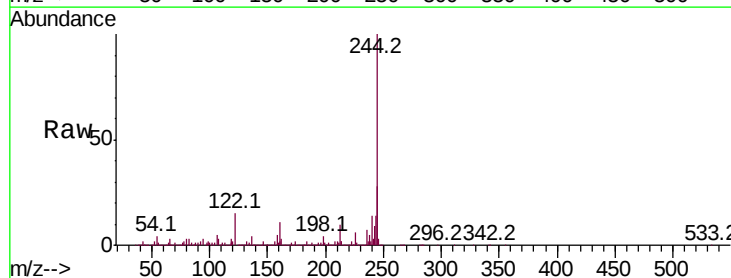
Tgt Ion:244 Resp:12355445

Ion Ratio Lower Upper

244 100

212 10.4 5.9 8.9#

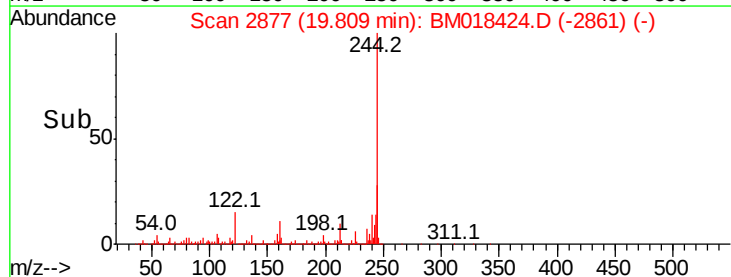
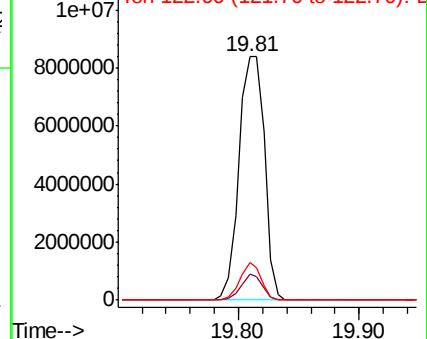
122 15.5 9.0 13.4#

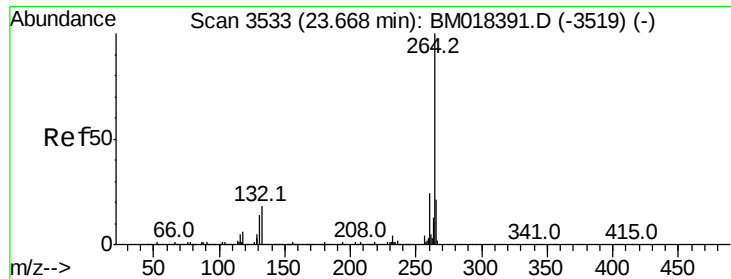


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlone-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

Instrument :
BNA_M
ClientSampleId :
TN-122618-C

Tot Ion:264 Resp: 2334211

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.6	16.8	25.2

