

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018433.D
 Acq On : 28 Dec 2018 14:09
 Operator : JU/SJ
 Sample : J6578-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CF-122618-A

Quant Time: Dec 28 14:44:11 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

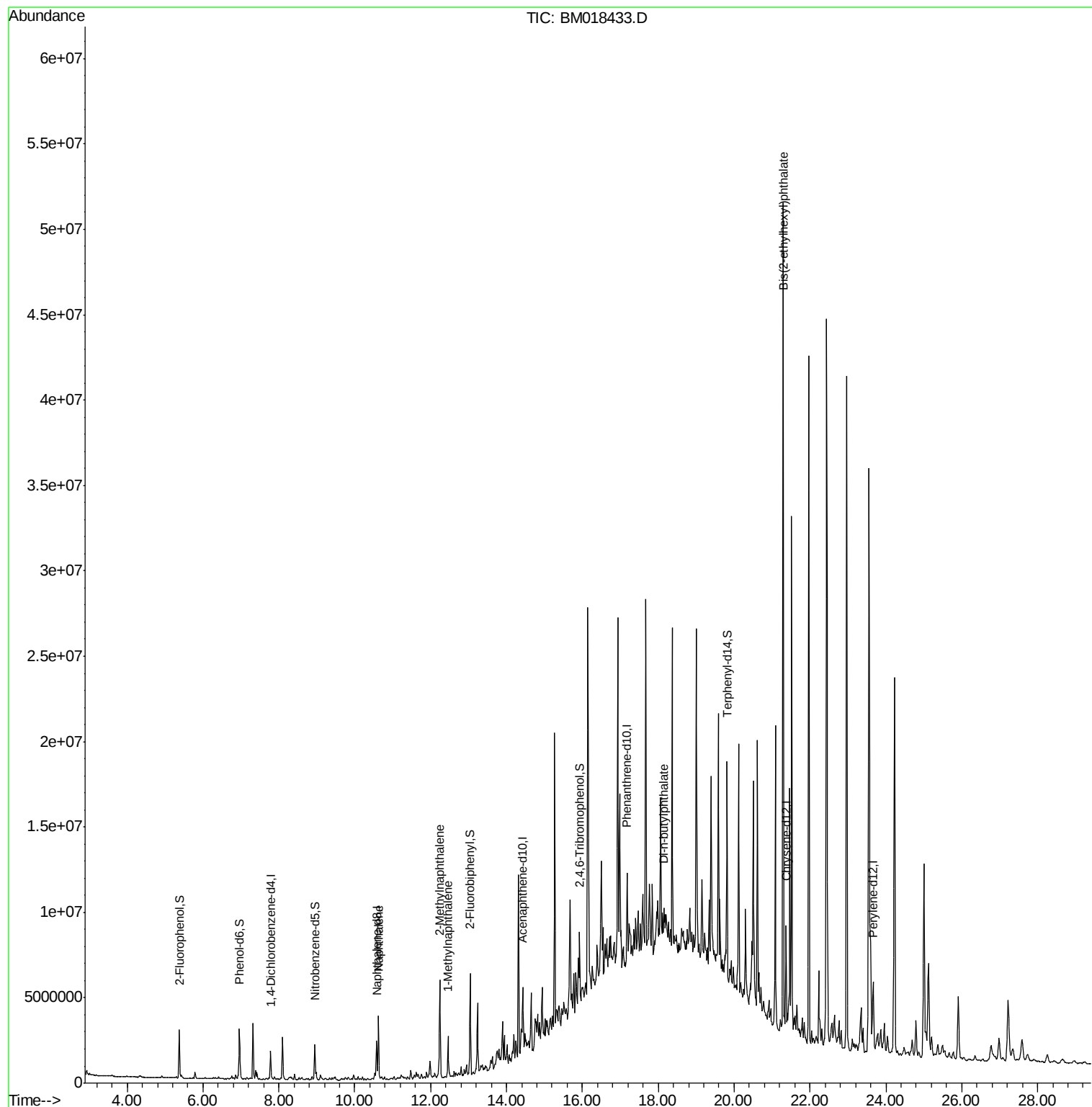
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	436582	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1901032	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1084895	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	2489320	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2691270	20.00	ng	0.00
87) Perylene-d12	23.67	264	2370158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1225470	52.92	ng	0.02
7) Phenol-d6	6.96	99	1734181	53.93	ng	0.02
23) Nitrobenzene-d5	8.95	82	1077731	32.54	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	777334	56.39	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	3030191	37.83	ng	0.00
79) Terphenyl-d14	19.82	244	5613337	44.45	ng	0.00
Target Compounds						
31) Naphthalene	10.63	128	2948854	32.183	ng	Qvalue 99
37) 2-Methylnaphthalene	12.24	142	2708915	40.373	ng	98
38) 1-Methylnaphthalene	12.46	142	1129824	17.322	ng	97
74) Di-n-butylphthalate	18.15	149	1356041	8.654	ng	97
84) Bis(2-ethylhexyl)phthalate	21.29	149	13027404	123.706	ng	# 71

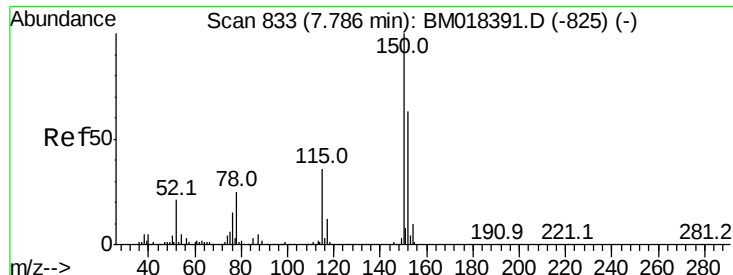
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CF-122618-A

Quant Time: Dec 28 14:44:11 2018
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QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration



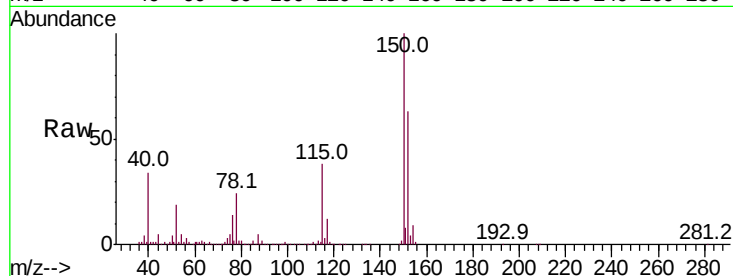


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Instrument :
BNA_M
ClientSampleId :
CF-122618-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.9	190.3
115	59.8	45.5	68.3

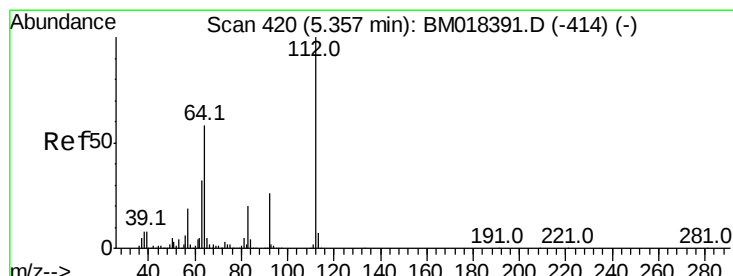
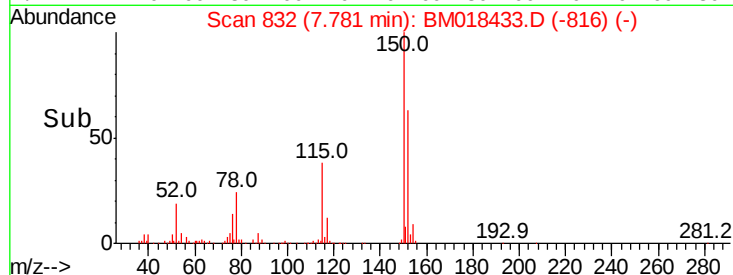
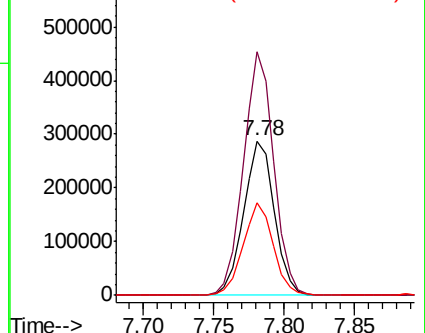


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

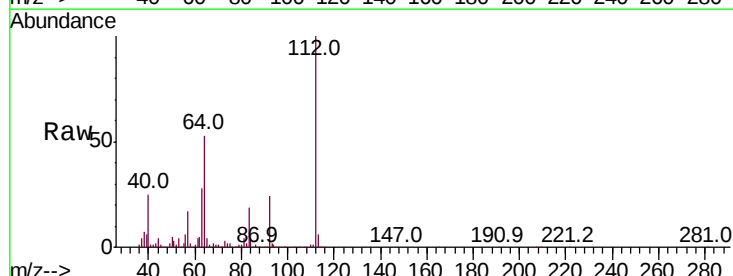
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.921 ng
RT: 5.37 min Scan# 423
Delta R.T. 0.02 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.5	69.7
63	27.9	25.2	37.8

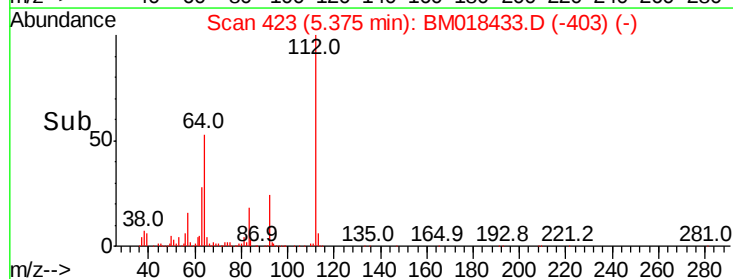
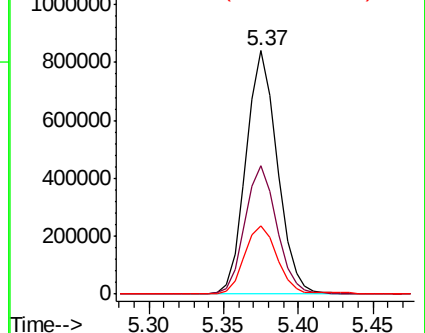


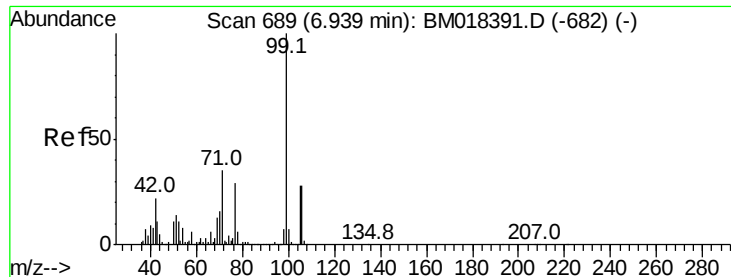
Abundance

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: 53.933 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM018433.D

Acq: 28 Dec 2018 14:09

Instrument :

BNA_M

ClientSampled :

CF-122618-A

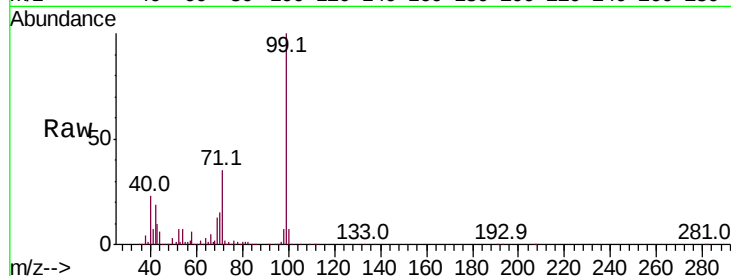
Tot Ion: 99 Resp: 1734181

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

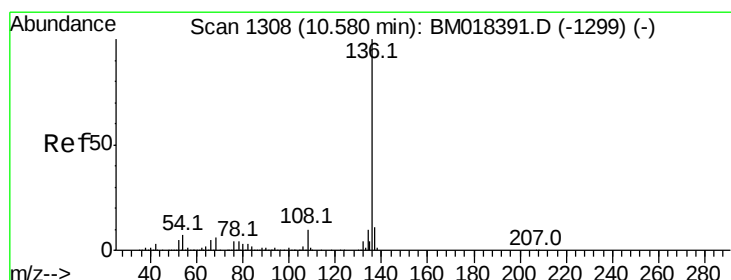
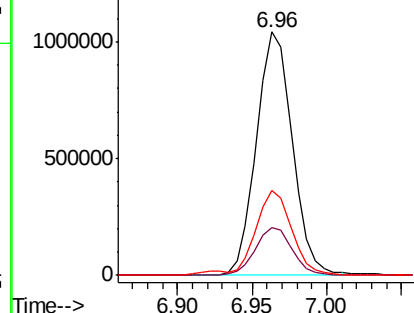
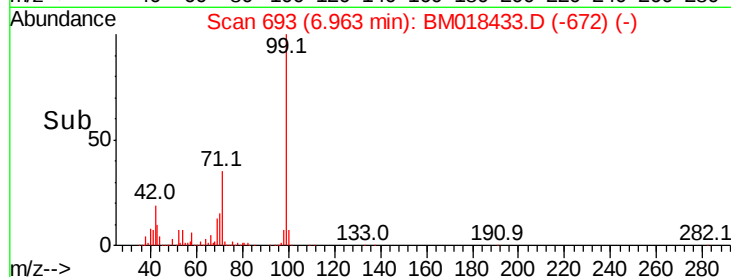
71 34.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018433.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM018433.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM018433.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018433.D

Acq: 28 Dec 2018 14:09

Tgt Ion: 136 Resp: 1901032

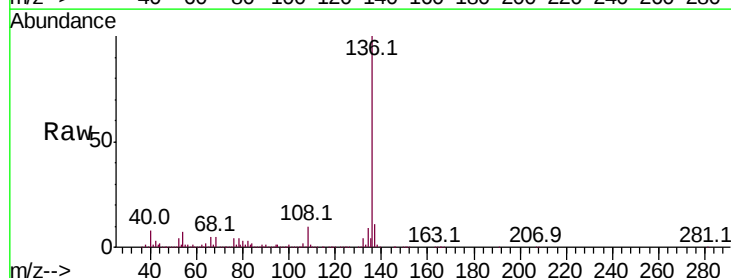
Ion Ratio Lower Upper

136 100

137 11.5 8.5 12.7

54 6.8 6.0 9.0

68 4.8 4.5 6.7

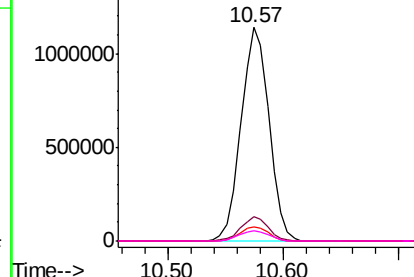
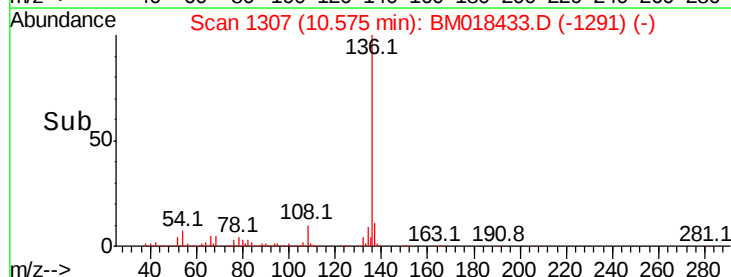


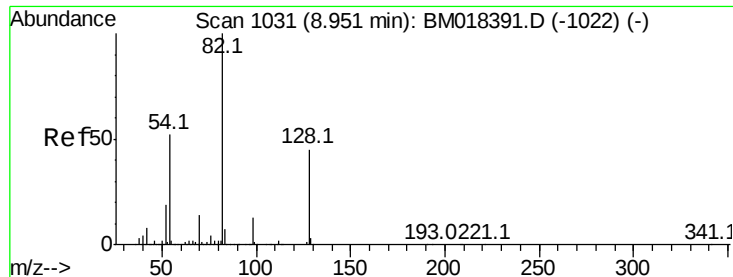
Abundance Ion 136.00 (135.70 to 136.70): BM018433.D (-1291) (-)

Ion 137.00 (136.70 to 137.70): BM018433.D (-1291) (-)

Ion 54.00 (53.70 to 54.70): BM018433.D (-1291) (-)

Ion 68.00 (67.70 to 68.70): BM018433.D (-1291) (-)

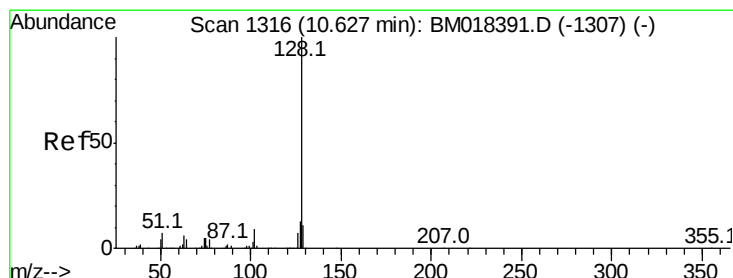
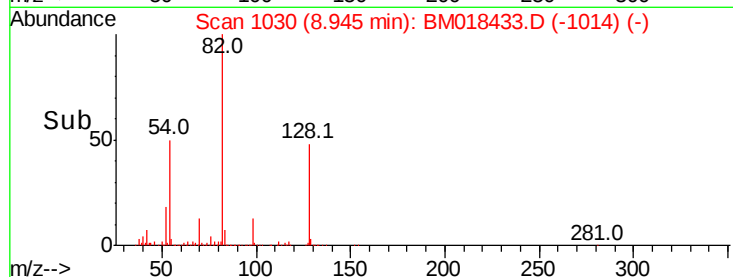
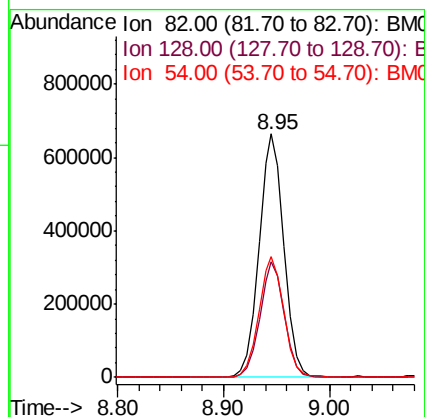
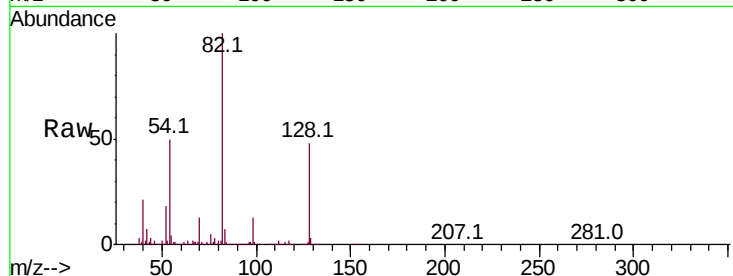




#23
Nitrobenzene-d5
Concen: 32.538 ng
RT: 8.95 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

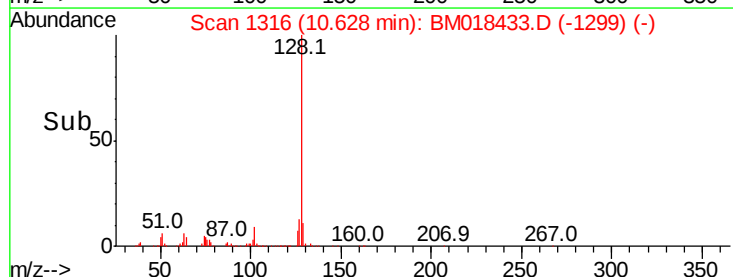
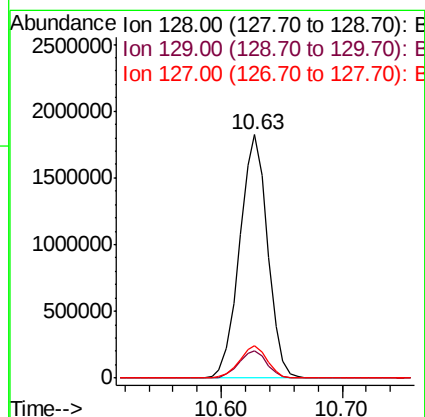
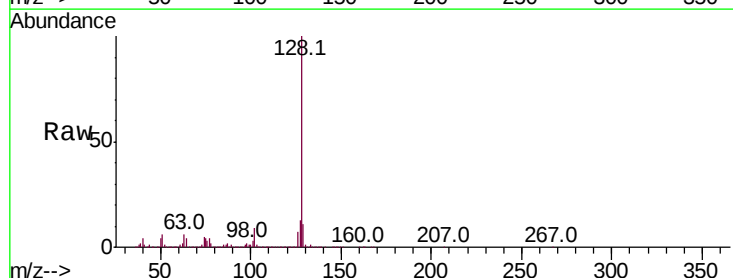
Instrument :
BNA_M
ClientSampleId :
CF-122618-A

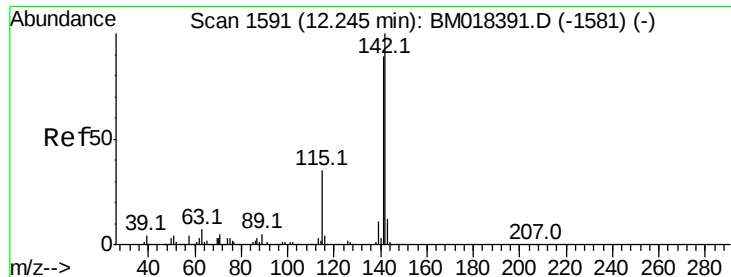
Tot Ion: 82 Resp: 1077731
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 49.5 41.7 62.5



#31
Naphthalene
Concen: 32.183 ng
RT: 10.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Tgt Ion: 128 Resp: 2948854
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.2 10.8 16.2

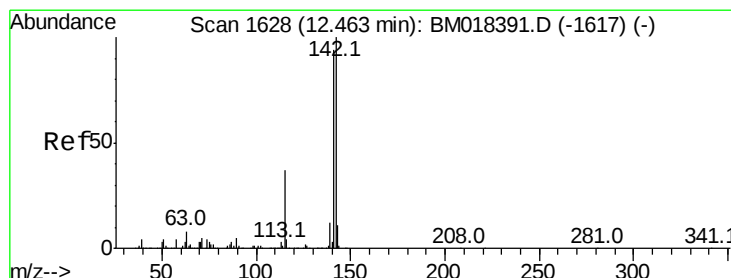
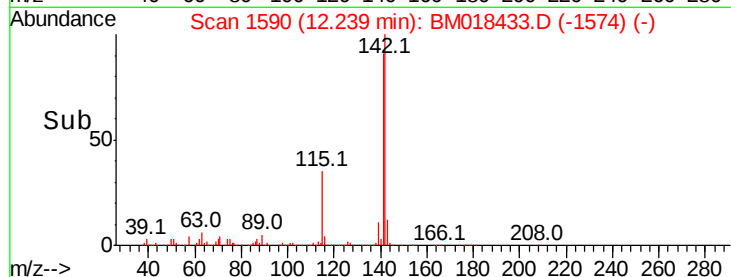
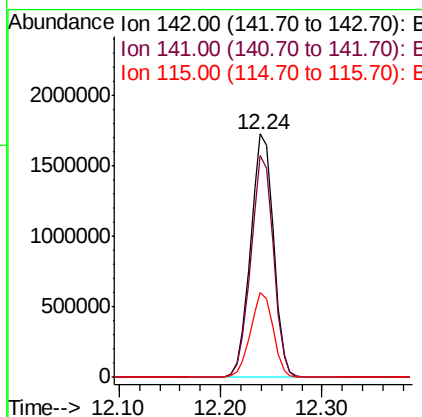
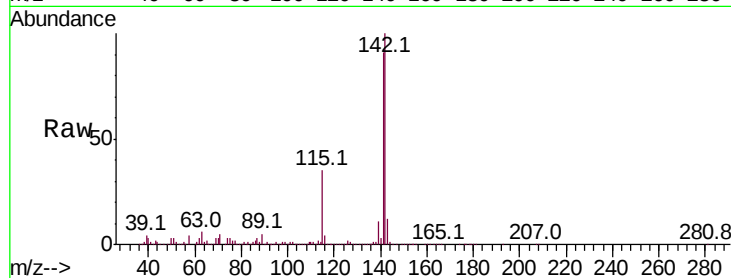




#37
2-Methylnaphthalene
Concen: 40.373 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

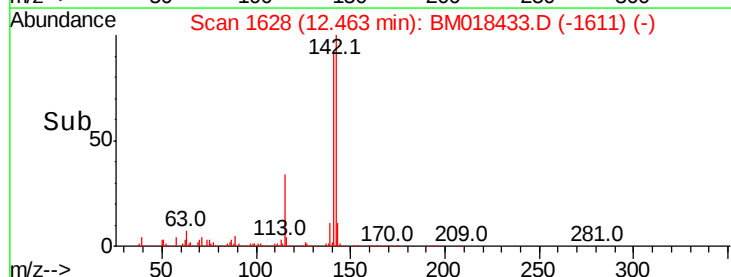
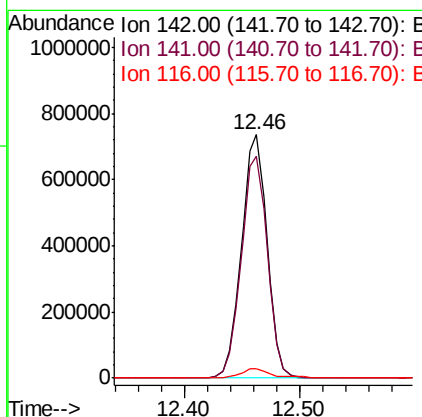
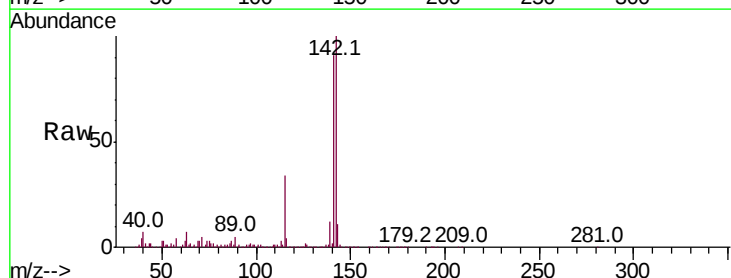
Instrument :
BNA_M
ClientSampleId :
CF-122618-A

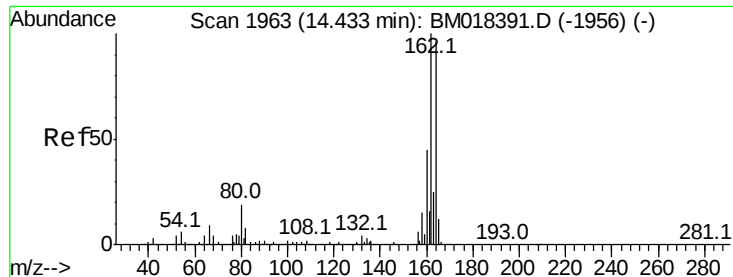
Tot Ion:142 Resp: 2708915
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2
115 34.7 28.0 42.0



#38
1-Methylnaphthalene
Concen: 17.322 ng
RT: 12.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Tgt Ion:142 Resp: 1129824
Ion Ratio Lower Upper
142 100
141 91.3 75.6 113.4
116 3.6 3.0 4.6

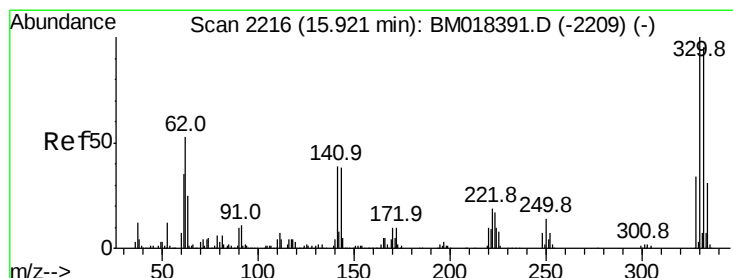
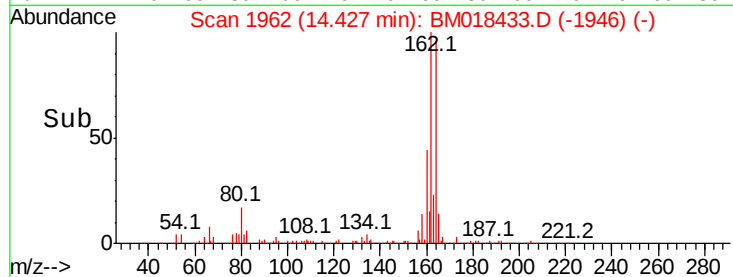
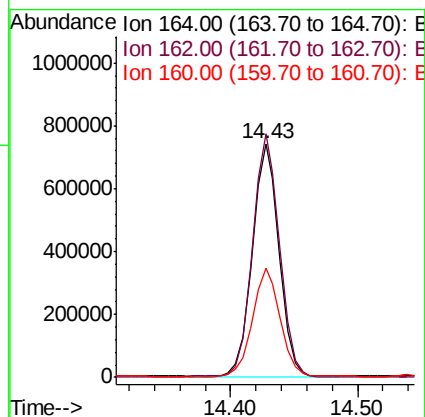
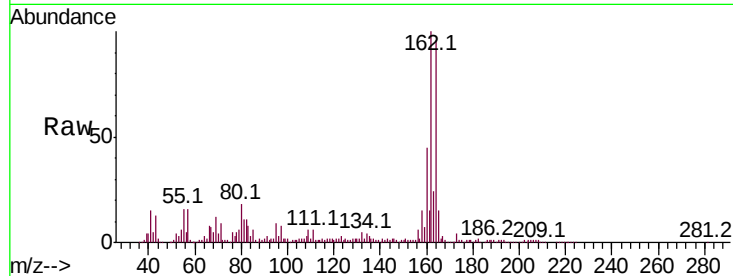




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

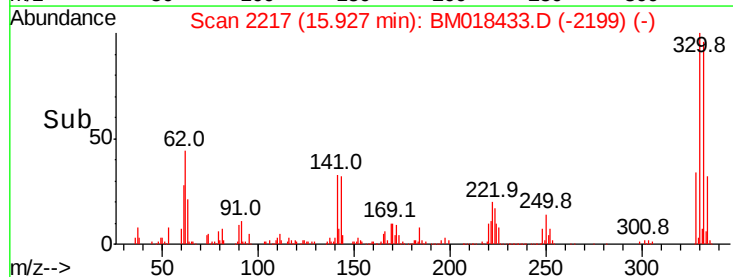
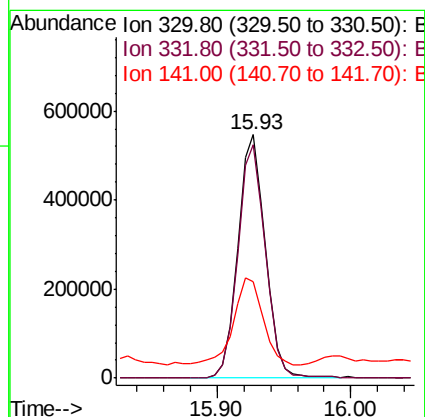
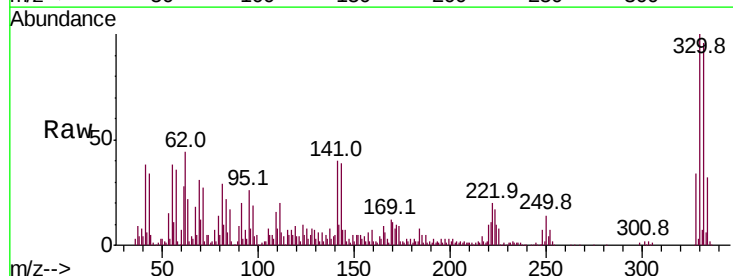
Instrument :
BNA_M
ClientSampleId :
CF-122618-A

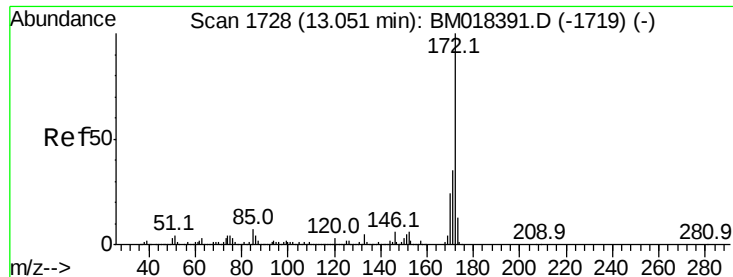
Tot Ion:164 Resp: 1084895
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.6 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 56.392 ng
RT: 15.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Tgt Ion:330 Resp: 777334
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 40.1 31.7 47.5



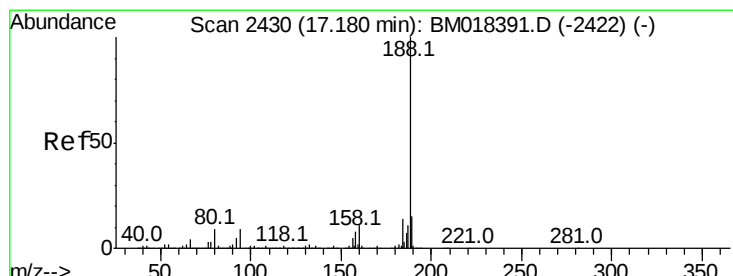
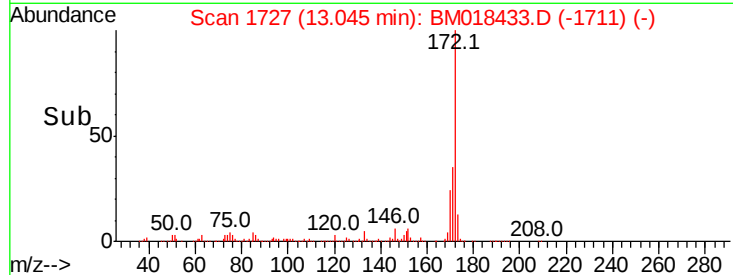
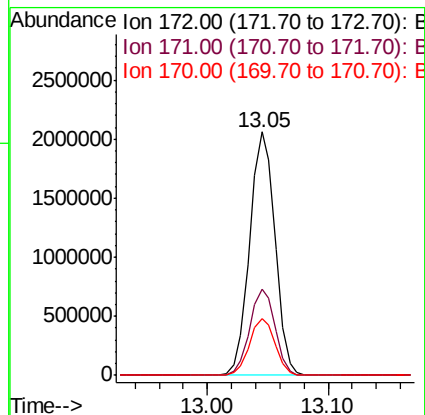
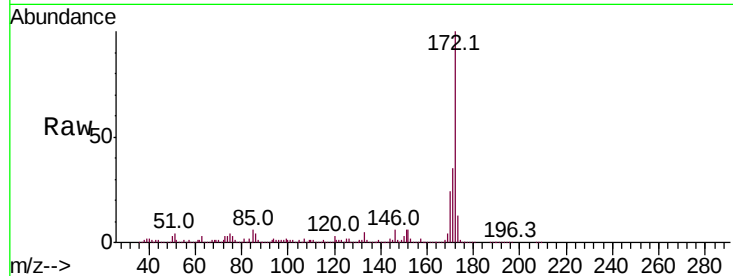


#45
 2-Fluorobiphenyl
 Concen: 37.829 ng
 RT: 13.05 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018433.D
 Acq: 28 Dec 2018 14:09

Instrument :
 BNA_M
 ClientSampled :
 CF-122618-A

Tot Ion:172 Resp: 3030191

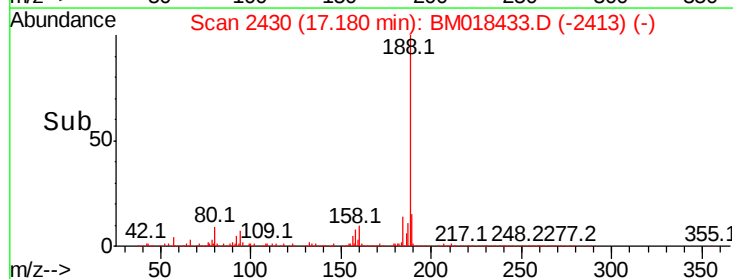
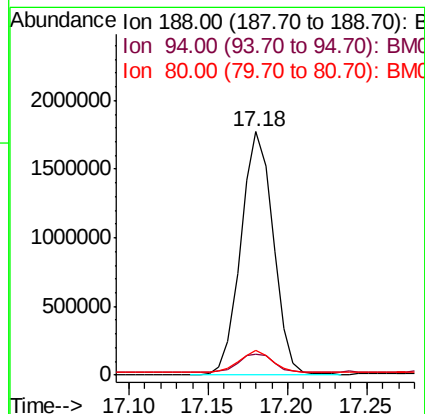
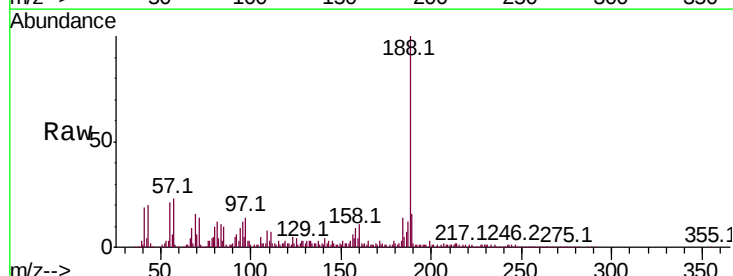
Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.5	18.9	28.3

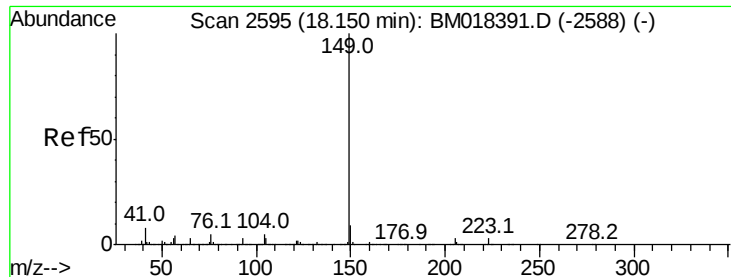


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.18 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BM018433.D
 Acq: 28 Dec 2018 14:09

Tgt Ion:188 Resp: 2489320

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.3	7.6	11.4

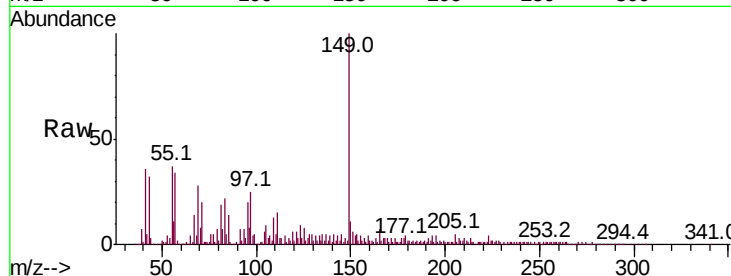




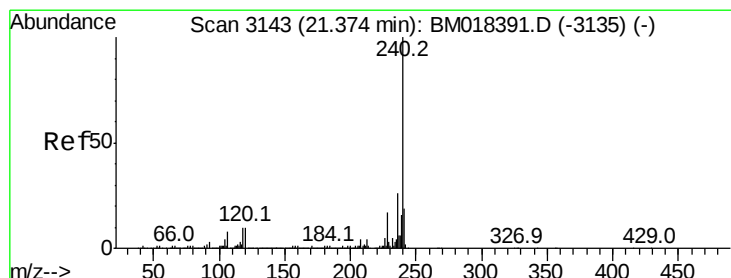
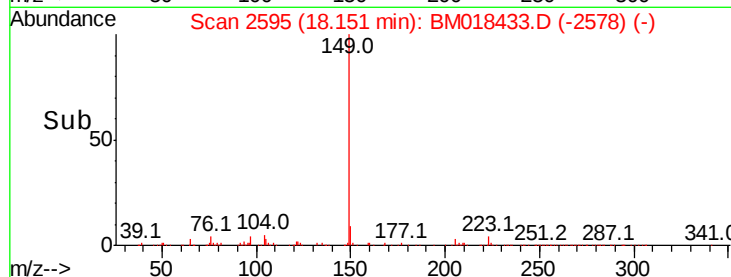
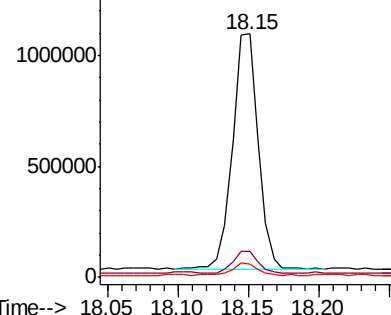
#74
Di-n-butylphthalate
Concen: 8.654 ng
RT: 18.15 min Scan# 2595
Delta R.T. 0.00 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Instrument :
BNA_M
ClientSampleId :
CF-122618-A

Tot Ion:149 Resp: 1356041
Ion Ratio Lower Upper
149 100
150 10.5 7.3 10.9
104 5.6 4.2 6.4

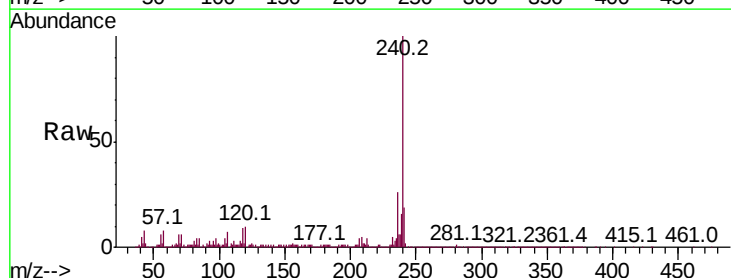


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

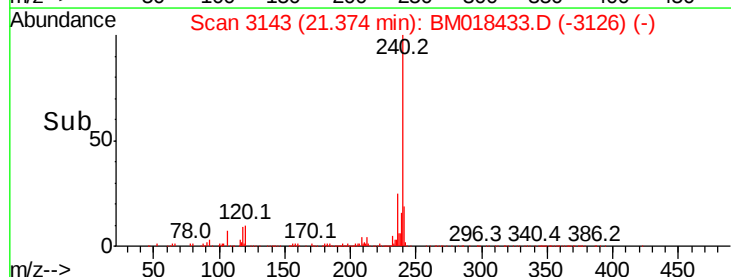
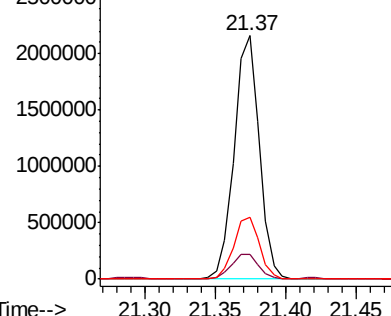


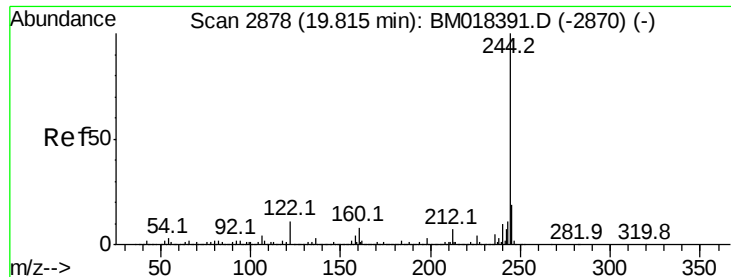
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Tgt Ion:240 Resp: 2691270
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
3000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 44.445 ng

RT: 19.82 min Scan# 2878

Delta R.T. 0.00 min

Lab File: BM018433.D

Acq: 28 Dec 2018 14:09

Instrument :

BNA_M

ClientSampleId :

CF-122618-A

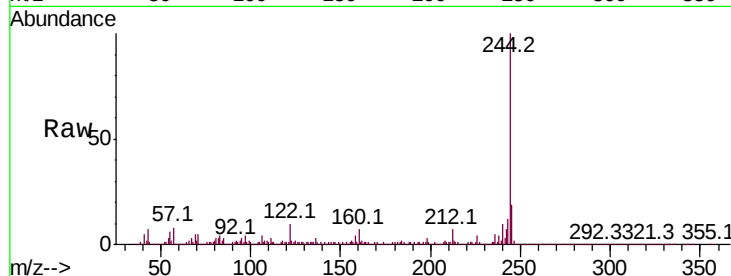
Tot Ion:244 Resp: 5613337

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

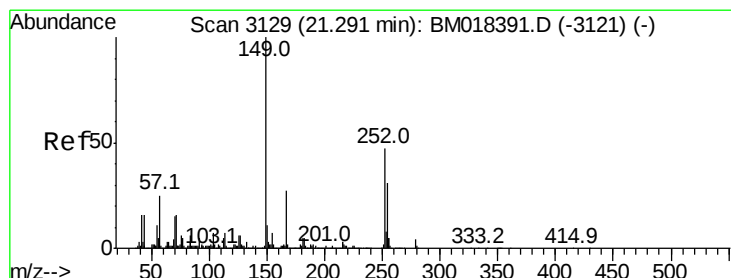
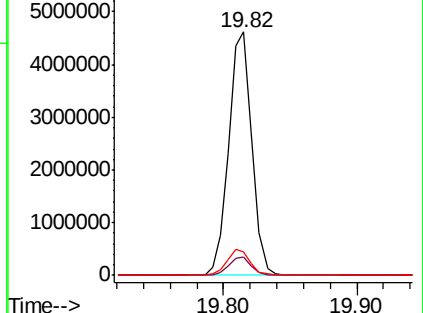
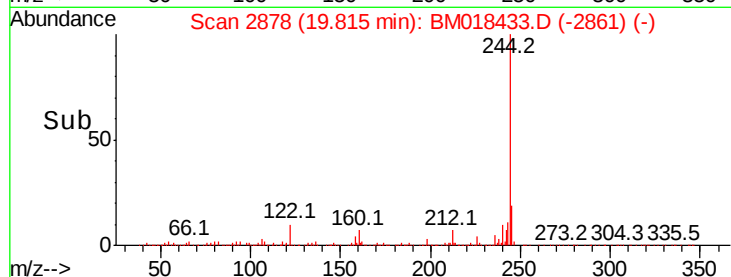
122 9.8 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 123.706 ng

RT: 21.29 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM018433.D

Acq: 28 Dec 2018 14:09

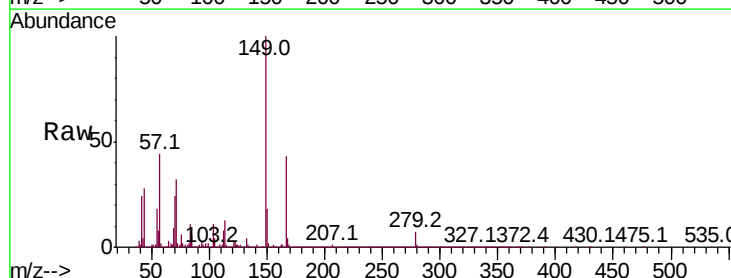
Tgt Ion:149 Resp:13027404

Ion Ratio Lower Upper

149 100

167 43.4 21.6 32.4#

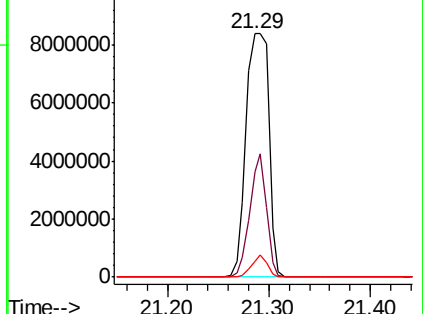
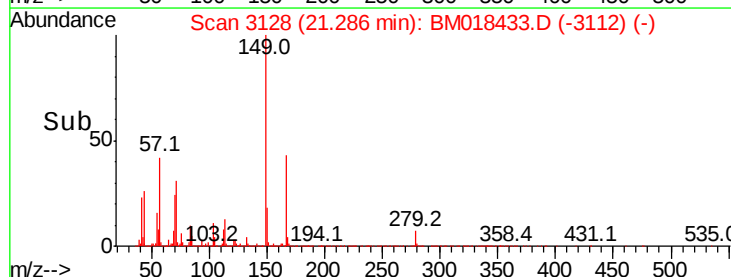
279 6.6 3.3 4.9#

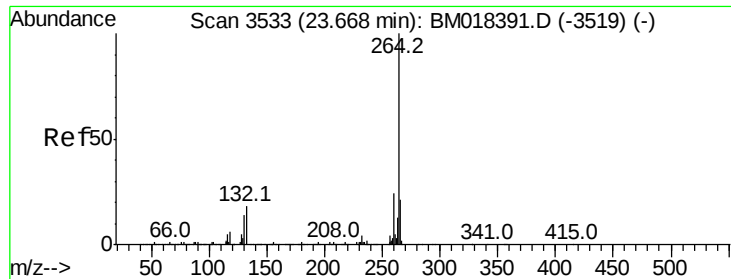


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BM018433.D
Acq: 28 Dec 2018 14:09

Instrument :
BNA_M
ClientSampleId :
CF-122618-A

Tot Ion:264 Resp: 2370158

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.6	16.8	25.2

