

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM053119\
 Data File : BM020636.D
 Acq On : 31 May 2019 18:22
 Operator : JU/SJ
 Sample : K3065-08DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-14-11-12.0DL

Quant Time: Jun 01 03:54:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

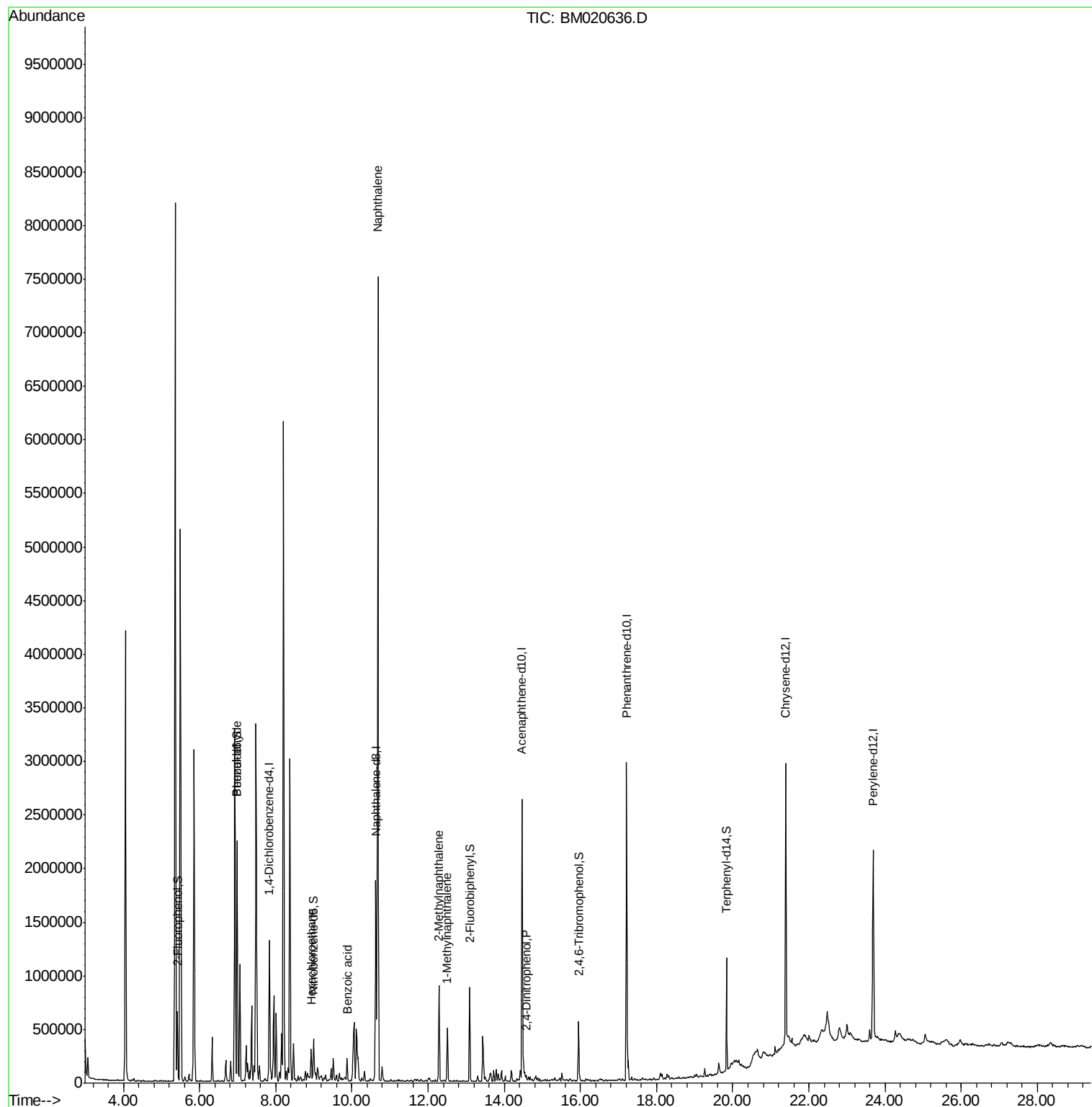
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	338631	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	1508217	20.00	ng	0.00
39) Acenaphthene-d10	14.47	164	840512	20.00	ng	0.00
64) Phenanthrene-d10	17.22	188	1602881	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1103955	20.00	ng	0.00
87) Perylene-d12	23.69	264	1253851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	257848	13.39	ng	0.00
7) Phenol-d6	6.99	99	377126	13.30	ng	0.00
23) Nitrobenzene-d5	8.99	82	210681	7.24	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	94026	9.03	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	417420	6.60	ng	0.00
79) Terphenyl-d14	19.84	244	444848	6.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.98	77	118066	3.608	ng	Qvalue # 1
18) Hexachloroethane	8.93	117	38248	3.570	ng	# 1
31) Naphthalene	10.68	128	6073682	78.312	ng	99
32) Benzoic acid	9.87	122	145	5.144	ng	# 1
37) 2-Methylnaphthalene	12.29	142	402154	6.995	ng	99
38) 1-Methylnaphthalene	12.51	142	221671	4.050	ng	98
54) 2,4-Dinitrophenol	14.57	184	315	7.305	ng	# 15

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM053119\
Data File : BM020636.D
Acq On : 31 May 2019 18:22
Operator : JU/SJ
Sample : K3065-08DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Quant Time: Jun 01 03:54:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration



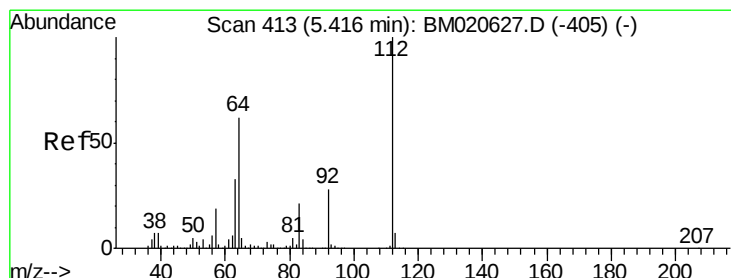
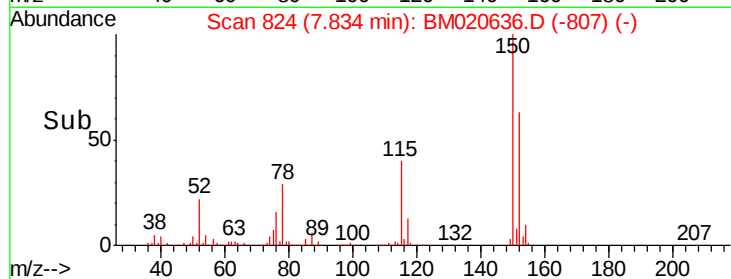
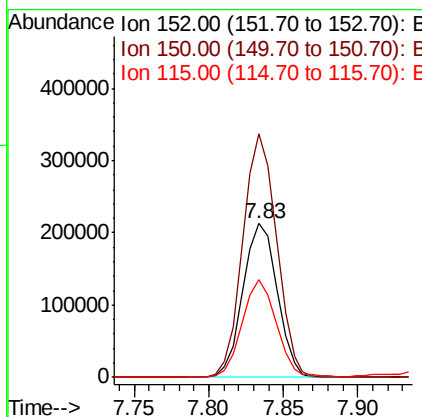
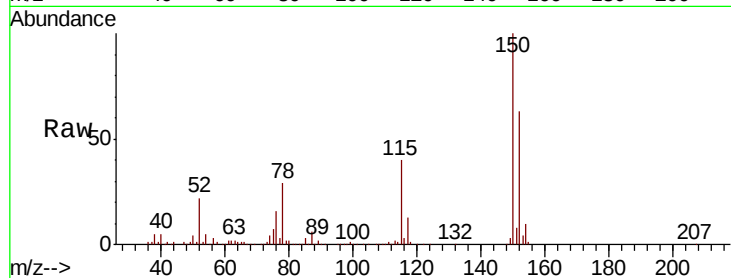


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

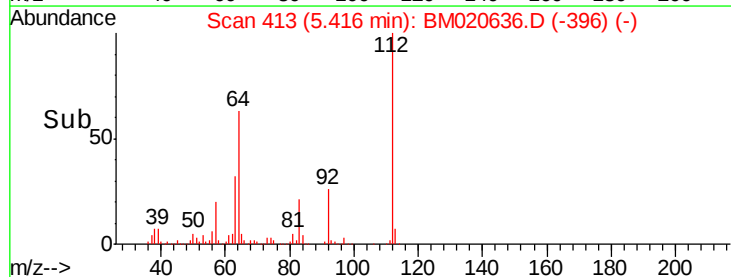
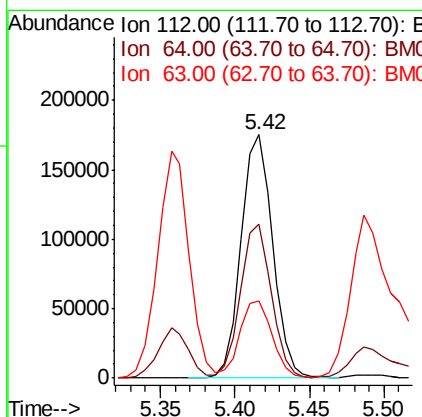
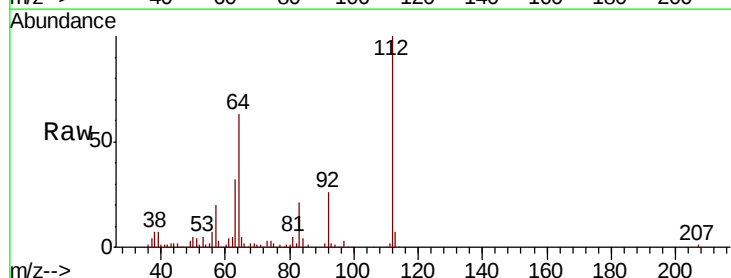
Tgt Ion:152 Resp: 338631
Ion Ratio Lower Upper
152 100
150 158.2 126.0 189.0
115 63.1 49.6 74.4

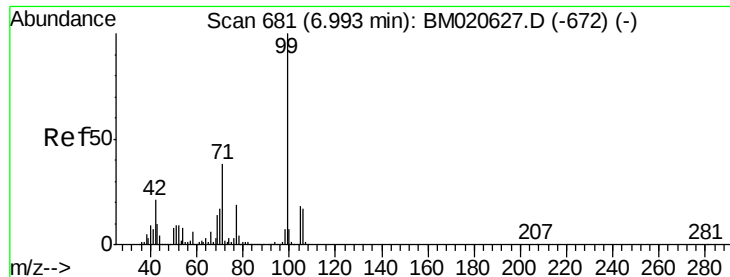


#5

2-Fluorophenol
Concen: 13.394 ng
RT: 5.42 min Scan# 413
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:112 Resp: 257848
Ion Ratio Lower Upper
112 100
64 63.2 49.7 74.5
63 31.9 26.4 39.6





#7

Phenol-d6

Concen: 13.304 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Instrument :

BNA_M

ClientSampleId :

B-14-11-12.0DL

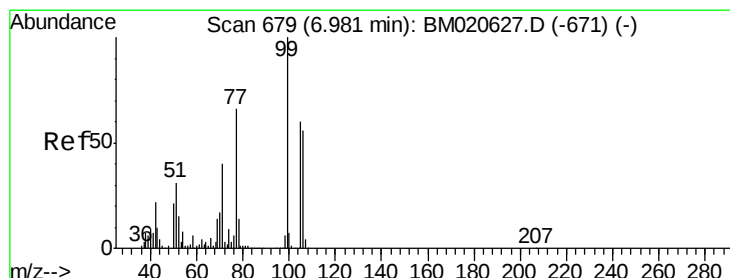
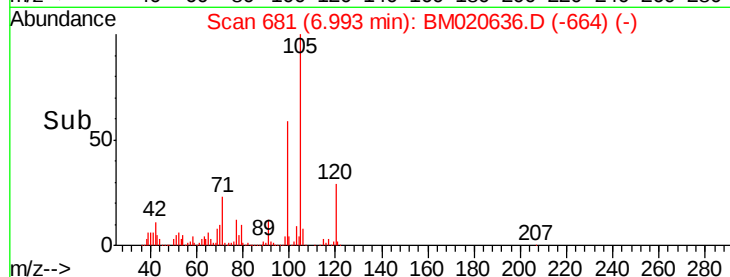
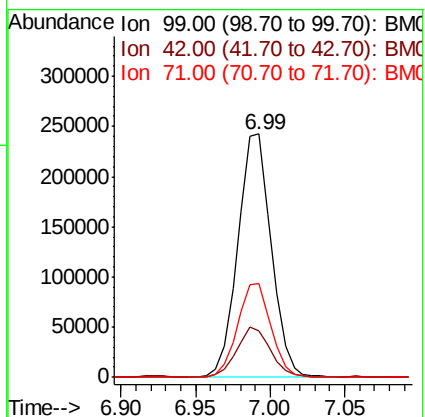
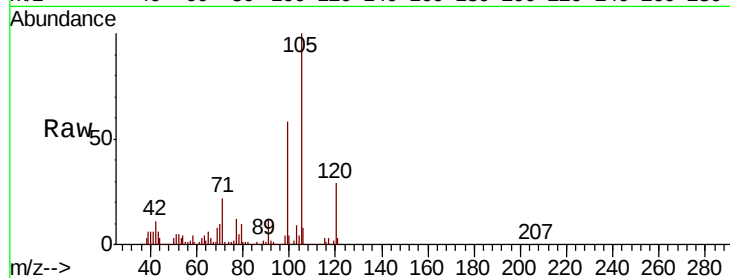
Tgt Ion: 99 Resp: 377126

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 38.5 30.7 46.1



#9

Benzaldehyde

Concen: 3.608 ng

RT: 6.98 min Scan# 679

Delta R.T. 0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

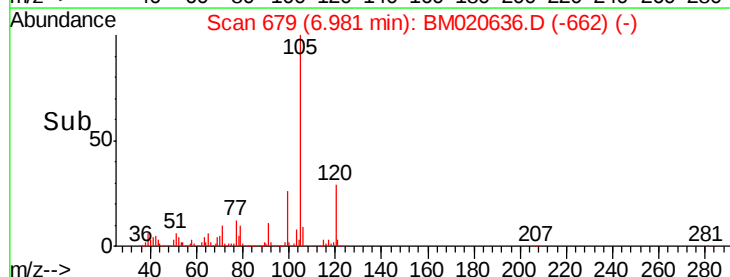
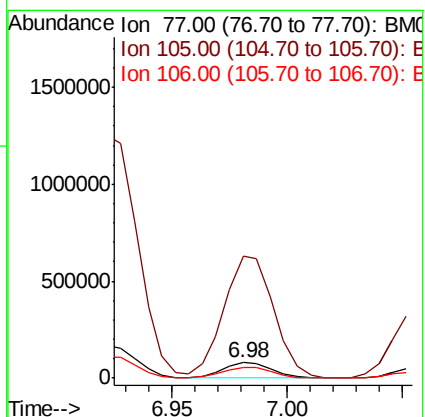
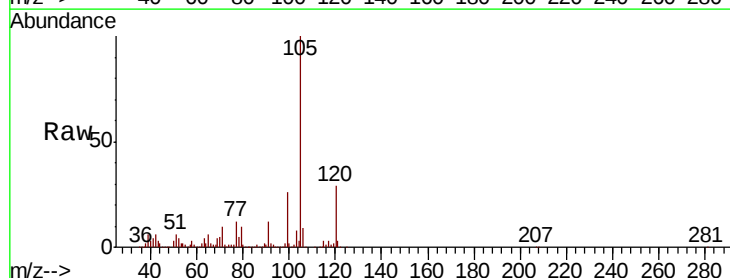
Tgt Ion: 77 Resp: 118066

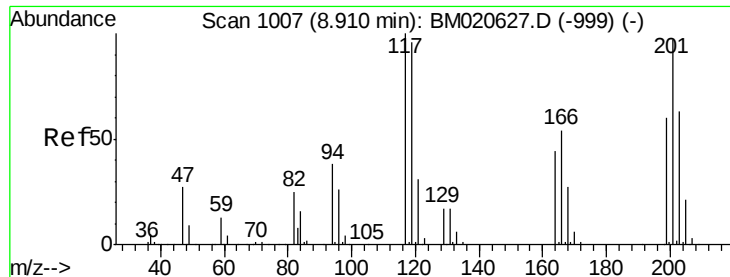
Ion Ratio Lower Upper

77 100

105 807.4 70.6 110.6#

106 72.7 64.9 104.9

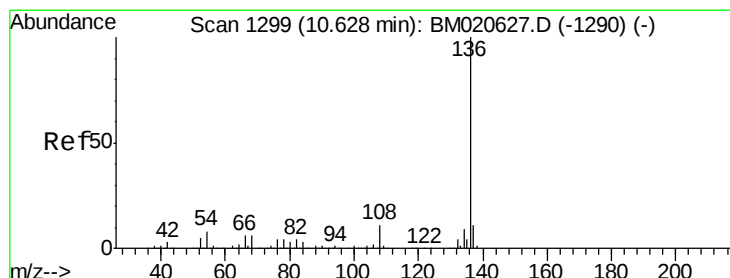
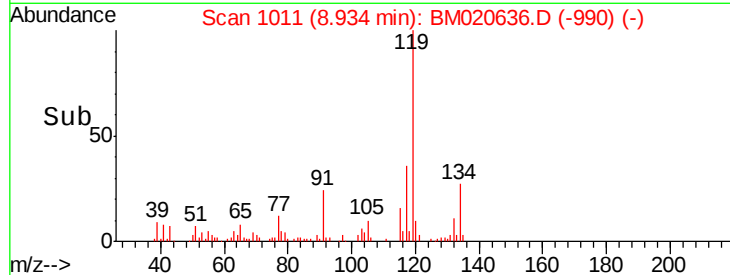
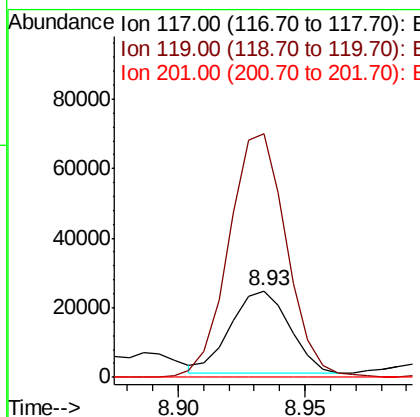
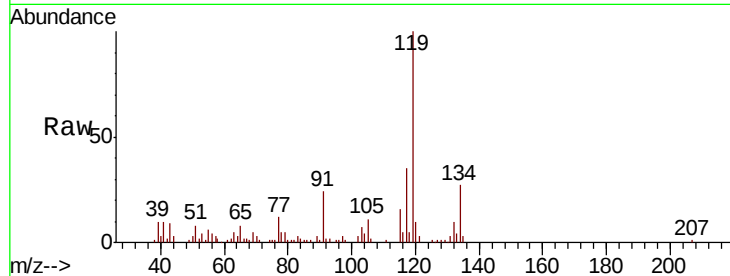




#18
 Hexachloroethane
 Concen: 3.570 ng
 RT: 8.93 min Scan# 1011
 Delta R.T. 0.02 min
 Lab File: BM020636.D
 Acq: 31 May 2019 18:22

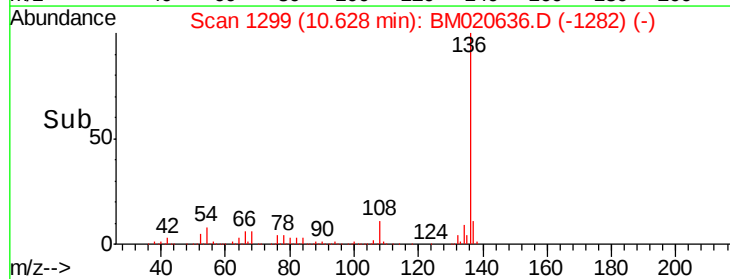
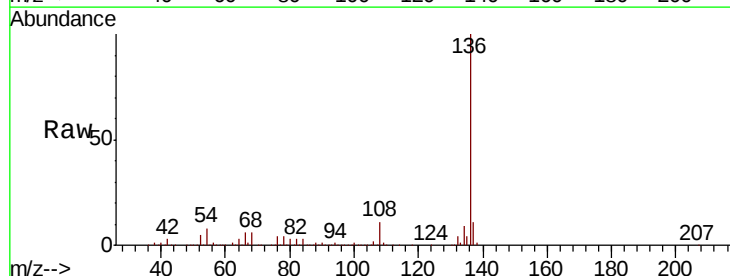
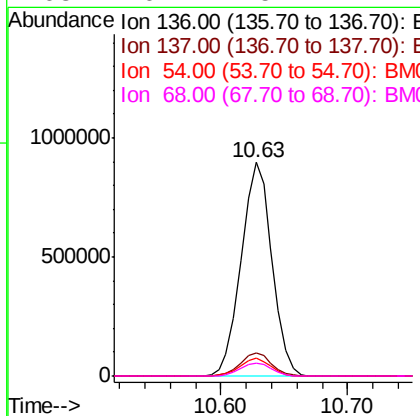
Instrument :
 BNA_M
 ClientSampleId :
 B-14-11-12.0DL

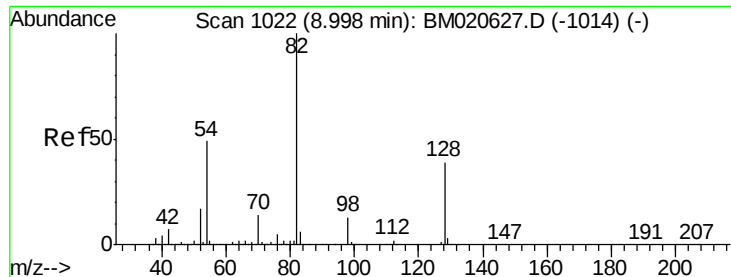
Tgt Ion:117 Resp: 38248
 Ion Ratio Lower Upper
 117 100
 119 282.5 76.7 115.1#
 201 0.0 77.9 116.9#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.63 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM020636.D
 Acq: 31 May 2019 18:22

Tgt Ion:136 Resp: 1508217
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.8 13.2
 54 8.2 6.6 10.0
 68 6.2 5.1 7.7

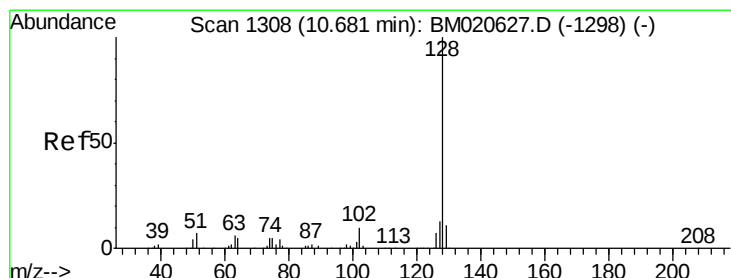
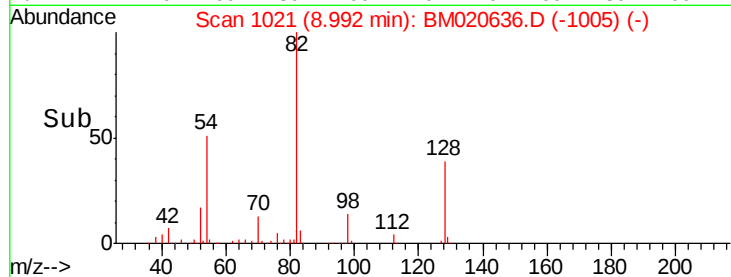
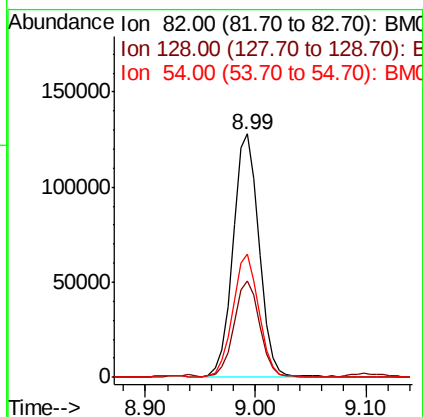
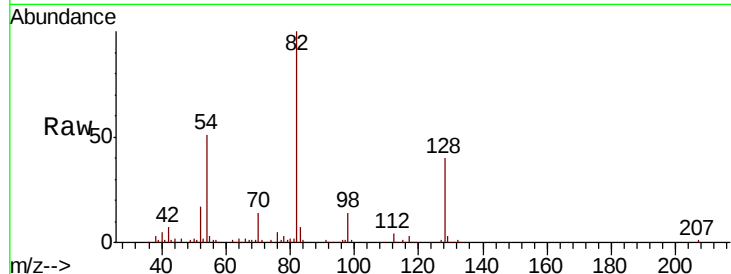




#23
Nitrobenzene-d5
Concen: 7.238 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

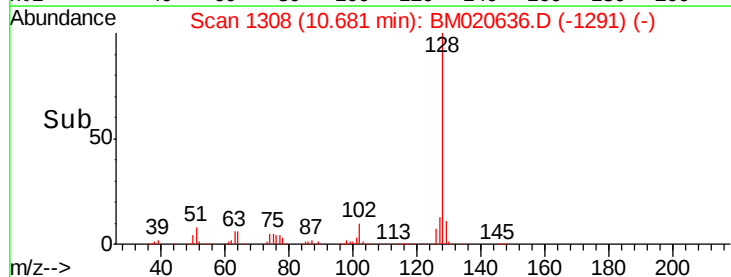
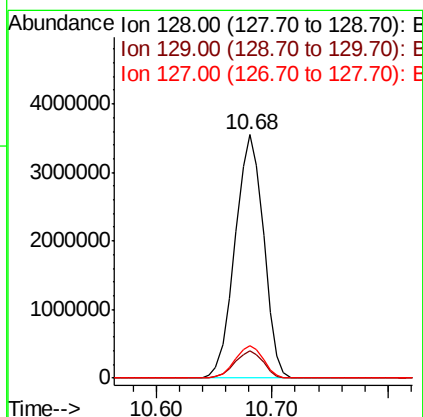
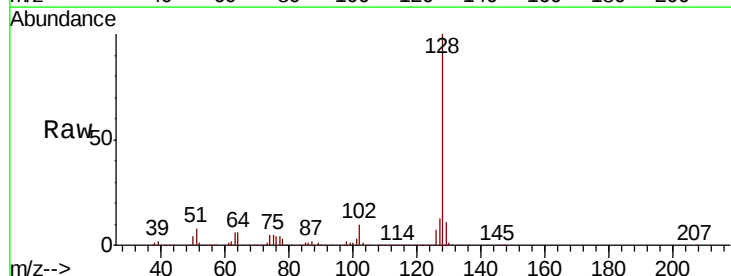
Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

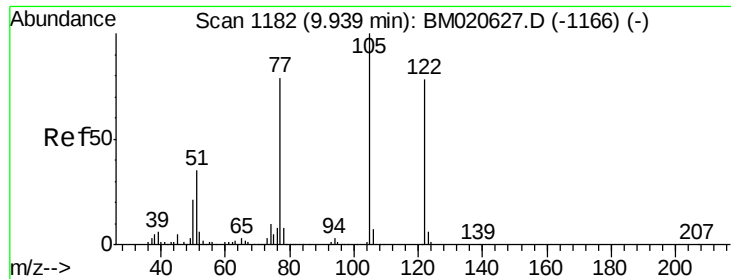
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.6	31.5	47.3
54	50.8	39.4	59.0



#31
Naphthalene
Concen: 78.312 ng
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.4	10.3	15.5

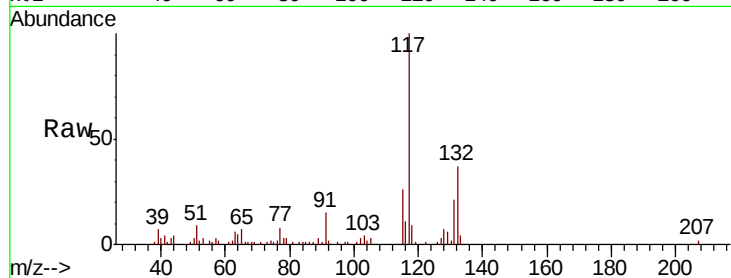




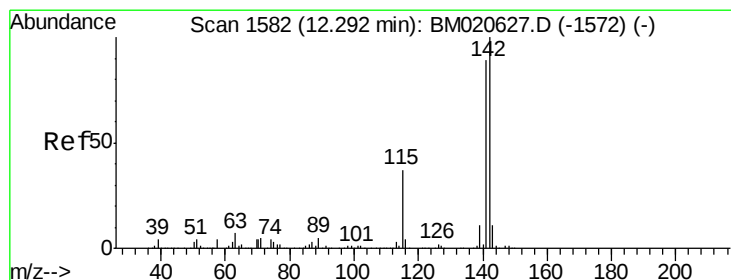
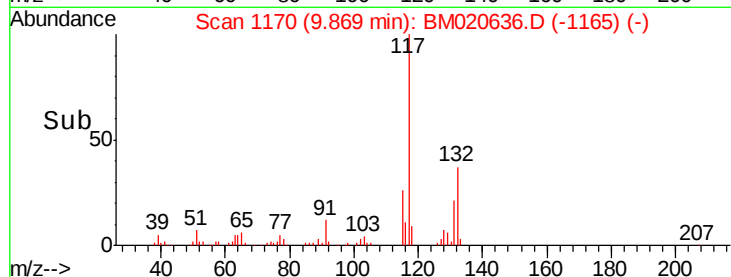
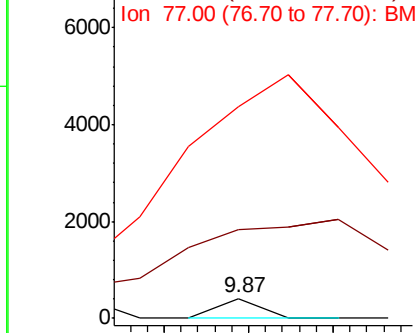
#32
Benzoic acid
Concen: 5.144 ng
RT: 9.87 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 444.4 107.0 147.0#
77 1061.2 80.9 120.9#

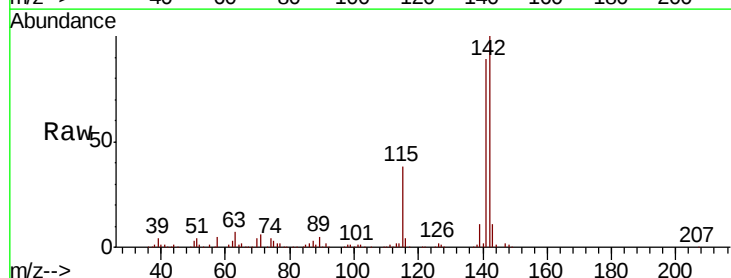


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

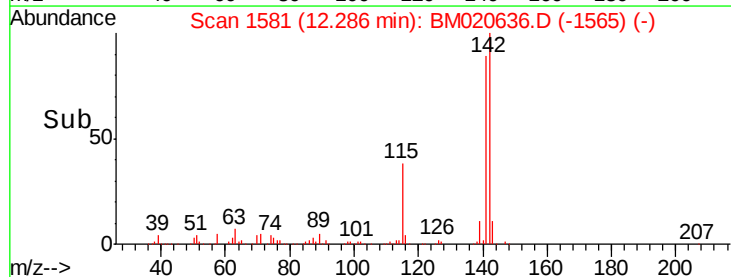
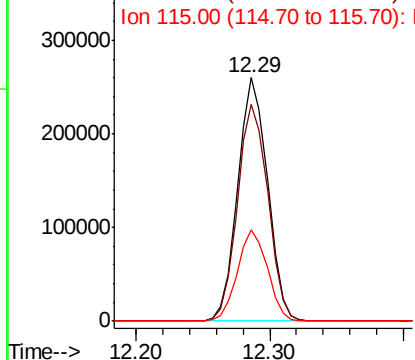


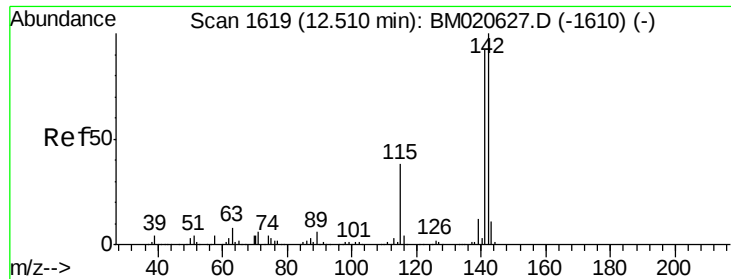
#37
2-Methylnaphthalene
Concen: 6.995 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:142 Resp: 402154
Ion Ratio Lower Upper
142 100
141 88.8 71.6 107.4
115 37.7 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

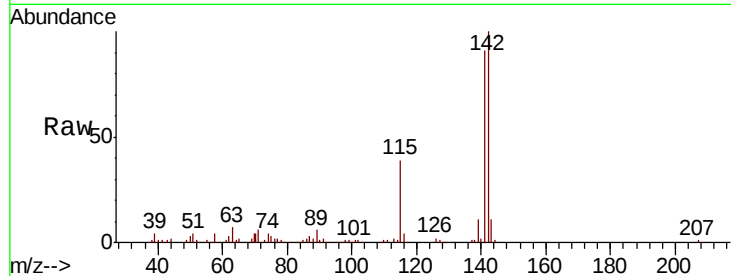




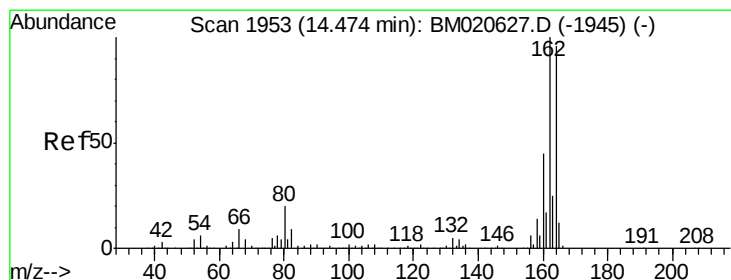
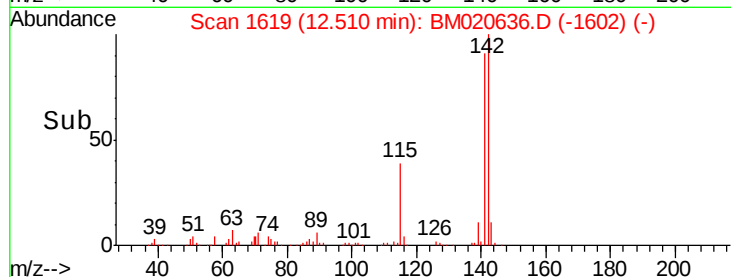
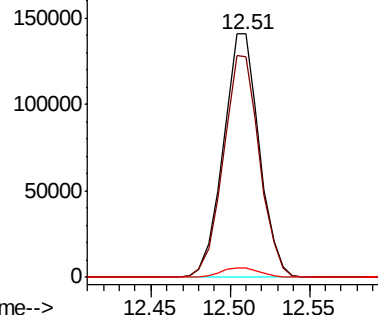
#38
1-Methylnaphthalene
Concen: 4.050 ng
RT: 12.51 min Scan# 1619
Delta R.T. 0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:142 Resp: 221671
Ion Ratio Lower Upper
142 100
141 90.7 73.9 110.9
116 3.7 3.2 4.8

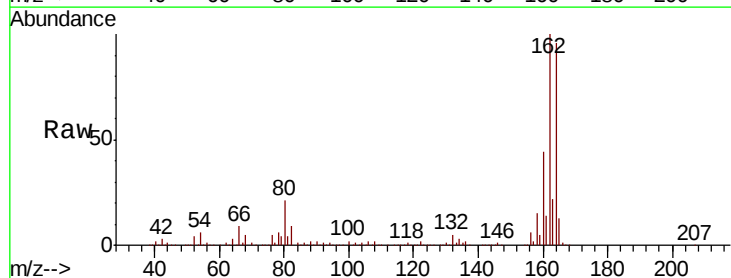


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

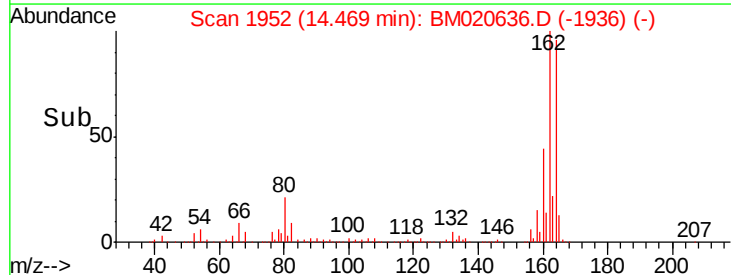
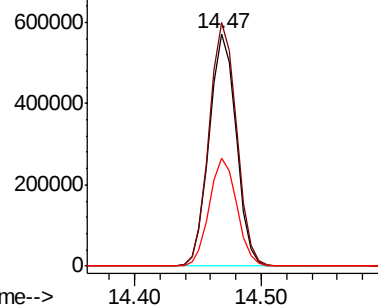


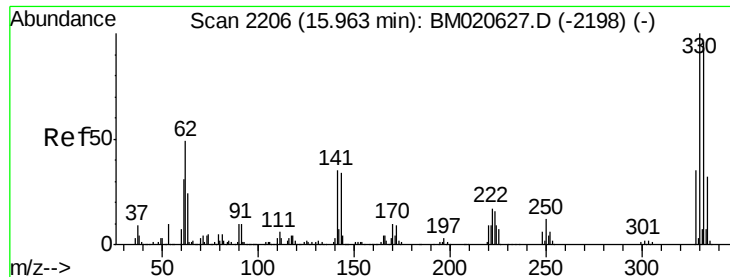
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:164 Resp: 840512
Ion Ratio Lower Upper
164 100
162 104.7 83.2 124.8
160 46.3 37.5 56.3



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: 9.029 ng

RT: 15.96 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

Instrument :

BNA_M

ClientSampleId :

B-14-11-12.0DL

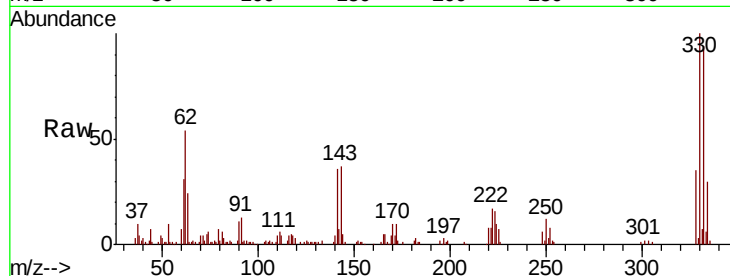
Tgt Ion:330 Resp: 94026

Ion Ratio Lower Upper

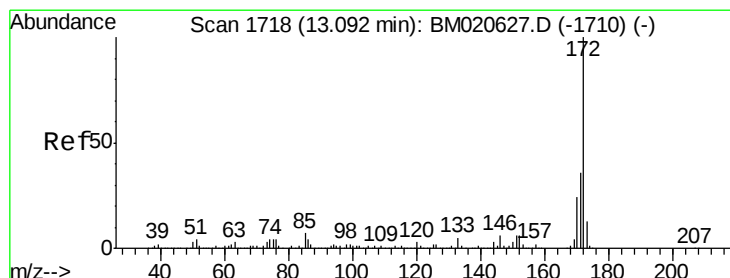
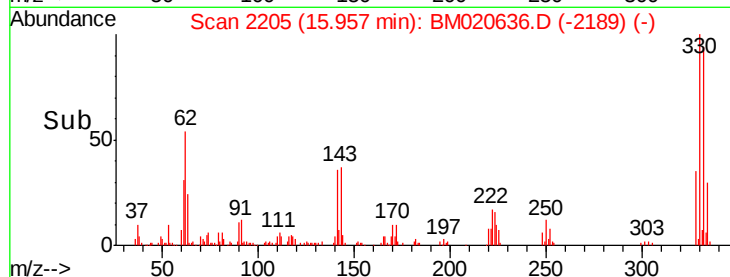
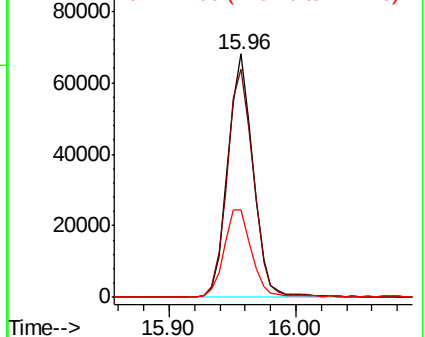
330 100

332 97.1 77.4 116.0

141 39.1 30.4 45.6



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: 6.602 ng

RT: 13.09 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM020636.D

Acq: 31 May 2019 18:22

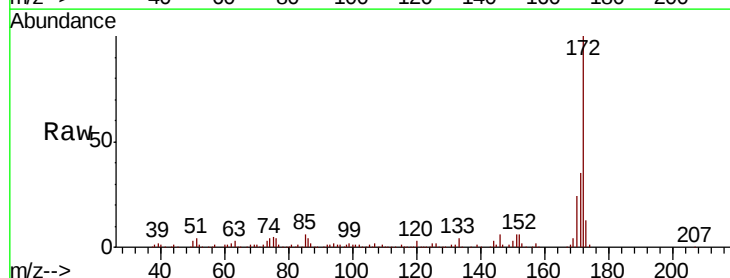
Tgt Ion:172 Resp: 417420

Ion Ratio Lower Upper

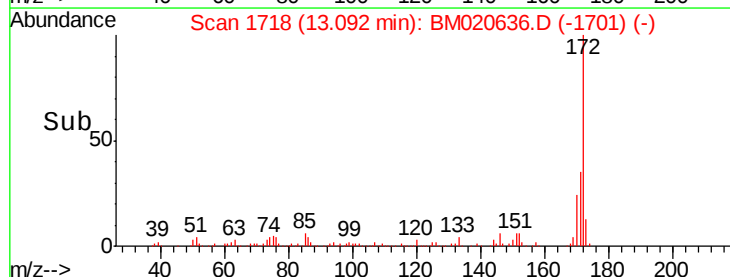
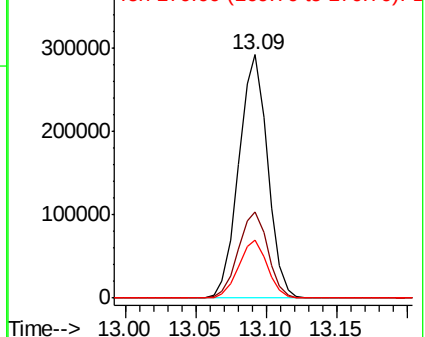
172 100

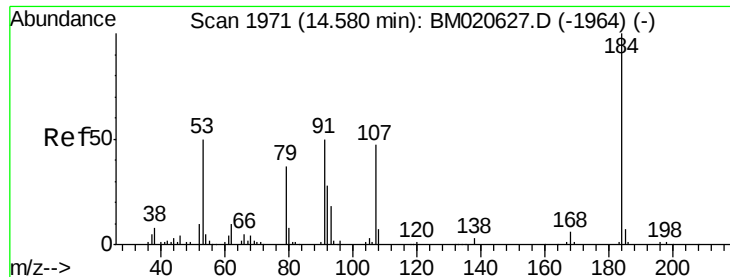
171 35.1 28.6 43.0

170 23.9 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

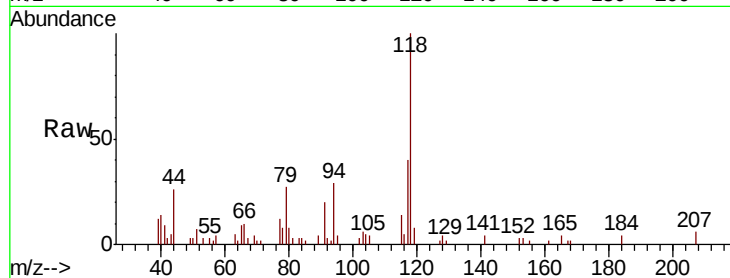




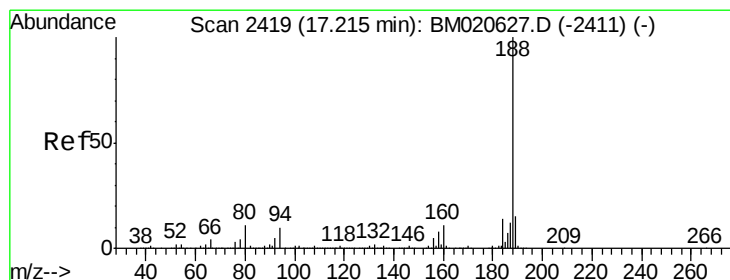
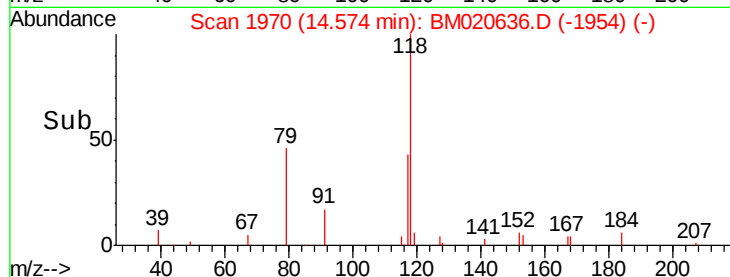
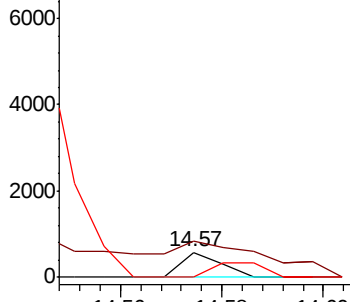
#54
2,4-Dinitrophenol
Concen: 7.305 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:184 Resp: 315
Ion Ratio Lower Upper
184 100
63 145.9 59.3 88.9#
154 0.0 56.5 84.7#

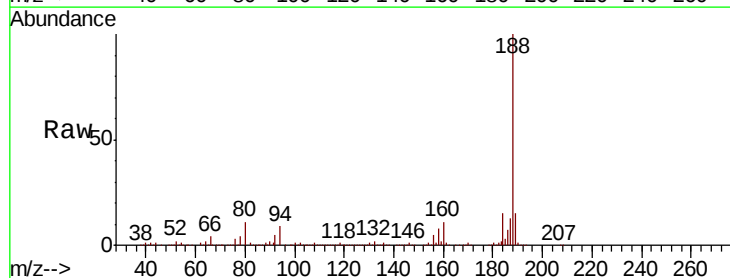


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

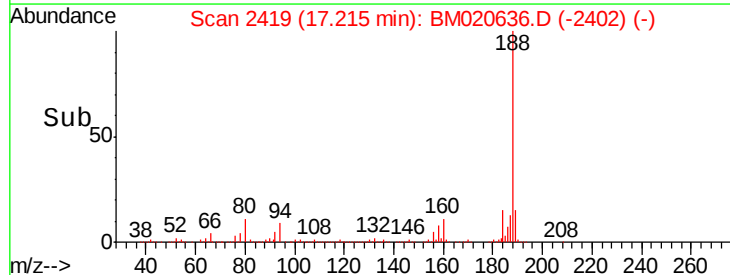
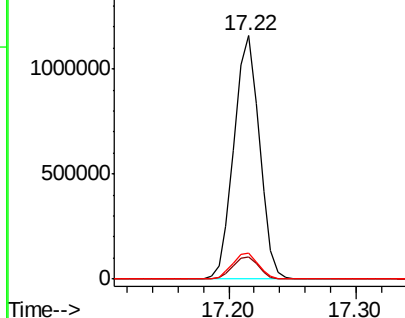


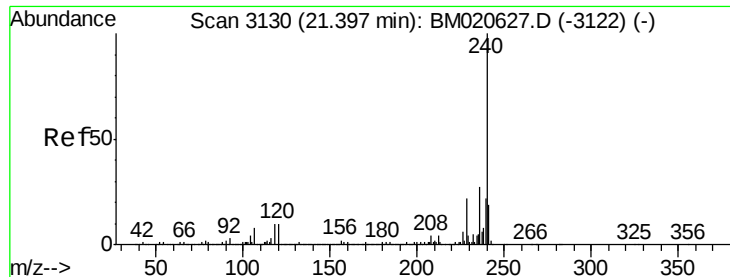
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:188 Resp: 1602881
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 10.8 9.0 13.6



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

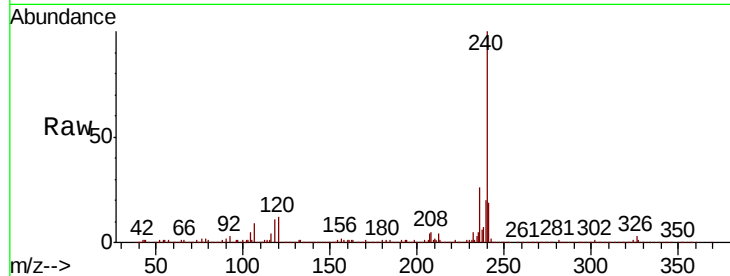




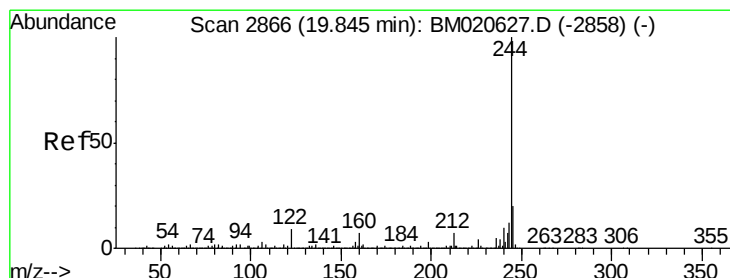
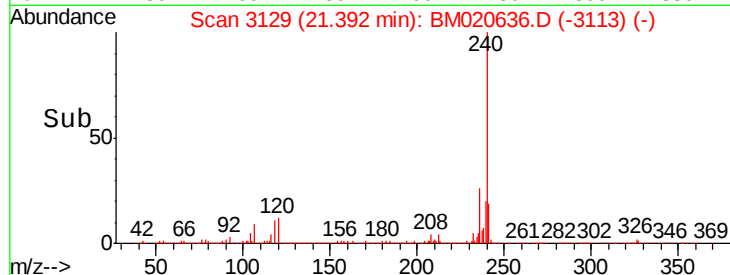
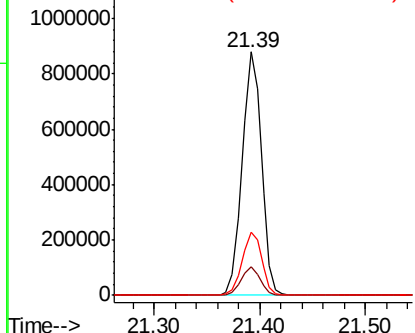
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion:240 Resp: 1103955
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 26.0 21.2 31.8

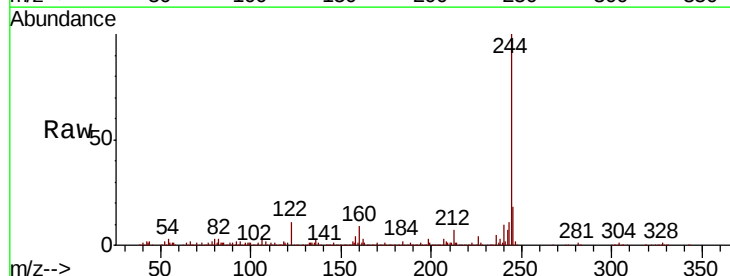


Abundance Ion 240.00 (239.70 to 240.70): E
1200000 Ion 120.00 (119.70 to 120.70): E
1000000 Ion 236.00 (235.70 to 236.70): E

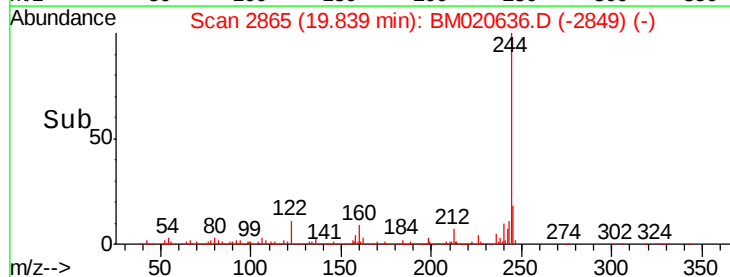
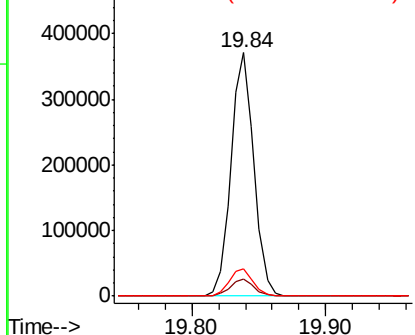


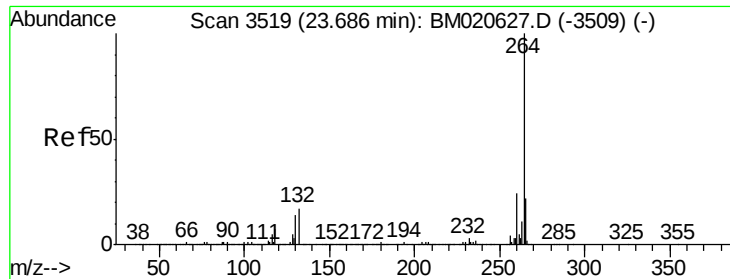
#79
Terphenyl-d14
Concen: 6.740 ng
RT: 19.84 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Tgt Ion:244 Resp: 444848
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.3 7.2 10.8#



Abundance Ion 244.00 (243.70 to 244.70): E
500000 Ion 212.00 (211.70 to 212.70): E
400000 Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.69 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM020636.D
Acq: 31 May 2019 18:22

Instrument :
BNA_M
ClientSampleId :
B-14-11-12.0DL

Tgt Ion: 264 Resp: 1253851

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	17.6	26.4

