

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020123.D
 Acq On : 03 May 2019 21:52
 Operator : JU/SJ
 Sample : K2635-07 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 23:57:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

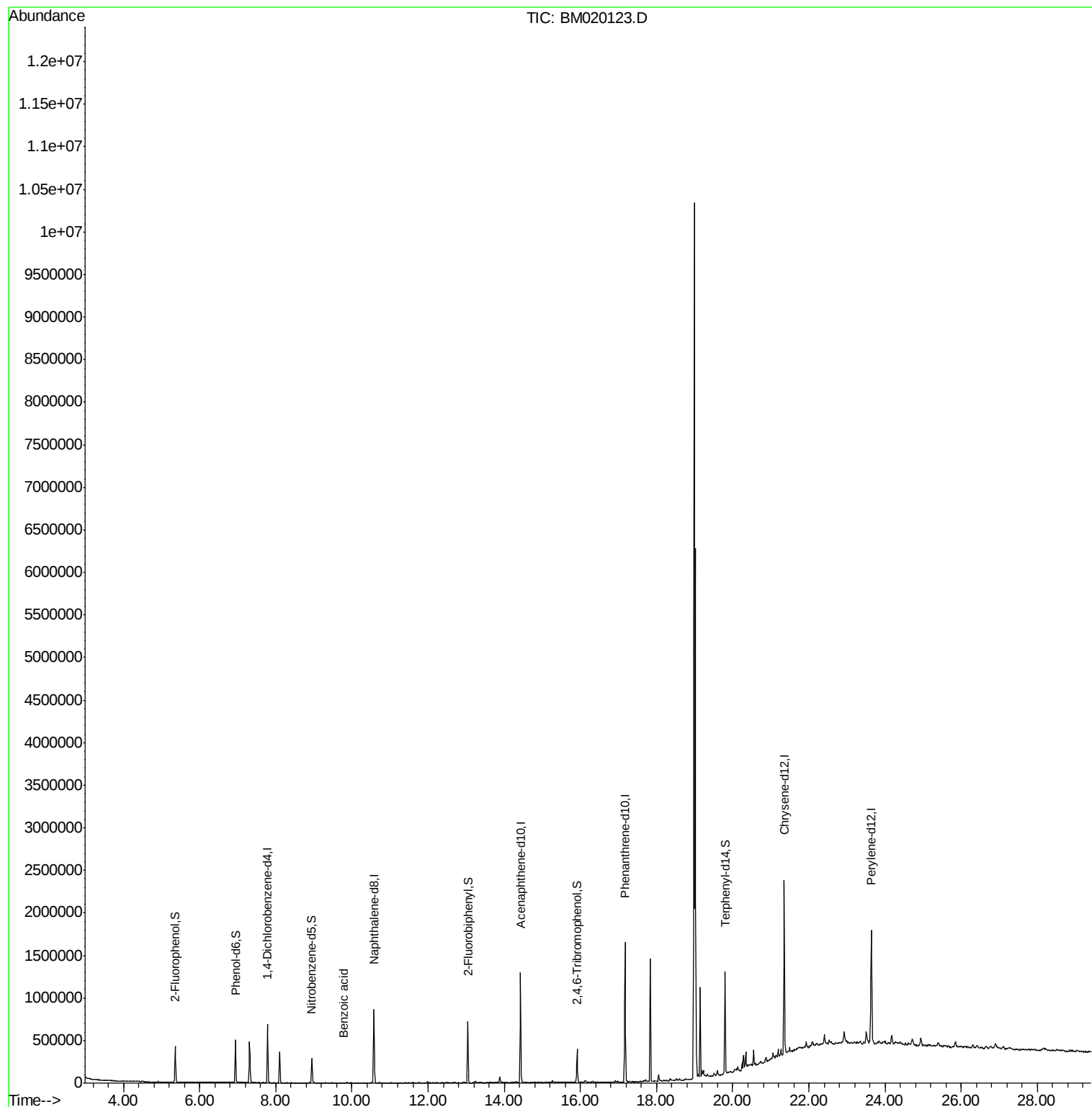
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	165101	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	646999	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	400261	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	925630	20.00	ng	0.00
76) Chrysene-d12	21.36	240	893223	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1024128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	155181	15.36	ng	-0.01
7) Phenol-d6	6.94	99	247807	17.96	ng	-0.01
23) Nitrobenzene-d5	8.95	82	175295	10.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	67049	10.79	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	355107	10.92	ng	-0.01
79) Terphenyl-d14	19.80	244	520521	10.16	ng	-0.01
Target Compounds						
32) Benzoic acid	9.79	122	109	6.626	ng	Qvalue # 32

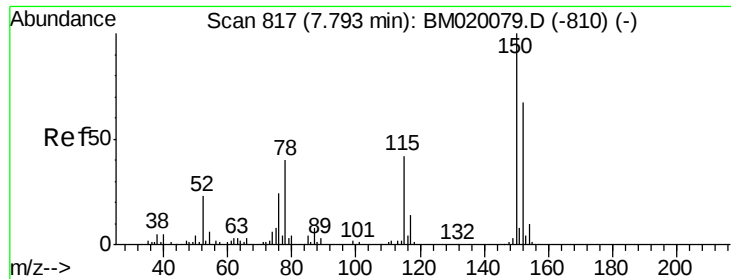
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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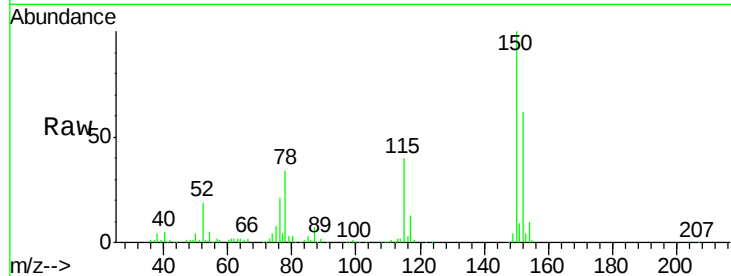


#1

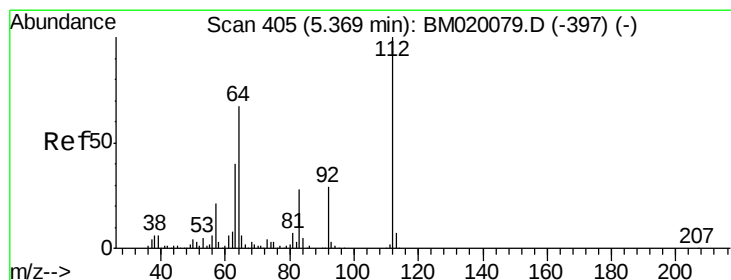
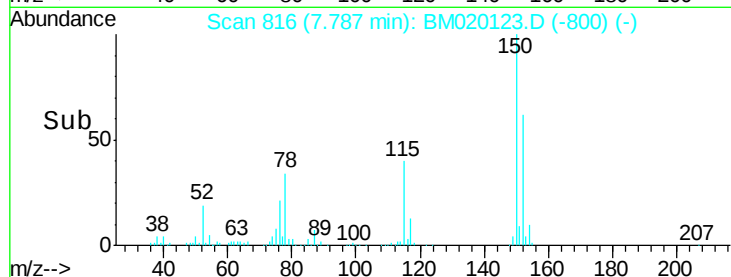
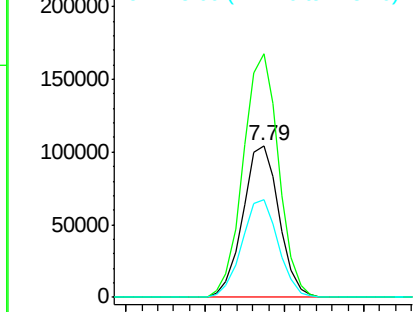
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	119.8	179.8
115	64.3	50.8	76.2



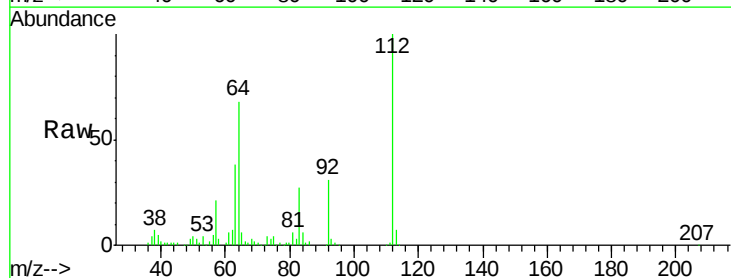
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



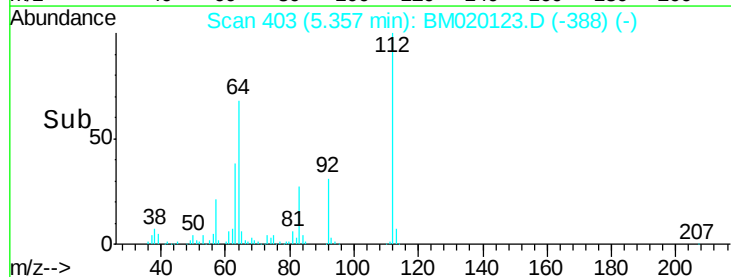
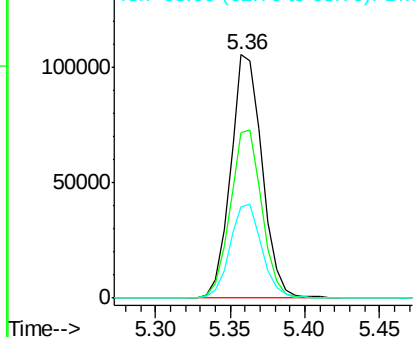
#5

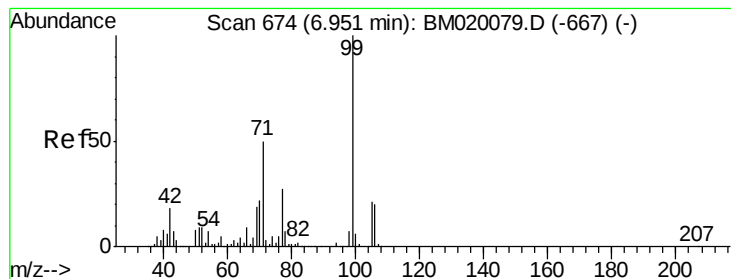
2-Fluorophenol
Concen: 15.364 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.8	80.6
63	37.5	32.3	48.5



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: 17.959 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020123.D

Acq: 03 May 2019 21:52

Instrument :

BNA_M

ClientSampled :

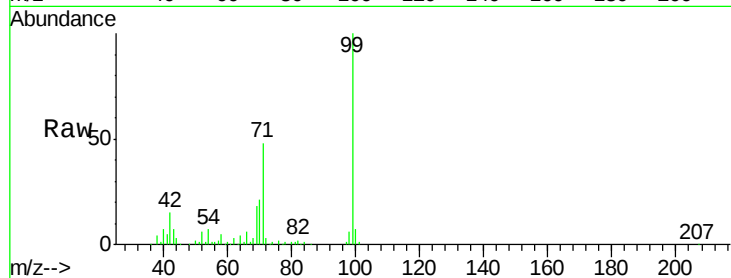
Tot Ion: 99 Resp: 247807

Ion Ratio Lower Upper

99 100

42 15.3 14.2 21.2

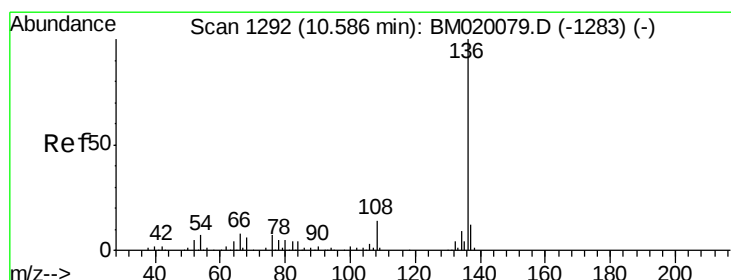
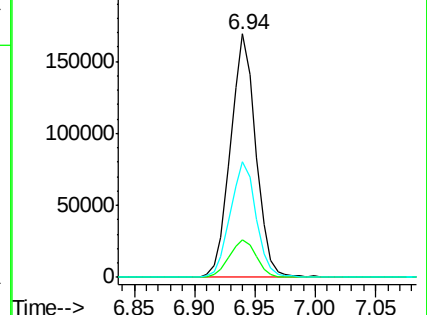
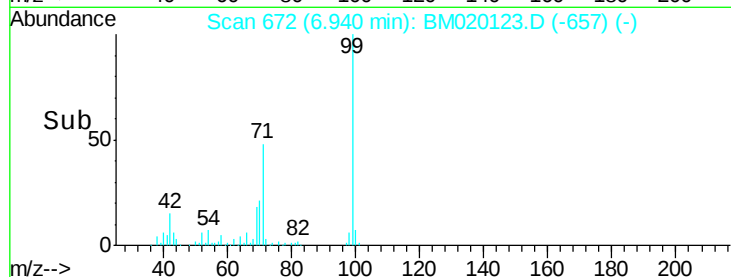
71 47.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BM020123.D

Acq: 03 May 2019 21:52

Tgt Ion: 136 Resp: 646999

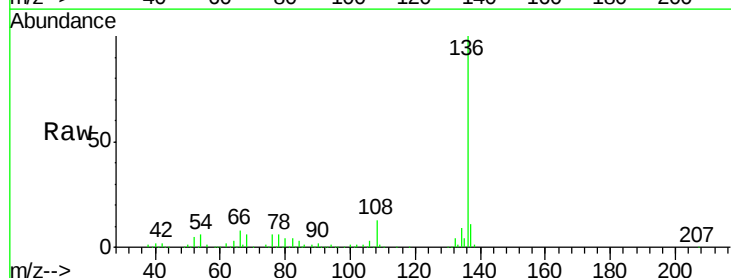
Ion Ratio Lower Upper

136 100

137 10.8 9.6 14.4

54 6.5 5.5 8.3

68 5.9 4.6 6.8

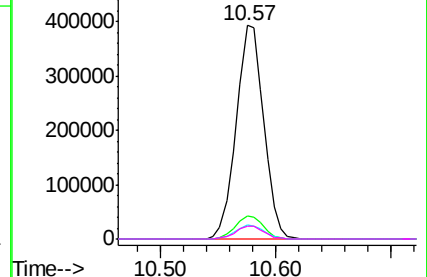
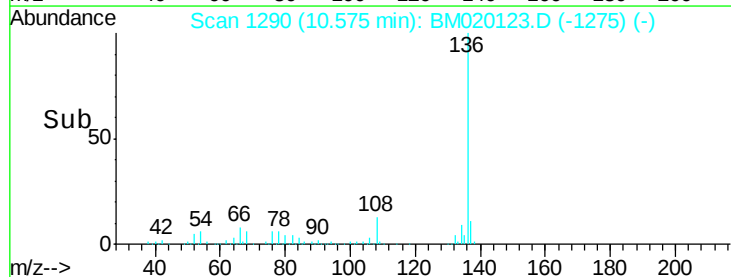


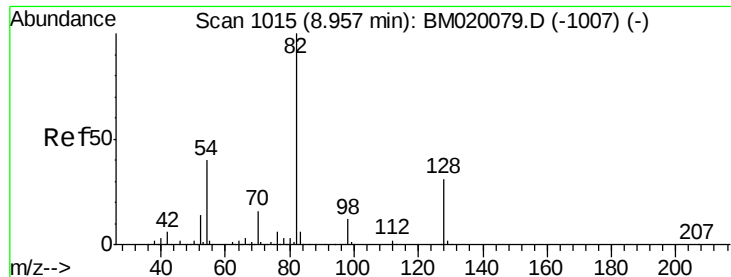
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

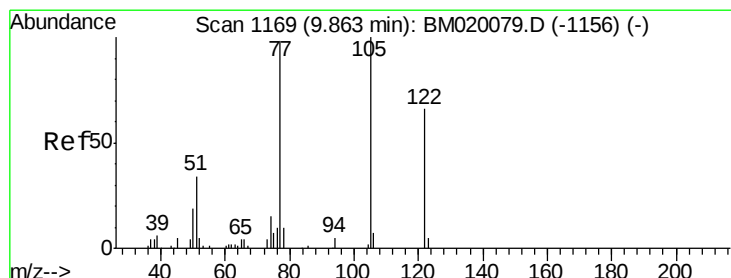
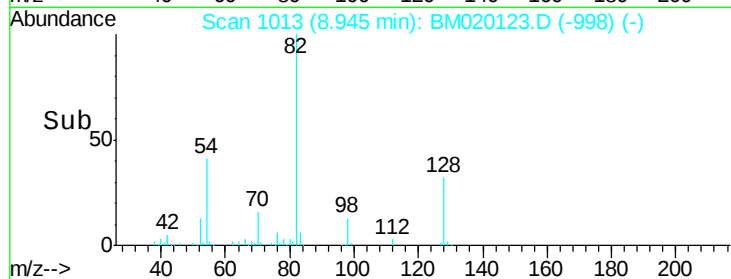
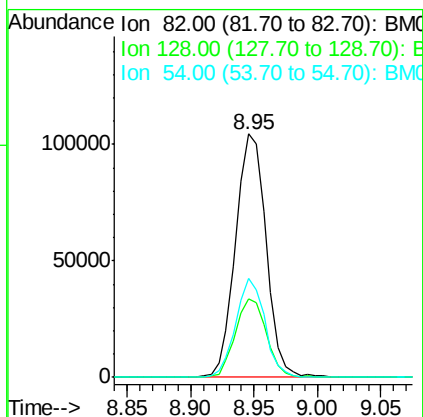
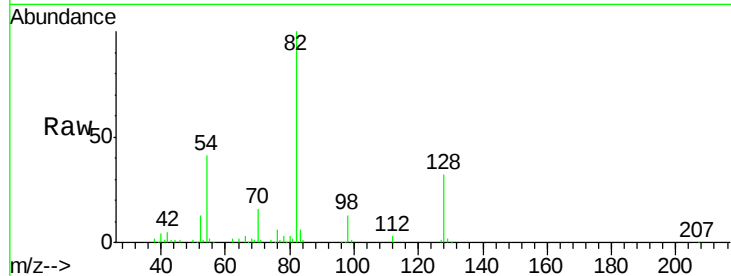




#23
Nitrobenzene-d5
Concen: 10.697 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

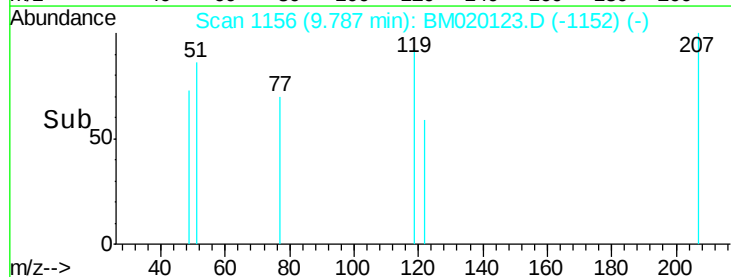
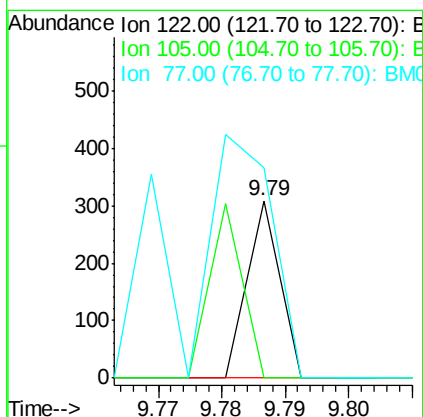
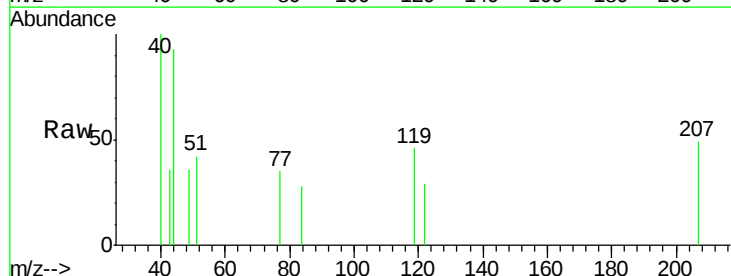
Instrument :
BNA_M
ClientSampleId :

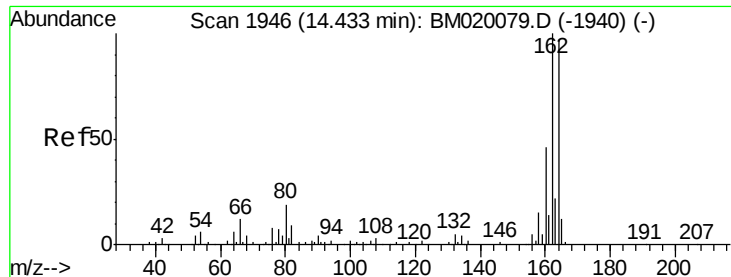
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.2	25.2	37.8
54	40.8	31.9	47.9



#32
Benzoic acid
Concen: 6.626 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.08 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	122.5	162.5#
77	118.8	123.3	163.3#

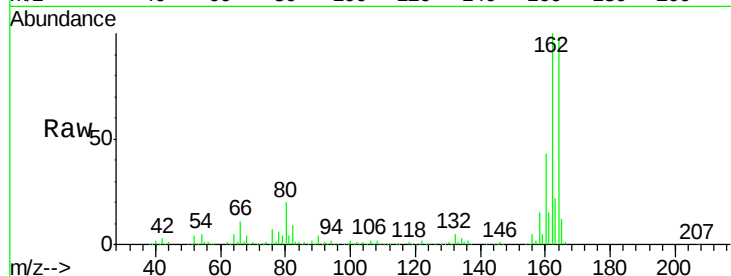




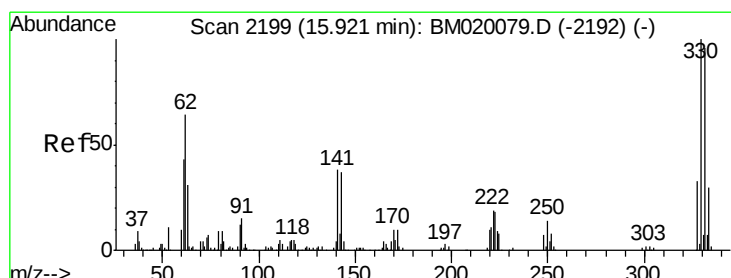
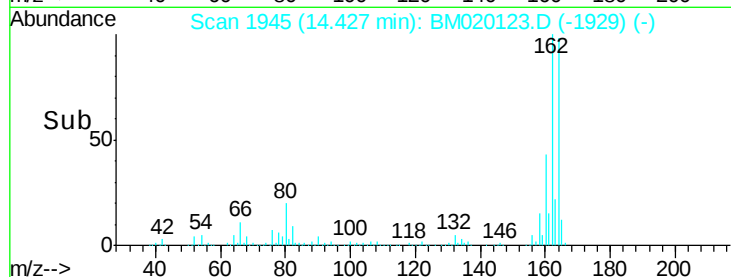
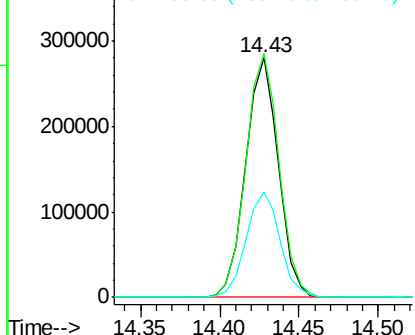
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 400261
Ion Ratio Lower Upper
164 100
162 101.7 82.2 123.2
160 44.1 37.6 56.4

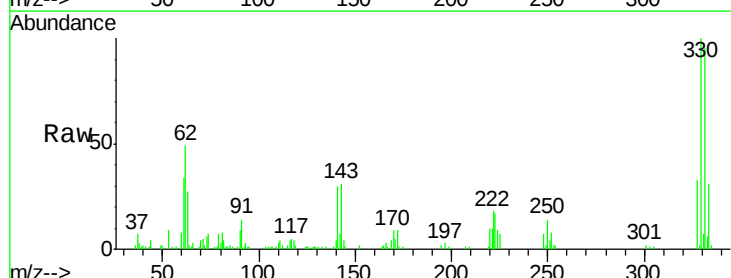


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

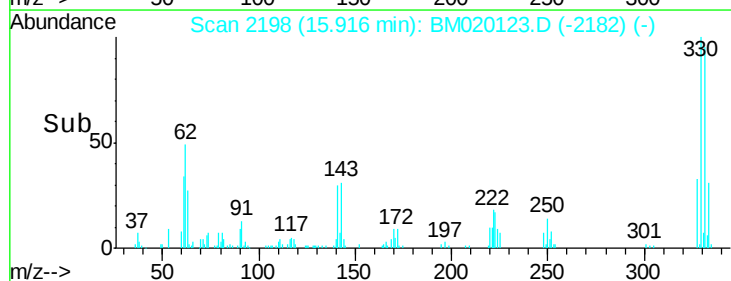
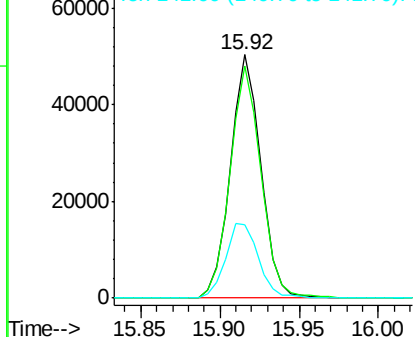


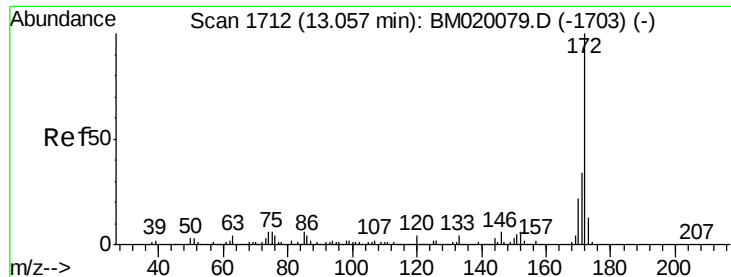
#42
2,4,6-Tribromophenol
Concen: 10.792 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:330 Resp: 67049
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 33.2 29.2 43.8



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

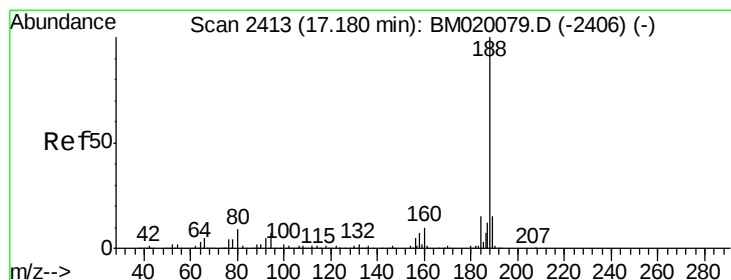
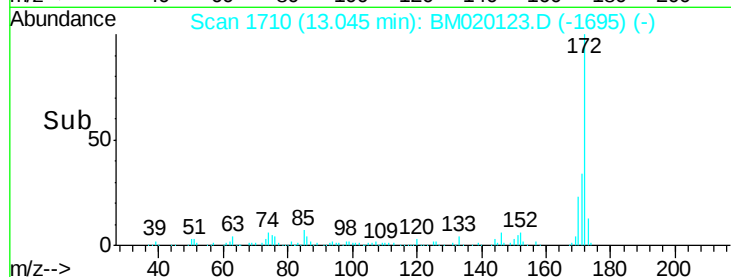
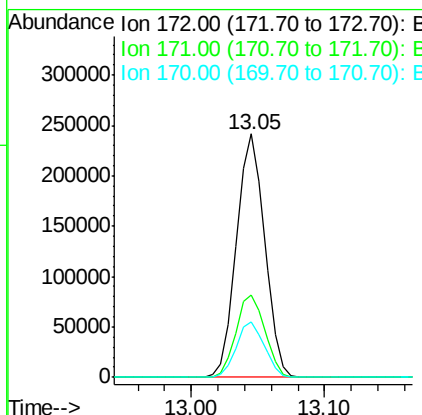
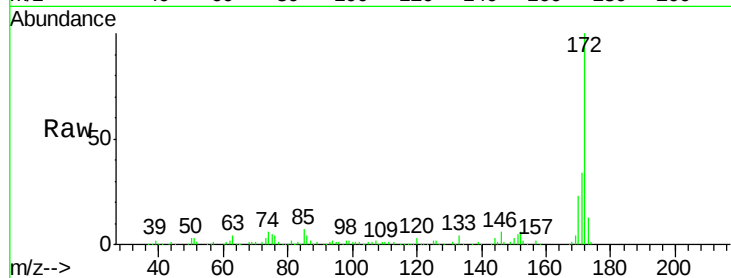




#45
2-Fluorobiphenyl
Concen: 10.916 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

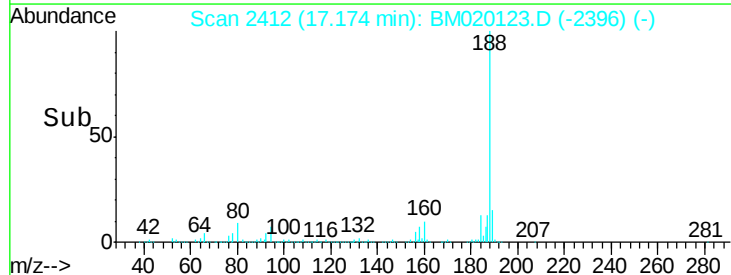
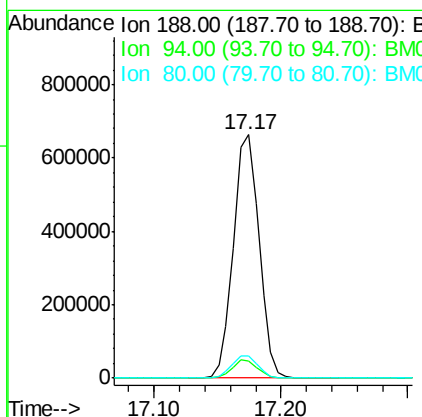
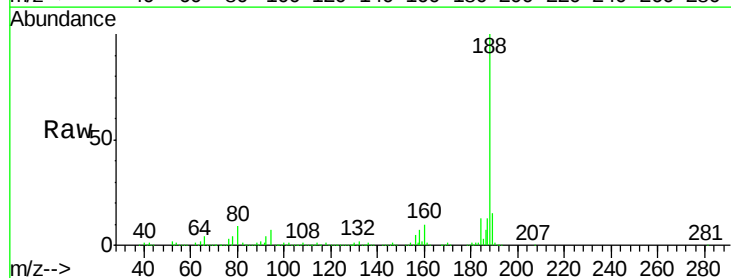
Instrument :
BNA_M
ClientSampleId :

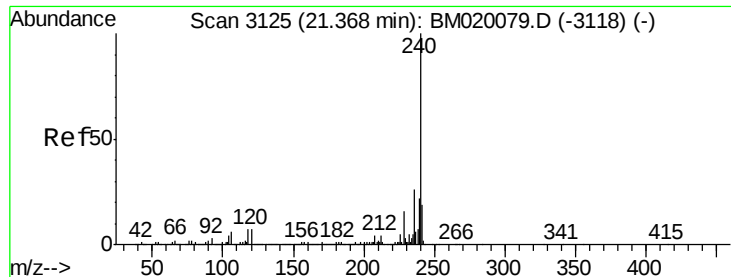
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.3	40.9
170	23.0	17.9	26.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	9.0	7.4	11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020123.D

Acq: 03 May 2019 21:52

Instrument :

BNA_M

ClientSampleId :

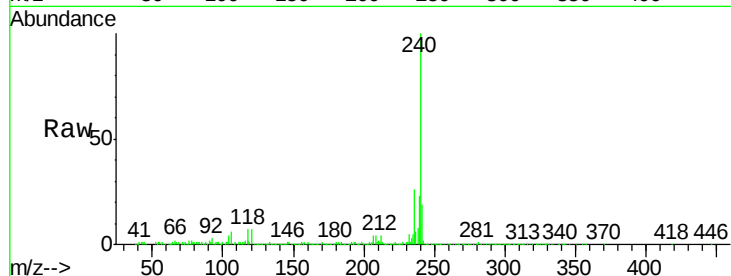
Tot Ion:240 Resp: 893223

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

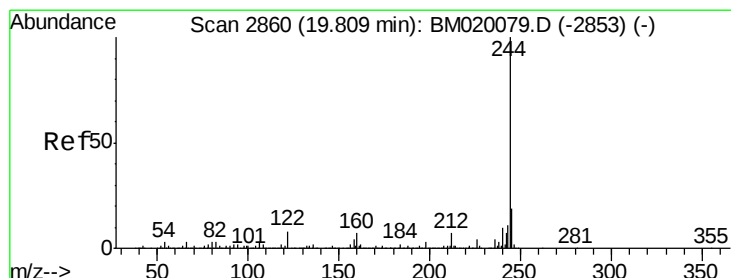
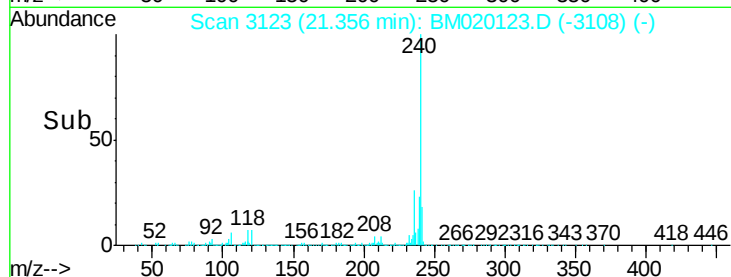
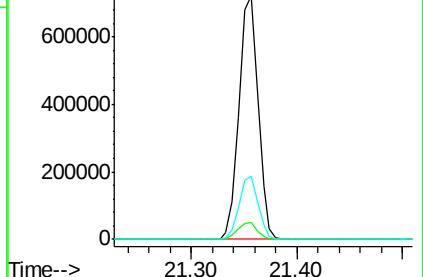
236 26.0 20.9 31.3



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: 10.164 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020123.D

Acq: 03 May 2019 21:52

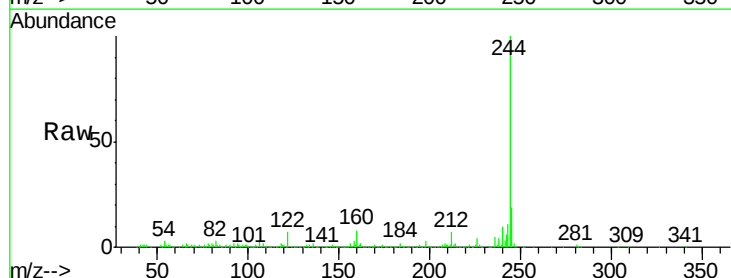
Tgt Ion:244 Resp: 520521

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

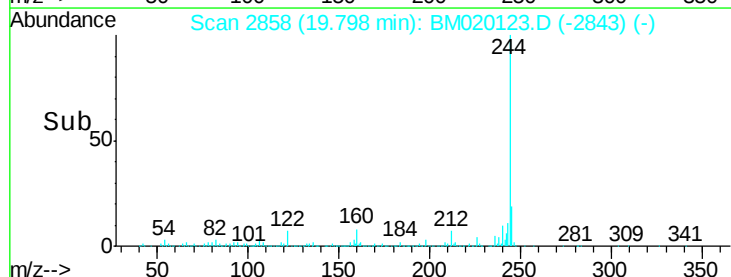
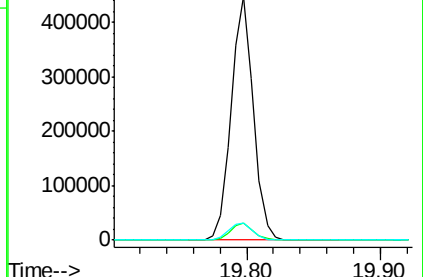
122 7.3 6.2 9.2

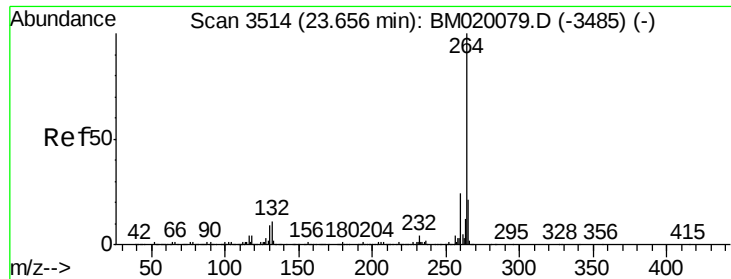


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



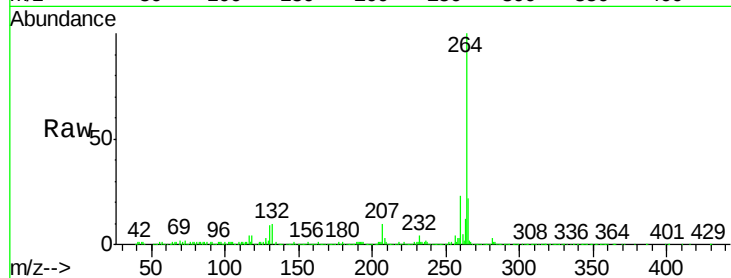


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1024128

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	16.9	25.3



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

