

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042671.D
 Acq On : 09 Nov 2023 14:27
 Operator : MA/JU
 Sample : 05256-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Nov 09 15:18:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	32713	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	113797	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	66533	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	135844	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	113449	20.000	ng	0.00
86) Perylene-d12	23.809	264	134116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	318313	157.038	ng	0.00
7) Phenol-d6	7.010	99	365952	131.641	ng	0.00
23) Nitrobenzene-d5	9.045	82	306217	125.440	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	164350	189.203	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	588558	119.033	ng	0.00
79) Terphenyl-d14	19.874	244	872650	130.426	ng	0.00

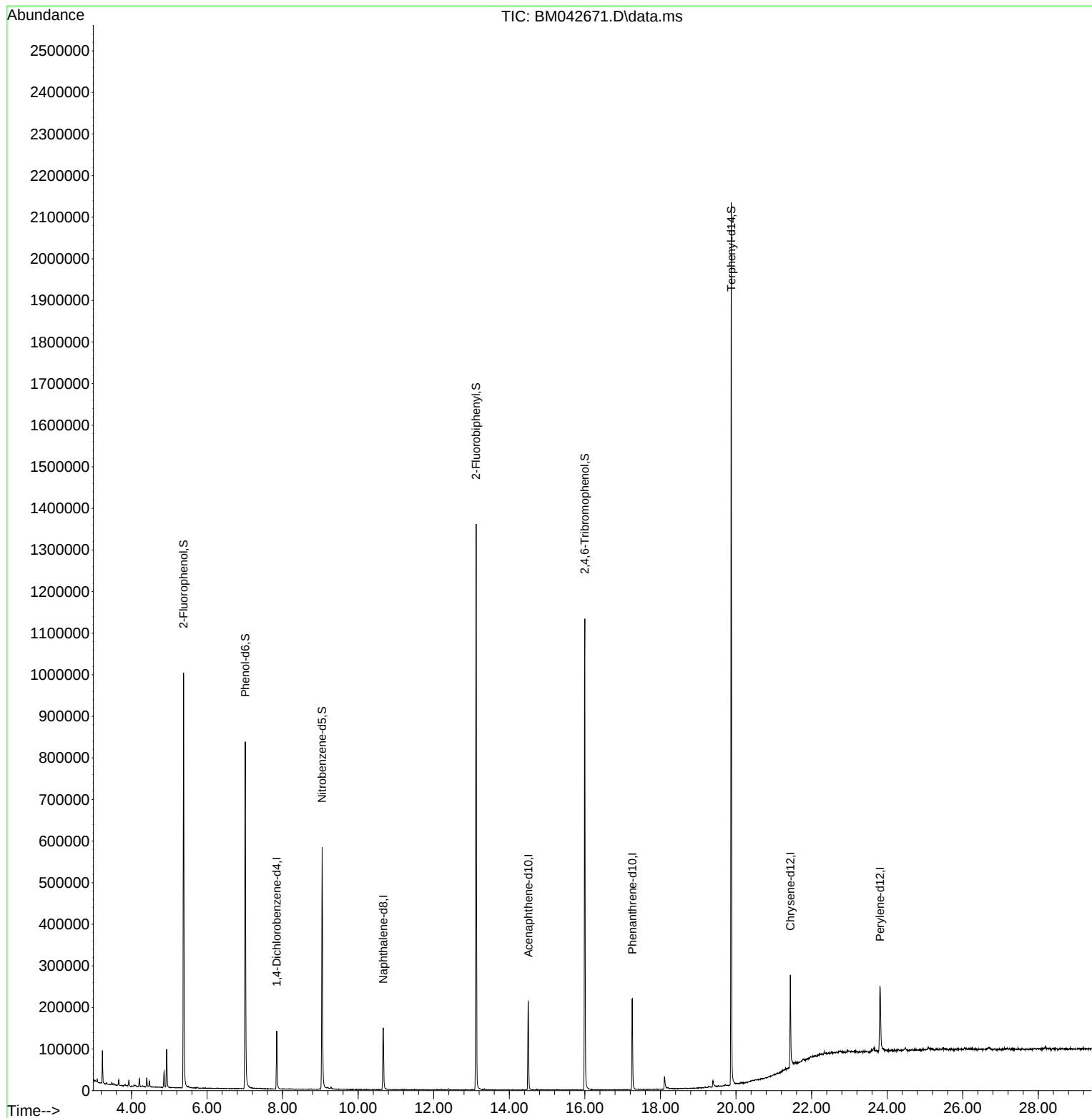
Target Compounds	Qvalue

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

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Quant Time: Nov 09 15:18:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

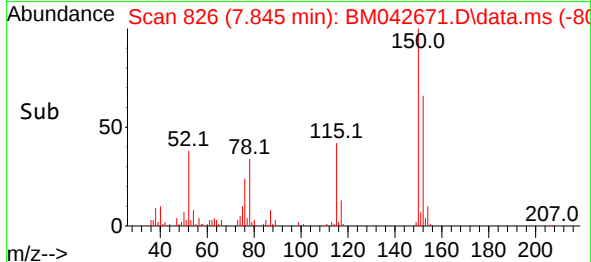
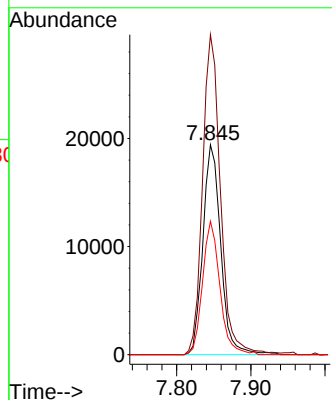
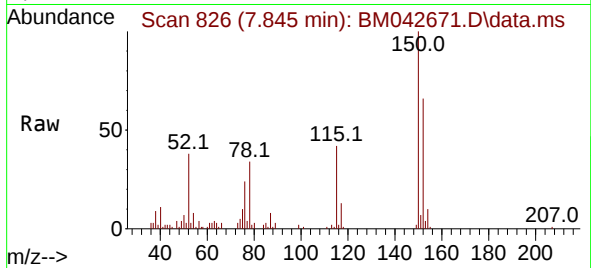




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

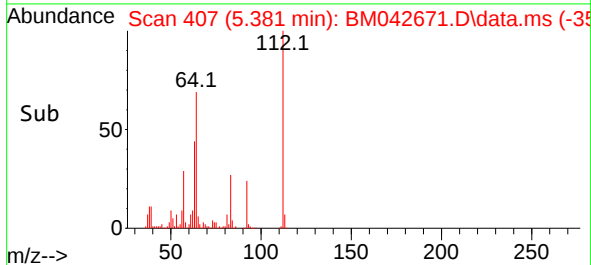
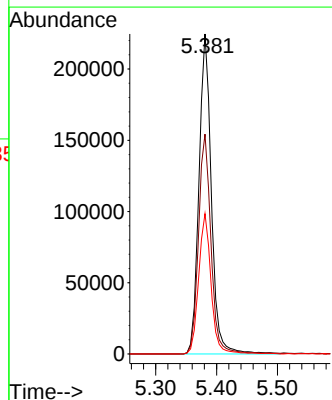
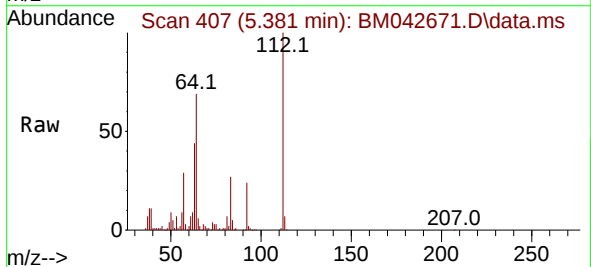
Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 32713
Ion Ratio Lower Upper
152 100
150 152.5 127.4 191.0
115 63.5 47.9 71.9



#5
2-Fluorophenol
Concen: 157.038 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.006 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

Tgt Ion:112 Resp: 318313
Ion Ratio Lower Upper
112 100
64 68.7 52.1 78.1
63 43.9 28.3 42.5#

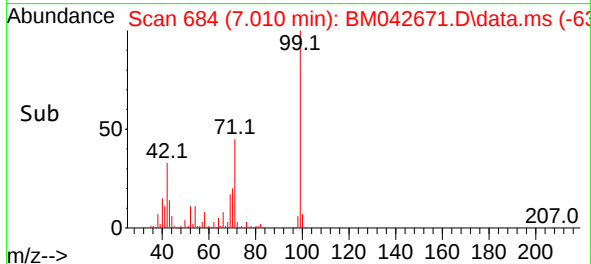
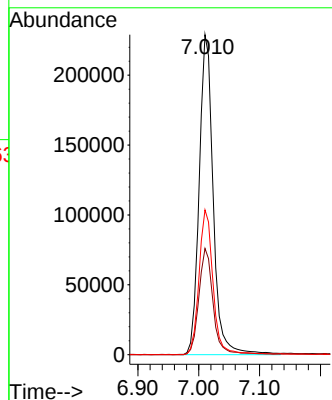
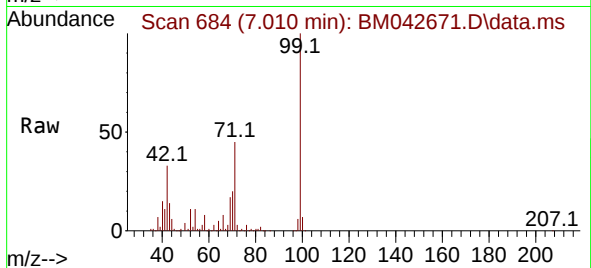




#7
Phenol-d6
Concen: 131.641 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

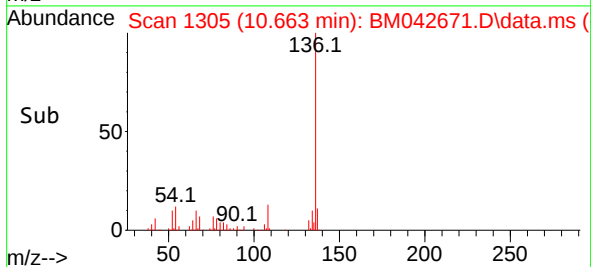
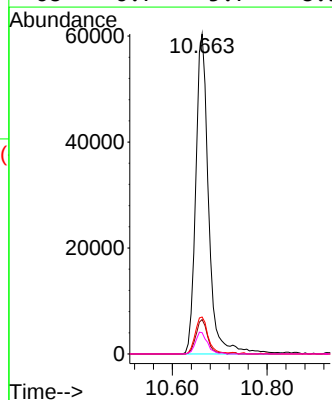
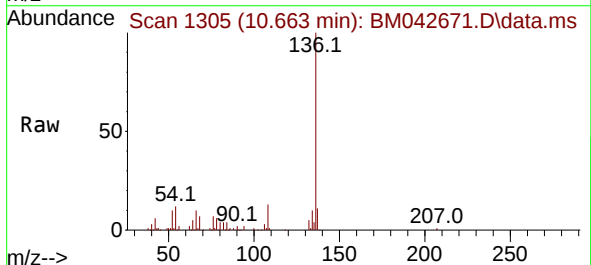
Instrument :
BNA_M
ClientSampleId :
WC-1

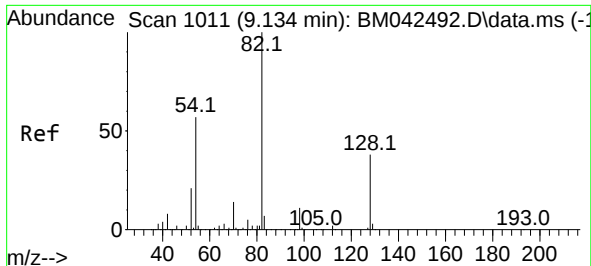
Tgt Ion: 99 Resp: 365952
Ion Ratio Lower Upper
99 100
42 33.2 18.7 28.1#
71 45.3 29.1 43.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

Tgt Ion:136 Resp: 113797
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 11.6 8.0 12.0
68 6.7 5.7 8.5

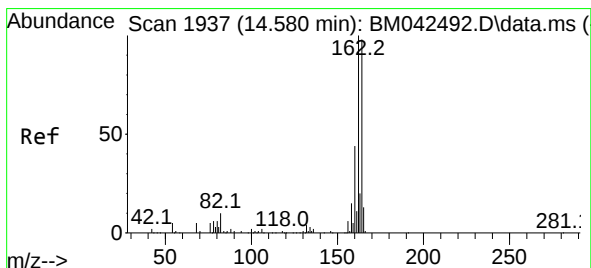
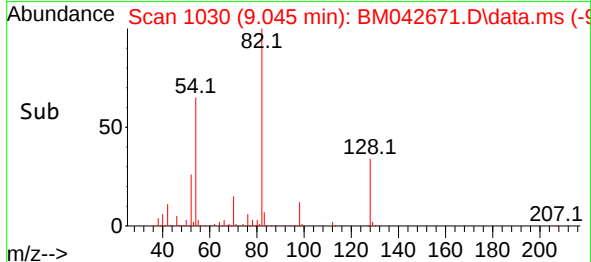
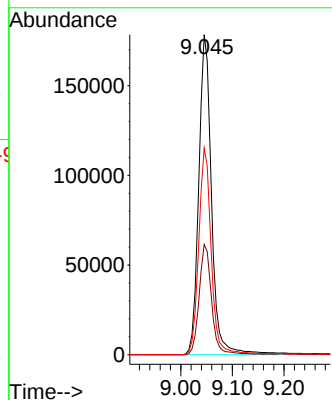
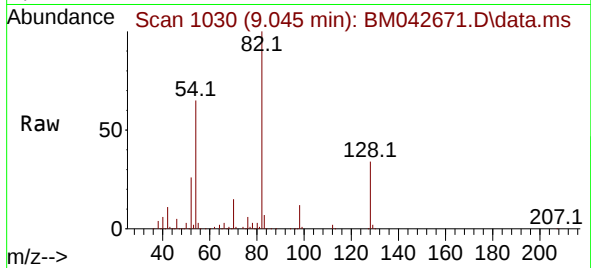




#23
Nitrobenzene-d5
Concen: 125.440 ng
RT: 9.045 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

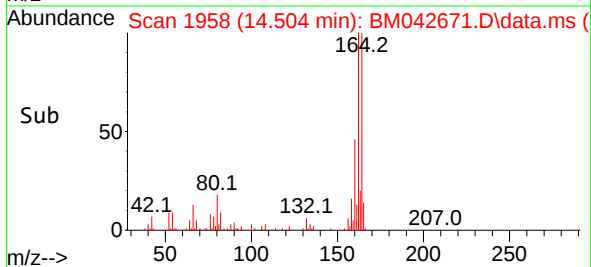
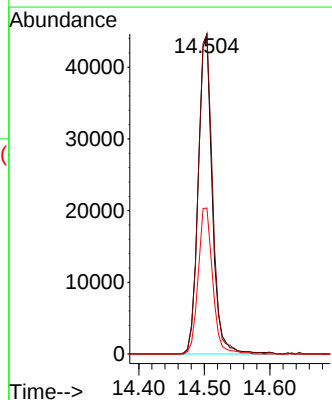
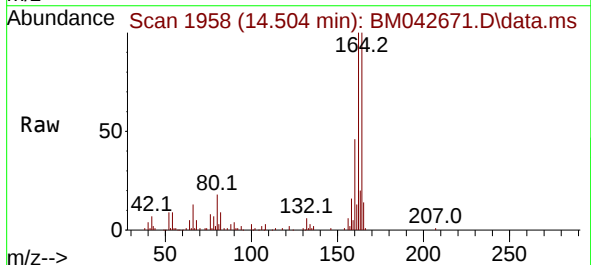
Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion: 82 Resp: 306217
Ion Ratio Lower Upper
82 100
128 34.4 30.7 46.1
54 64.6 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

Tgt Ion:164 Resp: 66533
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 45.6 36.2 54.4

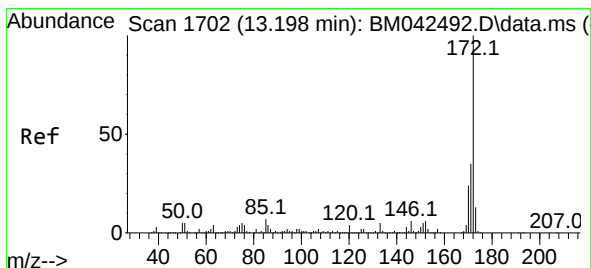
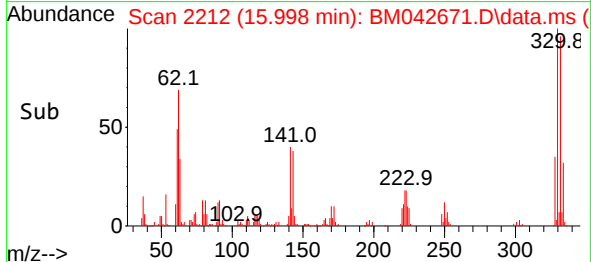
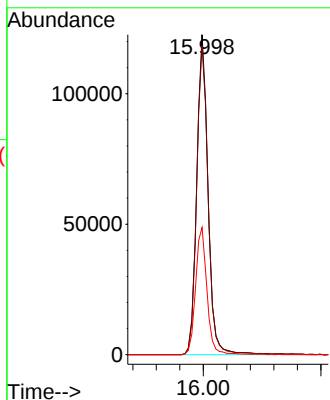
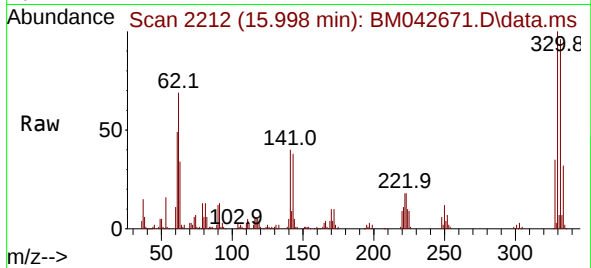




#42
2,4,6-Tribromophenol
Concen: 189.203 ng
RT: 15.998 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

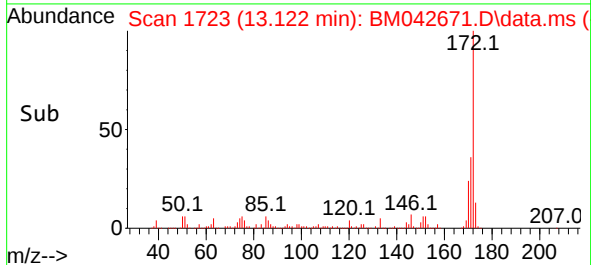
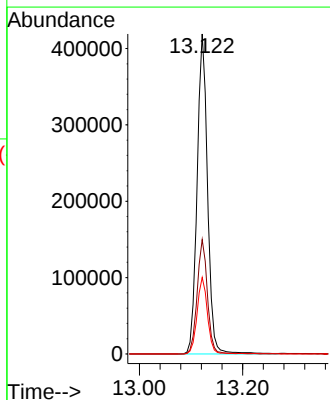
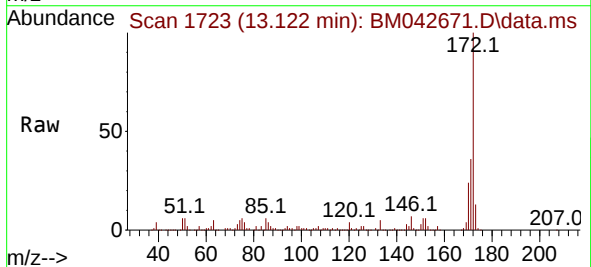
Instrument :
BNA_M
ClientSampleId :
WC-1

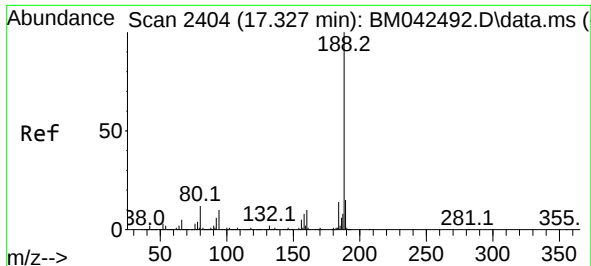
Tgt Ion:330 Resp: 164350
Ion Ratio Lower Upper
330 100
332 97.5 78.8 118.2
141 39.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 119.033 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

Tgt Ion:172 Resp: 588558
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.9 19.0 28.4

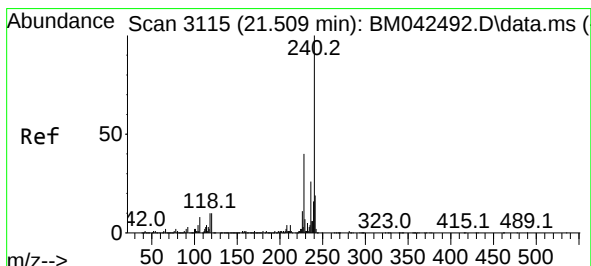
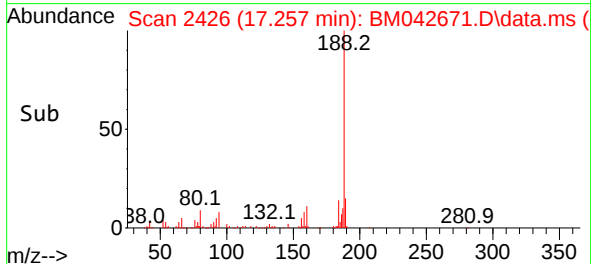
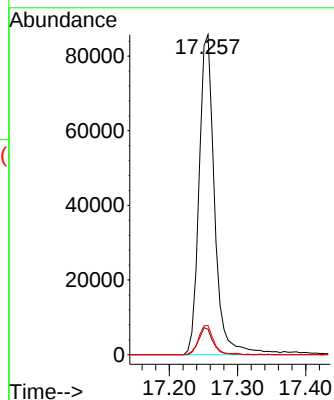
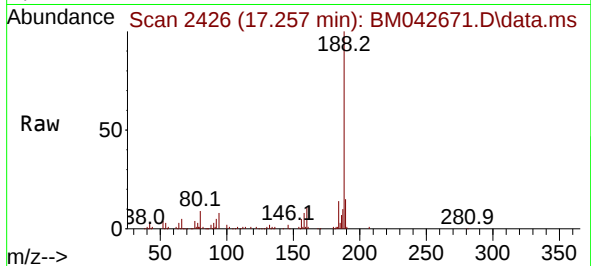




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

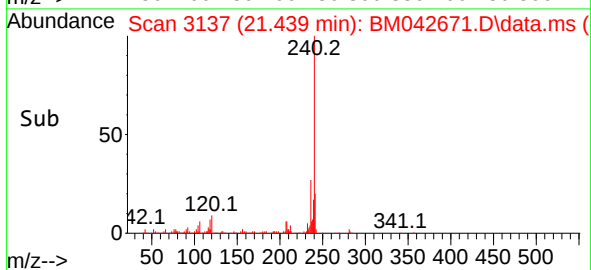
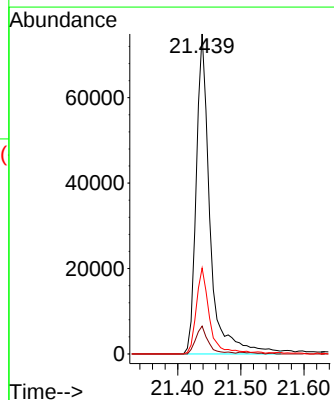
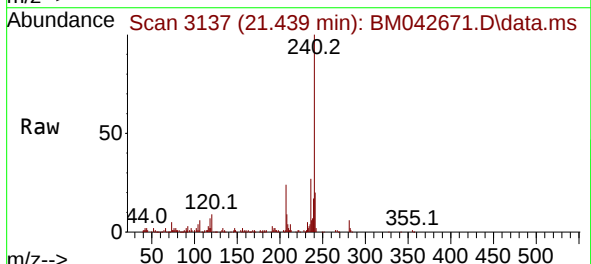
Instrument :
BNA_M
ClientSampleId :
WC-1

Tgt Ion:188 Resp: 135844
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.4#
80 9.1 9.4 14.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM042671.D
Acq: 09 Nov 2023 14:27

Tgt Ion:240 Resp: 113449
Ion Ratio Lower Upper
240 100
120 8.7 8.3 12.5
236 26.9 20.8 31.2

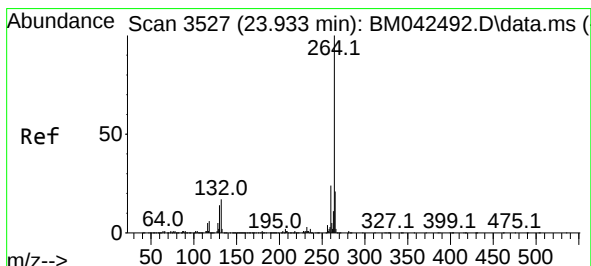
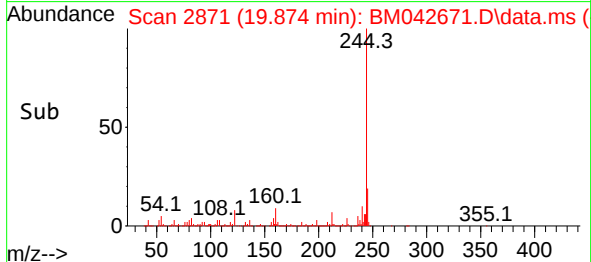
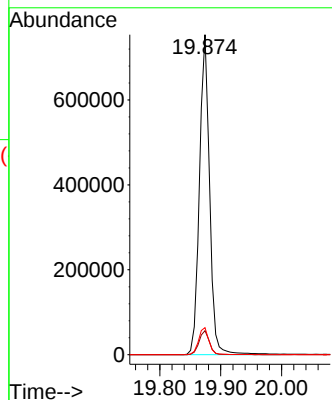
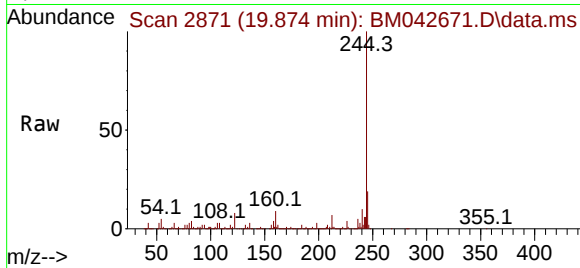




#79
 Terphenyl-d14
 Concen: 130.426 ng
 RT: 19.874 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042671.D
 Acq: 09 Nov 2023 14:27

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 872650
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 8.4 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.809 min Scan# 3540
 Delta R.T. -0.006 min
 Lab File: BM042671.D
 Acq: 09 Nov 2023 14:27

Tgt Ion:264 Resp: 134116
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.8 18.7 28.1

