

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042591.D
 Acq On : 04 Nov 2023 14:53
 Operator : MA/JU
 Sample : 05234-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-A

Quant Time: Nov 06 01:45:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:52:20 2023
 Response via : Initial Calibration

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

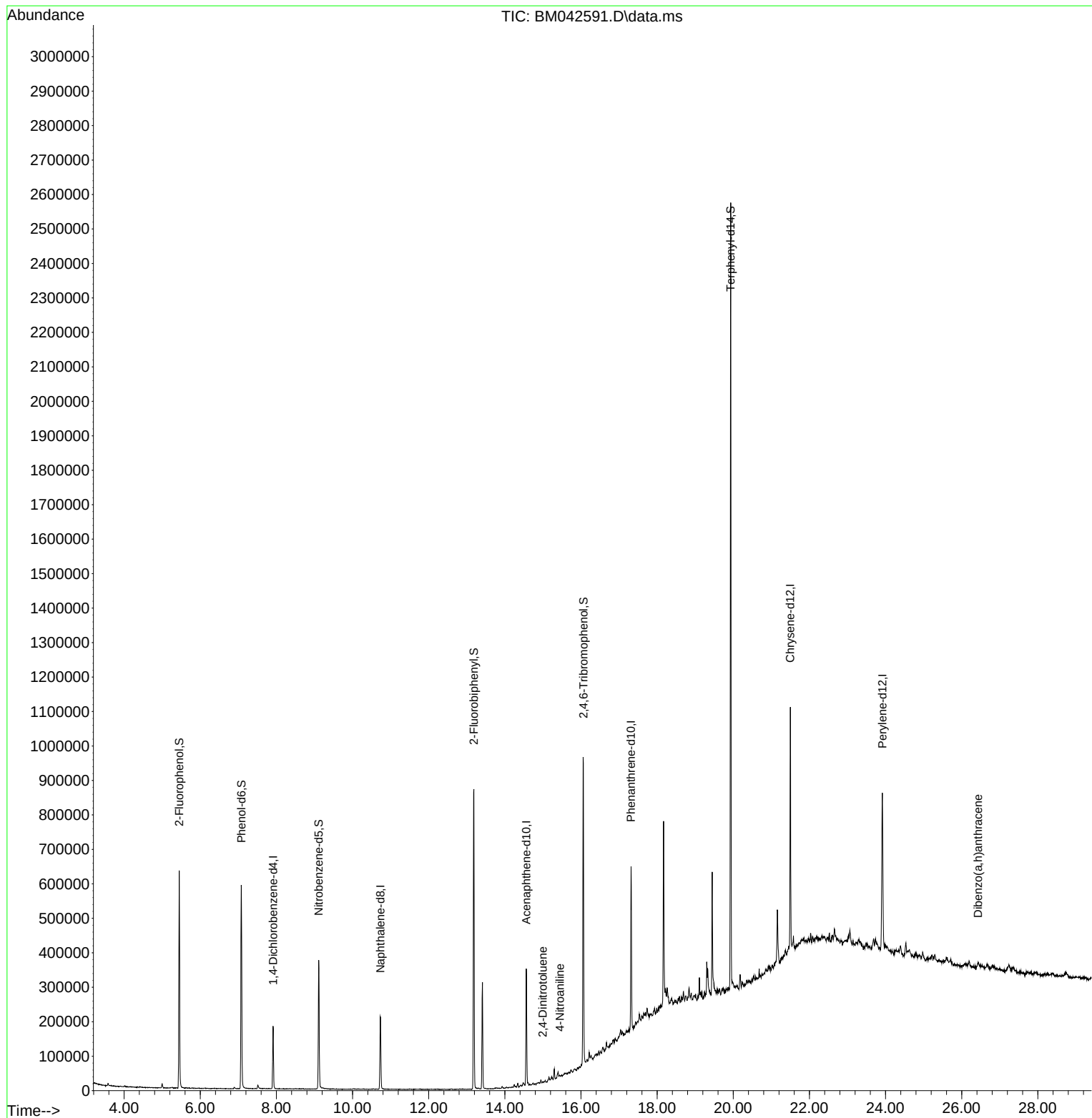
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	42502	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	160261	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	105222	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	262389	20.000	ng	0.00
76) Chrysene-d12	21.497	240	320418	20.000	ng	# 0.00
86) Perylene-d12	23.915	264	358940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	226878	86.150	ng	0.00
7) Phenol-d6	7.081	99	288383	79.845	ng	0.00
23) Nitrobenzene-d5	9.110	82	198196	57.651	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	148122	107.822	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	419820	53.687	ng	0.00
79) Terphenyl-d14	19.933	244	998916	52.861	ng	0.00
Target Compounds						
57) 2,4-Dinitrotoluene	14.998	165	57	3.993	ng	# 5
62) 4-Nitroaniline	15.445	138	388	5.950	ng	94
91) Dibenzo(a,h)anthracene	26.427	278	162	4.145	ng	# 1

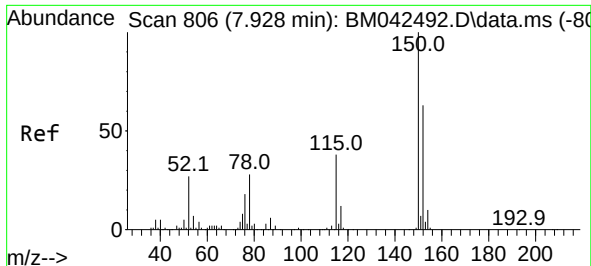
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
Data File : BM042591.D
Acq On : 04 Nov 2023 14:53
Operator : MA/JU
Sample : 05234-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-A

Quant Time: Nov 06 01:45:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

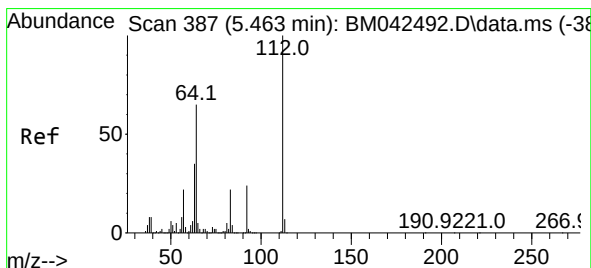
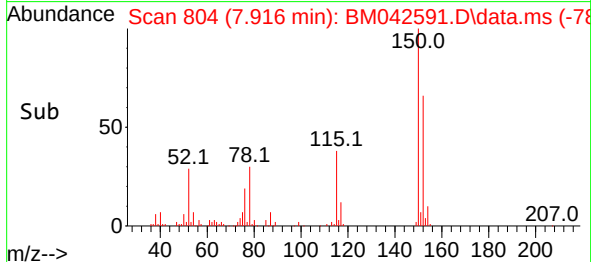
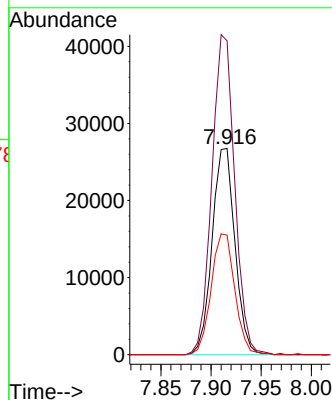
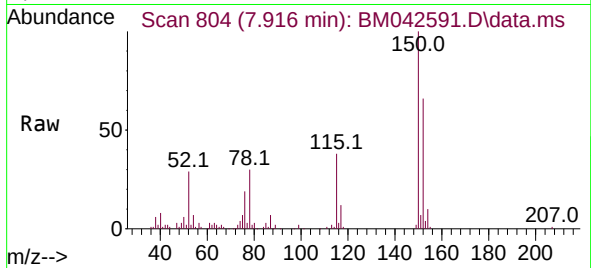




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 80
Delta R.T. 0.006 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

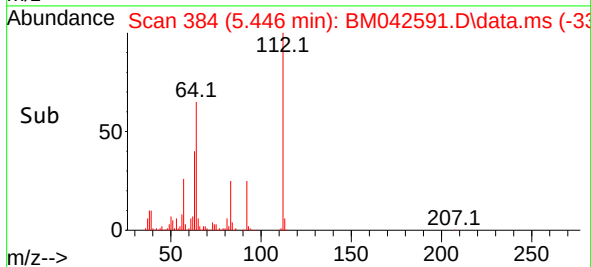
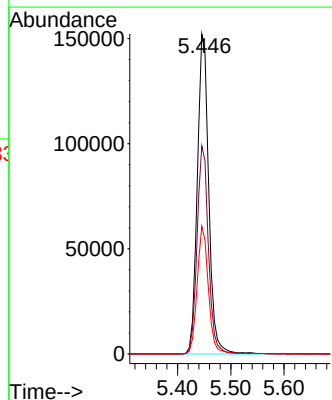
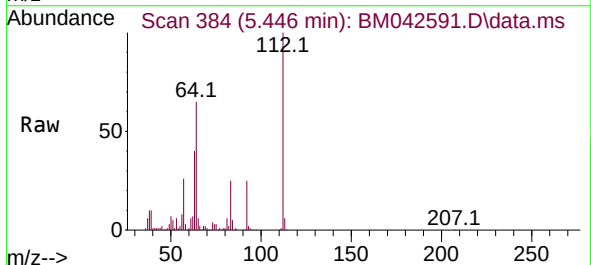
Instrument :
BNA_M
ClientSampleId :
SP-A

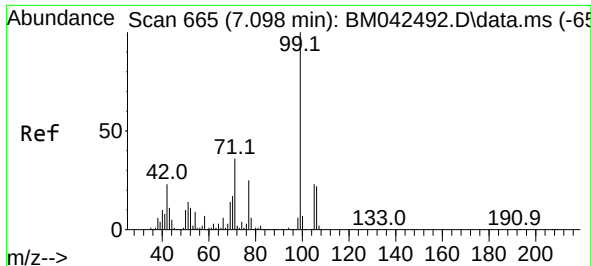
Tgt Ion:152 Resp: 42502
Ion Ratio Lower Upper
152 100
150 152.2 127.4 191.0
115 58.0 47.9 71.9



#5
2-Fluorophenol
Concen: 86.150 ng
RT: 5.446 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

Tgt Ion:112 Resp: 226878
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 40.0 28.3 42.5

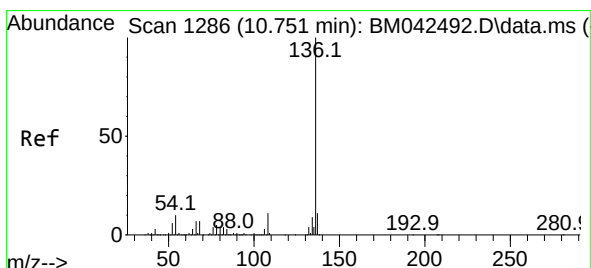
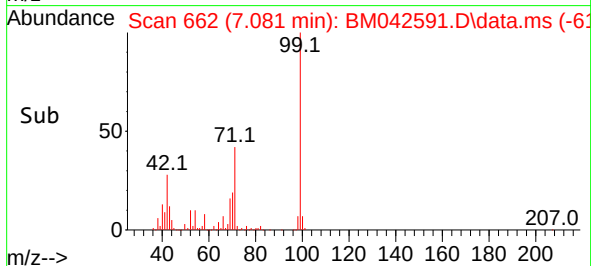
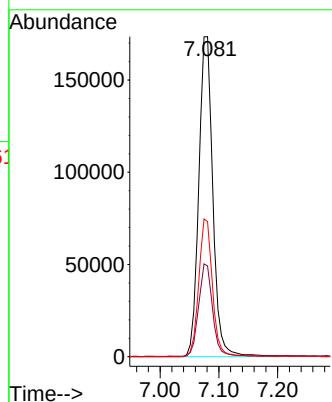
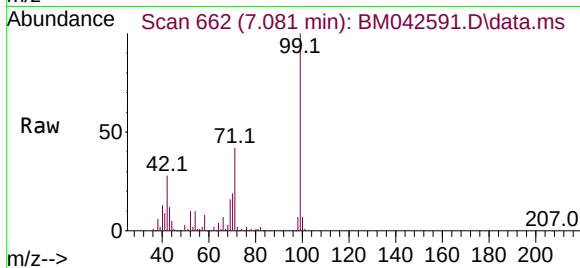




#7
Phenol-d6
Concen: 79.845 ng
RT: 7.081 min Scan# 60
Delta R.T. 0.006 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

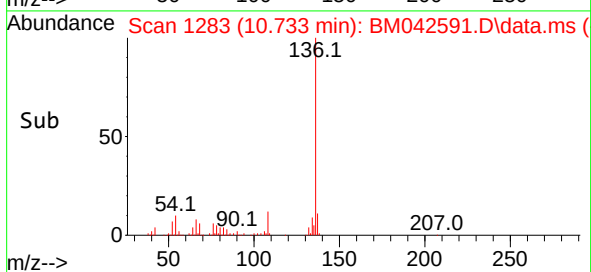
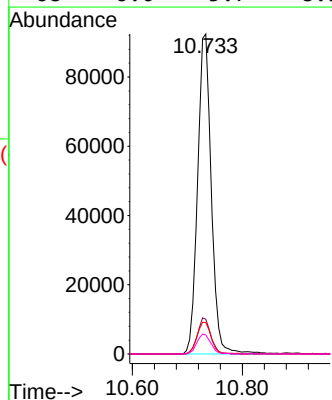
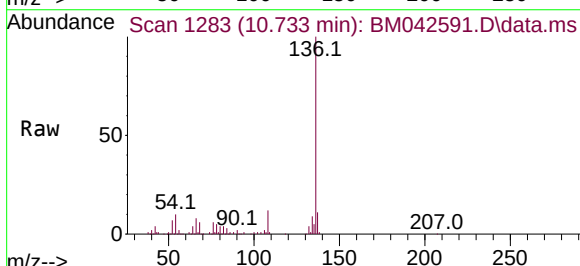
Instrument :
BNA_M
ClientSampleId :
SP-A

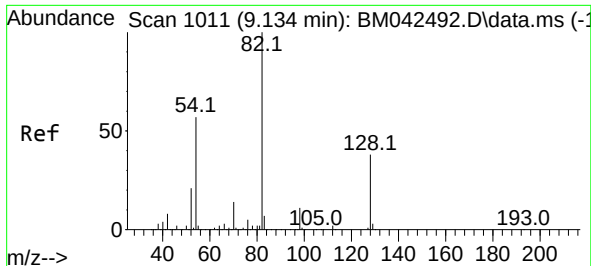
Tgt Ion: 99 Resp: 288383
Ion Ratio Lower Upper
99 100
42 28.4 18.7 28.1#
71 42.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

Tgt Ion: 136 Resp: 160261
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 9.9 8.0 12.0
68 6.0 5.7 8.5

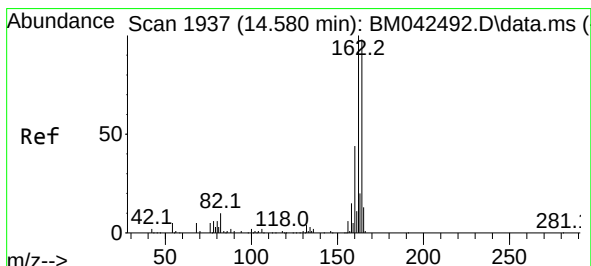
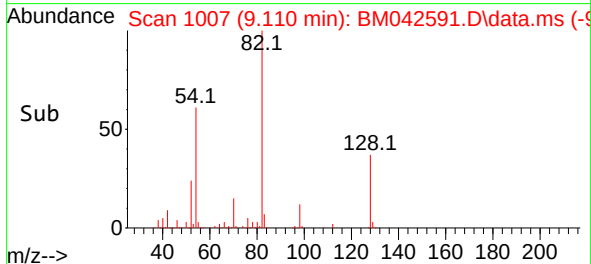
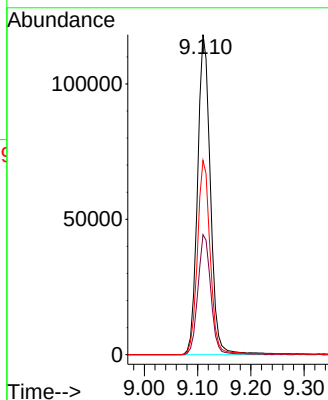
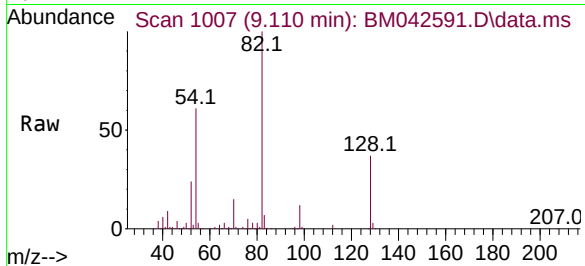




#23
Nitrobenzene-d5
Concen: 57.651 ng
RT: 9.110 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

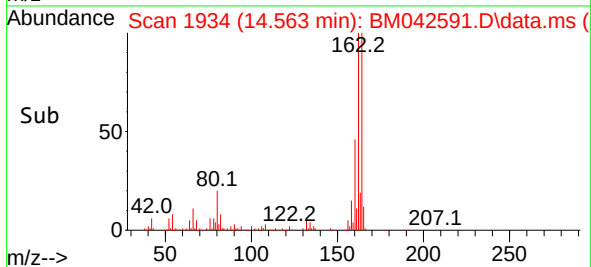
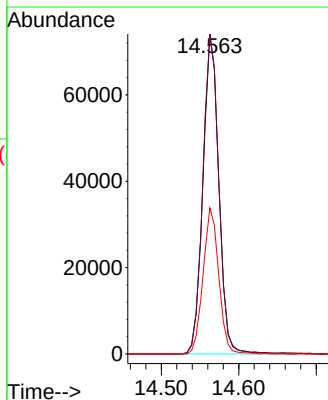
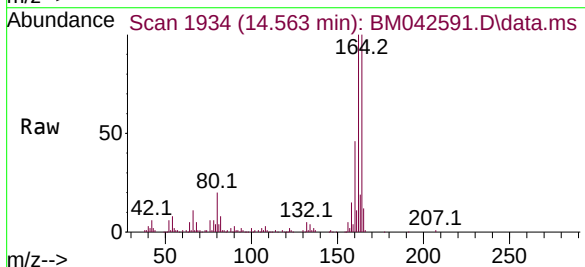
Instrument :
BNA_M
ClientSampleId :
SP-A

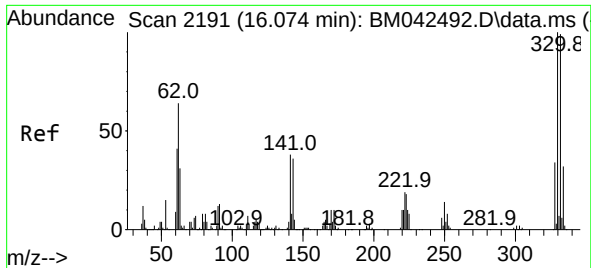
Tgt Ion: 82 Resp: 198196
Ion Ratio Lower Upper
82 100
128 37.5 30.7 46.1
54 60.7 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

Tgt Ion: 164 Resp: 105222
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 45.8 36.2 54.4

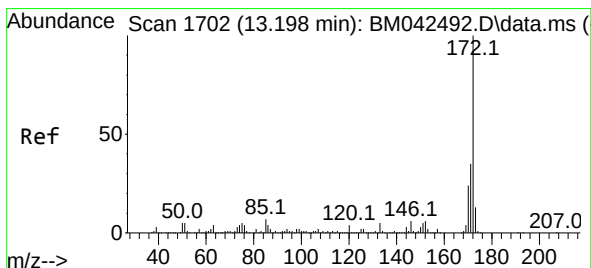
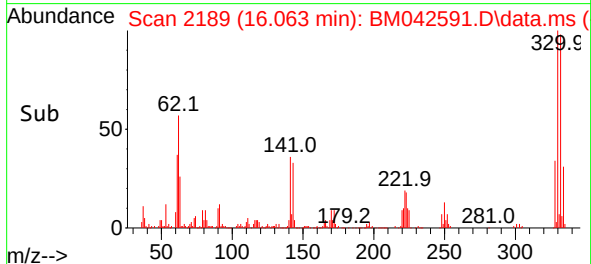
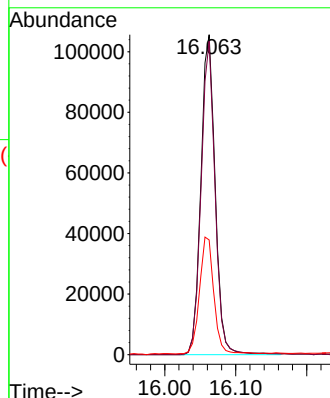
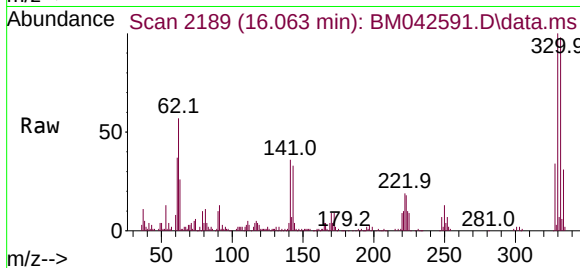




#42
2,4,6-Tribromophenol
Concen: 107.822 ng
RT: 16.063 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

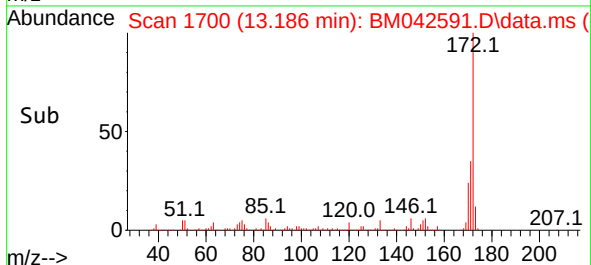
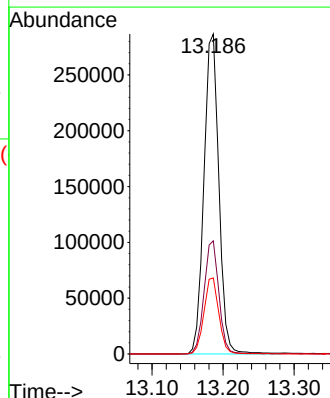
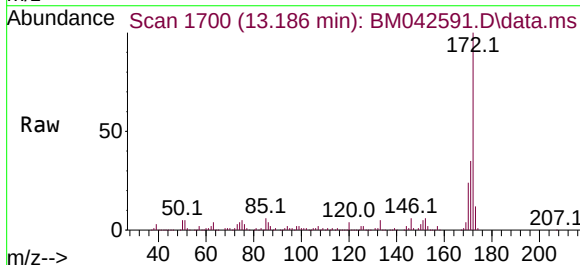
Instrument :
BNA_M
ClientSampleId :
SP-A

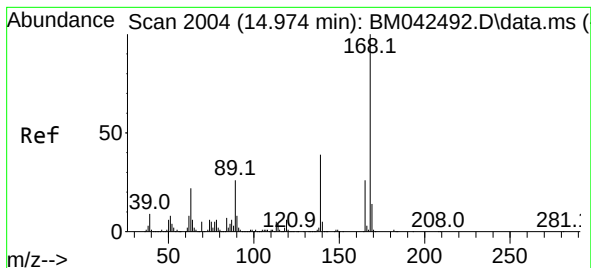
Tgt Ion:330 Resp: 148122
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 36.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 53.687 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

Tgt Ion:172 Resp: 419820
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.8 19.0 28.4

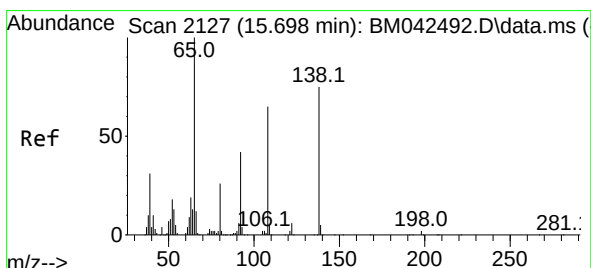
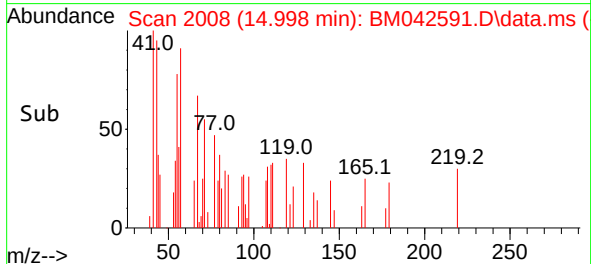
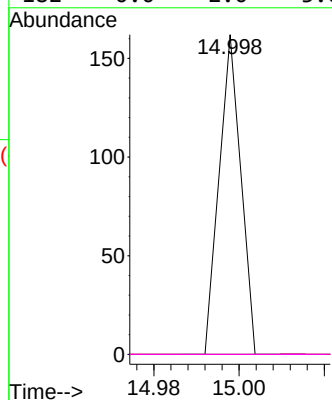
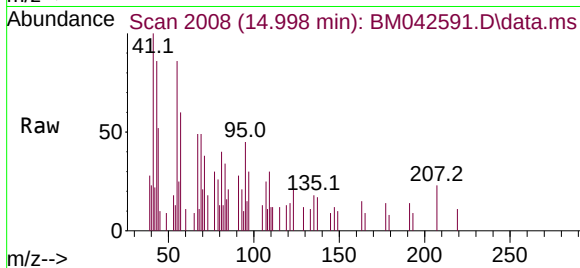




#57
2,4-Dinitrotoluene
Concen: 3.993 ng
RT: 14.998 min Scan# 2008
Delta R.T. 0.035 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

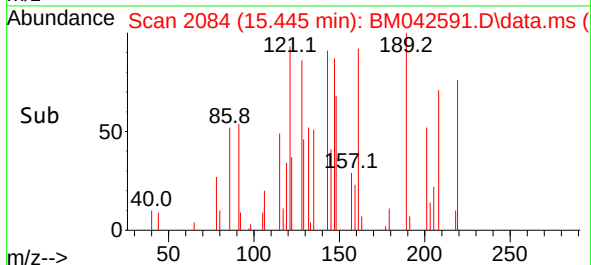
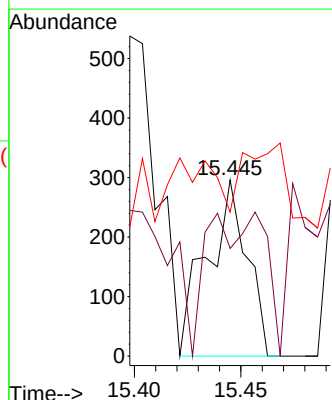
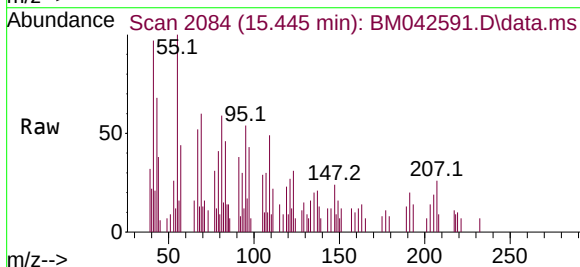
Instrument :
BNA_M
ClientSampleId :
SP-A

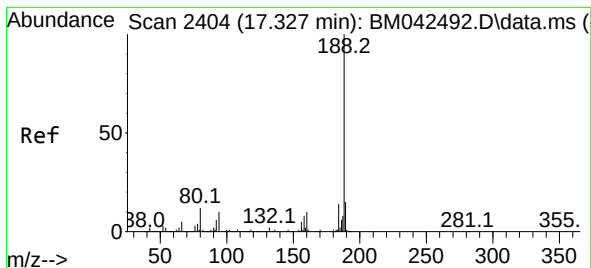
Tgt Ion:165 Resp: 57
Ion Ratio Lower Upper
165 100
63 0.0 66.7 100.1#
89 0.0 80.2 120.4#
182 0.0 2.0 3.0#



#62
4-Nitroaniline
Concen: 5.950 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.242 min
Lab File: BM042591.D
Acq: 04 Nov 2023 14:53

Tgt Ion:138 Resp: 388
Ion Ratio Lower Upper
138 100
92 61.1 37.0 77.0
108 81.8 67.2 107.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM042591.D

Acq: 04 Nov 2023 14:53

Instrument :

BNA_M

ClientSampleId :

SP-A

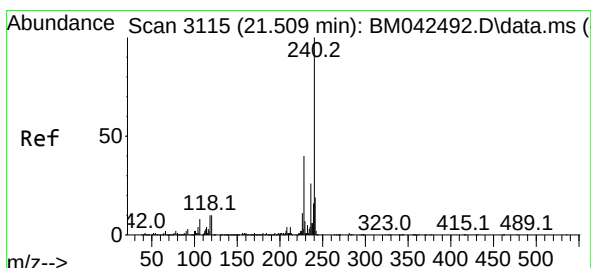
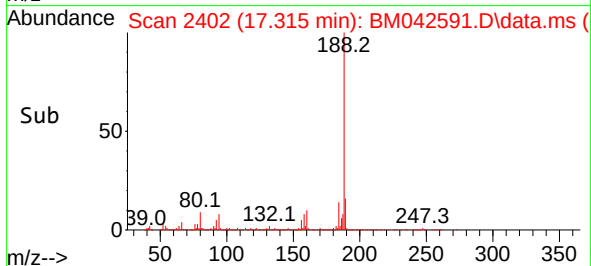
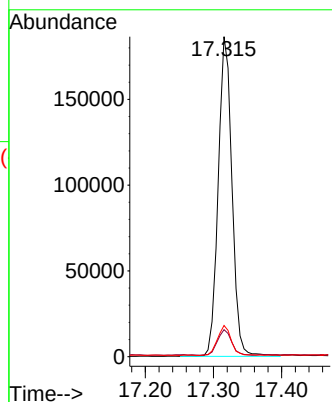
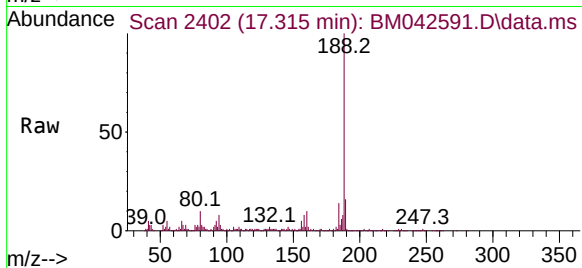
Tgt Ion:188 Resp: 262389

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

80 9.8 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.497 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM042591.D

Acq: 04 Nov 2023 14:53

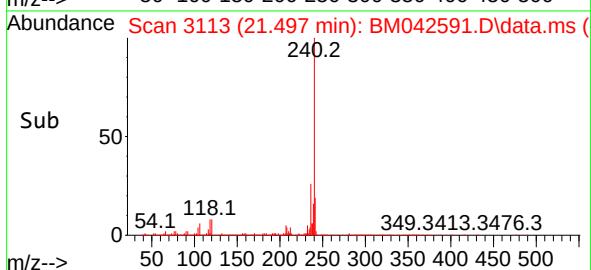
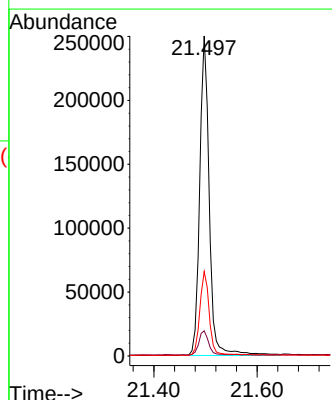
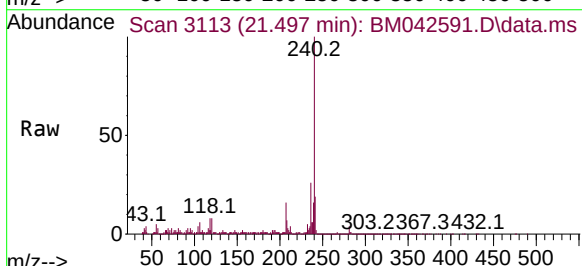
Tgt Ion:240 Resp: 320418

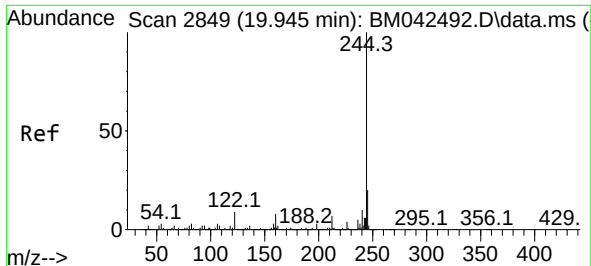
Ion Ratio Lower Upper

240 100

120 7.9 8.3 12.5#

236 26.4 20.8 31.2

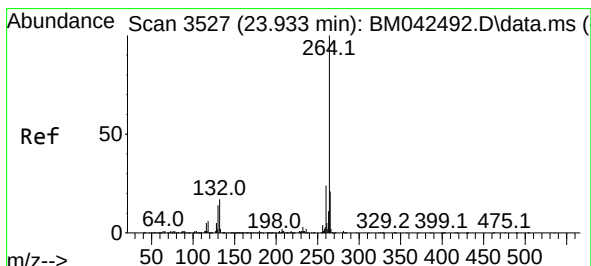
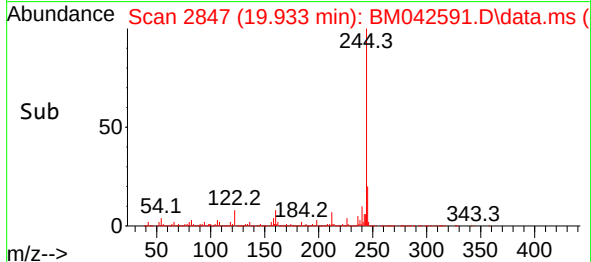
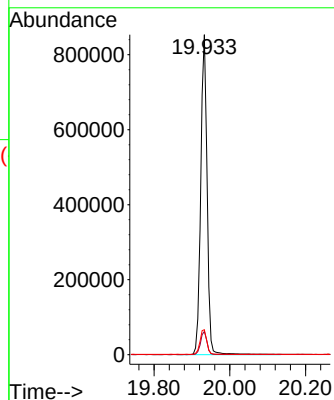
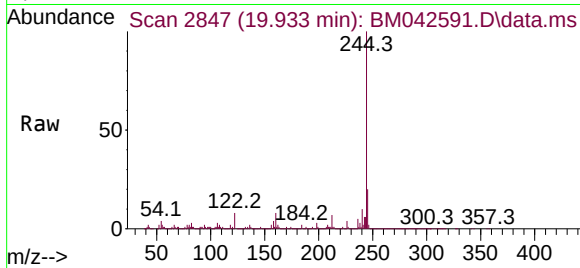




#79
 Terphenyl-d14
 Concen: 52.861 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042591.D
 Acq: 04 Nov 2023 14:53

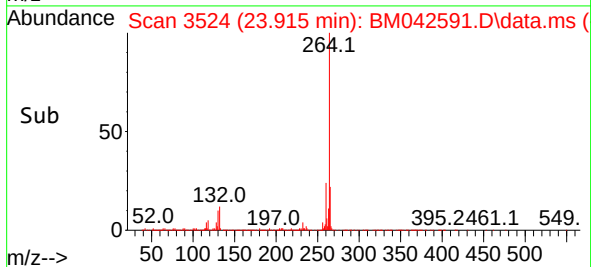
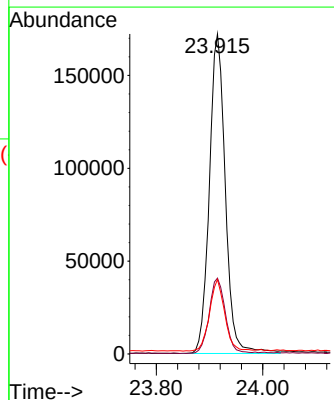
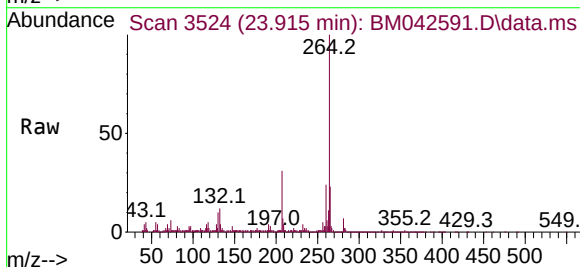
Instrument :
 BNA_M
 ClientSampleId :
 SP-A

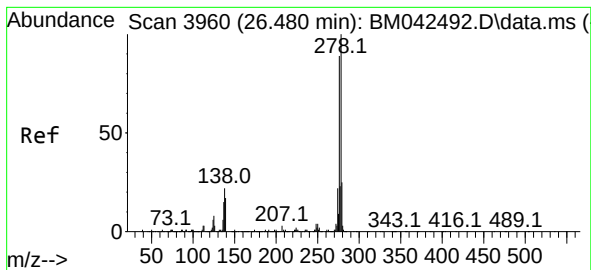
Tgt Ion:244 Resp: 998916
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 7.8 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.915 min Scan# 3524
 Delta R.T. -0.000 min
 Lab File: BM042591.D
 Acq: 04 Nov 2023 14:53

Tgt Ion:264 Resp: 358940
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 23.3 18.7 28.1





#91
 Dibenzo(a,h)anthracene
 Concen: 4.145 ng
 RT: 26.427 min Scan# 3951
 Delta R.T. -0.042 min
 Lab File: BM042591.D
 Acq: 04 Nov 2023 14:53

Instrument :
 BNA_M
 ClientSampleId :
 SP-A

Tgt Ion:278 Resp: 162
 Ion Ratio Lower Upper
 278 100
 139 182.7 13.4 20.2#
 279 123.9 19.7 29.5#

