

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042589.D
 Acq On : 04 Nov 2023 13:41
 Operator : MA/JU
 Sample : 05243-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-11-AT-4.5-5.0

Quant Time: Nov 06 01:44:20 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)

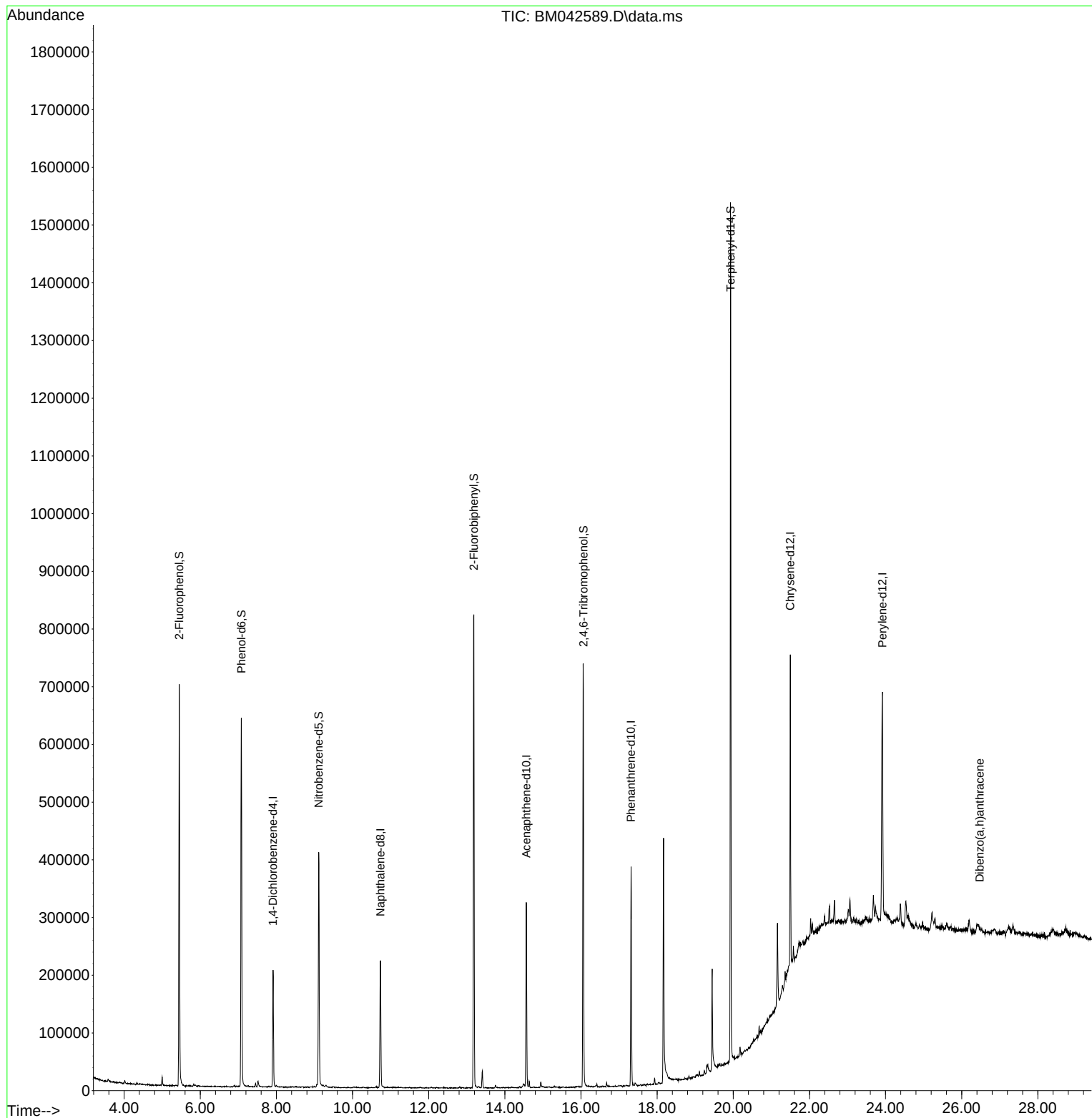
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	46544	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	165119	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	95923	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	210406	20.000	ng	0.00
76) Chrysene-d12	21.497	240	250361	20.000	ng	0.00
86) Perylene-d12	23.915	264	311899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	246703	85.542	ng	0.00
7) Phenol-d6	7.081	99	310075	78.395	ng	0.00
23) Nitrobenzene-d5	9.110	82	217149	61.306	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	117448	93.782	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	384832	53.984	ng	0.00
79) Terphenyl-d14	19.933	244	657601	44.537	ng	0.00
Target Compounds						
91) Dibenzo(a,h)anthracene	26.474	278	519	4.166	ng	Qvalue # 1

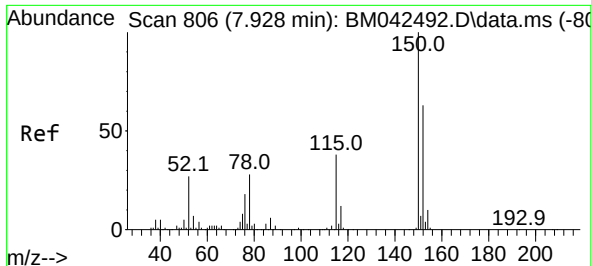
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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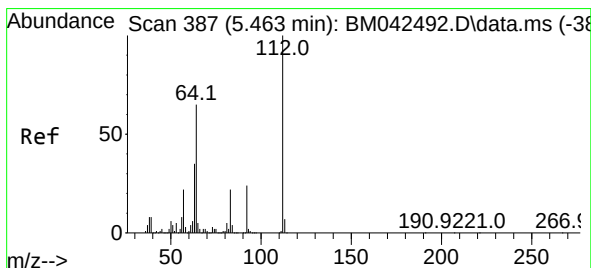
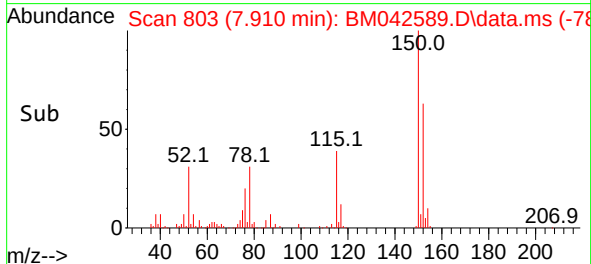
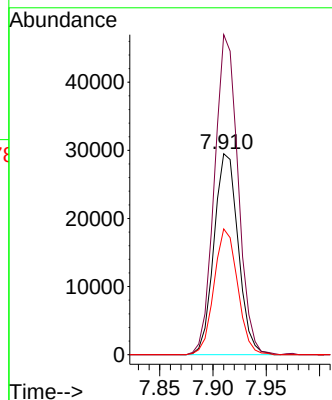
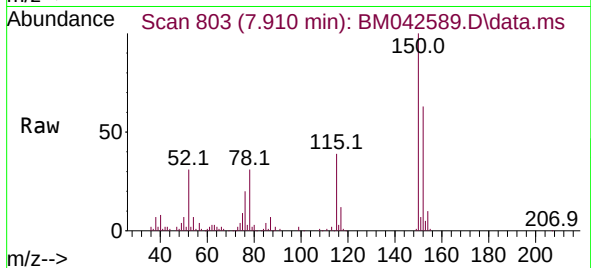




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.910 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

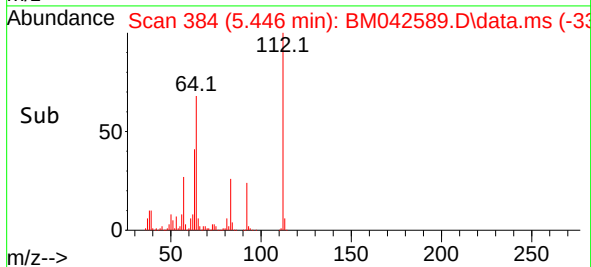
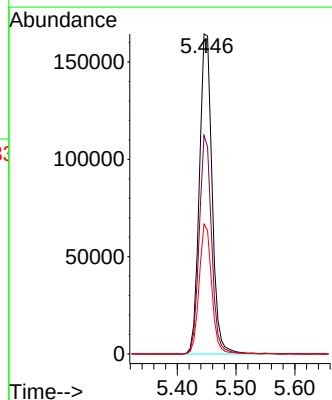
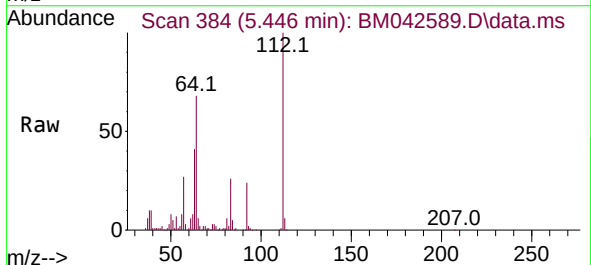
Instrument :
BNA_M
ClientSampleId :
SB-11-AT-4.5-5.0

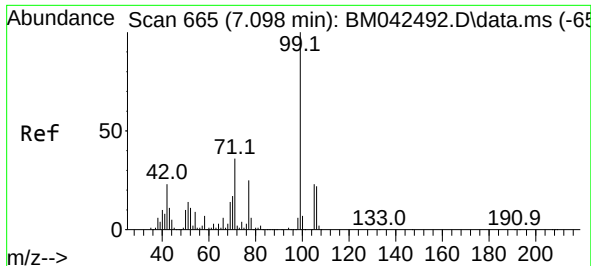
Tgt Ion:152 Resp: 46544
Ion Ratio Lower Upper
152 100
150 159.2 127.4 191.0
115 62.6 47.9 71.9



#5
2-Fluorophenol
Concen: 85.542 ng
RT: 5.446 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

Tgt Ion:112 Resp: 246703
Ion Ratio Lower Upper
112 100
64 68.3 52.1 78.1
63 40.6 28.3 42.5

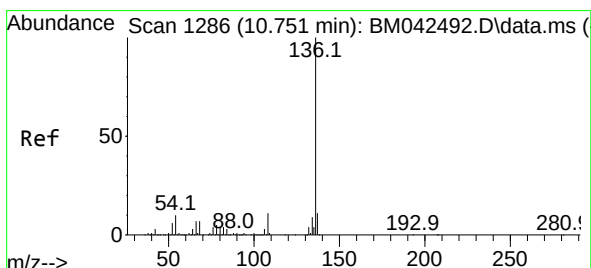
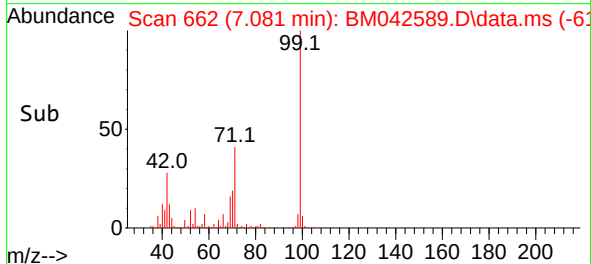
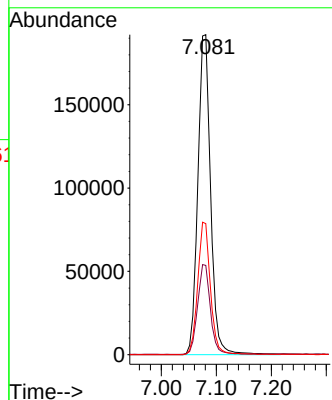
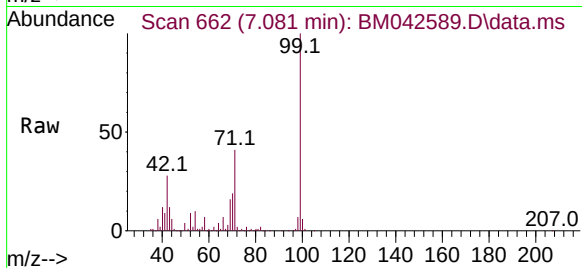




#7
Phenol-d6
Concen: 78.395 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

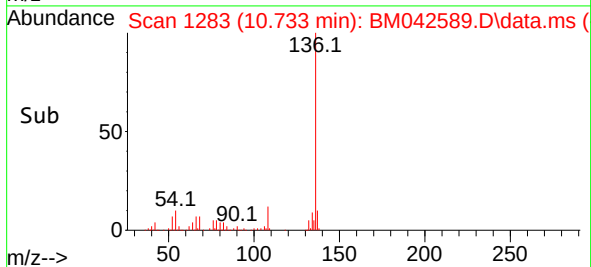
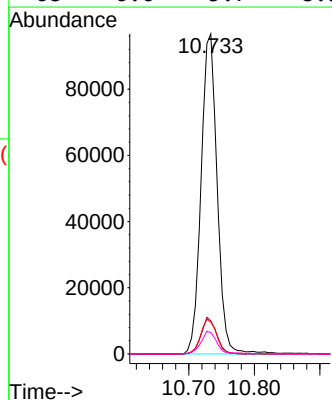
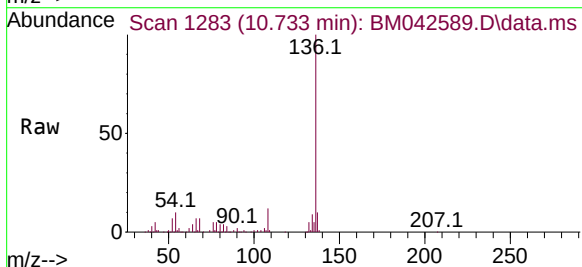
Instrument :
BNA_M
ClientSampleId :
SB-11-AT-4.5-5.0

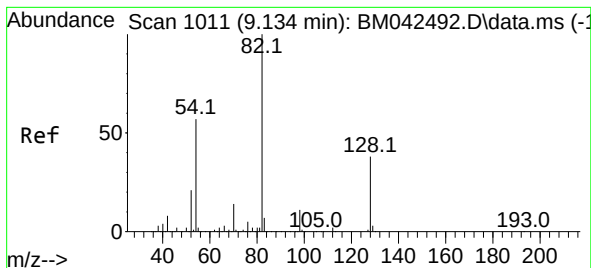
Tgt Ion: 99 Resp: 310075
Ion Ratio Lower Upper
99 100
42 27.9 18.7 28.1
71 40.9 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

Tgt Ion: 136 Resp: 165119
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 9.9 8.0 12.0
68 6.6 5.7 8.5





#23

Nitrobenzene-d5

Concen: 61.306 ng

RT: 9.110 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM042589.D

Acq: 04 Nov 2023 13:41

Instrument :

BNA_M

ClientSampleId :

SB-11-AT-4.5-5.0

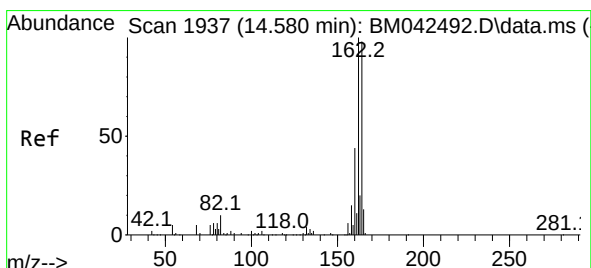
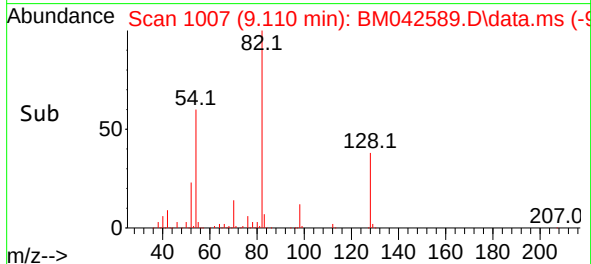
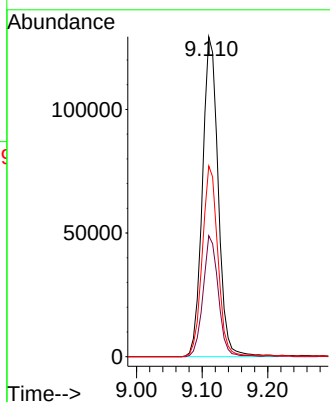
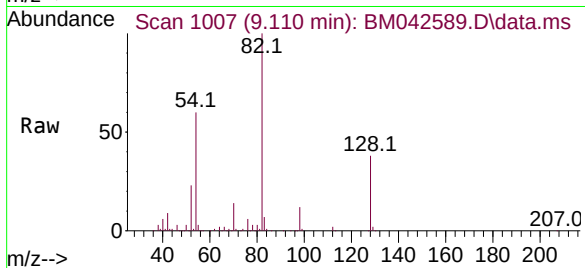
Tgt Ion: 82 Resp: 217149

Ion Ratio Lower Upper

82 100

128 37.8 30.7 46.1

54 59.6 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: BM042589.D

Acq: 04 Nov 2023 13:41

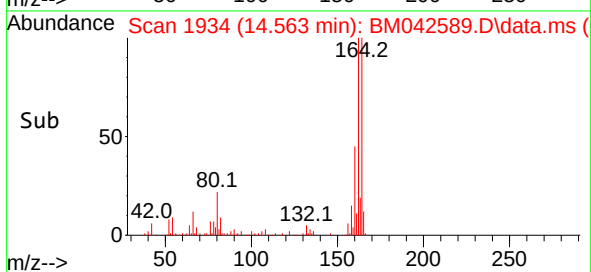
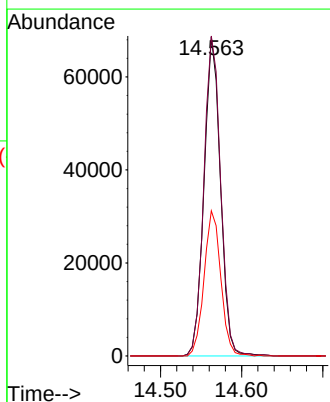
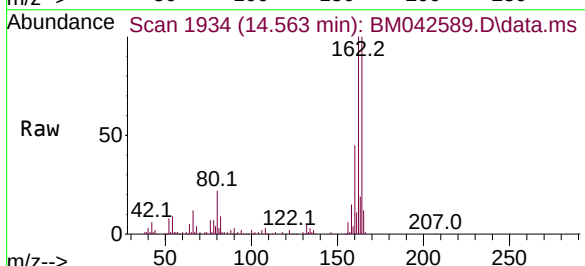
Tgt Ion:164 Resp: 95923

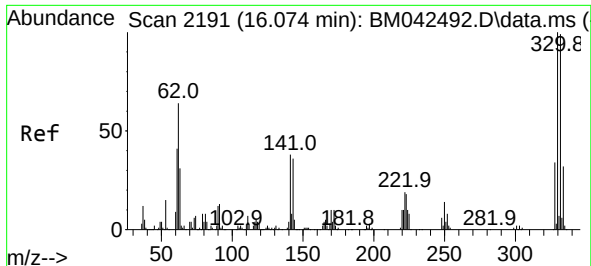
Ion Ratio Lower Upper

164 100

162 100.4 81.6 122.4

160 45.5 36.2 54.4

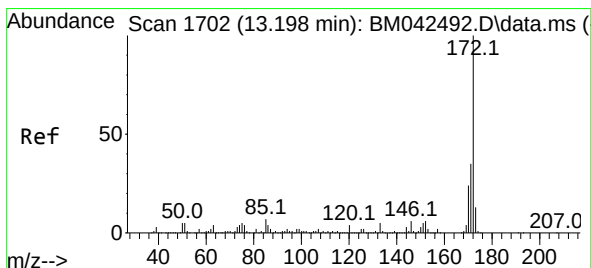
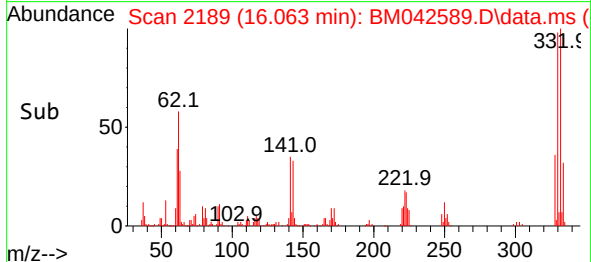
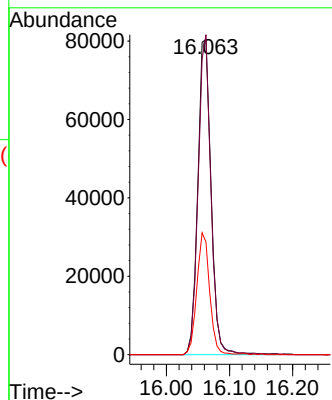
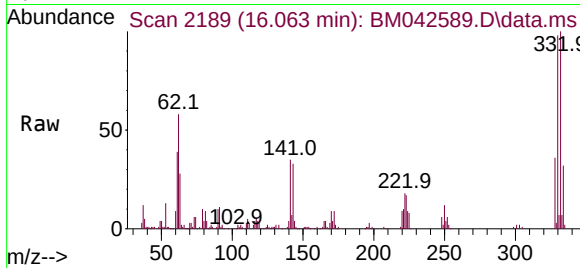




#42
2,4,6-Tribromophenol
Concen: 93.782 ng
RT: 16.063 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

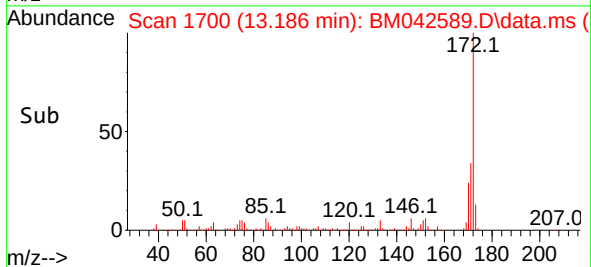
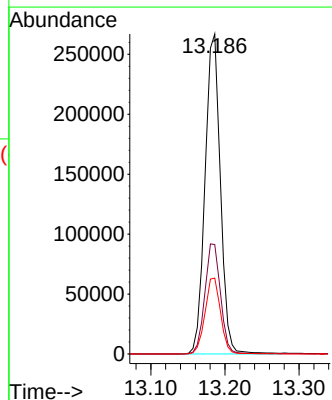
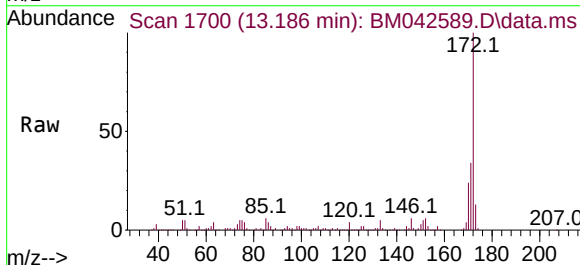
Instrument :
BNA_M
ClientSampleId :
SB-11-AT-4.5-5.0

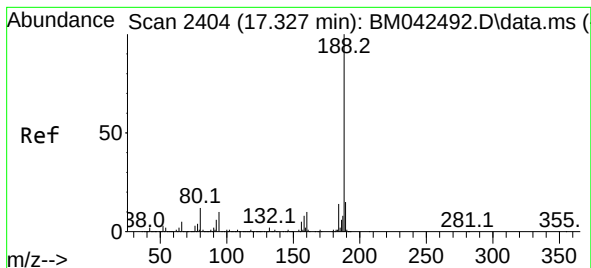
Tgt Ion:330 Resp: 117448
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 37.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 53.984 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042589.D
Acq: 04 Nov 2023 13:41

Tgt Ion:172 Resp: 384832
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2402

Delta R.T. -0.000 min

Lab File: BM042589.D

Acq: 04 Nov 2023 13:41

Instrument :

BNA_M

ClientSampleId :

SB-11-AT-4.5-5.0

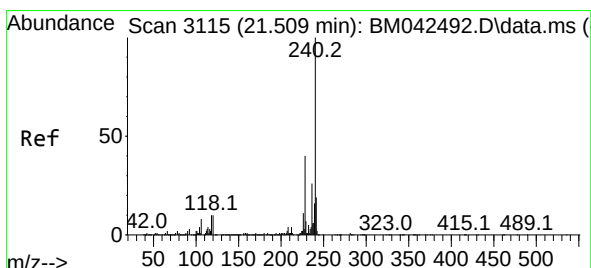
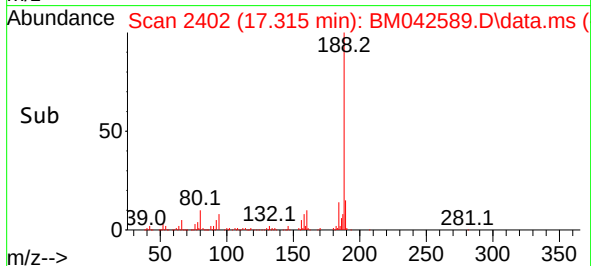
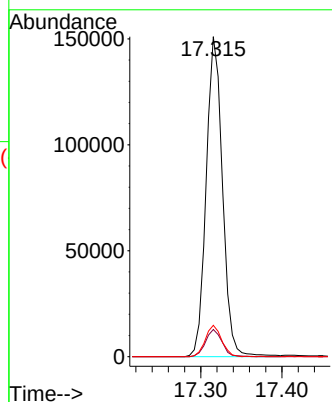
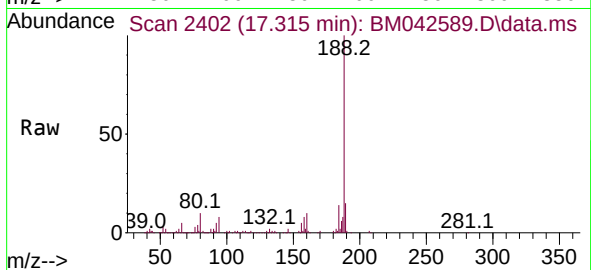
Tgt Ion:188 Resp: 210406

Ion Ratio Lower Upper

188 100

94 8.5 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: BM042589.D

Acq: 04 Nov 2023 13:41

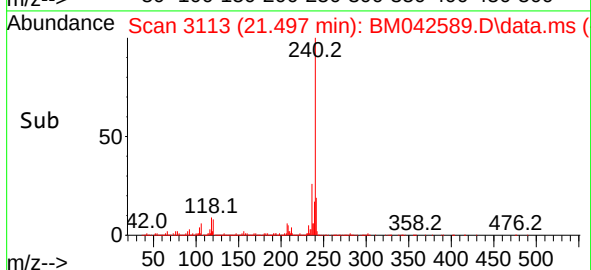
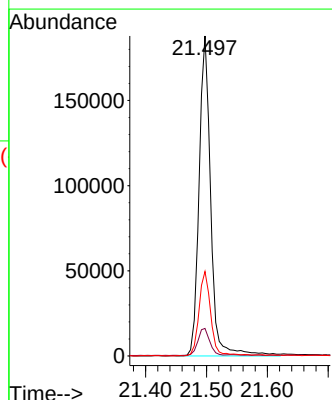
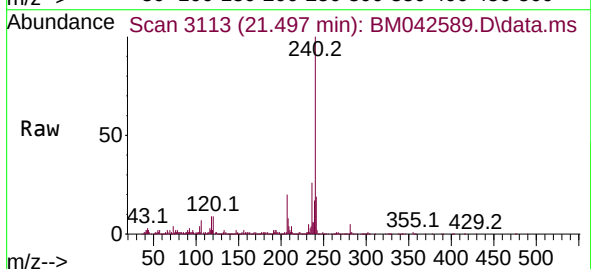
Tgt Ion:240 Resp: 250361

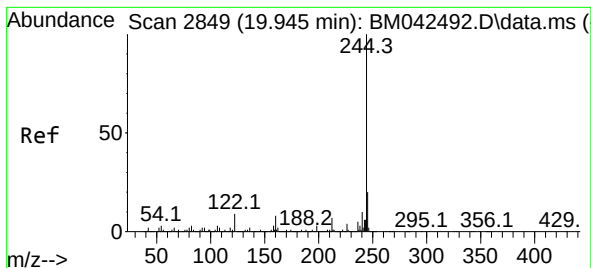
Ion Ratio Lower Upper

240 100

120 8.6 8.3 12.5

236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 44.537 ng

RT: 19.933 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042589.D

Acq: 04 Nov 2023 13:41

Instrument :

BNA_M

ClientSampleId :

SB-11-AT-4.5-5.0

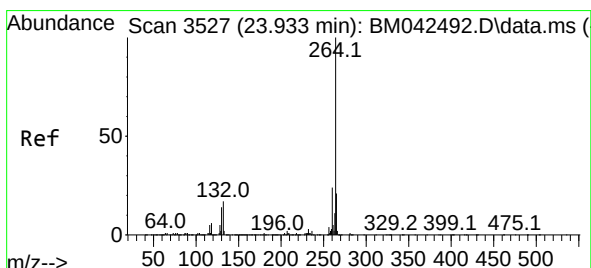
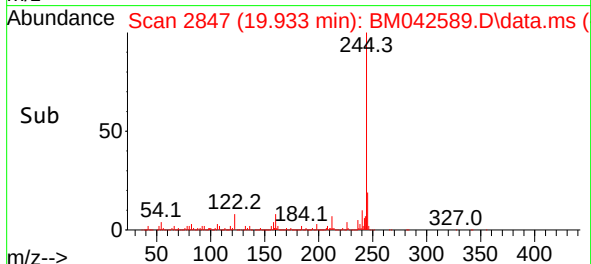
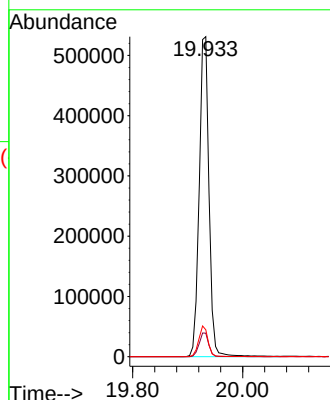
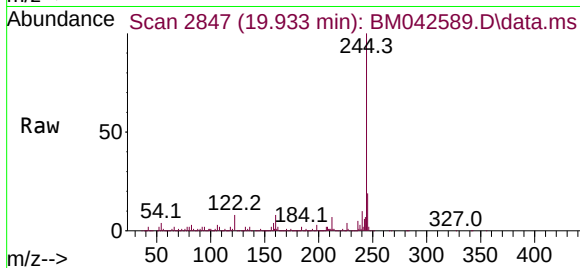
Tgt Ion:244 Resp: 657601

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 8.4 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: BM042589.D

Acq: 04 Nov 2023 13:41

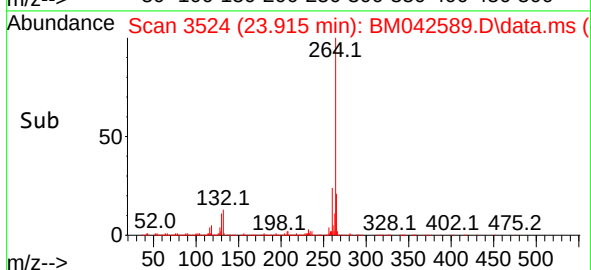
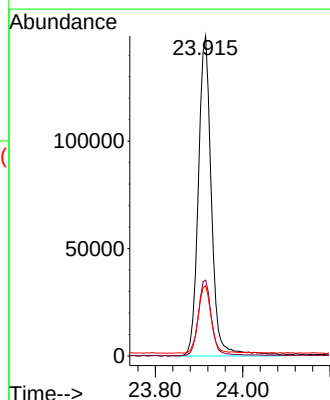
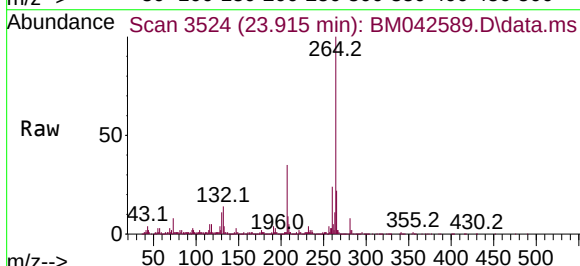
Tgt Ion:264 Resp: 311899

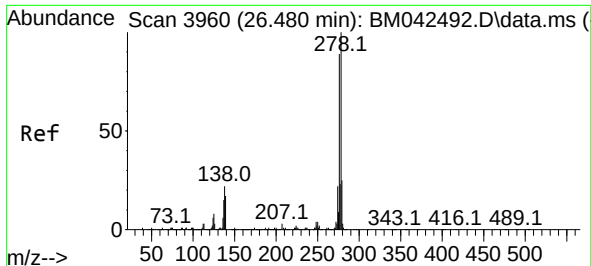
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.9 18.7 28.1





#91
 Dibenzo(a,h)anthracene
 Concen: 4.166 ng
 RT: 26.474 min Scan# 3959
 Delta R.T. 0.006 min
 Lab File: BM042589.D
 Acq: 04 Nov 2023 13:41

Instrument :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	130.8	13.4	20.2#
279	143.6	19.7	29.5#

