

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103023\
 Data File : BM042500.D
 Acq On : 30 Oct 2023 18:49
 Operator : MA/JU
 Sample : PB156526BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BL

Quant Time: Oct 31 03:45:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 02:55:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	86618	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	304562	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	161765	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	301560	20.000	ng	0.00
76) Chrysene-d12	21.509	240	231517	20.000	ng	0.00
86) Perylene-d12	23.927	264	256873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	537086	100.071	ng	0.00
7) Phenol-d6	7.093	99	674642	91.654	ng	0.00
23) Nitrobenzene-d5	9.128	82	636868	97.479	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	171491	81.199	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1184940	98.566	ng	0.00
79) Terphenyl-d14	19.939	244	1459624	106.901	ng	0.00

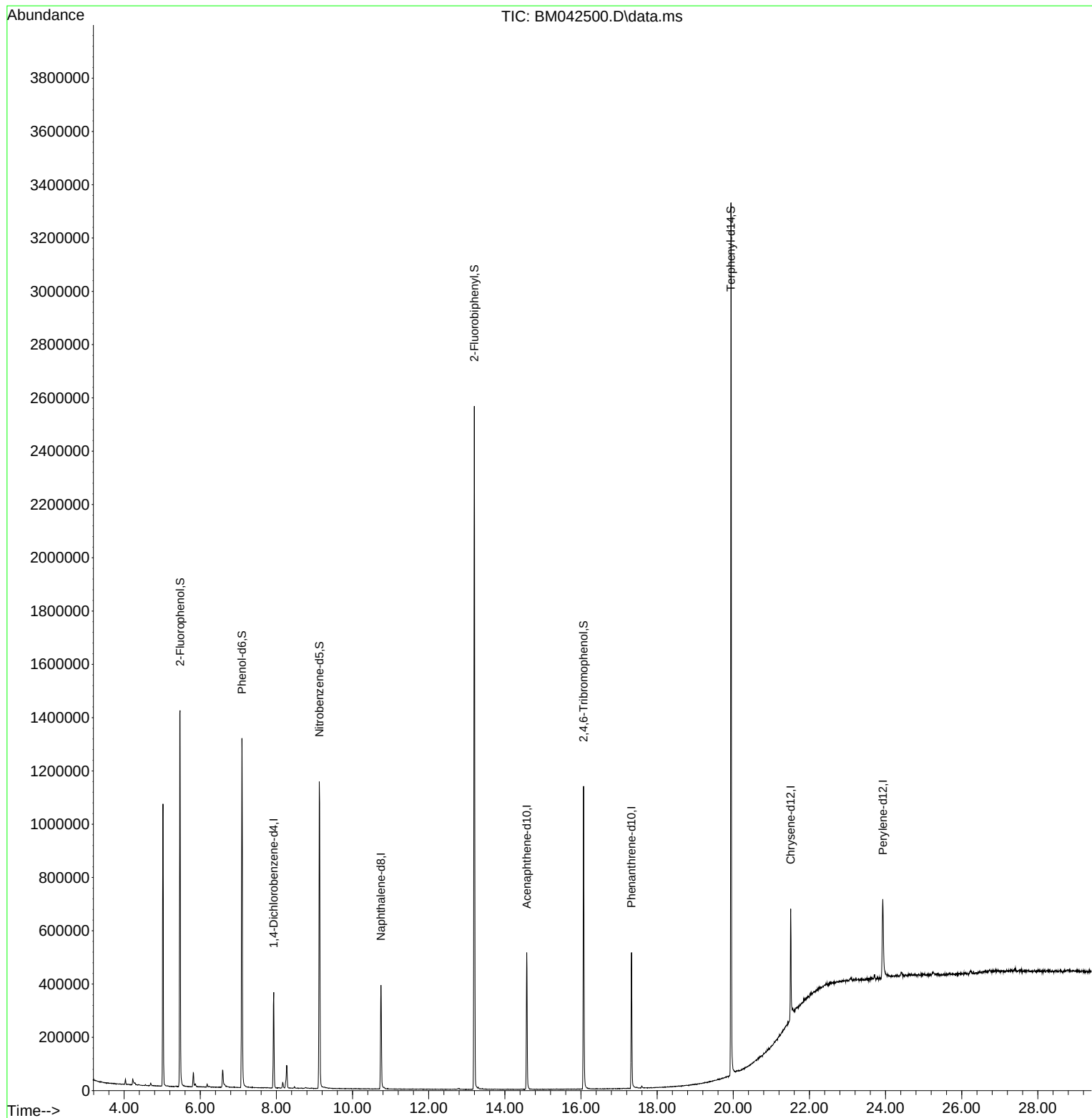
Target Compounds	Qvalue

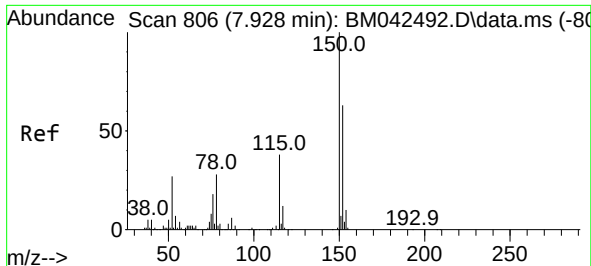
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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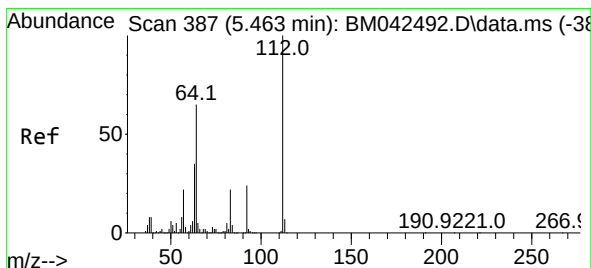
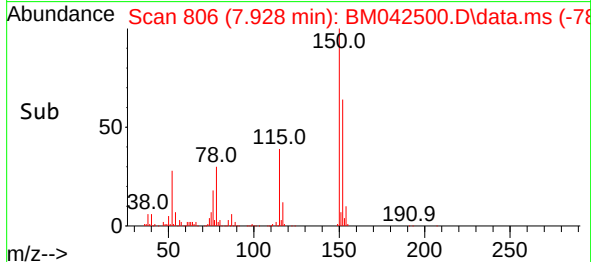
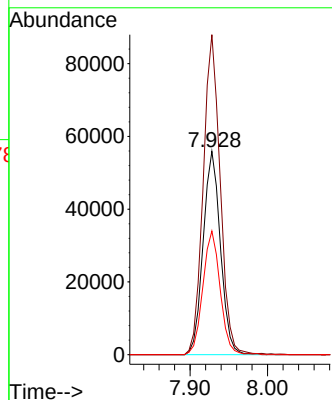
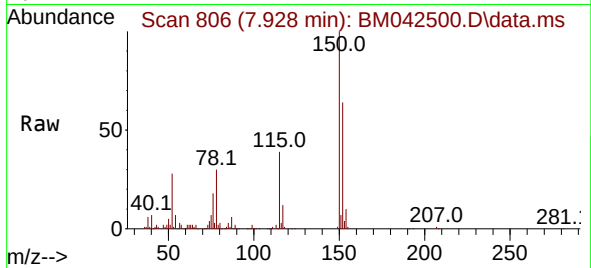




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. 0.000 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

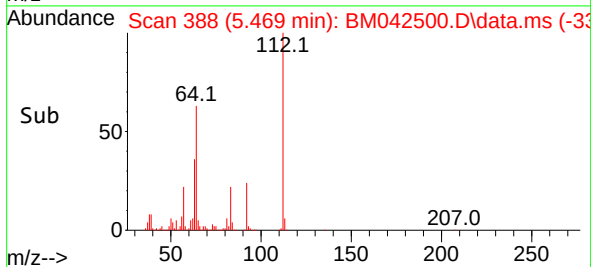
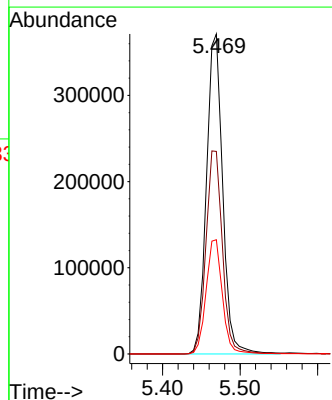
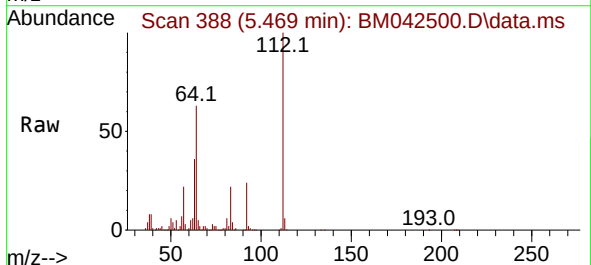
Instrument :
BNA_M
ClientSampleId :
PB156526BL

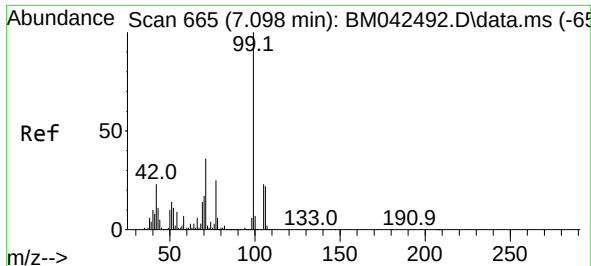
Tgt Ion:152 Resp: 86618
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.9 47.9 71.9



#5
2-Fluorophenol
Concen: 100.071 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

Tgt Ion:112 Resp: 537086
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 35.7 28.3 42.5

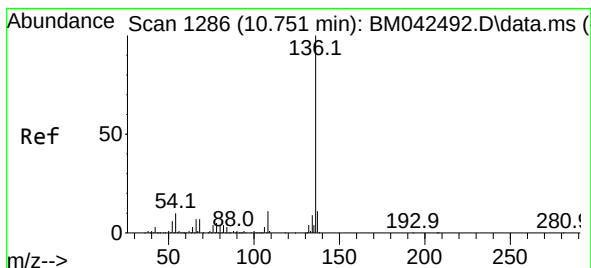
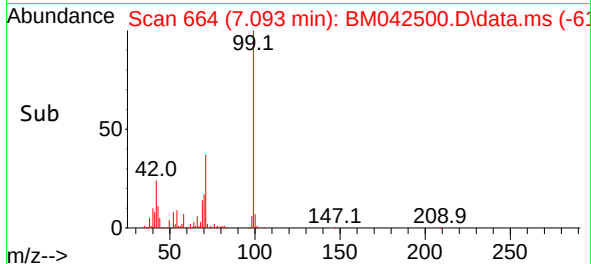
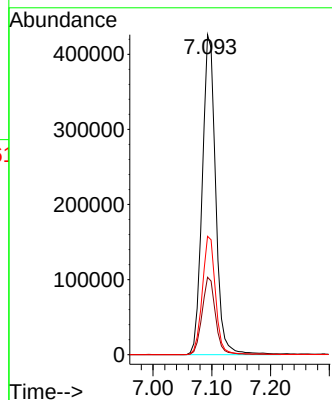
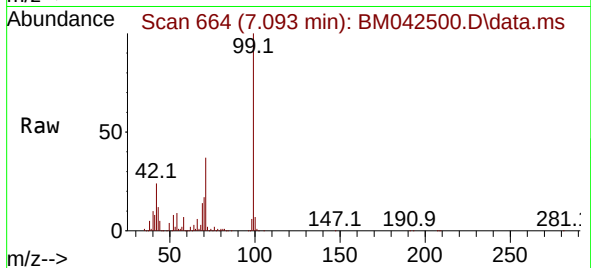




#7
Phenol-d6
Concen: 91.654 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

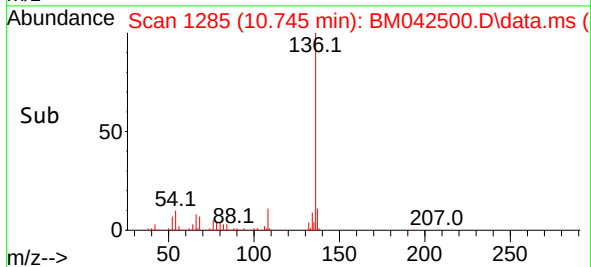
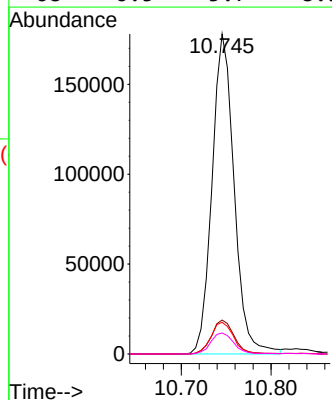
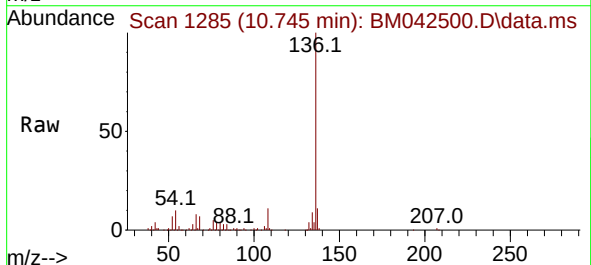
Instrument :
BNA_M
ClientSampleId :
PB156526BL

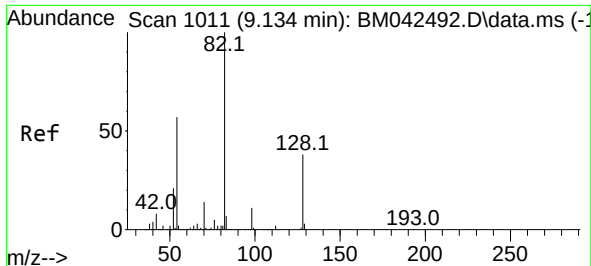
Tgt Ion: 99 Resp: 674642
Ion Ratio Lower Upper
99 100
42 24.2 18.7 28.1
71 37.0 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

Tgt Ion: 136 Resp: 304562
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.9 8.0 12.0
68 6.5 5.7 8.5

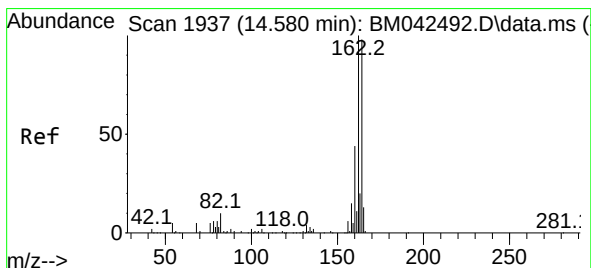
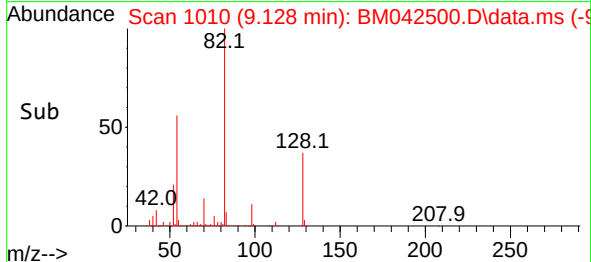
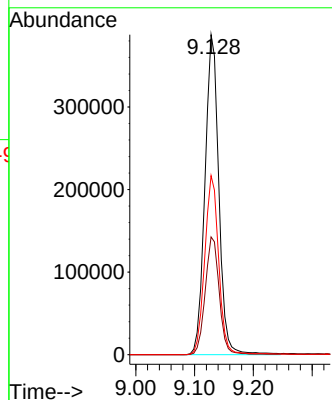
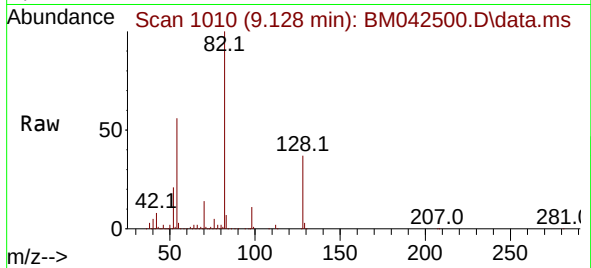




#23
Nitrobenzene-d5
Concen: 97.479 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

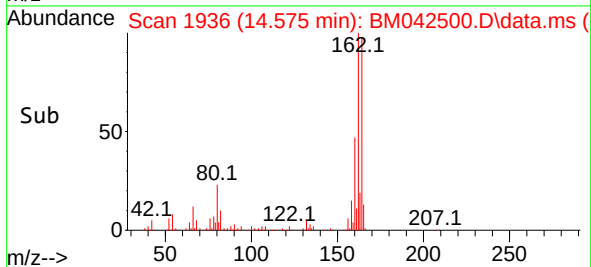
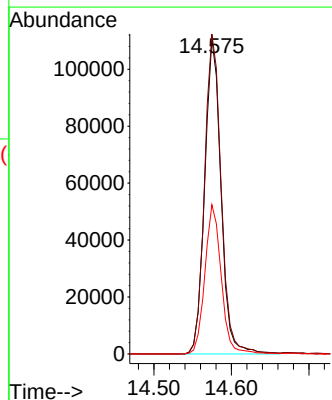
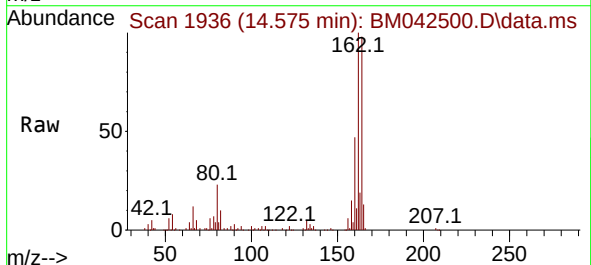
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BNA_M
ClientSampleId :
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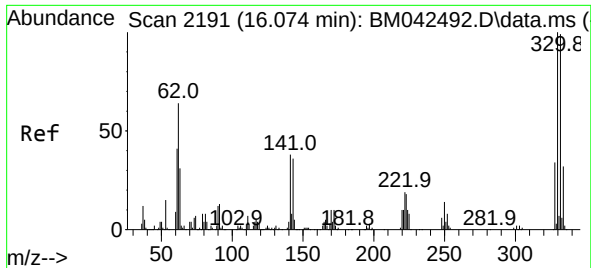
Tgt Ion: 82 Resp: 636868
Ion Ratio Lower Upper
82 100
128 36.8 30.7 46.1
54 55.9 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

Tgt Ion:164 Resp: 161765
Ion Ratio Lower Upper
164 100
162 101.6 81.6 122.4
160 47.4 36.2 54.4

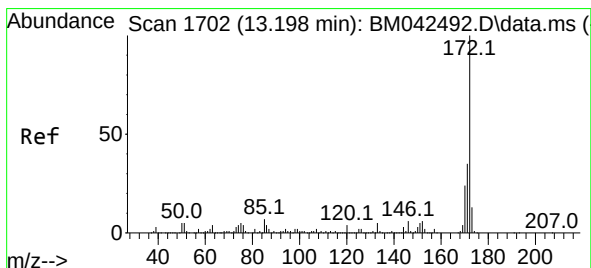
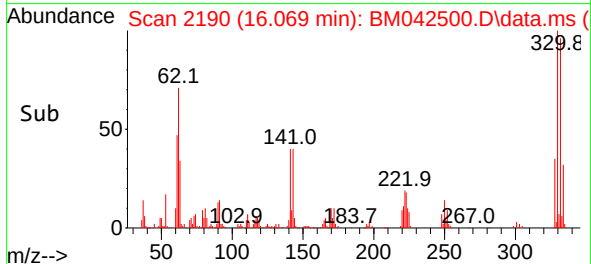
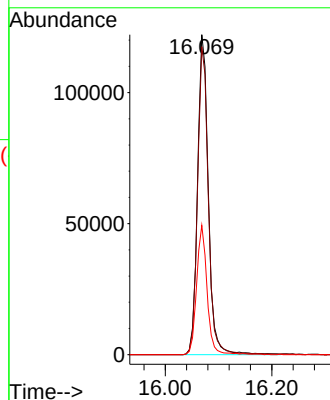
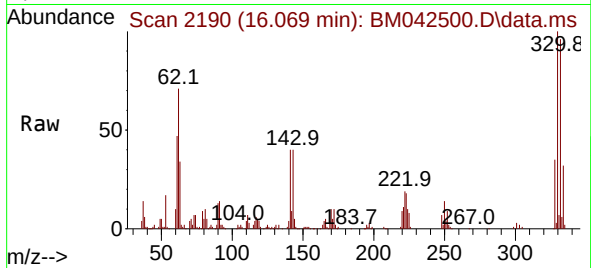




#42
2,4,6-Tribromophenol
Concen: 81.199 ng
RT: 16.069 min Scan# 2191
Delta R.T. -0.005 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

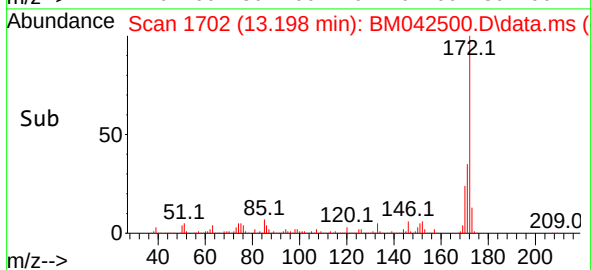
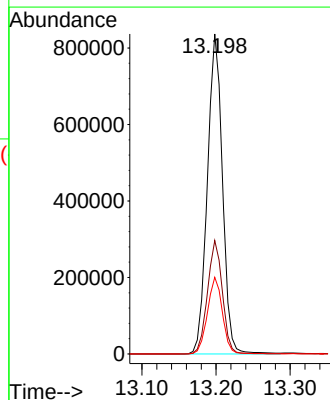
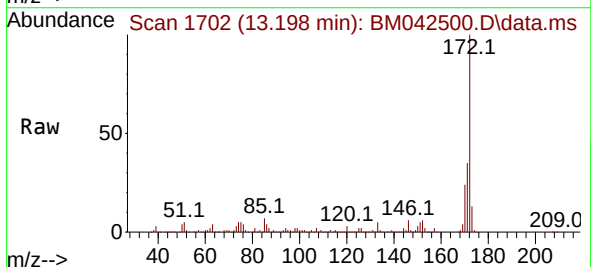
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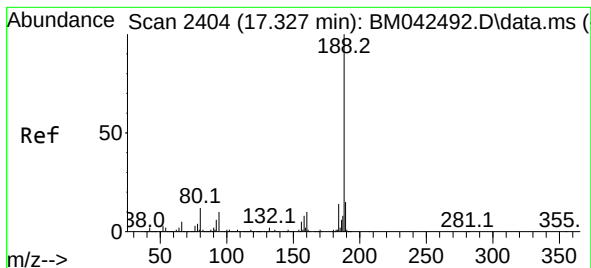
Tgt Ion:330 Resp: 171491
Ion Ratio Lower Upper
330 100
332 96.3 78.8 118.2
141 39.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.566 ng
RT: 13.198 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

Tgt Ion:172 Resp: 1184940
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 24.0 19.0 28.4

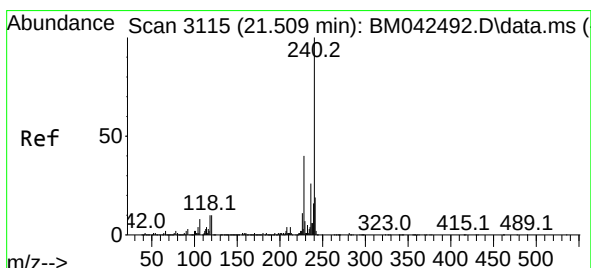
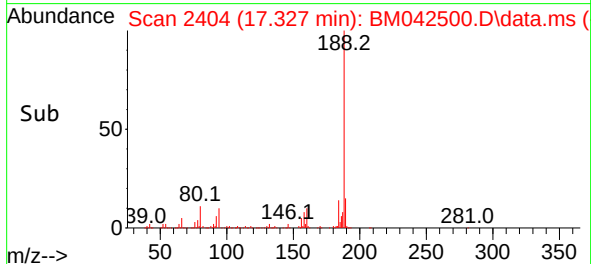
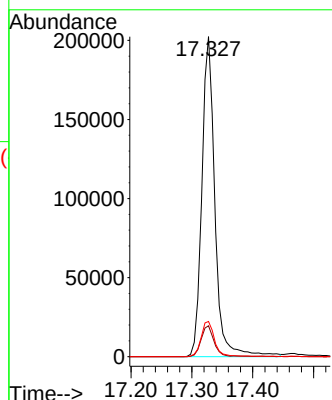
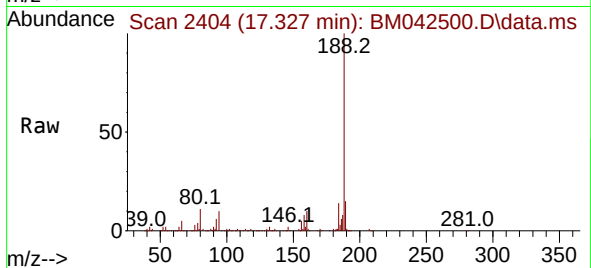




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

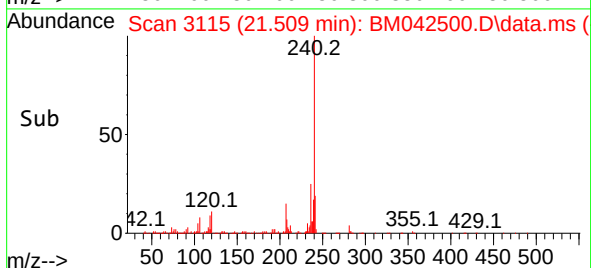
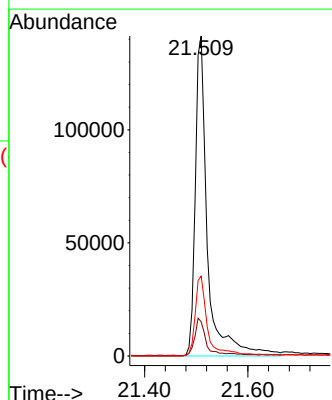
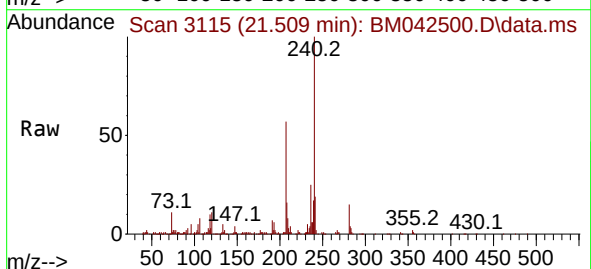
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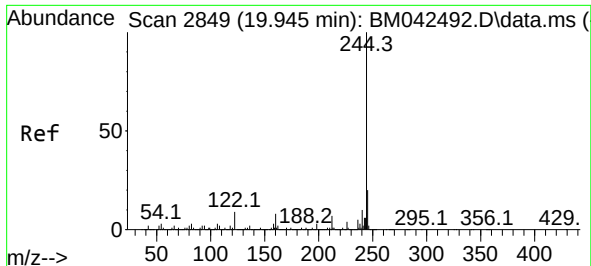
Tgt Ion:188 Resp: 301560
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 11.0 9.4 14.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.509 min Scan# 3115
Delta R.T. 0.000 min
Lab File: BM042500.D
Acq: 30 Oct 2023 18:49

Tgt Ion:240 Resp: 231517
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 24.9 20.8 31.2

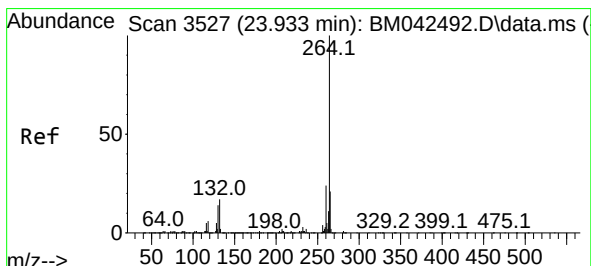
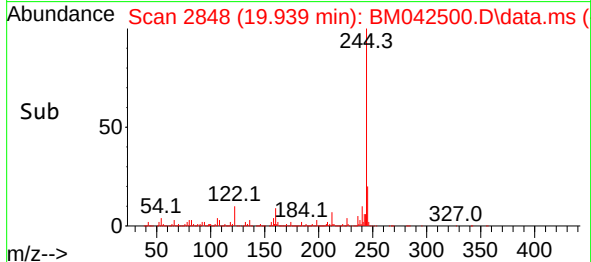
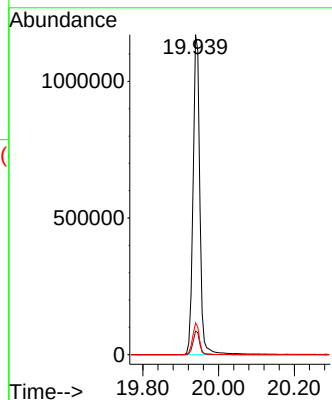
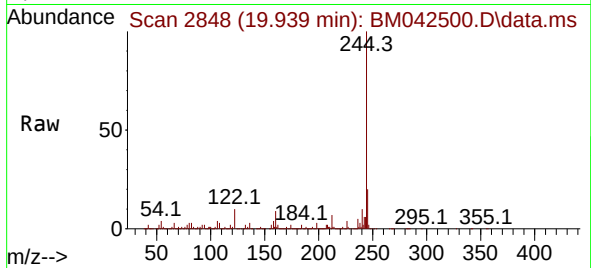




#79
 Terphenyl-d14
 Concen: 106.901 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042500.D
 Acq: 30 Oct 2023 18:49

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BL

Tgt Ion:244 Resp: 1459624
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 10.0 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.927 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BM042500.D
 Acq: 30 Oct 2023 18:49

Tgt Ion:264 Resp: 256873
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 24.3 18.7 28.1

