

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042514.D
 Acq On : 31 Oct 2023 17:07
 Operator : MA/JU
 Sample : PB156500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Quant Time: Nov 01 01:47:47 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	7.922	152	106733	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	392091	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	232022	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	450184	20.000	ng	0.00
76) Chrysene-d12	21.503	240	302129	20.000	ng	0.00
86) Perylene-d12	23.921	264	303627	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	983479	148.709	ng	0.00
7) Phenol-d6	7.093	99	1257134	138.602	ng	0.00
23) Nitrobenzene-d5	9.128	82	818366	97.297	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	435929	143.907	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1673307	97.043	ng	0.00
79) Terphenyl-d14	19.939	244	2217892	124.472	ng	0.00

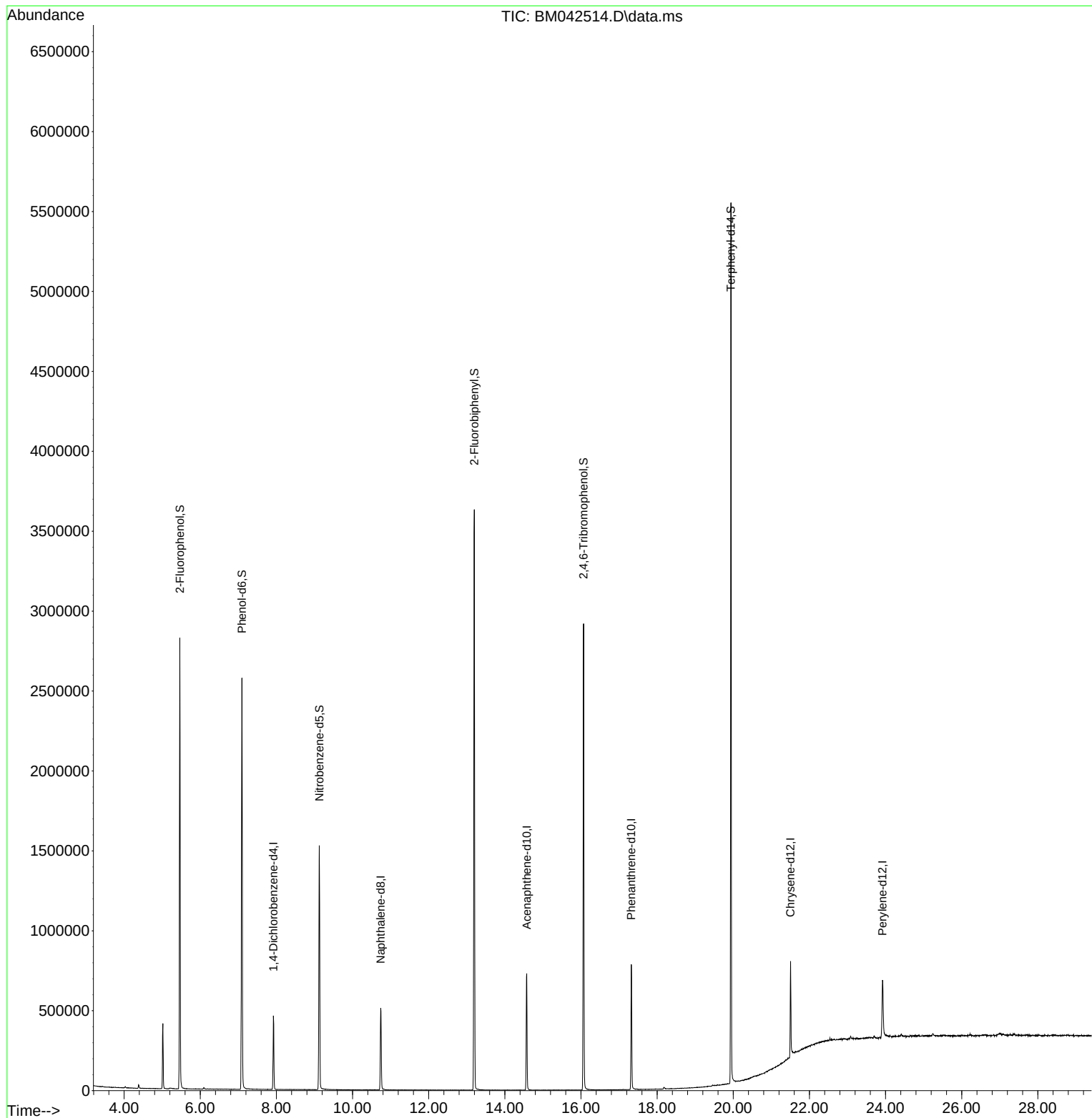
Target Compounds	Qvalue

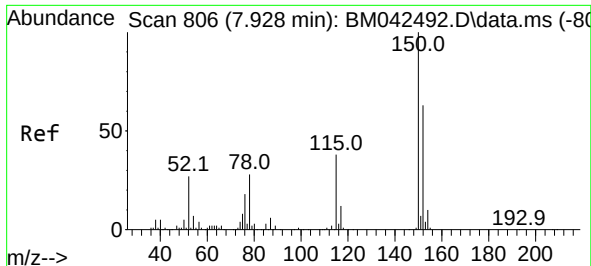
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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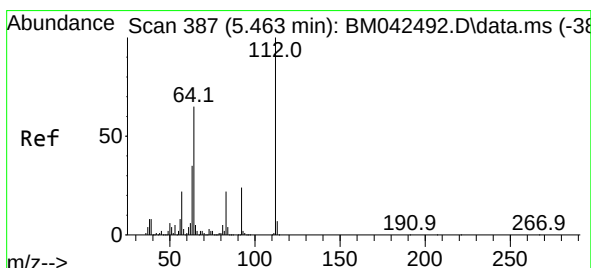
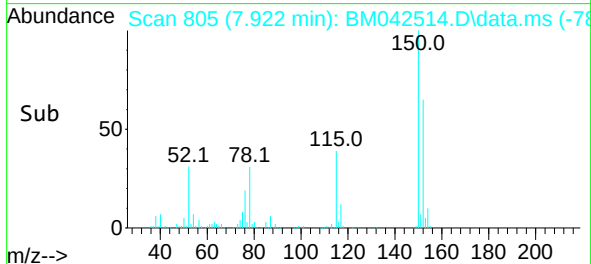
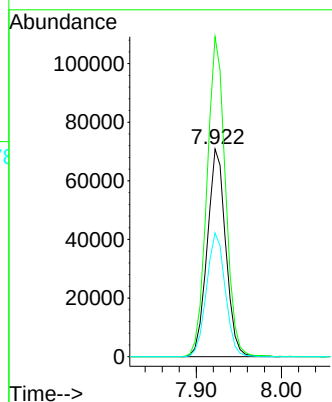
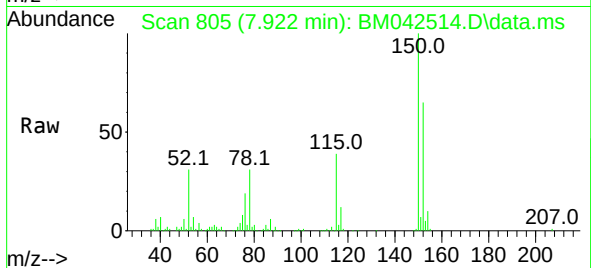




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

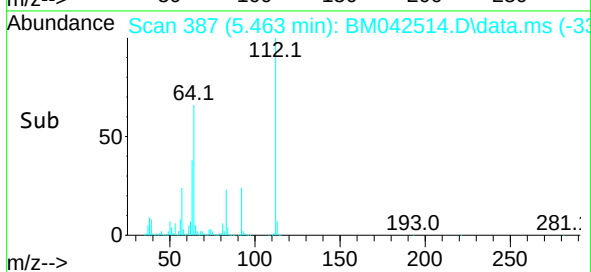
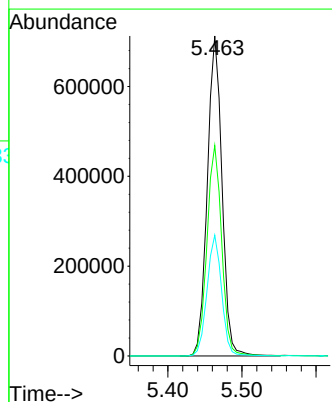
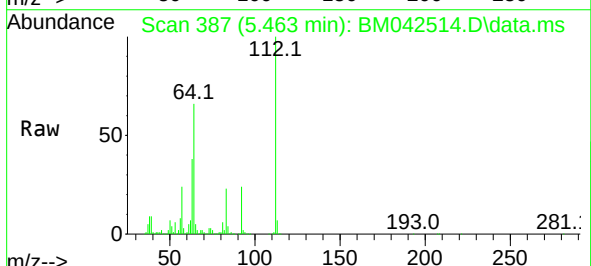
Instrument :
BNA_M
ClientSampleId :
PB156500BL

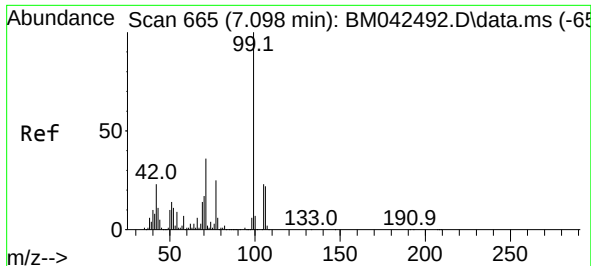
Tgt Ion:152 Resp: 106733
Ion Ratio Lower Upper
152 100
150 154.1 127.4 191.0
115 59.5 47.9 71.9



#5
2-Fluorophenol
Concen: 148.709 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.000 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

Tgt Ion:112 Resp: 983479
Ion Ratio Lower Upper
112 100
64 65.8 52.1 78.1
63 37.8 28.3 42.5

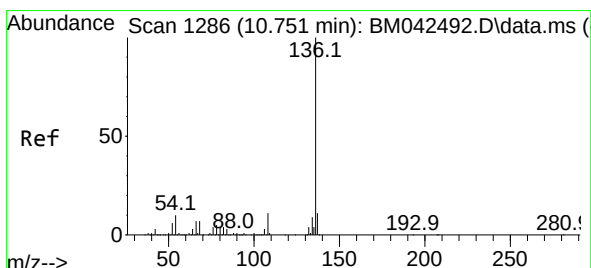
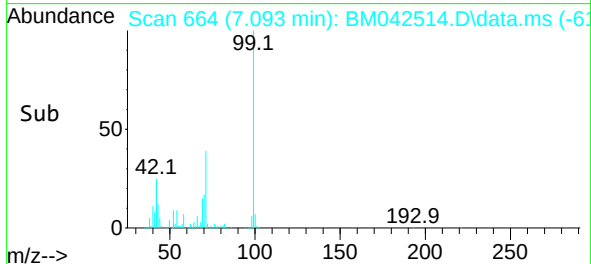
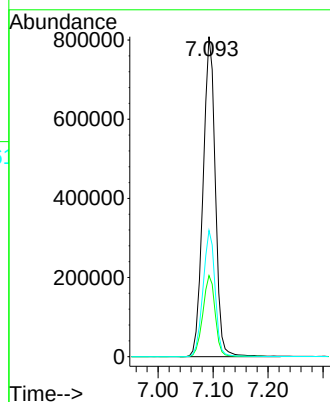
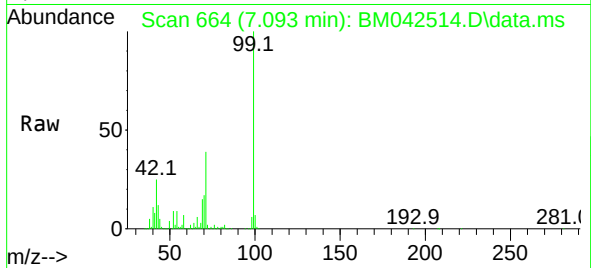




#7
Phenol-d6
Concen: 138.602 ng
RT: 7.093 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

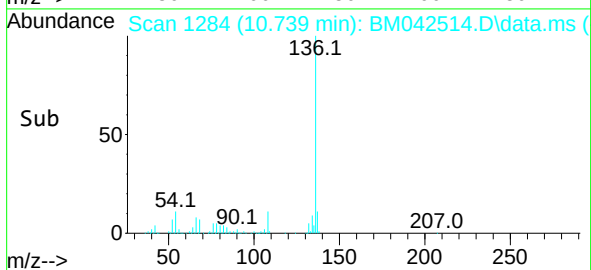
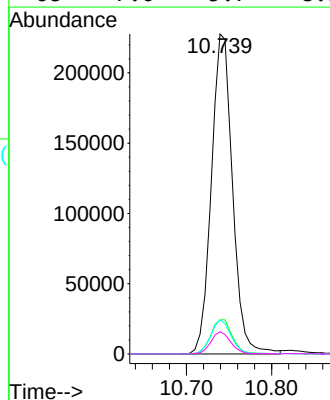
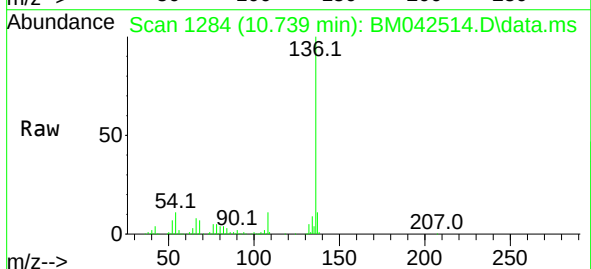
Instrument :
BNA_M
ClientSampleId :
PB156500BL

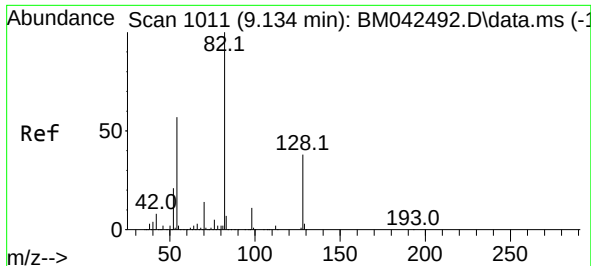
Tgt Ion: 99 Resp: 1257134
Ion Ratio Lower Upper
99 100
42 25.4 18.7 28.1
71 39.5 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.012 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

Tgt Ion: 136 Resp: 392091
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.7 8.0 12.0
68 7.0 5.7 8.5

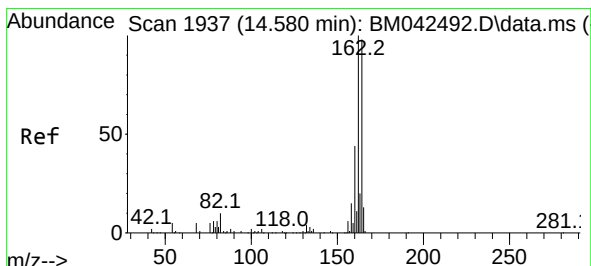
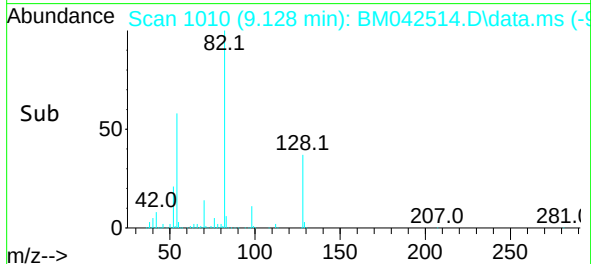
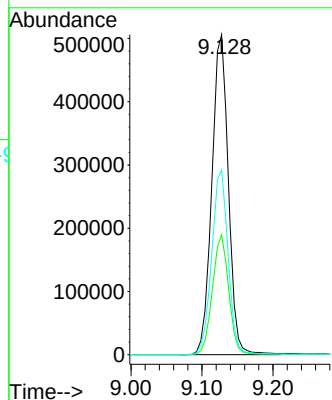
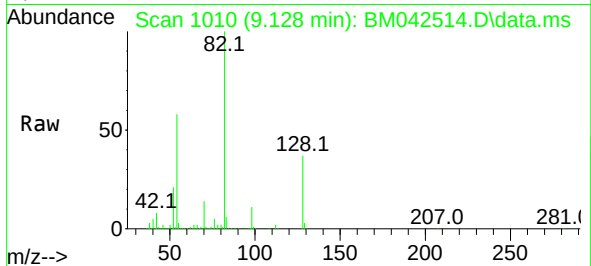




#23
Nitrobenzene-d5
Concen: 97.297 ng
RT: 9.128 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

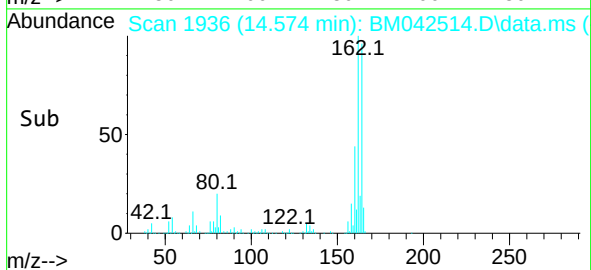
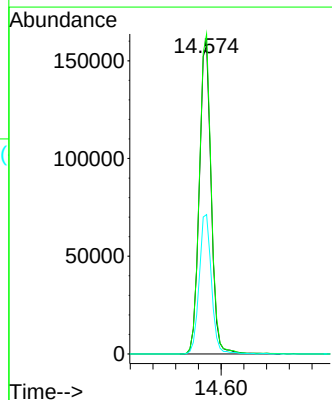
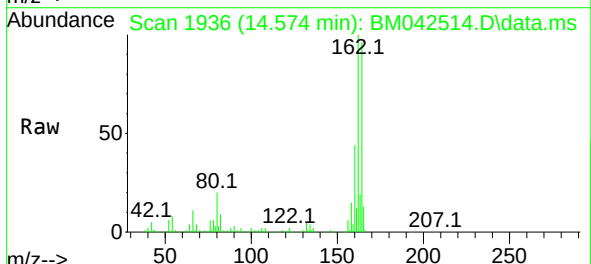
Instrument :
BNA_M
ClientSampleId :
PB156500BL

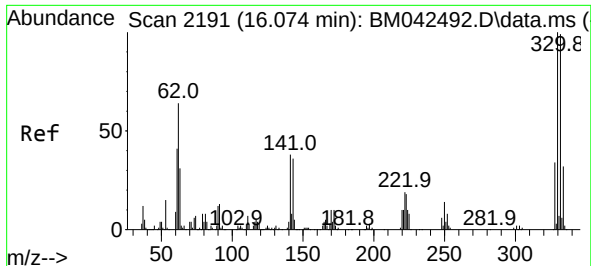
Tgt Ion: 82 Resp: 818366
Ion Ratio Lower Upper
82 100
128 37.4 30.7 46.1
54 57.8 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

Tgt Ion: 164 Resp: 232022
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 45.1 36.2 54.4

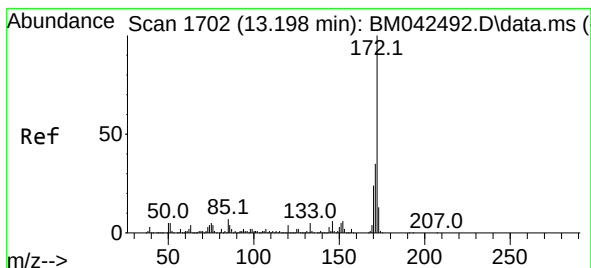
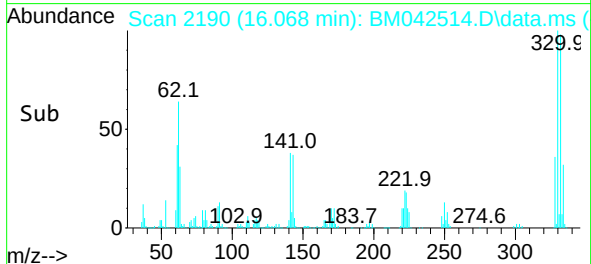
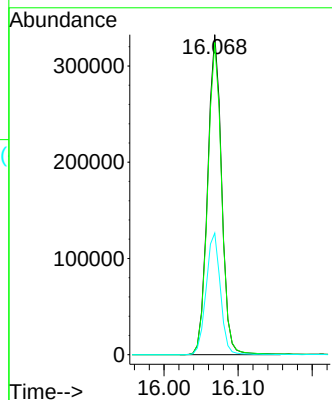
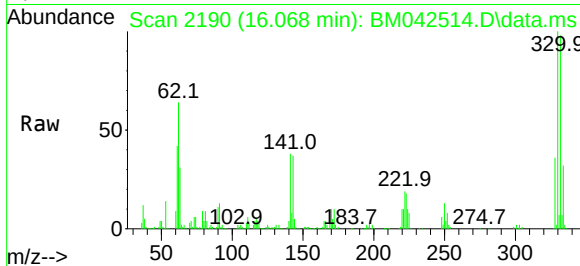




#42
2,4,6-Tribromophenol
Concen: 143.907 ng
RT: 16.068 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

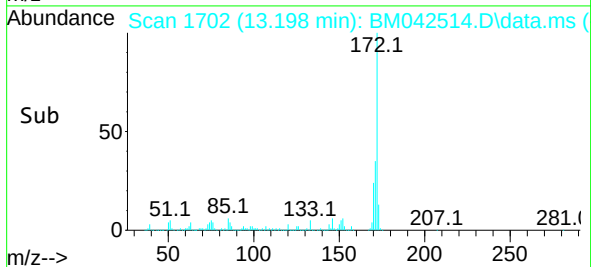
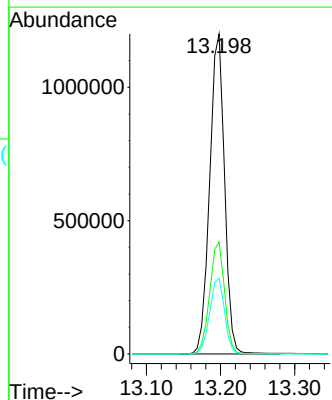
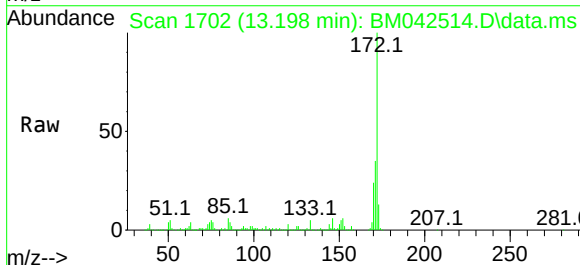
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BNA_M
ClientSampleId :
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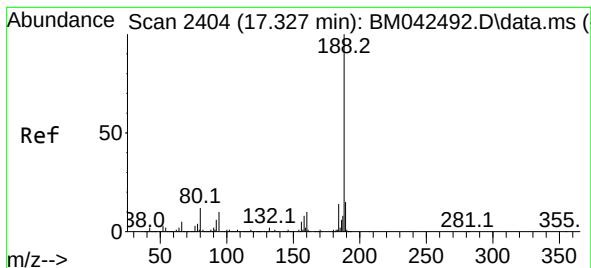
Tgt Ion:330 Resp: 435929
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 38.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 97.043 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BM042514.D
Acq: 31 Oct 2023 17:07

Tgt Ion:172 Resp: 1673307
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM042514.D

Acq: 31 Oct 2023 17:07

Instrument :

BNA_M

ClientSampleId :

PB156500BL

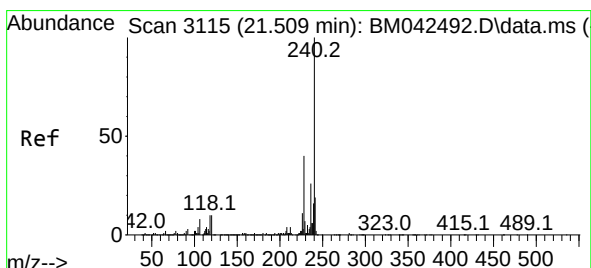
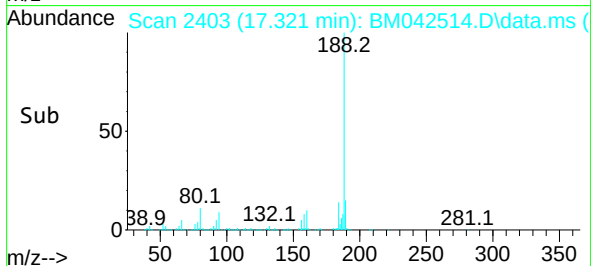
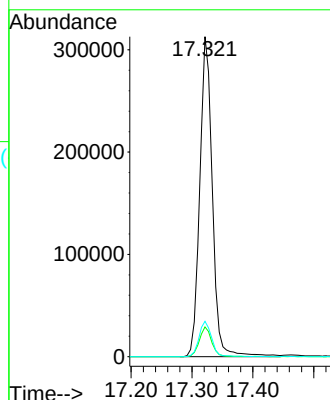
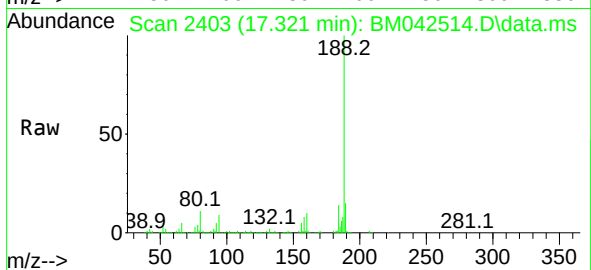
Tgt Ion:188 Resp: 450184

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 11.0 9.4 14.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM042514.D

Acq: 31 Oct 2023 17:07

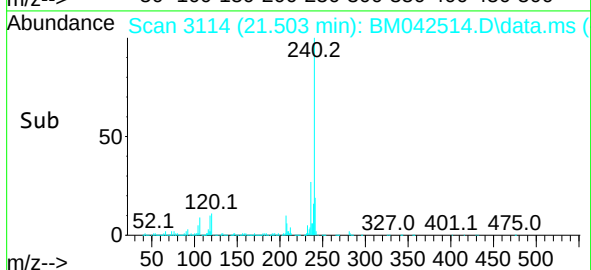
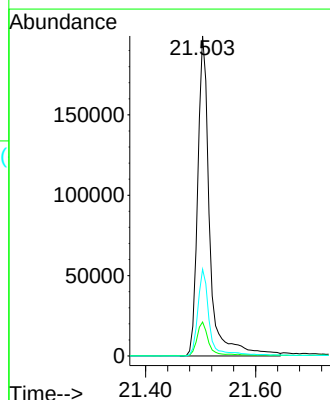
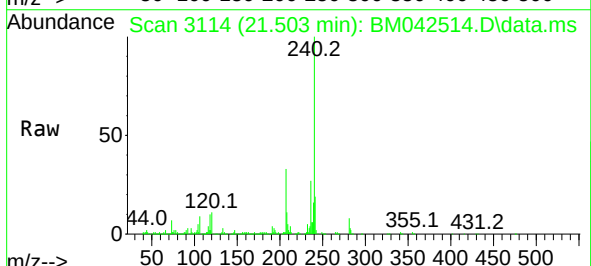
Tgt Ion:240 Resp: 302129

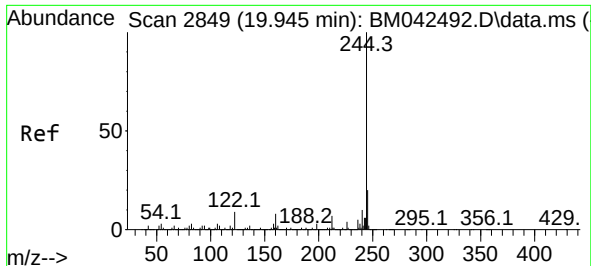
Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

236 27.1 20.8 31.2

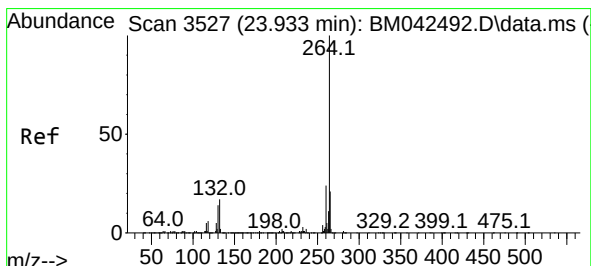
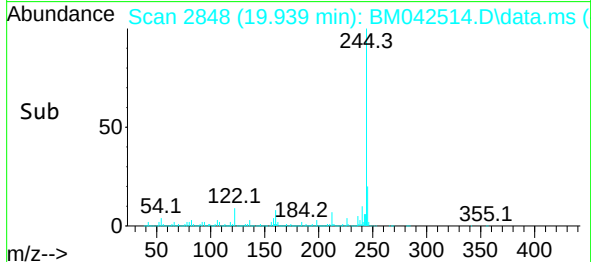
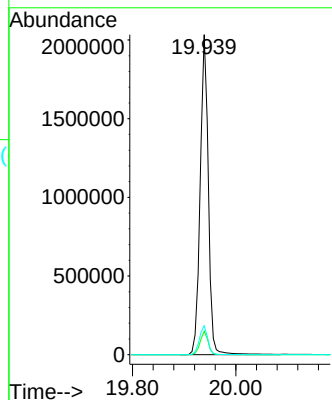
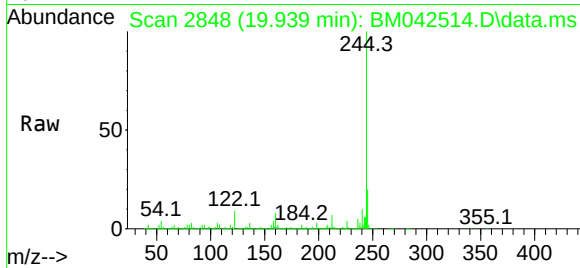




#79
 Terphenyl-d14
 Concen: 124.472 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042514.D
 Acq: 31 Oct 2023 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Tgt Ion:244 Resp: 2217892
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 9.1 7.2 10.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.921 min Scan# 3525
 Delta R.T. -0.012 min
 Lab File: BM042514.D
 Acq: 31 Oct 2023 17:07

Tgt Ion:264 Resp: 303627
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 23.2 18.7 28.1

