

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042506.D
 Acq On : 31 Oct 2023 11:48
 Operator : MA/JU
 Sample : PB156500BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Quant Time: Nov 01 01:24:15 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	105302	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	392924	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	230257	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	451399	20.000	ng	0.00
76) Chrysene-d12	21.503	240	332871	20.000	ng	0.00
86) Perylene-d12	23.921	264	331335	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	979522	150.123	ng	0.00
7) Phenol-d6	7.098	99	1237217	138.260	ng	0.00
23) Nitrobenzene-d5	9.128	82	825361	97.921	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	449802	149.625	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	1705641	99.676	ng	0.00
79) Terphenyl-d14	19.939	244	2276158	115.945	ng	0.00

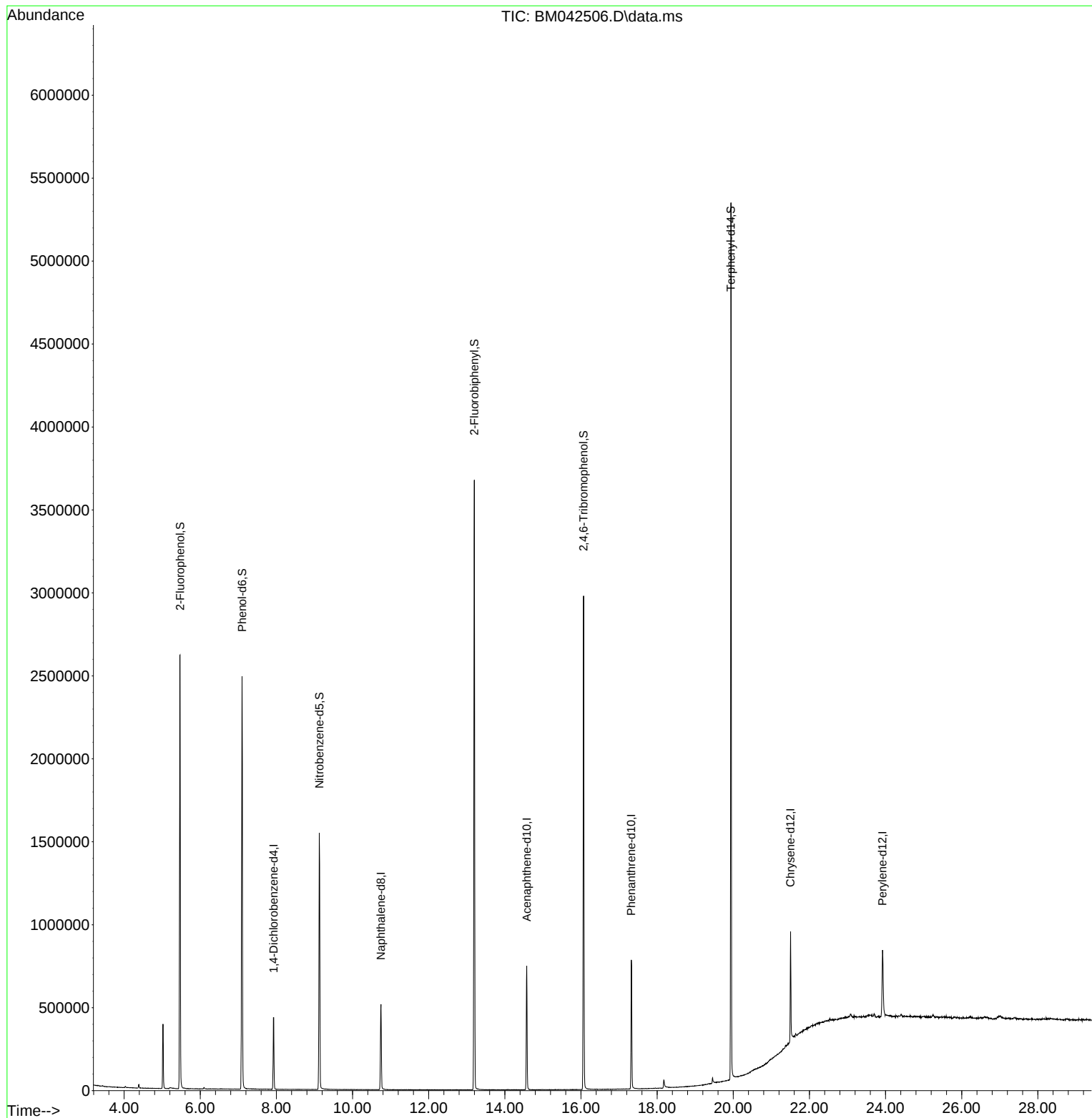
Target Compounds	Qvalue
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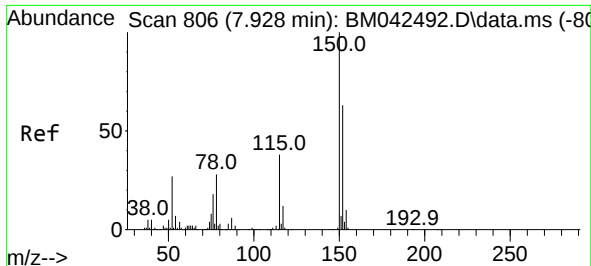
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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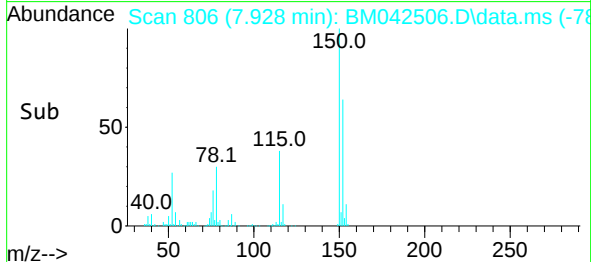
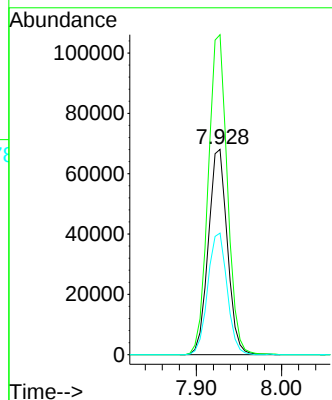
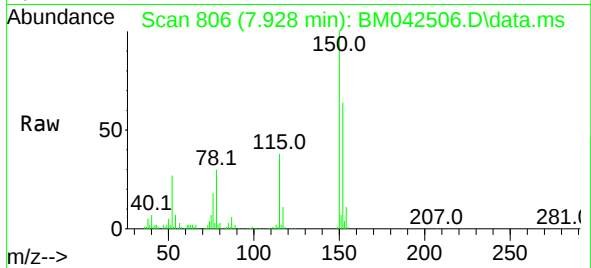




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

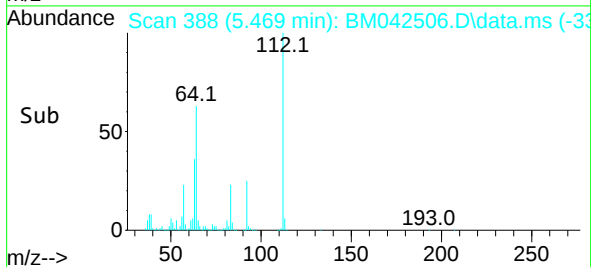
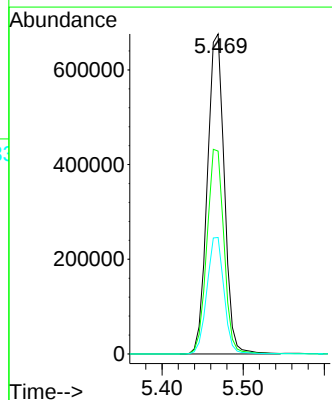
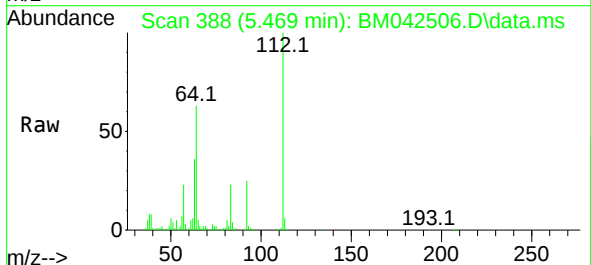
Instrument :
BNA_M
ClientSampleId :
PB156500BL

Tgt Ion:152 Resp: 105302
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 150.123 ng
RT: 5.469 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

Tgt Ion:112 Resp: 979522
Ion Ratio Lower Upper
112 100
64 63.4 52.1 78.1
63 36.4 28.3 42.5

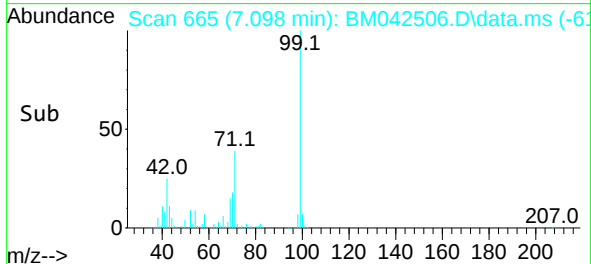
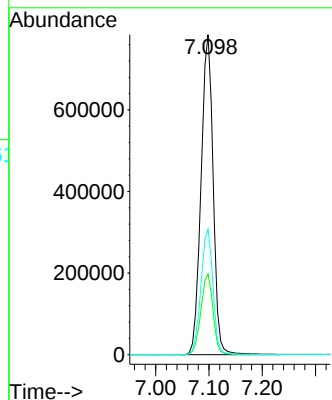
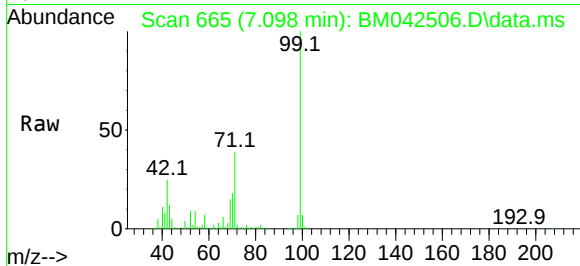




#7
Phenol-d6
Concen: 138.260 ng
RT: 7.098 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

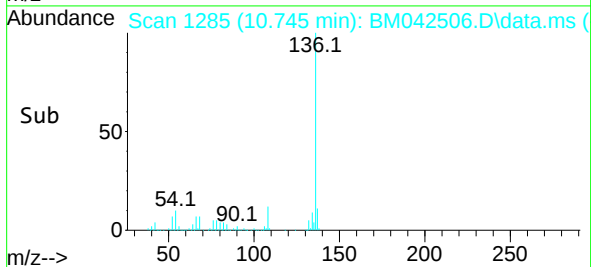
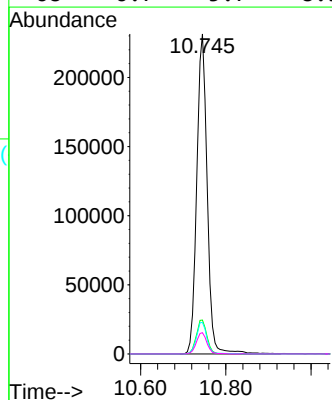
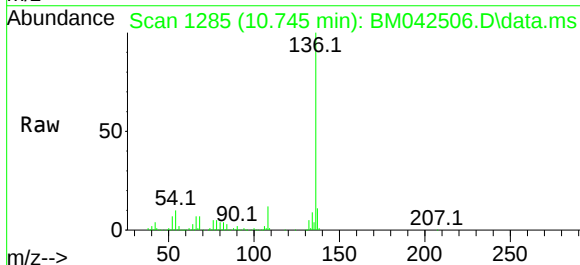
Instrument :
BNA_M
ClientSampleId :
PB156500BL

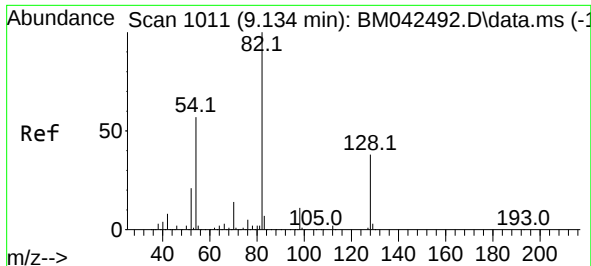
Tgt Ion: 99 Resp: 1237217
Ion Ratio Lower Upper
99 100
42 25.2 18.7 28.1
71 39.2 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 136 Resp: 392924
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.0 12.0
68 6.7 5.7 8.5

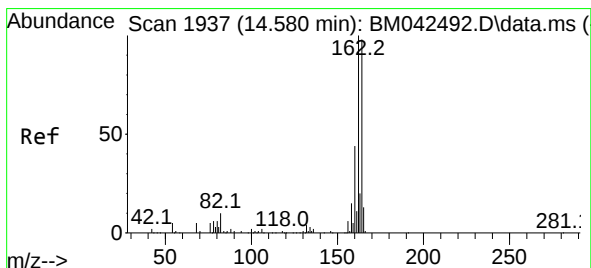
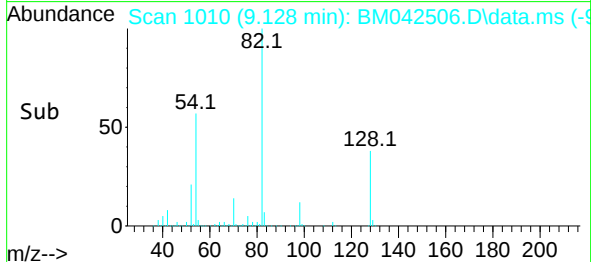
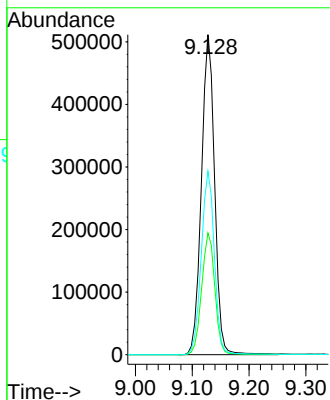
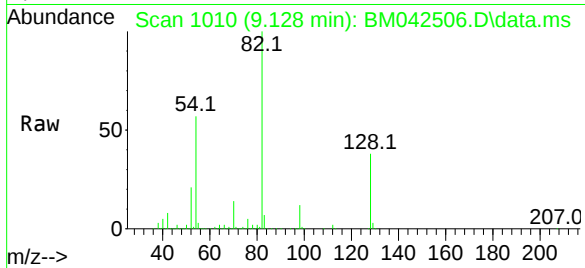




#23
Nitrobenzene-d5
Concen: 97.921 ng
RT: 9.128 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

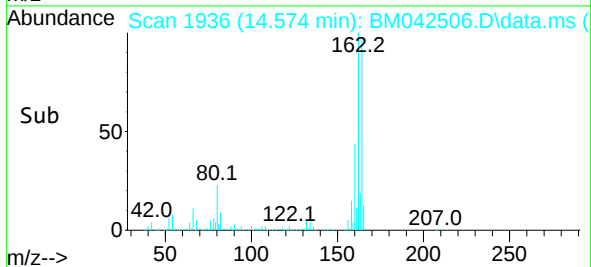
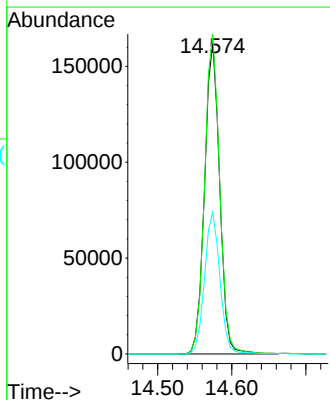
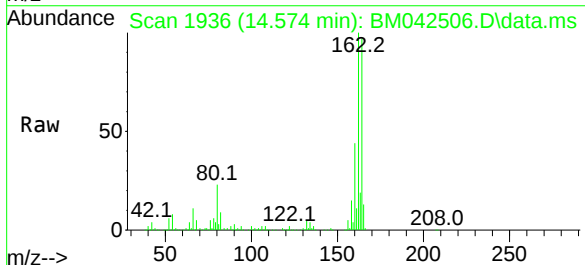
Instrument :
BNA_M
ClientSampleId :
PB156500BL

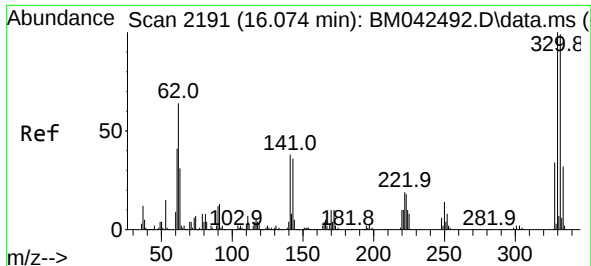
Tgt Ion: 82 Resp: 825361
Ion Ratio Lower Upper
82 100
128 38.1 30.7 46.1
54 57.3 45.3 67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM042506.D
Acq: 31 Oct 2023 11:48

Tgt Ion: 164 Resp: 230257
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 45.6 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 149.625 ng

RT: 16.068 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042506.D

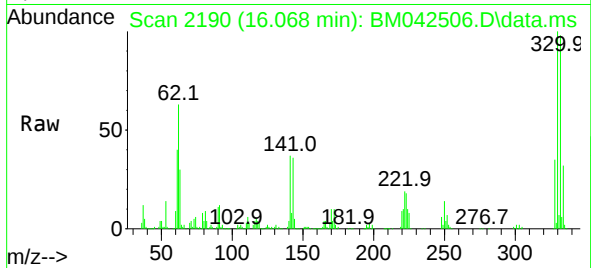
Acq: 31 Oct 2023 11:48

Instrument :

BNA_M

ClientSampleId :

PB156500BL



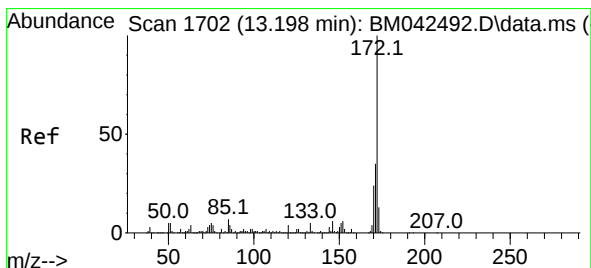
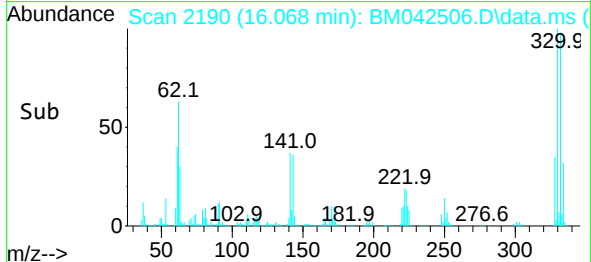
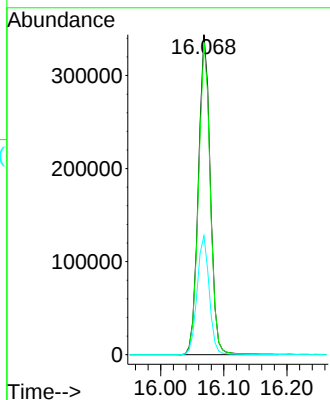
Tgt Ion:330 Resp: 449802

Ion Ratio Lower Upper

330 100

332 96.9 78.8 118.2

141 37.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.676 ng

RT: 13.198 min Scan# 1702

Delta R.T. -0.000 min

Lab File: BM042506.D

Acq: 31 Oct 2023 11:48

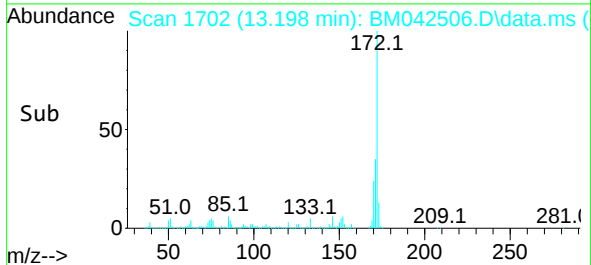
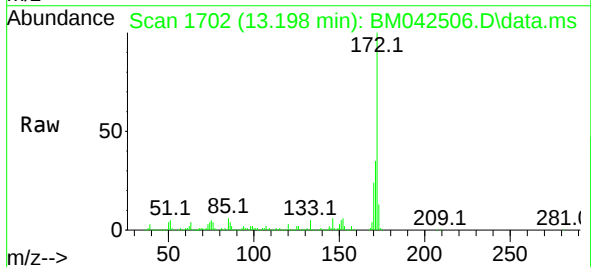
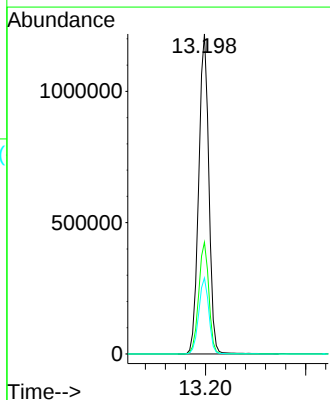
Tgt Ion:172 Resp: 1705641

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.8 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: BM042506.D

Acq: 31 Oct 2023 11:48

Instrument :

BNA_M

ClientSampleId :

PB156500BL

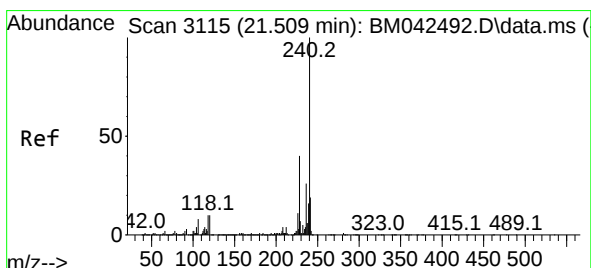
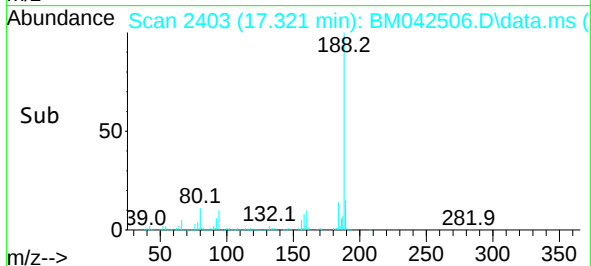
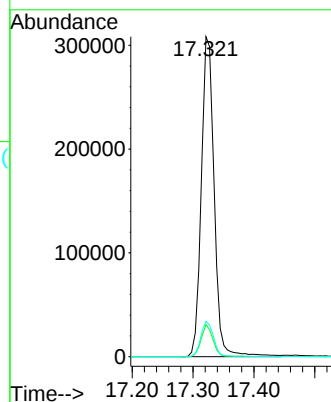
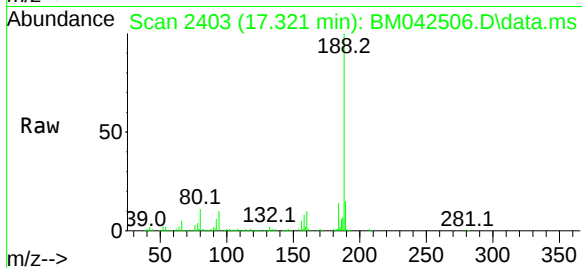
Tgt Ion:188 Resp: 451399

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.4

80 11.1 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: BM042506.D

Acq: 31 Oct 2023 11:48

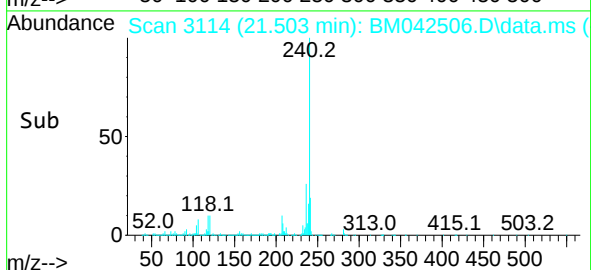
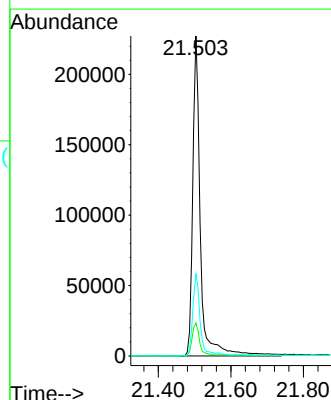
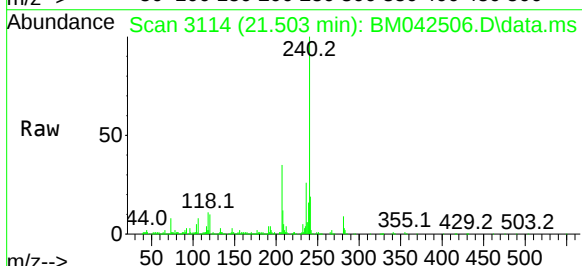
Tgt Ion:240 Resp: 332871

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

236 25.6 20.8 31.2

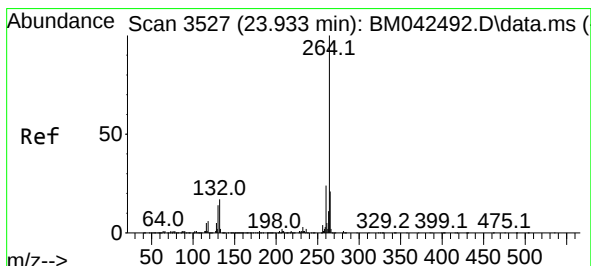
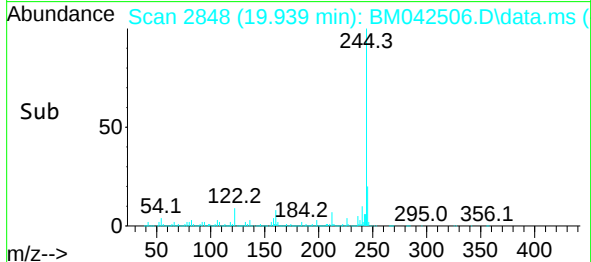
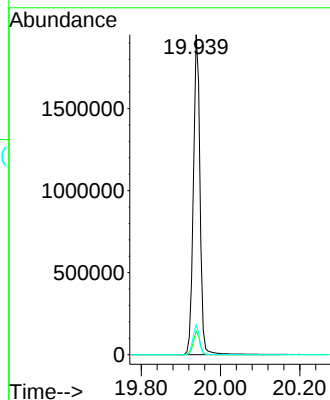
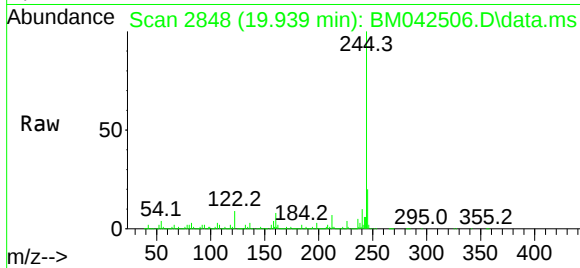




#79
 Terphenyl-d14
 Concen: 115.945 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042506.D
 Acq: 31 Oct 2023 11:48

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Tgt Ion:244 Resp: 2276158
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 9.4 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: BM042506.D
 Acq: 31 Oct 2023 11:48

Tgt Ion:264 Resp: 331335
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 22.8 18.7 28.1

