

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
 Data File : BM042529.D
 Acq On : 01 Nov 2023 02:13
 Operator : MA/JU
 Sample : 04879-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3

Quant Time: Nov 01 04:50:53 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	75420	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	261463	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	145857	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	318665	20.000	ng	0.00
76) Chrysene-d12	21.503	240	358144	20.000	ng	0.00
86) Perylene-d12	23.921	264	408669	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	369745	79.120	ng	0.00
7) Phenol-d6	7.086	99	461727	72.042	ng	-0.01
23) Nitrobenzene-d5	9.122	82	309389	55.161	ng	-0.01
42) 2,4,6-Tribromophenol	16.068	330	157114	82.505	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	583471	53.828	ng	0.00
79) Terphenyl-d14	19.939	244	1006001	47.628	ng	0.00

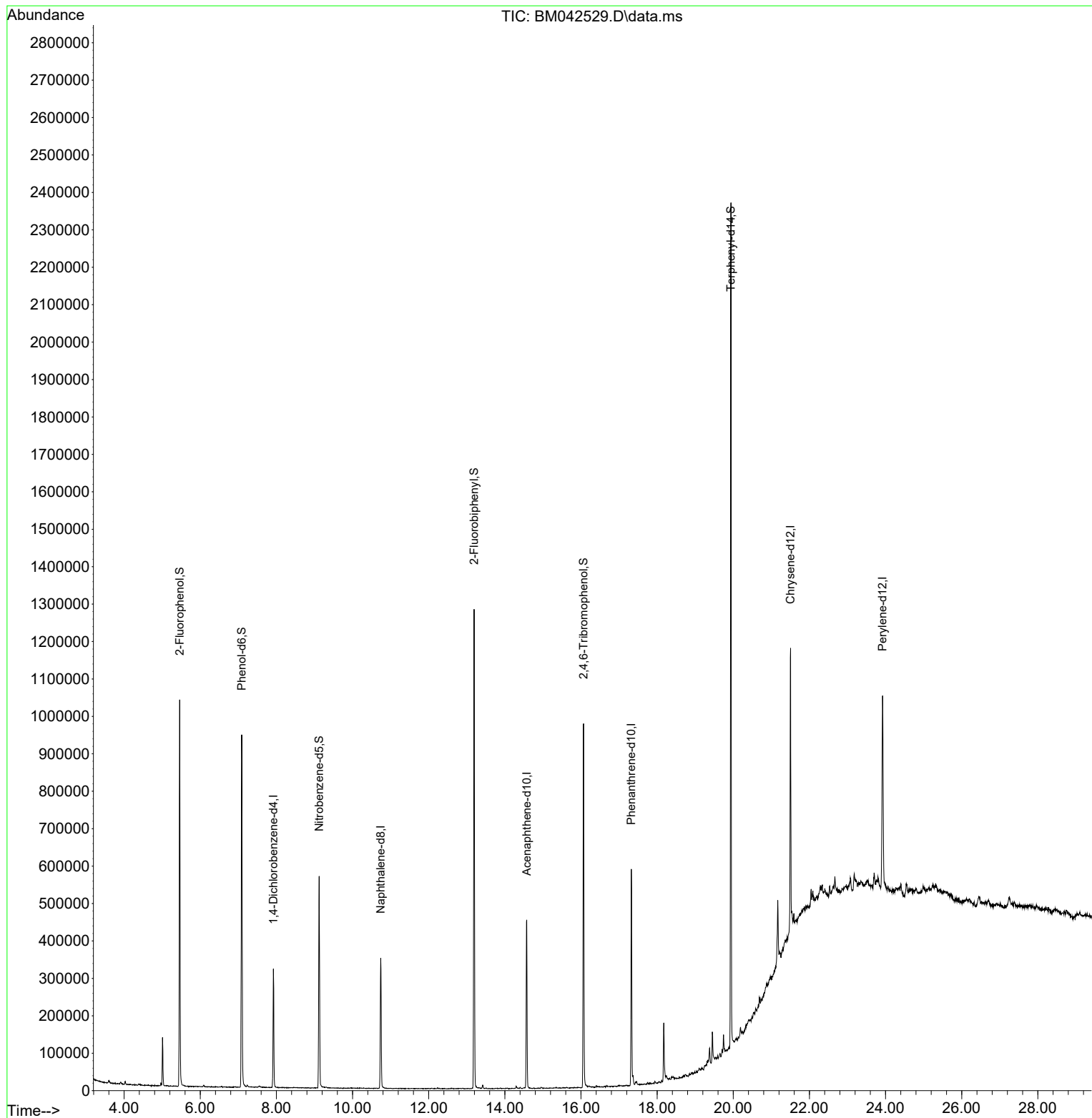
Target Compounds	Qvalue

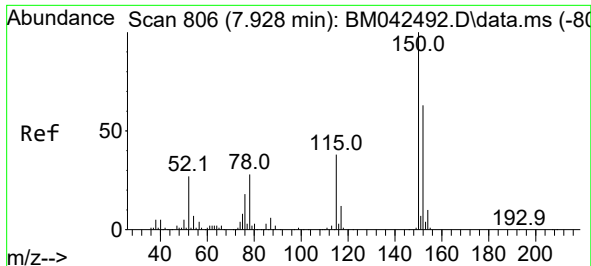
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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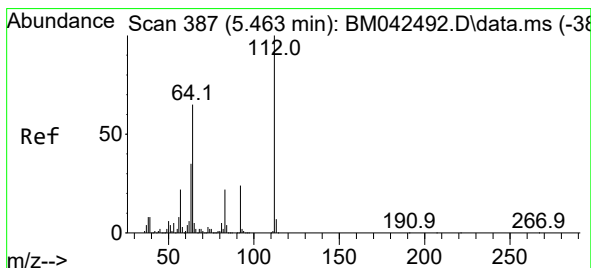
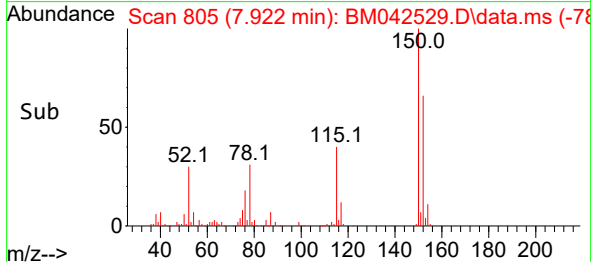
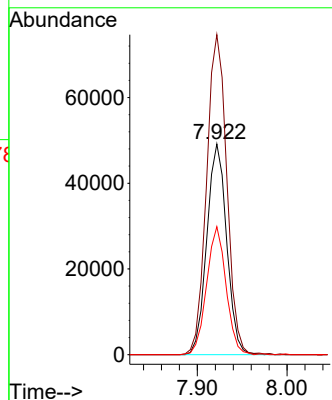
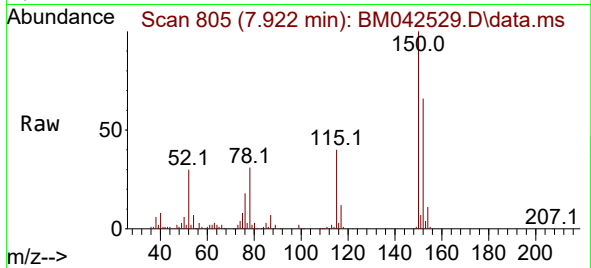




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM042529.D
Acq: 01 Nov 2023 02:13

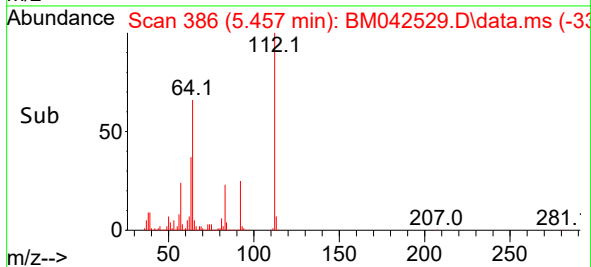
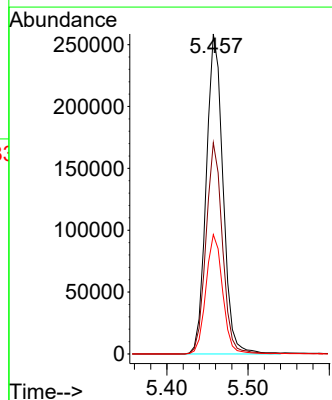
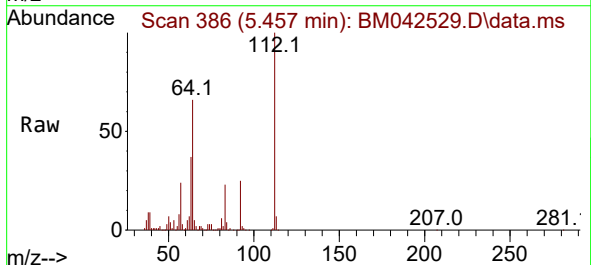
Instrument :
BNA_M
ClientSampleId :
TP-3

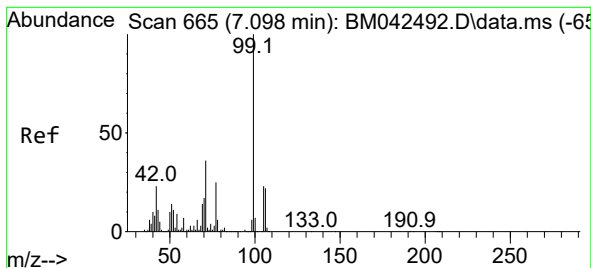
Tgt Ion:152 Resp: 75420
Ion Ratio Lower Upper
152 100
150 151.9 127.4 191.0
115 60.7 47.9 71.9



#5
2-Fluorophenol
Concen: 79.120 ng
RT: 5.457 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM042529.D
Acq: 01 Nov 2023 02:13

Tgt Ion:112 Resp: 369745
Ion Ratio Lower Upper
112 100
64 66.0 52.1 78.1
63 37.3 28.3 42.5





#7

Phenol-d6

Concen: 72.042 ng

RT: 7.086 min Scan# 6

Delta R.T. -0.012 min

Lab File: BM042529.D

Acq: 01 Nov 2023 02:13

Instrument :

BNA_M

ClientSampleId :

TP-3

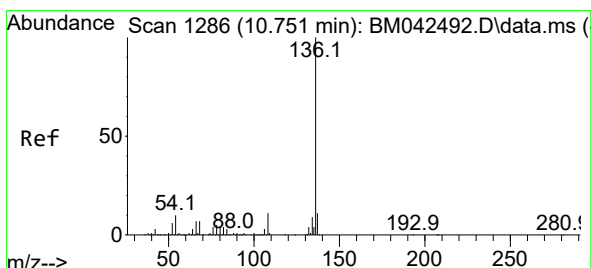
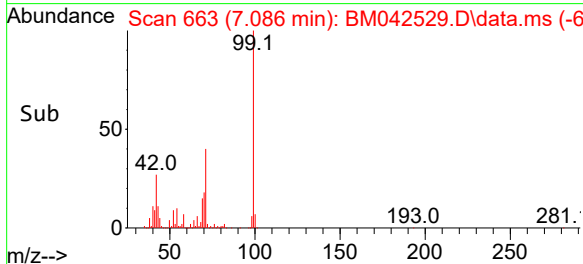
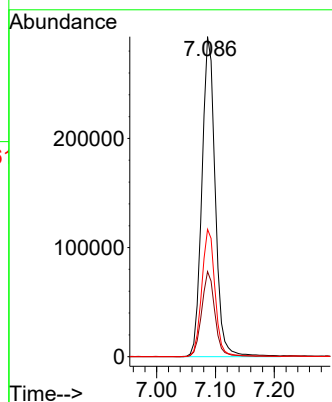
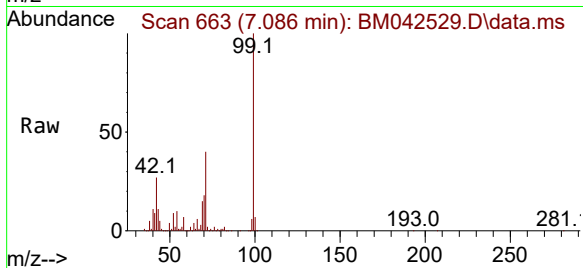
Tgt Ion: 99 Resp: 461727

Ion Ratio Lower Upper

99 100

42 26.6 18.7 28.1

71 39.8 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: BM042529.D

Acq: 01 Nov 2023 02:13

Tgt Ion: 136 Resp: 261463

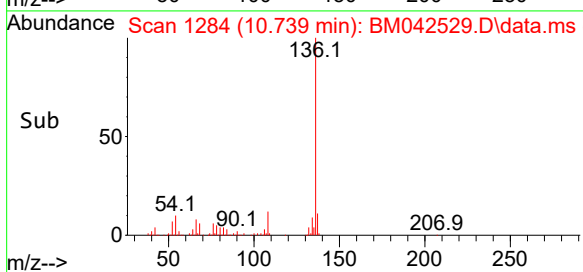
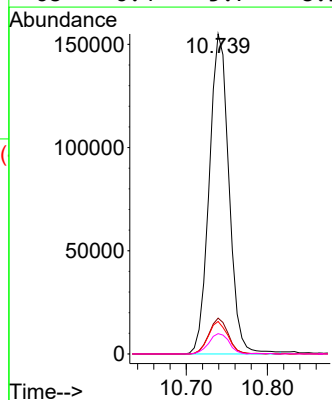
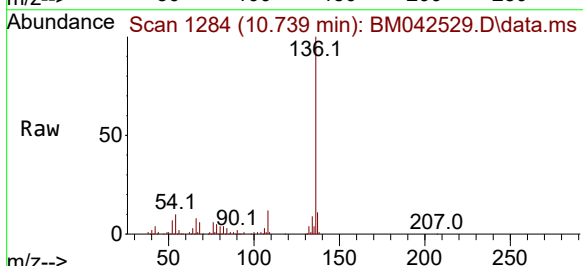
Ion Ratio Lower Upper

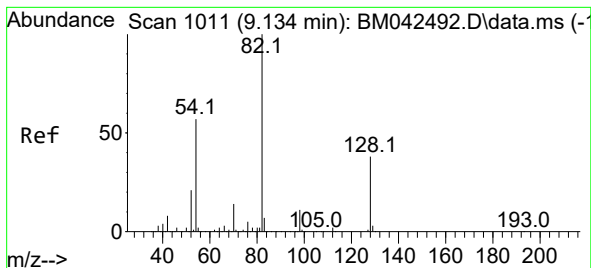
136 100

137 11.2 9.0 13.6

54 10.1 8.0 12.0

68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 55.161 ng

RT: 9.122 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BM042529.D

Acq: 01 Nov 2023 02:13

Instrument :

BNA_M

ClientSampleId :

TP-3

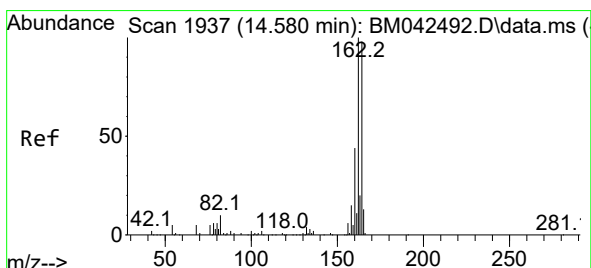
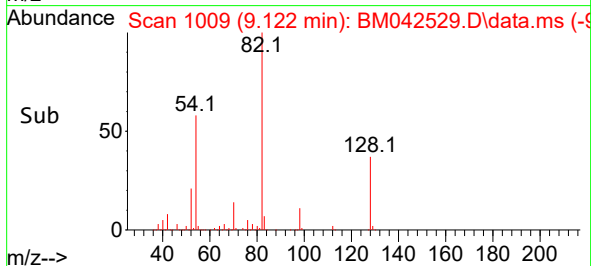
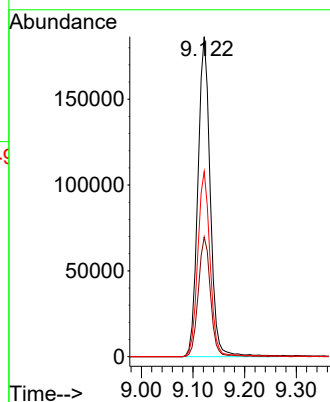
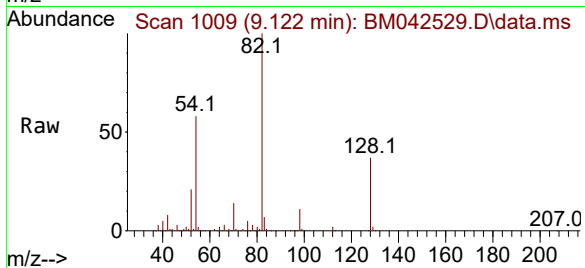
Tgt Ion: 82 Resp: 309389

Ion Ratio Lower Upper

82 100

128 37.4 30.7 46.1

54 57.9 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: BM042529.D

Acq: 01 Nov 2023 02:13

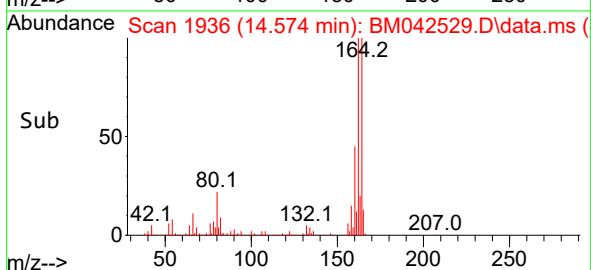
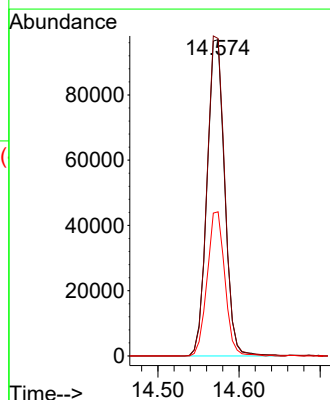
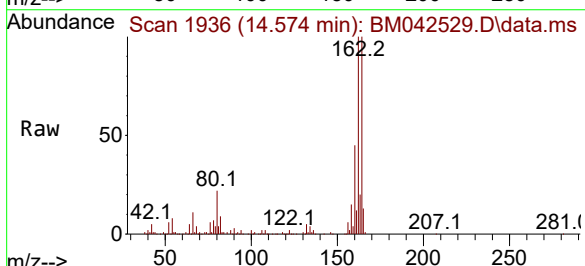
Tgt Ion: 164 Resp: 145857

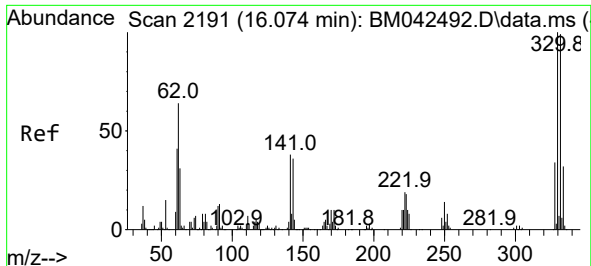
Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

160 45.6 36.2 54.4

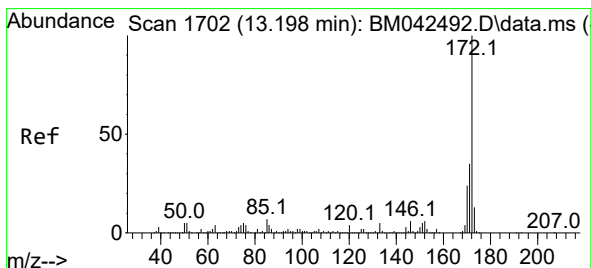
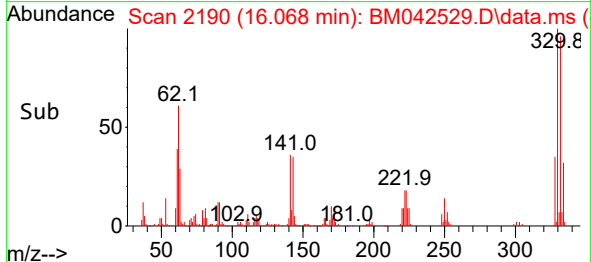
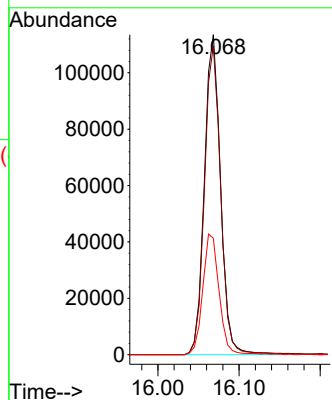
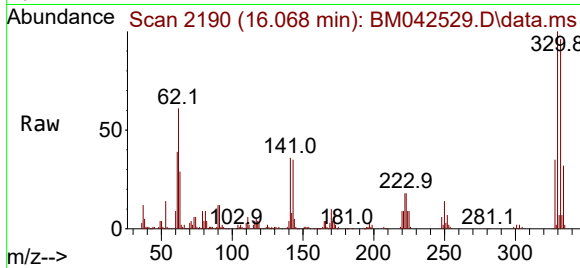




#42
2,4,6-Tribromophenol
Concen: 82.505 ng
RT: 16.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042529.D
Acq: 01 Nov 2023 02:13

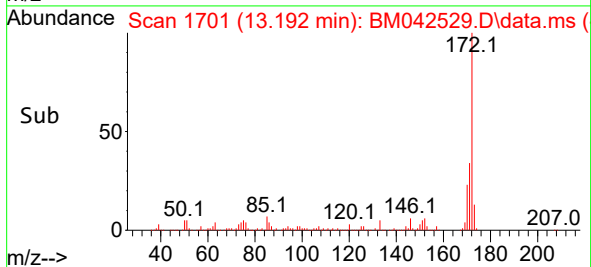
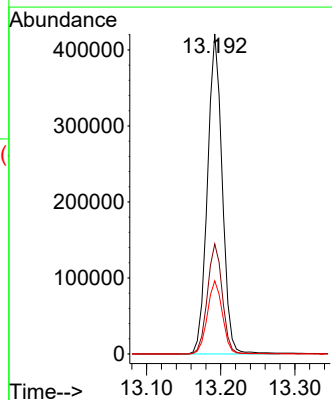
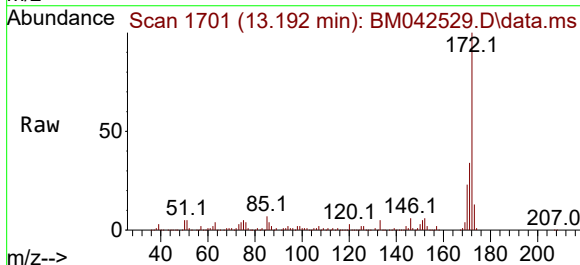
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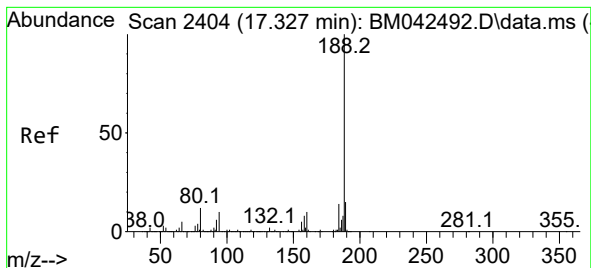
Tgt Ion:330 Resp: 157114
Ion Ratio Lower Upper
330 100
332 97.0 78.8 118.2
141 38.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 53.828 ng
RT: 13.192 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM042529.D
Acq: 01 Nov 2023 02:13

Tgt Ion:172 Resp: 583471
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 22.9 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: BM042529.D

Acq: 01 Nov 2023 02:13

Instrument :

BNA_M

ClientSampleId :

TP-3

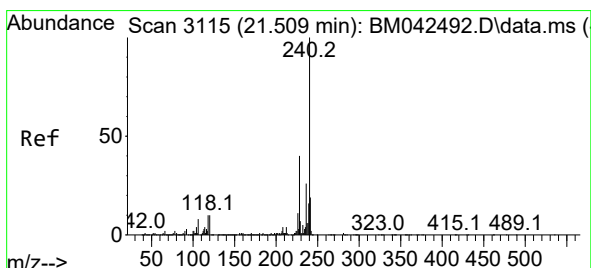
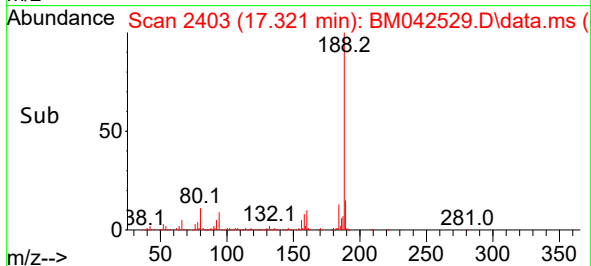
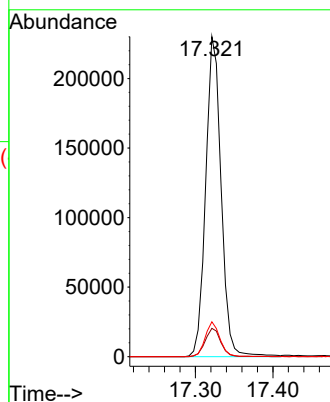
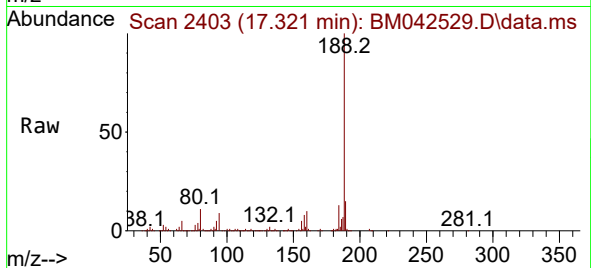
Tgt Ion:188 Resp: 318665

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.4

80 10.9 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: BM042529.D

Acq: 01 Nov 2023 02:13

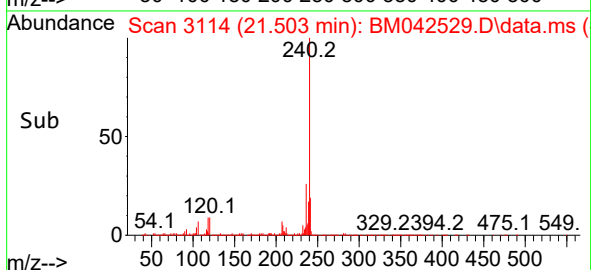
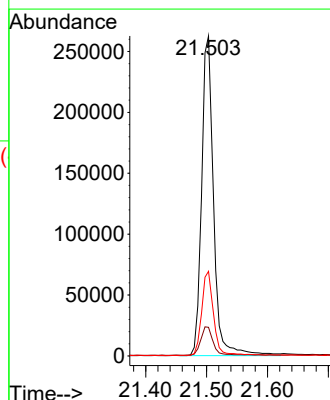
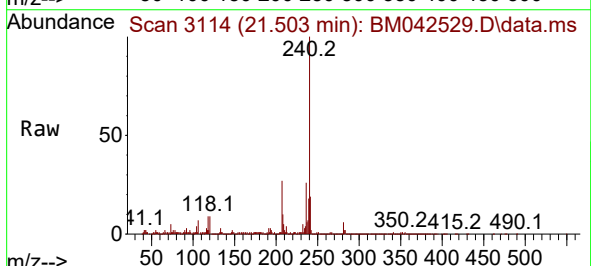
Tgt Ion:240 Resp: 358144

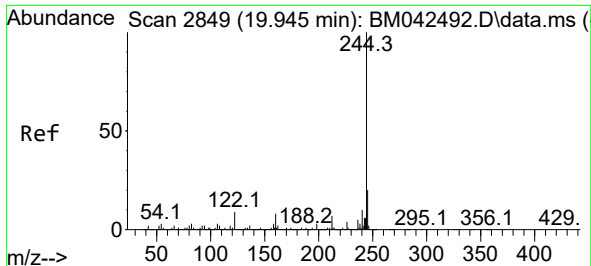
Ion Ratio Lower Upper

240 100

120 8.9 8.3 12.5

236 26.4 20.8 31.2

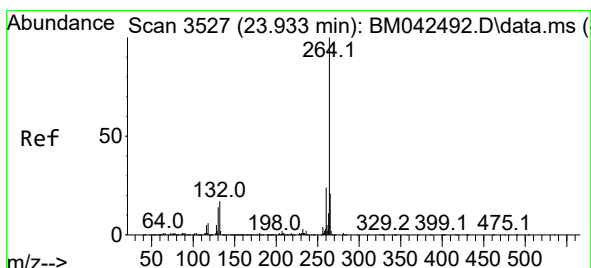
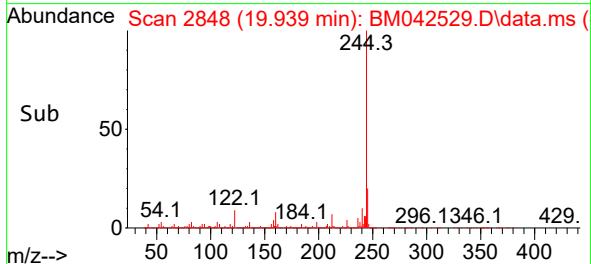
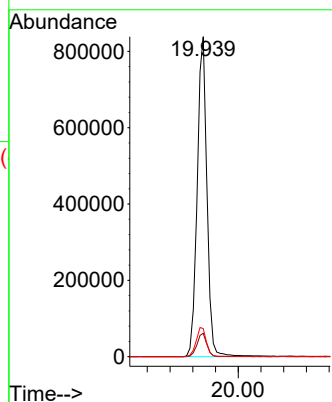
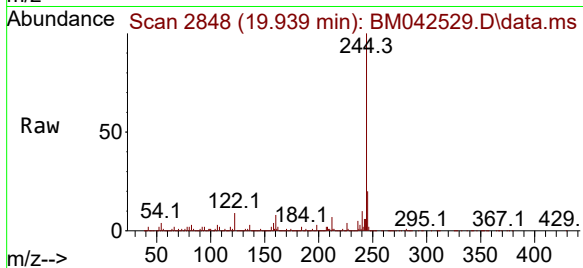




#79
 Terphenyl-d14
 Concen: 47.628 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042529.D
 Acq: 01 Nov 2023 02:13

Instrument :
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Tgt Ion:244 Resp: 1006001
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 8.8 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: BM042529.D
 Acq: 01 Nov 2023 02:13

Tgt Ion:264 Resp: 408669
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.4
 265 23.3 18.7 28.1

