

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110423\
 Data File : BM042586.D
 Acq On : 04 Nov 2023 11:29
 Operator : MA/JU
 Sample : PB156852BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BL

Quant Time: Nov 06 01:42:47 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	7.916	152	58457	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	215883	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	137737	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	285049	20.000	ng	# 0.00
76) Chrysene-d12	21.497	240	216376	20.000	ng	0.00
86) Perylene-d12	23.915	264	231054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	505124	139.454	ng	0.01
7) Phenol-d6	7.081	99	645384	129.918	ng	0.00
23) Nitrobenzene-d5	9.116	82	449405	97.042	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	273614	152.154	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	958222	93.612	ng	0.00
79) Terphenyl-d14	19.933	244	1339200	104.945	ng	0.00

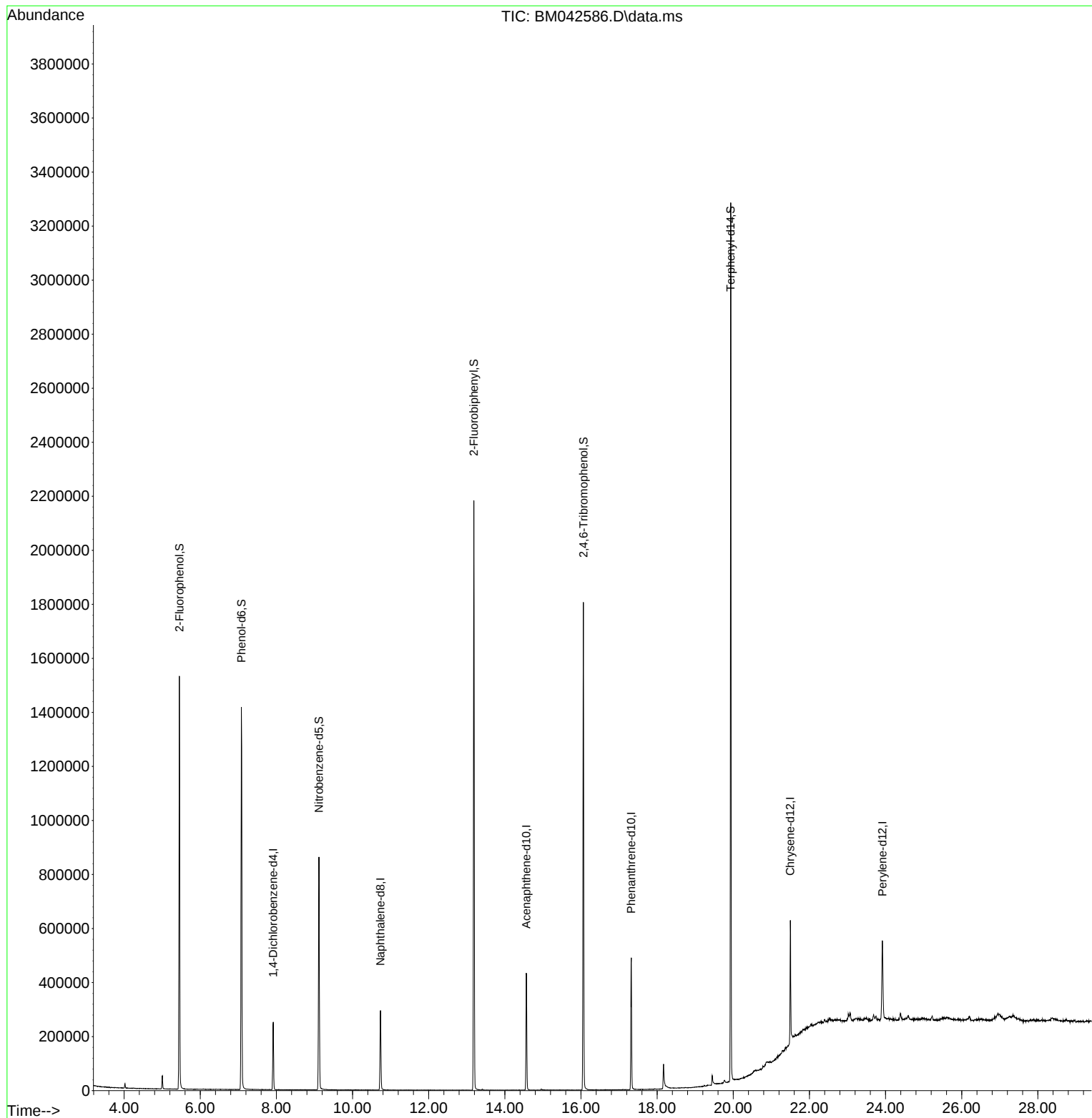
Target Compounds	Qvalue

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

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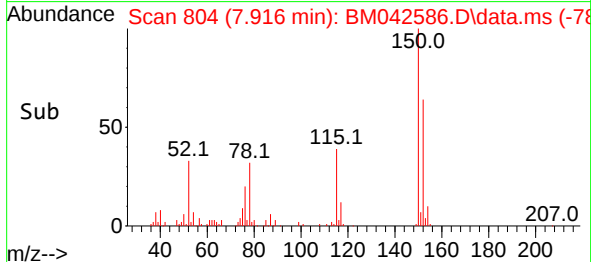
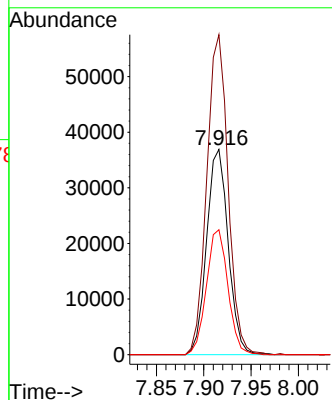
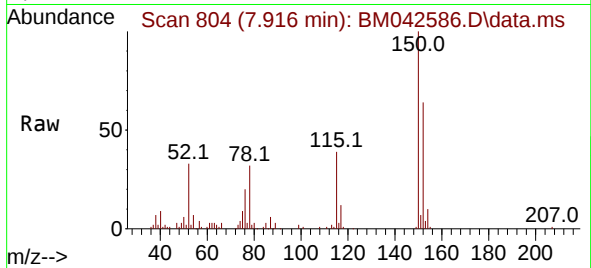




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 806
Delta R.T. 0.006 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

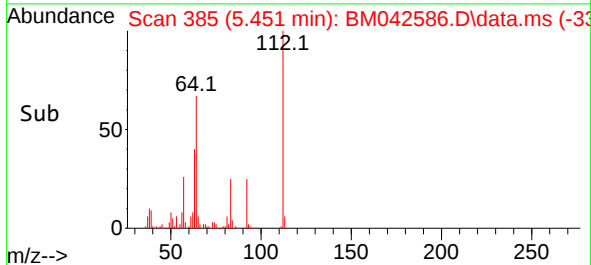
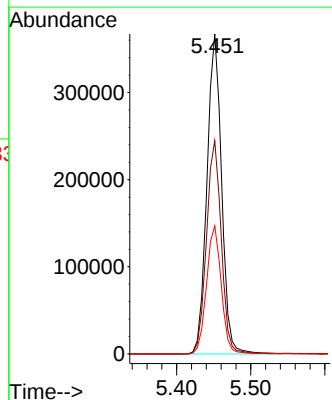
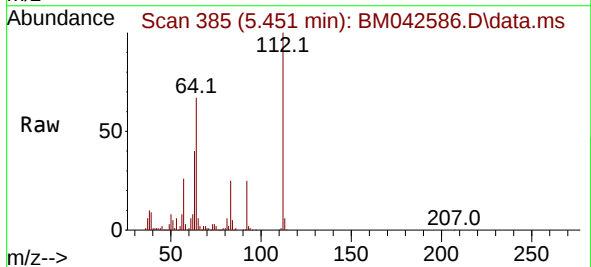
Instrument :
BNA_M
ClientSampleId :
PB156852BL

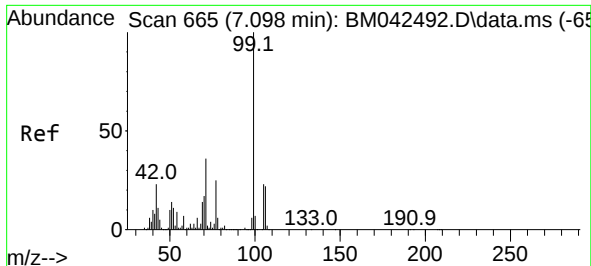
Tgt Ion:152 Resp: 58457
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 60.9 47.9 71.9



#5
2-Fluorophenol
Concen: 139.454 ng
RT: 5.451 min Scan# 385
Delta R.T. 0.011 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

Tgt Ion:112 Resp: 505124
Ion Ratio Lower Upper
112 100
64 66.7 52.1 78.1
63 40.1 28.3 42.5

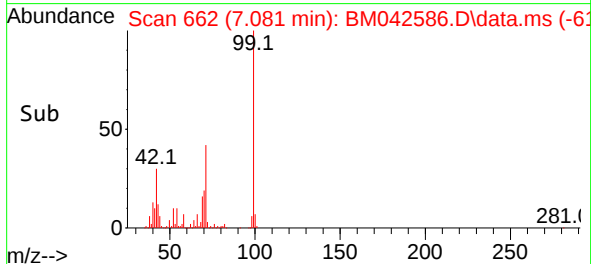
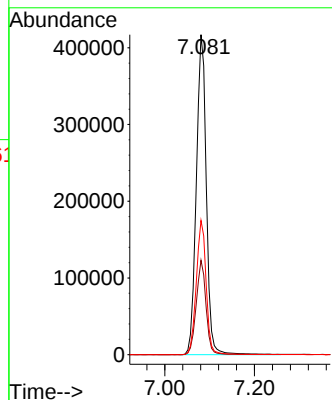
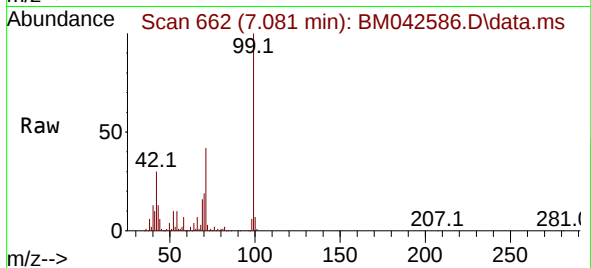




#7
Phenol-d6
Concen: 129.918 ng
RT: 7.081 min Scan# 665
Delta R.T. 0.006 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

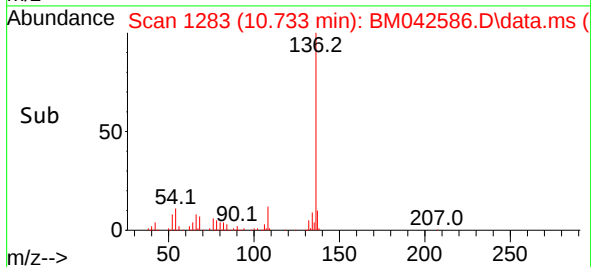
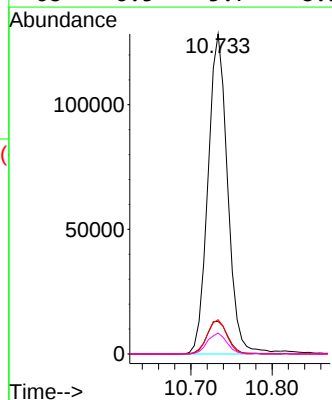
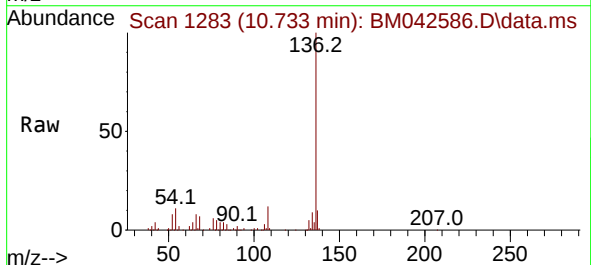
Instrument :
BNA_M
ClientSampleId :
PB156852BL

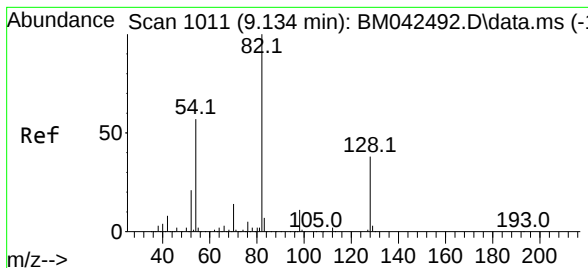
Tgt Ion: 99 Resp: 645384
Ion Ratio Lower Upper
99 100
42 29.5 18.7 28.1#
71 42.0 29.1 43.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

Tgt Ion: 136 Resp: 215883
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 10.7 8.0 12.0
68 6.5 5.7 8.5





#23

Nitrobenzene-d5

Concen: 97.042 ng

RT: 9.116 min Scan# 1011

Delta R.T. 0.006 min

Lab File: BM042586.D

Acq: 04 Nov 2023 11:29

Instrument :

BNA_M

ClientSampleId :

PB156852BL

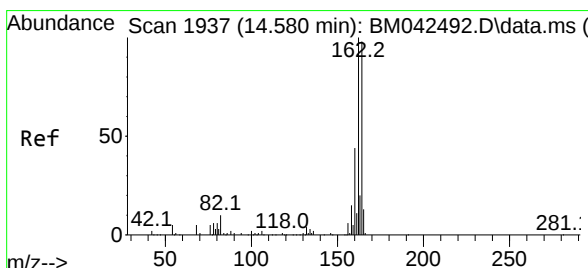
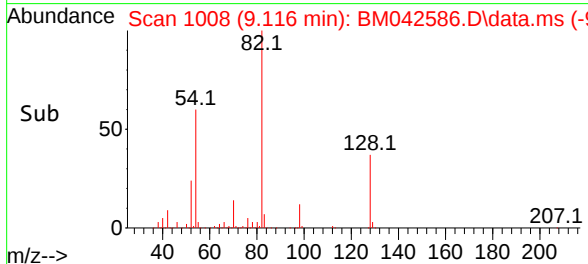
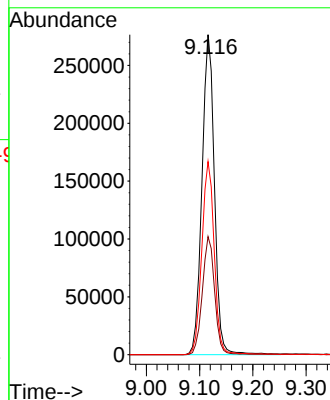
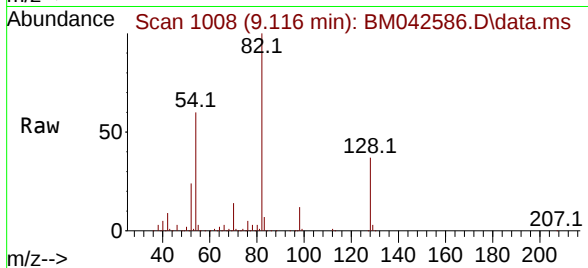
Tgt Ion: 82 Resp: 449405

Ion Ratio Lower Upper

82 100

128 36.9 30.7 46.1

54 60.4 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: BM042586.D

Acq: 04 Nov 2023 11:29

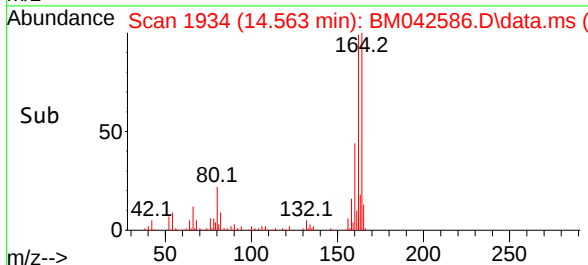
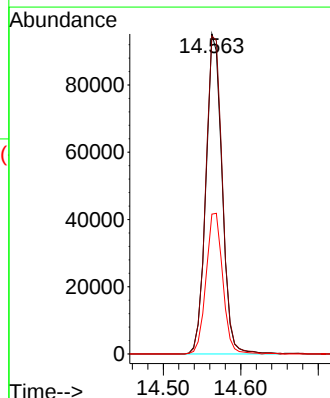
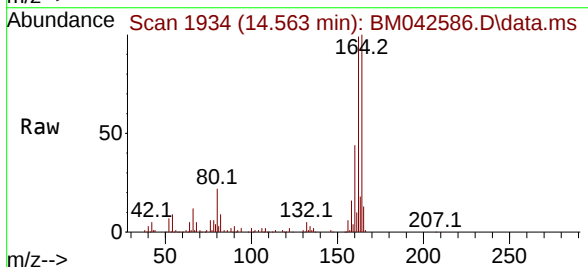
Tgt Ion:164 Resp: 137737

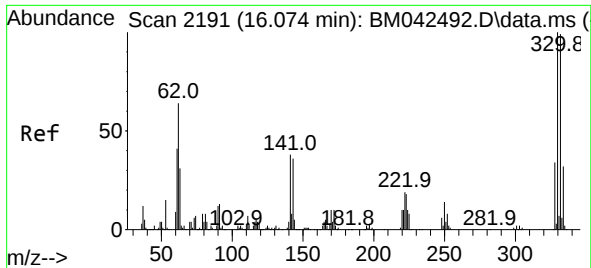
Ion Ratio Lower Upper

164 100

162 99.4 81.6 122.4

160 43.7 36.2 54.4

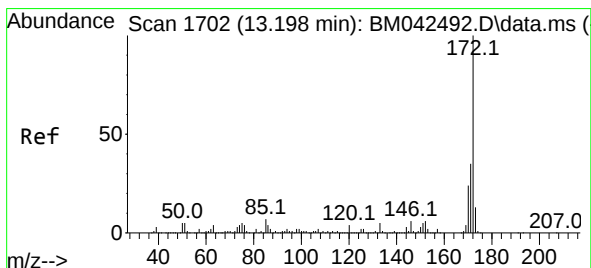
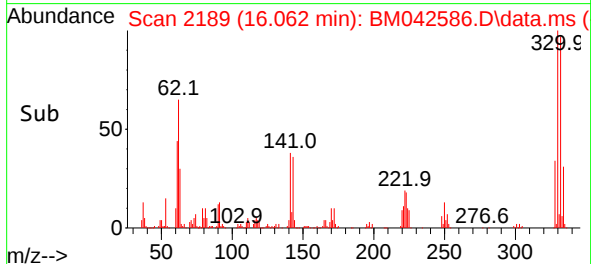
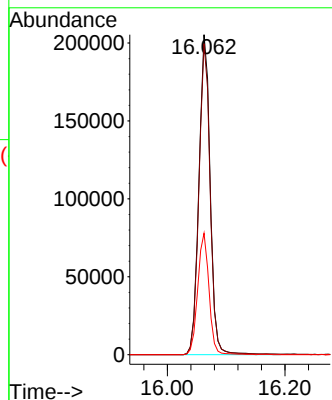
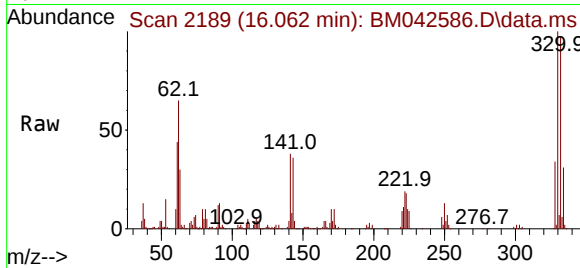




#42
2,4,6-Tribromophenol
Concen: 152.154 ng
RT: 16.062 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

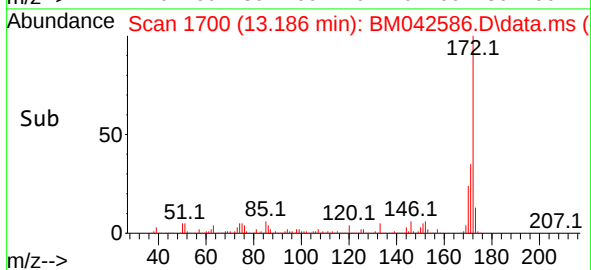
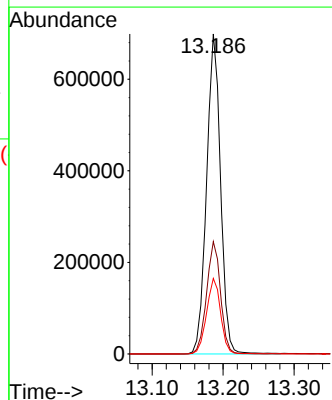
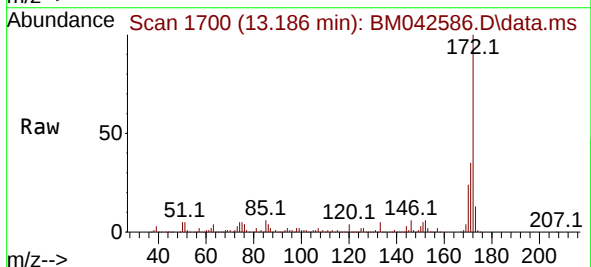
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Tgt Ion:330 Resp: 273614
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 37.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 93.612 ng
RT: 13.186 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM042586.D
Acq: 04 Nov 2023 11:29

Tgt Ion:172 Resp: 958222
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.6 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: BM042586.D

Acq: 04 Nov 2023 11:29

Instrument :

BNA_M

ClientSampleId :

PB156852BL

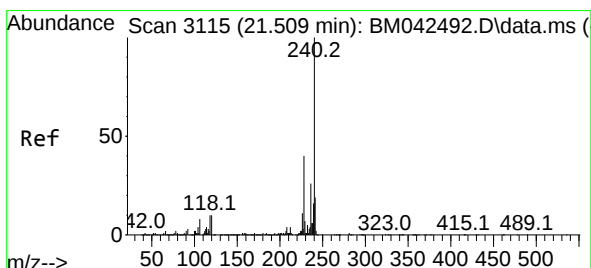
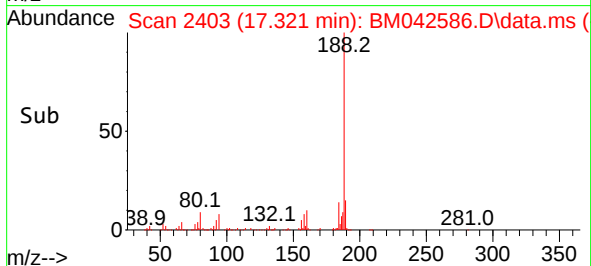
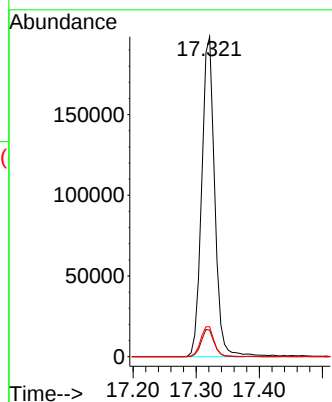
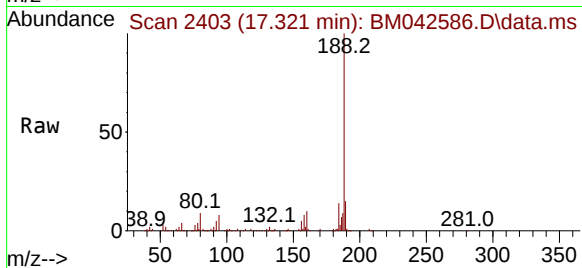
Tgt Ion:188 Resp: 285049

Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.4

80 9.4 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: BM042586.D

Acq: 04 Nov 2023 11:29

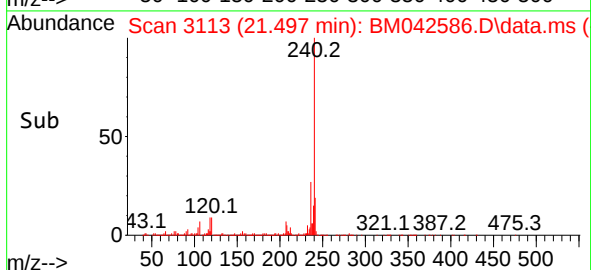
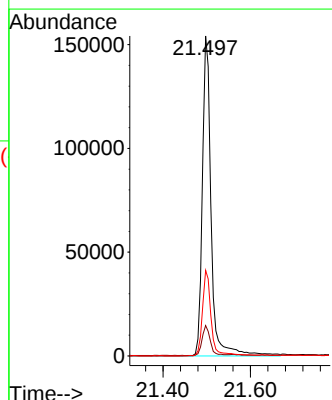
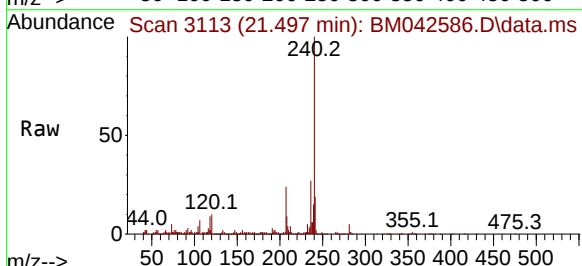
Tgt Ion:240 Resp: 216376

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

236 26.7 20.8 31.2

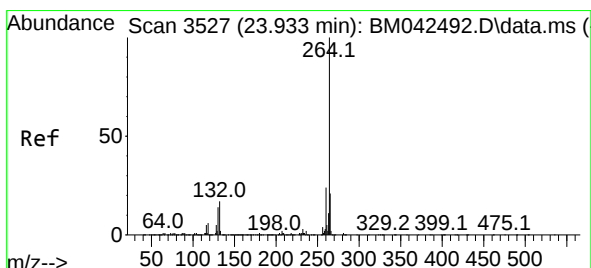
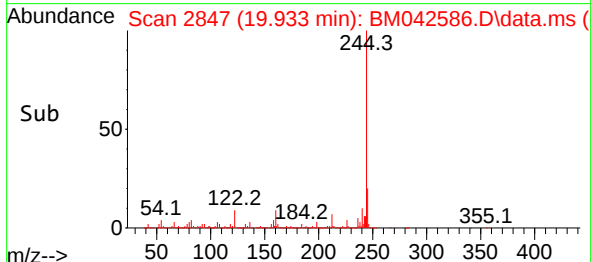
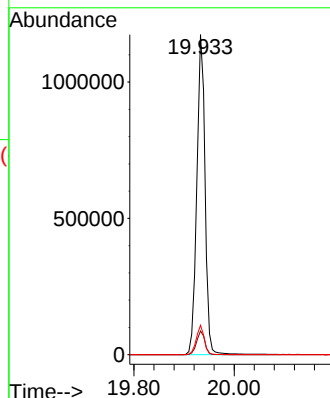
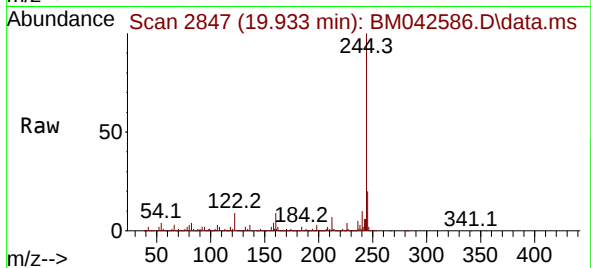




#79
 Terphenyl-d14
 Concen: 104.945 ng
 RT: 19.933 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM042586.D
 Acq: 04 Nov 2023 11:29

Instrument :
 BNA_M
 ClientSampleId :
 PB156852BL

Tgt Ion:244 Resp: 1339200
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 9.2 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: BM042586.D
 Acq: 04 Nov 2023 11:29

Tgt Ion:264 Resp: 231054
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 22.2 18.7 28.1

