

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042484.D
 Acq On : 27 Oct 2023 22:14
 Operator : MA/JU
 Sample : PB156526BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BL

Quant Time: Oct 28 00:30:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	126436	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	472620	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	261149	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	479212	20.000	ng	0.00
76) Chrysene-d12	21.556	240	322967	20.000	ng	0.00
86) Perylene-d12	24.009	264	318321	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	756268	84.536	ng	0.00
7) Phenol-d6	7.157	99	936583	78.121	ng	-0.01
23) Nitrobenzene-d5	9.186	82	883484	82.661	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	245573	88.338	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	1734712	89.450	ng	0.00
79) Terphenyl-d14	19.986	244	1990221	109.288	ng	0.00

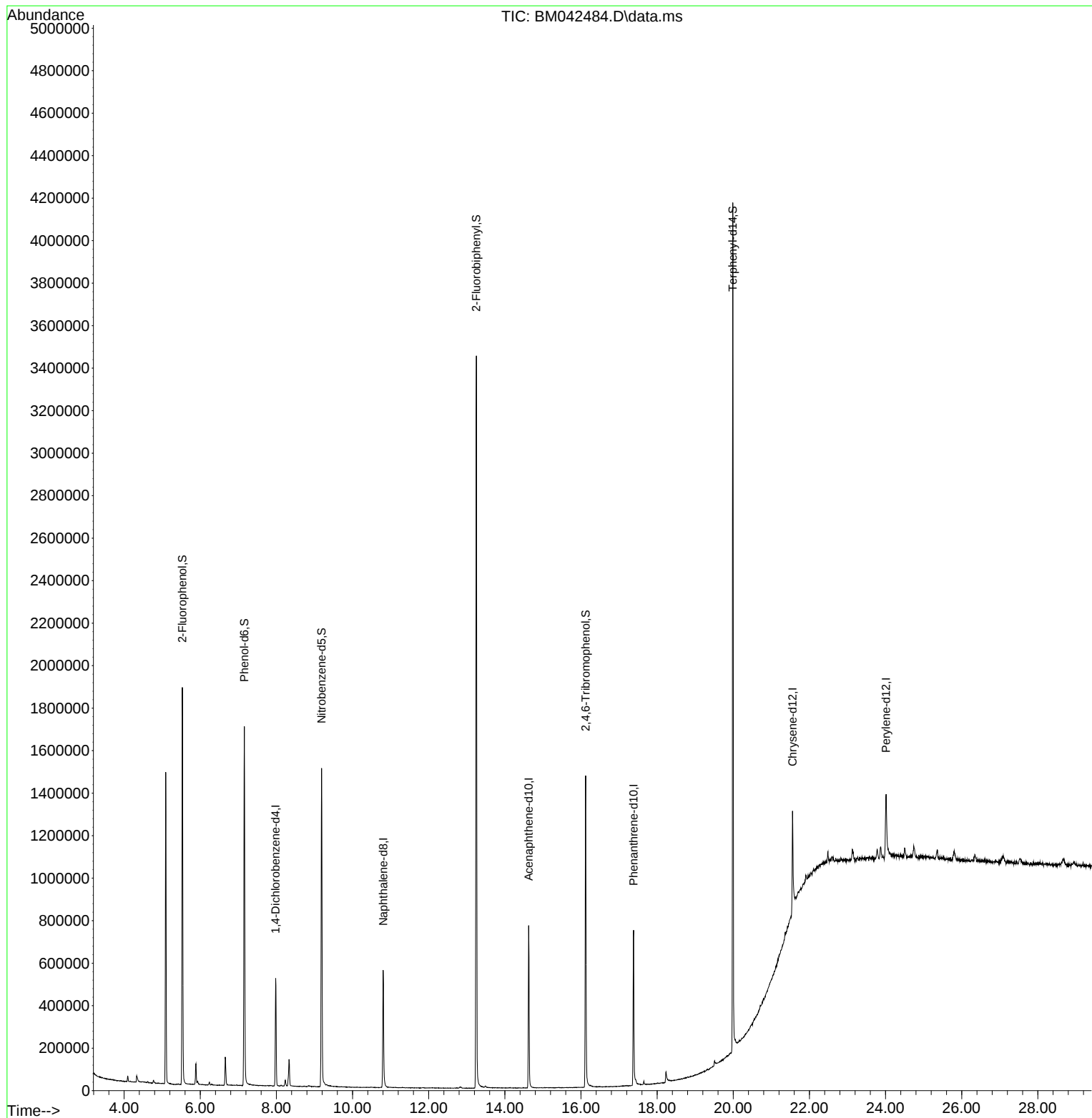
Target Compounds	Qvalue

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

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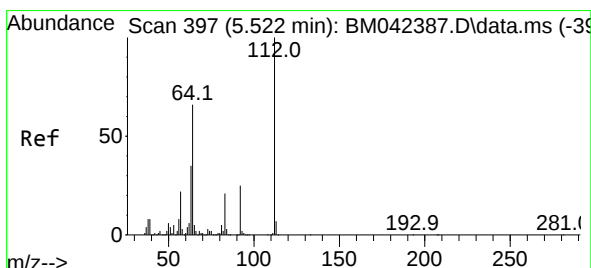
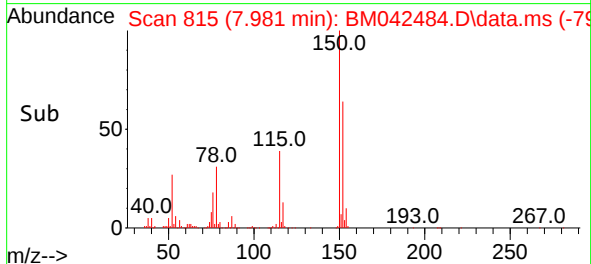
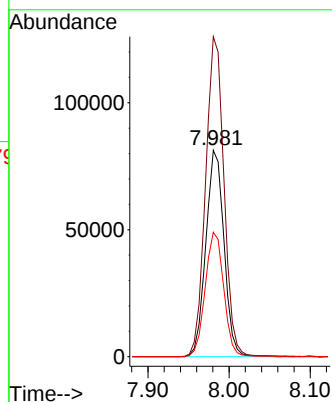
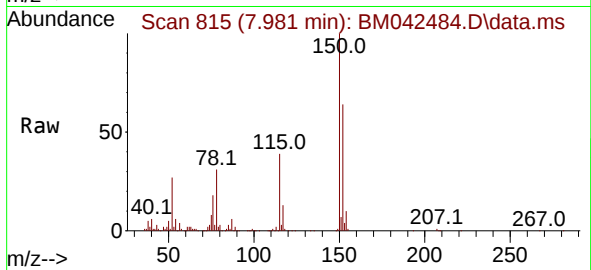




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042484.D
Acq: 27 Oct 2023 22:14

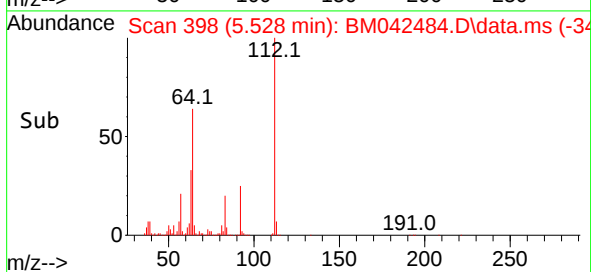
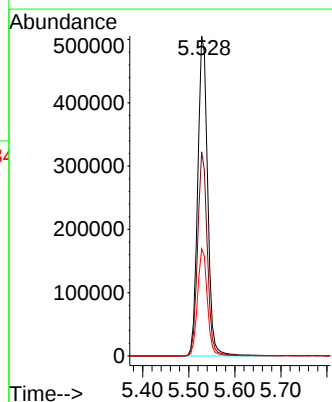
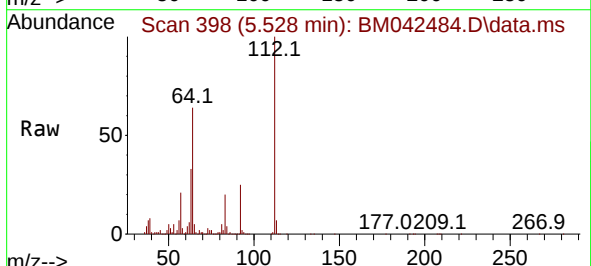
Instrument :
BNA_M
ClientSampleId :
PB156526BL

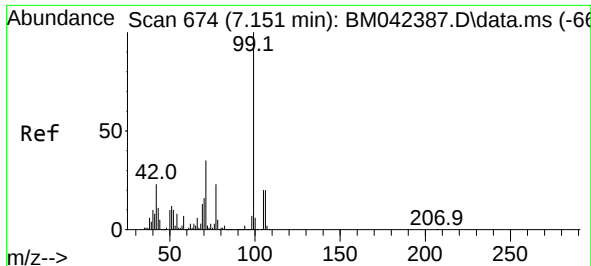
Tgt Ion:152 Resp: 126436
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.4
115 60.3 51.9 77.9



#5
2-Fluorophenol
Concen: 84.536 ng
RT: 5.528 min Scan# 398
Delta R.T. -0.006 min
Lab File: BM042484.D
Acq: 27 Oct 2023 22:14

Tgt Ion:112 Resp: 756268
Ion Ratio Lower Upper
112 100
64 63.8 52.7 79.1
63 33.5 28.3 42.5

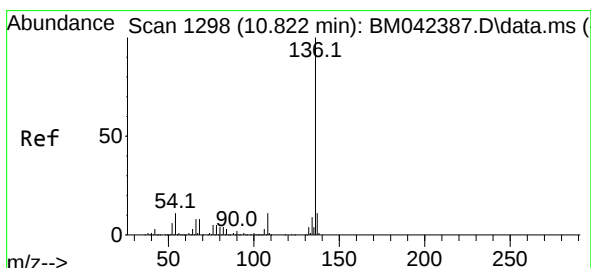
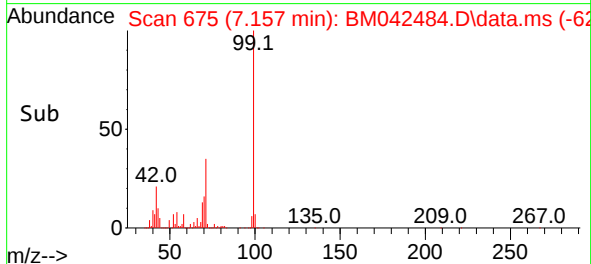
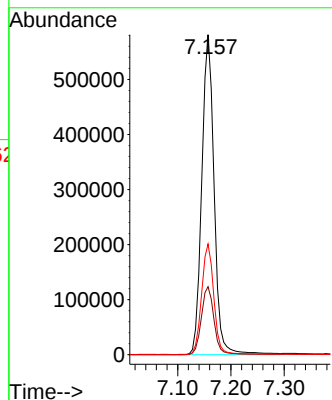
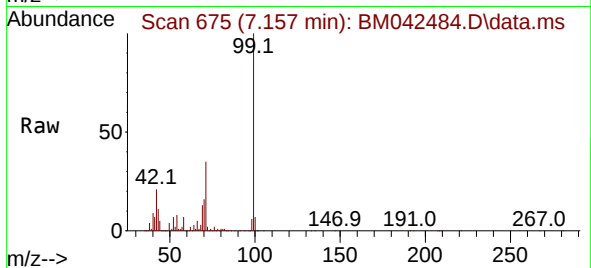




#7
Phenol-d6
Concen: 78.121 ng
RT: 7.157 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM042484.D
Acq: 27 Oct 2023 22:14

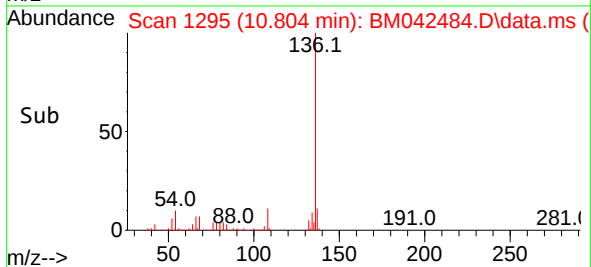
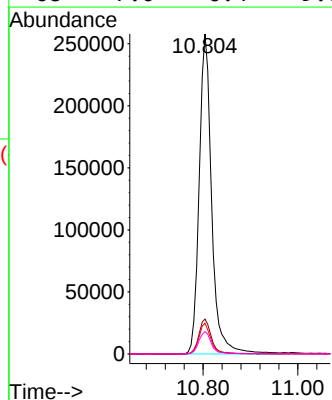
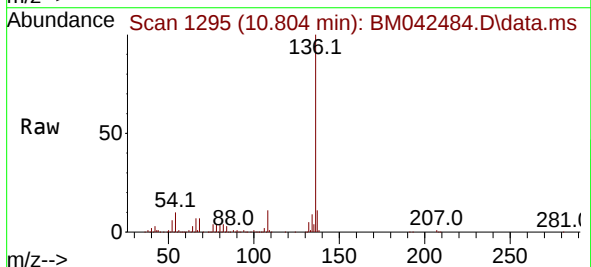
Instrument :
BNA_M
ClientSampleId :
PB156526BL

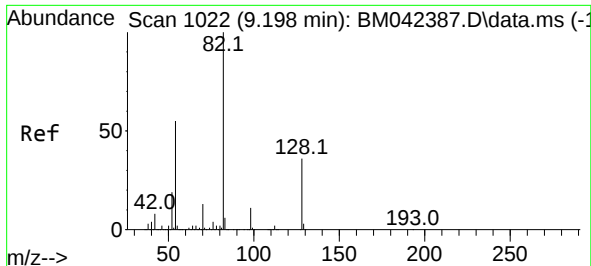
Tgt Ion: 99 Resp: 936583
Ion Ratio Lower Upper
99 100
42 21.3 18.5 27.7
71 34.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM042484.D
Acq: 27 Oct 2023 22:14

Tgt Ion: 136 Resp: 472620
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 9.6 8.6 12.8
68 7.0 6.4 9.6

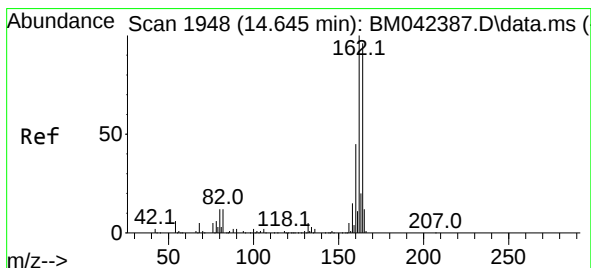
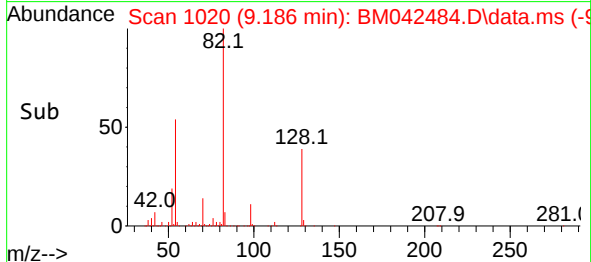
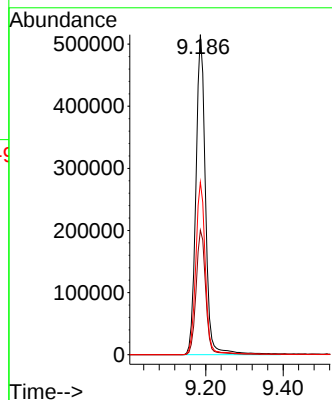
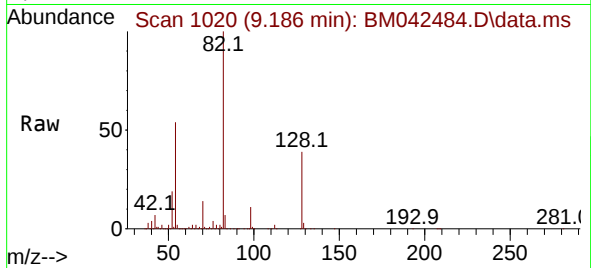




#23
 Nitrobenzene-d5
 Concen: 82.661 ng
 RT: 9.186 min Scan# 1020
 Delta R.T. -0.006 min
 Lab File: BM042484.D
 Acq: 27 Oct 2023 22:14

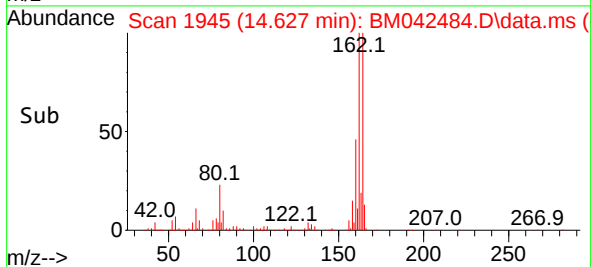
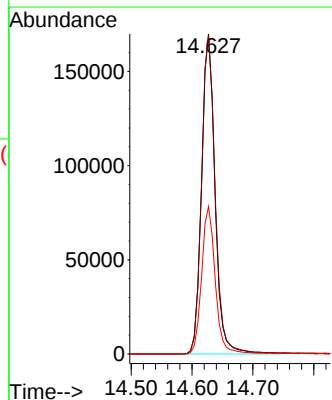
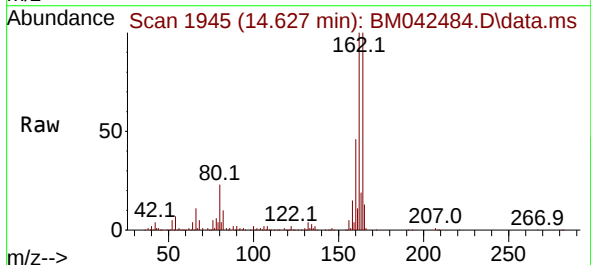
Instrument :
 BNA_M
 ClientSampleId :
 PB156526BL

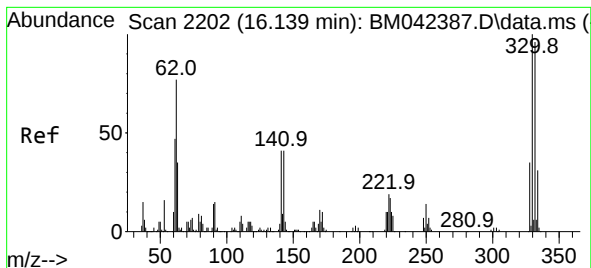
Tgt Ion: 82 Resp: 883484
 Ion Ratio Lower Upper
 82 100
 128 38.9 29.0 43.6
 54 53.9 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.627 min Scan# 1945
 Delta R.T. -0.006 min
 Lab File: BM042484.D
 Acq: 27 Oct 2023 22:14

Tgt Ion:164 Resp: 261149
 Ion Ratio Lower Upper
 164 100
 162 99.7 83.0 124.4
 160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 88.338 ng

RT: 16.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

Instrument :

BNA_M

ClientSampleId :

PB156526BL

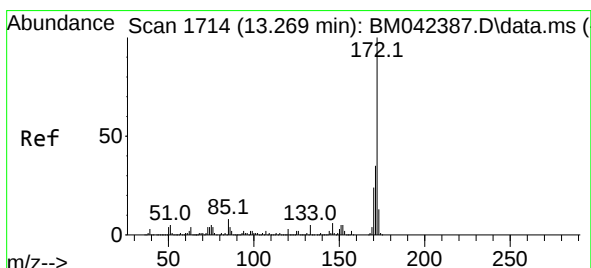
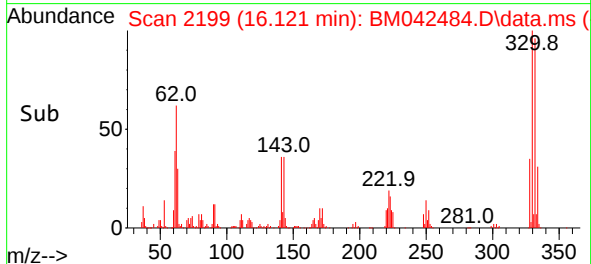
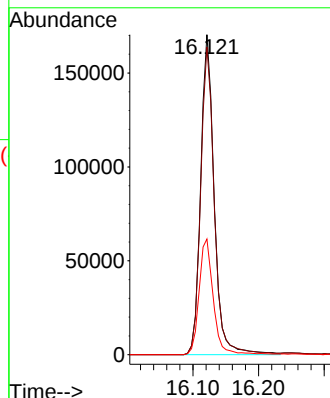
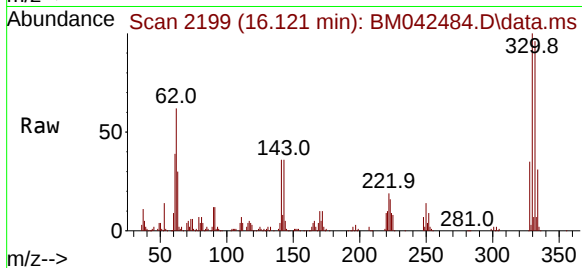
Tgt Ion:330 Resp: 245573

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 38.0 38.0 57.0#



#45

2-Fluorobiphenyl

Concen: 89.450 ng

RT: 13.251 min Scan# 1711

Delta R.T. -0.006 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

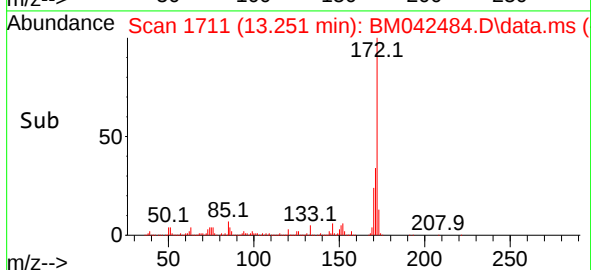
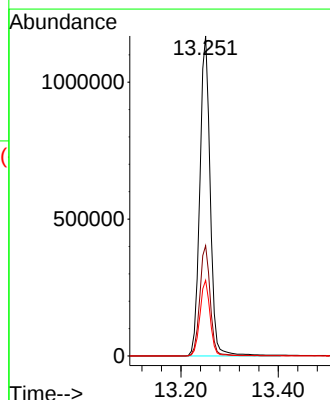
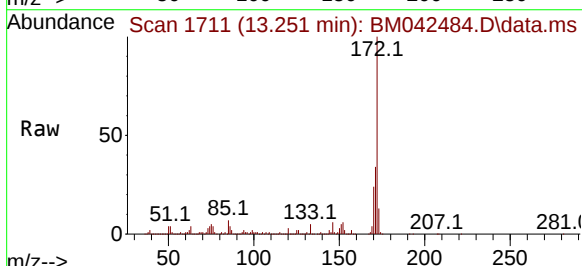
Tgt Ion:172 Resp: 1734712

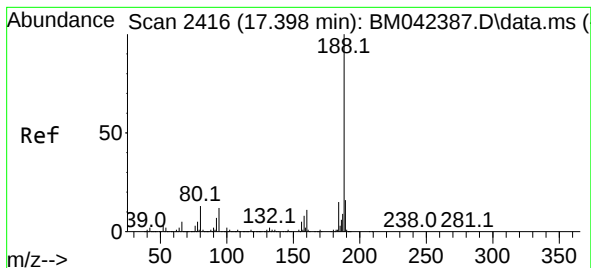
Ion Ratio Lower Upper

172 100

171 34.4 28.1 42.1

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.380 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

Instrument :

BNA_M

ClientSampleId :

PB156526BL

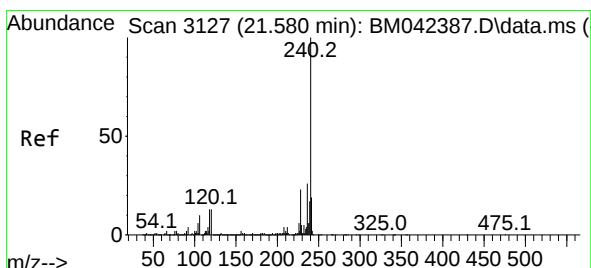
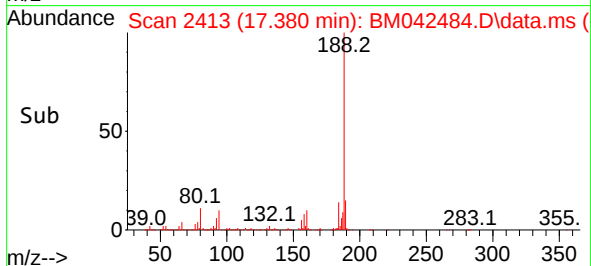
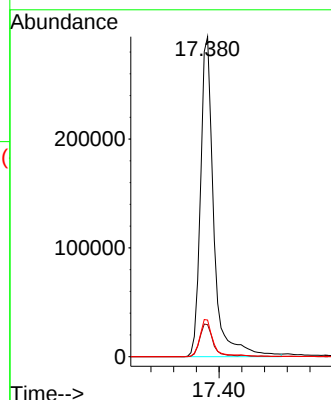
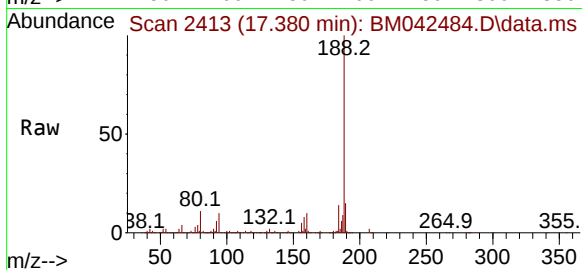
Tgt Ion:188 Resp: 479212

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.0

80 11.5 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.556 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

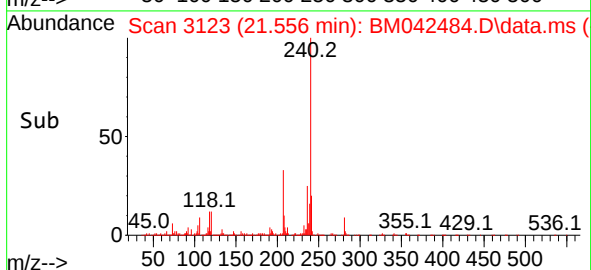
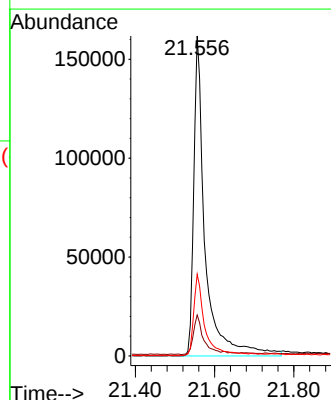
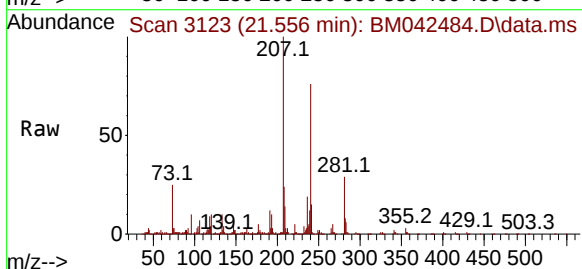
Tgt Ion:240 Resp: 322967

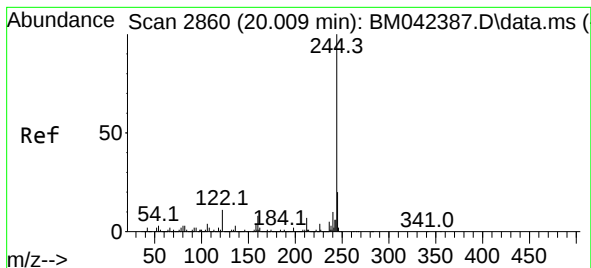
Ion Ratio Lower Upper

240 100

120 12.8 10.7 16.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 109.288 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

Instrument :

BNA_M

ClientSampleId :

PB156526BL

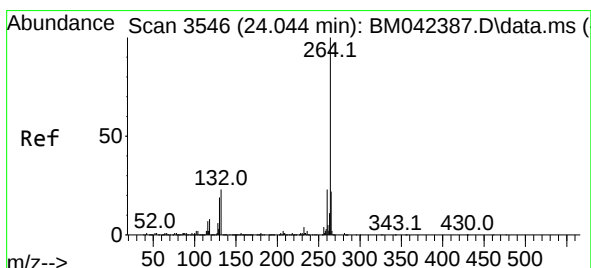
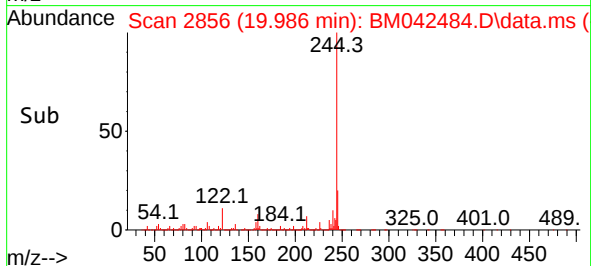
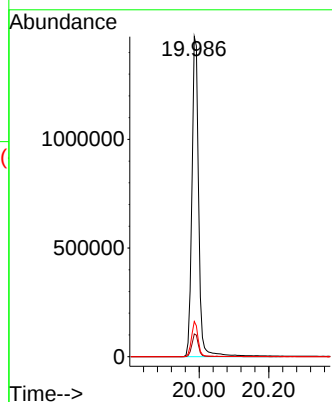
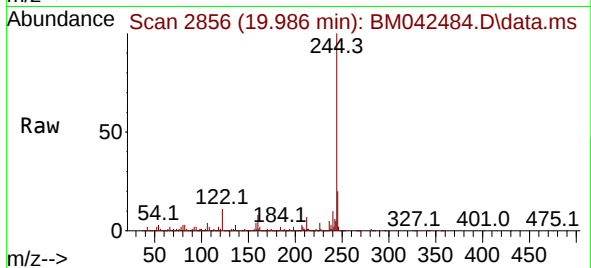
Tgt Ion:244 Resp: 1990221

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.009 min Scan# 3540

Delta R.T. -0.012 min

Lab File: BM042484.D

Acq: 27 Oct 2023 22:14

Tgt Ion:264 Resp: 318321

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 26.4 17.8 26.8

