

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
 Data File : BM035862.D
 Acq On : 19 Jul 2022 11:52
 Operator : CG/JU
 Sample : PB145921BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145921BL

Quant Time: Jul 19 13:11:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	304906	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1236226	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	662546	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1185622	20.000	ng	0.00
76) Chrysene-d12	21.444	240	835504	20.000	ng	0.00
86) Perylene-d12	23.821	264	754299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	2694432	136.999	ng	0.00
7) Phenol-d6	7.069	99	3265505	132.037	ng	0.00
23) Nitrobenzene-d5	9.063	82	1930204	83.508	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	870164	117.416	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4093212	87.327	ng	0.00
79) Terphenyl-d14	19.892	244	4419768	102.924	ng	0.00

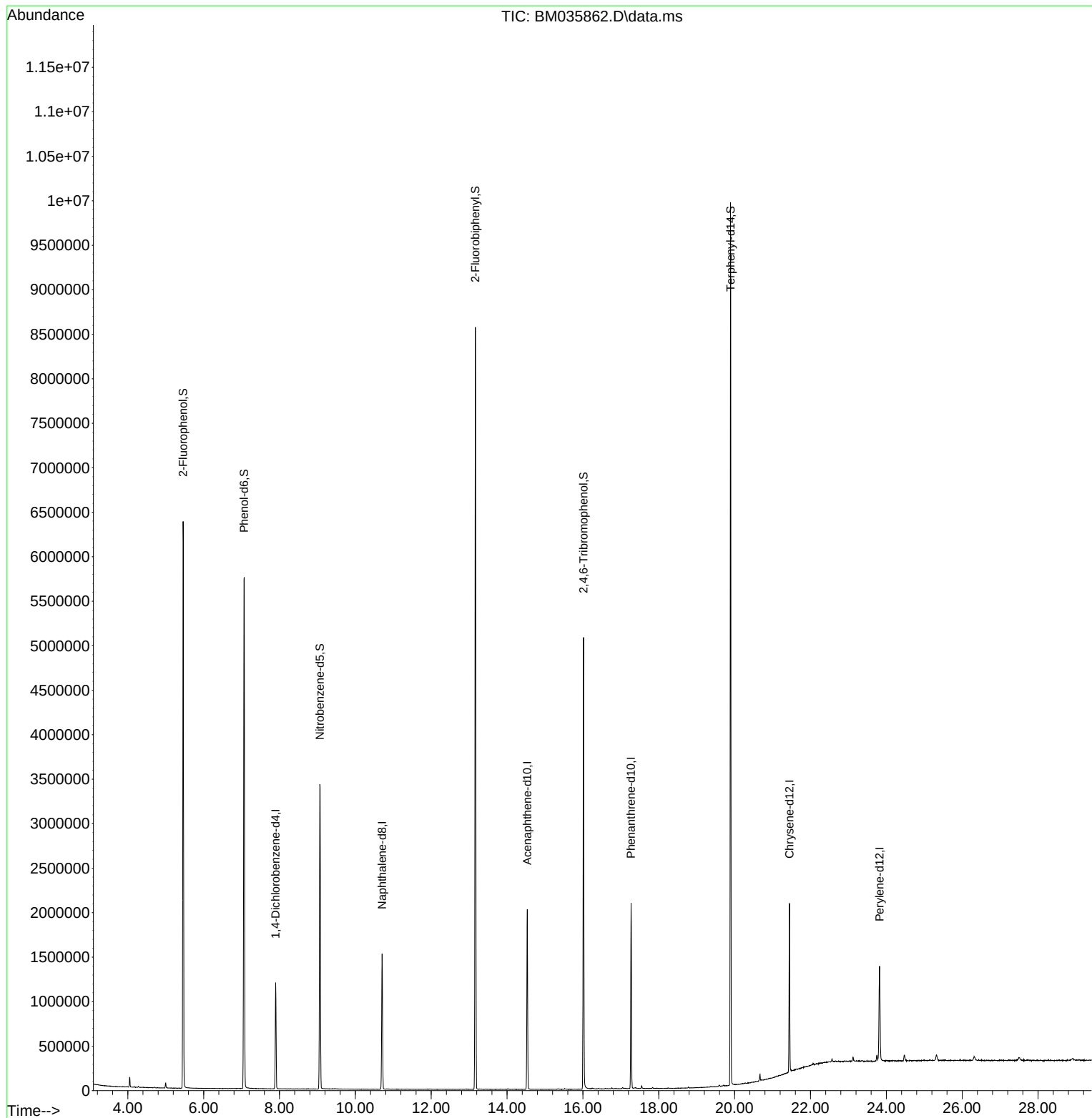
Target Compounds	Qvalue

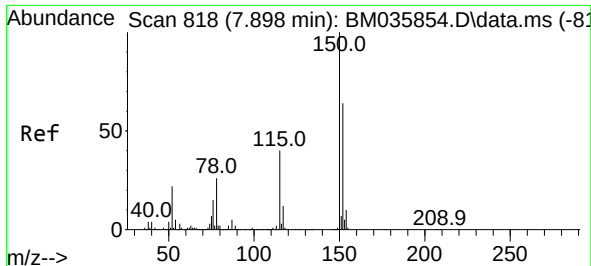
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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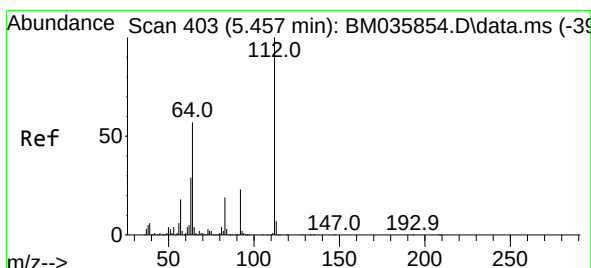
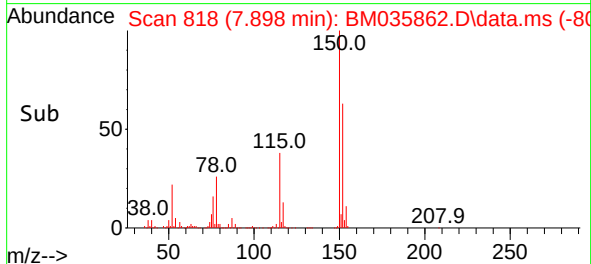
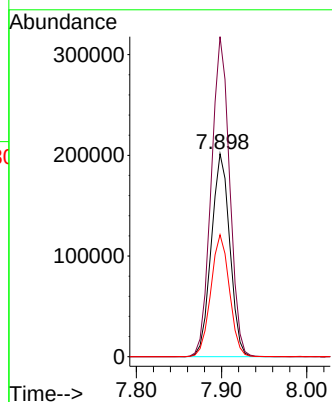
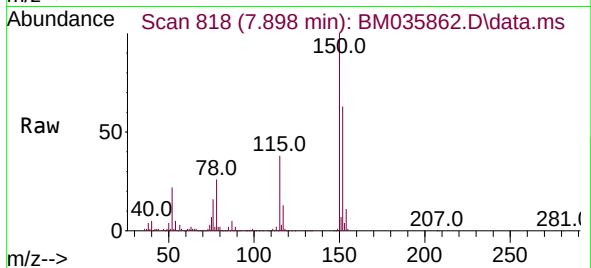




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM035862.D
Acq: 19 Jul 2022 11:52

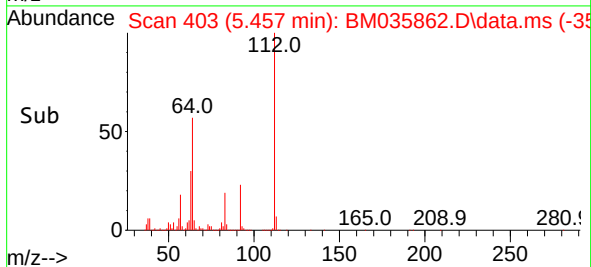
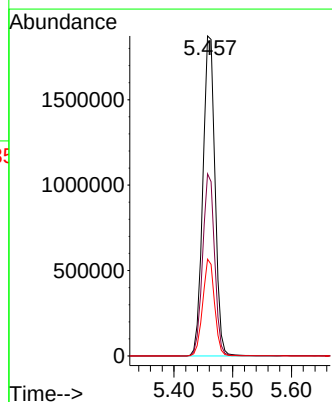
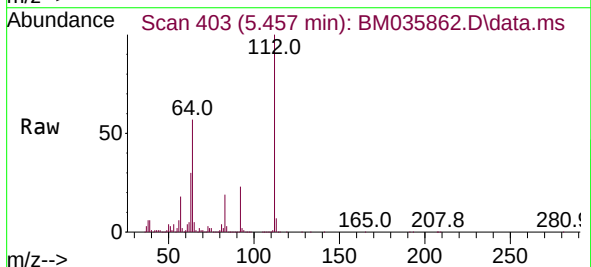
Instrument :
BNA_M
ClientSampleId :
PB145921BL

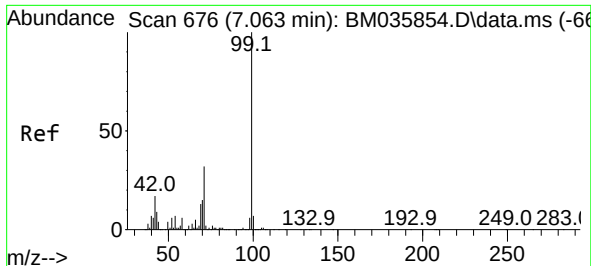
Tgt Ion:152 Resp: 304906
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 60.1 47.9 71.9



#5
2-Fluorophenol
Concen: 136.999 ng
RT: 5.457 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM035862.D
Acq: 19 Jul 2022 11:52

Tgt Ion:112 Resp: 2694432
Ion Ratio Lower Upper
112 100
64 56.9 47.8 71.6
63 30.3 26.6 40.0

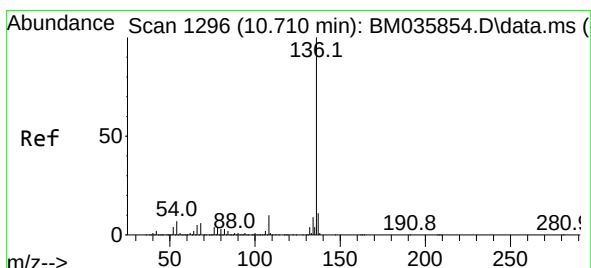
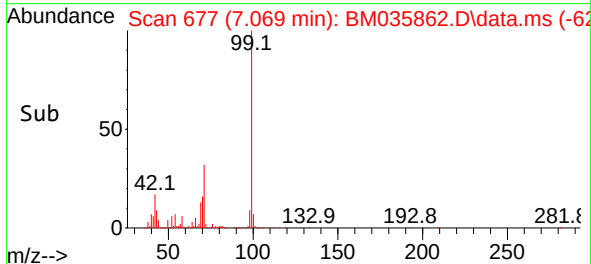
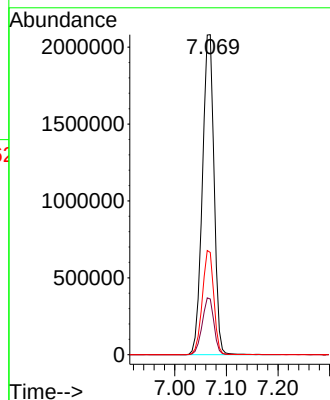
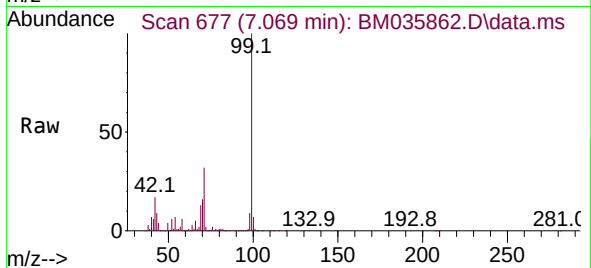




#7
Phenol-d6
Concen: 132.037 ng
RT: 7.069 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035862.D
Acq: 19 Jul 2022 11:52

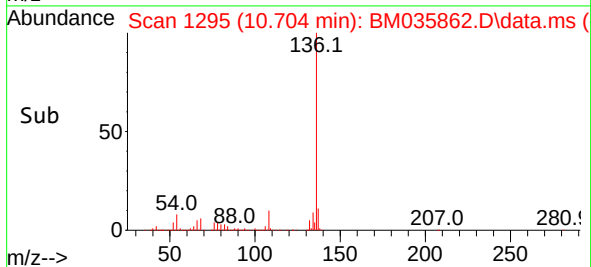
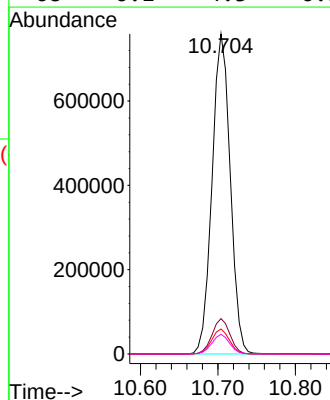
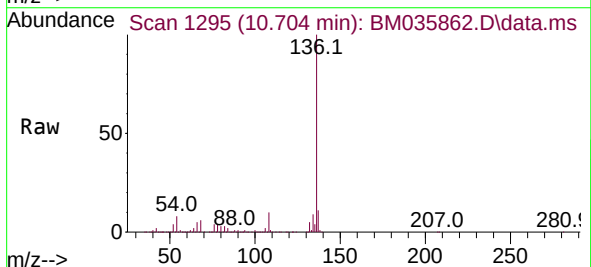
Instrument :
BNA_M
ClientSampleId :
PB145921BL

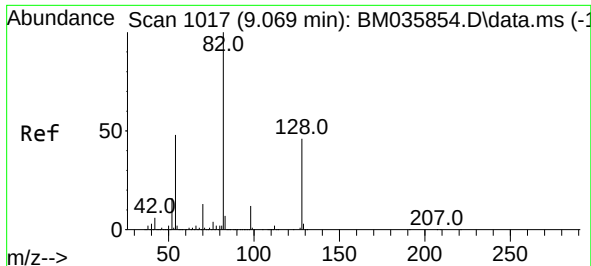
Tgt Ion: 99 Resp: 3265505
Ion Ratio Lower Upper
99 100
42 17.4 18.8 28.2#
71 32.0 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035862.D
Acq: 19 Jul 2022 11:52

Tgt Ion: 136 Resp: 1236226
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.8 7.0 10.4
68 6.1 4.3 6.5

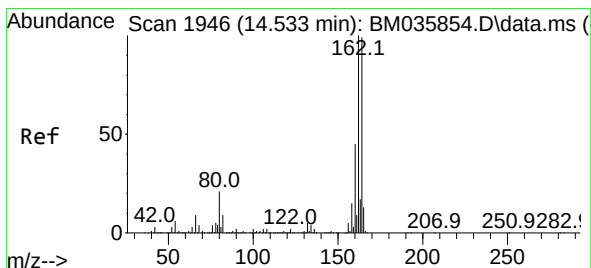
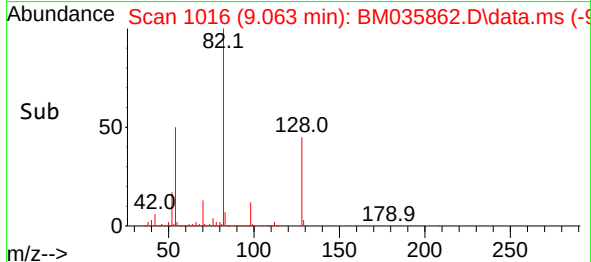
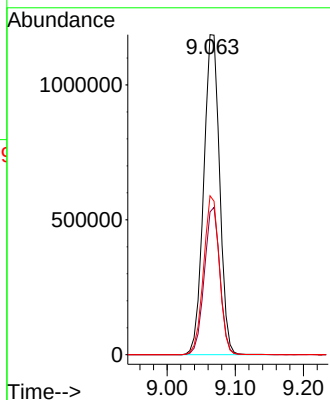
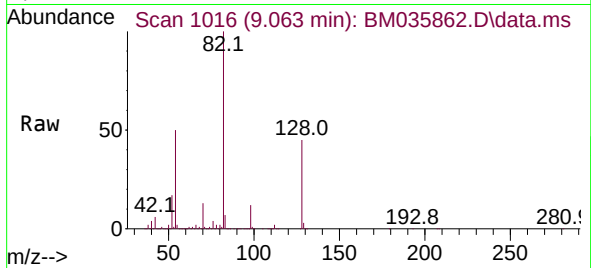




#23
 Nitrobenzene-d5
 Concen: 83.508 ng
 RT: 9.063 min Scan# 1017
 Delta R.T. -0.006 min
 Lab File: BM035862.D
 Acq: 19 Jul 2022 11:52

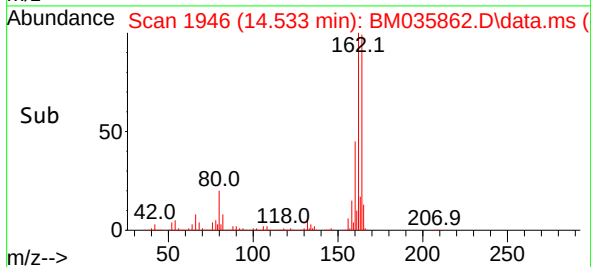
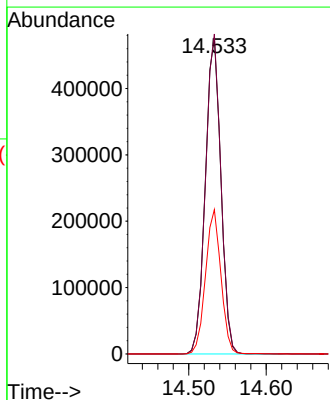
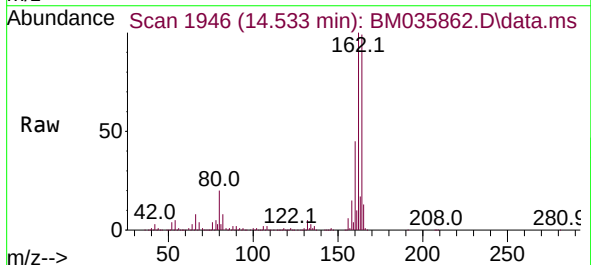
Instrument :
 BNA_M
 ClientSampleId :
 PB145921BL

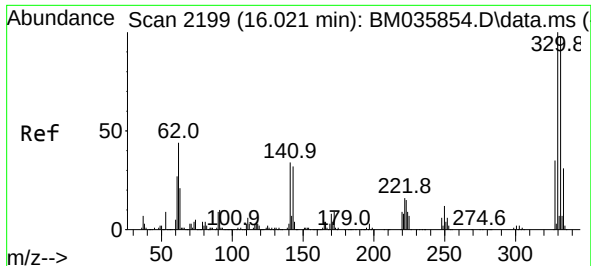
Tgt Ion: 82 Resp: 1930204
 Ion Ratio Lower Upper
 82 100
 128 44.6 33.7 50.5
 54 49.7 43.2 64.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.533 min Scan# 1946
 Delta R.T. -0.000 min
 Lab File: BM035862.D
 Acq: 19 Jul 2022 11:52

Tgt Ion:164 Resp: 662546
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.0 124.6
 160 45.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 117.416 ng

RT: 16.015 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035862.D

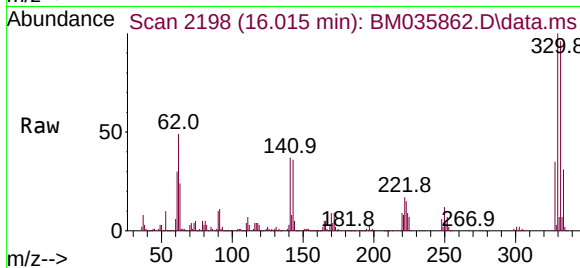
Acq: 19 Jul 2022 11:52

Instrument :

BNA_M

ClientSampleId :

PB145921BL



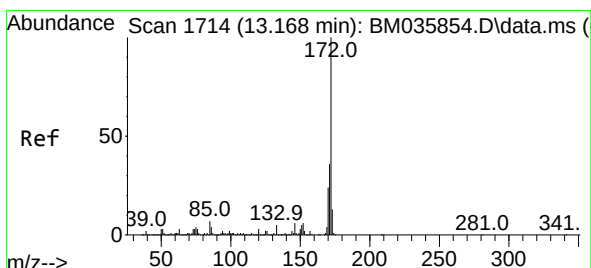
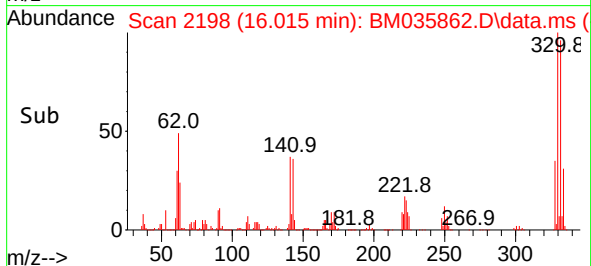
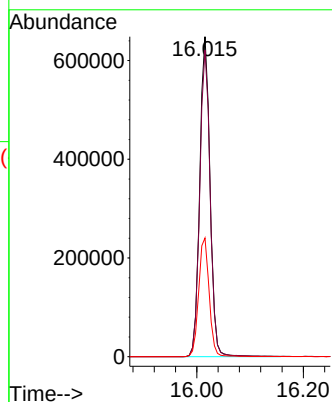
Tgt Ion:330 Resp: 870164

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 37.9 35.3 52.9



#45

2-Fluorobiphenyl

Concen: 87.327 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BM035862.D

Acq: 19 Jul 2022 11:52

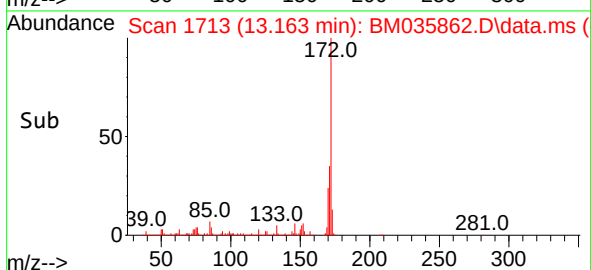
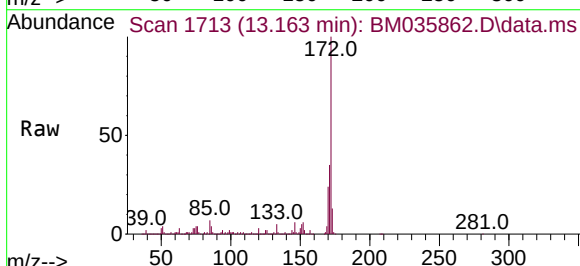
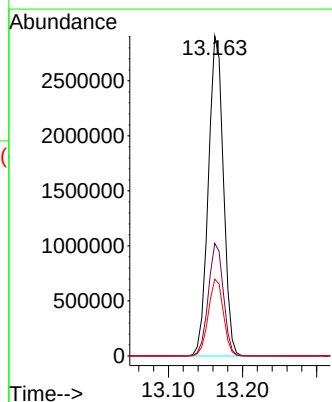
Tgt Ion:172 Resp: 4093212

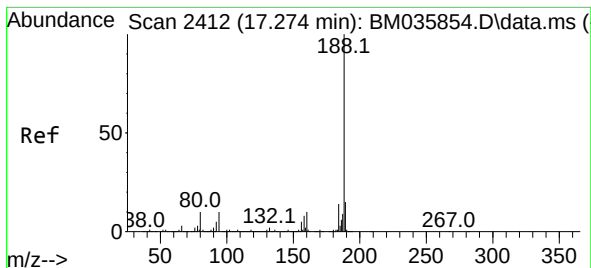
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 24.0 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.268 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BM035862.D

Acq: 19 Jul 2022 11:52

Instrument :

BNA_M

ClientSampleId :

PB145921BL

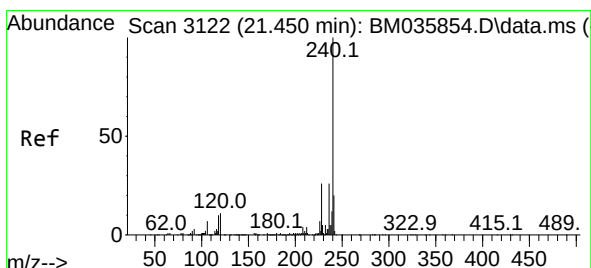
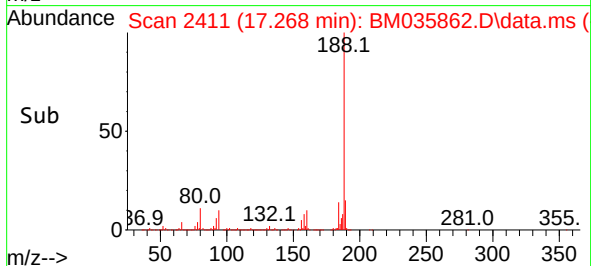
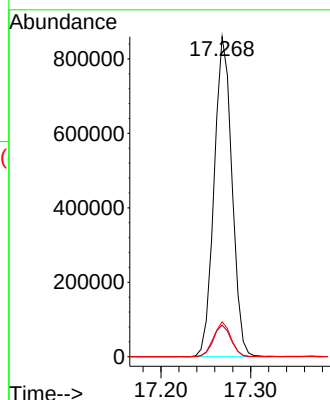
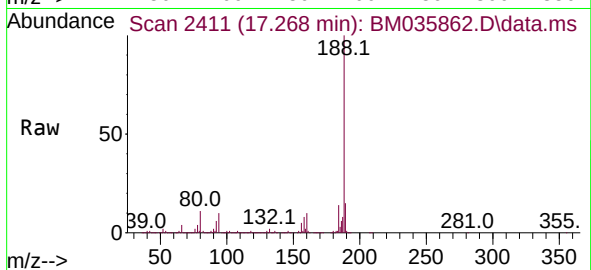
Tgt Ion:188 Resp: 1185622

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.4

80 10.9 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM035862.D

Acq: 19 Jul 2022 11:52

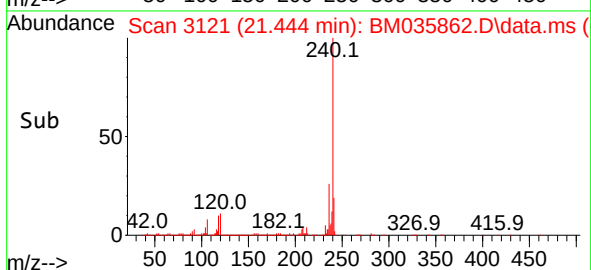
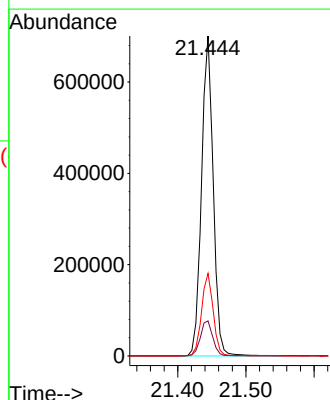
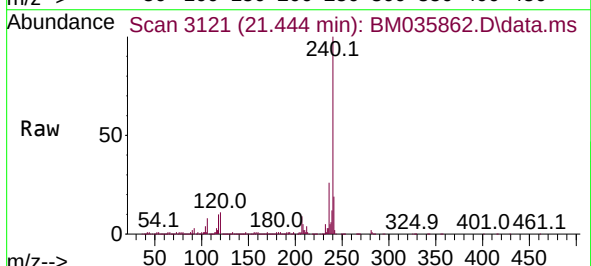
Tgt Ion:240 Resp: 835504

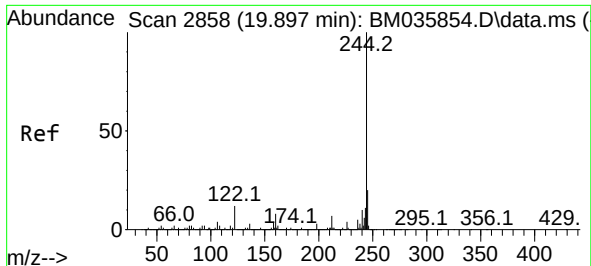
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.0

236 25.8 20.6 30.8

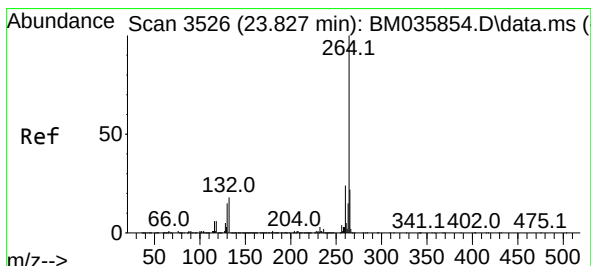
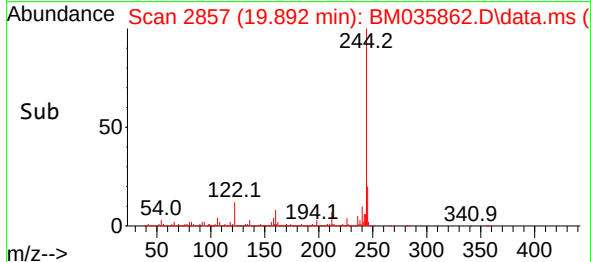
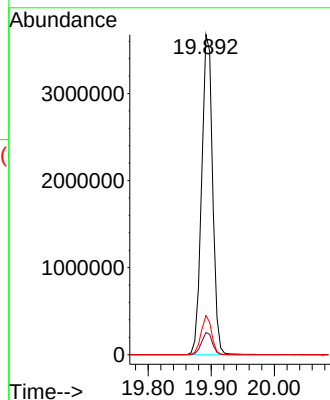
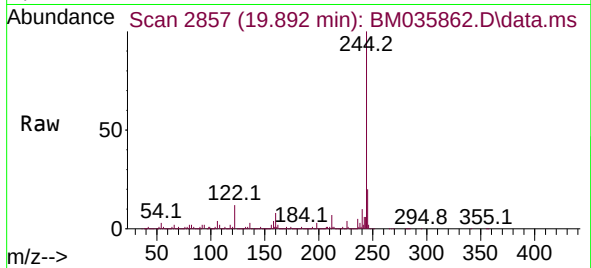




#79
 Terphenyl-d14
 Concen: 102.924 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035862.D
 Acq: 19 Jul 2022 11:52

Instrument :
 BNA_M
 ClientSampleId :
 PB145921BL

Tgt Ion:244 Resp: 4419768
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.4
 122 12.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.821 min Scan# 3525
 Delta R.T. -0.006 min
 Lab File: BM035862.D
 Acq: 19 Jul 2022 11:52

Tgt Ion:264 Resp: 754299
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.7 17.5 26.3

