

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102323\
 Data File : BM042406.D
 Acq On : 23 Oct 2023 17:33
 Operator : MA/JU
 Sample : 04957-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MH-F

Quant Time: Oct 23 18:05:35 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 21 02:32:53 2023
 Response via : Initial Calibration

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

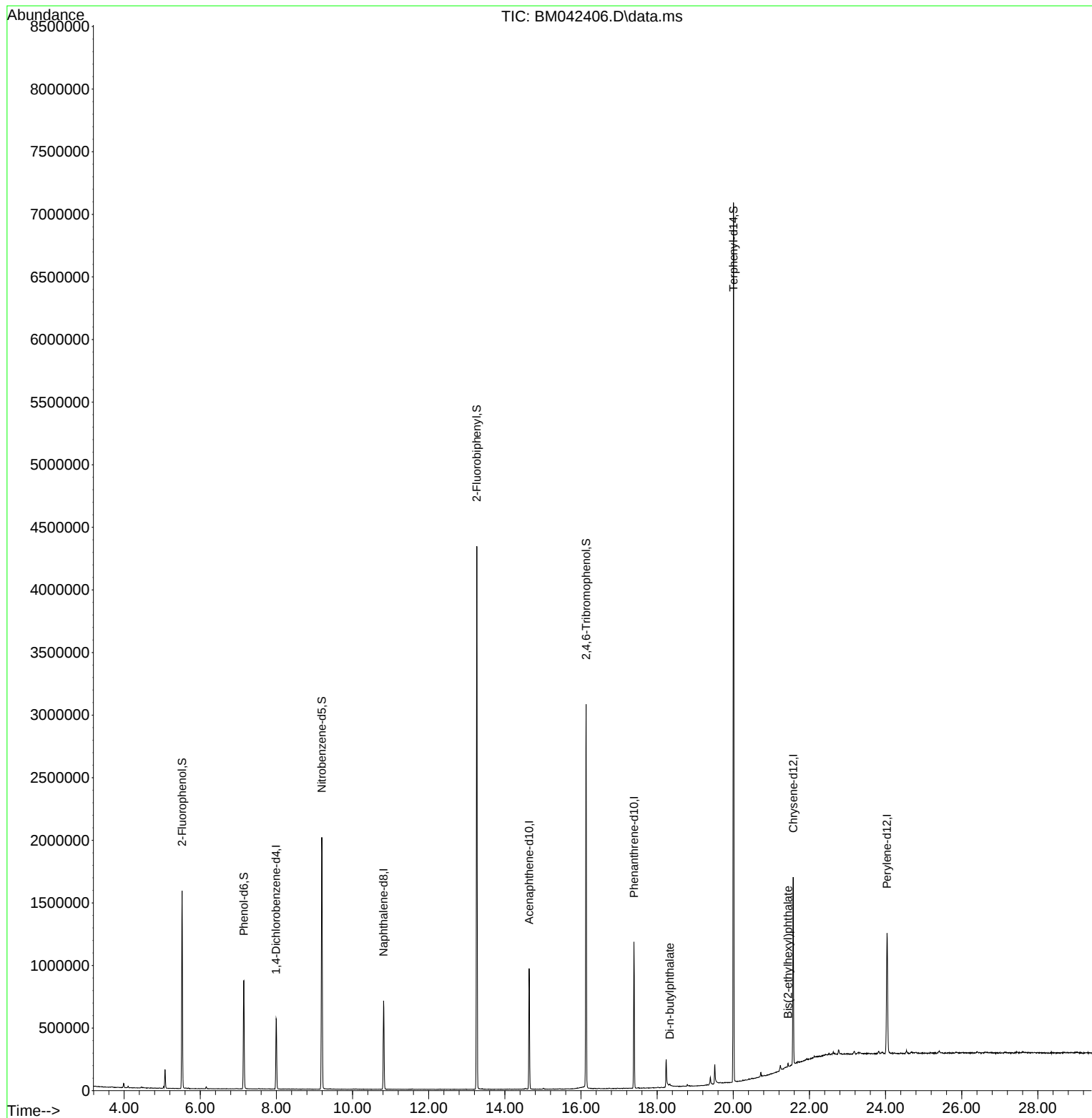
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	137726	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	540789	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	282621	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	611128	20.000	ng	0.00
76) Chrysene-d12	21.574	240	613268	20.000	ng	0.00
86) Perylene-d12	24.038	264	670924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	603175	61.897	ng	0.00
7) Phenol-d6	7.145	99	468518	35.876	ng	0.00
23) Nitrobenzene-d5	9.192	82	1133671	92.699	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	427403	136.443	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	1983128	94.491	ng	0.00
79) Terphenyl-d14	20.003	244	3121575	90.272	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	18.333	149	9143	3.037	ng	# 97
84) Bis(2-ethylhexyl)phtha...	21.439	149	7979	3.637	ng	# 97

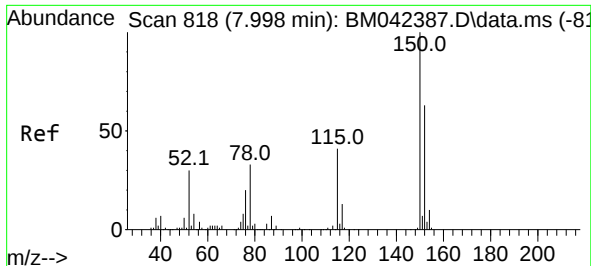
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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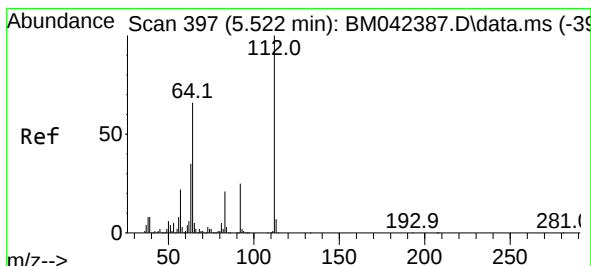
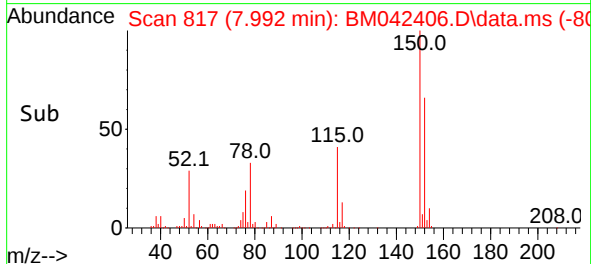
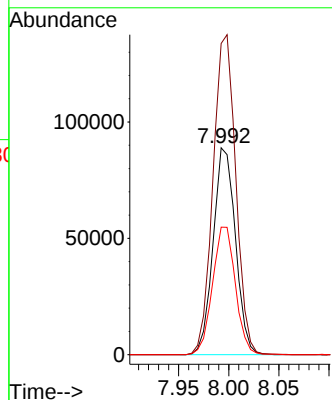
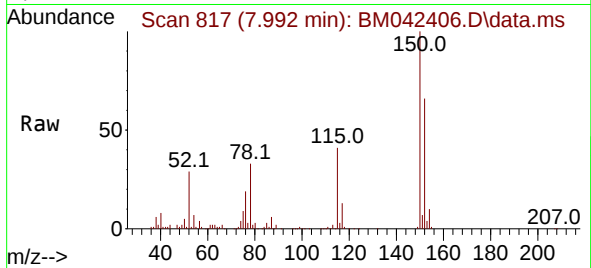




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.992 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

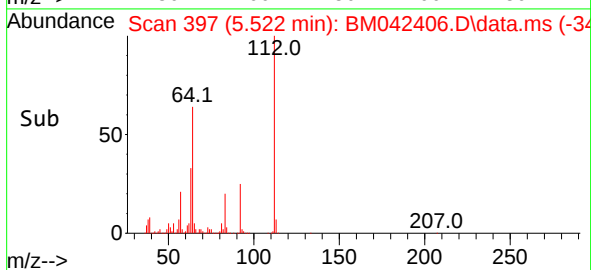
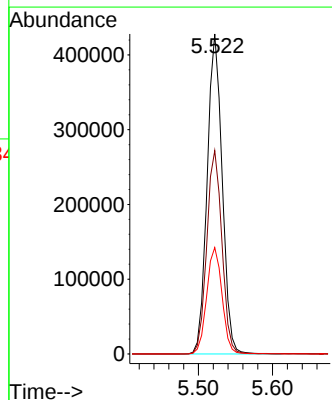
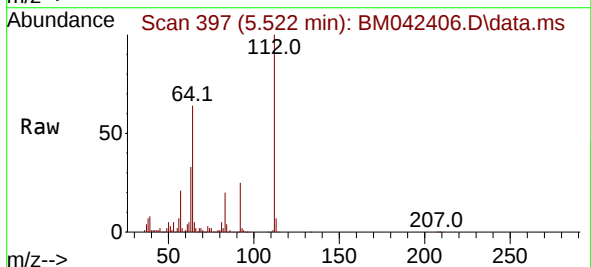
Instrument :
BNA_M
ClientSampleId :
MH-F

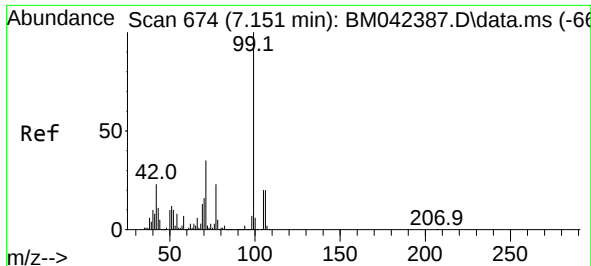
Tgt Ion:152 Resp: 137726
Ion Ratio Lower Upper
152 100
150 150.4 126.2 189.4
115 61.7 51.9 77.9



#5
2-Fluorophenol
Concen: 61.897 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

Tgt Ion:112 Resp: 603175
Ion Ratio Lower Upper
112 100
64 63.6 52.7 79.1
63 33.2 28.3 42.5

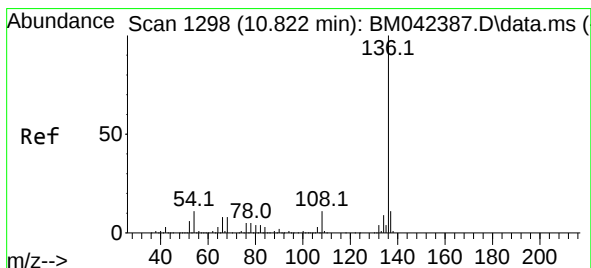
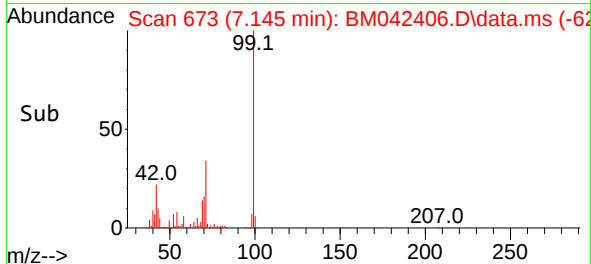
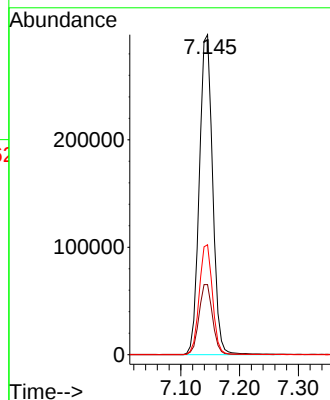
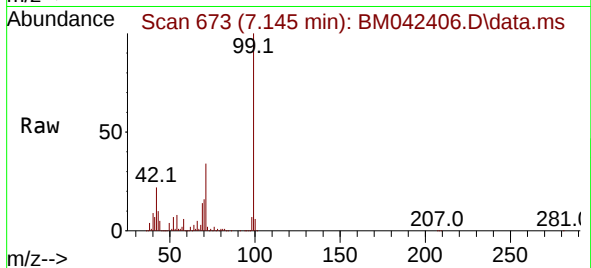




#7
Phenol-d6
Concen: 35.876 ng
RT: 7.145 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

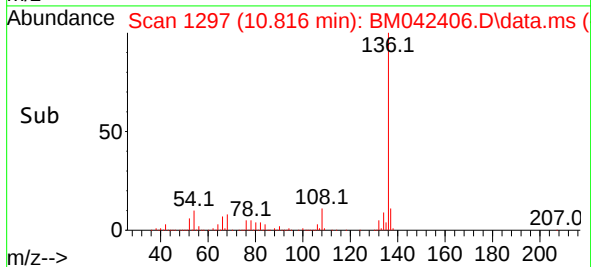
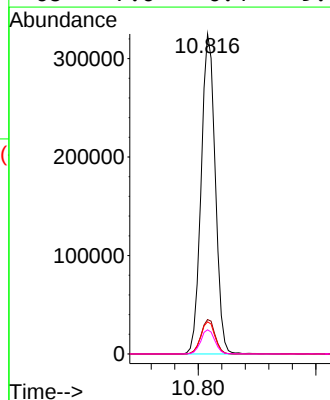
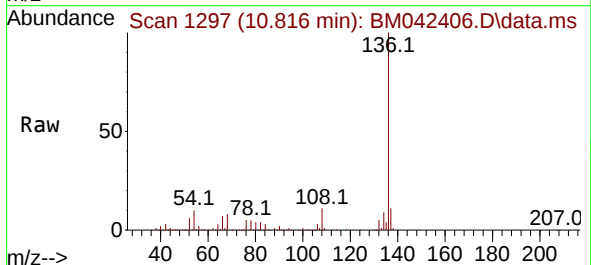
Instrument :
BNA_M
ClientSampleId :
MH-F

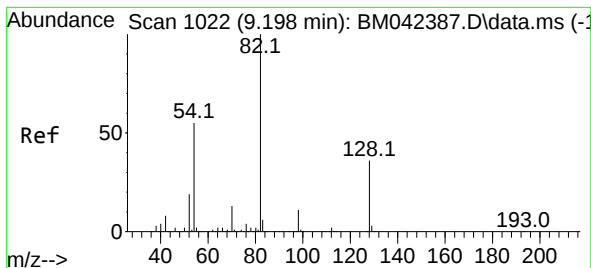
Tgt Ion: 99 Resp: 468518
Ion Ratio Lower Upper
99 100
42 21.9 18.5 27.7
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

Tgt Ion: 136 Resp: 540789
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.1 8.6 12.8
68 7.6 6.4 9.6





#23

Nitrobenzene-d5

Concen: 92.699 ng

RT: 9.192 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

Instrument :

BNA_M

ClientSampleId :

MH-F

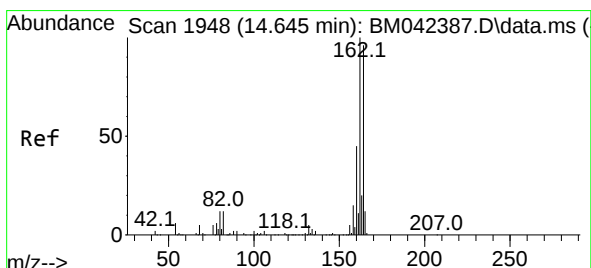
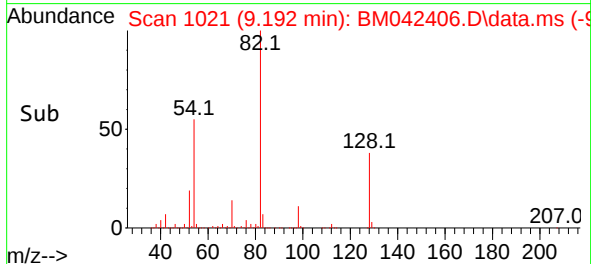
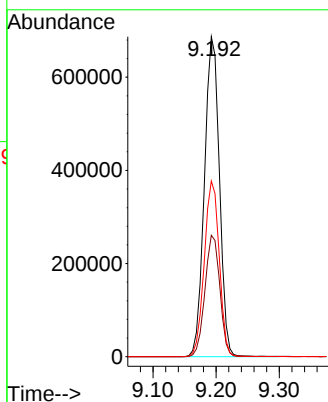
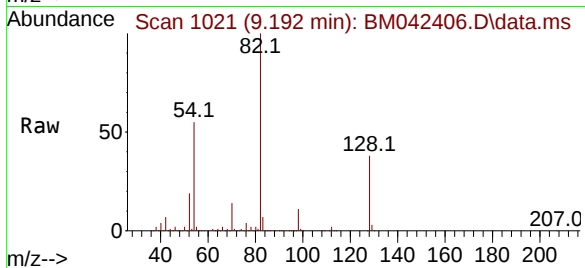
Tgt Ion: 82 Resp: 1133671

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.6

54 54.9 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.639 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

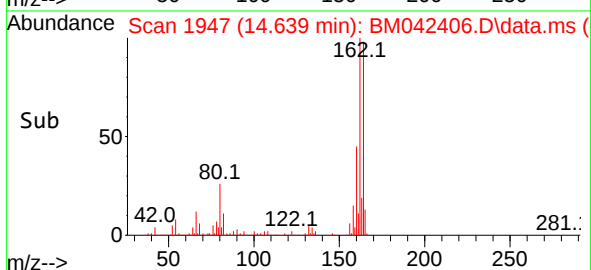
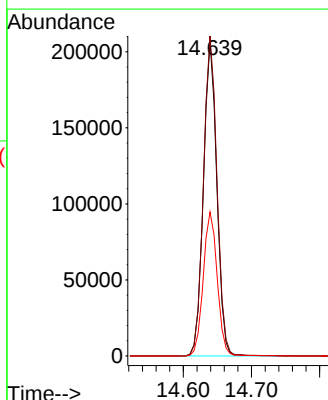
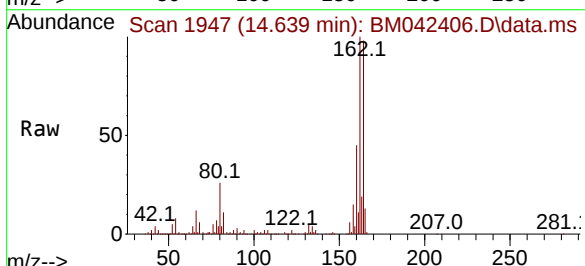
Tgt Ion:164 Resp: 282621

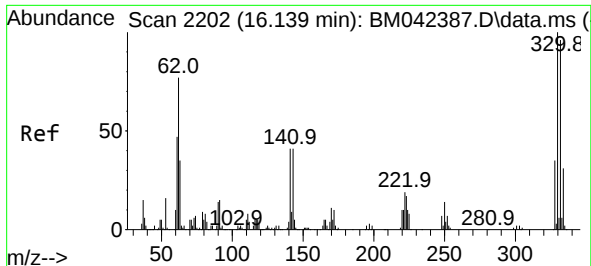
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.4

160 45.8 37.0 55.4

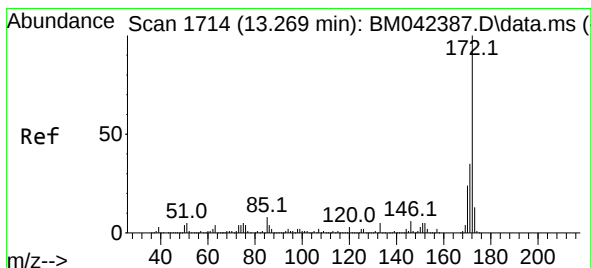
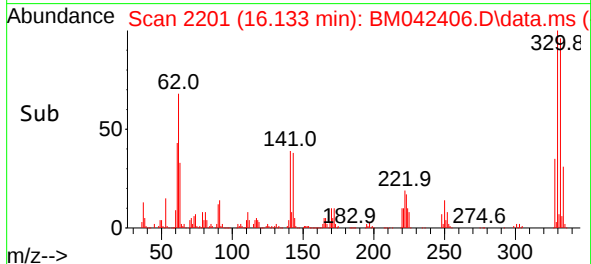
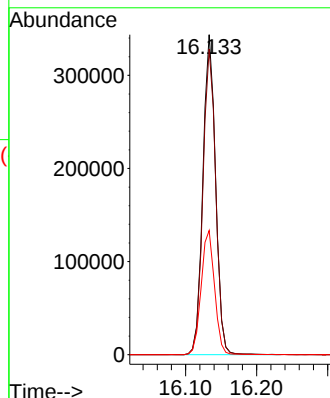
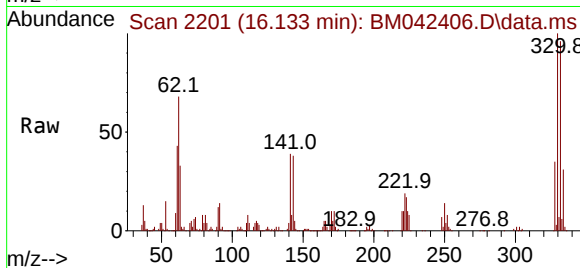




#42
2,4,6-Tribromophenol
Concen: 136.443 ng
RT: 16.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

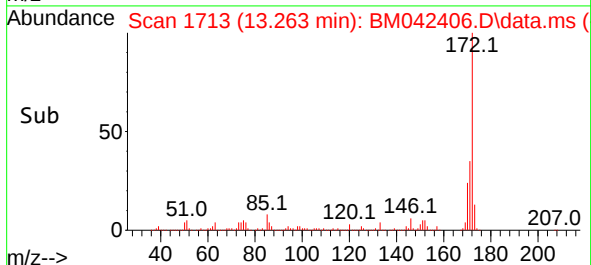
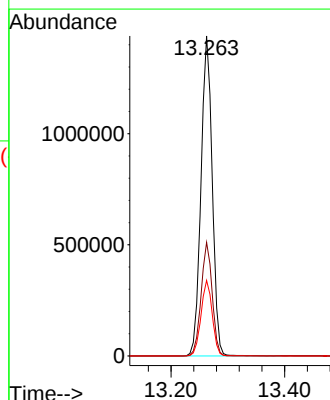
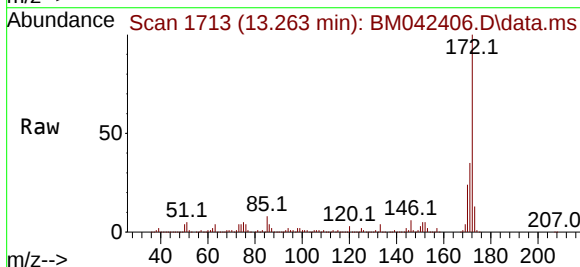
Instrument :
BNA_M
ClientSampleId :
MH-F

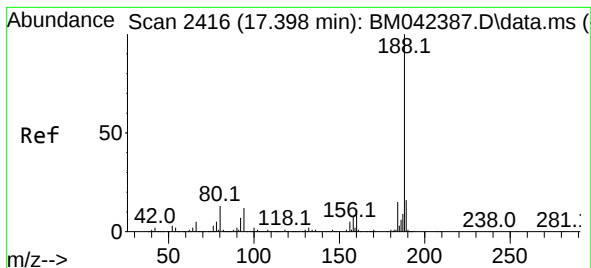
Tgt Ion:330 Resp: 427403
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 41.0 38.0 57.0



#45
2-Fluorobiphenyl
Concen: 94.491 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM042406.D
Acq: 23 Oct 2023 17:33

Tgt Ion:172 Resp: 1983128
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

Instrument :

BNA_M

ClientSampleId :

MH-F

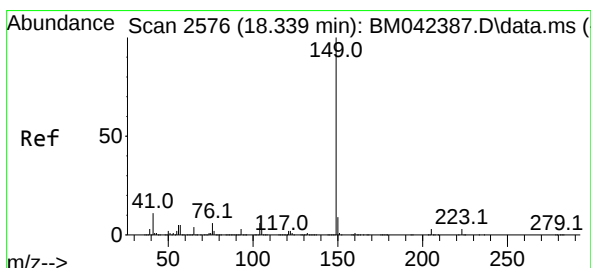
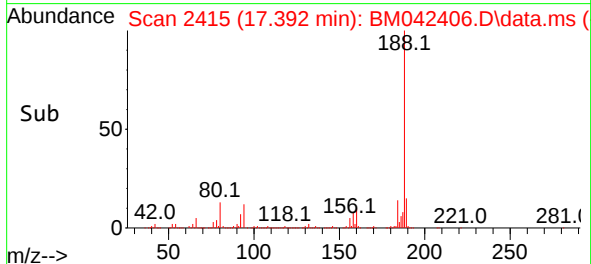
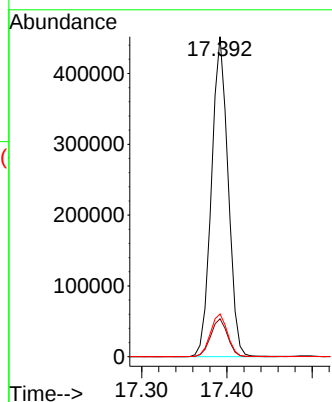
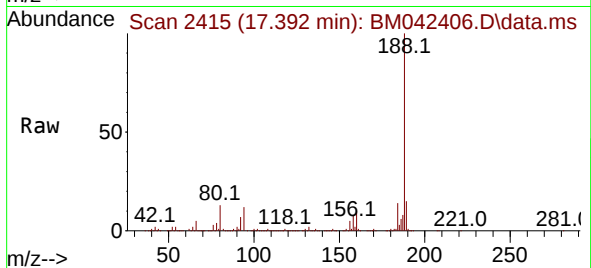
Tgt Ion:188 Resp: 611128

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.0

80 13.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 3.037 ng

RT: 18.333 min Scan# 2575

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

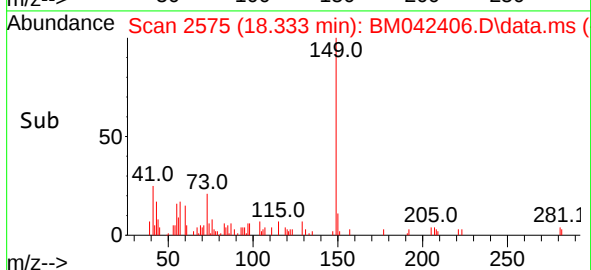
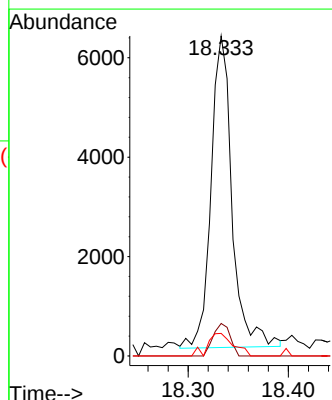
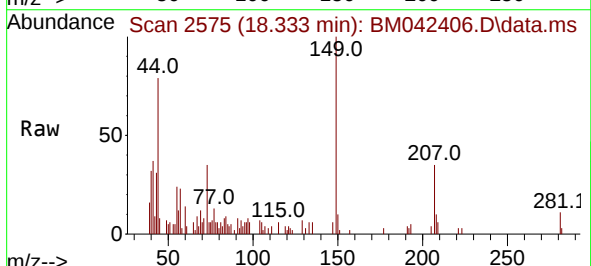
Tgt Ion:149 Resp: 9143

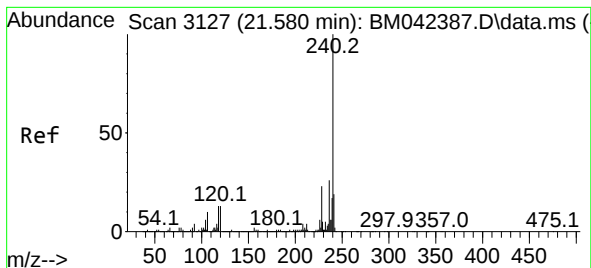
Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.0

104 7.1 4.6 7.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

Instrument :

BNA_M

ClientSampleId :

MH-F

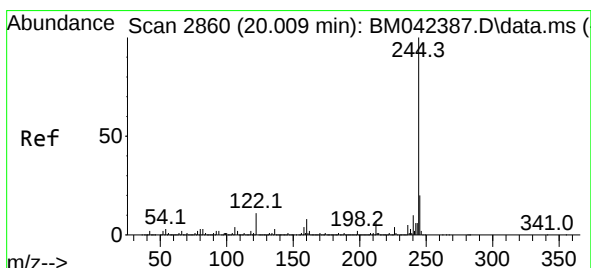
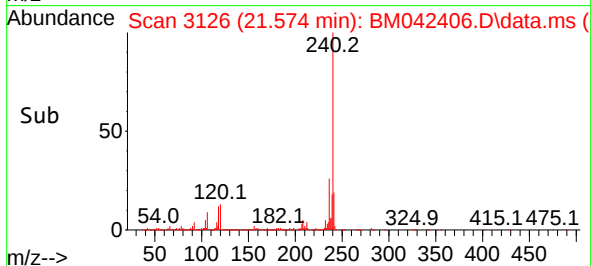
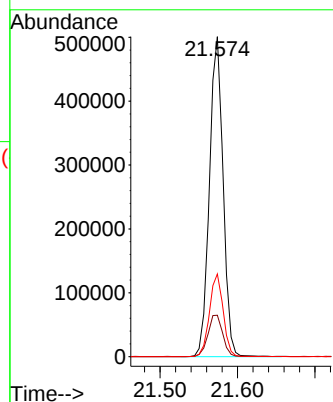
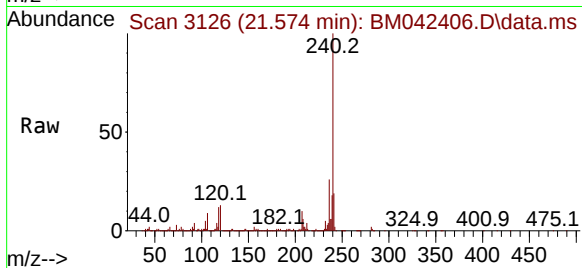
Tgt Ion:240 Resp: 613268

Ion Ratio Lower Upper

240 100

120 12.9 10.7 16.1

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 90.272 ng

RT: 20.003 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BM042406.D

Acq: 23 Oct 2023 17:33

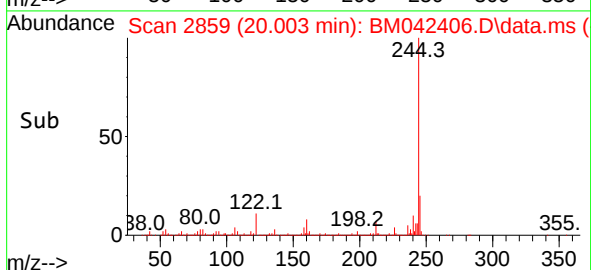
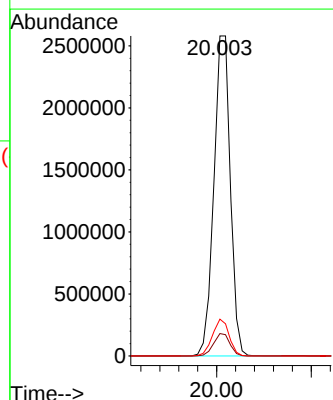
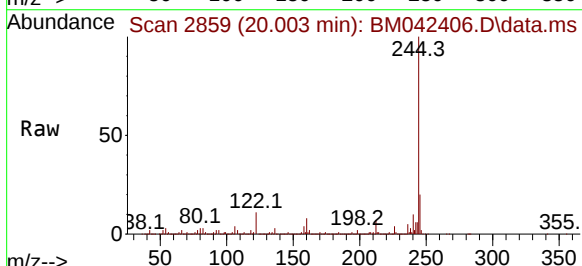
Tgt Ion:244 Resp: 3121575

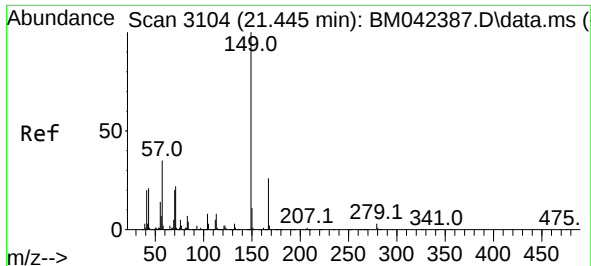
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 11.5 8.8 13.2

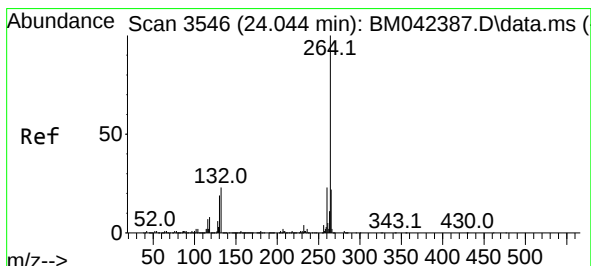
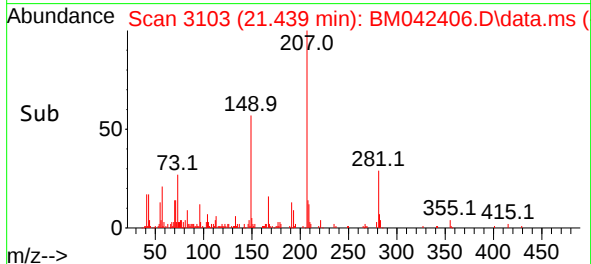
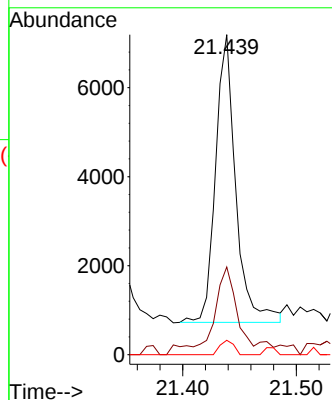
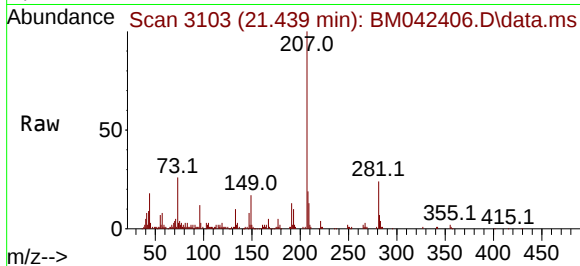




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.637 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042406.D
 Acq: 23 Oct 2023 17:33

Instrument :
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Tgt Ion:149 Resp: 7979
 Ion Ratio Lower Upper
 149 100
 167 27.4 20.9 31.3
 279 4.5 2.7 4.1#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.038 min Scan# 3545
 Delta R.T. -0.006 min
 Lab File: BM042406.D
 Acq: 23 Oct 2023 17:33

Tgt Ion:264 Resp: 670924
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.7 17.8 26.8

