

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042461.D
 Acq On : 26 Oct 2023 20:24
 Operator : MA/JU
 Sample : 05010-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 343

Quant Time: Oct 27 00:46:04 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)

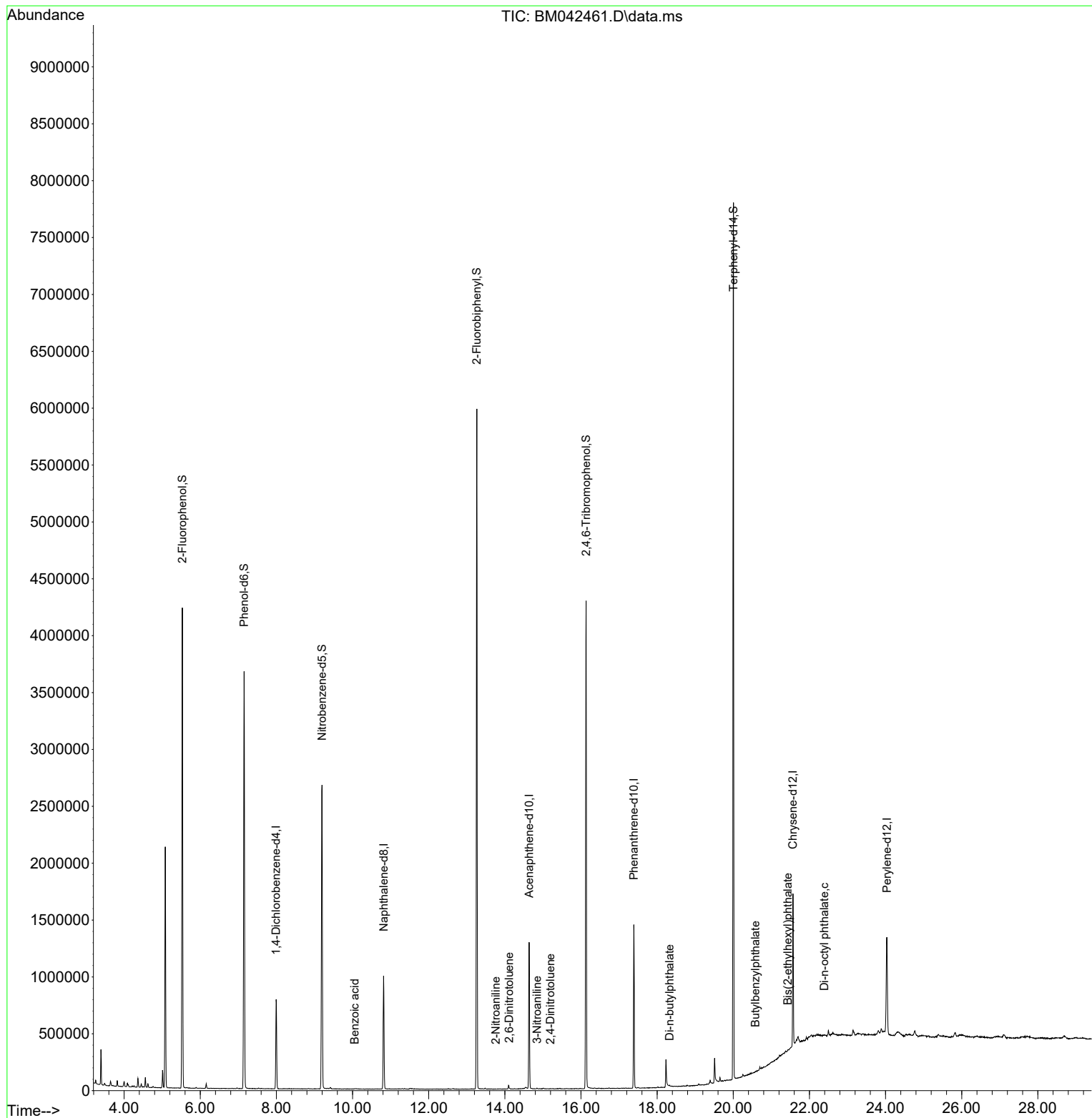
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	199322	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	768920	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	429342	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	829447	20.000	ng	-0.01
76) Chrysene-d12	21.568	240	592685	20.000	ng	-0.01
86) Perylene-d12	24.033	264	642984	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1630532	115.615	ng	0.00
7) Phenol-d6	7.151	99	1951683	103.264	ng	0.00
23) Nitrobenzene-d5	9.198	82	1538498	88.477	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	766674	159.440	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2947930	92.460	ng	0.00
79) Terphenyl-d14	20.004	244	3732223	111.679	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.057	122	788	5.403	ng	# 86
48) 2-Nitroaniline	13.763	65	55	3.644	ng	# 13
51) 2,6-Dinitrotoluene	14.110	165	318	2.929	ng	# 50
53) 3-Nitroaniline	14.845	138	500	3.321	ng	# 1
57) 2,4-Dinitrotoluene	15.198	165	183	4.081	ng	# 6
74) Di-n-butylphthalate	18.327	149	4729	2.901	ng	# 89
80) Butylbenzylphthalate	20.580	149	542	3.285	ng	94
84) Bis(2-ethylhexyl)phtha...	21.433	149	5299	3.553	ng	# 89
85) Di-n-octyl phthalate	22.392	149	857	4.236	ng	# 69

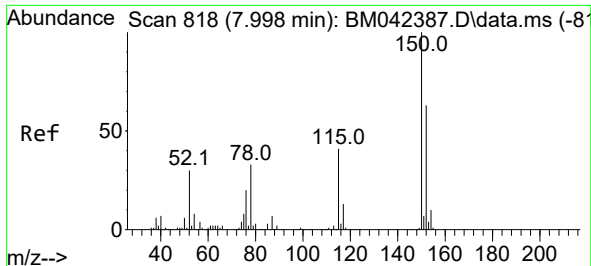
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
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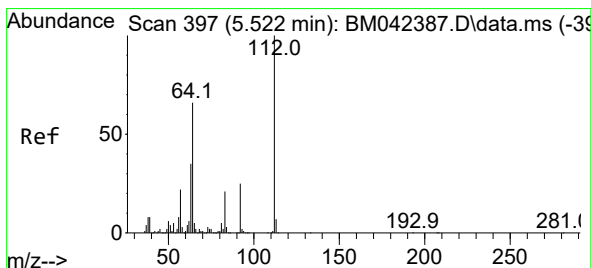
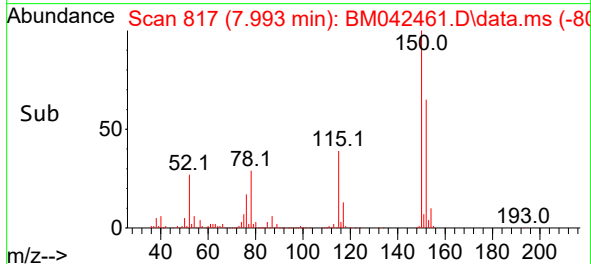
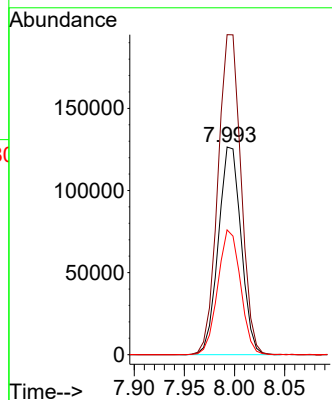
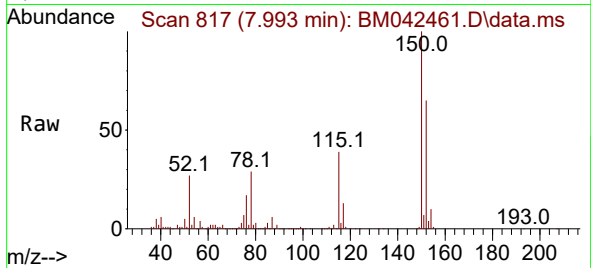




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

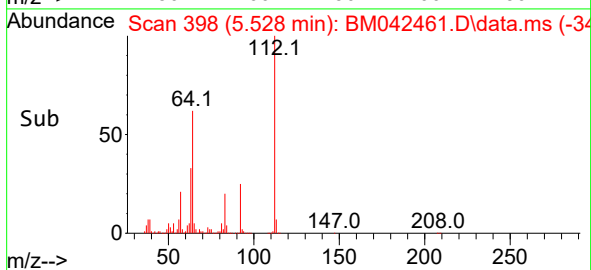
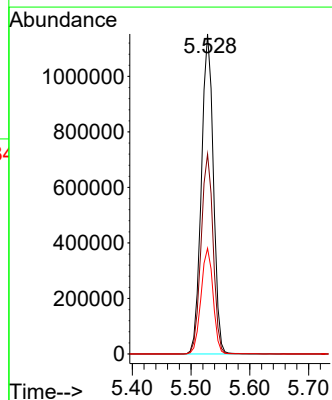
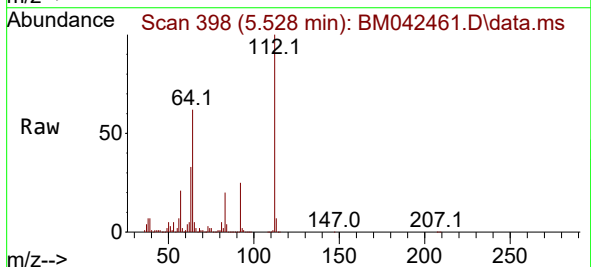
Instrument :
BNA_M
ClientSampleId :
343

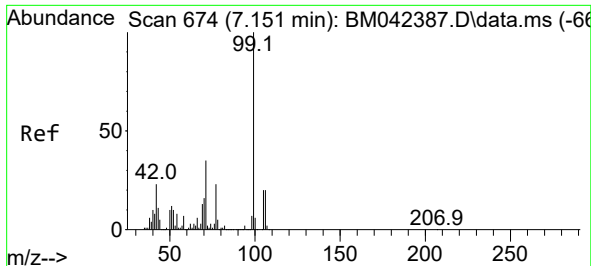
Tgt Ion:152 Resp: 199322
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.4
115 60.1 51.9 77.9



#5
2-Fluorophenol
Concen: 115.615 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:112 Resp: 1630532
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.0 28.3 42.5

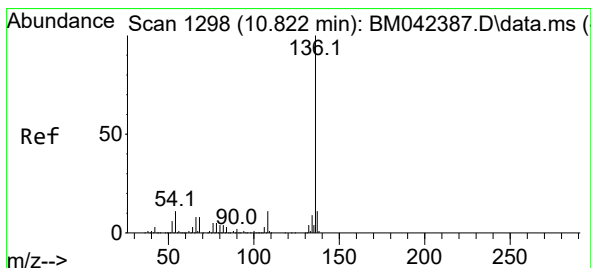
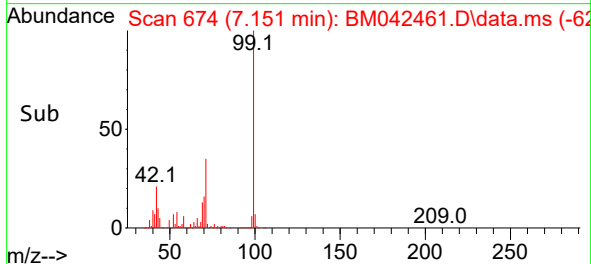
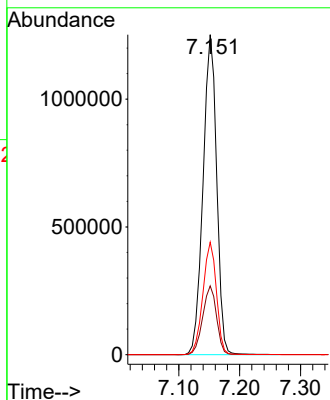
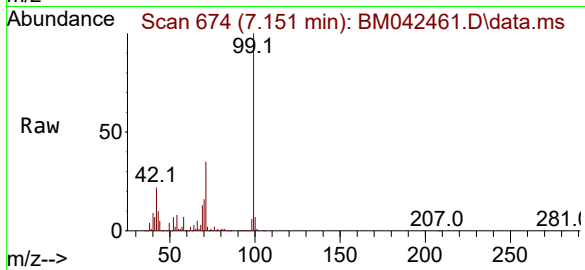




#7
Phenol-d6
Concen: 103.264 ng
RT: 7.151 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

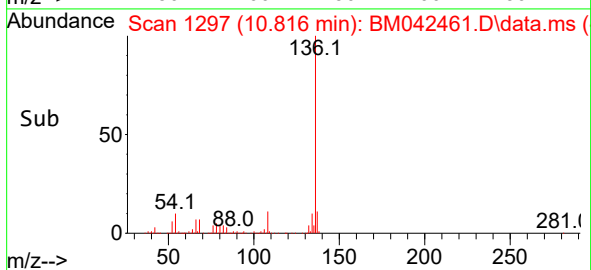
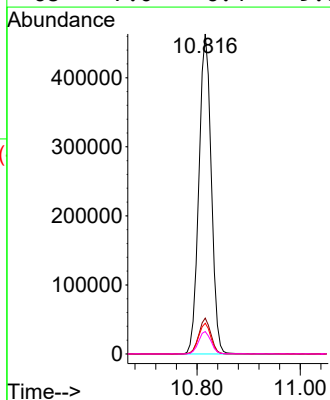
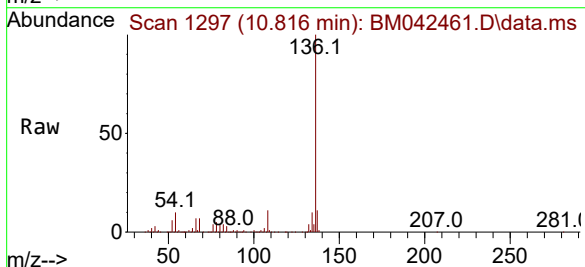
Instrument :
BNA_M
ClientSampleId :
343

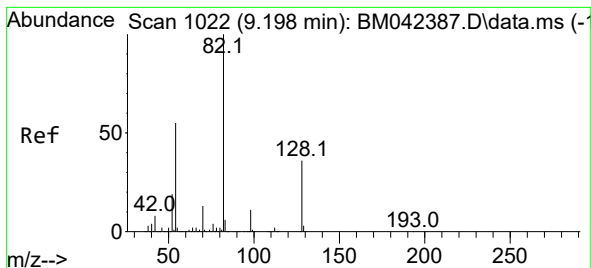
Tgt Ion: 99 Resp: 1951683
Ion Ratio Lower Upper
99 100
42 21.5 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:136 Resp: 768920
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 9.6 8.6 12.8
68 7.0 6.4 9.6





#23

Nitrobenzene-d5

Concen: 88.477 ng

RT: 9.198 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343

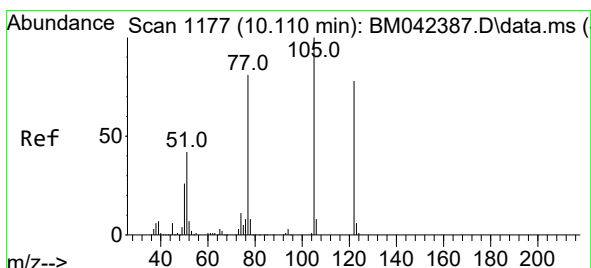
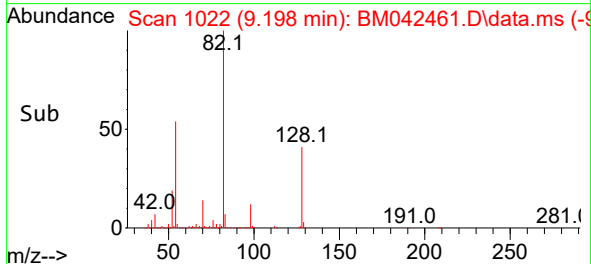
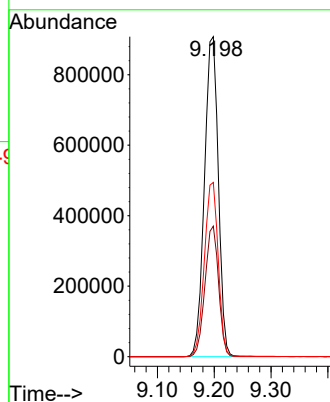
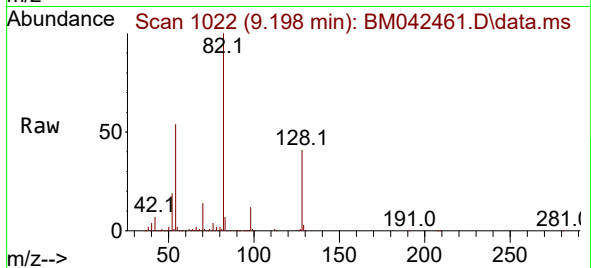
Tgt Ion: 82 Resp: 1538498

Ion Ratio Lower Upper

82 100

128 40.8 29.0 43.6

54 54.5 43.7 65.5



#32

Benzoic acid

Concen: 5.403 ng

RT: 10.057 min Scan# 1168

Delta R.T. -0.053 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

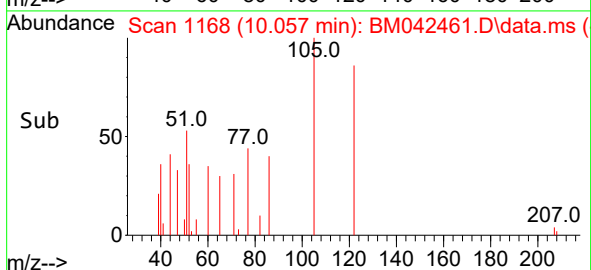
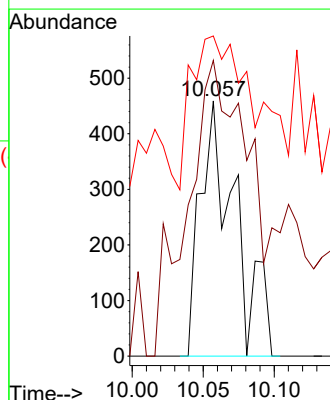
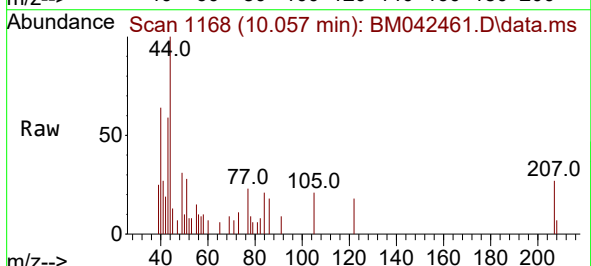
Tgt Ion:122 Resp: 788

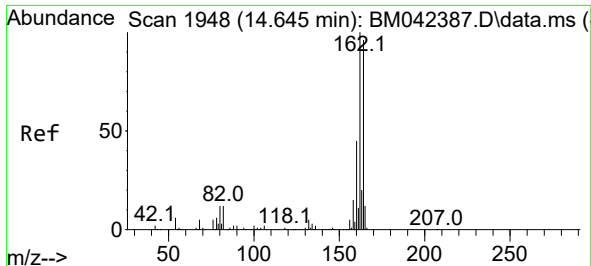
Ion Ratio Lower Upper

122 100

105 115.9 104.9 144.9

77 125.5 83.4 123.4#

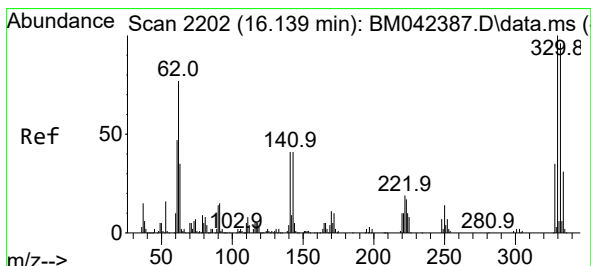
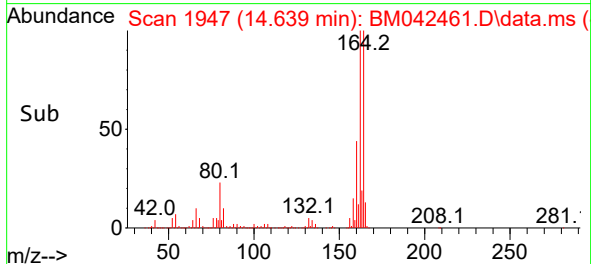
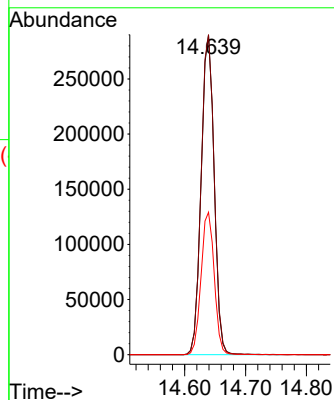
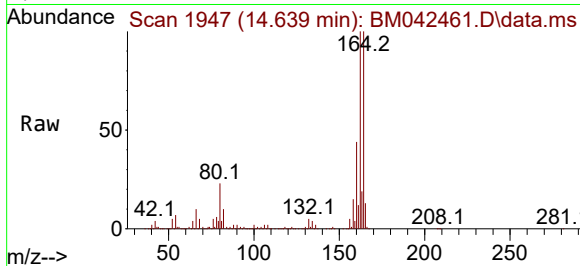




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

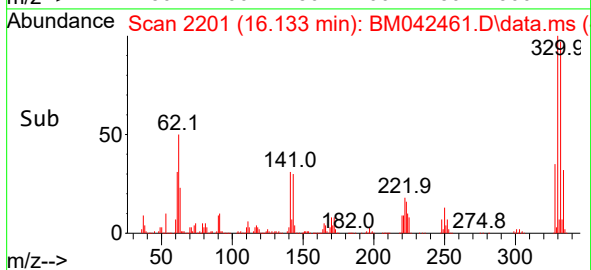
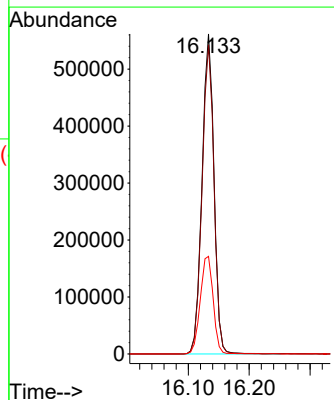
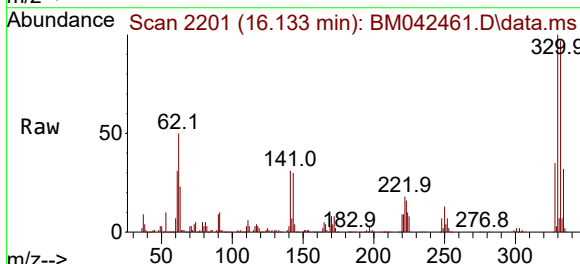
Instrument :
BNA_M
ClientSampleId :
343

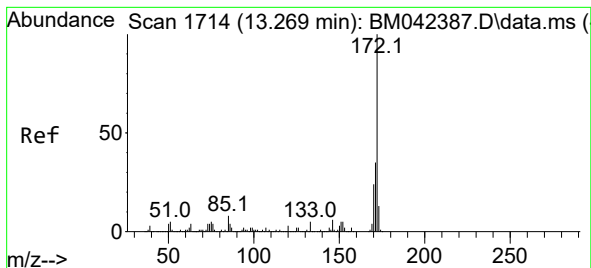
Tgt Ion:164 Resp: 429342
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 44.5 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 159.440 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042461.D
Acq: 26 Oct 2023 20:24

Tgt Ion:330 Resp: 766674
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 33.0 38.0 57.0#





#45

2-Fluorobiphenyl

Concen: 92.460 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343

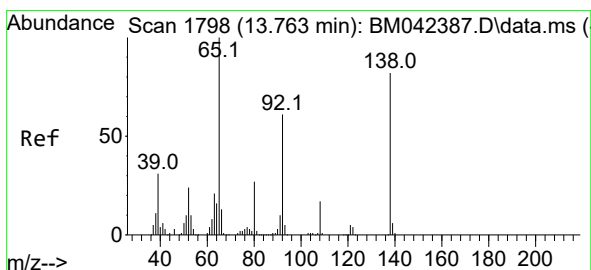
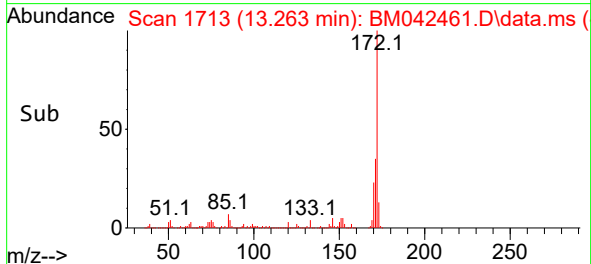
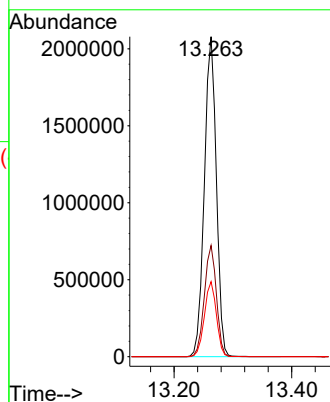
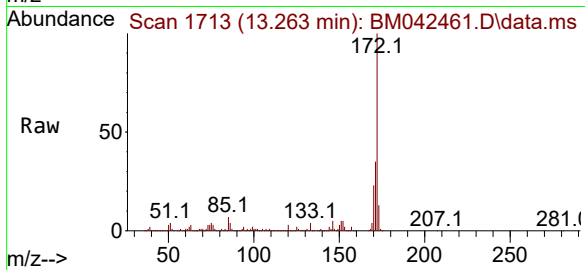
Tgt Ion:172 Resp: 2947930

Ion Ratio Lower Upper

172 100

171 34.7 28.1 42.1

170 23.4 18.9 28.3



#48

2-Nitroaniline

Concen: 3.644 ng

RT: 13.763 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

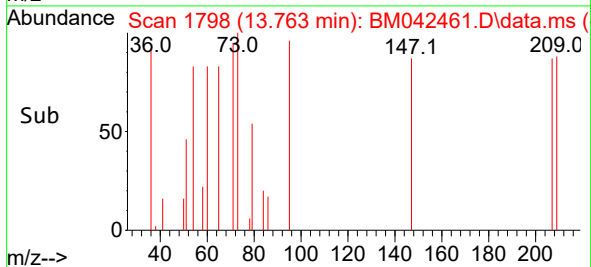
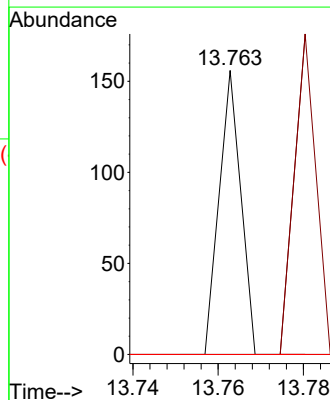
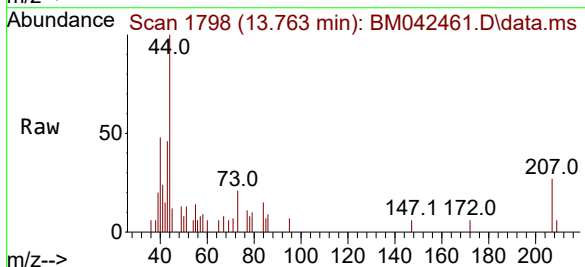
Tgt Ion: 65 Resp: 55

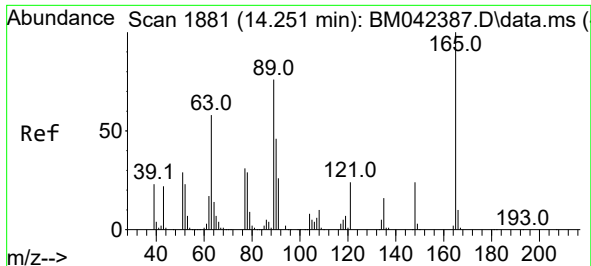
Ion Ratio Lower Upper

65 100

92 0.0 49.0 73.6#

138 0.0 65.5 98.3#





#51

2,6-Dinitrotoluene

Concen: 2.929 ng

RT: 14.110 min Scan# 11

Delta R.T. -0.141 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343

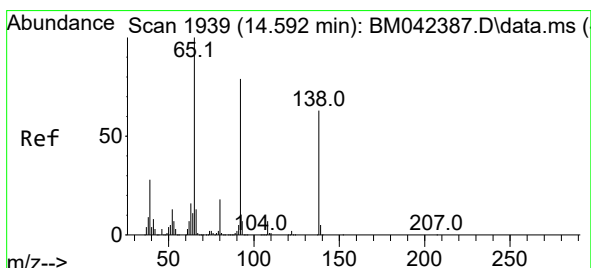
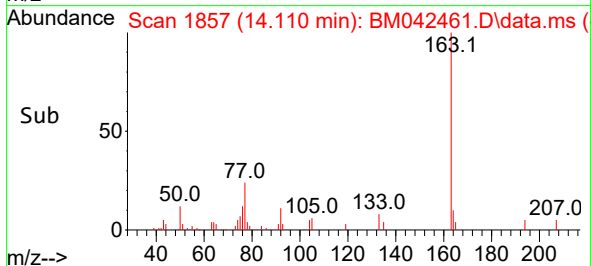
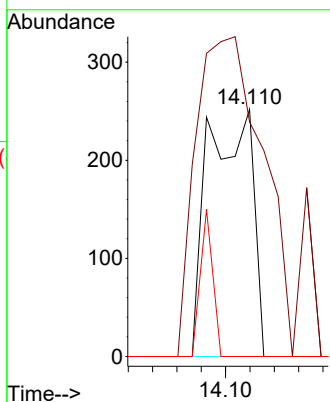
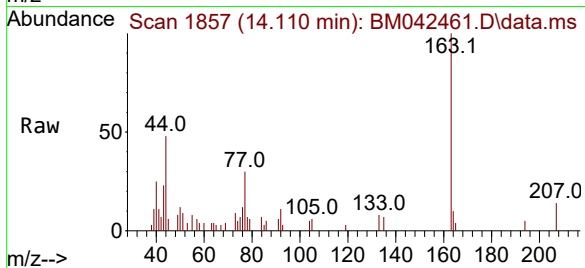
Tgt Ion:165 Resp: 318

Ion Ratio Lower Upper

165 100

63 94.8 65.3 97.9

89 0.0 60.6 91.0#



#53

3-Nitroaniline

Concen: 3.321 ng

RT: 14.845 min Scan# 1982

Delta R.T. 0.253 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

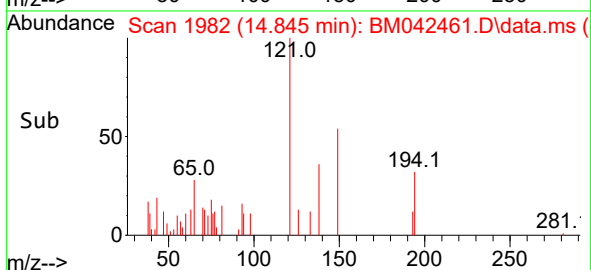
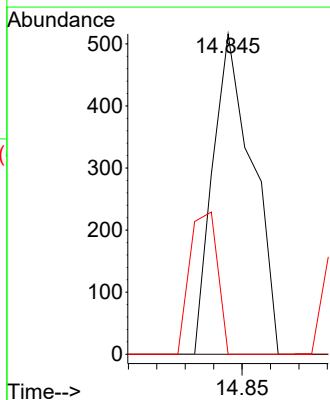
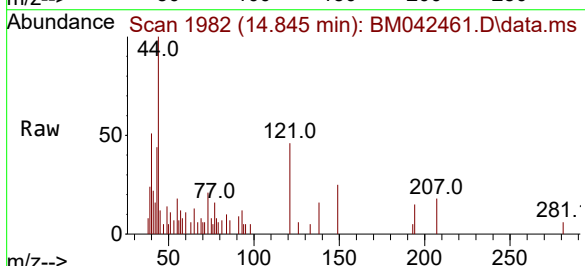
Tgt Ion:138 Resp: 500

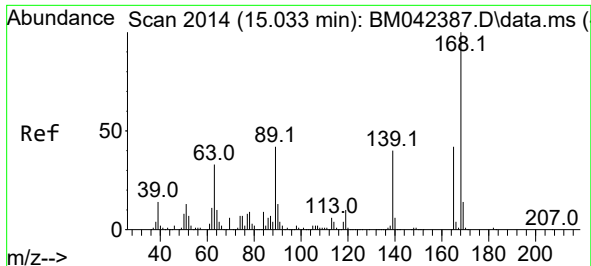
Ion Ratio Lower Upper

138 100

108 0.0 8.3 12.5#

92 0.0 100.6 151.0#





#57

2,4-Dinitrotoluene

Concen: 4.081 ng

RT: 15.198 min Scan# 2014

Delta R.T. 0.165 min

Lab File: BM042461.D

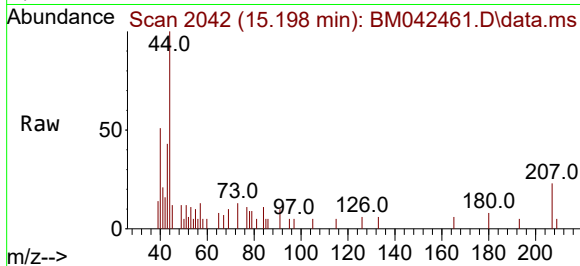
Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:165 Resp: 183

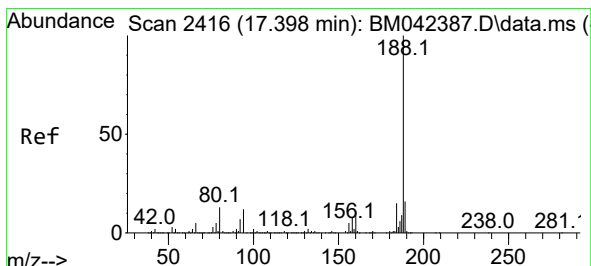
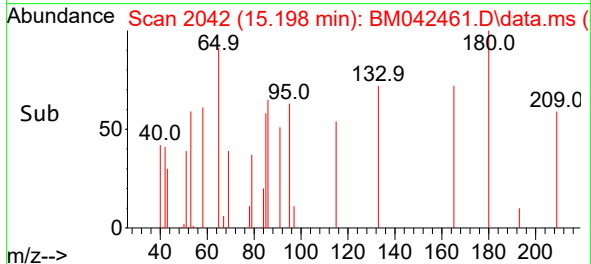
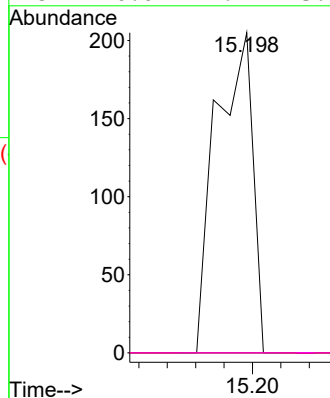
Ion Ratio Lower Upper

165 100

63 0.0 62.9 94.3#

89 0.0 80.2 120.2#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.386 min Scan# 2414

Delta R.T. -0.012 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

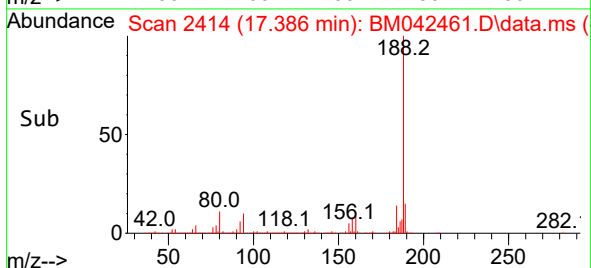
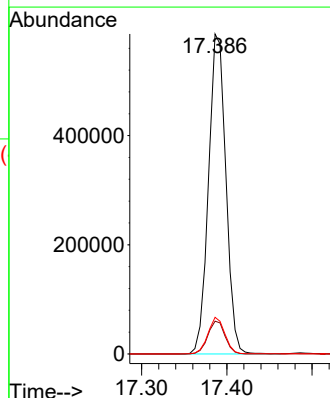
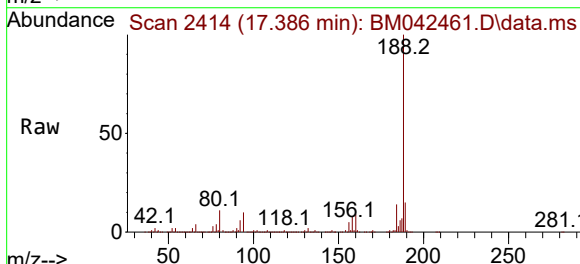
Tgt Ion:188 Resp: 829447

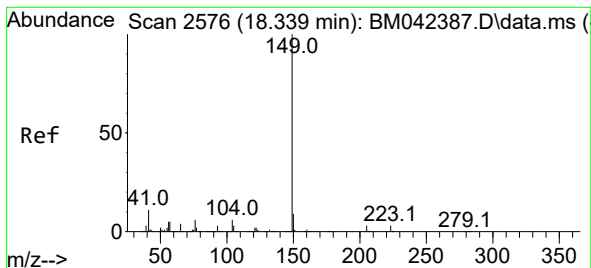
Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.5 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.901 ng

RT: 18.327 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343

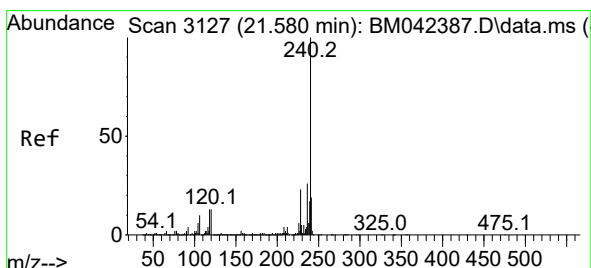
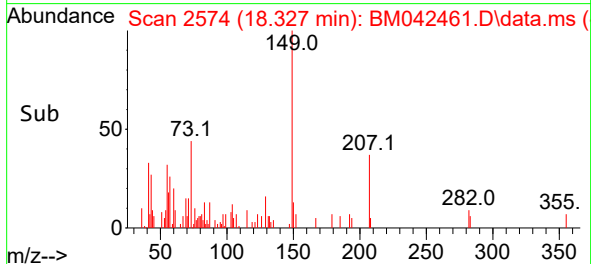
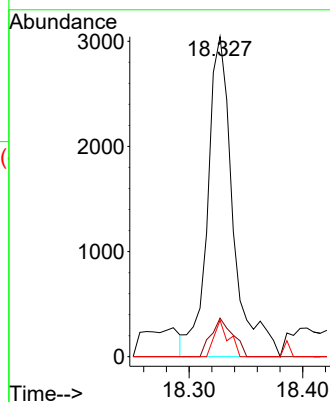
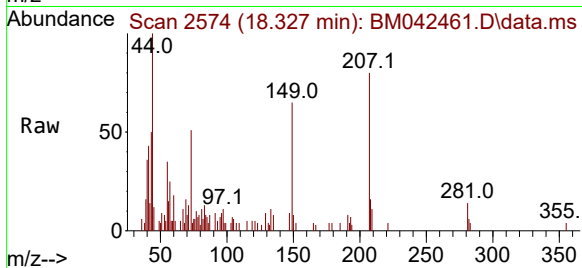
Tgt Ion:149 Resp: 4729

Ion Ratio Lower Upper

149 100

150 12.1 7.4 11.0#

104 11.4 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.568 min Scan# 3125

Delta R.T. -0.012 min

Lab File: BM042461.D

Acq: 26 Oct 2023 20:24

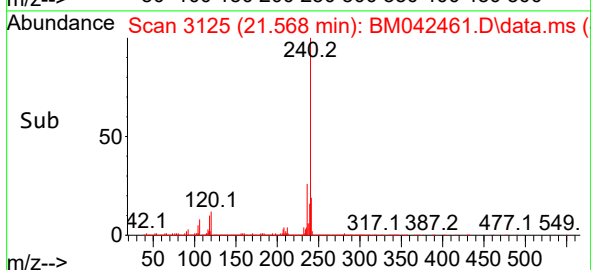
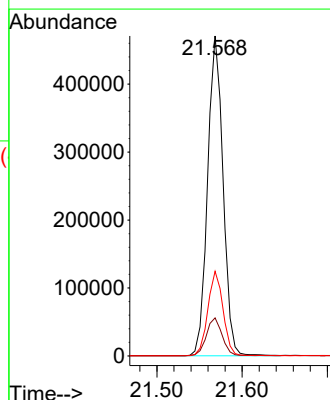
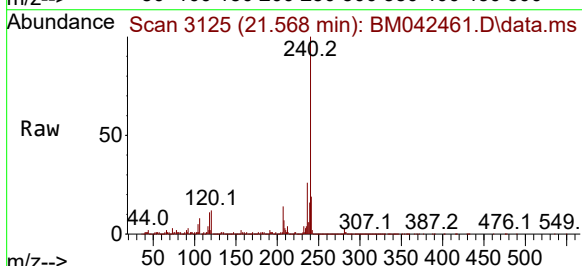
Tgt Ion:240 Resp: 592685

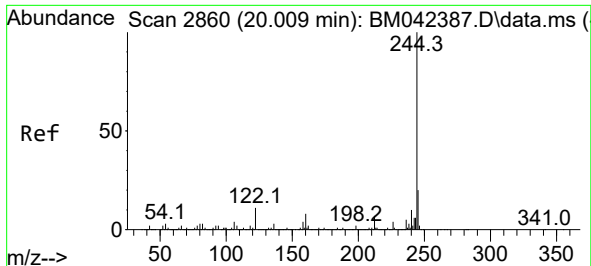
Ion Ratio Lower Upper

240 100

120 11.9 10.7 16.1

236 26.5 20.7 31.1

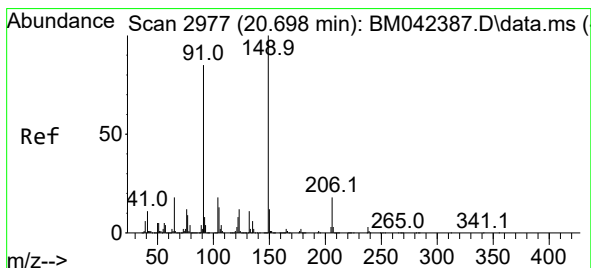
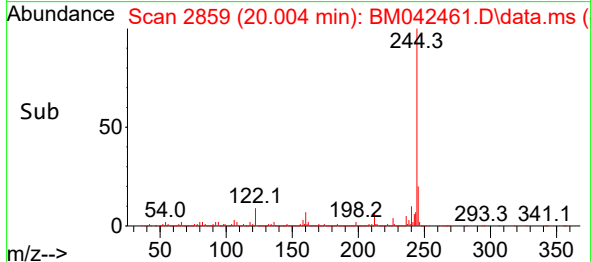
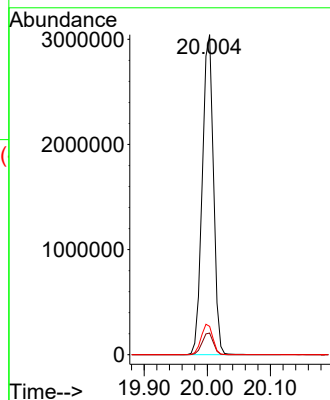
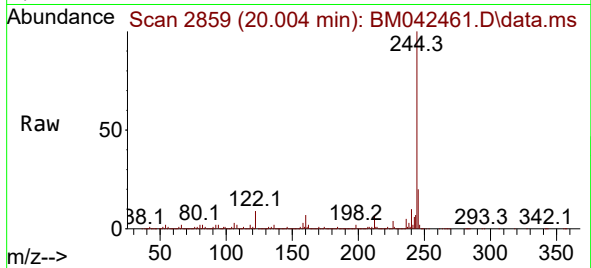




#79
 Terphenyl-d14
 Concen: 111.679 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042461.D
 Acq: 26 Oct 2023 20:24

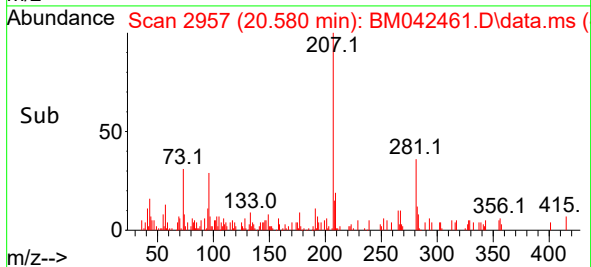
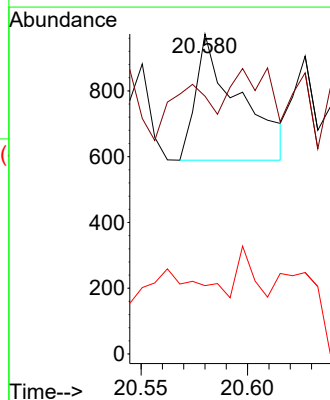
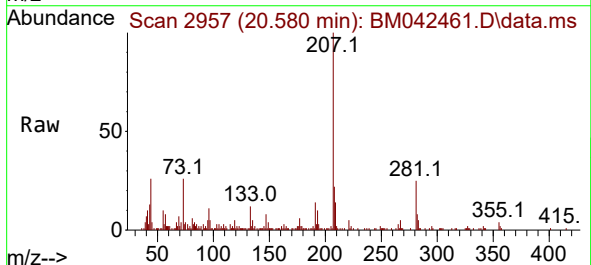
Instrument :
 BNA_M
 ClientSampleId :
 343

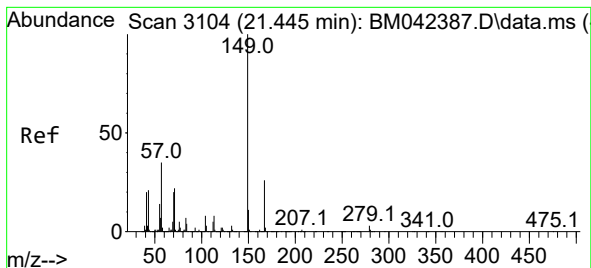
Tgt Ion:244 Resp: 3732223
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.9 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.285 ng
 RT: 20.580 min Scan# 2957
 Delta R.T. -0.118 min
 Lab File: BM042461.D
 Acq: 26 Oct 2023 20:24

Tgt Ion:149 Resp: 542
 Ion Ratio Lower Upper
 149 100
 91 80.6 68.3 102.5
 206 21.4 14.6 22.0

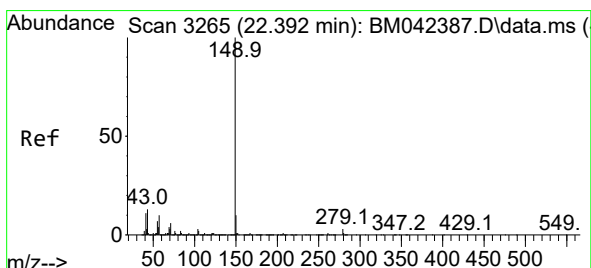
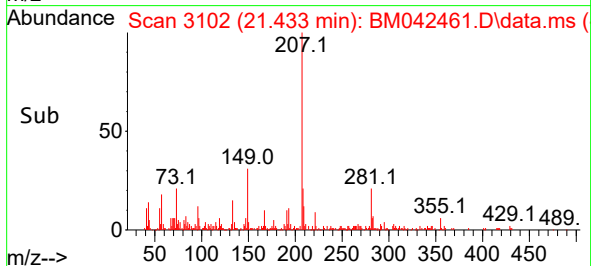
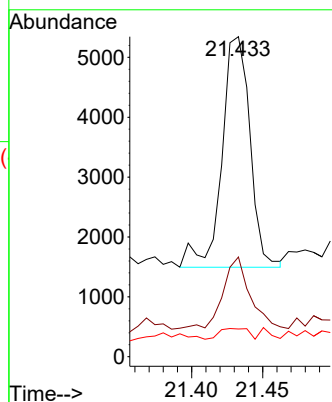
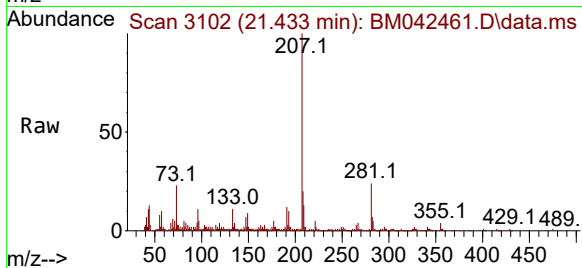




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.553 ng
 RT: 21.433 min Scan# 3104
 Delta R.T. -0.012 min
 Lab File: BM042461.D
 Acq: 26 Oct 2023 20:24

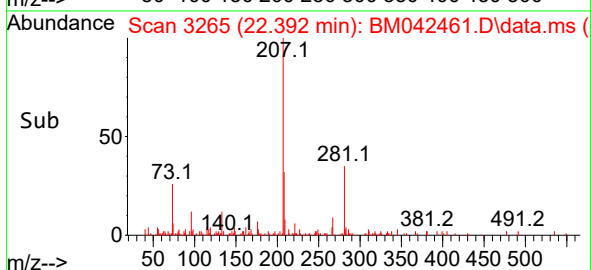
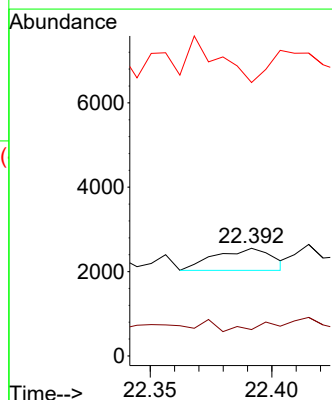
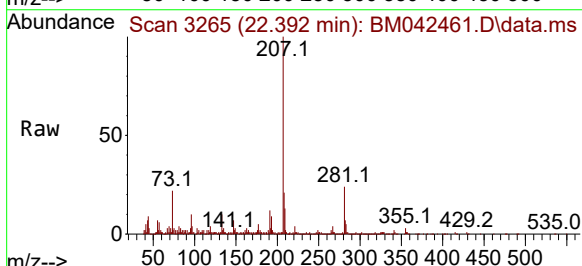
Instrument :
 BNA_M
 ClientSampleId :
 343

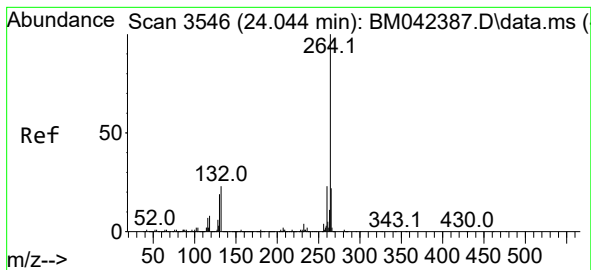
Tgt Ion:149 Resp: 5299
 Ion Ratio Lower Upper
 149 100
 167 31.2 20.9 31.3
 279 8.7 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 4.236 ng
 RT: 22.392 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: BM042461.D
 Acq: 26 Oct 2023 20:24

Tgt Ion:149 Resp: 857
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM042461.D

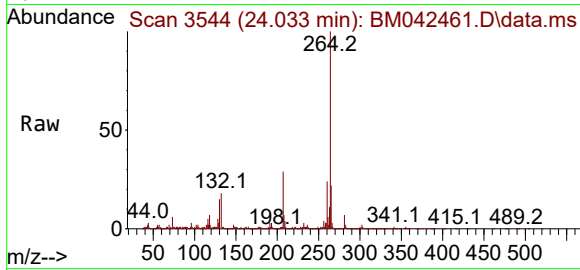
Acq: 26 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

343



Tgt Ion:264 Resp: 642984

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.7 17.8 26.8

