

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042481.D
 Acq On : 27 Oct 2023 20:24
 Operator : MA/JU
 Sample : PB156500BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

Quant Time: Oct 28 00:28:49 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)

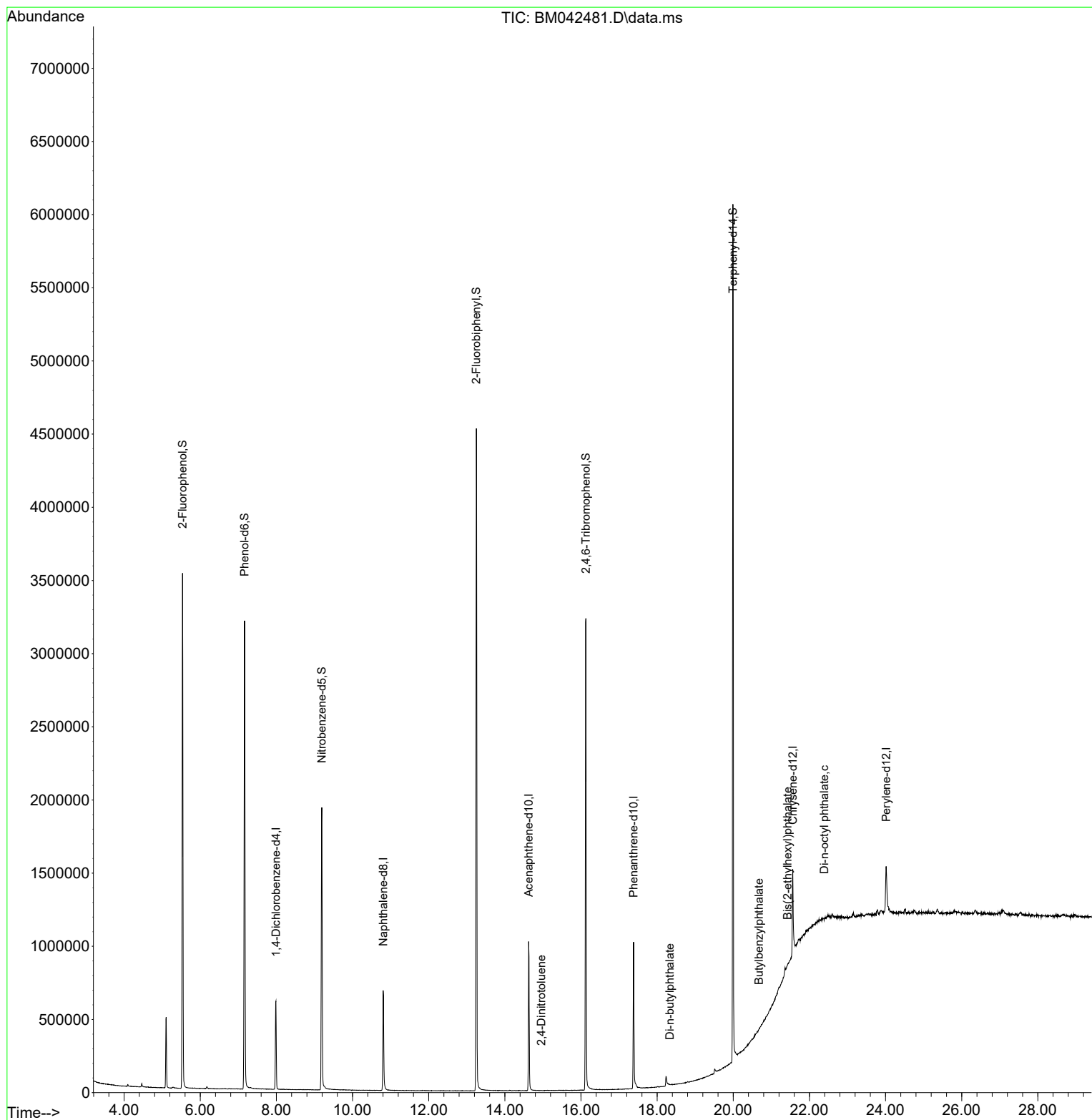
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	155060	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	590475	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	338846	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	645611	20.000	ng	0.00
76) Chrysene-d12	21.562	240	384087	20.000	ng	0.00
86) Perylene-d12	24.015	264	352346	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1424087	129.800	ng	0.00
7) Phenol-d6	7.163	99	1774185	120.668	ng	0.00
23) Nitrobenzene-d5	9.192	82	1143873	85.663	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	564519	149.373	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2334686	92.783	ng	0.00
79) Terphenyl-d14	19.992	244	2761041	127.489	ng	0.00
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	14.957	165	68	4.072	ng	# 6
74) Di-n-butylphthalate	18.333	149	1196	2.845	ng	# 78
80) Butylbenzylphthalate	20.674	149	301	3.281	ng	# 48
84) Bis(2-ethylhexyl)phtha...	21.427	149	2657	3.511	ng	# 73
85) Di-n-octyl phthalate	22.392	149	401	4.231	ng	# 1

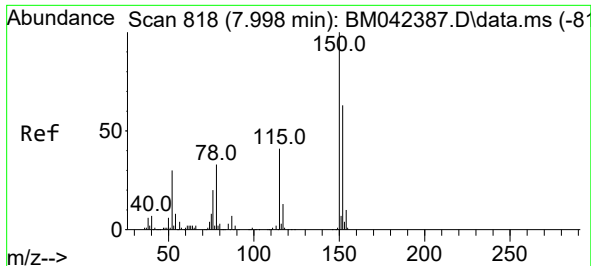
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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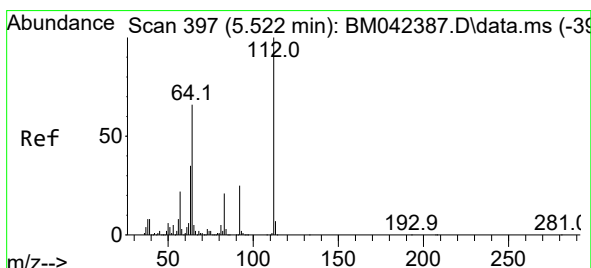
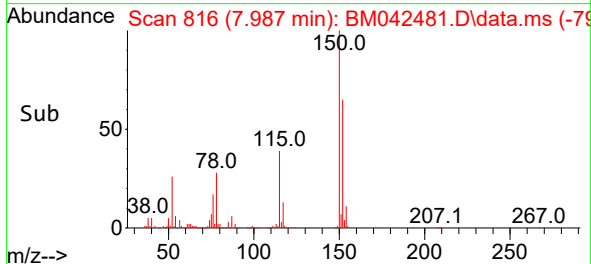
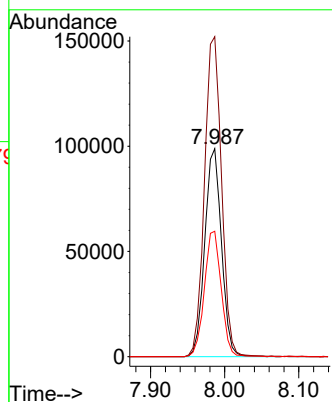
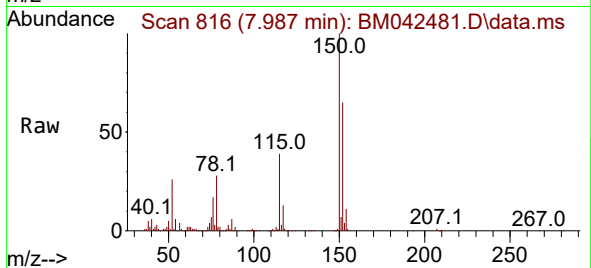




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.987 min Scan# 818
 Delta R.T. -0.000 min
 Lab File: BM042481.D
 Acq: 27 Oct 2023 20:24

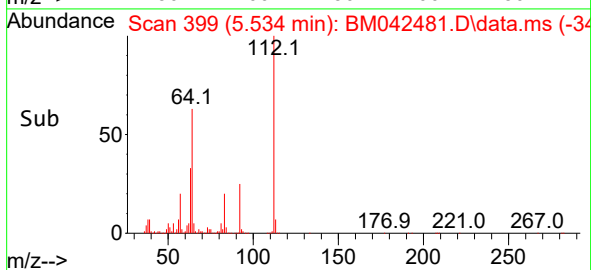
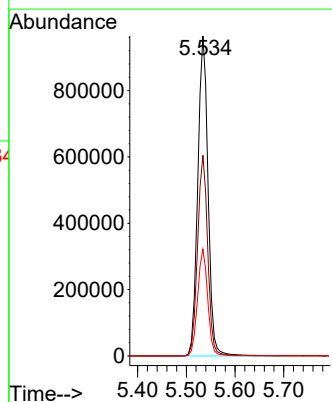
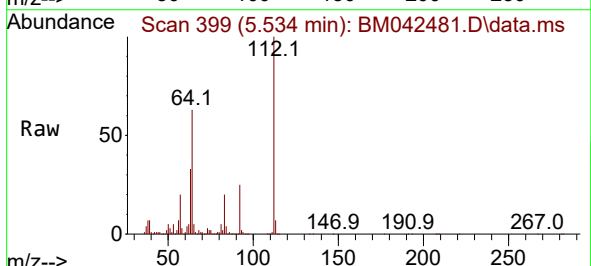
Instrument :
 BNA_M
 ClientSampleId :
 PB156500BL

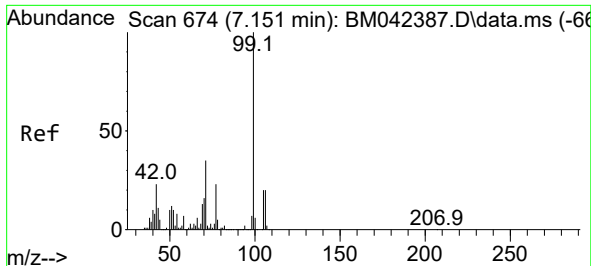
Tgt Ion:152 Resp: 155060
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.2 189.4
 115 60.3 51.9 77.9



#5
 2-Fluorophenol
 Concen: 129.800 ng
 RT: 5.534 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: BM042481.D
 Acq: 27 Oct 2023 20:24

Tgt Ion:112 Resp: 1424087
 Ion Ratio Lower Upper
 112 100
 64 62.7 52.7 79.1
 63 33.3 28.3 42.5

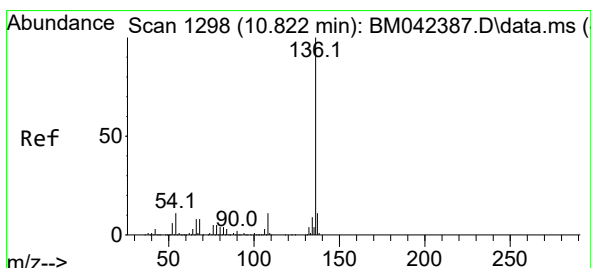
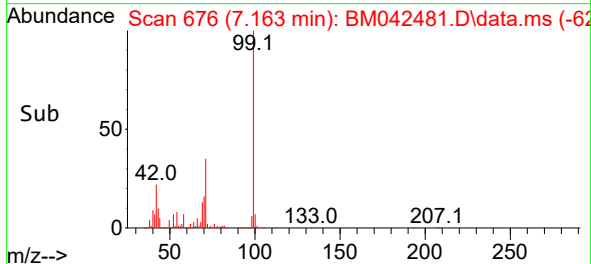
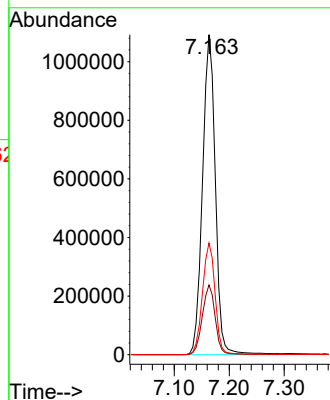
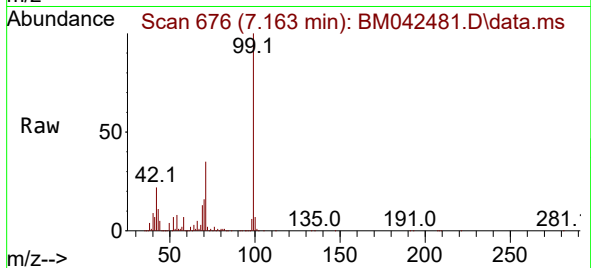




#7
Phenol-d6
Concen: 120.668 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

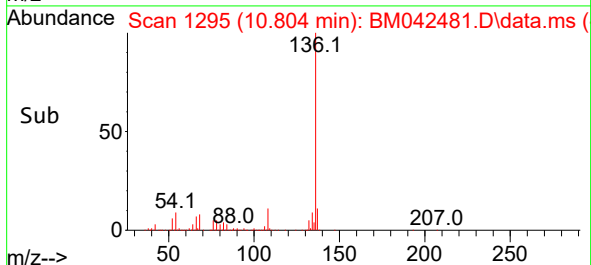
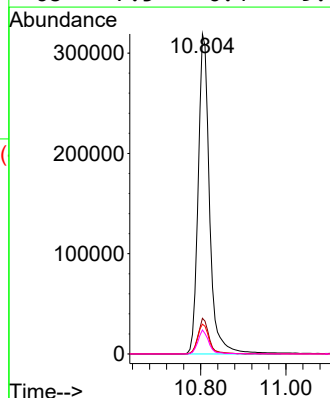
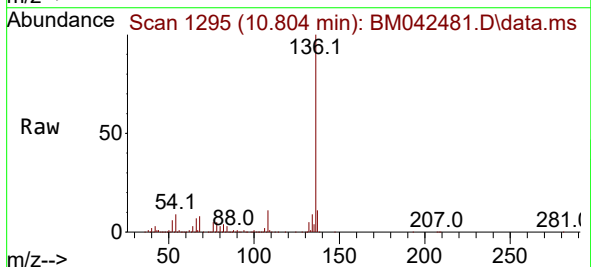
Instrument :
BNA_M
ClientSampleId :
PB156500BL

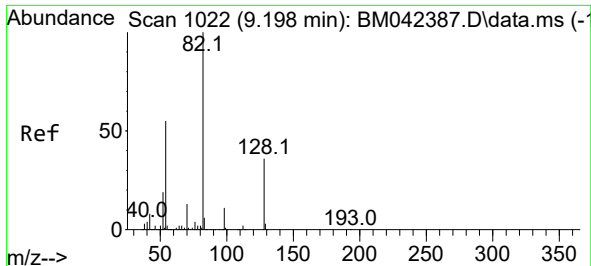
Tgt Ion: 99 Resp: 1774185
Ion Ratio Lower Upper
99 100
42 21.8 18.5 27.7
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion: 136 Resp: 590475
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 9.3 8.6 12.8
68 7.5 6.4 9.6

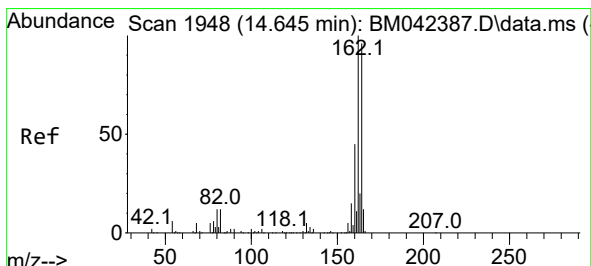
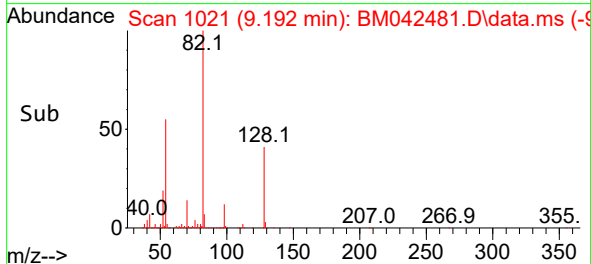
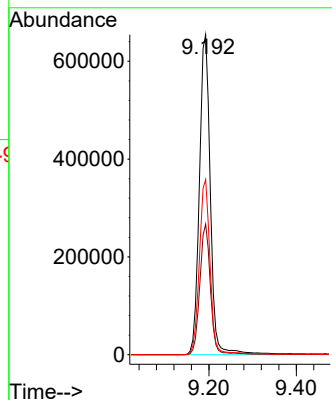
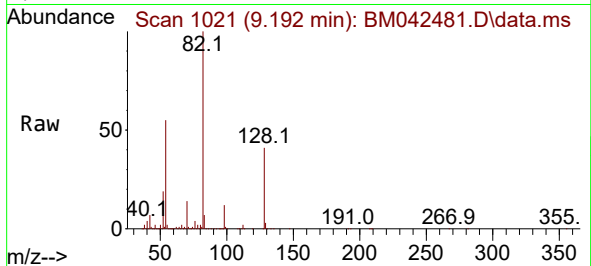




#23
Nitrobenzene-d5
Concen: 85.663 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

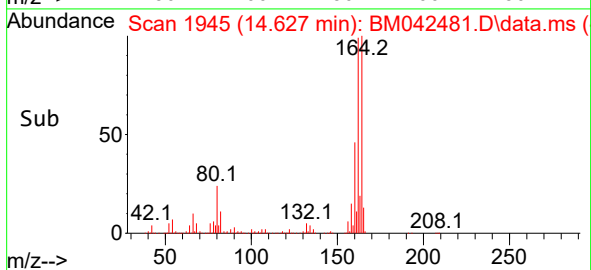
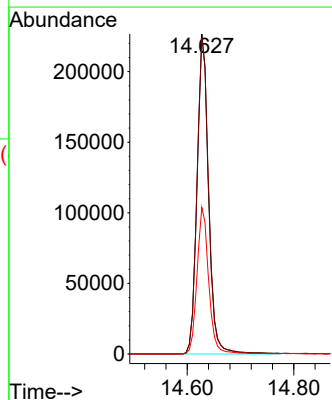
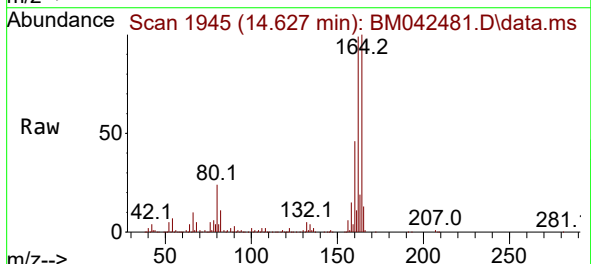
Instrument :
BNA_M
ClientSampleId :
PB156500BL

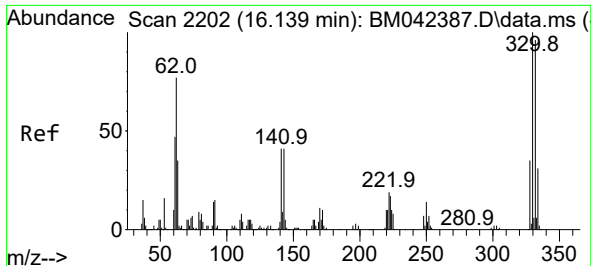
Tgt Ion: 82 Resp: 1143873
Ion Ratio Lower Upper
82 100
128 40.8 29.0 43.6
54 54.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion:164 Resp: 338846
Ion Ratio Lower Upper
164 100
162 99.0 83.0 124.4
160 45.9 37.0 55.4

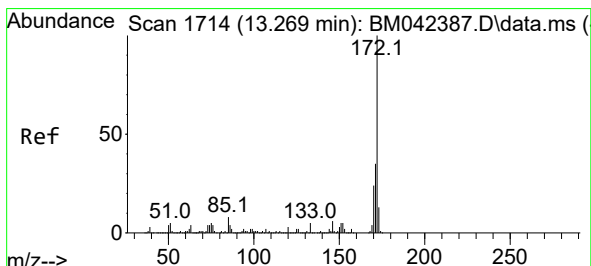
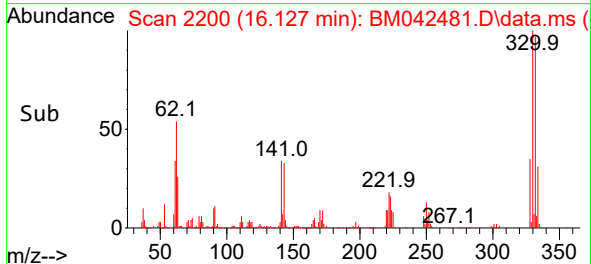
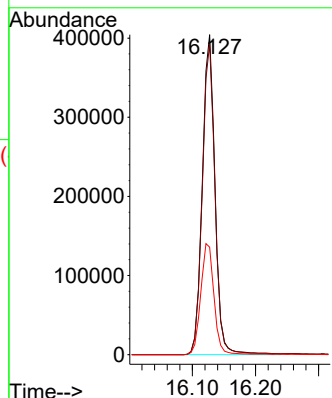
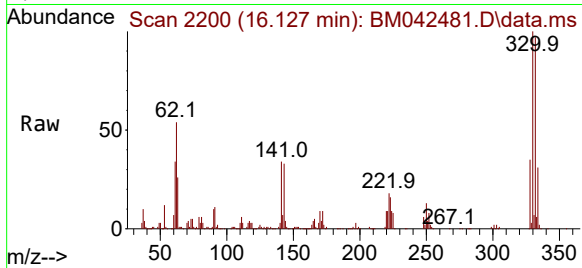




#42
2,4,6-Tribromophenol
Concen: 149.373 ng
RT: 16.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

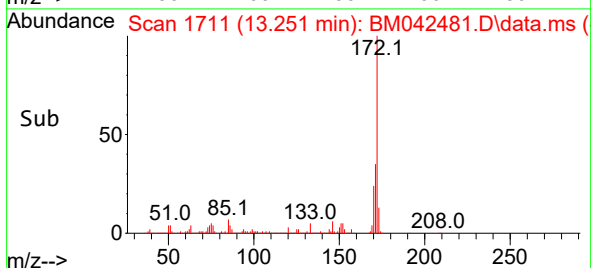
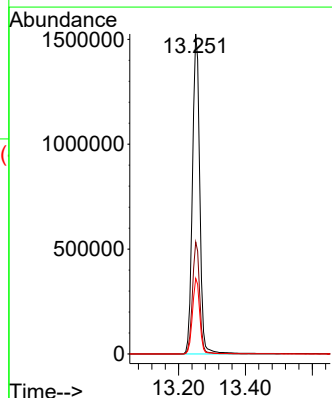
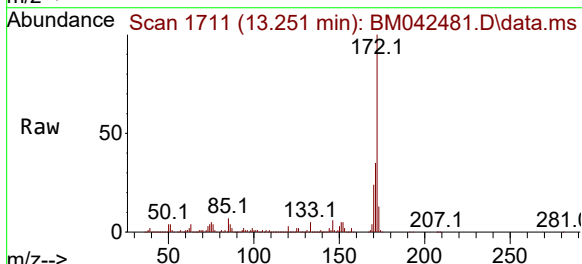
Instrument :
BNA_M
ClientSampleId :
PB156500BL

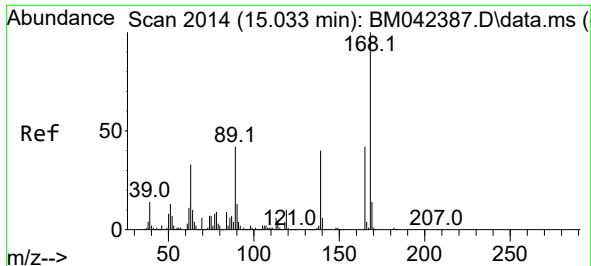
Tgt Ion:330 Resp: 564519
Ion Ratio Lower Upper
330 100
332 97.2 77.6 116.4
141 36.4 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 92.783 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042481.D
Acq: 27 Oct 2023 20:24

Tgt Ion:172 Resp: 2334686
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 4.072 ng

RT: 14.957 min Scan# 20

Delta R.T. -0.071 min

Lab File: BM042481.D

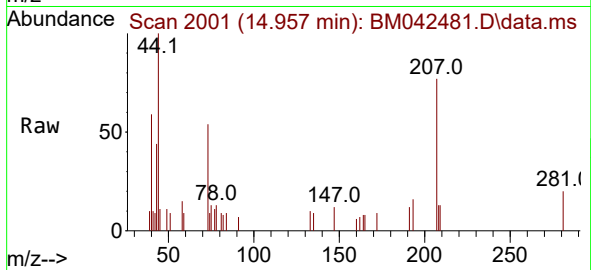
Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL



Tgt Ion:165 Resp: 68

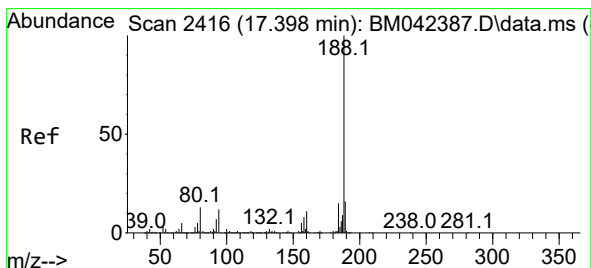
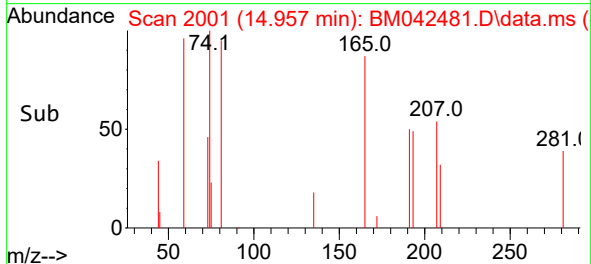
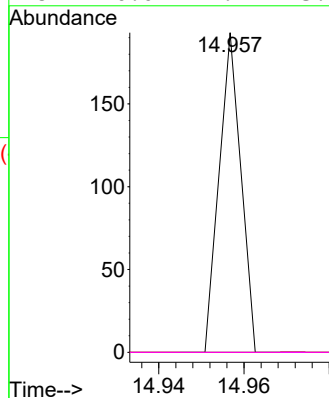
Ion Ratio Lower Upper

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: 17.380 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

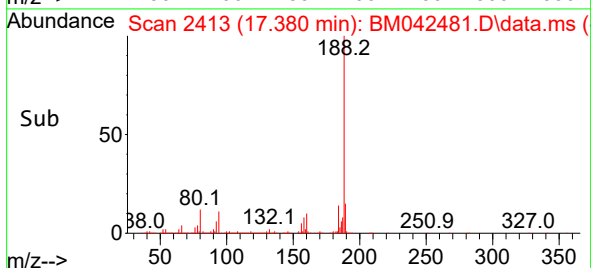
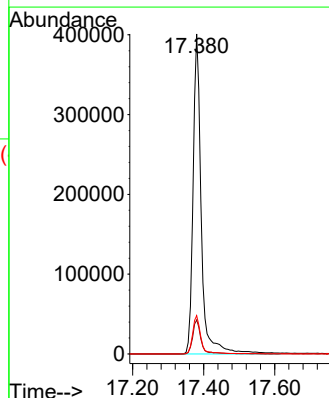
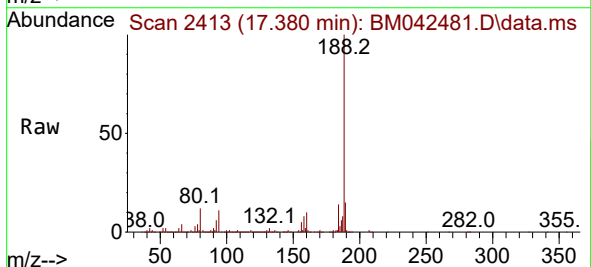
Tgt Ion:188 Resp: 645611

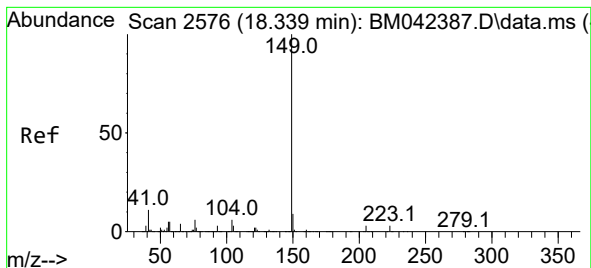
Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.0

80 12.0 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.845 ng

RT: 18.333 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL

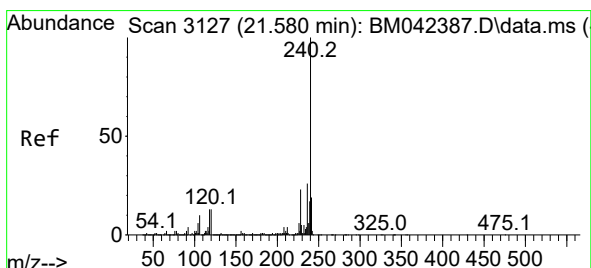
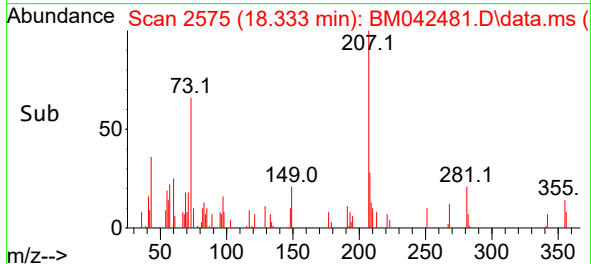
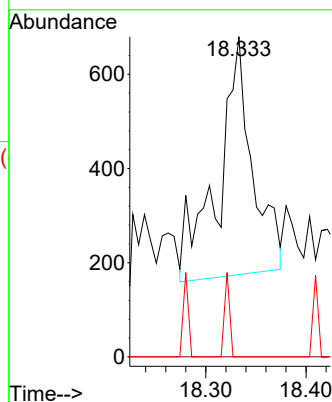
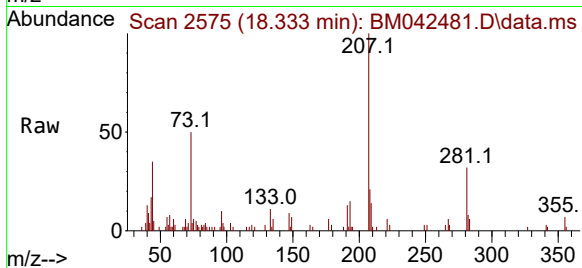
Tgt Ion:149 Resp: 1196

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

104 0.0 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.562 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

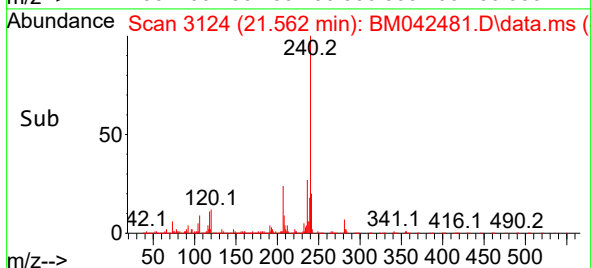
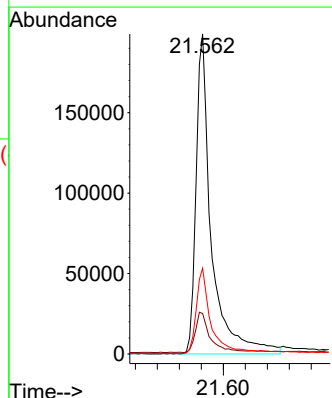
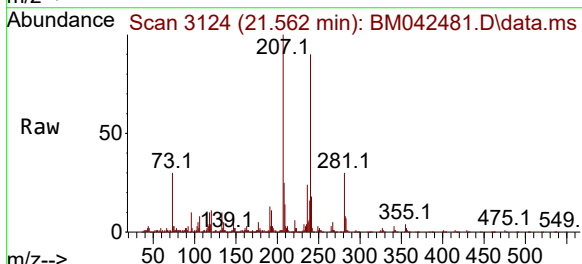
Tgt Ion:240 Resp: 384087

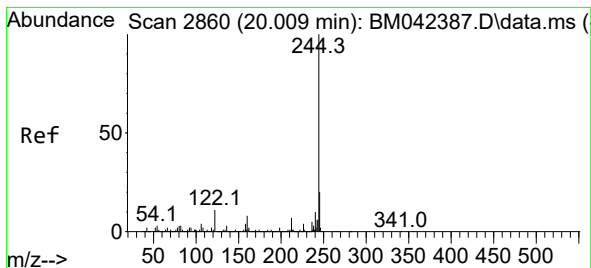
Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

236 26.8 20.7 31.1





#79

Terphenyl-d14

Concen: 127.489 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

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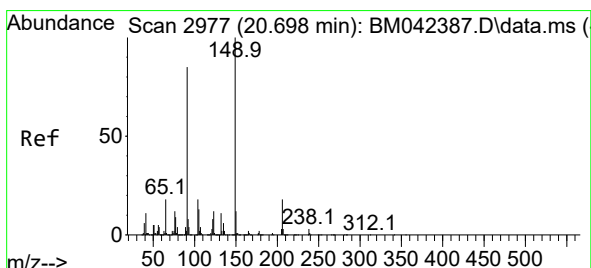
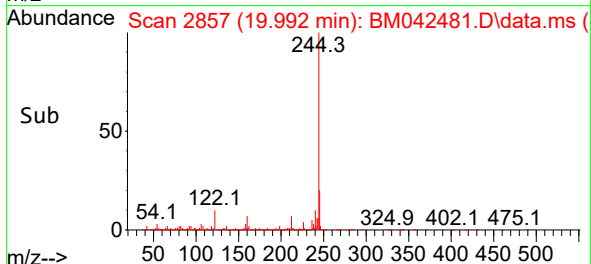
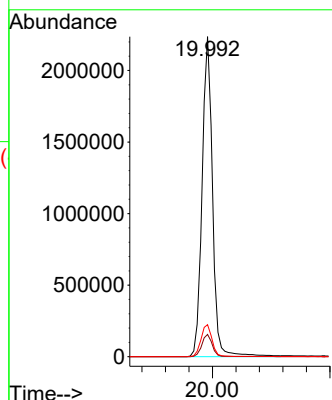
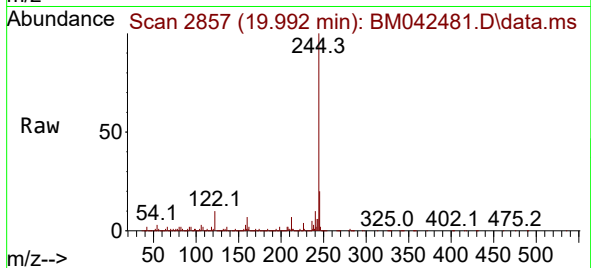
Tgt Ion:244 Resp: 2761041

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.0 8.8 13.2



#80

Butylbenzylphthalate

Concen: 3.281 ng

RT: 20.674 min Scan# 2973

Delta R.T. -0.012 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

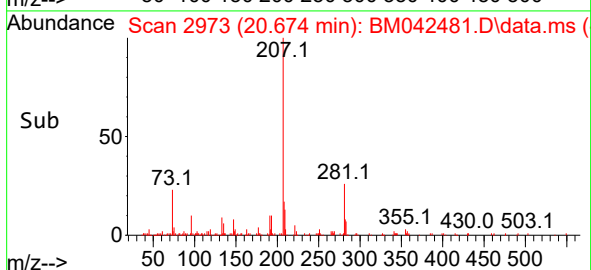
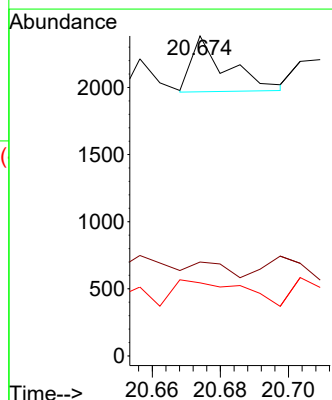
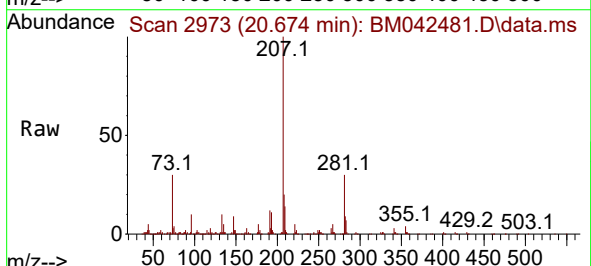
Tgt Ion:149 Resp: 301

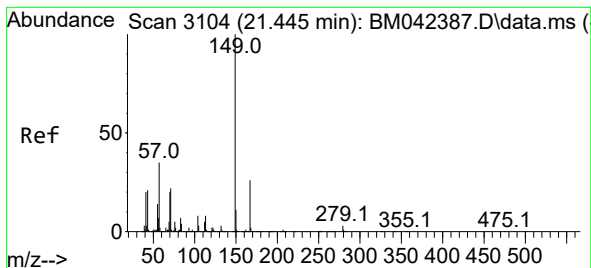
Ion Ratio Lower Upper

149 100

91 29.3 68.3 102.5#

206 22.9 14.6 22.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.511 ng

RT: 21.427 min Scan# 3104

Delta R.T. -0.000 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL

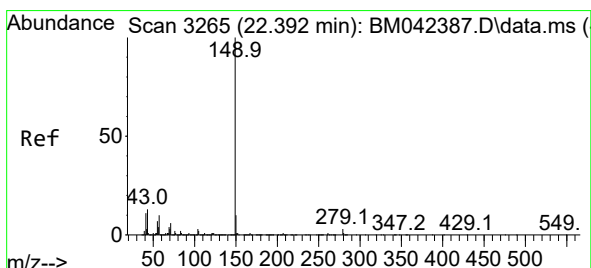
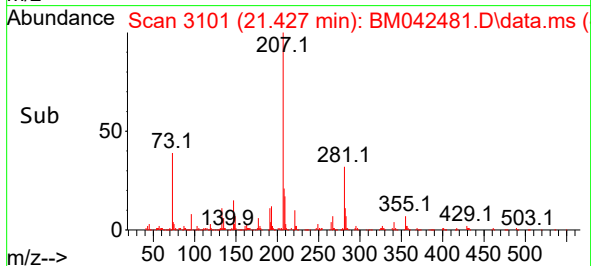
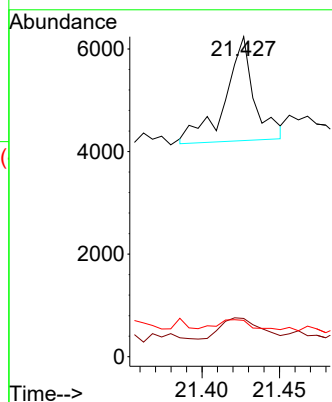
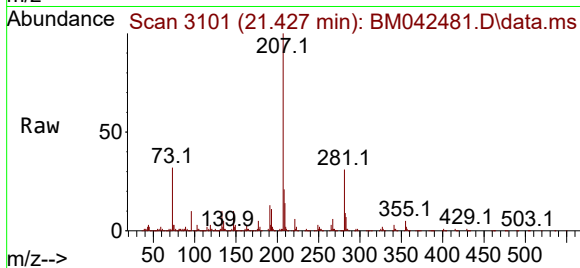
Tgt Ion:149 Resp: 2657

Ion Ratio Lower Upper

149 100

167 12.0 20.9 31.3#

279 11.4 2.7 4.1#



#85

Di-n-octyl phthalate

Concen: 4.231 ng

RT: 22.392 min Scan# 3265

Delta R.T. 0.023 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

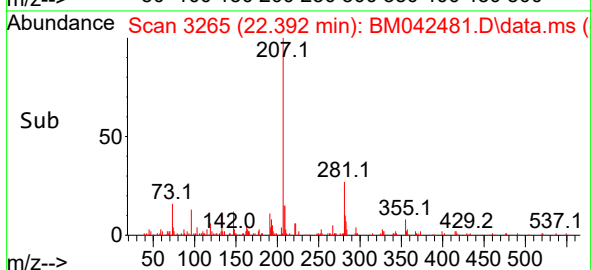
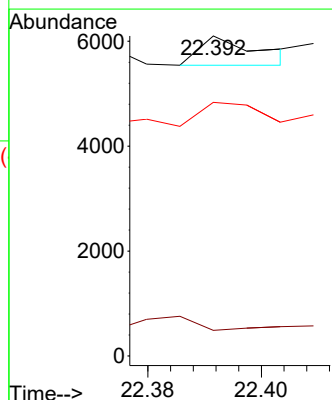
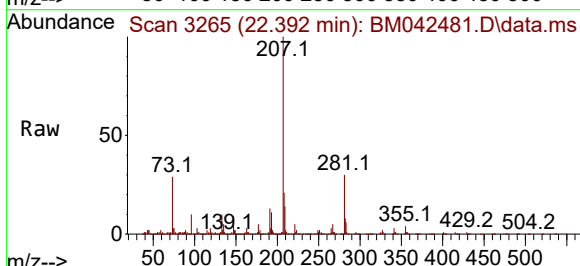
Tgt Ion:149 Resp: 401

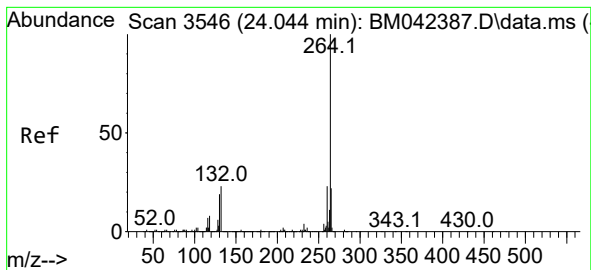
Ion Ratio Lower Upper

149 100

167 51.1 1.2 1.8#

43 151.6 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.015 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM042481.D

Acq: 27 Oct 2023 20:24

Instrument :

BNA_M

ClientSampleId :

PB156500BL

Tgt Ion:264 Resp: 352346

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 26.8 17.8 26.8#

