

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
 Data File : BM042454.D
 Acq On : 26 Oct 2023 15:59
 Operator : MA/JU
 Sample : PB156601BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156601BL

Quant Time: Oct 26 16:28:25 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)

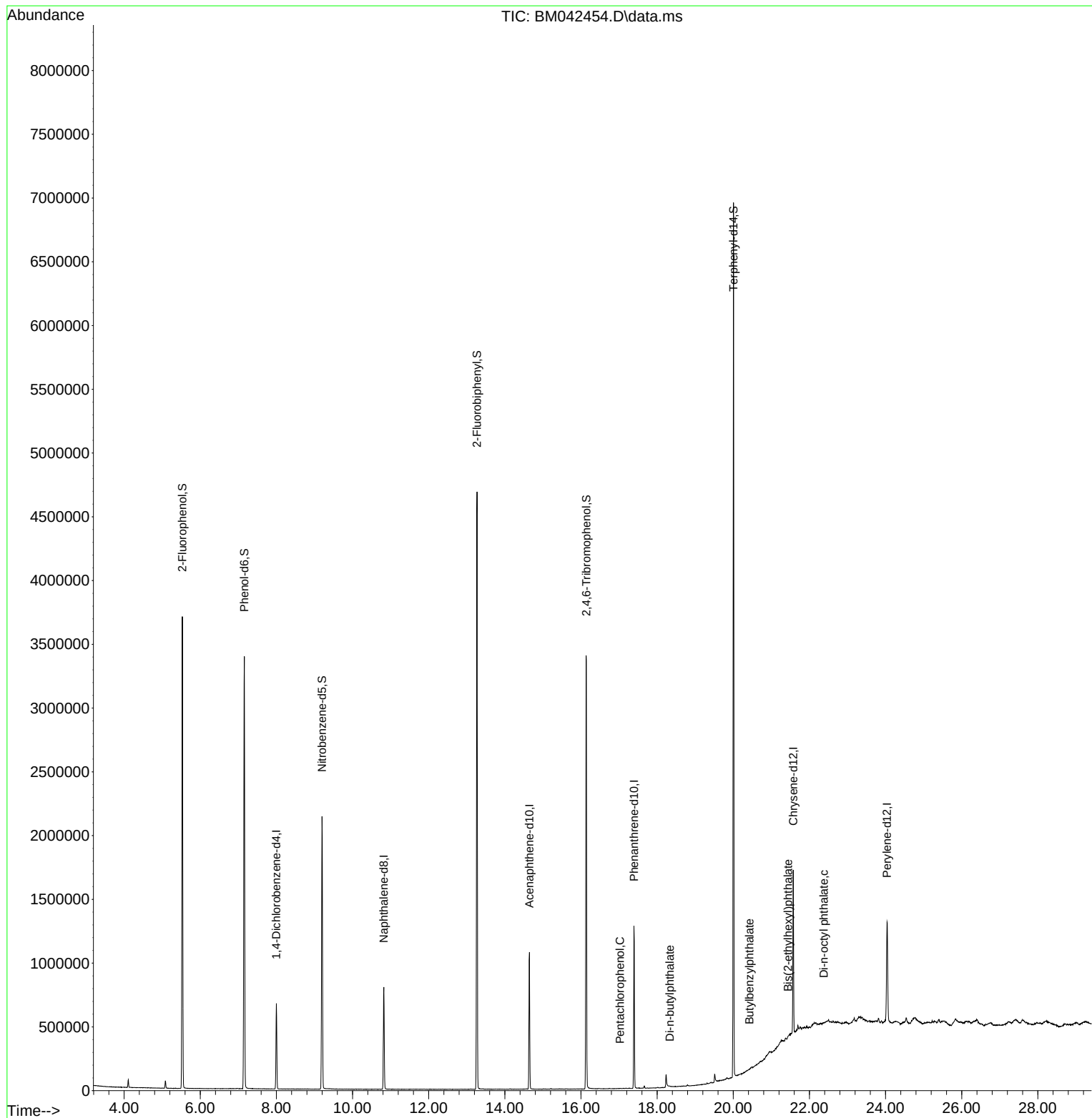
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	162938	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	623092	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	349523	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	717662	20.000	ng	0.00
76) Chrysene-d12	21.574	240	572139	20.000	ng	0.00
86) Perylene-d12	24.038	264	607653	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1442187	125.095	ng	0.00
7) Phenol-d6	7.157	99	1842949	119.285	ng	0.00
23) Nitrobenzene-d5	9.198	82	1199088	85.097	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	612324	156.597	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	2344700	90.334	ng	0.00
79) Terphenyl-d14	20.003	244	3255824	100.923	ng	0.00
Target Compounds						
						Qvalue
70) Pentachlorophenol	17.021	266	61	5.996	ng	# 1
74) Di-n-butylphthalate	18.333	149	2903	2.877	ng	# 91
80) Butylbenzylphthalate	20.421	149	436	3.281	ng	# 95
84) Bis(2-ethylhexyl)phtha...	21.439	149	3803	3.506	ng	# 83
85) Di-n-octyl phthalate	22.374	149	1998	4.260	ng	# 66

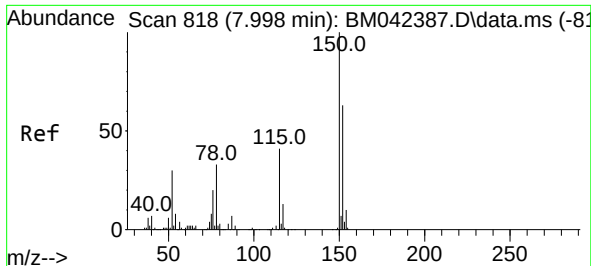
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102623\
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Quant Time: Oct 26 16:28:25 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

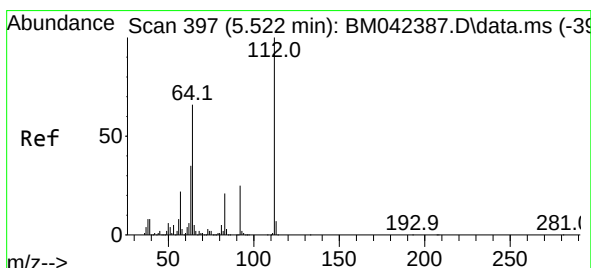
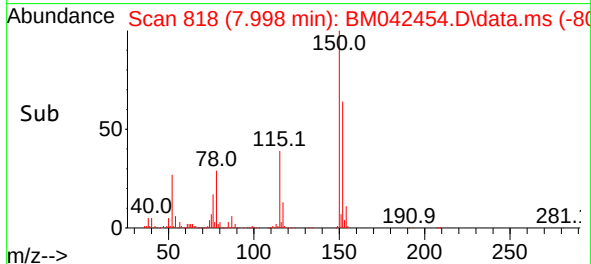
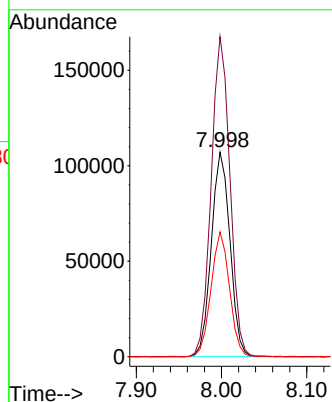
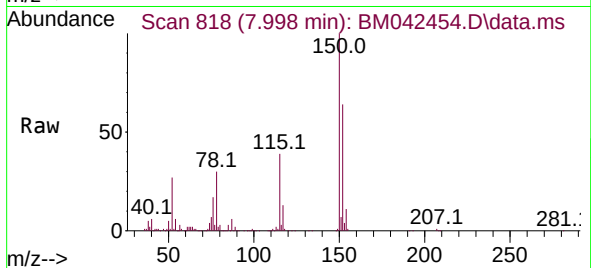




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

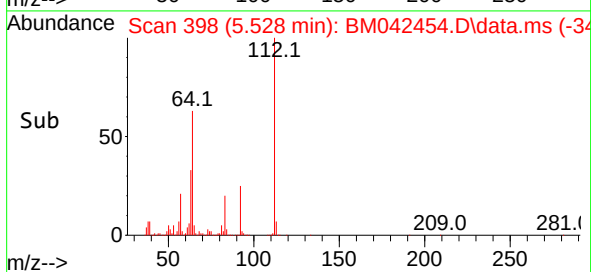
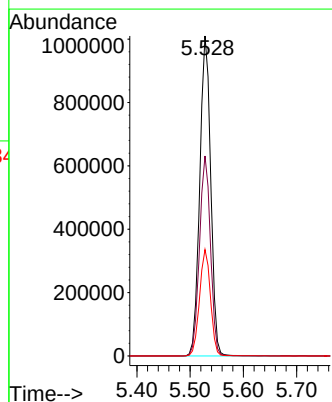
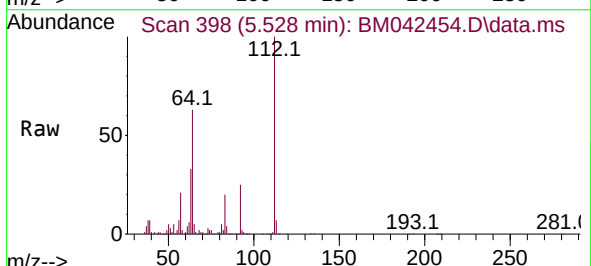
Instrument :
BNA_M
ClientSampleId :
PB156601BL

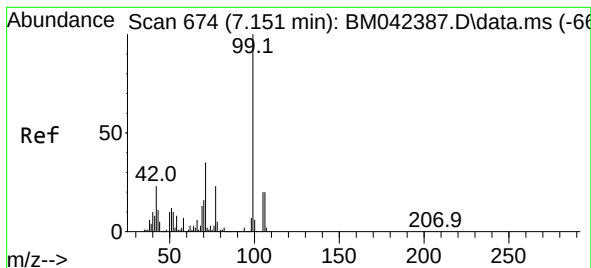
Tgt Ion:152 Resp: 162938
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 61.0 51.9 77.9



#5
2-Fluorophenol
Concen: 125.095 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

Tgt Ion:112 Resp: 1442187
Ion Ratio Lower Upper
112 100
64 62.5 52.7 79.1
63 33.3 28.3 42.5





#7

Phenol-d6

Concen: 119.285 ng

RT: 7.157 min Scan# 61

Delta R.T. 0.006 min

Lab File: BM042454.D

Acq: 26 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

PB156601BL

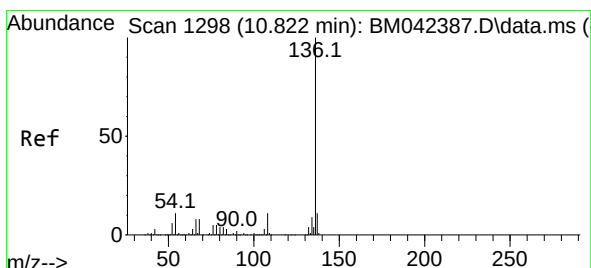
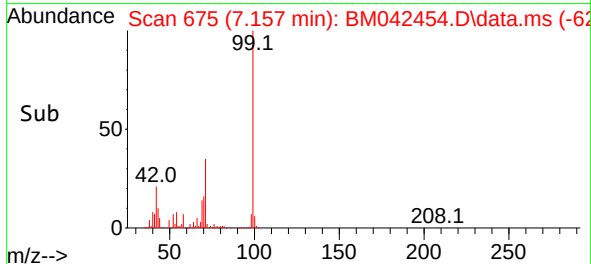
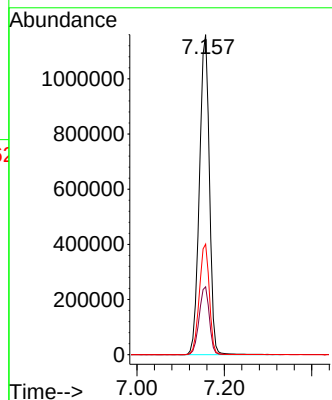
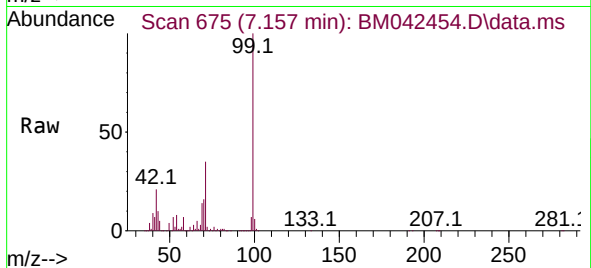
Tgt Ion: 99 Resp: 1842949

Ion Ratio Lower Upper

99 100

42 21.2 18.5 27.7

71 34.6 27.7 41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.822 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BM042454.D

Acq: 26 Oct 2023 15:59

Tgt Ion:136 Resp: 623092

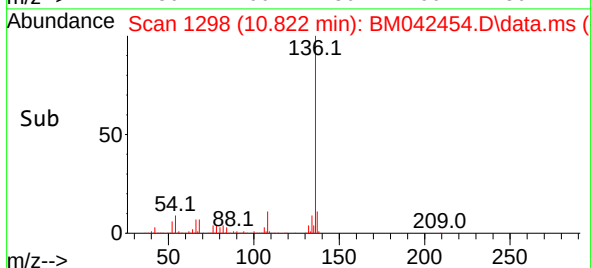
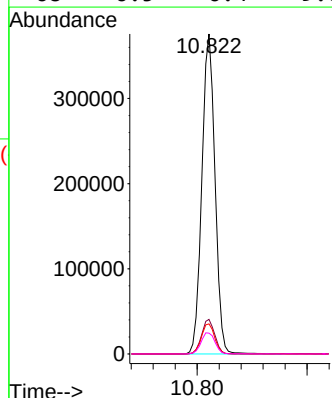
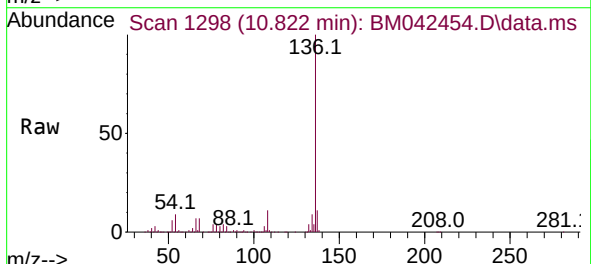
Ion Ratio Lower Upper

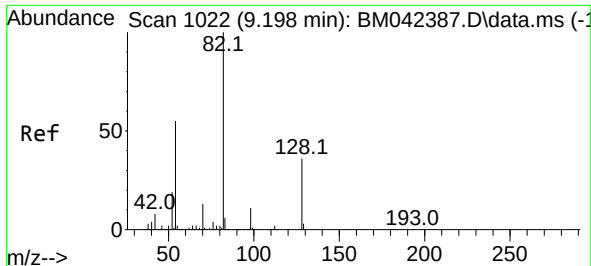
136 100

137 10.8 8.5 12.7

54 9.4 8.6 12.8

68 6.5 6.4 9.6

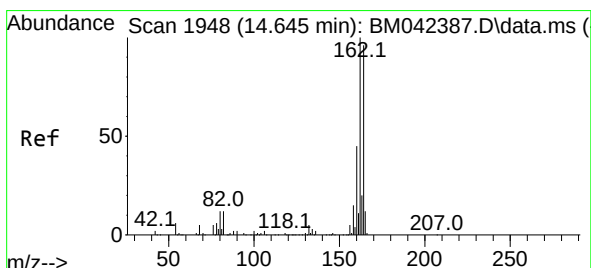
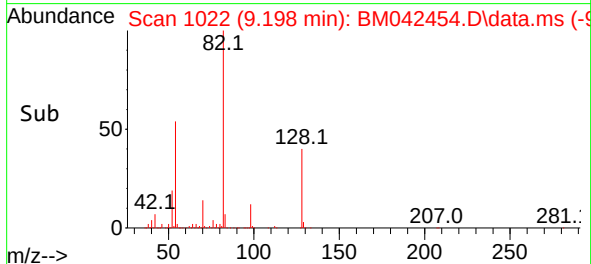
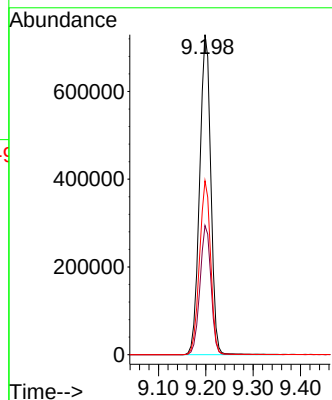
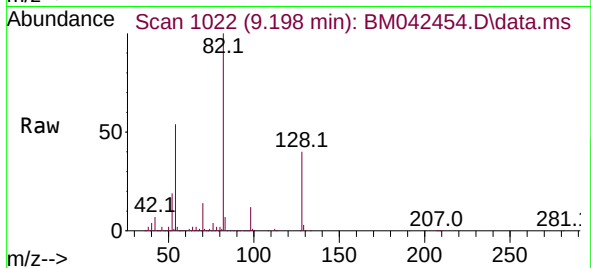




#23
Nitrobenzene-d5
Concen: 85.097 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

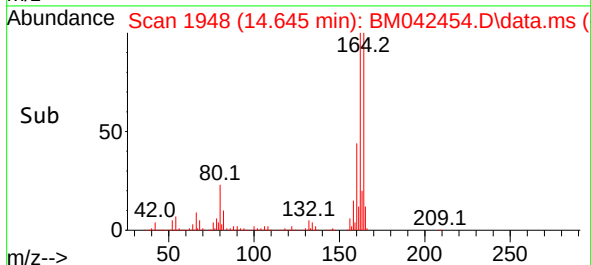
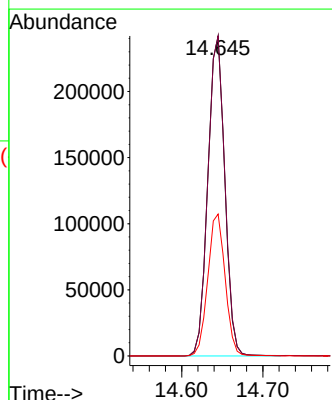
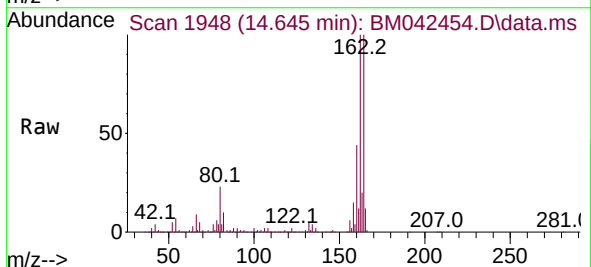
Instrument :
BNA_M
ClientSampleId :
PB156601BL

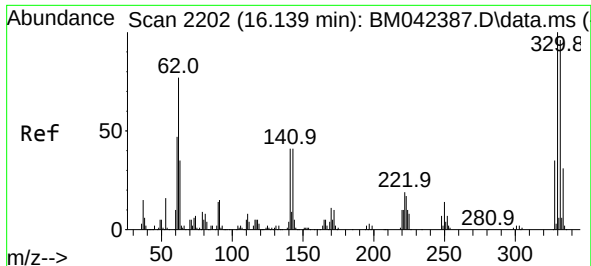
Tgt Ion: 82 Resp: 1199088
Ion Ratio Lower Upper
82 100
128 40.3 29.0 43.6
54 54.3 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

Tgt Ion: 164 Resp: 349523
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 44.4 37.0 55.4

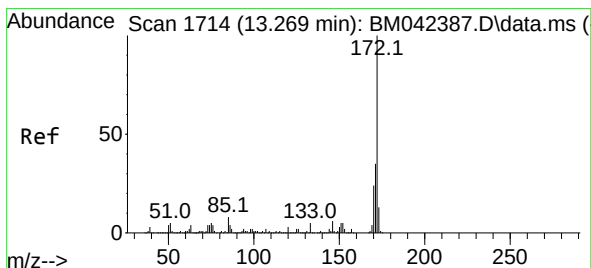
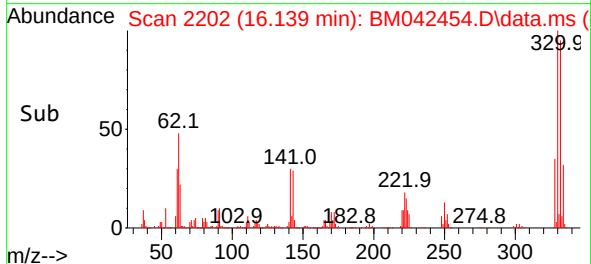
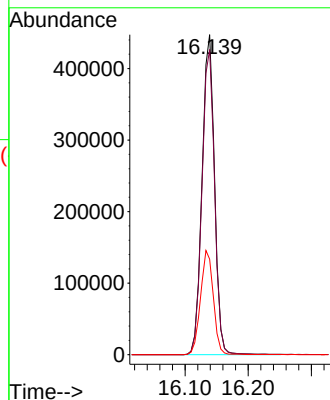
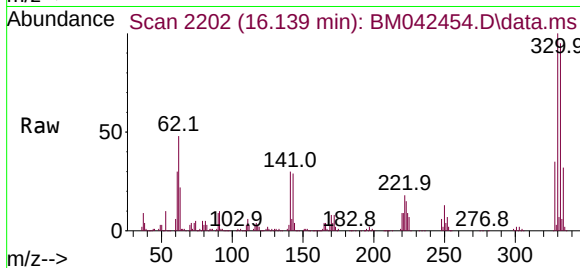




#42
2,4,6-Tribromophenol
Concen: 156.597 ng
RT: 16.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

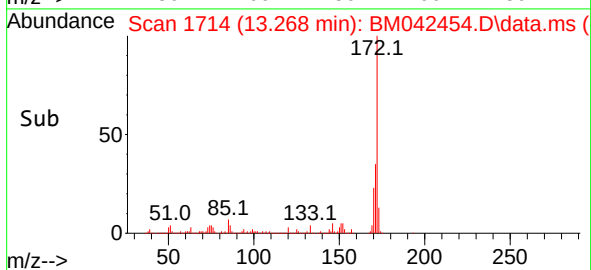
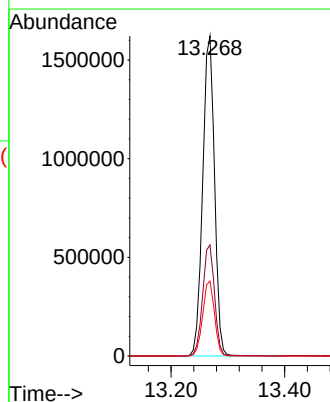
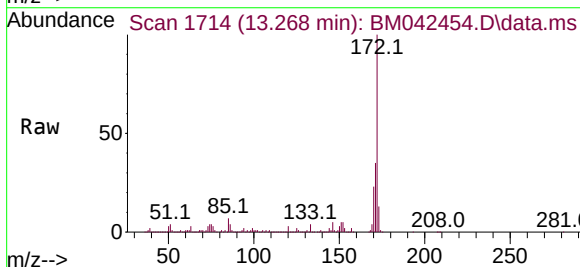
Instrument :
BNA_M
ClientSampleId :
PB156601BL

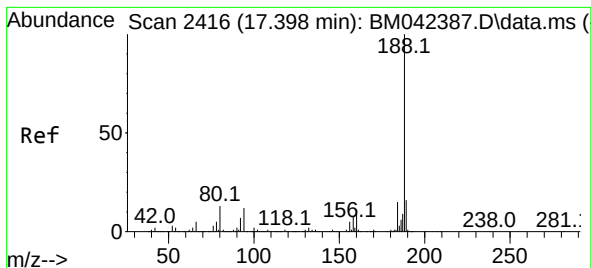
Tgt Ion:330 Resp: 612324
Ion Ratio Lower Upper
330 100
332 96.3 77.6 116.4
141 33.4 38.0 57.0#



#45
2-Fluorobiphenyl
Concen: 90.334 ng
RT: 13.268 min Scan# 1714
Delta R.T. -0.001 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

Tgt Ion:172 Resp: 2344700
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 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: BM042454.D

Acq: 26 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

PB156601BL

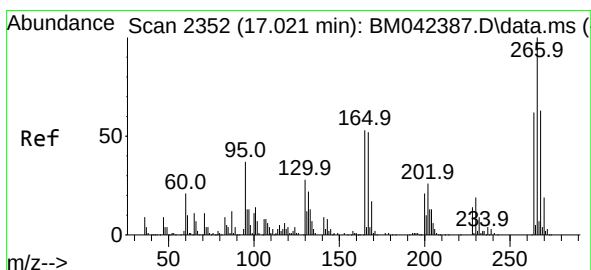
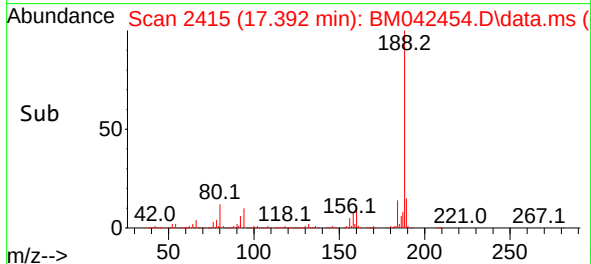
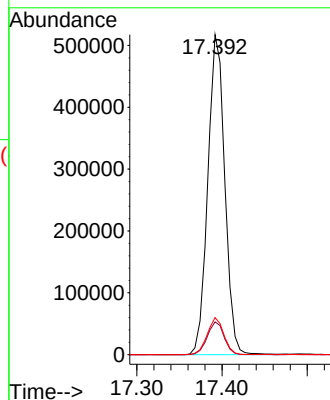
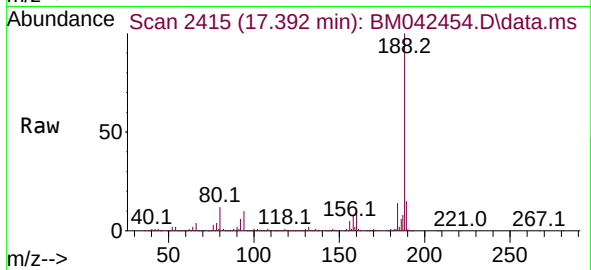
Tgt Ion:188 Resp: 717662

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.0

80 11.6 10.7 16.1



#70

Pentachlorophenol

Concen: 5.996 ng

RT: 17.021 min Scan# 2352

Delta R.T. 0.000 min

Lab File: BM042454.D

Acq: 26 Oct 2023 15:59

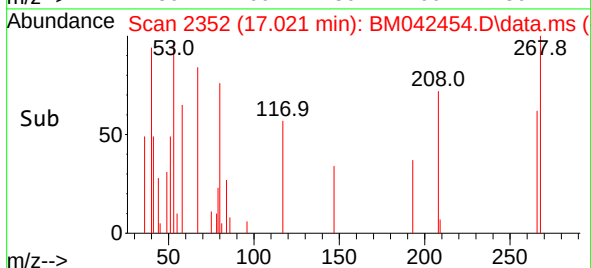
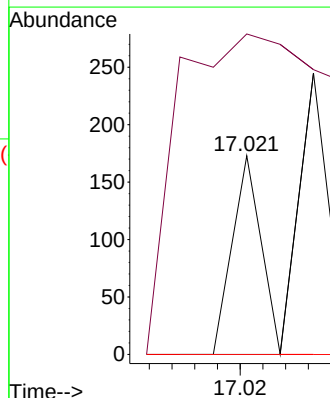
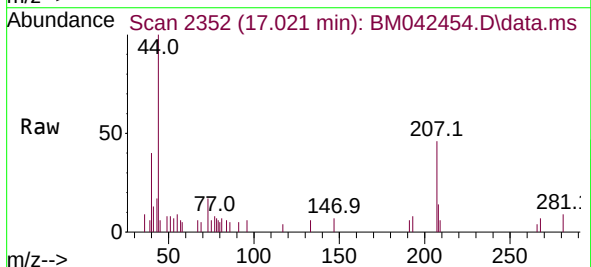
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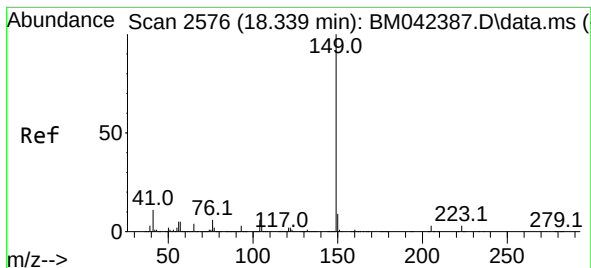
Ion Ratio Lower Upper

266 100

268 161.3 50.6 76.0#

264 0.0 49.4 74.0#





#74

Di-n-butylphthalate

Concen: 2.877 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042454.D

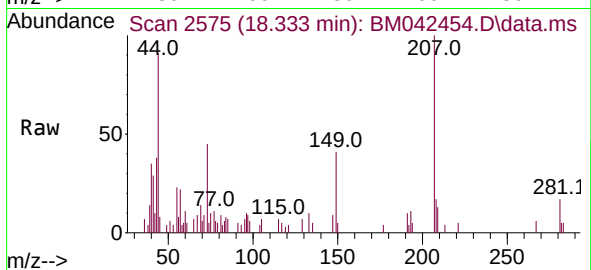
Acq: 26 Oct 2023 15:59

Instrument :

BNA_M

ClientSampleId :

PB156601BL



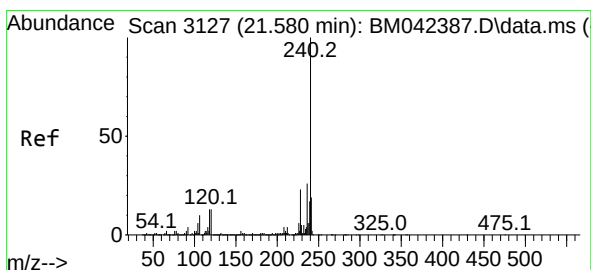
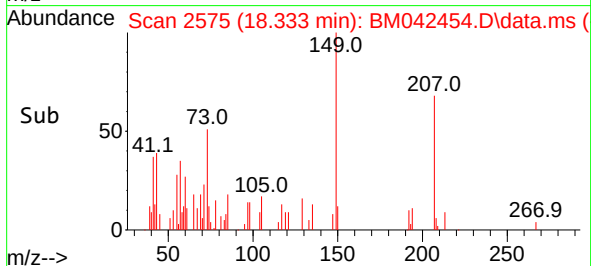
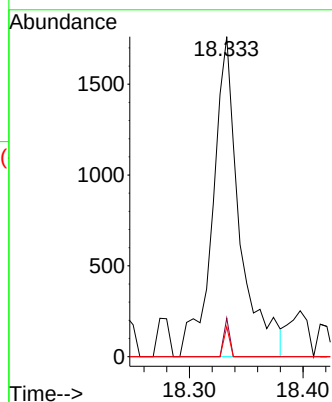
Tgt Ion:149 Resp: 2903

Ion Ratio Lower Upper

149 100

150 12.0 7.4 11.0#

104 9.4 4.6 7.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042454.D

Acq: 26 Oct 2023 15:59

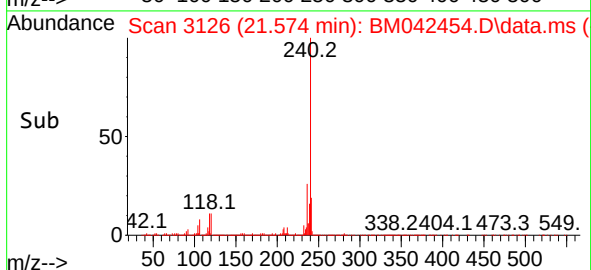
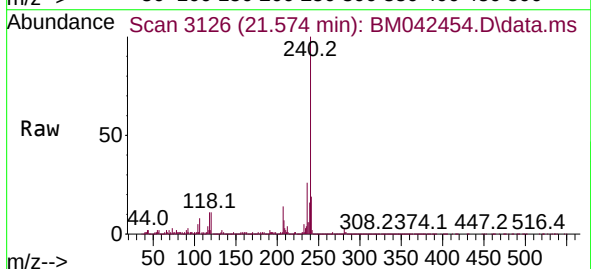
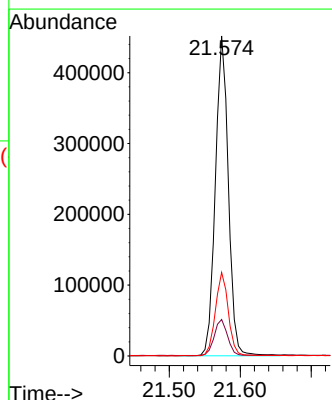
Tgt Ion:240 Resp: 572139

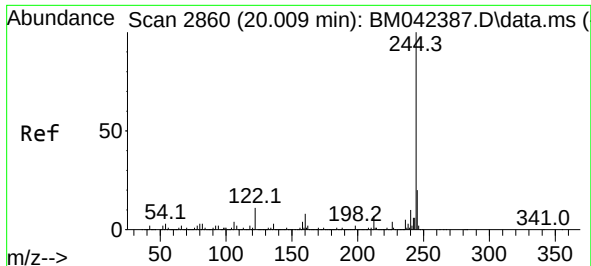
Ion Ratio Lower Upper

240 100

120 11.4 10.7 16.1

236 26.1 20.7 31.1

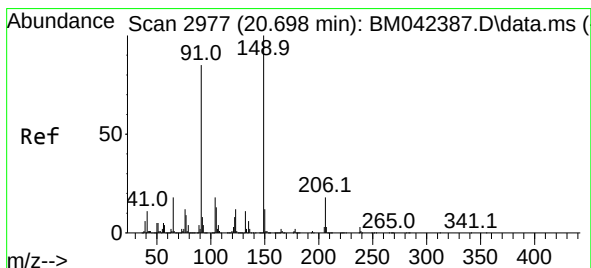
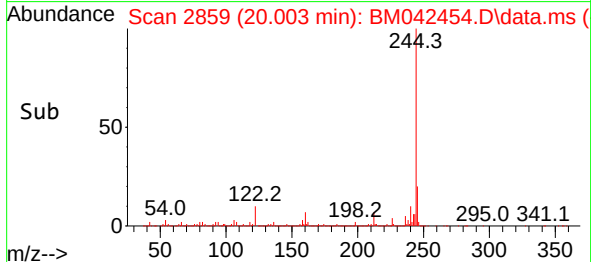
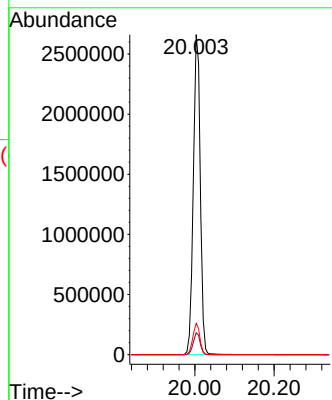
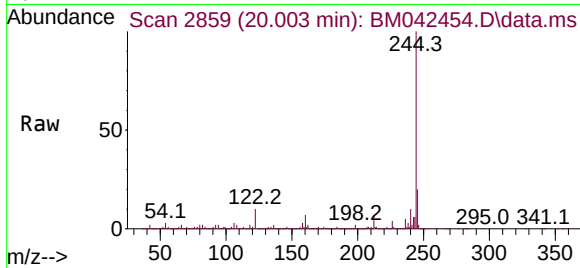




#79
 Terphenyl-d14
 Concen: 100.923 ng
 RT: 20.003 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM042454.D
 Acq: 26 Oct 2023 15:59

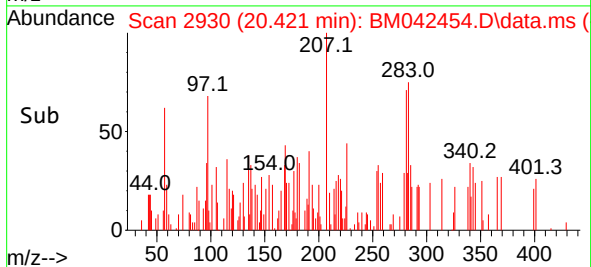
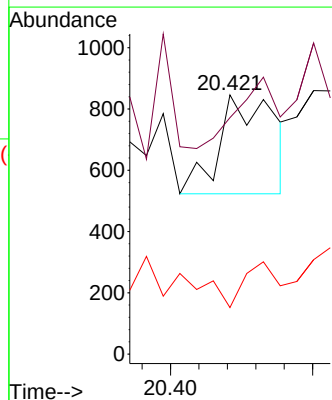
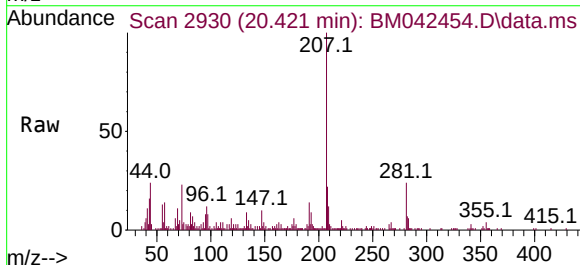
Instrument :
 BNA_M
 ClientSampleId :
 PB156601BL

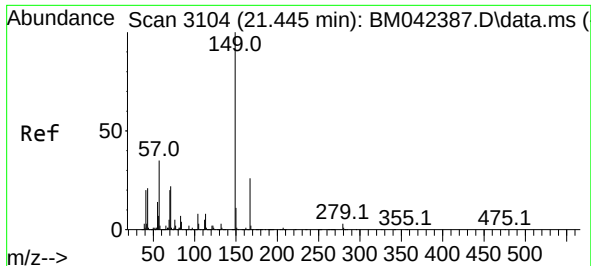
Tgt Ion:244 Resp: 3255824
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.281 ng
 RT: 20.421 min Scan# 2930
 Delta R.T. -0.277 min
 Lab File: BM042454.D
 Acq: 26 Oct 2023 15:59

Tgt Ion:149 Resp: 436
 Ion Ratio Lower Upper
 149 100
 91 91.3 68.3 102.5
 206 18.0 14.6 22.0

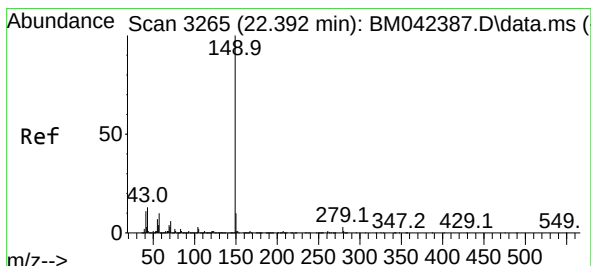
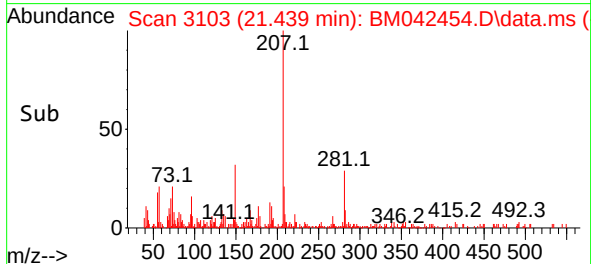
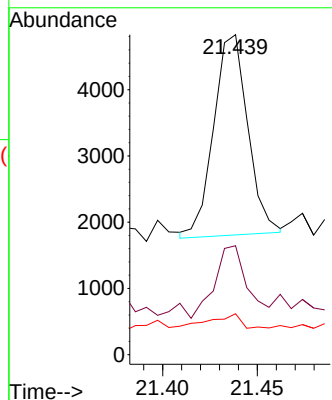
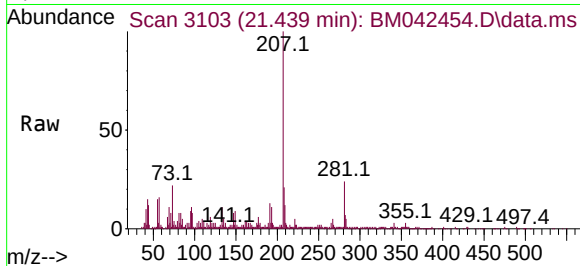




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.506 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

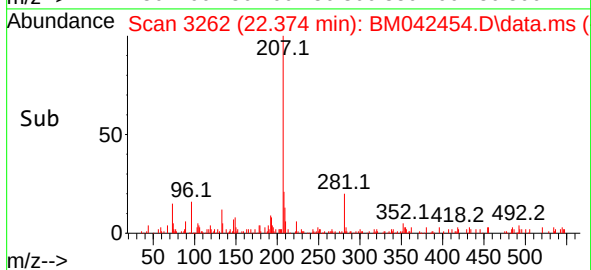
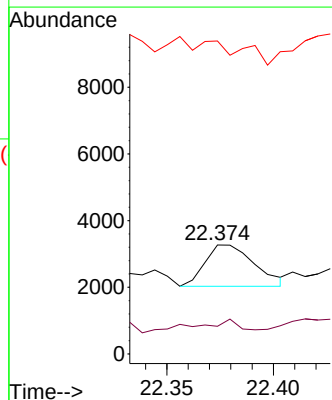
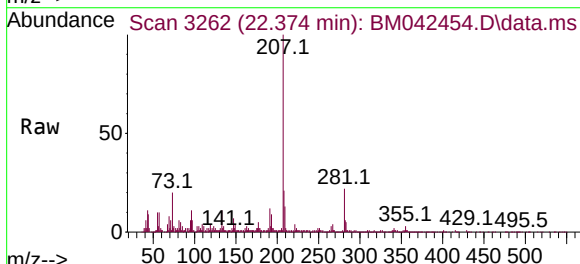
Instrument :
BNA_M
ClientSampleId :
PB156601BL

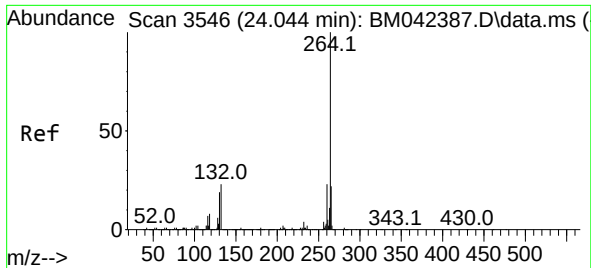
Tgt Ion:149 Resp: 3803
Ion Ratio Lower Upper
149 100
167 34.0 20.9 31.3#
279 12.8 2.7 4.1#



#85
Di-n-octyl phthalate
Concen: 4.260 ng
RT: 22.374 min Scan# 3262
Delta R.T. -0.018 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

Tgt Ion:149 Resp: 1998
Ion Ratio Lower Upper
149 100
167 15.6 1.2 1.8#
43 0.0 11.0 16.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.038 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042454.D
Acq: 26 Oct 2023 15:59

Instrument :
BNA_M
ClientSampleId :
PB156601BL

Tgt Ion:264 Resp: 607653

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	22.6	17.8	26.8

