

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
 Data File : BM042392.D
 Acq On : 21 Oct 2023 00:35
 Operator : MA/JU
 Sample : PB156255BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156255BL

Quant Time: Oct 21 03:01:59 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

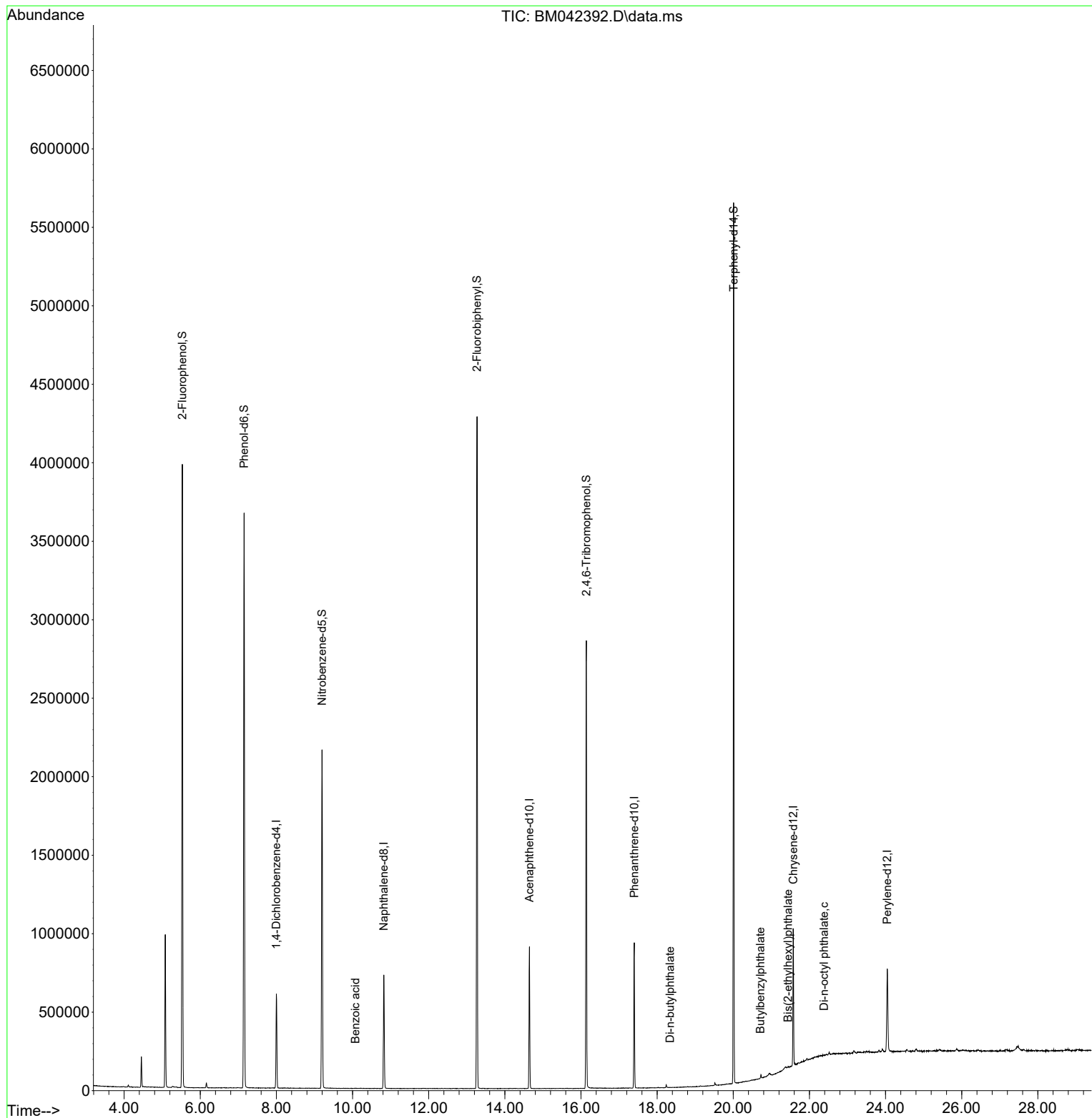
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	141848	20.000	ng	0.00
21) Naphthalene-d8	10.822	136	537981	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	264333	20.000	ng	0.00
64) Phenanthrene-d10	17.398	188	485701	20.000	ng	0.00
76) Chrysene-d12	21.574	240	342471	20.000	ng	0.00
86) Perylene-d12	24.044	264	346556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1489499	148.408	ng	0.00
7) Phenol-d6	7.151	99	1903747	141.540	ng	0.00
23) Nitrobenzene-d5	9.198	82	1188167	97.662	ng	0.00
42) 2,4,6-Tribromophenol	16.139	330	416140	141.660	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	1985204	101.134	ng	0.00
79) Terphenyl-d14	20.009	244	2298879	119.048	ng	0.00
Target Compounds						
32) Benzoic acid	10.075	122	185	5.350	ng	# 25
74) Di-n-butylphthalate	18.339	149	462	2.831	ng	# 78
80) Butylbenzylphthalate	20.709	149	345	3.288	ng	# 89
84) Bis(2-ethylhexyl)phtha...	21.439	149	1008	3.429	ng	# 83
85) Di-n-octyl phthalate	22.380	149	1338	4.265	ng	# 85

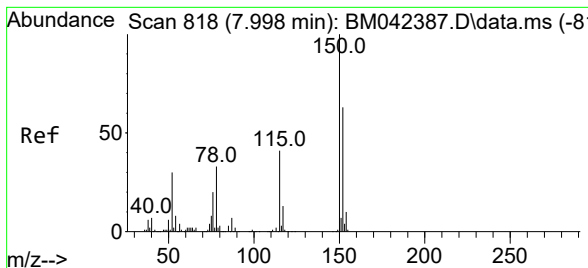
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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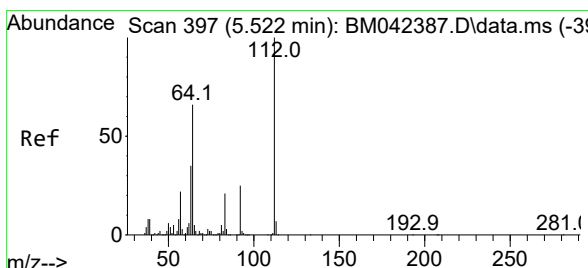
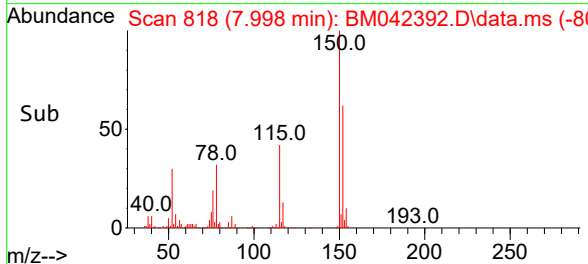
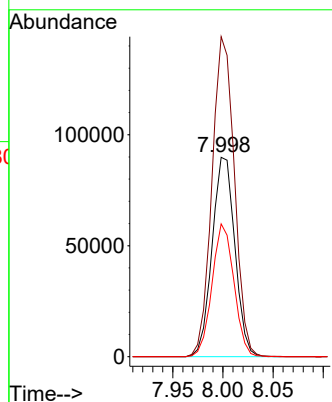
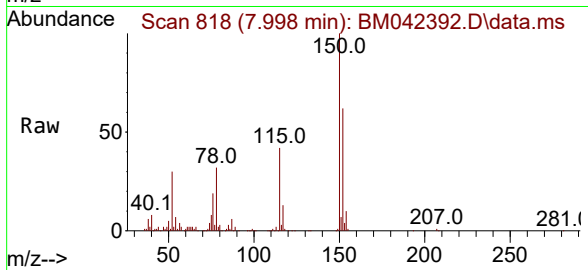




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.998 min Scan# 818
Delta R.T. 0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

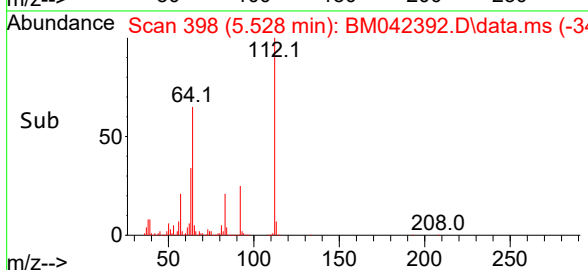
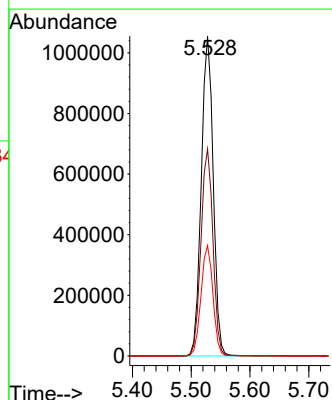
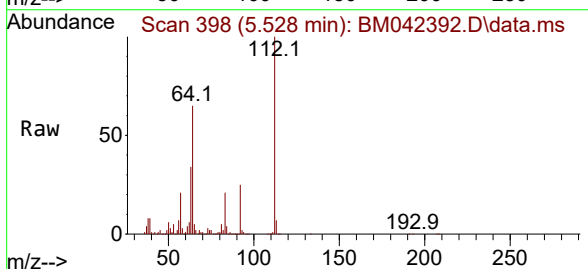
Instrument :
BNA_M
ClientSampleId :
PB156255BL

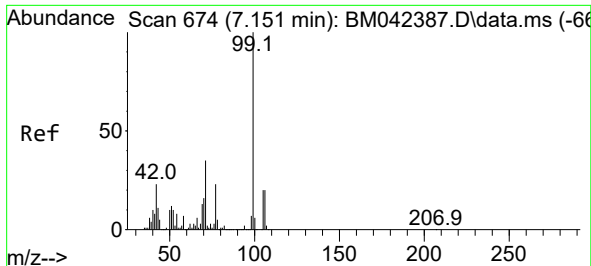
Tgt Ion:152 Resp: 141848
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.4
115 66.6 51.9 77.9



#5
2-Fluorophenol
Concen: 148.408 ng
RT: 5.528 min Scan# 398
Delta R.T. 0.006 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:112 Resp: 1489499
Ion Ratio Lower Upper
112 100
64 64.7 52.7 79.1
63 34.5 28.3 42.5

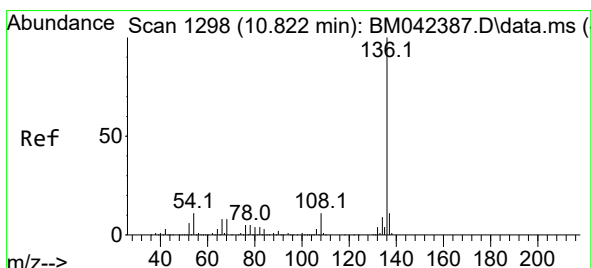
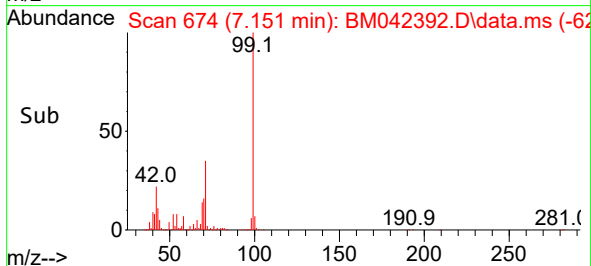
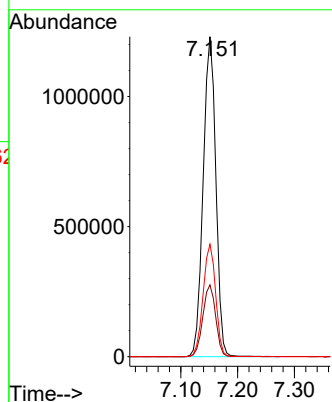
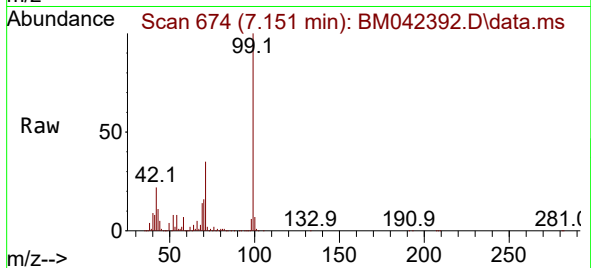




#7
Phenol-d6
Concen: 141.540 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

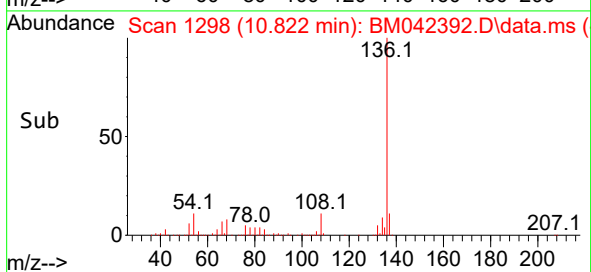
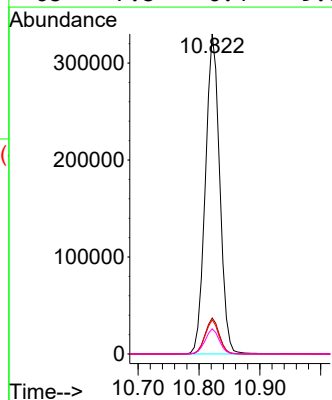
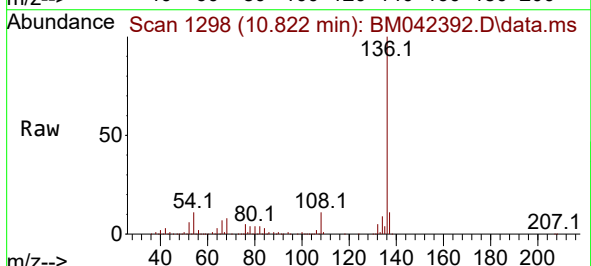
Instrument :
BNA_M
ClientSampleId :
PB156255BL

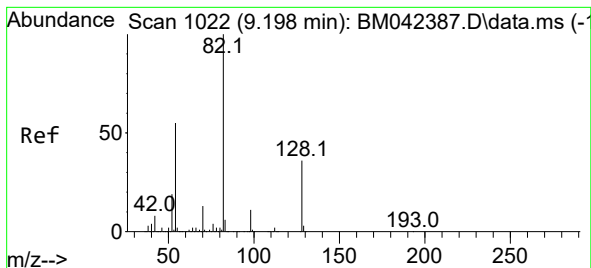
Tgt Ion: 99 Resp: 1903747
Ion Ratio Lower Upper
99 100
42 22.5 18.5 27.7
71 35.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.822 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:136 Resp: 537981
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.7 8.6 12.8
68 7.8 6.4 9.6





#23

Nitrobenzene-d5

Concen: 97.662 ng

RT: 9.198 min Scan# 1022

Delta R.T. -0.000 min

Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

Instrument :

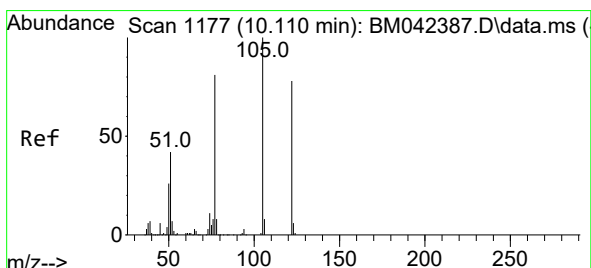
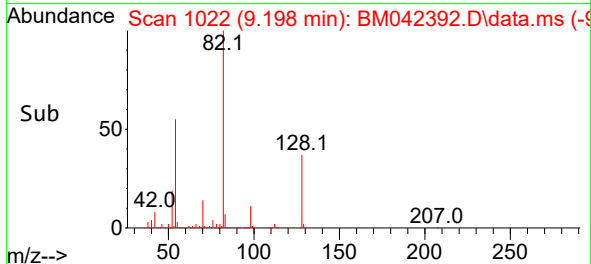
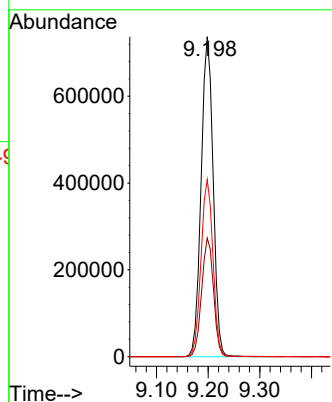
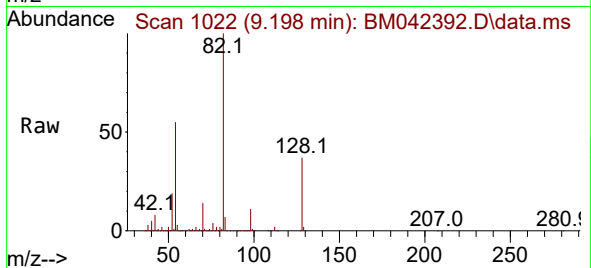
BNA_M

ClientSampleId :

PB156255BL

Tgt Ion: 82 Resp: 1188167

Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.0	43.6
54	55.4	43.7	65.5



#32

Benzoic acid

Concen: 5.350 ng

RT: 10.075 min Scan# 1171

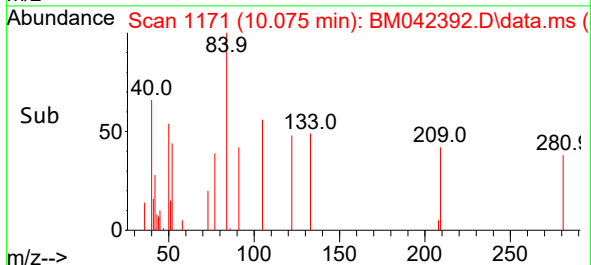
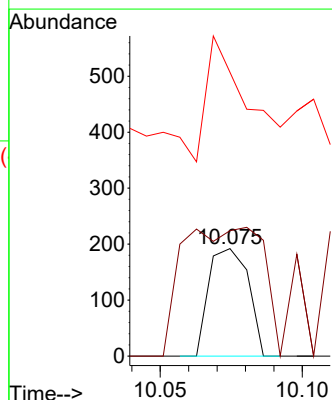
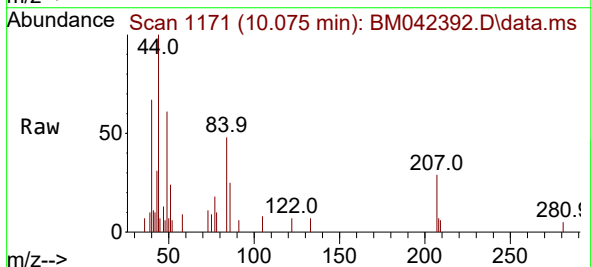
Delta R.T. -0.035 min

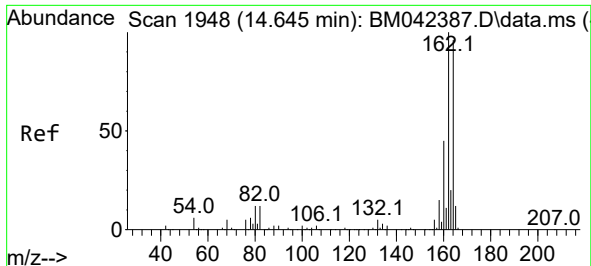
Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

Tgt Ion: 122 Resp: 185

Ion	Ratio	Lower	Upper
122	100		
105	116.7	104.9	144.9
77	264.1	83.4	123.4

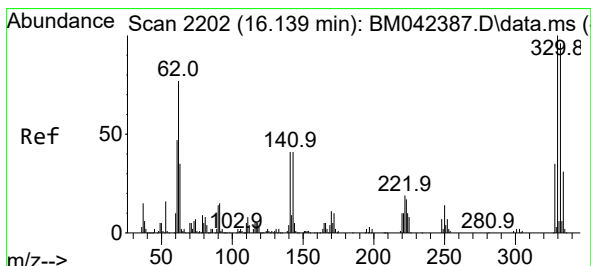
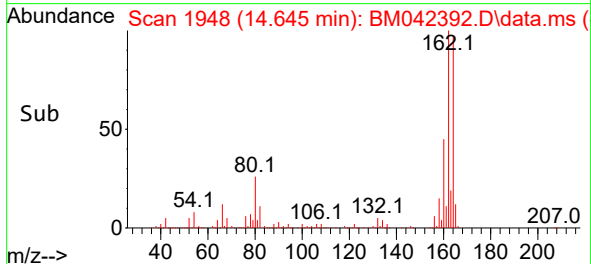
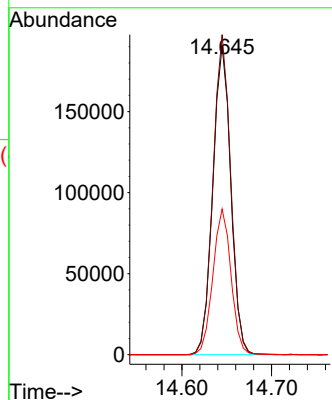
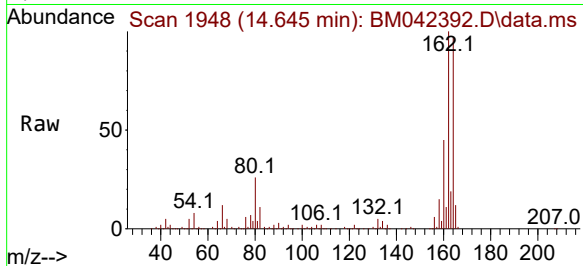




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

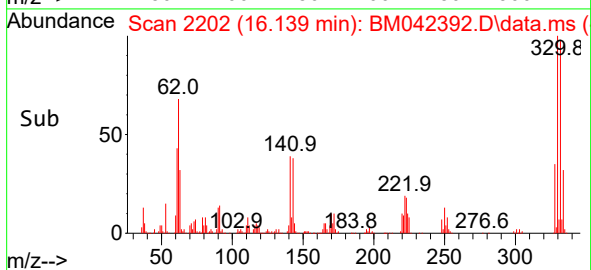
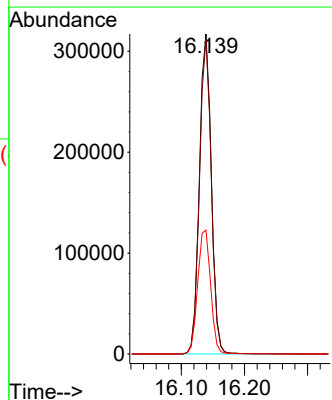
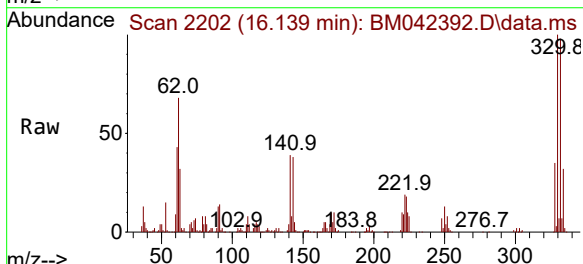
Instrument :
BNA_M
ClientSampleId :
PB156255BL

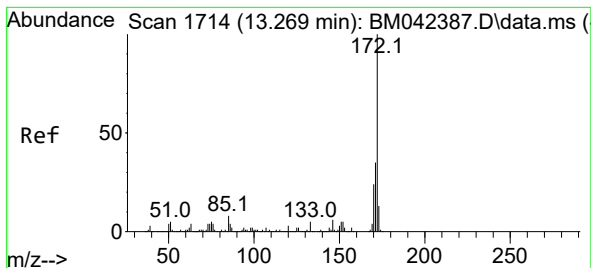
Tgt Ion:164 Resp: 264333
Ion Ratio Lower Upper
164 100
162 103.6 83.0 124.4
160 47.1 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 141.660 ng
RT: 16.139 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BM042392.D
Acq: 21 Oct 2023 00:35

Tgt Ion:330 Resp: 416140
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 42.0 38.0 57.0





#45

2-Fluorobiphenyl

Concen: 101.134 ng

RT: 13.268 min Scan# 1

Delta R.T. -0.001 min

Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

Instrument :

BNA_M

ClientSampleId :

PB156255BL

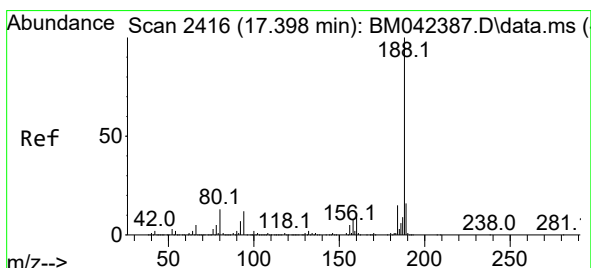
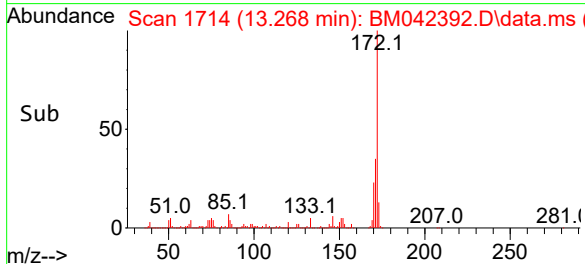
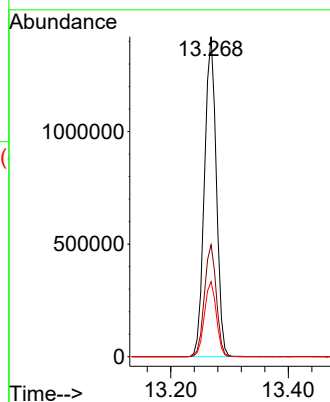
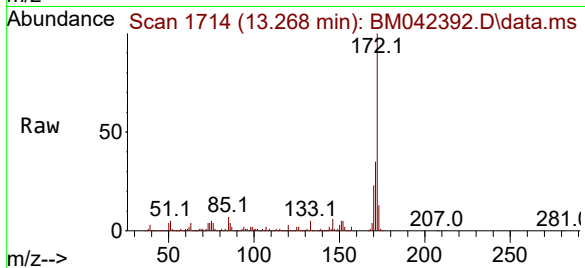
Tgt Ion:172 Resp: 1985204

Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.4 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.398 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

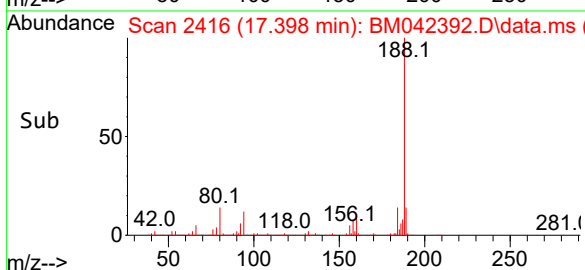
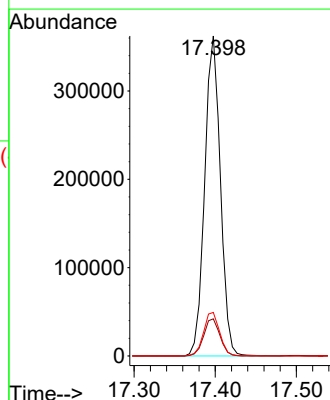
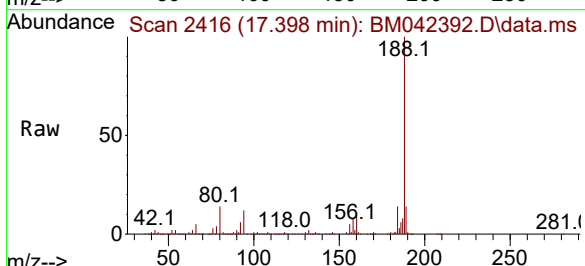
Tgt Ion:188 Resp: 485701

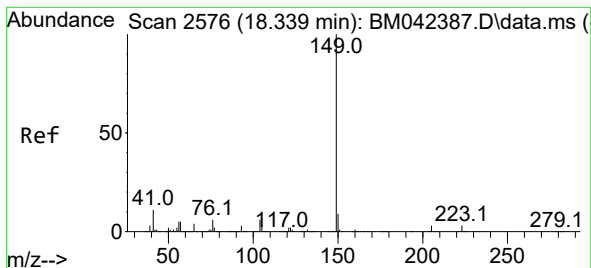
Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.0

80 13.6 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.831 ng

RT: 18.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM042392.D

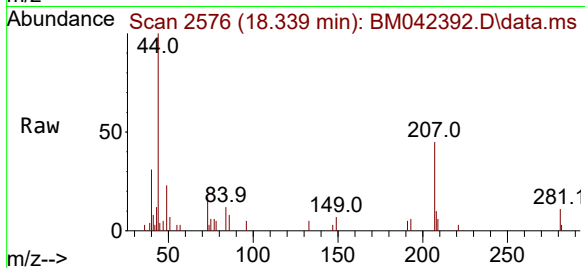
Acq: 21 Oct 2023 00:35

Instrument :

BNA_M

ClientSampleId :

PB156255BL



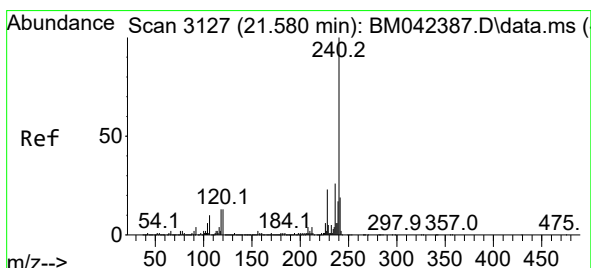
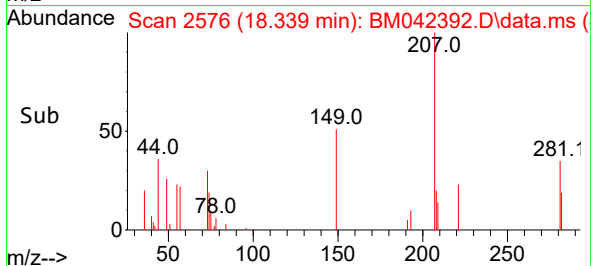
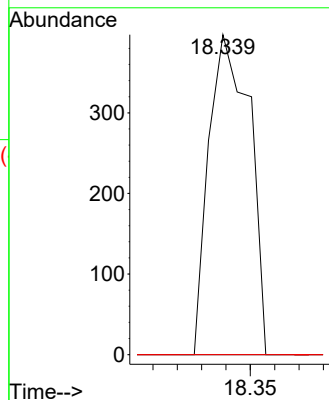
Tgt Ion:149 Resp: 462

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: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM042392.D

Acq: 21 Oct 2023 00:35

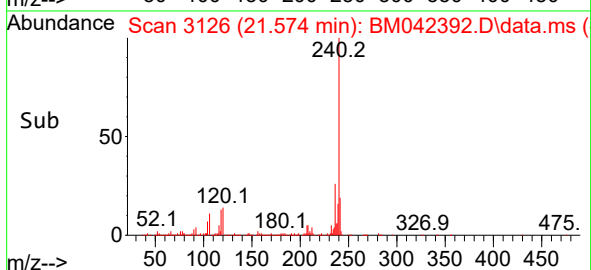
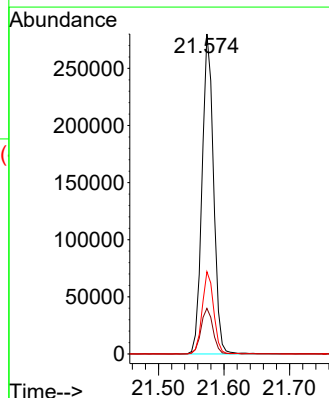
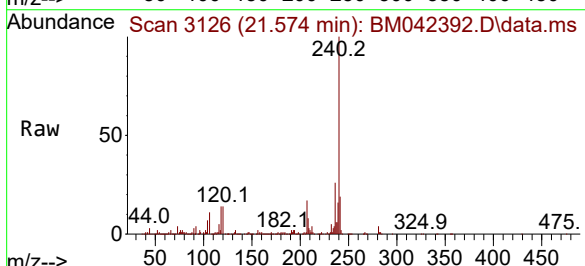
Tgt Ion:240 Resp: 342471

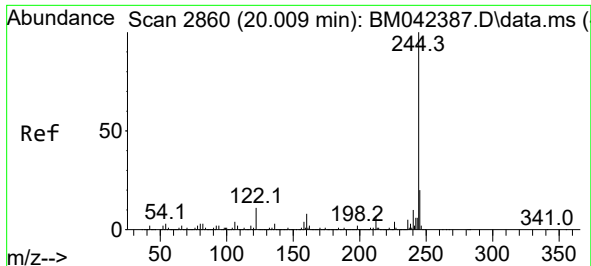
Ion Ratio Lower Upper

240 100

120 14.2 10.7 16.1

236 25.7 20.7 31.1

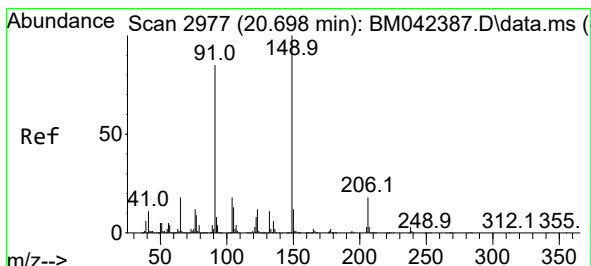
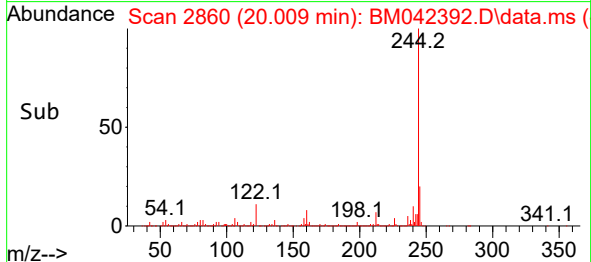
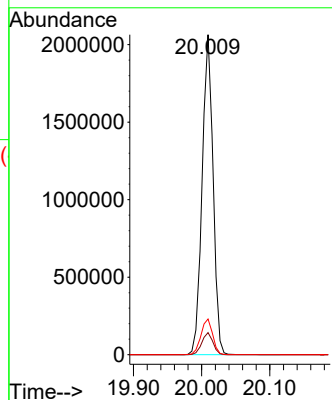
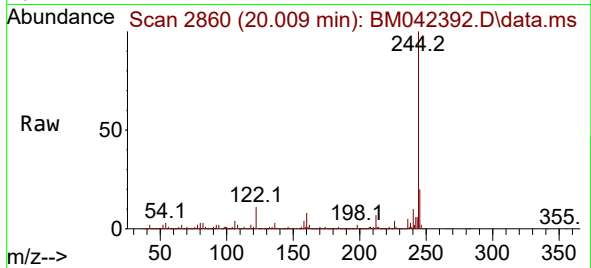




#79
 Terphenyl-d14
 Concen: 119.048 ng
 RT: 20.009 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

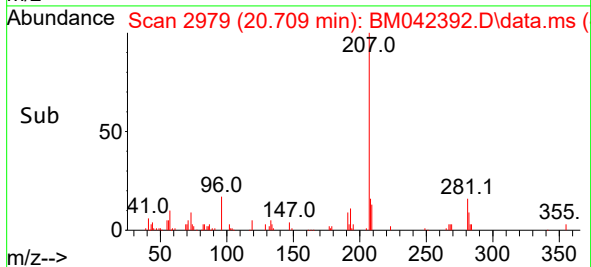
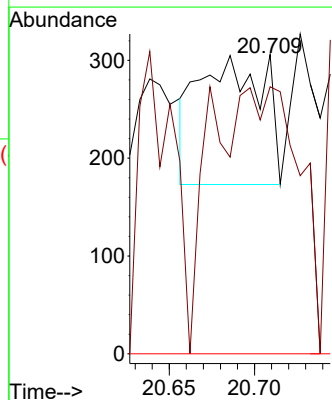
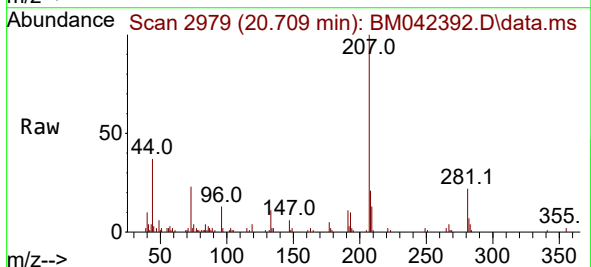
Instrument :
 BNA_M
 ClientSampleId :
 PB156255BL

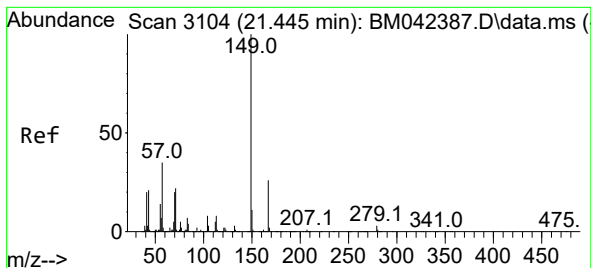
Tgt Ion:244 Resp: 2298879
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 3.288 ng
 RT: 20.709 min Scan# 2979
 Delta R.T. 0.011 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

Tgt Ion:149 Resp: 345
 Ion Ratio Lower Upper
 149 100
 91 89.2 68.3 102.5
 206 0.0 14.6 22.0#

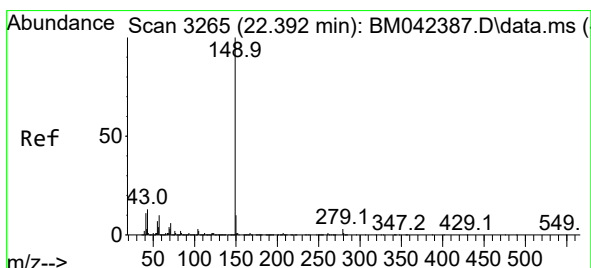
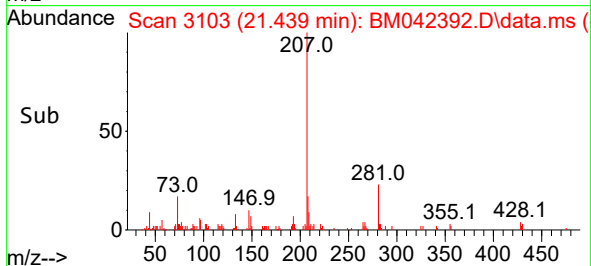
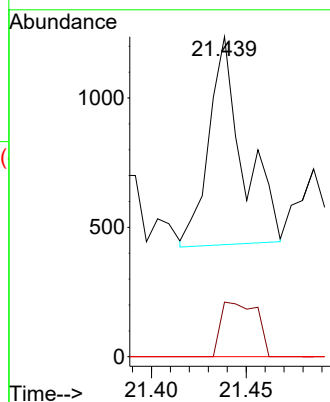
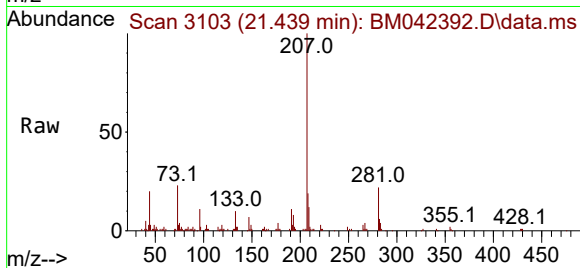




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.429 ng
 RT: 21.439 min Scan# 3104
 Delta R.T. -0.006 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

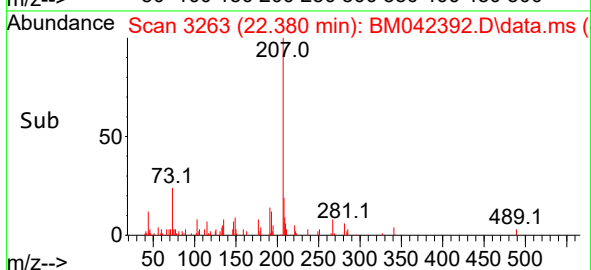
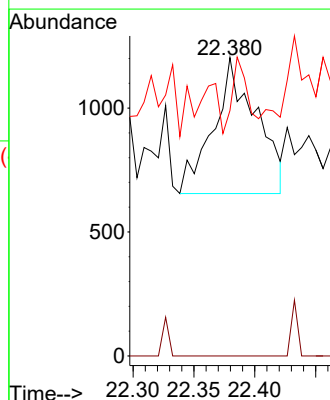
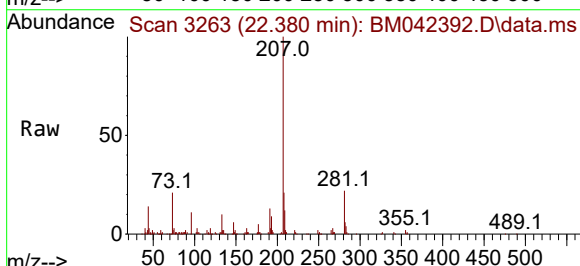
Instrument :
 BNA_M
 ClientSampleId :
 PB156255BL

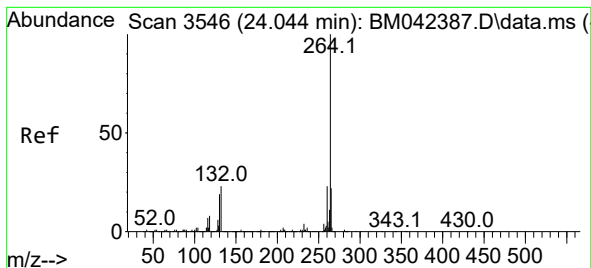
Tgt Ion:149 Resp: 1008
 Ion Ratio Lower Upper
 149 100
 167 17.1 20.9 31.3#
 279 0.0 2.7 4.1#



#85
 Di-n-octyl phthalate
 Concen: 4.265 ng
 RT: 22.380 min Scan# 3263
 Delta R.T. -0.012 min
 Lab File: BM042392.D
 Acq: 21 Oct 2023 00:35

Tgt Ion:149 Resp: 1338
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 20.3 11.0 16.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.044 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM042392.D

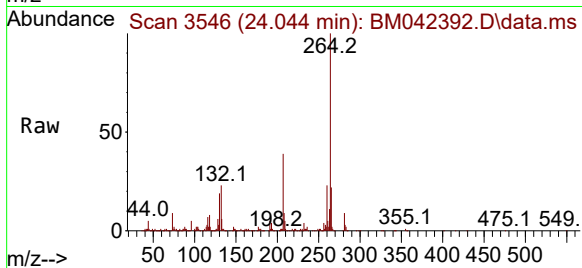
Acq: 21 Oct 2023 00:35

Instrument :

BNA_M

ClientSampleId :

PB156255BL



Tgt Ion:264 Resp: 346556

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.6 17.8 26.8

