

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102423\
 Data File : BM042422.D
 Acq On : 24 Oct 2023 16:40
 Operator : MA/JU
 Sample : 04917-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-B2-TW-101623

Quant Time: Oct 24 17:43:08 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)

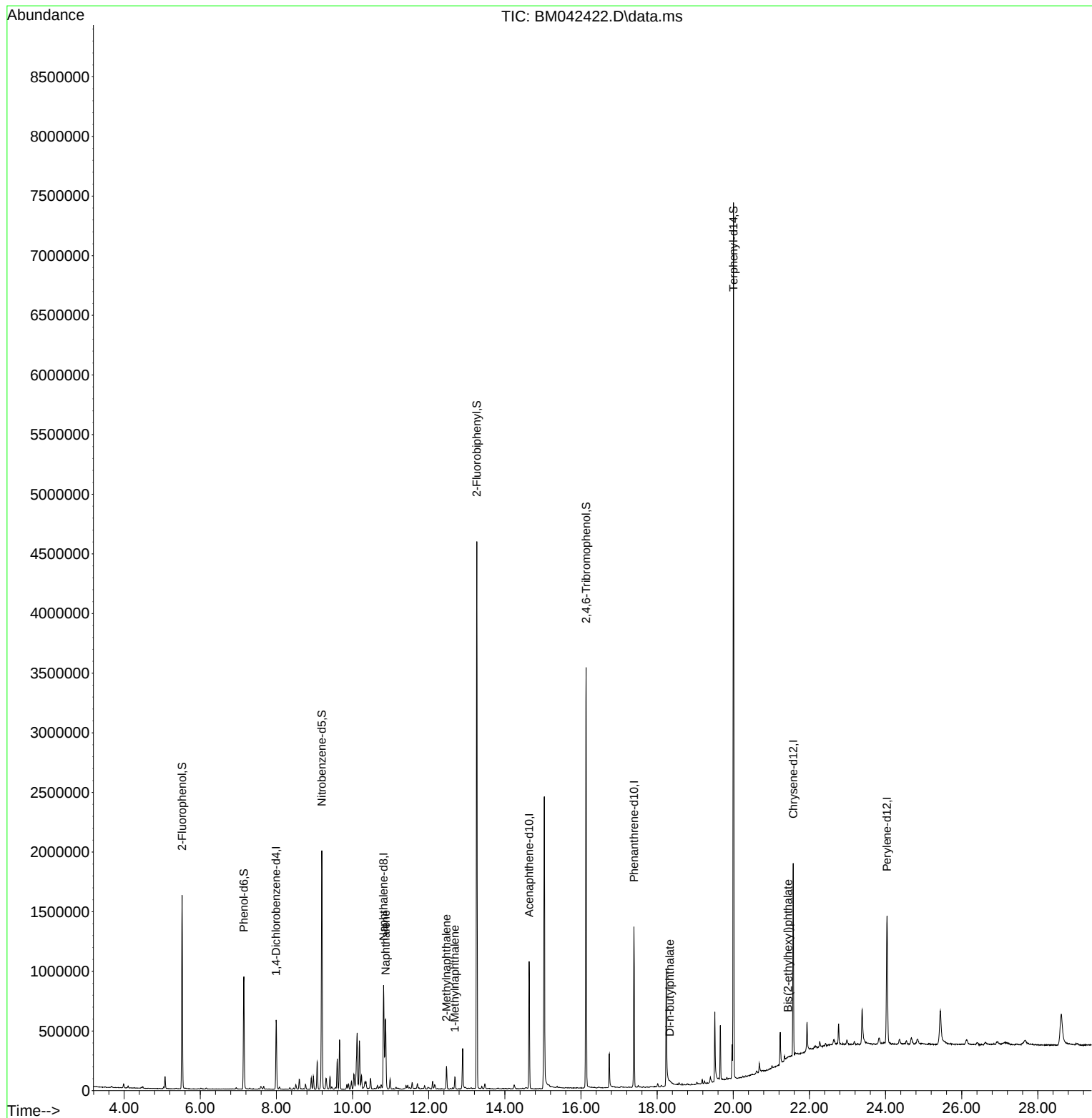
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	144856	20.000	ng	0.00
21) Naphthalene-d8	10.816	136	588905	20.000	ng	0.00
39) Acenaphthene-d10	14.639	164	334157	20.000	ng	0.00
64) Phenanthrene-d10	17.392	188	727373	20.000	ng	0.00
76) Chrysene-d12	21.574	240	709851	20.000	ng	0.00
86) Perylene-d12	24.039	264	787463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	629007	61.370	ng	0.00
7) Phenol-d6	7.146	99	501172	36.488	ng	0.00
23) Nitrobenzene-d5	9.192	82	1098265	82.466	ng	0.00
42) 2,4,6-Tribromophenol	16.133	330	575728	154.161	ng	0.00
45) 2-Fluorobiphenyl	13.263	172	2203594	88.802	ng	0.00
79) Terphenyl-d14	20.004	244	3254662	81.314	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.869	128	435277	14.390	ng	100
37) 2-Methylnaphthalene	12.469	142	86641	4.255	ng	97
38) 1-Methylnaphthalene	12.686	142	43030	2.256	ng	100
74) Di-n-butylphthalate	18.333	149	7150	2.962	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.439	149	4708	3.505	ng	# 97

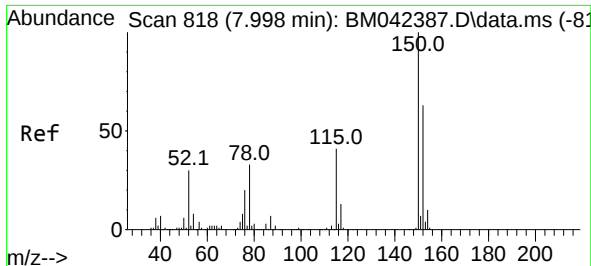
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

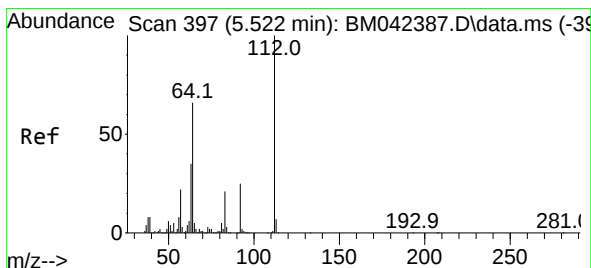
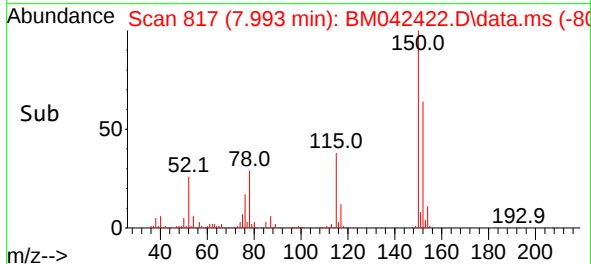
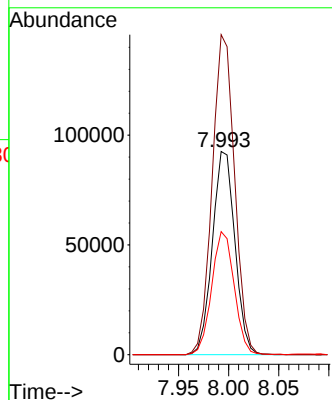
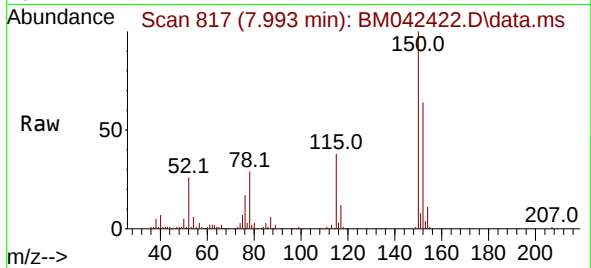




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.993 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

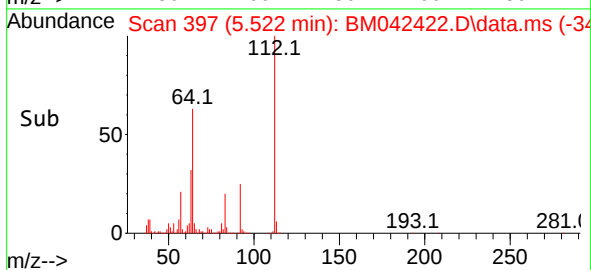
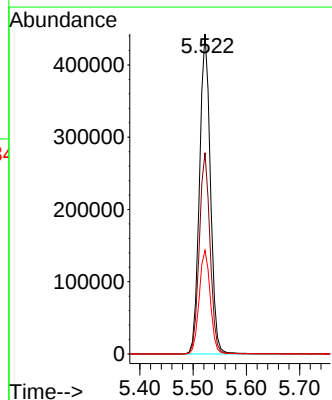
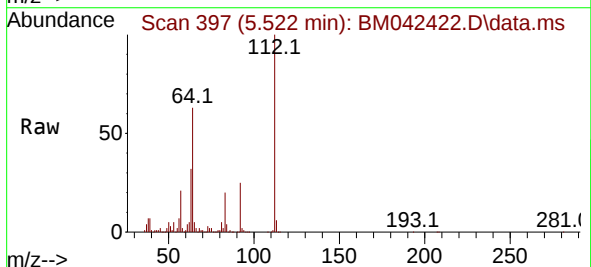
Instrument :
BNA_M
ClientSampleId :
LSS-B2-TW-101623

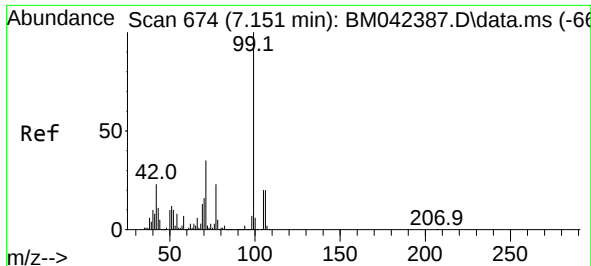
Tgt Ion:152 Resp: 144856
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 60.5 51.9 77.9



#5
2-Fluorophenol
Concen: 61.370 ng
RT: 5.522 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Tgt Ion:112 Resp: 629007
Ion Ratio Lower Upper
112 100
64 62.9 52.7 79.1
63 32.4 28.3 42.5

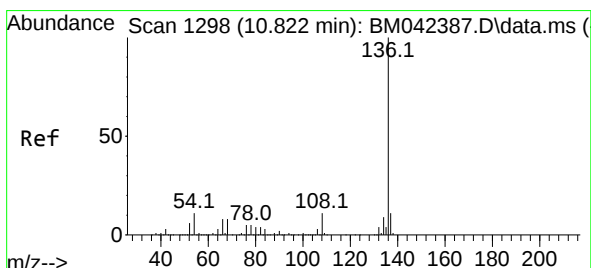
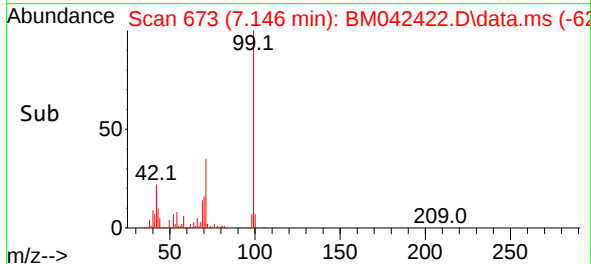
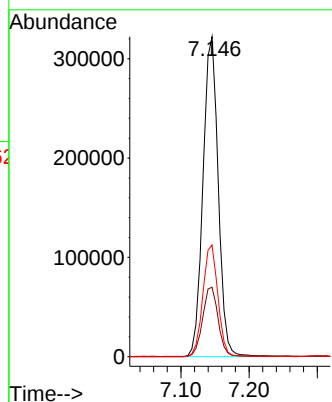
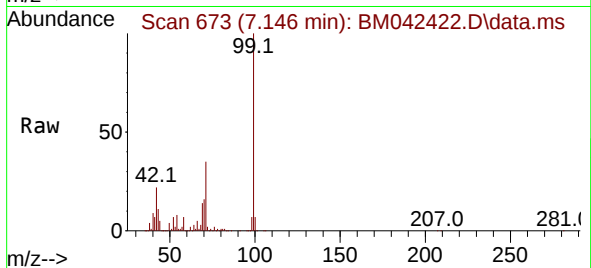




#7
Phenol-d6
Concen: 36.488 ng
RT: 7.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

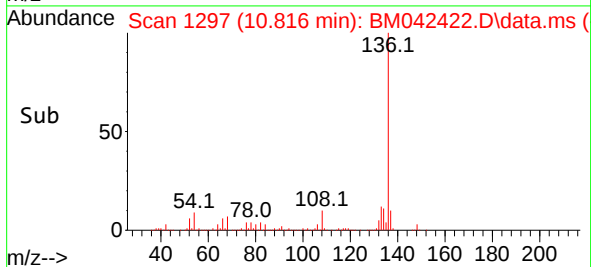
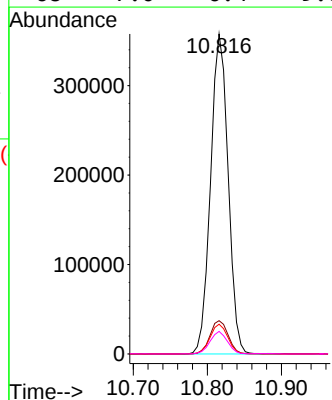
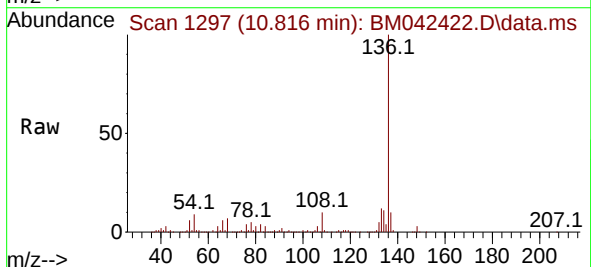
Instrument :
BNA_M
ClientSampleId :
LSS-B2-TW-101623

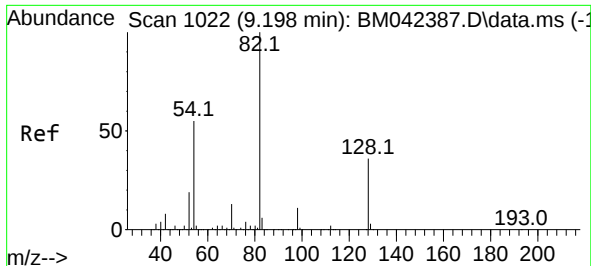
Tgt Ion: 99 Resp: 501172
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.816 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Tgt Ion: 136 Resp: 588905
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 9.3 8.6 12.8
68 7.0 6.4 9.6

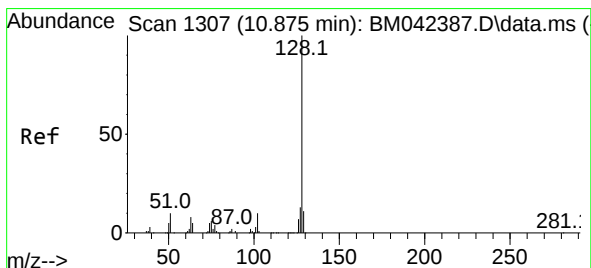
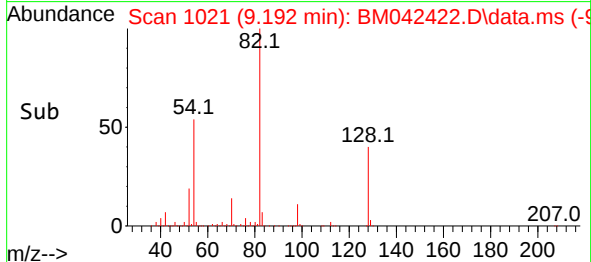
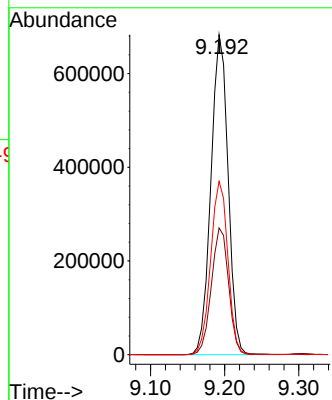
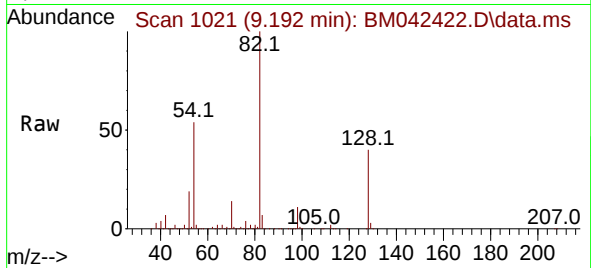




#23
Nitrobenzene-d5
Concen: 82.466 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

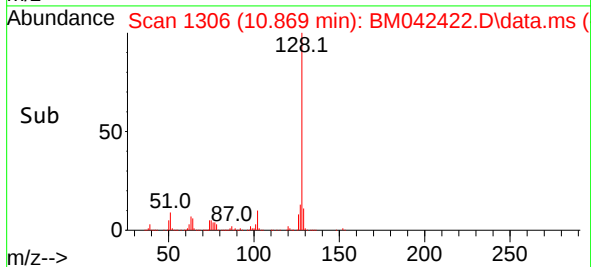
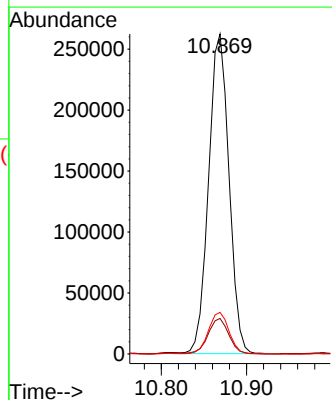
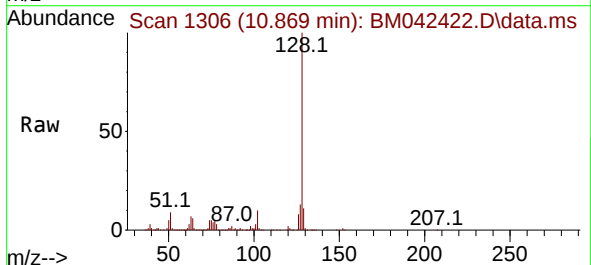
Instrument :
BNA_M
ClientSampleId :
LSS-B2-TW-101623

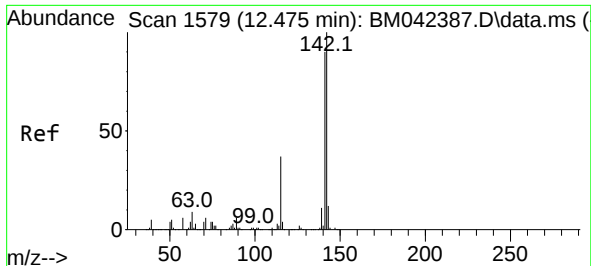
Tgt Ion: 82 Resp: 1098265
Ion Ratio Lower Upper
82 100
128 39.6 29.0 43.6
54 54.2 43.7 65.5



#31
Naphthalene
Concen: 14.390 ng
RT: 10.869 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Tgt Ion: 128 Resp: 435277
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6

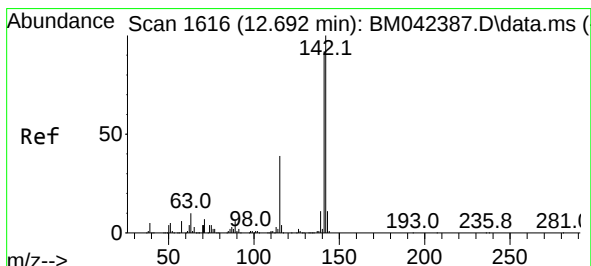
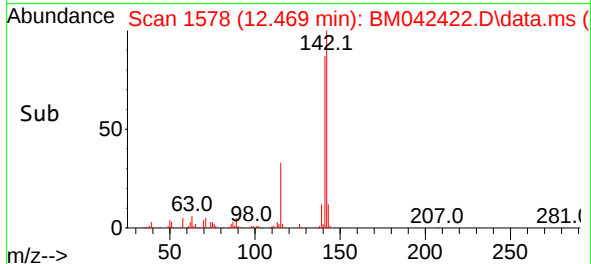
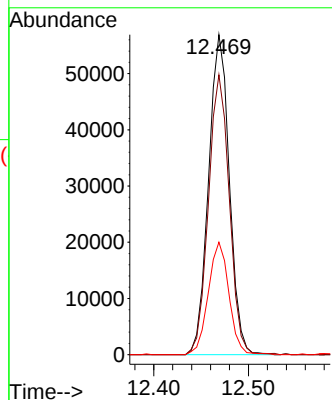
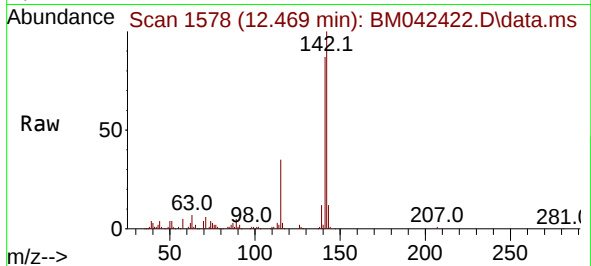




#37
2-Methylnaphthalene
Concen: 4.255 ng
RT: 12.469 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

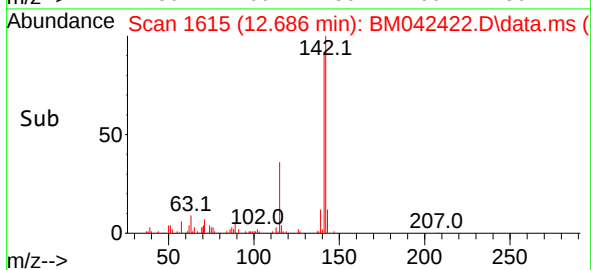
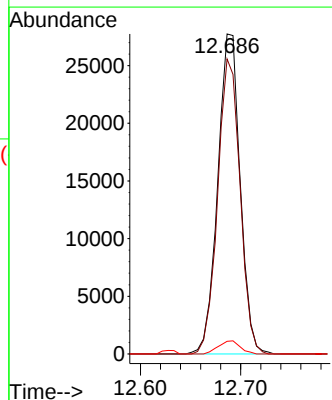
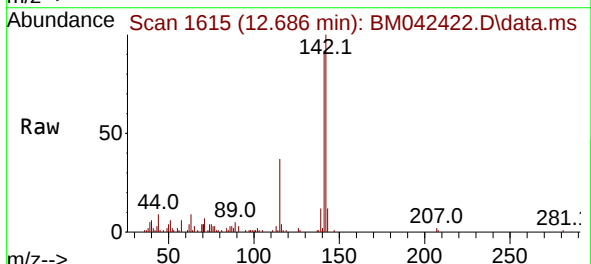
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ClientSampleId :
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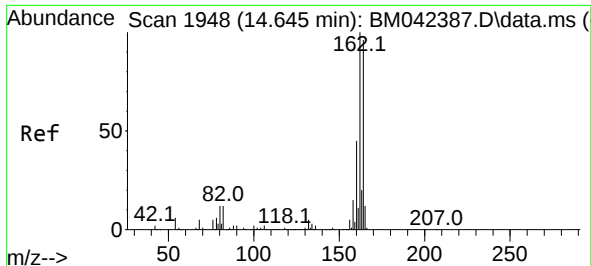
Tgt Ion:142 Resp: 86641
Ion Ratio Lower Upper
142 100
141 87.4 72.0 108.0
115 35.2 29.4 44.2



#38
1-Methylnaphthalene
Concen: 2.256 ng
RT: 12.686 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Tgt Ion:142 Resp: 43030
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6
116 4.0 3.3 4.9

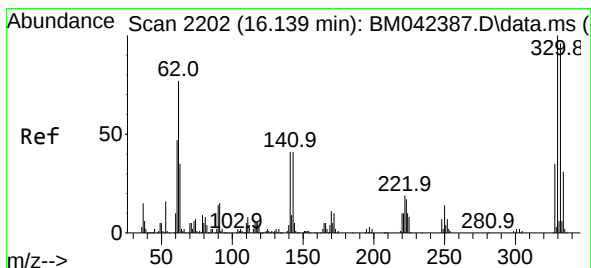
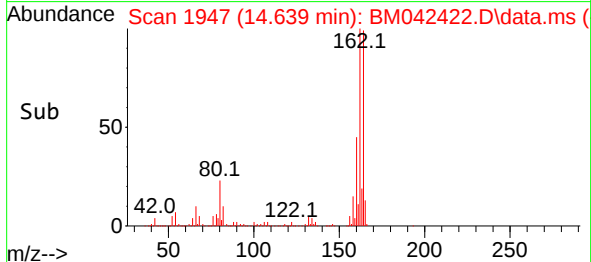
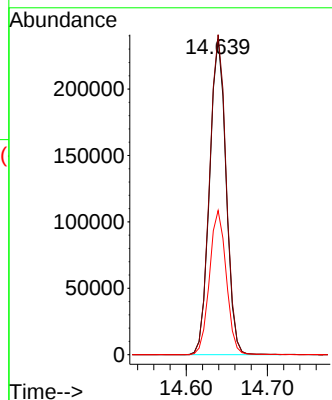
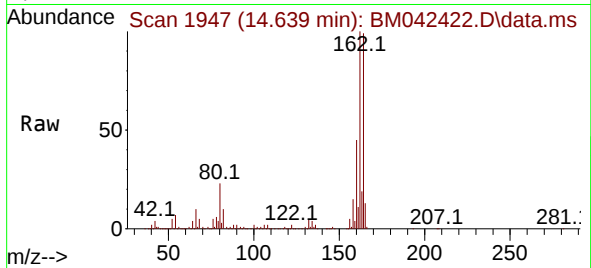




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.639 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

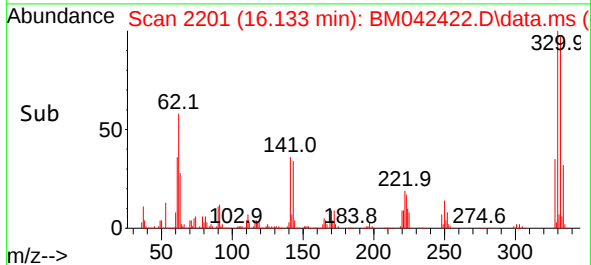
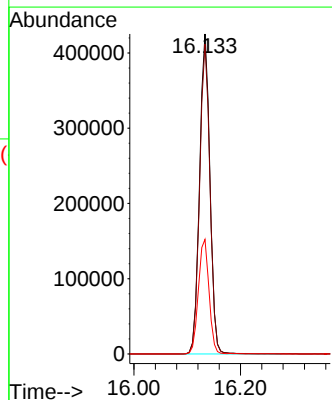
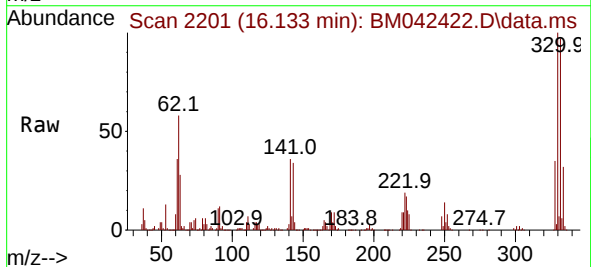
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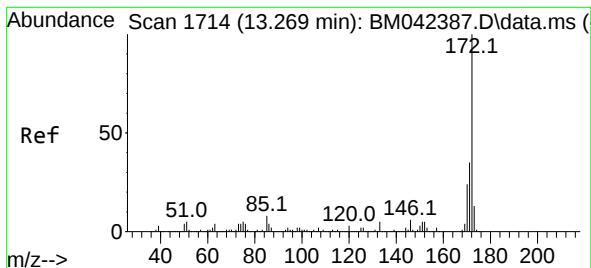
Tgt Ion:164 Resp: 334157
Ion Ratio Lower Upper
164 100
162 101.3 83.0 124.4
160 45.6 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 154.161 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Tgt Ion:330 Resp: 575728
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 36.7 38.0 57.0#





#45

2-Fluorobiphenyl

Concen: 88.802 ng

RT: 13.263 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM042422.D

Acq: 24 Oct 2023 16:40

Instrument :

BNA_M

ClientSampleId :

LSS-B2-TW-101623

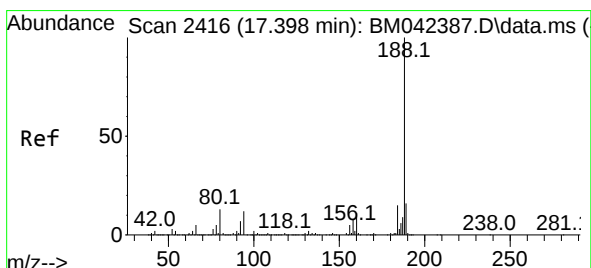
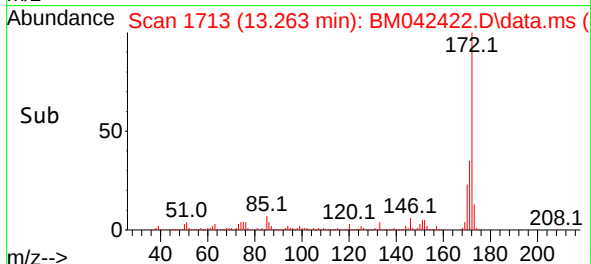
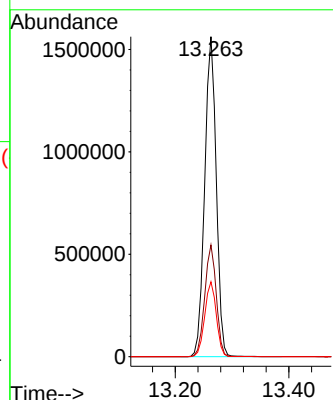
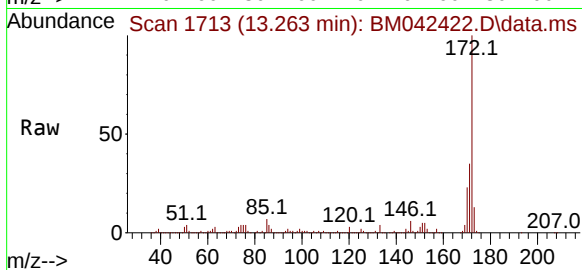
Tgt Ion:172 Resp: 2203594

Ion Ratio Lower Upper

172 100

171 34.9 28.1 42.1

170 23.4 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.392 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM042422.D

Acq: 24 Oct 2023 16:40

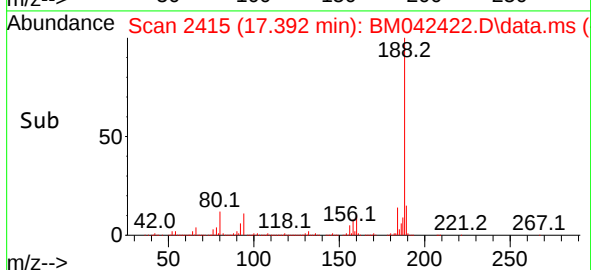
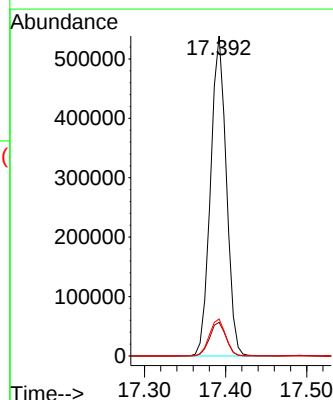
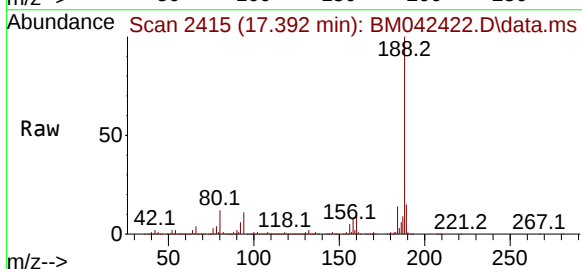
Tgt Ion:188 Resp: 727373

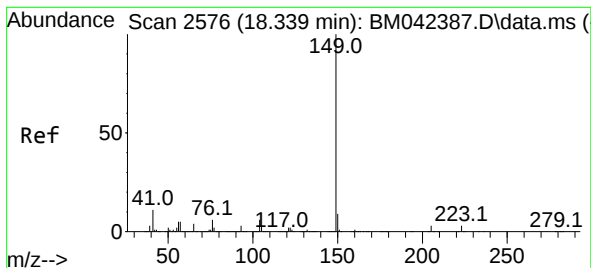
Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.0

80 11.6 10.7 16.1





#74

Di-n-butylphthalate

Concen: 2.962 ng

RT: 18.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042422.D

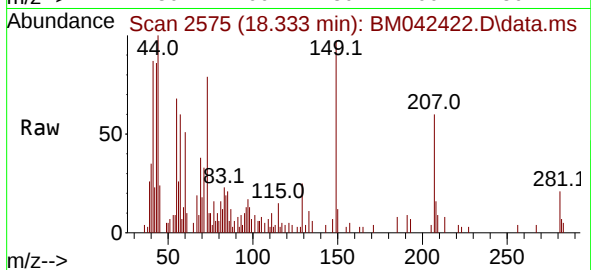
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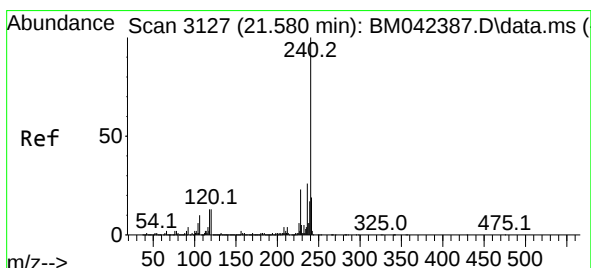
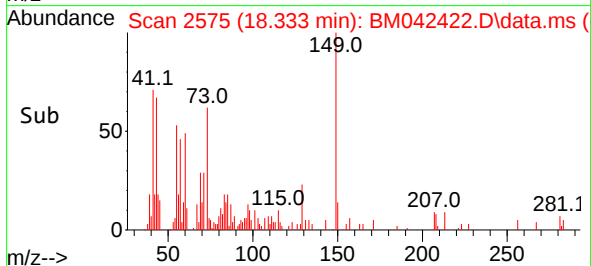
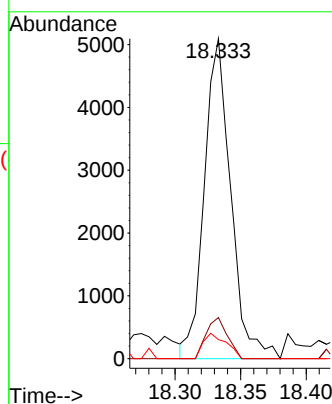
Tgt Ion:149 Resp: 7150

Ion Ratio Lower Upper

149 100

150 12.8 7.4 11.0#

104 5.9 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: BM042422.D

Acq: 24 Oct 2023 16:40

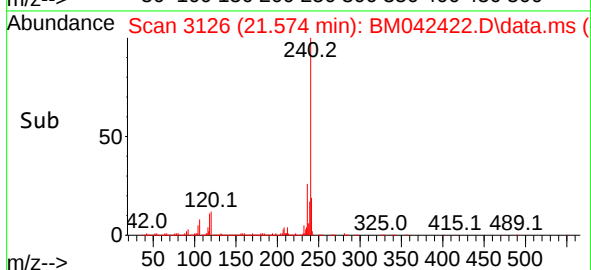
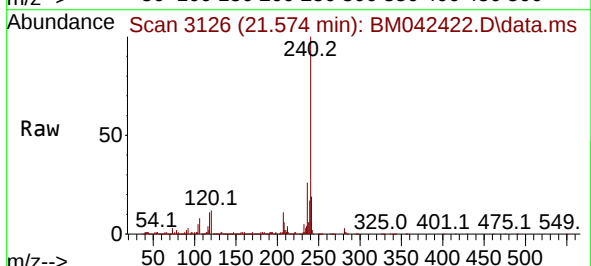
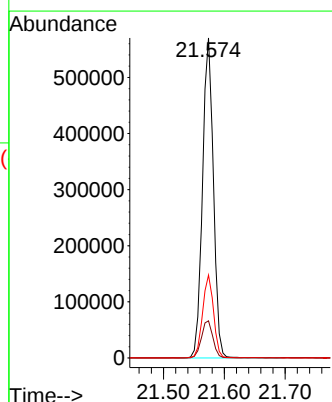
Tgt Ion:240 Resp: 709851

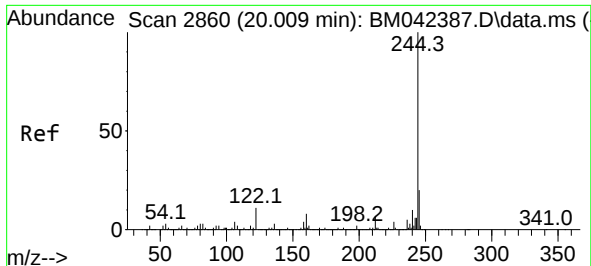
Ion Ratio Lower Upper

240 100

120 11.6 10.7 16.1

236 25.9 20.7 31.1

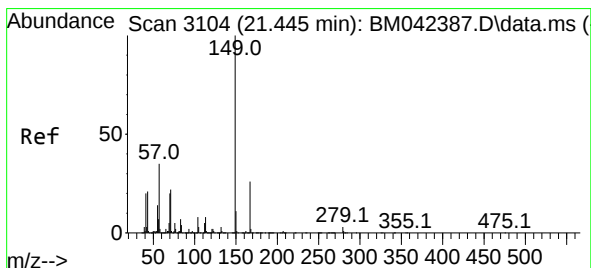
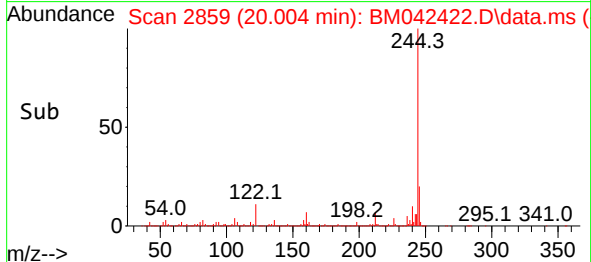
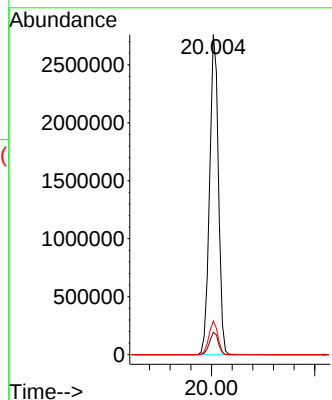
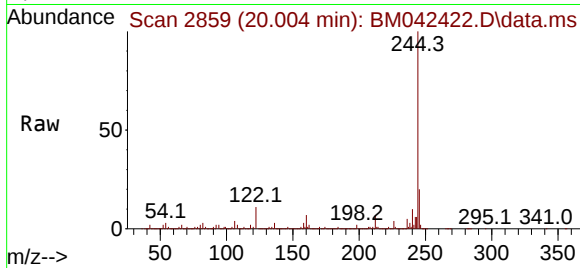




#79
 Terphenyl-d14
 Concen: 81.314 ng
 RT: 20.004 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM042422.D
 Acq: 24 Oct 2023 16:40

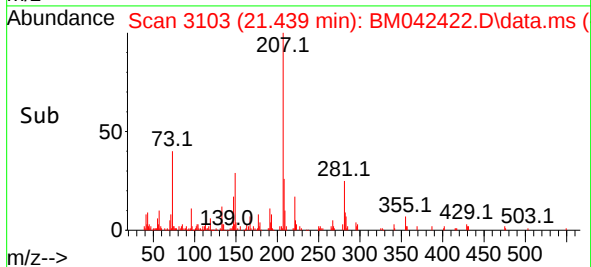
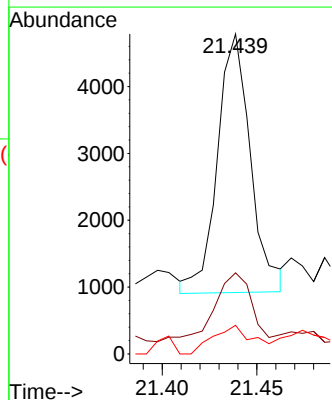
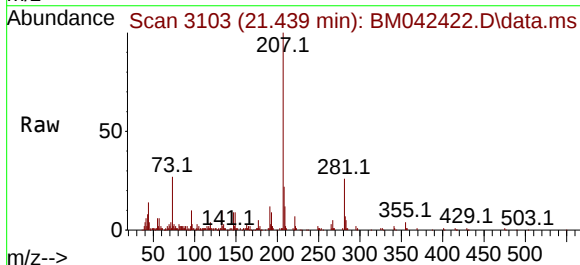
Instrument :
 BNA_M
 ClientSampleId :
 LSS-B2-TW-101623

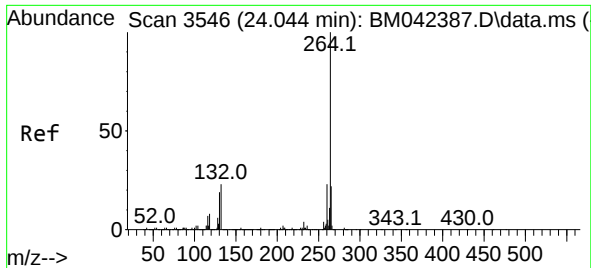
Tgt Ion:244 Resp: 3254662
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.505 ng
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BM042422.D
 Acq: 24 Oct 2023 16:40

Tgt Ion:149 Resp: 4708
 Ion Ratio Lower Upper
 149 100
 167 25.4 20.9 31.3
 279 8.9 2.7 4.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.039 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042422.D
Acq: 24 Oct 2023 16:40

Instrument :
BNA_M
ClientSampleId :
LSS-B2-TW-101623

Tgt Ion:264 Resp: 787463

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.2	17.8	26.8

