

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072325\
 Data File : BM050492.D
 Acq On : 23 Jul 2025 16:18
 Operator : RC/JU
 Sample : Q2633-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FIBER-GLASS-TANK

Quant Time: Jul 23 17:01:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 16:20:15 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

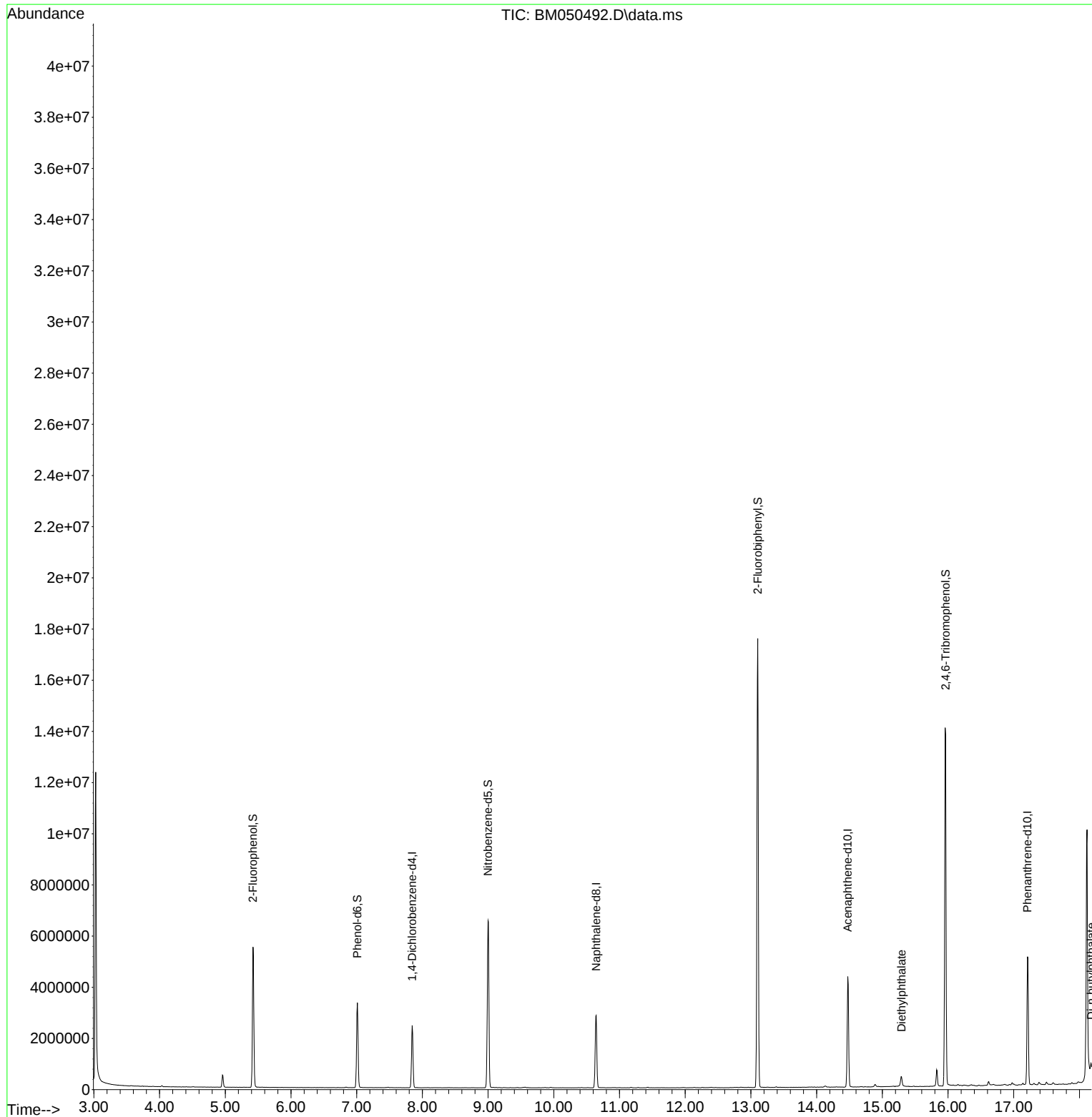
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	690734	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	2470677	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	1581094	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	3131403	20.000	ng	0.00
76) Chrysene-d12	21.439	240	3281829	20.000	ng	0.00
86) Perylene-d12	24.468	264	3680343	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2452533	61.117	ng	0.00
7) Phenol-d6	7.010	99	1892607	37.414	ng	0.00
23) Nitrobenzene-d5	8.998	82	3820383	78.889	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2969321	154.568	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	9483266	74.070	ng	0.00
79) Terphenyl-d14	19.821	244	12910422	69.216	ng	0.00
Target Compounds						
60) Diethylphthalate	15.292	149	295140	2.838	ng	100
74) Di-n-butylphthalate	18.180	149	369913	2.118	ng	99

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

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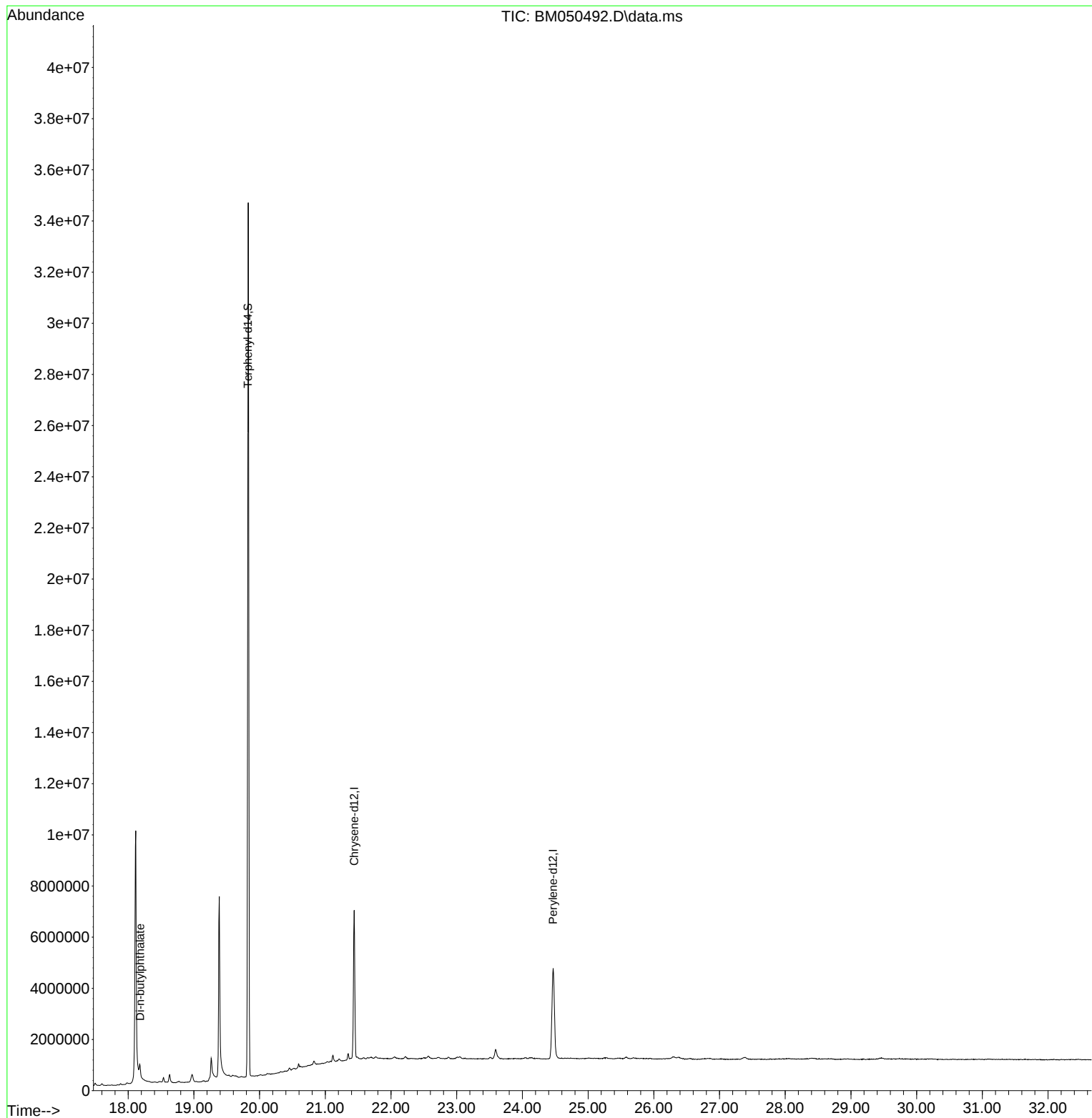
Quant Time: Jul 23 17:01:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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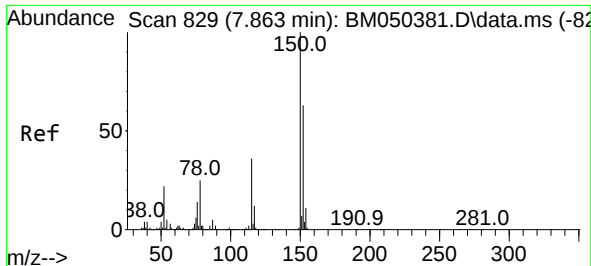


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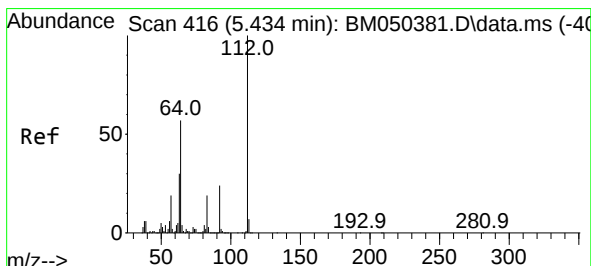
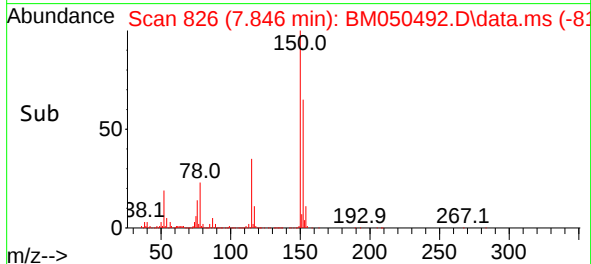
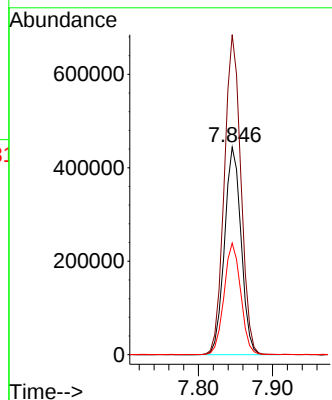
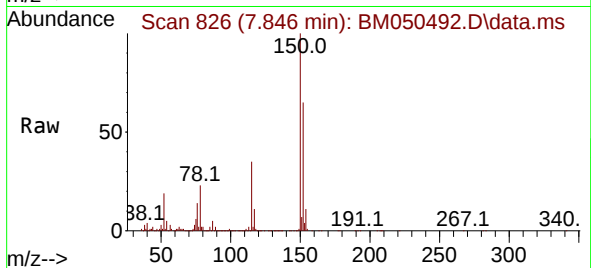




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.846 min Scan# 81
Delta R.T. -0.005 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

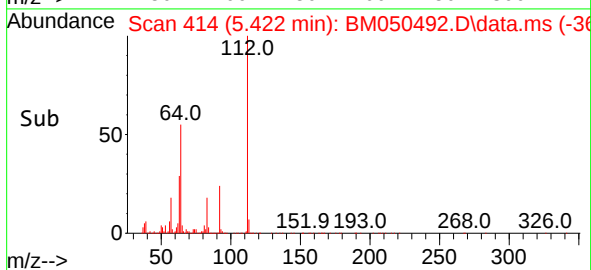
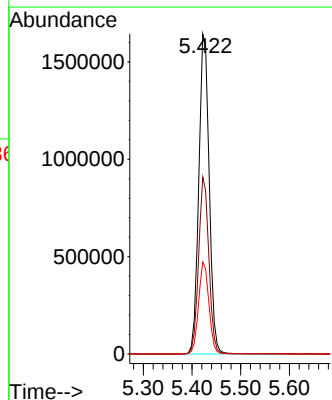
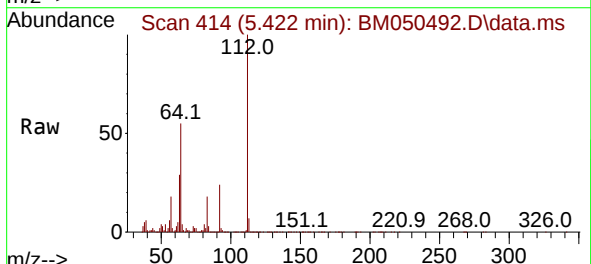
Instrument :
BNA_M
ClientSampleId :
FIBER-GLASS-TANK

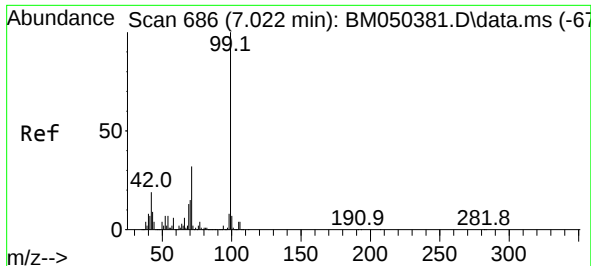
Tgt Ion:152 Resp: 690734
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.4
115 53.7 45.8 68.8



#5
2-Fluorophenol
Concen: 61.117 ng
RT: 5.422 min Scan# 414
Delta R.T. -0.006 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

Tgt Ion:112 Resp: 2452533
Ion Ratio Lower Upper
112 100
64 55.3 45.5 68.3
63 28.7 24.2 36.4

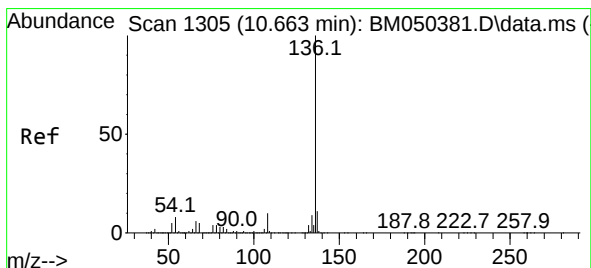
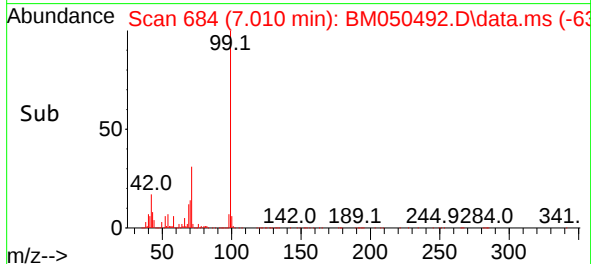
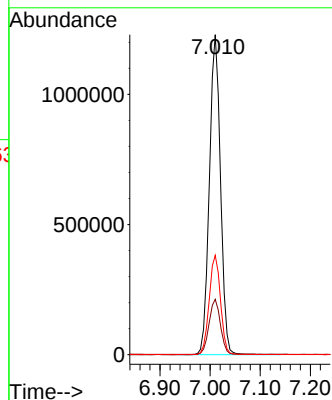
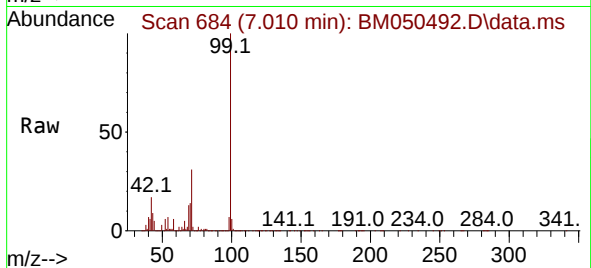




#7
Phenol-d6
Concen: 37.414 ng
RT: 7.010 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

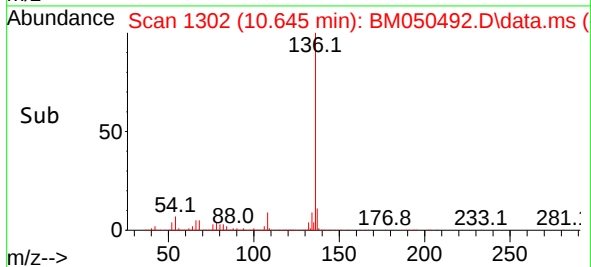
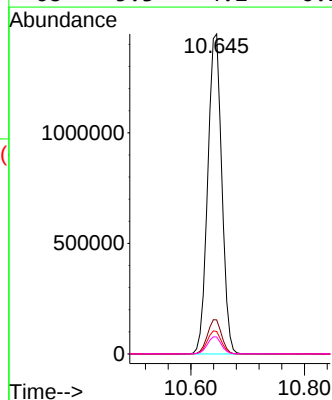
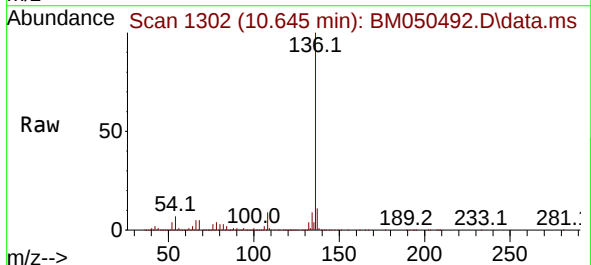
Instrument :
BNA_M
ClientSampleId :
FIBER-GLASS-TANK

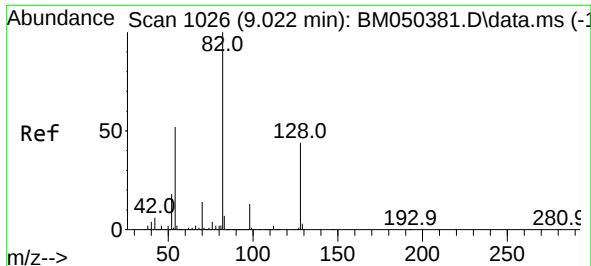
Tgt Ion: 99 Resp: 1892607
Ion Ratio Lower Upper
99 100
42 17.3 15.0 22.6
71 31.0 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1302
Delta R.T. 0.006 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

Tgt Ion: 136 Resp: 2470677
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.1 6.3 9.5
68 5.3 4.2 6.2

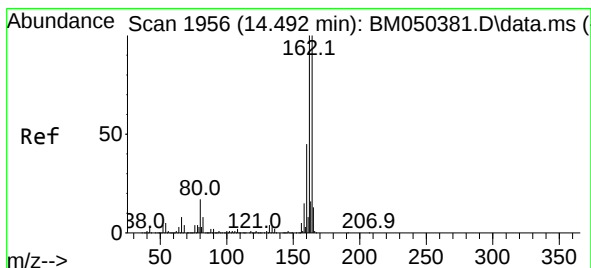
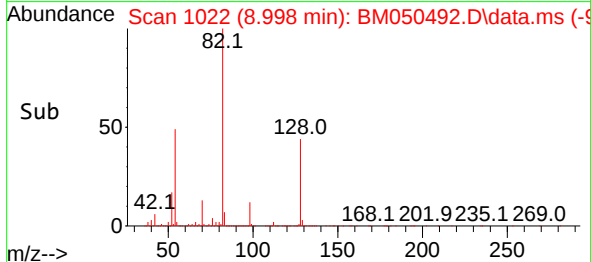
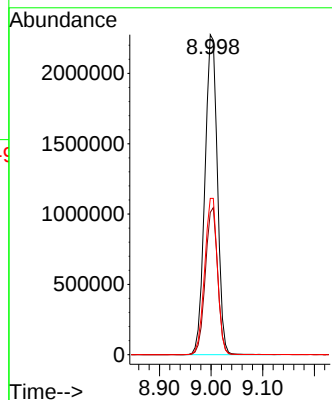
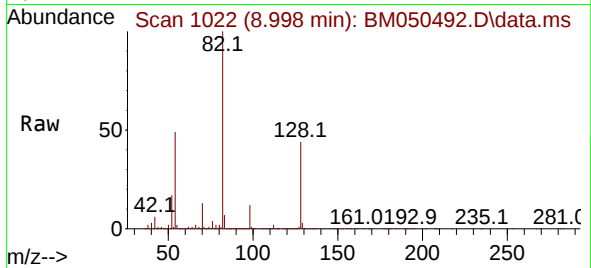




#23
Nitrobenzene-d5
Concen: 78.889 ng
RT: 8.998 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

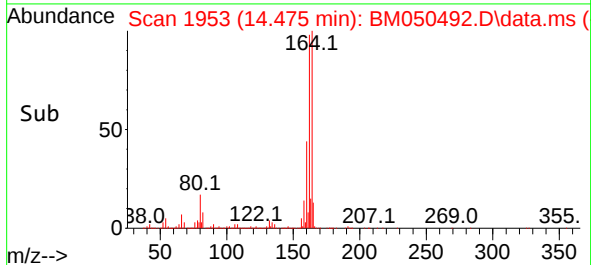
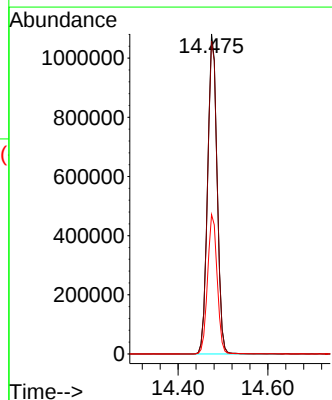
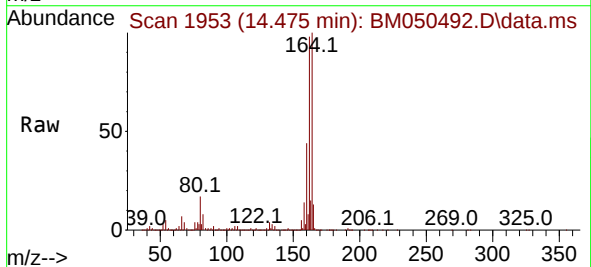
Instrument :
BNA_M
ClientSampleId :
FIBER-GLASS-TANK

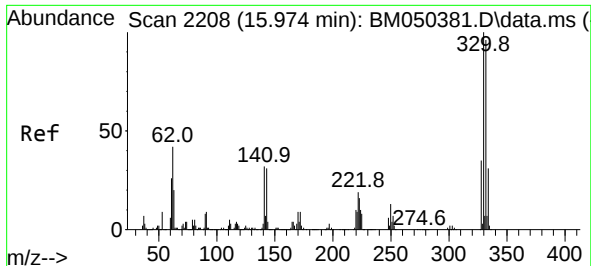
Tgt Ion: 82 Resp: 3820383
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 48.9 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

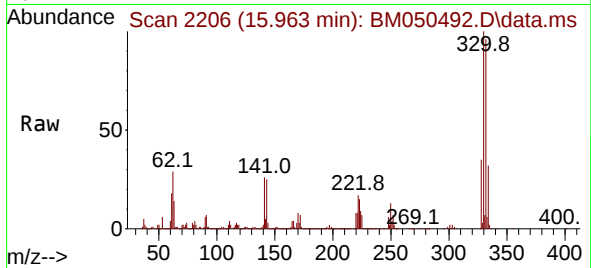
Tgt Ion:164 Resp: 1581094
Ion Ratio Lower Upper
164 100
162 97.8 79.9 119.9
160 43.6 36.2 54.4



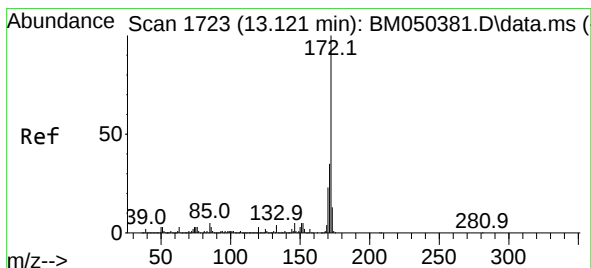
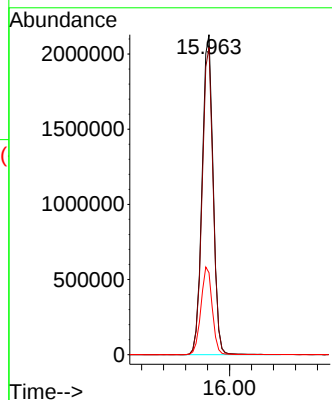
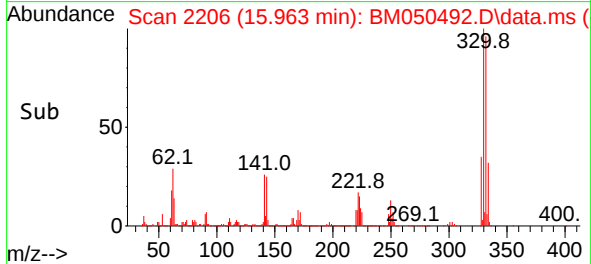


#42
2,4,6-Tribromophenol
Concen: 154.568 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

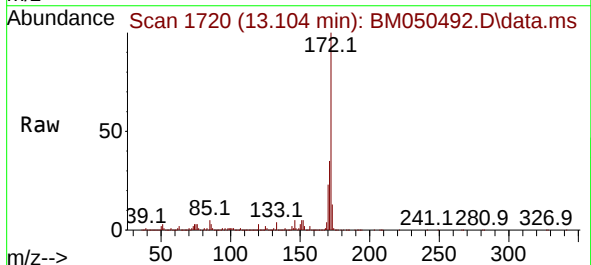
Instrument :
BNA_M
ClientSampleId :
FIBER-GLASS-TANK



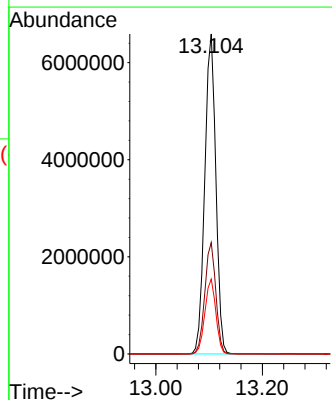
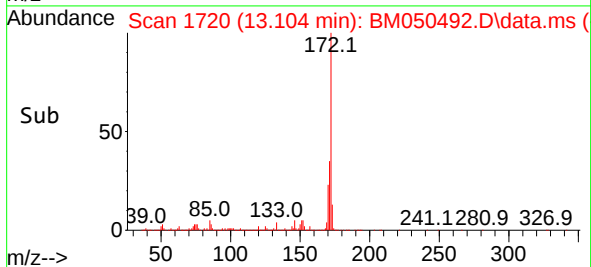
Tgt Ion:330 Resp: 2969321
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 28.0 27.4 41.0

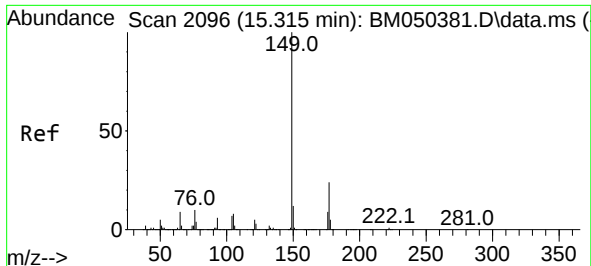


#45
2-Fluorobiphenyl
Concen: 74.070 ng
RT: 13.104 min Scan# 1720
Delta R.T. 0.000 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18



Tgt Ion:172 Resp: 9483266
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.4 18.8 28.2

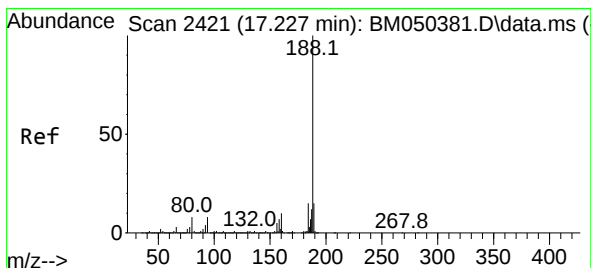
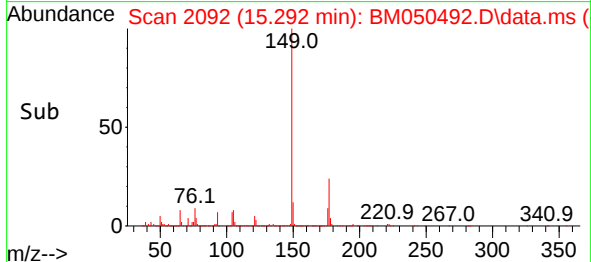
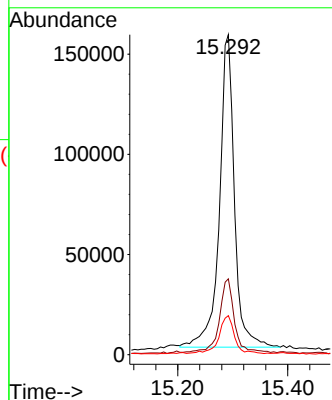
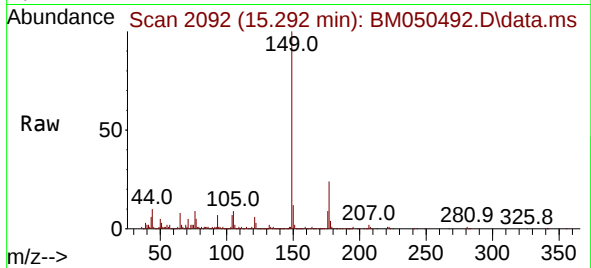




#60
Diethylphthalate
Concen: 2.838 ng
RT: 15.292 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

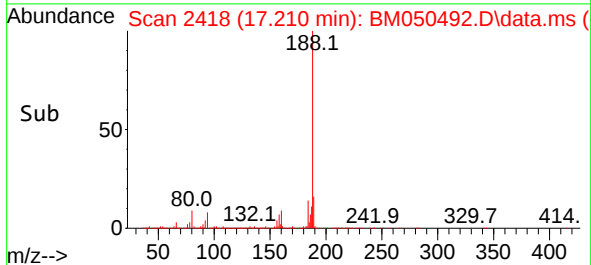
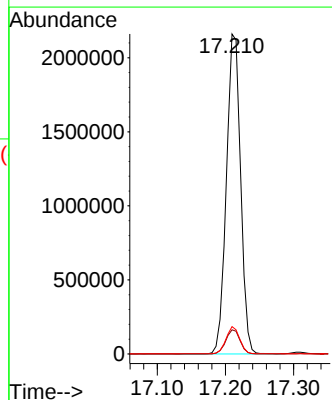
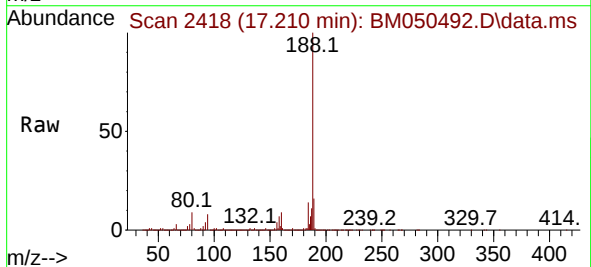
Instrument :
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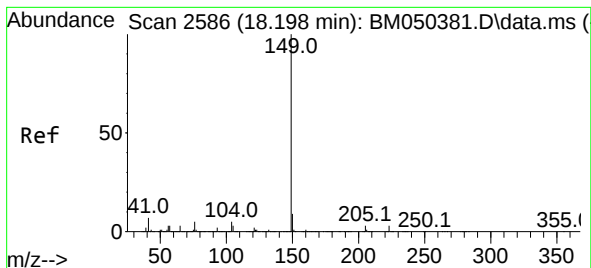
Tgt Ion:149 Resp: 295140
Ion Ratio Lower Upper
149 100
177 23.7 18.8 28.2
150 12.2 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM050492.D
Acq: 23 Jul 2025 16:18

Tgt Ion:188 Resp: 3131403
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.6 6.5 9.7





#74

Di-n-butylphthalate

Concen: 2.118 ng

RT: 18.180 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM050492.D

Acq: 23 Jul 2025 16:18

Instrument :

BNA_M

ClientSampleId :

FIBER-GLASS-TANK

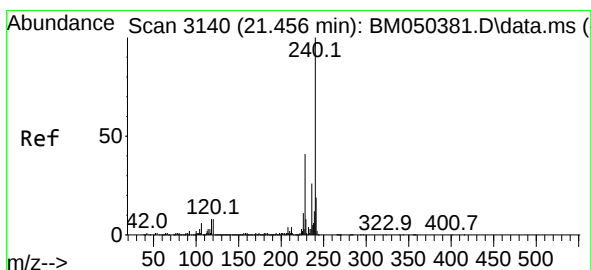
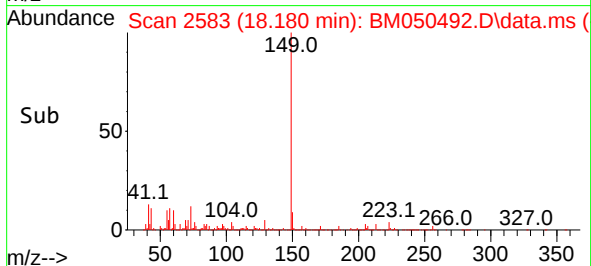
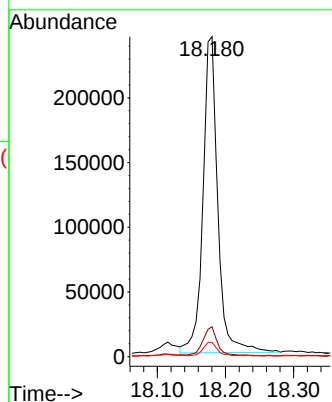
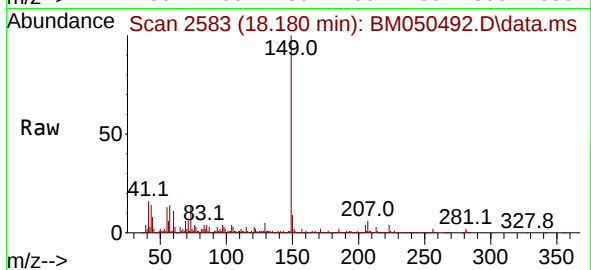
Tgt Ion:149 Resp: 369913

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 4.5 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BM050492.D

Acq: 23 Jul 2025 16:18

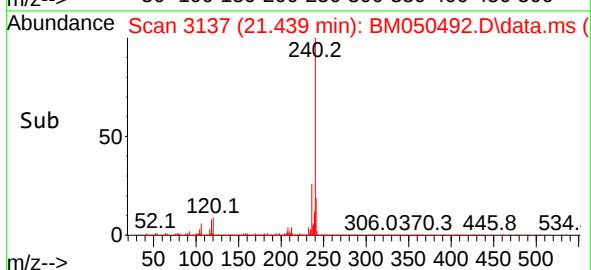
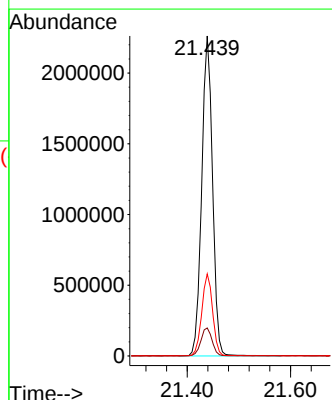
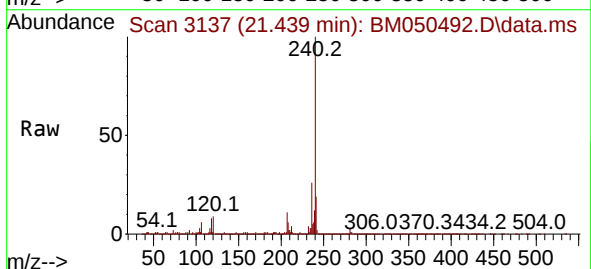
Tgt Ion:240 Resp: 3281829

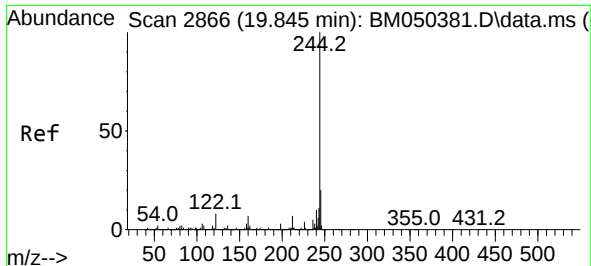
Ion Ratio Lower Upper

240 100

120 8.7 6.7 10.1

236 25.6 20.7 31.1

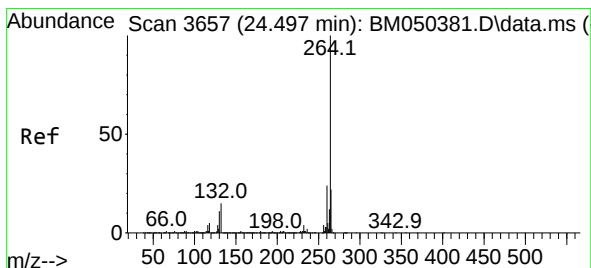
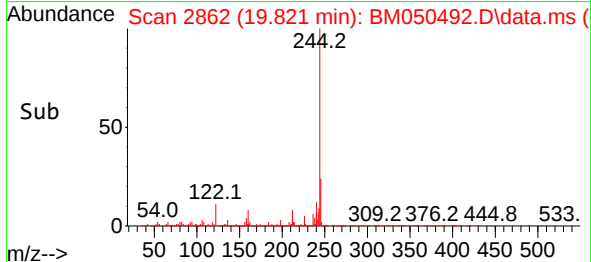
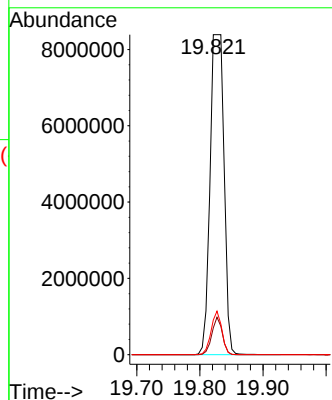
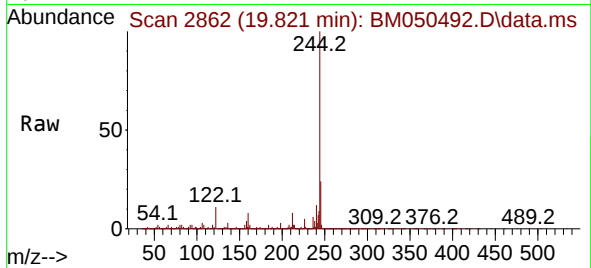




#79
 Terphenyl-d14
 Concen: 69.216 ng
 RT: 19.821 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM050492.D
 Acq: 23 Jul 2025 16:18

Instrument :
 BNA_M
 ClientSampleId :
 FIBER-GLASS-TANK

Tgt Ion:244 Resp:12910422
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.7 8.5
 122 10.9 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.468 min Scan# 3652
 Delta R.T. 0.012 min
 Lab File: BM050492.D
 Acq: 23 Jul 2025 16:18

Tgt Ion:264 Resp: 3680343
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.9 17.8 26.6

