

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050453.D
 Acq On : 15 Jul 2025 13:31
 Operator : RC/JU
 Sample : Q2489-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G3(6-12)

Quant Time: Jul 15 14:59:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

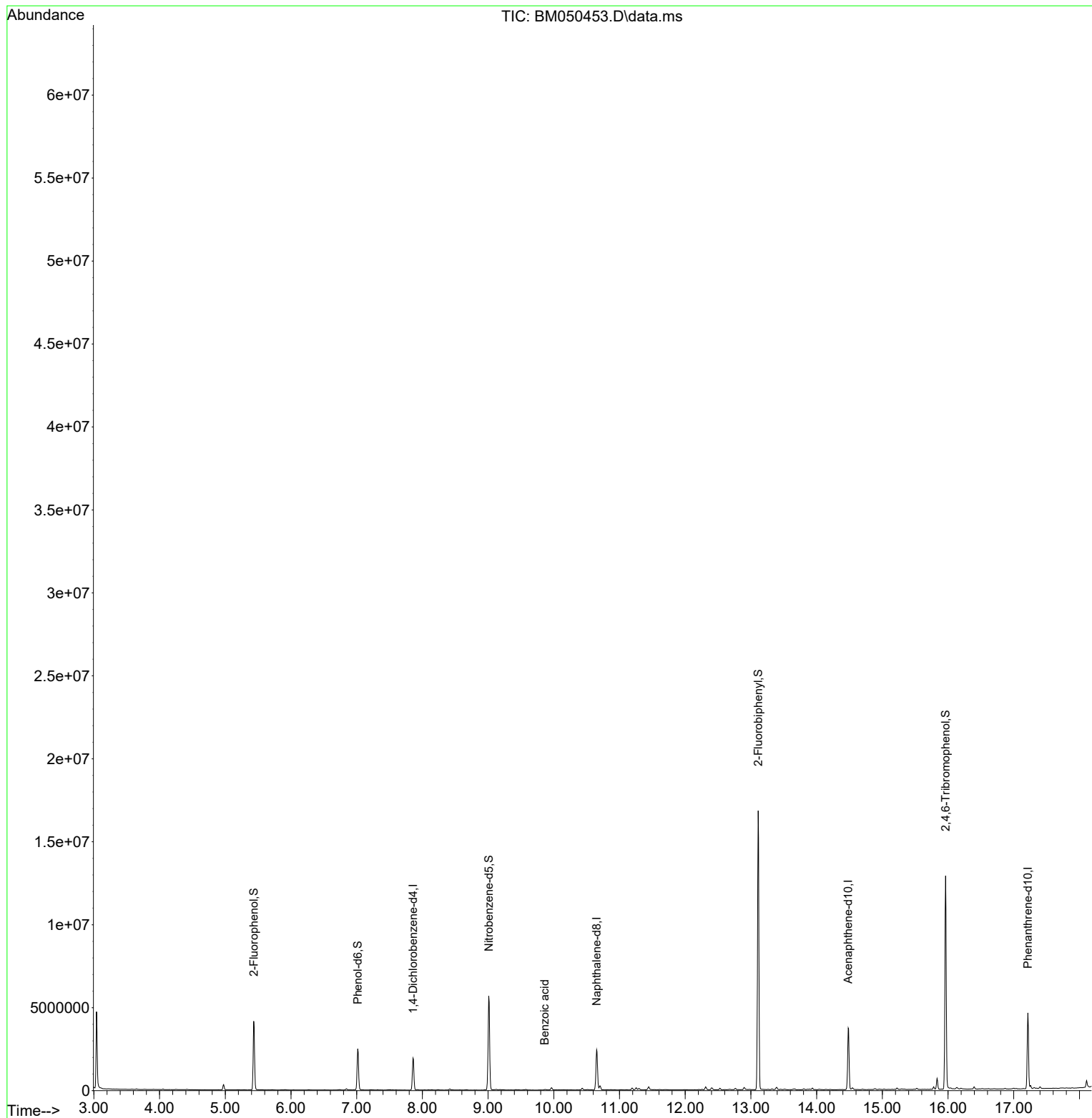
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	547137	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	2071655	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1354730	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2708625	20.000	ng	-0.01
76) Chrysene-d12	21.439	240	2927484	20.000	ng	-0.02
86) Perylene-d12	24.468	264	3178618	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1769560	55.671	ng	0.00
7) Phenol-d6	7.016	99	1366197	34.096	ng	0.00
23) Nitrobenzene-d5	9.010	82	3136104	77.232	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	2586376	157.130	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	8820412	80.404	ng	-0.01
79) Terphenyl-d14	19.827	244	12624538	75.875	ng	-0.02
Target Compounds						
32) Benzoic acid	9.863	122	11749m	6.508	ng	Qvalue
84) Bis(2-ethylhexyl)phtha...	21.345	149	17606941	179.406	ng	# 82

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

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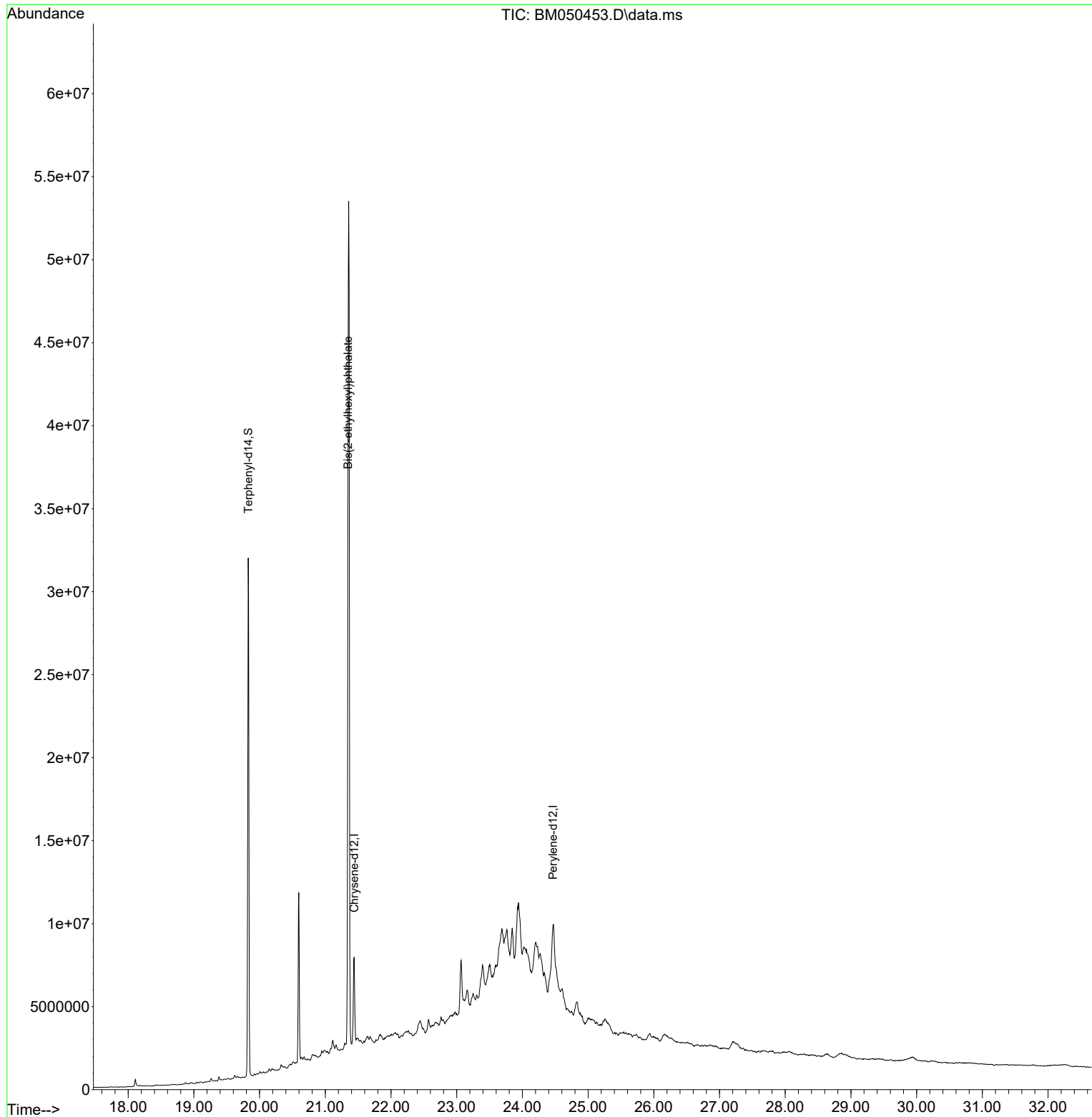
Quant Time: Jul 15 14:59:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

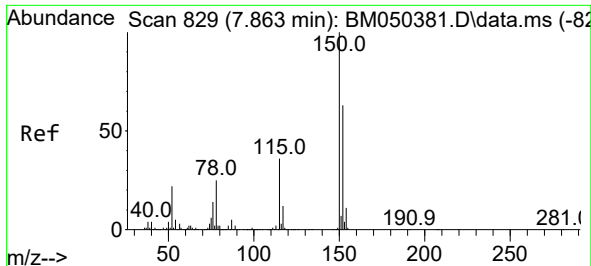


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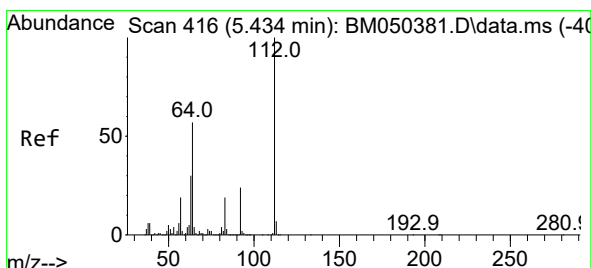
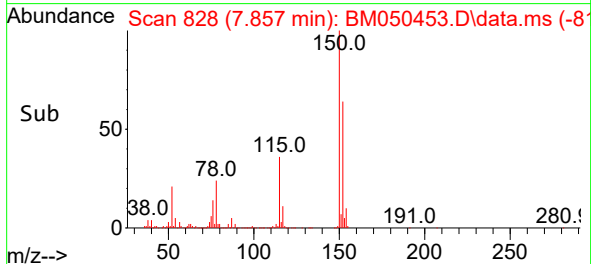
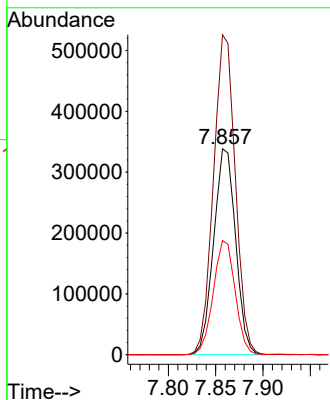
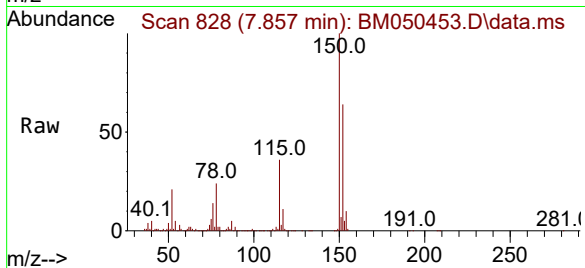




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

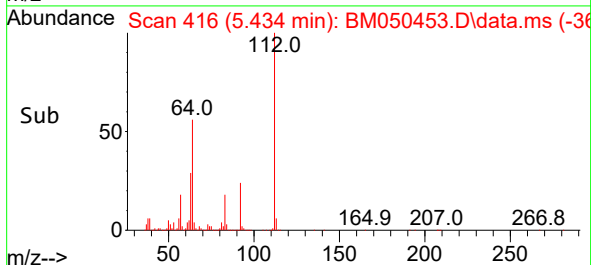
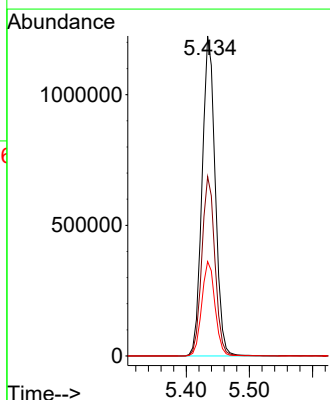
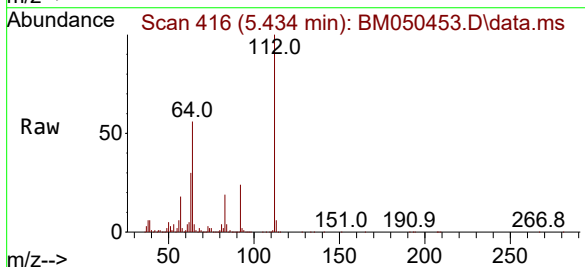
Instrument :
BNA_M
ClientSampleId :
G3(6-12)

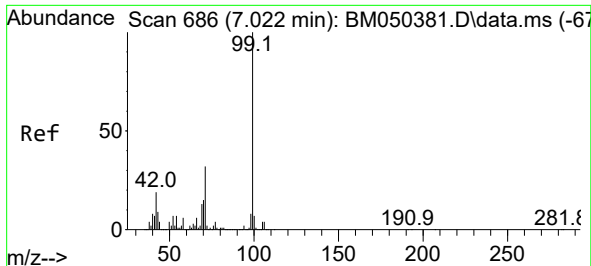
Tgt Ion:152 Resp: 547137
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 55.4 45.8 68.8



#5
2-Fluorophenol
Concen: 55.671 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion:112 Resp: 1769560
Ion Ratio Lower Upper
112 100
64 56.0 45.5 68.3
63 29.5 24.2 36.4

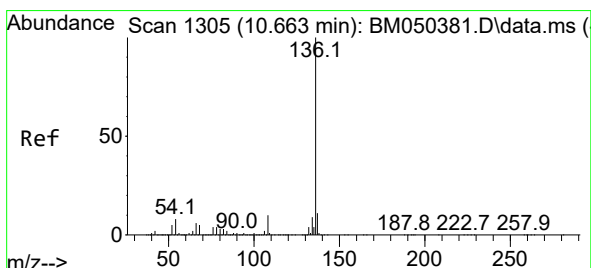
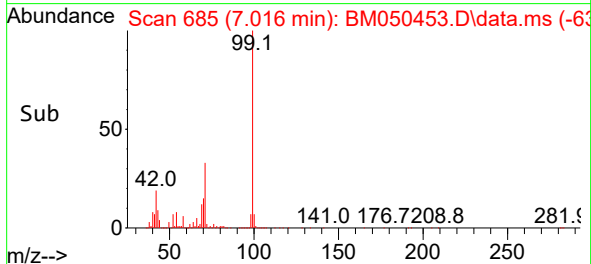
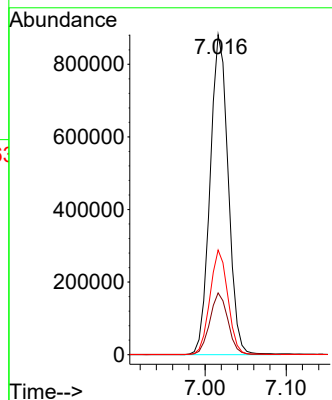
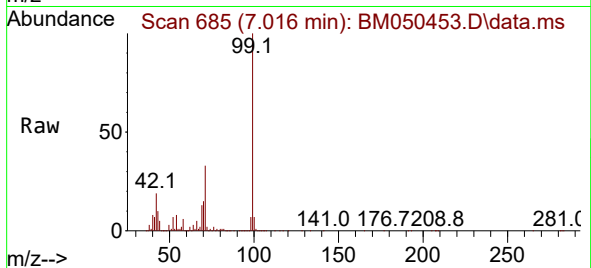




#7
Phenol-d6
Concen: 34.096 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

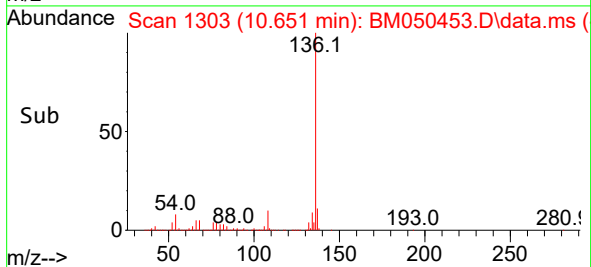
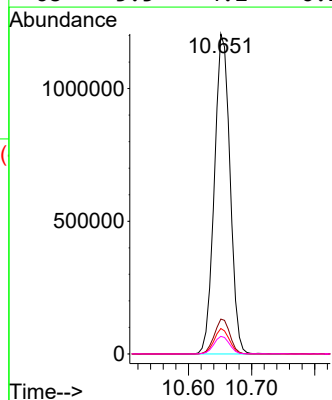
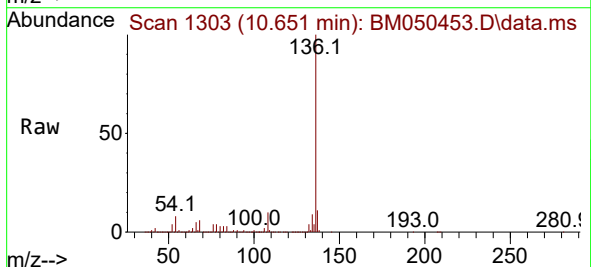
Instrument :
BNA_M
ClientSampleId :
G3(6-12)

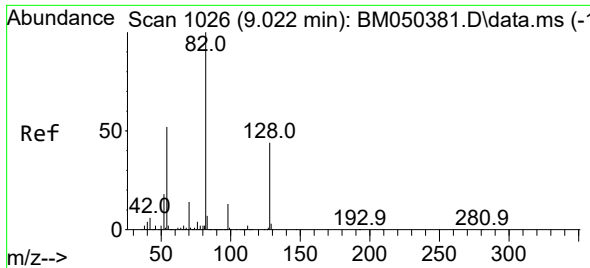
Tgt Ion: 99 Resp: 1366197
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.6
71 32.7 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion: 136 Resp: 2071655
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.9 6.3 9.5
68 5.5 4.2 6.2

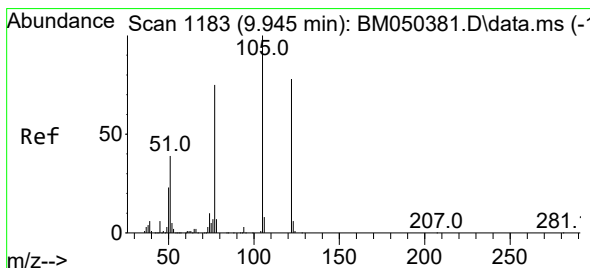
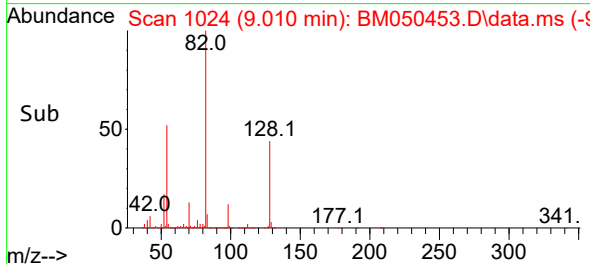
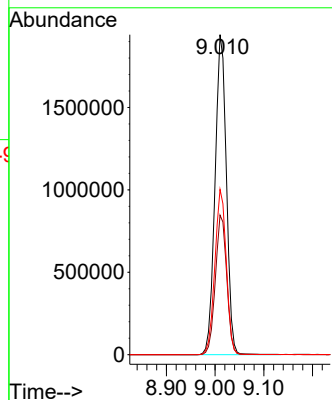
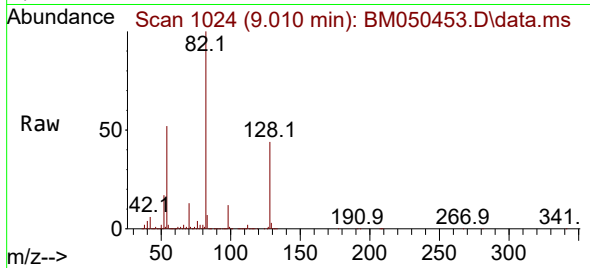




#23
Nitrobenzene-d5
Concen: 77.232 ng
RT: 9.010 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

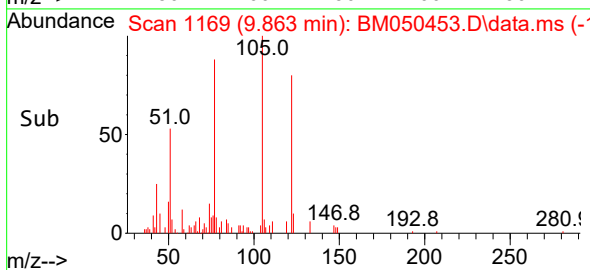
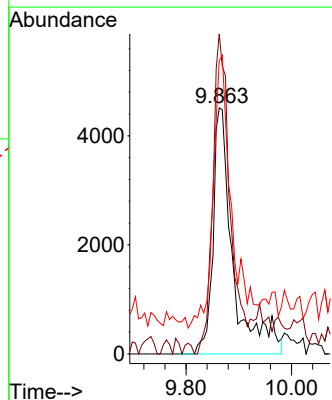
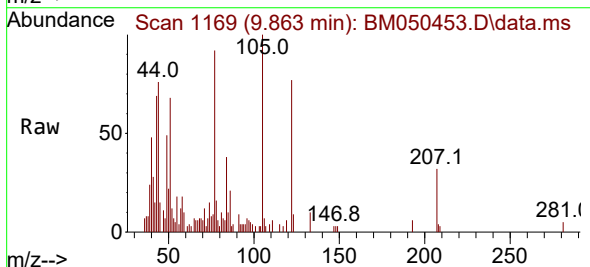
Instrument :
BNA_M
ClientSampleId :
G3(6-12)

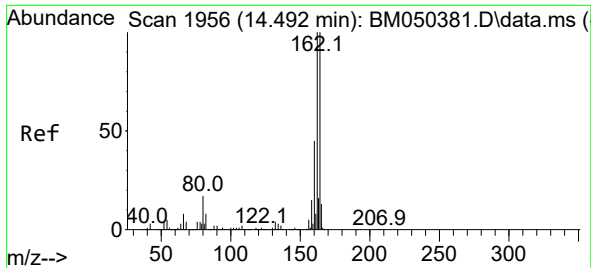
Tgt Ion: 82 Resp: 3136104
Ion Ratio Lower Upper
82 100
128 43.6 35.2 52.8
54 51.6 41.5 62.3



#32
Benzoic acid
Concen: 6.508 ng m
RT: 9.863 min Scan# 1169
Delta R.T. -0.082 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion: 122 Resp: 11749
Ion Ratio Lower Upper
122 100
105 130.1 104.0 144.0
77 119.2 73.8 113.8#

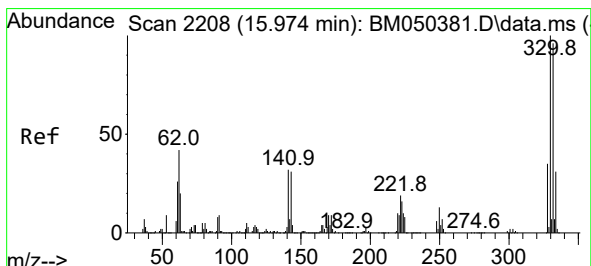
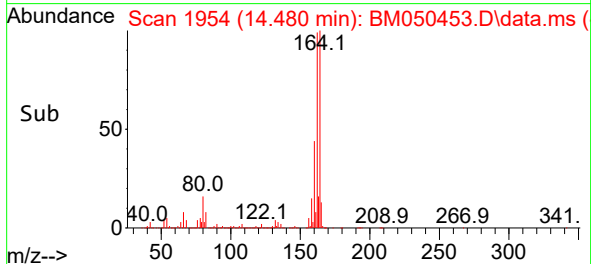
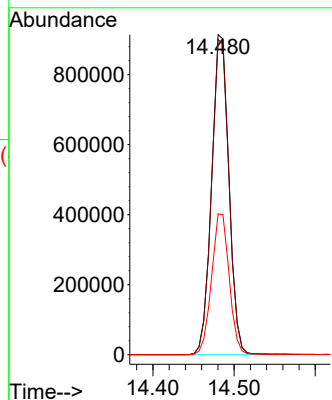
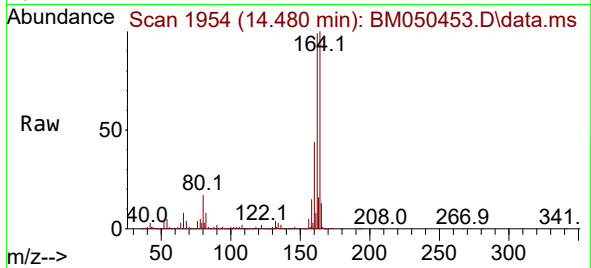




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

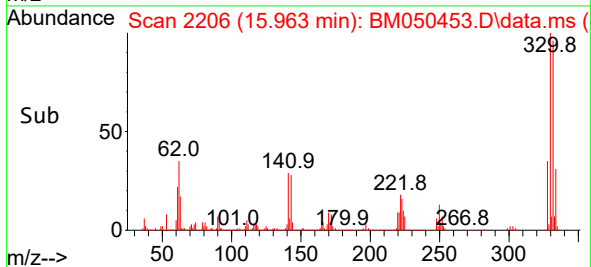
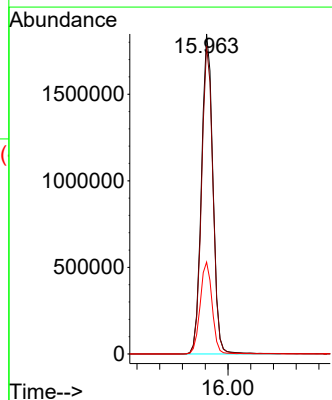
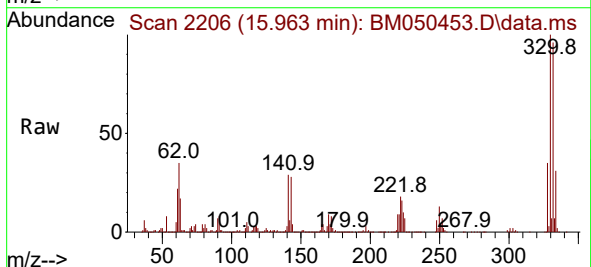
Instrument :
BNA_M
ClientSampleId :
G3(6-12)

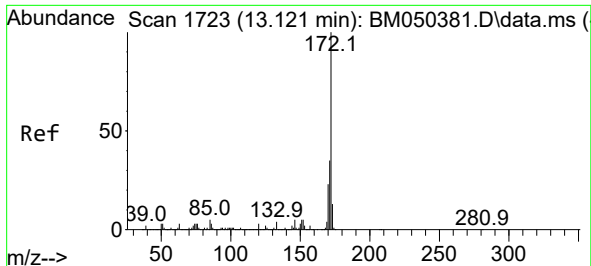
Tgt Ion:164 Resp: 1354730
Ion Ratio Lower Upper
164 100
162 98.5 79.9 119.9
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 157.130 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion:330 Resp: 2586376
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 29.9 27.4 41.0

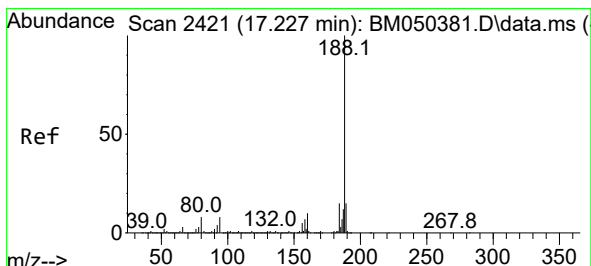
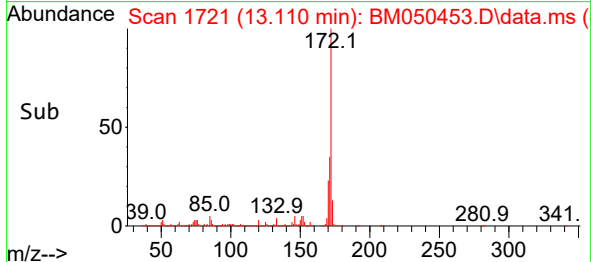
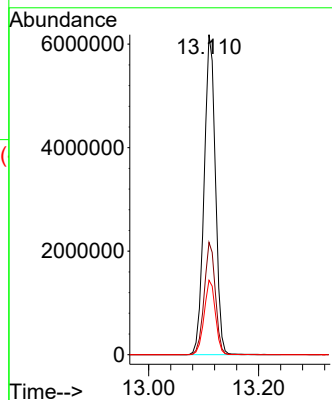
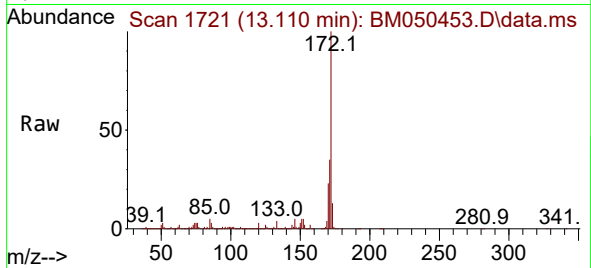




#45
2-Fluorobiphenyl
Concen: 80.404 ng
RT: 13.110 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

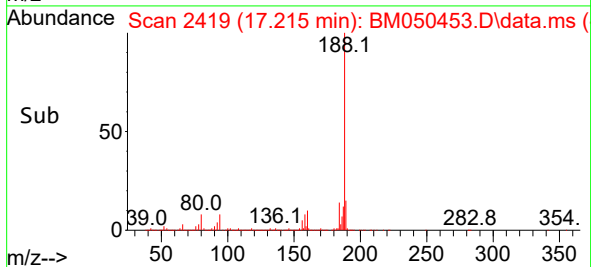
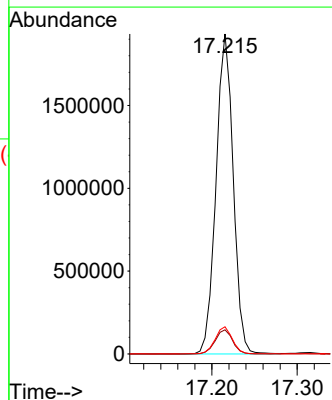
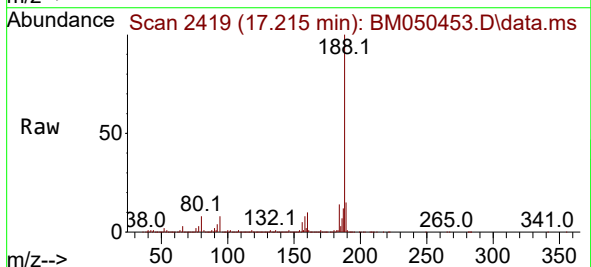
Instrument :
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G3(6-12)

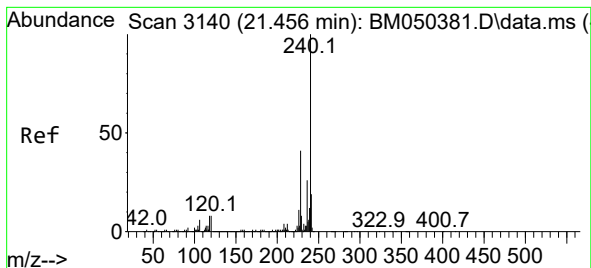
Tgt Ion:172 Resp: 8820412
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.2 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion:188 Resp: 2708625
Ion Ratio Lower Upper
188 100
94 7.6 6.0 9.0
80 8.5 6.5 9.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 31

Delta R.T. -0.018 min

Lab File: BM050453.D

Acq: 15 Jul 2025 13:31

Instrument :

BNA_M

ClientSampleId :

G3(6-12)

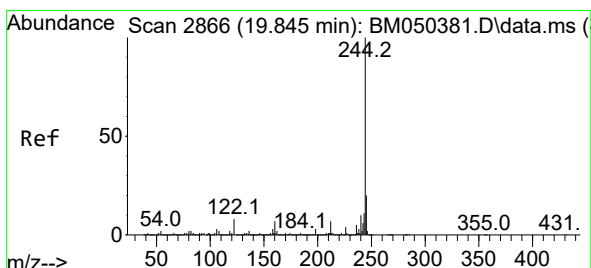
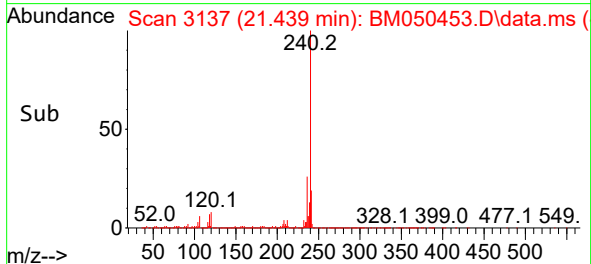
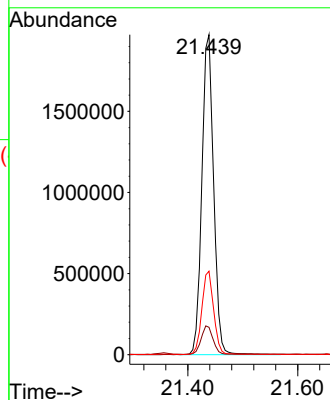
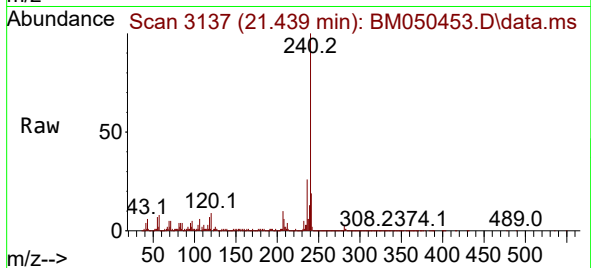
Tgt Ion:240 Resp: 2927484

Ion Ratio Lower Upper

240 100

120 8.6 6.7 10.1

236 26.1 20.7 31.1



#79

Terphenyl-d14

Concen: 75.875 ng

RT: 19.827 min Scan# 2863

Delta R.T. -0.018 min

Lab File: BM050453.D

Acq: 15 Jul 2025 13:31

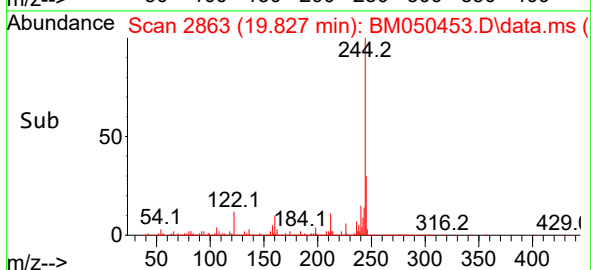
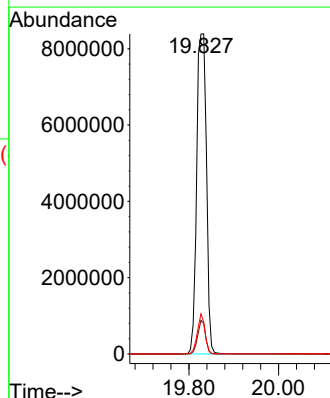
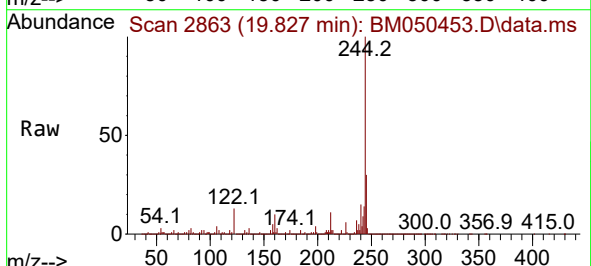
Tgt Ion:244 Resp:12624538

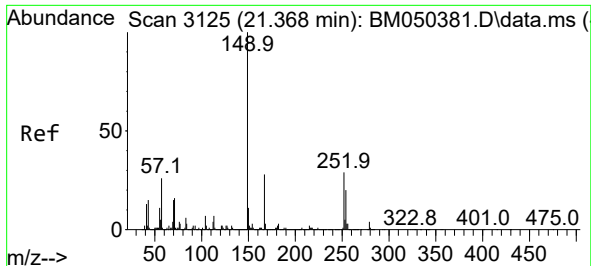
Ion Ratio Lower Upper

244 100

212 10.5 5.7 8.5#

122 12.5 6.2 9.2#

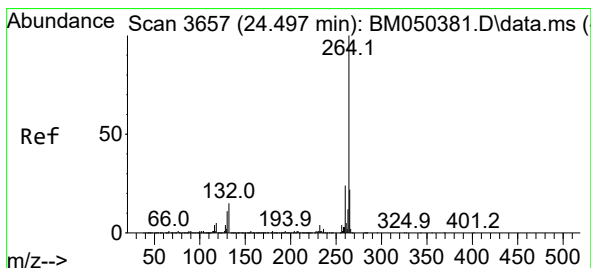
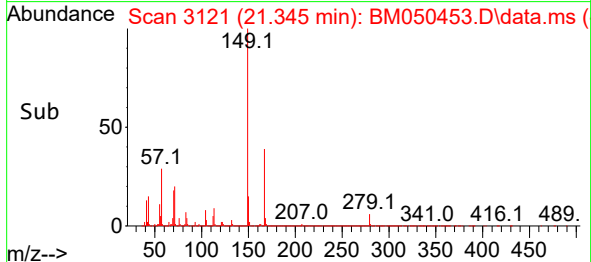
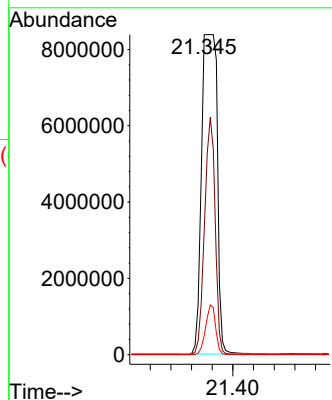
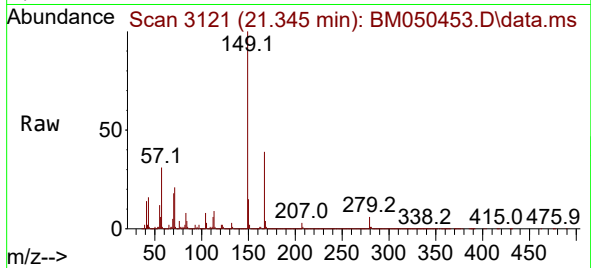




#84
Bis(2-ethylhexyl)phthalate
Concen: 179.406 ng
RT: 21.345 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Instrument :
BNA_M
ClientSampleId :
G3(6-12)

Tgt Ion:149 Resp:17606941
Ion Ratio Lower Upper
149 100
167 38.7 22.7 34.1#
279 6.0 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 3652
Delta R.T. -0.029 min
Lab File: BM050453.D
Acq: 15 Jul 2025 13:31

Tgt Ion:264 Resp: 3178618
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.0 17.8 26.6

