

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071525\
 Data File : BM050457.D
 Acq On : 15 Jul 2025 16:11
 Operator : RC/JU
 Sample : Q2489-04DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G3(6-12)DL

Quant Time: Jul 15 16:49:34 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)

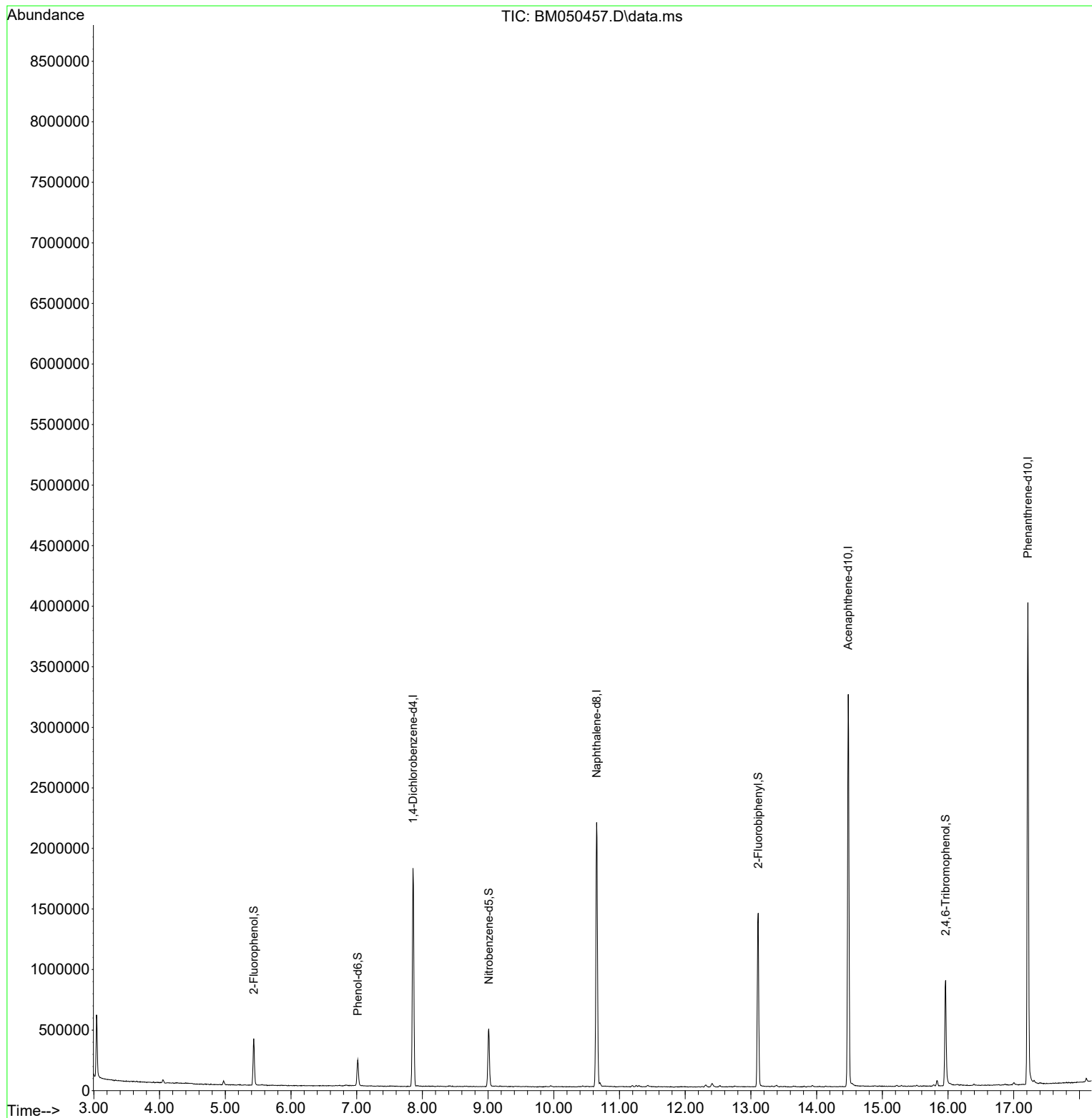
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	513226	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	1868972	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	1192981	20.000	ng	-0.01
64) Phenanthrene-d10	17.215	188	2410807	20.000	ng	-0.01
76) Chrysene-d12	21.433	240	2705442	20.000	ng	-0.02
86) Perylene-d12	24.462	264	3056124	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	167518	5.618	ng	0.00
7) Phenol-d6	7.016	99	121079	3.221	ng	0.00
23) Nitrobenzene-d5	9.010	82	267976	7.315	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	184931	12.758	ng	-0.01
45) 2-Fluorobiphenyl	13.110	172	787192	8.149	ng	-0.01
79) Terphenyl-d14	19.827	244	1281629	8.335	ng	-0.02
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.350	149	2675275	29.497	ng	Qvalue 98

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

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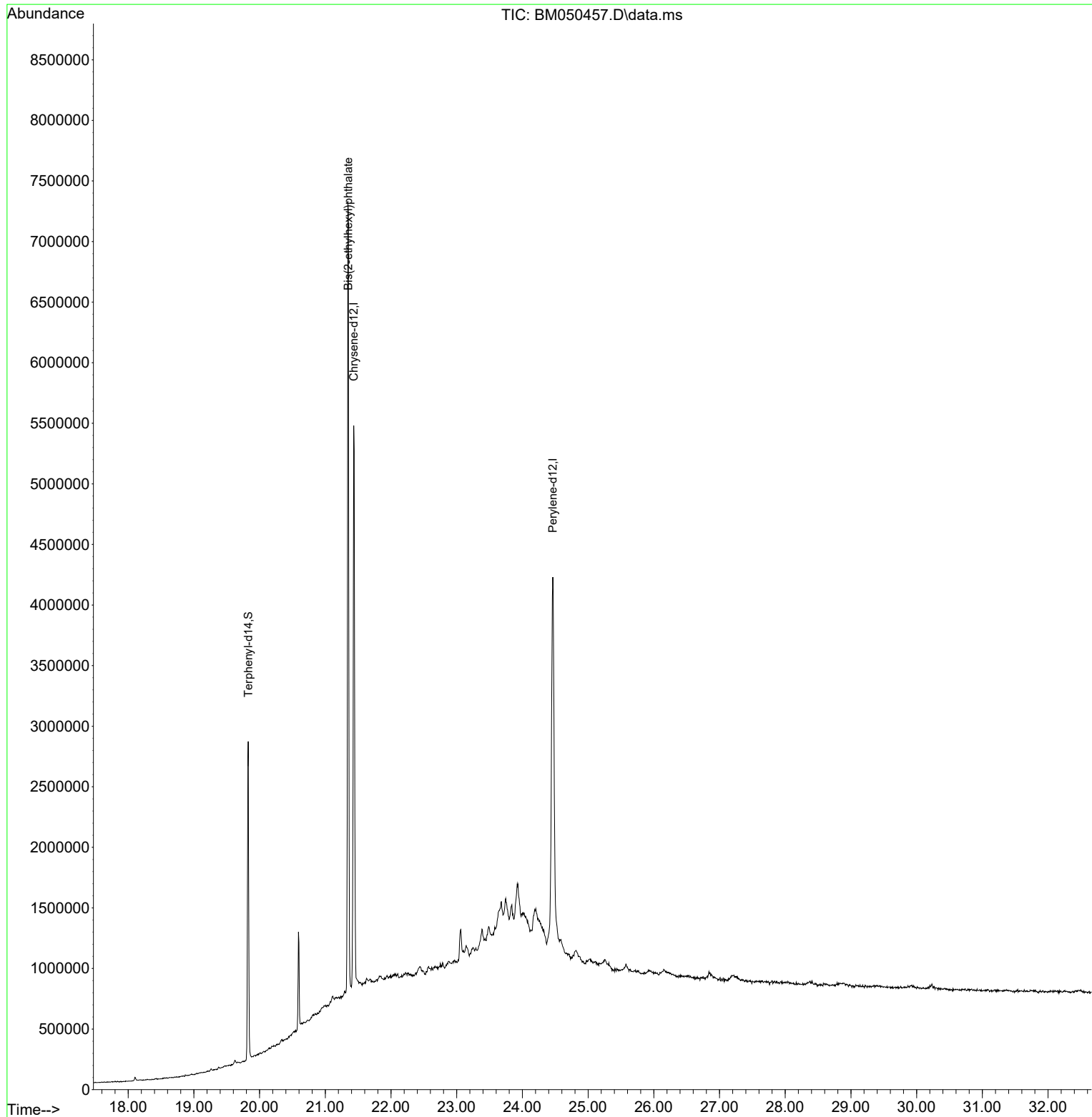
Quant Time: Jul 15 16:49:34 2025
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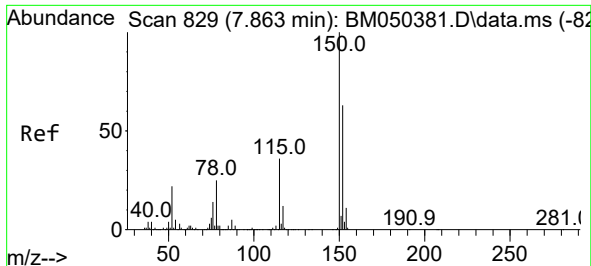


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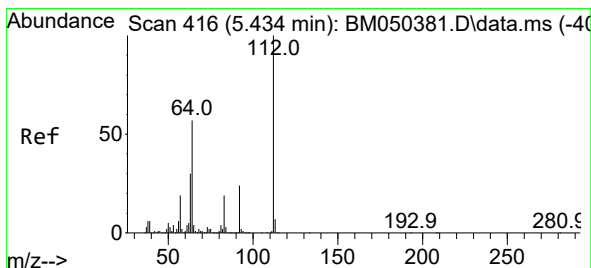
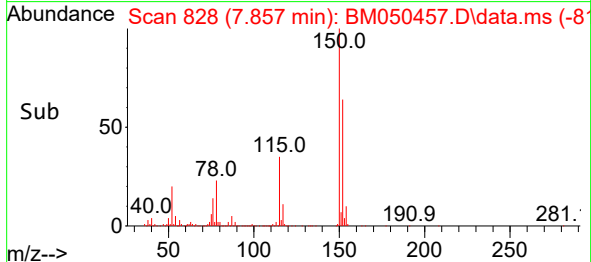
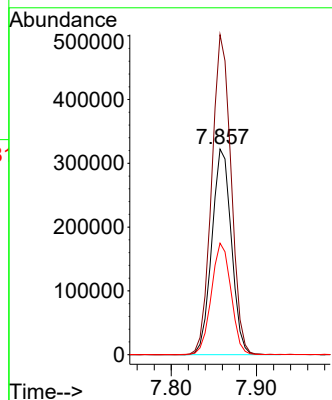
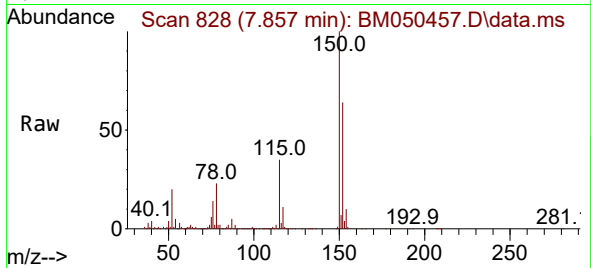




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.857 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM050457.D
 Acq: 15 Jul 2025 16:11

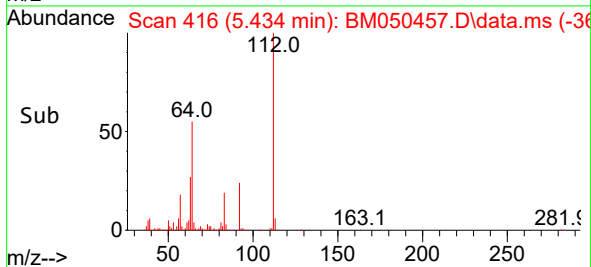
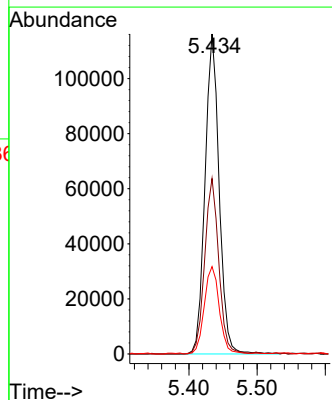
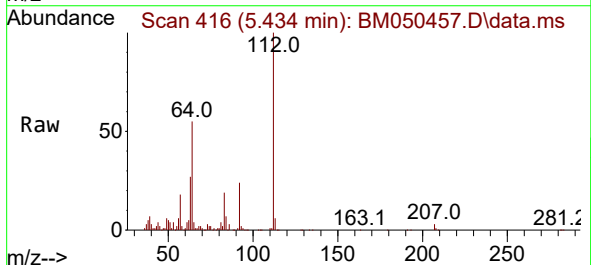
Instrument :
 BNA_M
 ClientSampleId :
 G3(6-12)DL

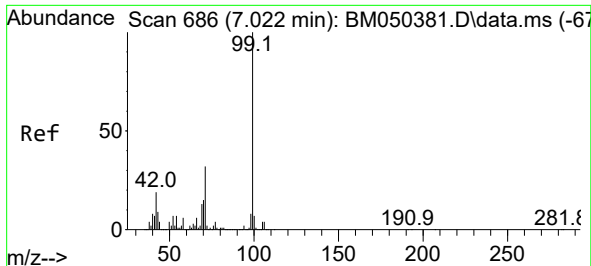
Tgt Ion:152 Resp: 513226
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.4
 115 54.3 45.8 68.8



#5
 2-Fluorophenol
 Concen: 5.618 ng
 RT: 5.434 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: BM050457.D
 Acq: 15 Jul 2025 16:11

Tgt Ion:112 Resp: 167518
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.5 68.3
 63 27.3 24.2 36.4

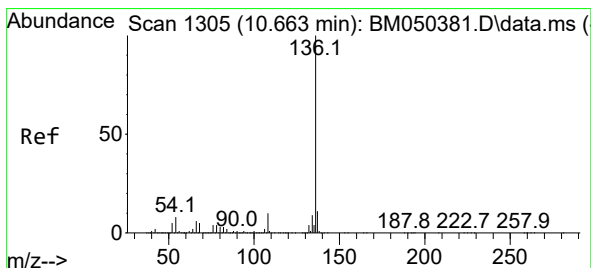
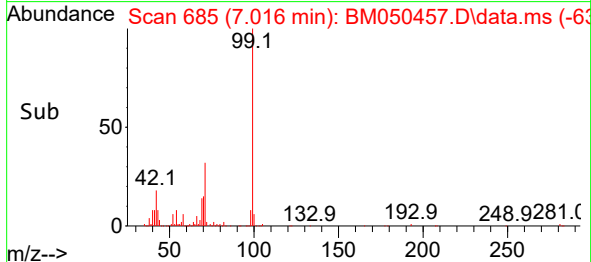
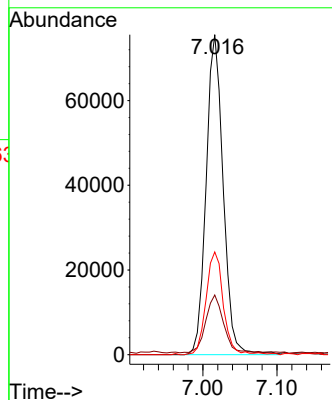
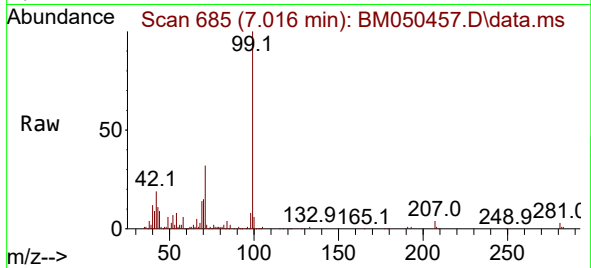




#7
Phenol-d6
Concen: 3.221 ng
RT: 7.016 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

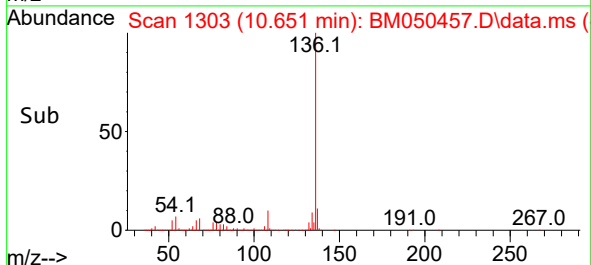
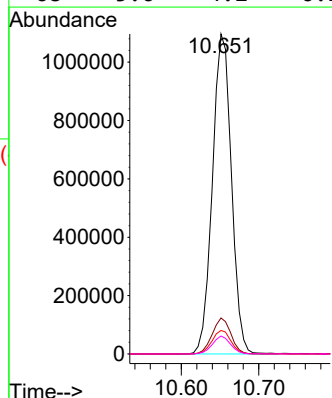
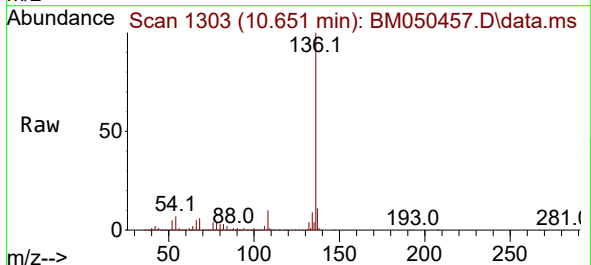
Instrument :
BNA_M
ClientSampleId :
G3(6-12)DL

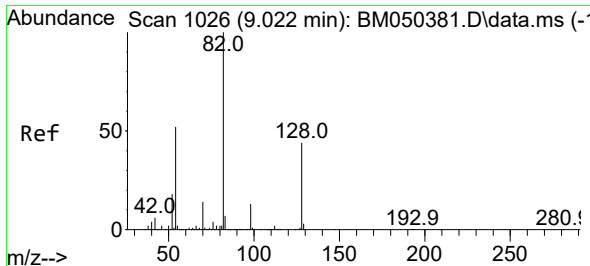
Tgt Ion: 99 Resp: 121079
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.6
71 32.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

Tgt Ion: 136 Resp: 1868972
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.4 6.3 9.5
68 5.6 4.2 6.2

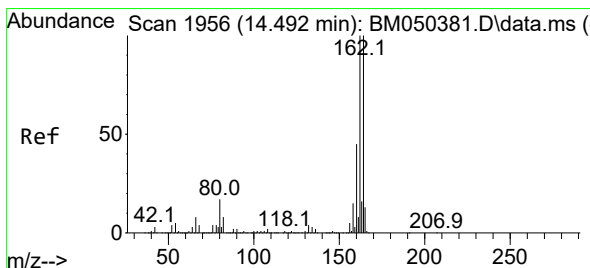
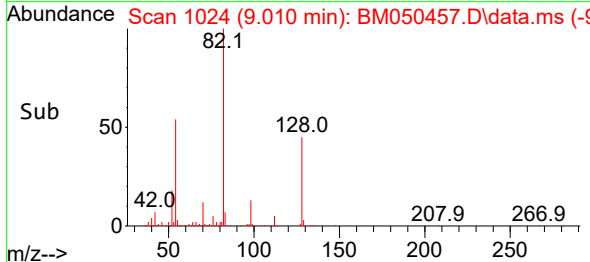
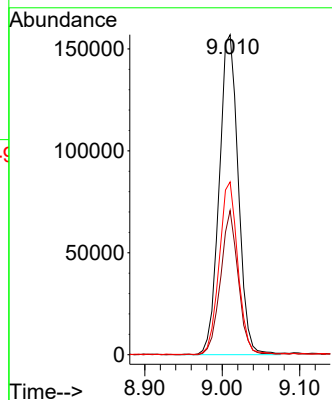
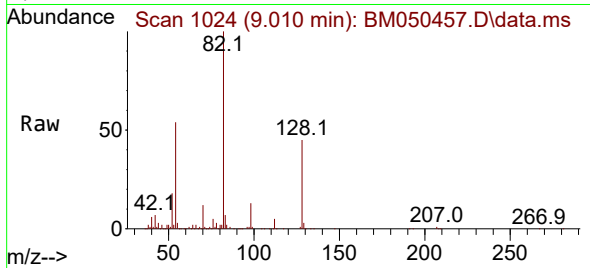




#23
Nitrobenzene-d5
Concen: 7.315 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

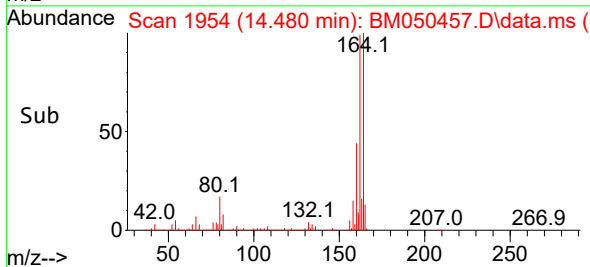
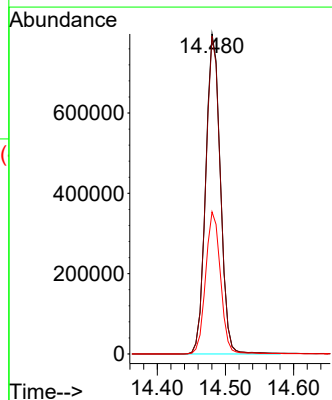
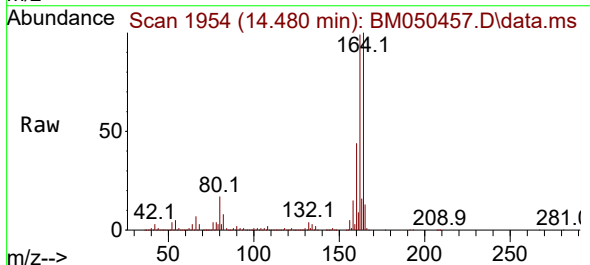
Instrument :
BNA_M
ClientSampleId :
G3(6-12)DL

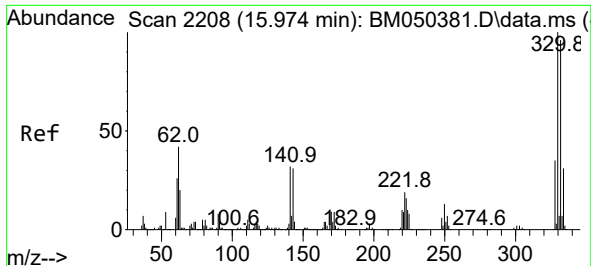
Tgt Ion: 82 Resp: 267976
Ion Ratio Lower Upper
82 100
128 45.1 35.2 52.8
54 54.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1954
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

Tgt Ion: 164 Resp: 1192981
Ion Ratio Lower Upper
164 100
162 99.4 79.9 119.9
160 44.4 36.2 54.4

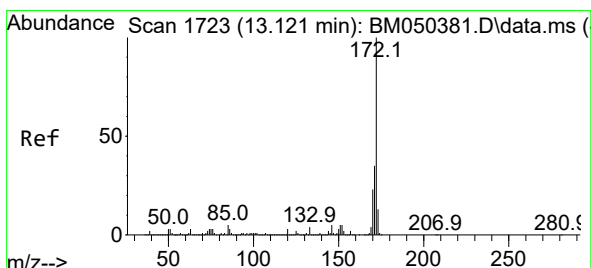
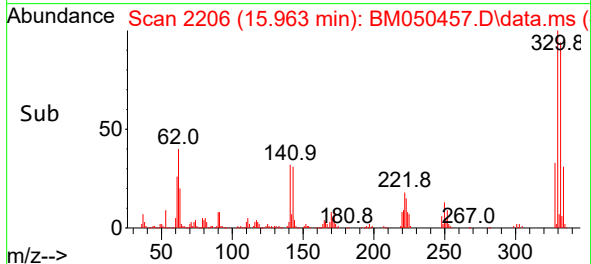
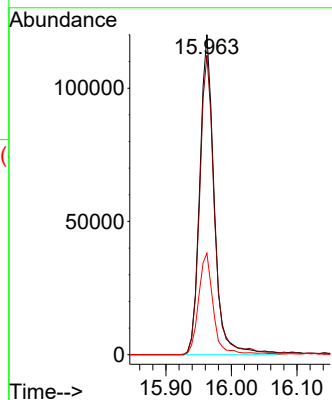
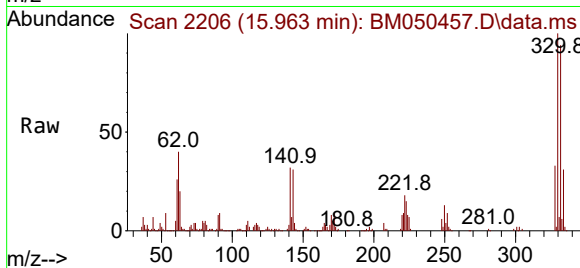




#42
2,4,6-Tribromophenol
Concen: 12.758 ng
RT: 15.963 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

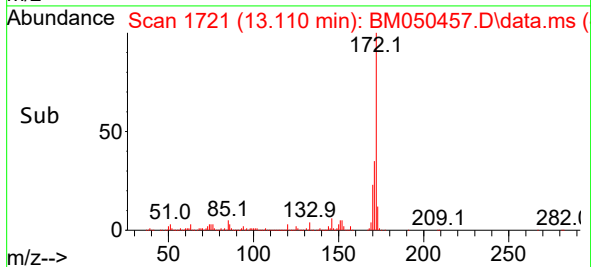
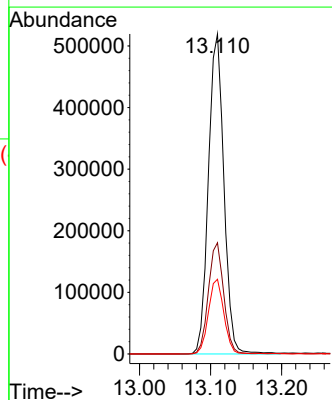
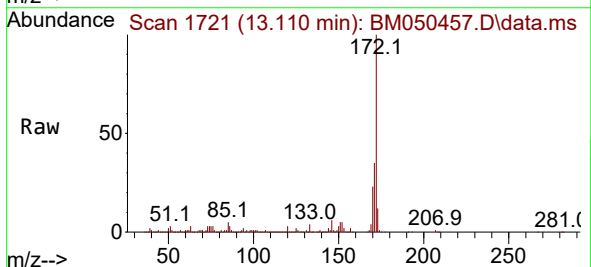
Instrument :
BNA_M
ClientSampleId :
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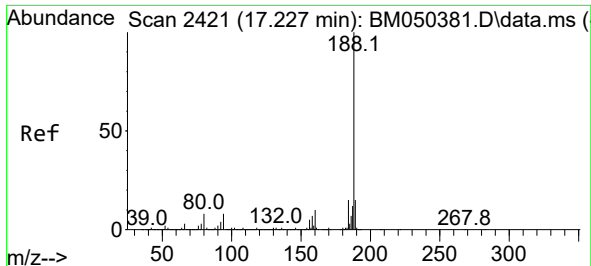
Tgt Ion:330 Resp: 184931
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 32.6 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 8.149 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

Tgt Ion:172 Resp: 787192
Ion Ratio Lower Upper
172 100
171 34.8 27.7 41.5
170 23.4 18.8 28.2

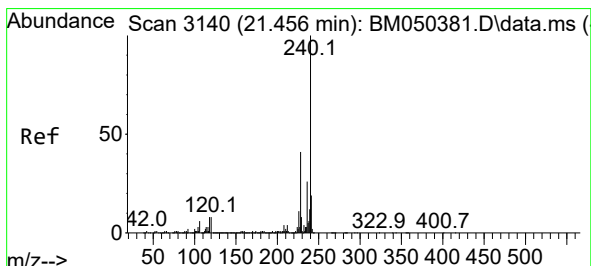
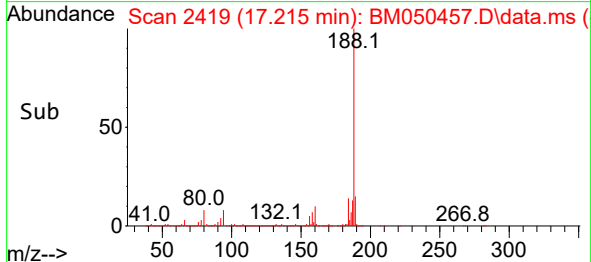
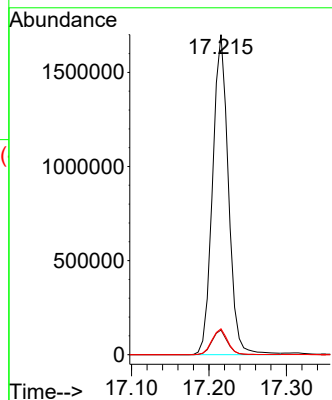
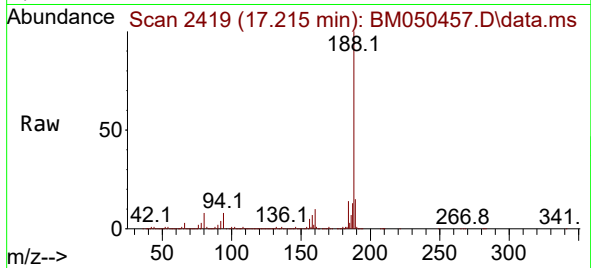




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

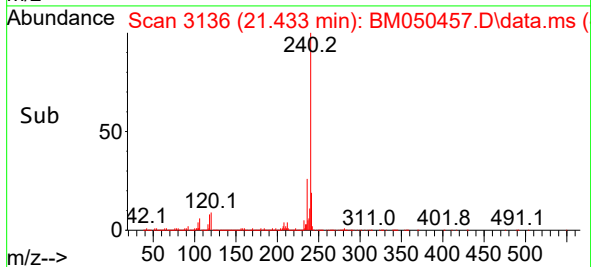
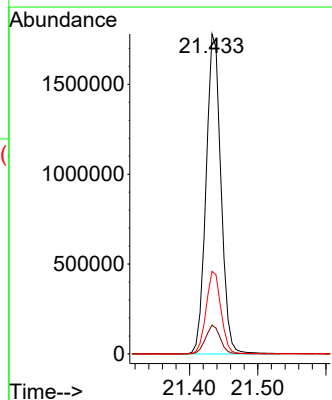
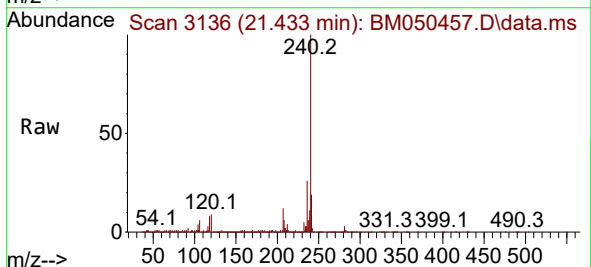
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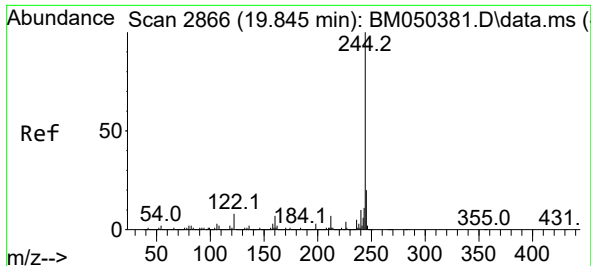
Tgt Ion:188 Resp: 2410807
Ion Ratio Lower Upper
188 100
94 7.7 6.0 9.0
80 8.1 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

Tgt Ion:240 Resp: 2705442
Ion Ratio Lower Upper
240 100
120 9.0 6.7 10.1
236 25.8 20.7 31.1

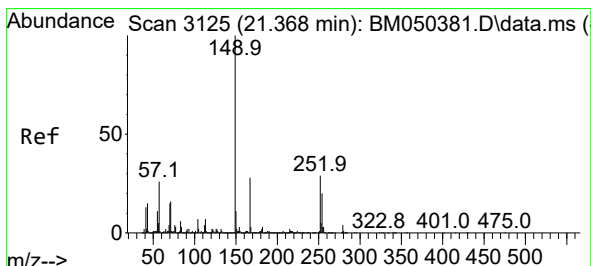
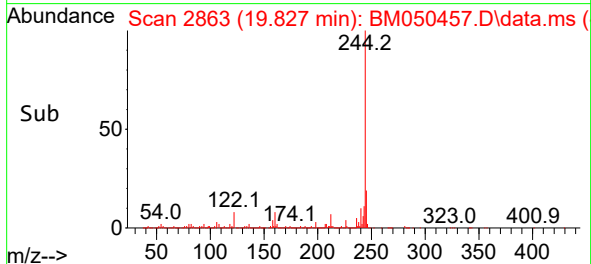
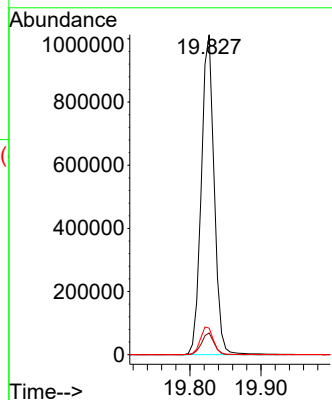
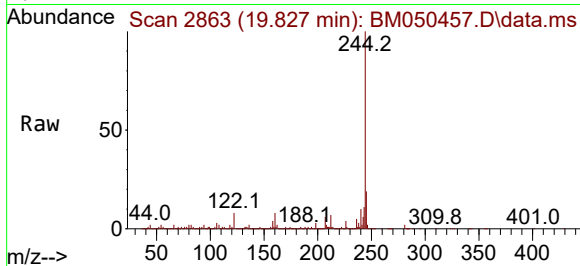




#79
 Terphenyl-d14
 Concen: 8.335 ng
 RT: 19.827 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050457.D
 Acq: 15 Jul 2025 16:11

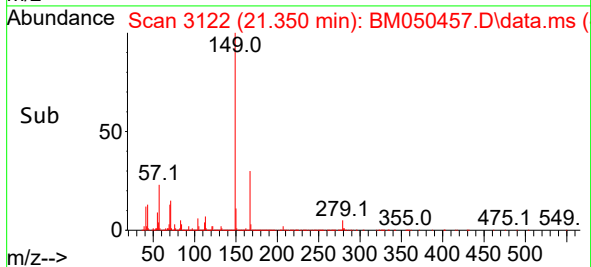
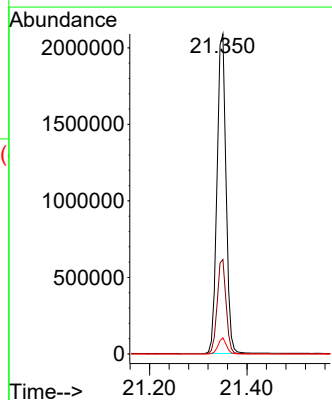
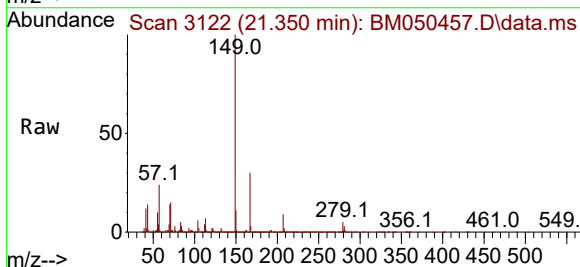
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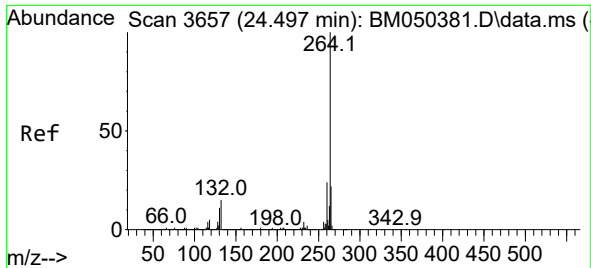
Tgt Ion:244 Resp: 1281629
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 8.3 6.2 9.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.497 ng
 RT: 21.350 min Scan# 3122
 Delta R.T. -0.018 min
 Lab File: BM050457.D
 Acq: 15 Jul 2025 16:11

Tgt Ion:149 Resp: 2675275
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.7 34.1
 279 5.0 3.5 5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 30
Delta R.T. -0.035 min
Lab File: BM050457.D
Acq: 15 Jul 2025 16:11

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 3056124

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.8	26.6

