

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050057.D
 Acq On : 30 Apr 2025 23:15
 Operator : RC/JU
 Sample : Q1883-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-PCS-TC-32-042325

Quant Time: May 01 02:20:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	255652	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	890304	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	608919	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1189552	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1147888	20.000	ng	0.00
86) Perylene-d12	24.391	264	1234593	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	1234036	84.525	ng	0.00
7) Phenol-d6	6.946	99	1568331	85.468	ng	0.00
23) Nitrobenzene-d5	8.922	82	941783	52.126	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	757675	84.152	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2623880	50.976	ng	0.00
79) Terphenyl-d14	19.774	244	4572533	58.944	ng	0.00

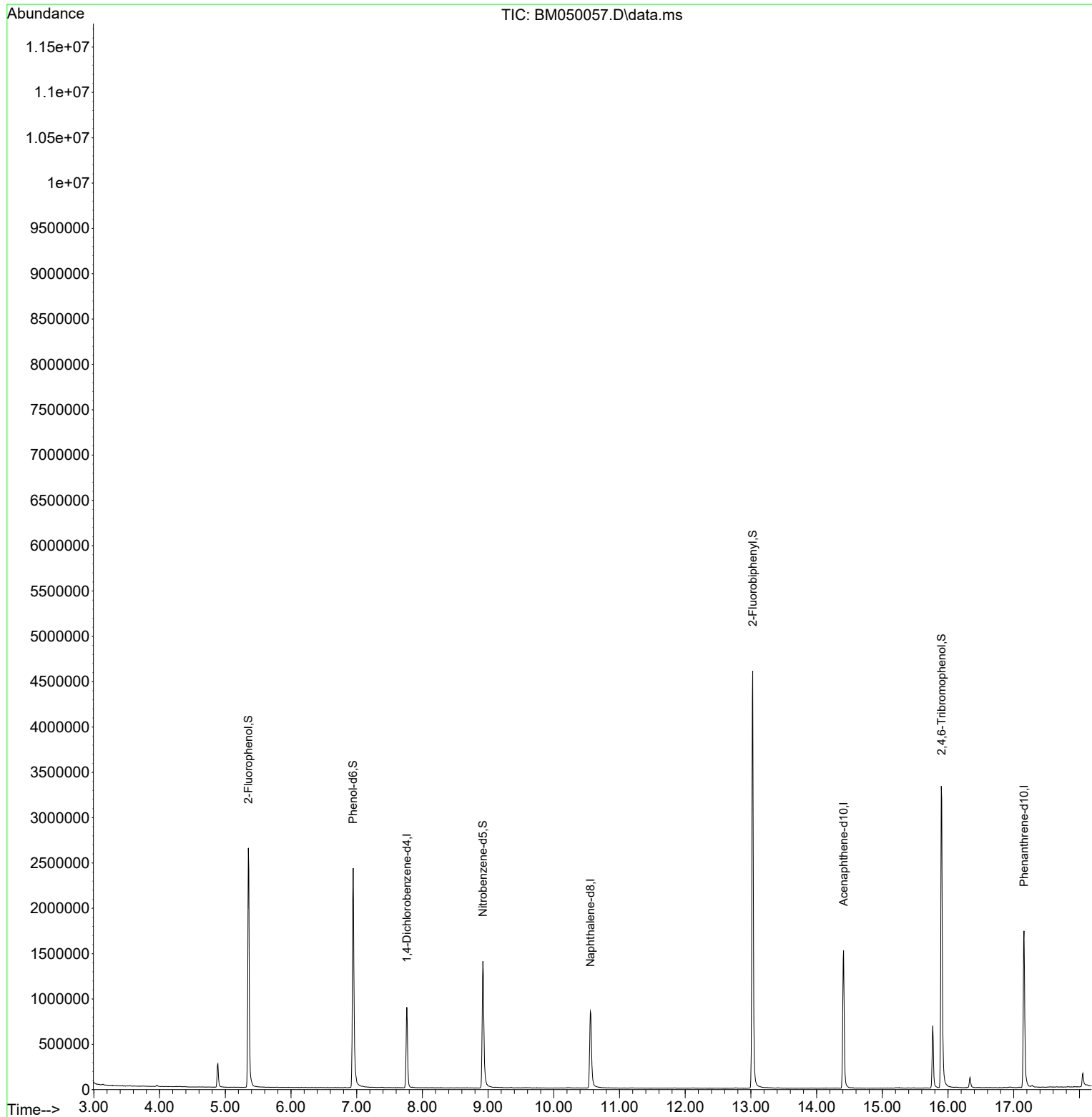
Target Compounds	Qvalue

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

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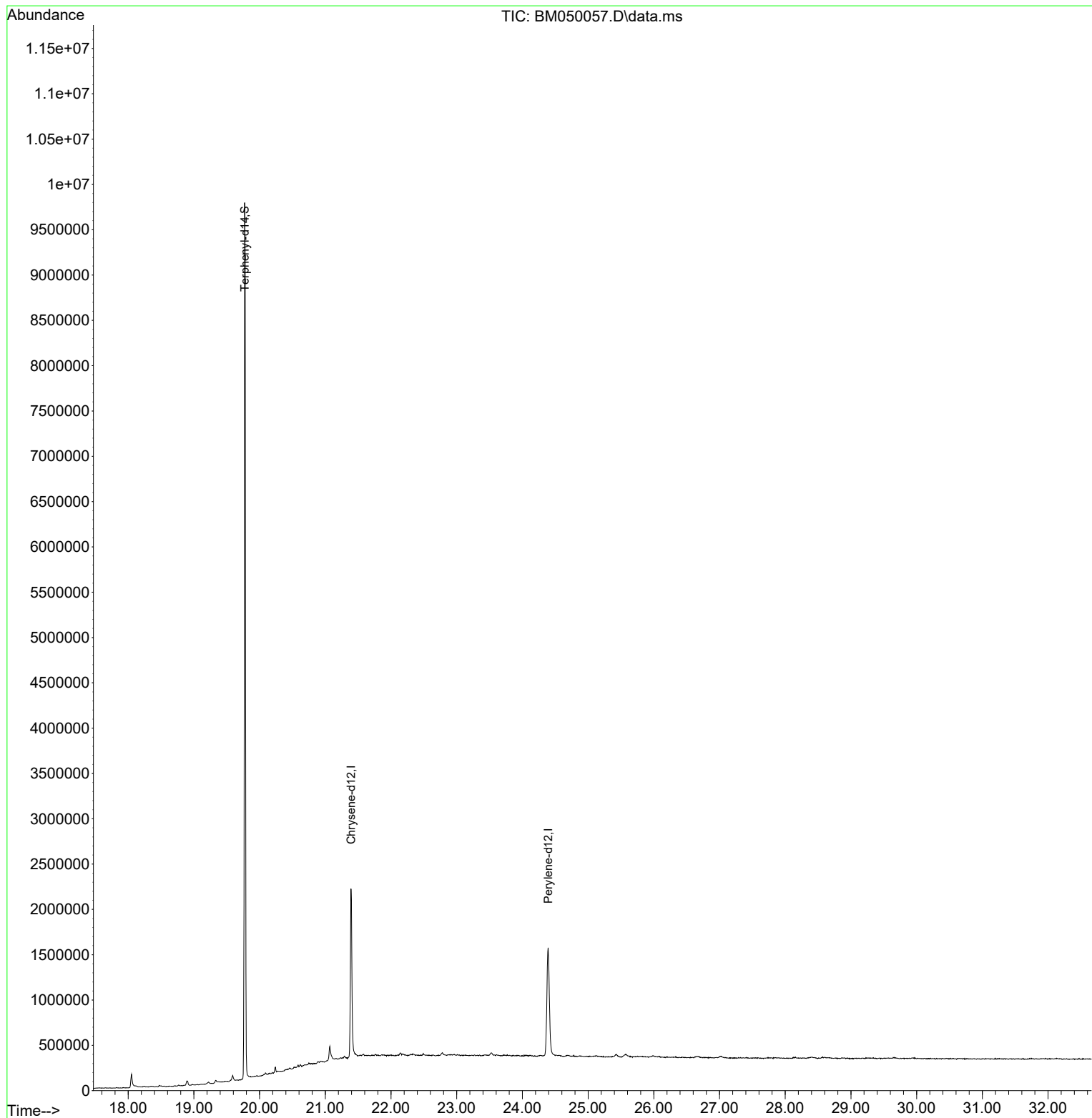
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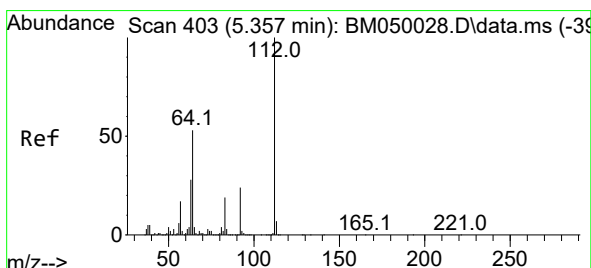
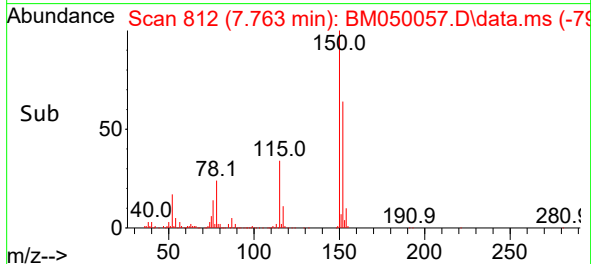
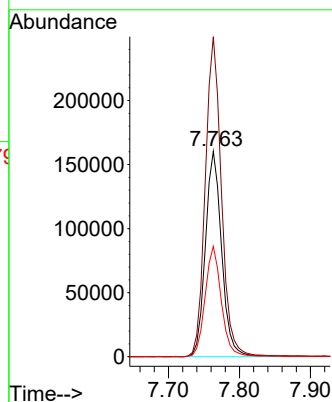
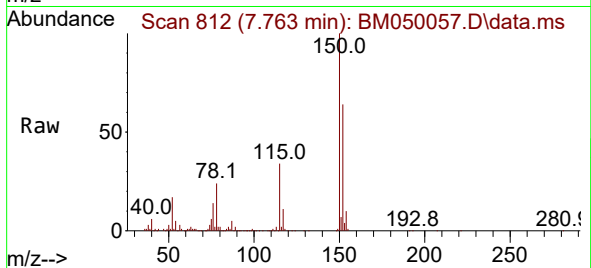




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

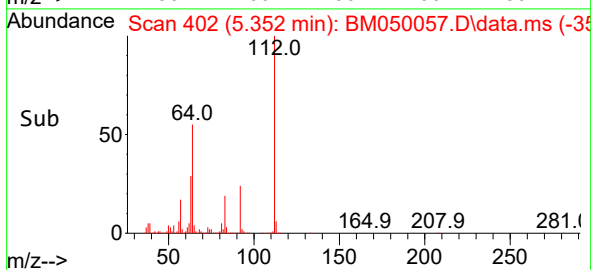
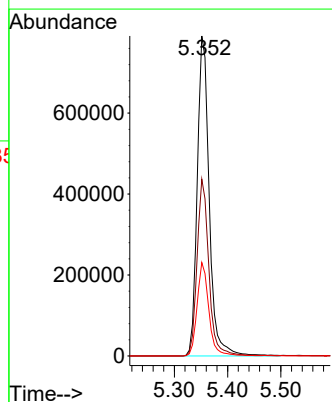
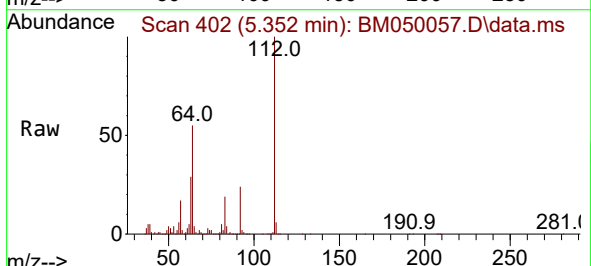
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-32-042325

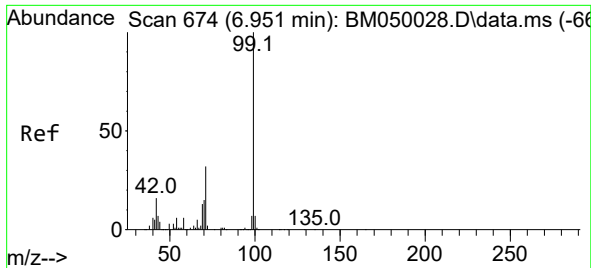
Tgt Ion:152 Resp: 255652
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 53.7 41.2 61.8



#5
2-Fluorophenol
Concen: 84.525 ng
RT: 5.352 min Scan# 402
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

Tgt Ion:112 Resp: 1234036
Ion Ratio Lower Upper
112 100
64 55.3 42.6 64.0
63 29.2 22.2 33.4

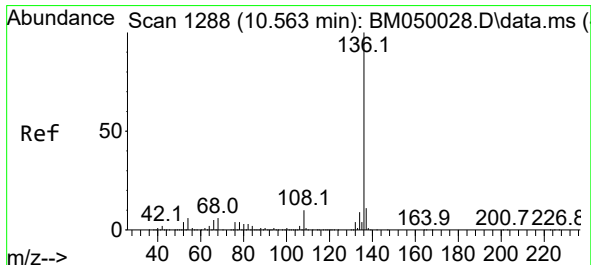
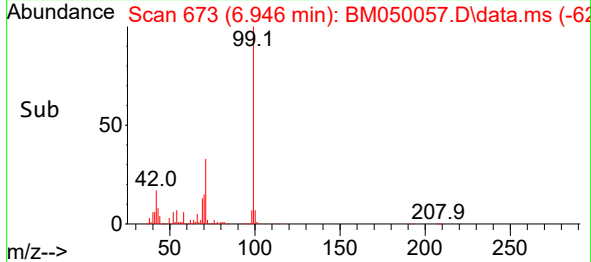
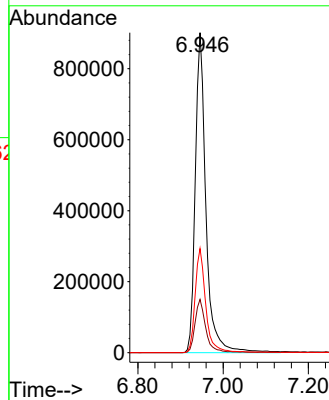
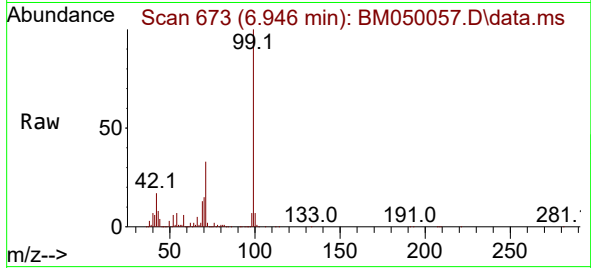




#7
Phenol-d6
Concen: 85.468 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

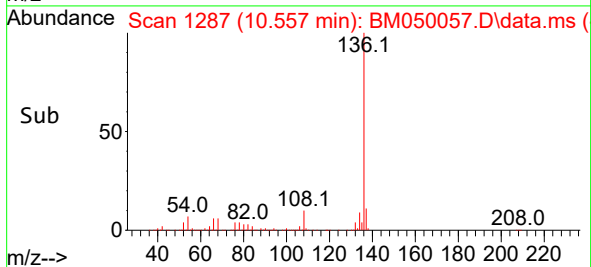
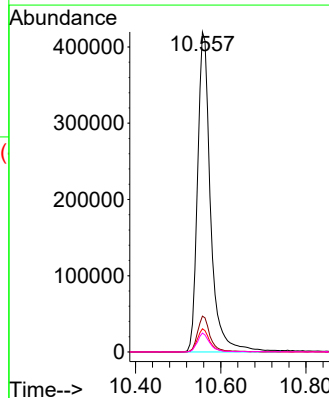
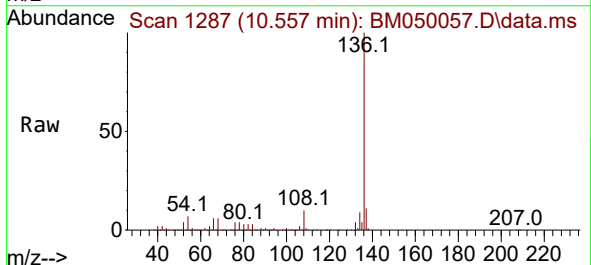
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-32-042325

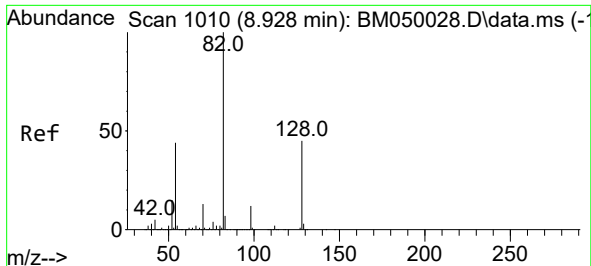
Tgt Ion: 99 Resp: 1568331
Ion Ratio Lower Upper
99 100
42 16.7 13.0 19.4
71 32.6 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

Tgt Ion: 136 Resp: 890304
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.3 5.1 7.7
68 5.9 4.4 6.6

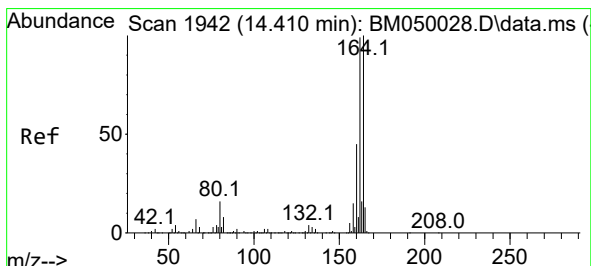
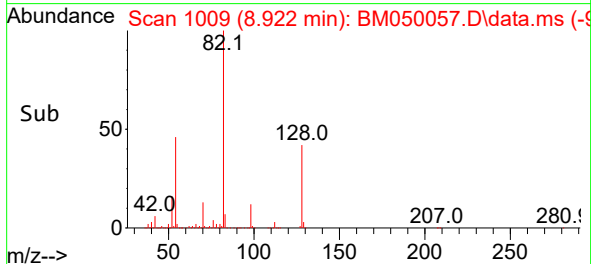
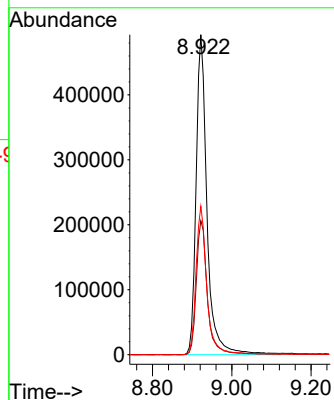
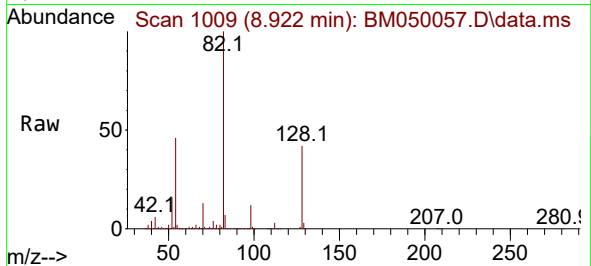




#23
Nitrobenzene-d5
Concen: 52.126 ng
RT: 8.922 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

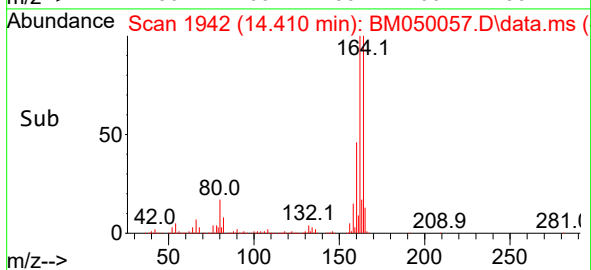
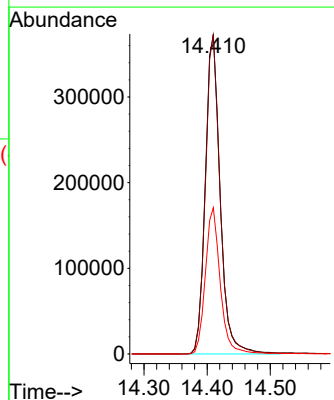
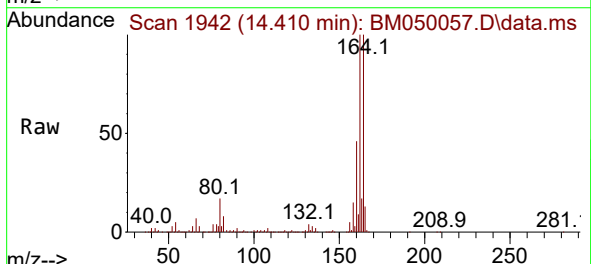
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-32-042325

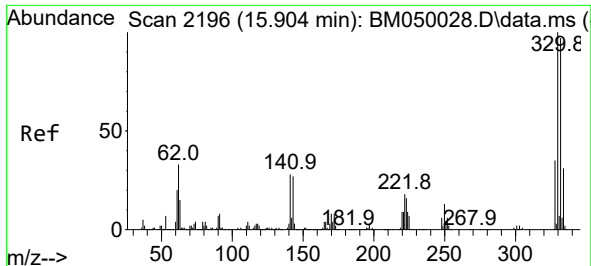
Tgt Ion: 82 Resp: 941783
Ion Ratio Lower Upper
82 100
128 41.9 35.7 53.5
54 46.3 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

Tgt Ion:164 Resp: 608919
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 45.9 36.2 54.4

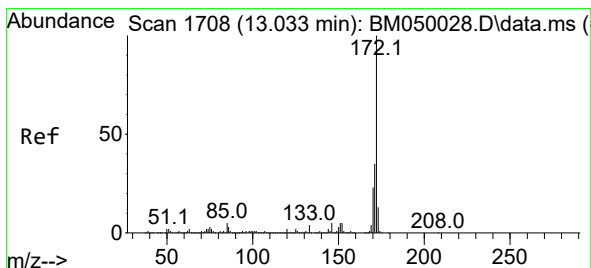
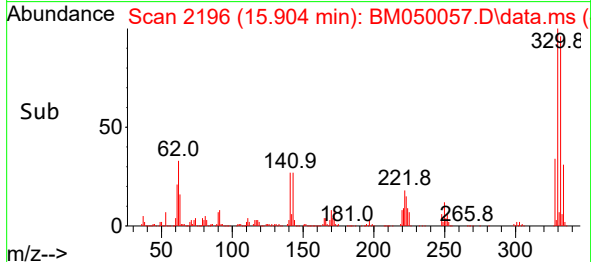
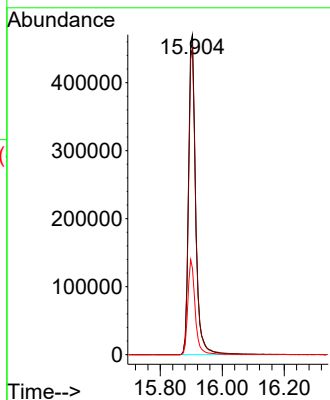
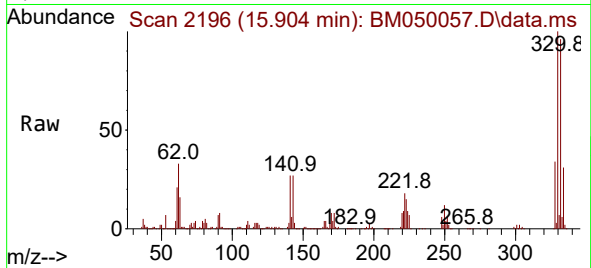




#42
2,4,6-Tribromophenol
Concen: 84.152 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

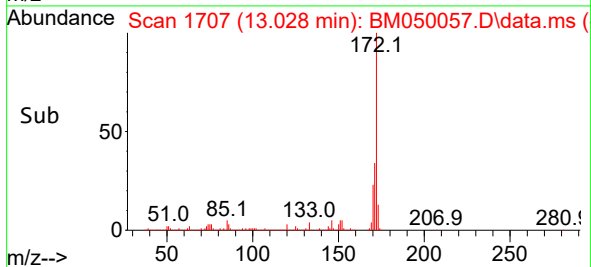
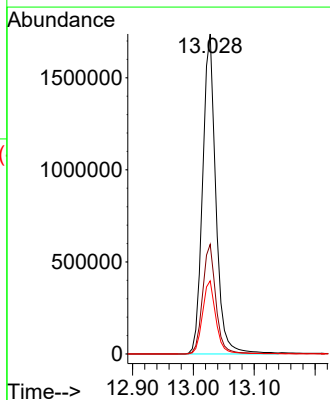
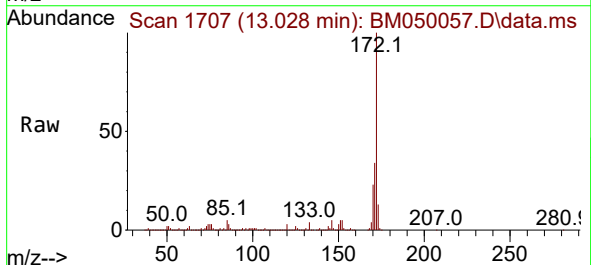
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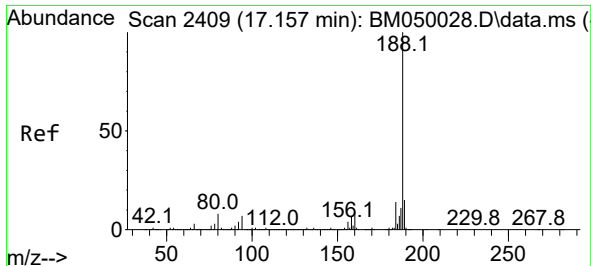
Tgt Ion:330 Resp: 757675
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 30.4 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 50.976 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

Tgt Ion:172 Resp: 2623880
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 22.9 18.6 28.0

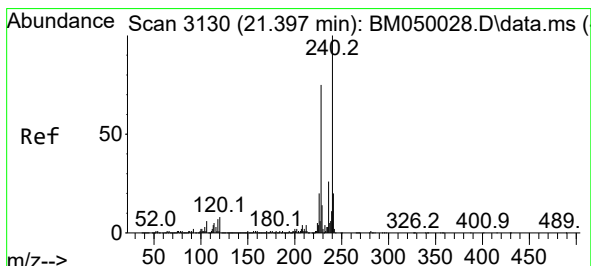
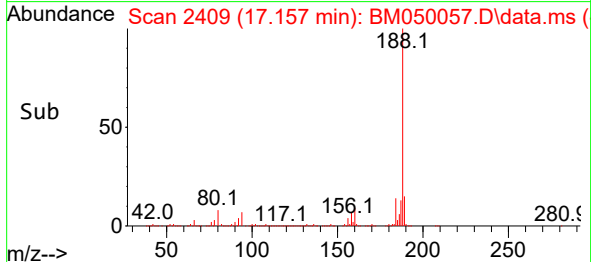
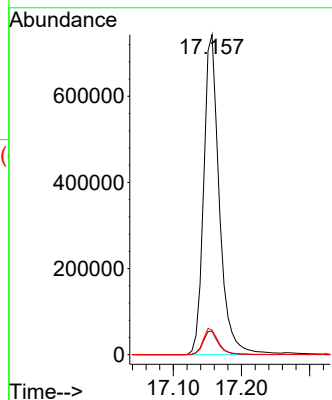
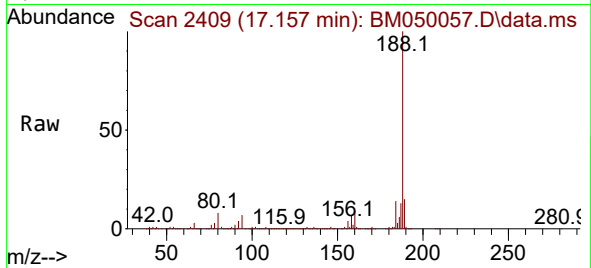




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

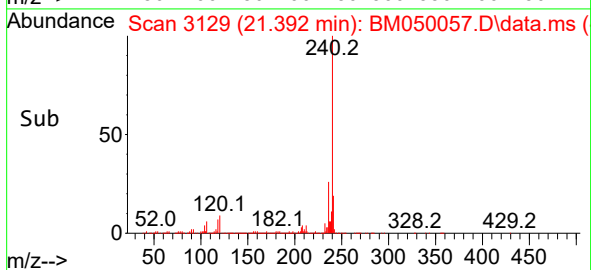
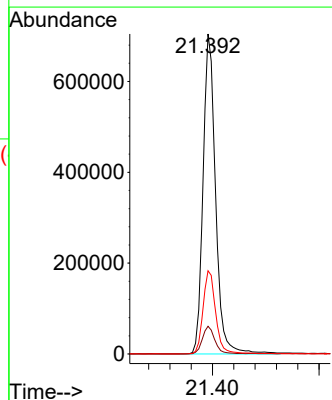
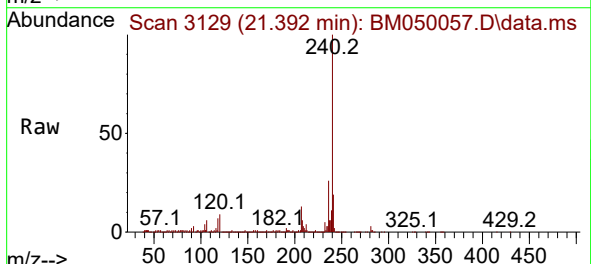
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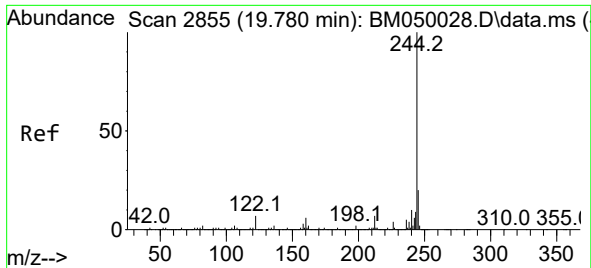
Tgt Ion:188 Resp: 1189552
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.6 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.392 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM050057.D
Acq: 30 Apr 2025 23:15

Tgt Ion:240 Resp: 1147888
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 26.0 20.9 31.3

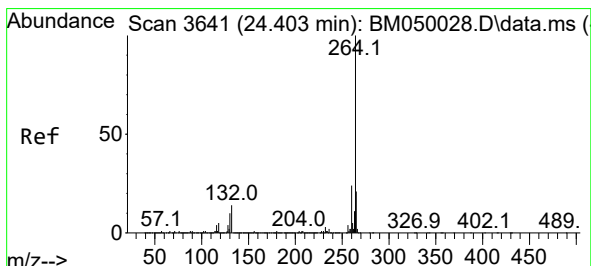
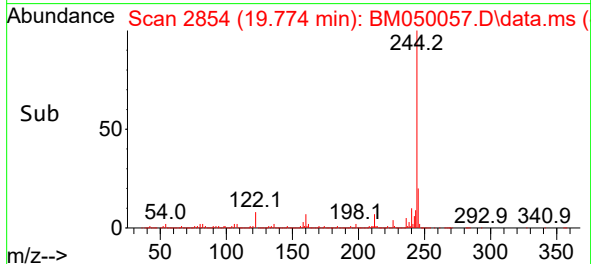
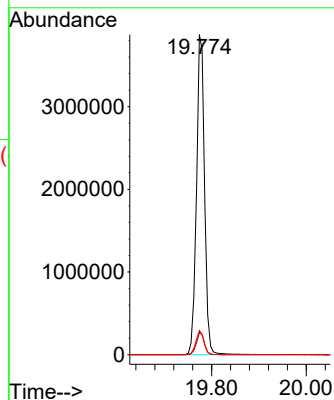
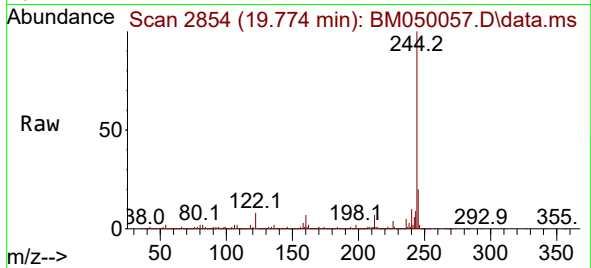




#79
 Terphenyl-d14
 Concen: 58.944 ng
 RT: 19.774 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM050057.D
 Acq: 30 Apr 2025 23:15

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Tgt Ion:244 Resp: 4572533
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 7.6 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 3639
 Delta R.T. -0.012 min
 Lab File: BM050057.D
 Acq: 30 Apr 2025 23:15

Tgt Ion:264 Resp: 1234593
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.3 17.0 25.4

