

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050168.D
 Acq On : 09 May 2025 20:41
 Operator : RC/JU
 Sample : Q1983-36
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-06

Quant Time: May 09 23:38:00 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	334366	20.000	ng	-0.03
21) Naphthalene-d8	10.540	136	1153305	20.000	ng	-0.02
39) Acenaphthene-d10	14.392	164	732926	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1306143	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1114747	20.000	ng	0.00
86) Perylene-d12	24.386	264	1177692	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2500963	130.975	ng	-0.02
7) Phenol-d6	6.934	99	2973097	123.880	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1870533	79.921	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1381223	127.451	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	4730946	76.360	ng	-0.03
79) Terphenyl-d14	19.763	244	7196932	95.534	ng	-0.02

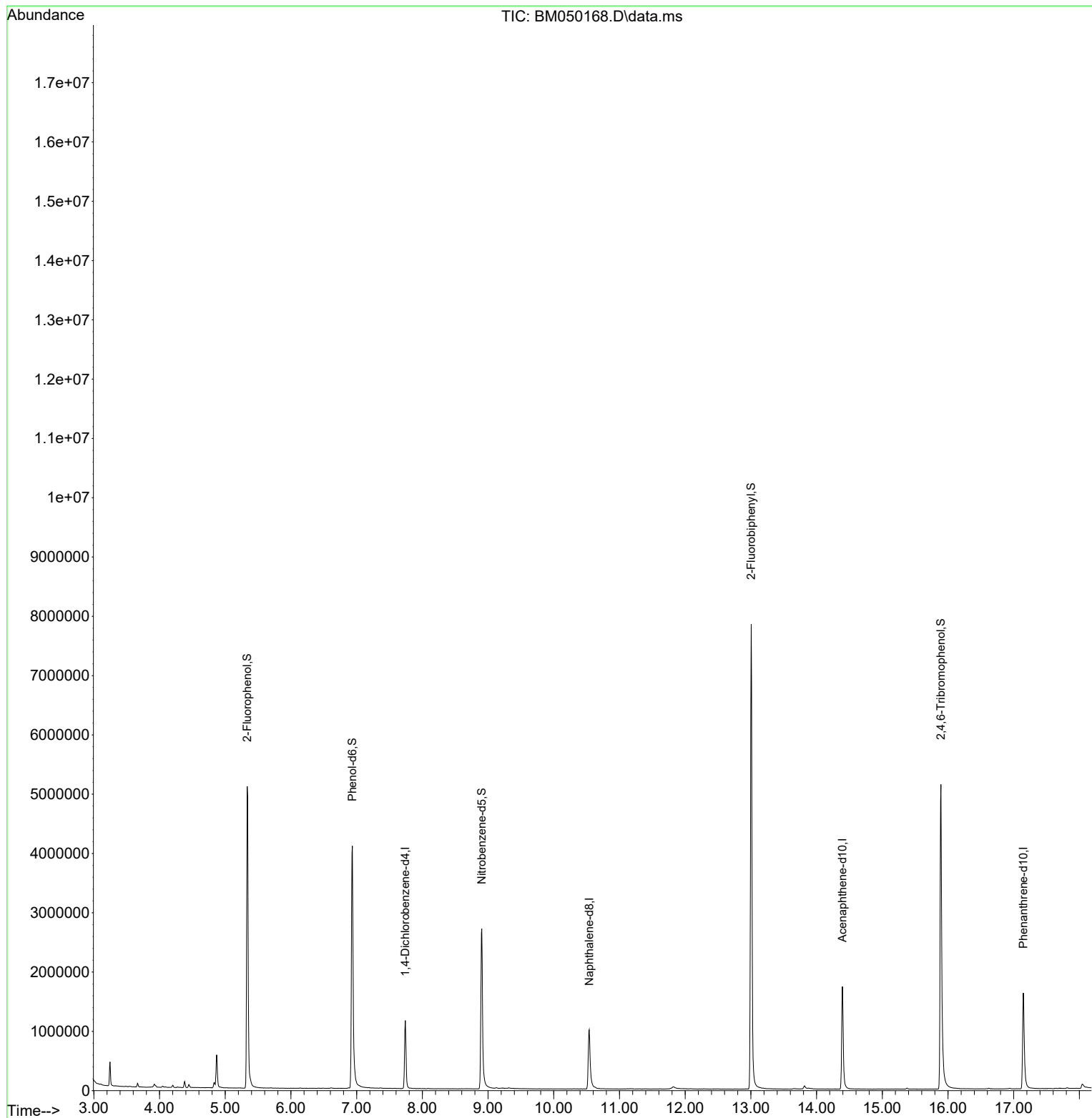
Target Compounds	Qvalue

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

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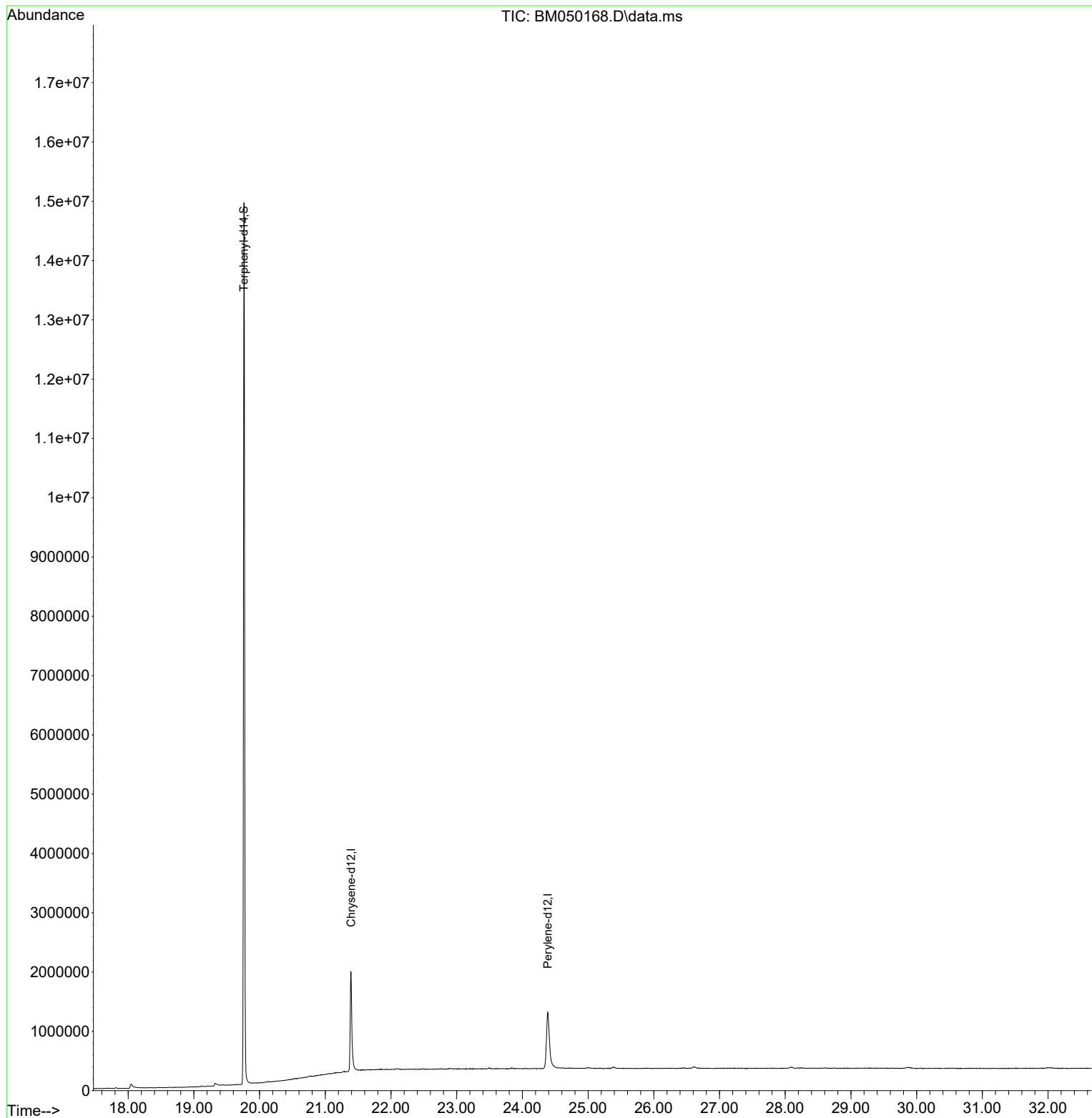
Quant Time: May 09 23:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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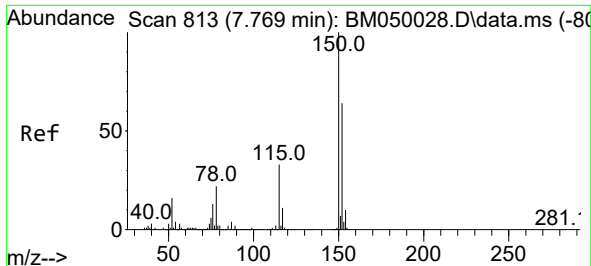


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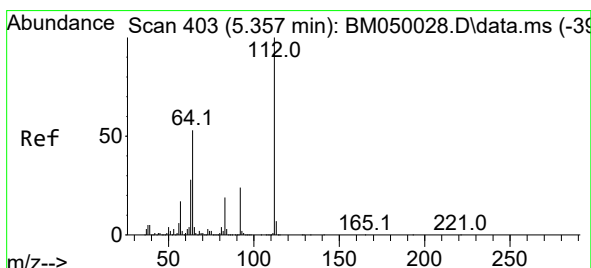
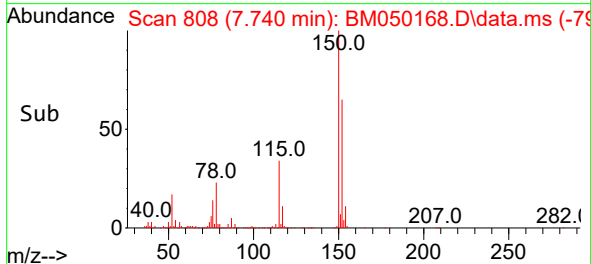
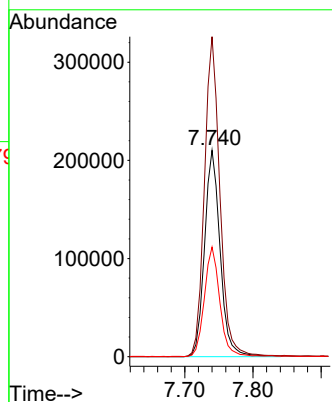
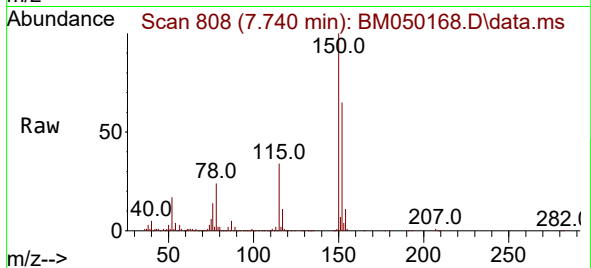




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

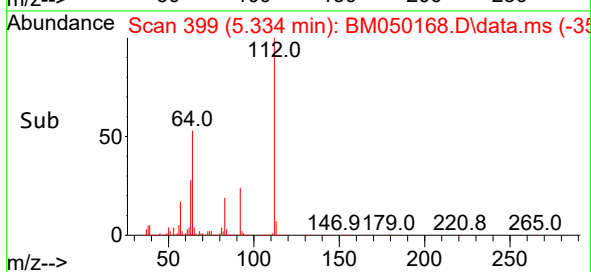
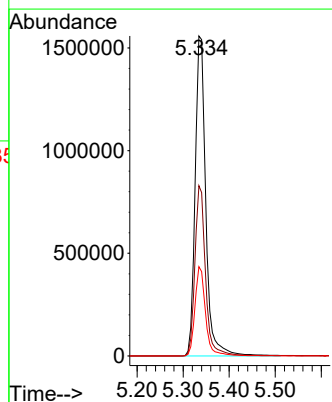
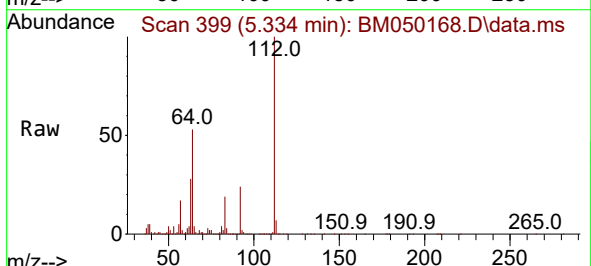
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-06

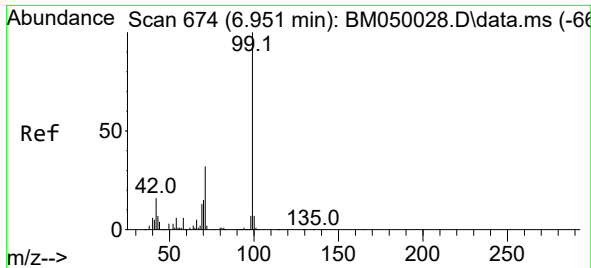
Tgt Ion:152 Resp: 334366
Ion Ratio Lower Upper
152 100
150 155.0 124.1 186.1
115 53.1 41.2 61.8



#5
2-Fluorophenol
Concen: 130.975 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

Tgt Ion:112 Resp: 2500963
Ion Ratio Lower Upper
112 100
64 53.2 42.6 64.0
63 27.9 22.2 33.4

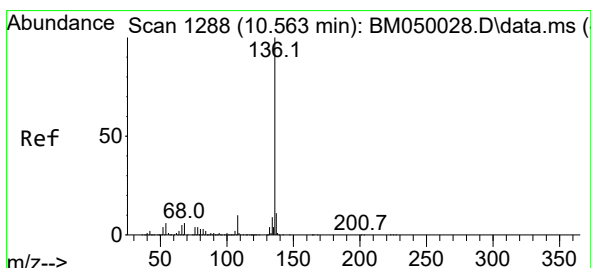
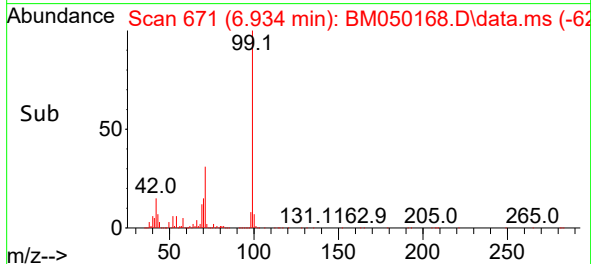
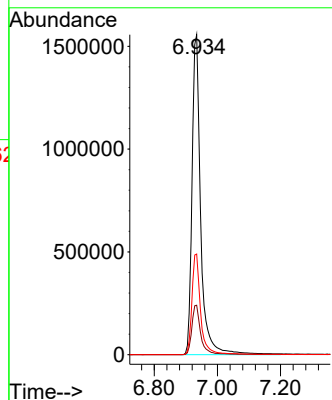
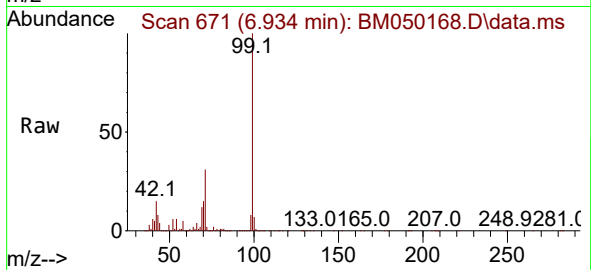




#7
Phenol-d6
Concen: 123.880 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.017 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

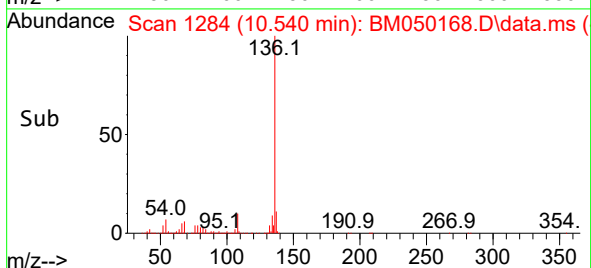
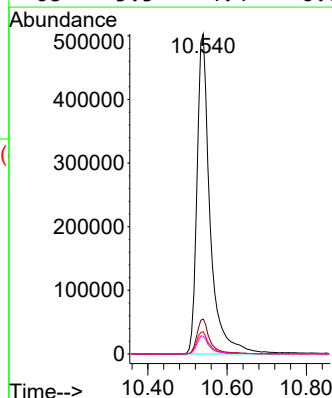
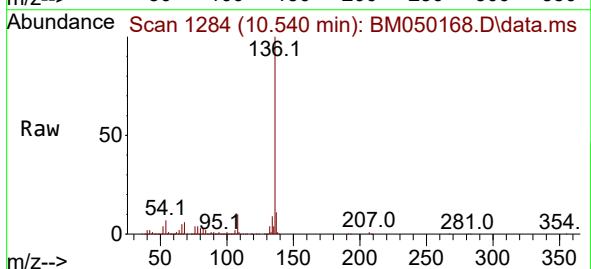
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-06

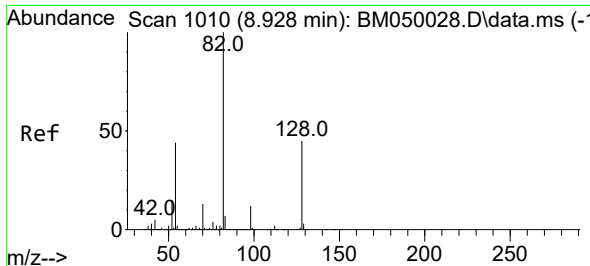
Tgt Ion: 99 Resp: 2973097
Ion Ratio Lower Upper
99 100
42 15.4 13.0 19.4
71 31.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

Tgt Ion:136 Resp: 1153305
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 5.1 7.7
68 5.5 4.4 6.6

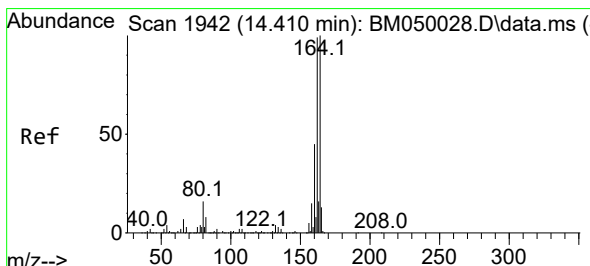
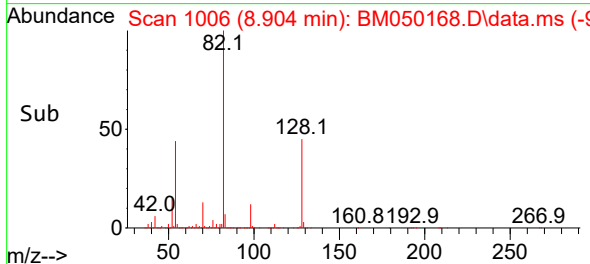
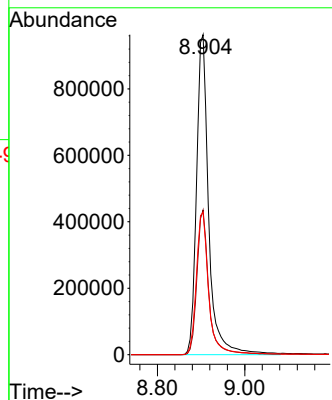
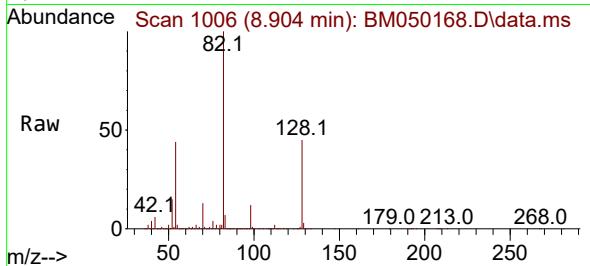




#23
Nitrobenzene-d5
Concen: 79.921 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

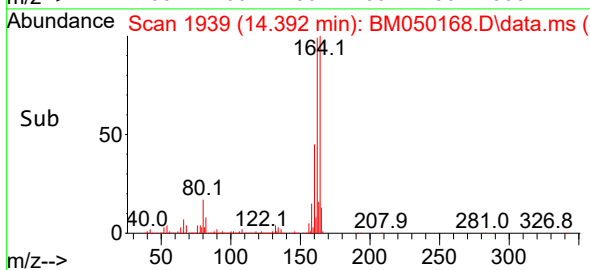
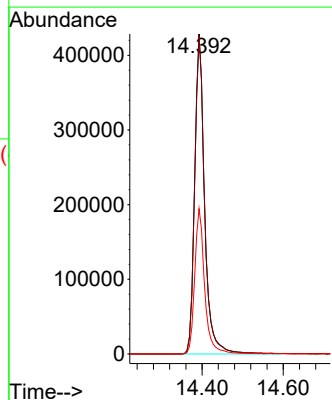
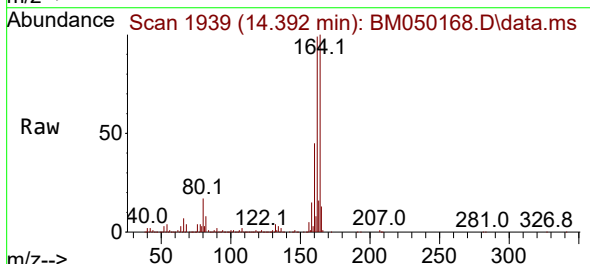
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-06

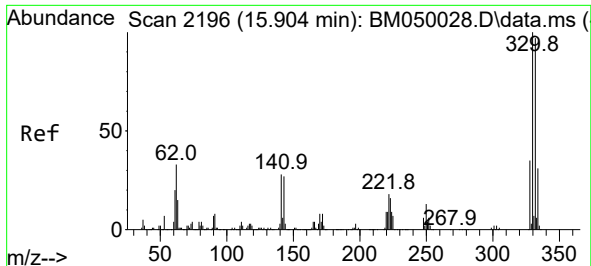
Tgt Ion: 82 Resp: 1870533
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 44.4 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

Tgt Ion: 164 Resp: 732926
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 45.4 36.2 54.4

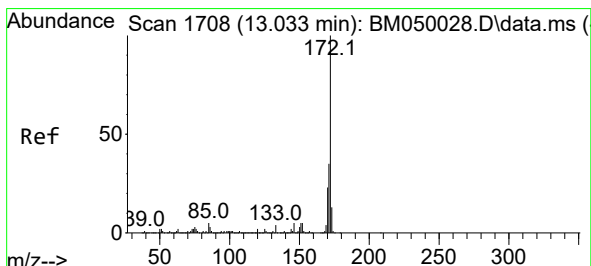
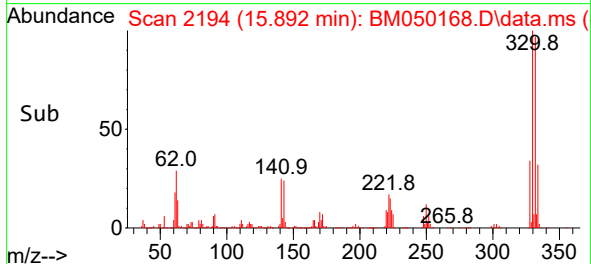
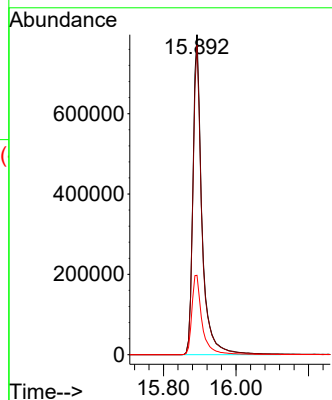
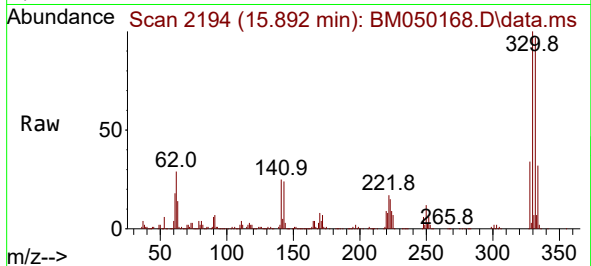




#42
2,4,6-Tribromophenol
Concen: 127.451 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.011 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

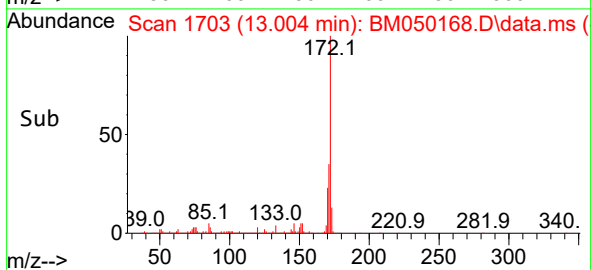
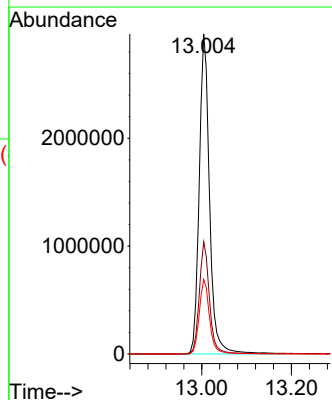
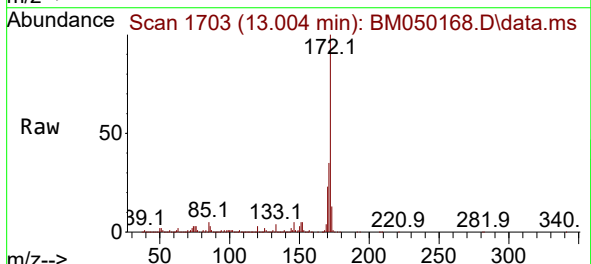
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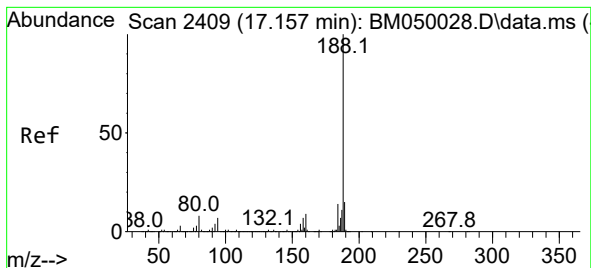
Tgt Ion:330 Resp: 1381223
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 28.2 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 76.360 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050168.D
Acq: 09 May 2025 20:41

Tgt Ion:172 Resp: 4730946
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050168.D

Acq: 09 May 2025 20:41

Instrument :

BNA_M

ClientSampleId :

OR-636-COMP-06

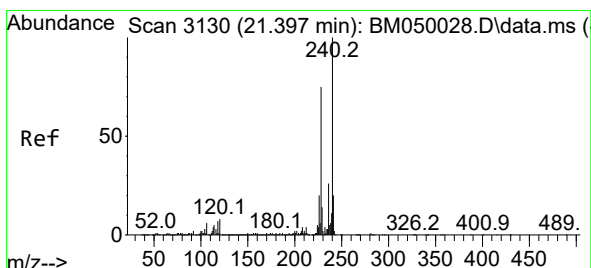
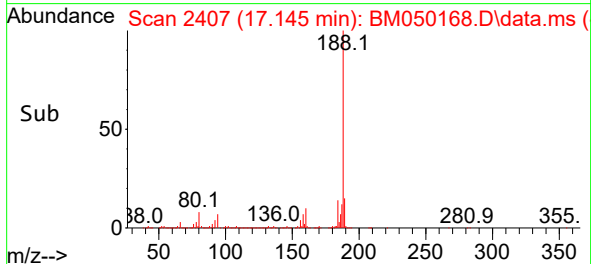
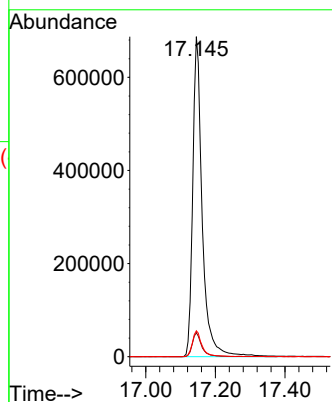
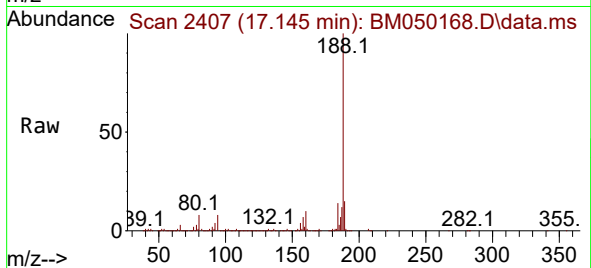
Tgt Ion:188 Resp: 1306143

Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

80 8.1 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: BM050168.D

Acq: 09 May 2025 20:41

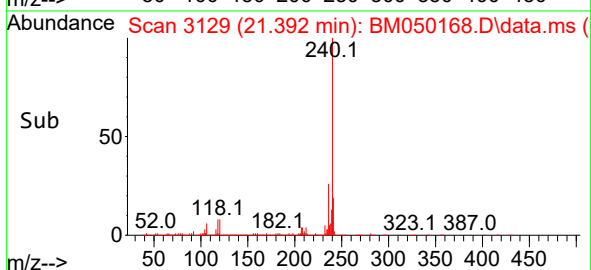
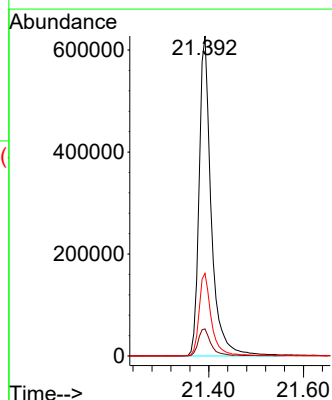
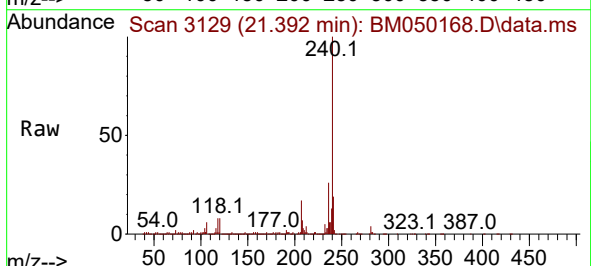
Tgt Ion:240 Resp: 1114747

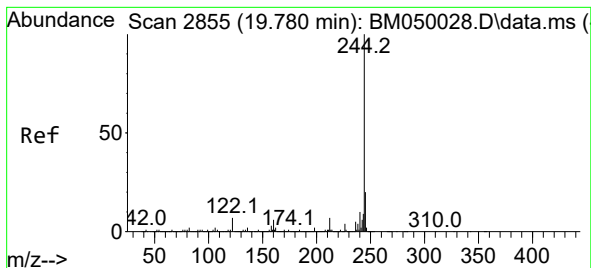
Ion Ratio Lower Upper

240 100

120 8.5 6.5 9.7

236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 95.534 ng

RT: 19.763 min Scan# 21

Delta R.T. -0.017 min

Lab File: BM050168.D

Acq: 09 May 2025 20:41

Instrument :

BNA_M

ClientSampleId :

OR-636-COMP-06

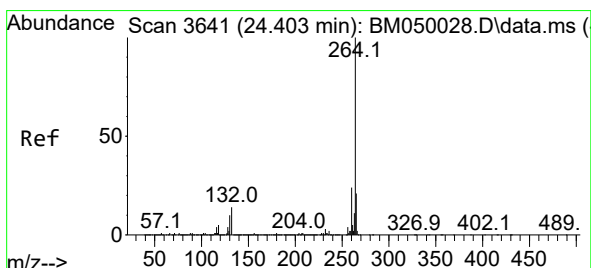
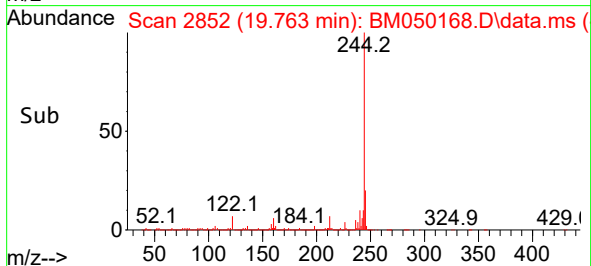
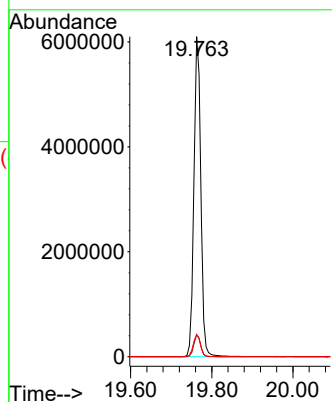
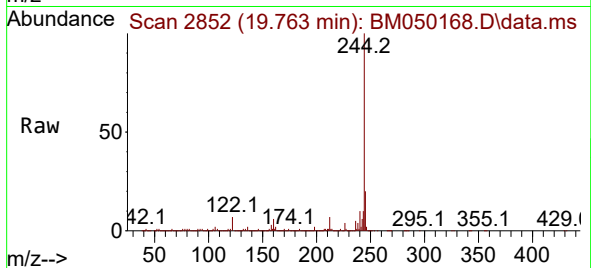
Tgt Ion:244 Resp: 7196932

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 7.0 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 3638

Delta R.T. -0.017 min

Lab File: BM050168.D

Acq: 09 May 2025 20:41

Tgt Ion:264 Resp: 1177692

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.2 17.0 25.4

