

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050925\
 Data File : BM050167.D
 Acq On : 09 May 2025 20:02
 Operator : RC/JU
 Sample : Q1983-30
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-636-COMP-05

Quant Time: May 09 23:37:46 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	360931	20.000	ng	-0.03
21) Naphthalene-d8	10.534	136	1300192	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	886190	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1655543	20.000	ng	-0.01
76) Chrysene-d12	21.392	240	1065476	20.000	ng	0.00
86) Perylene-d12	24.386	264	1051472	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2579475	125.144	ng	-0.02
7) Phenol-d6	6.934	99	2981918	115.103	ng	-0.02
23) Nitrobenzene-d5	8.904	82	2128869	80.683	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1862336	142.125	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	5781275	77.175	ng	-0.03
79) Terphenyl-d14	19.762	244	8330778	115.699	ng	-0.02

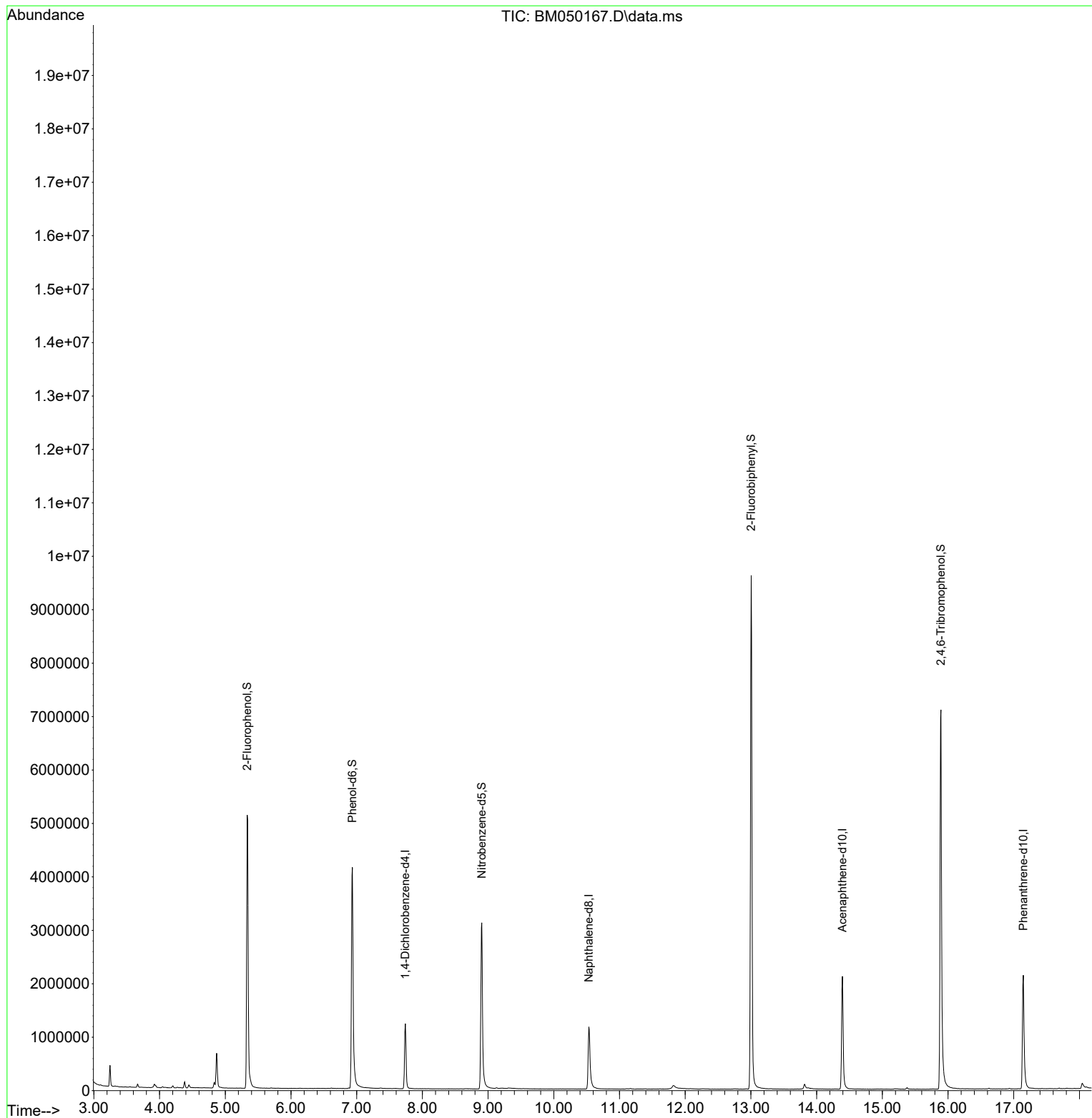
Target Compounds	Qvalue

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

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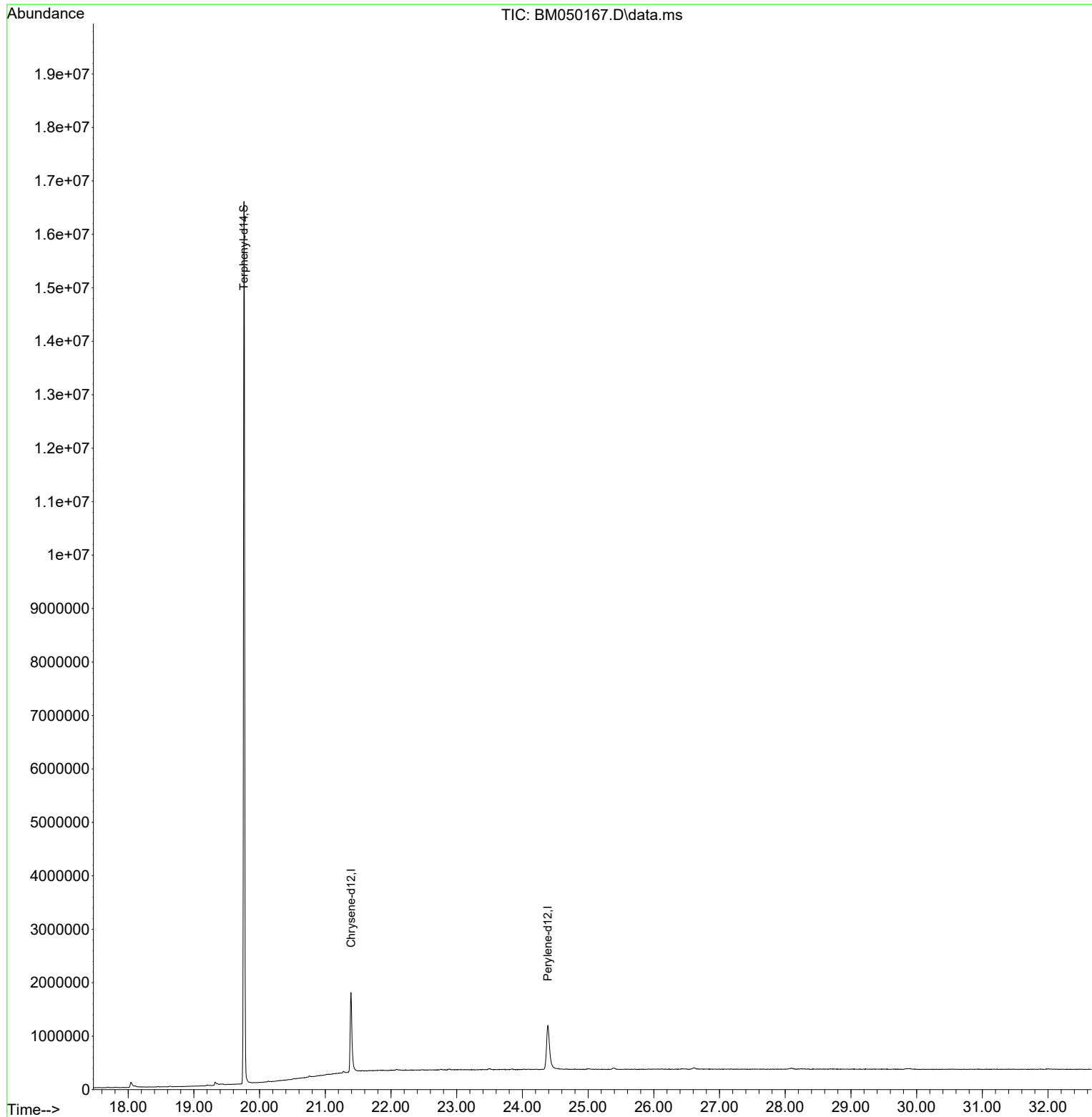
Quant Time: May 09 23:37:46 2025
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QLast Update : Thu May 08 12:03:21 2025
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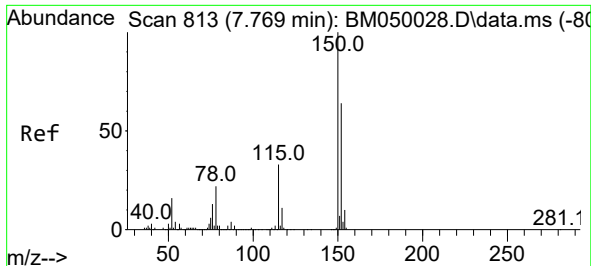


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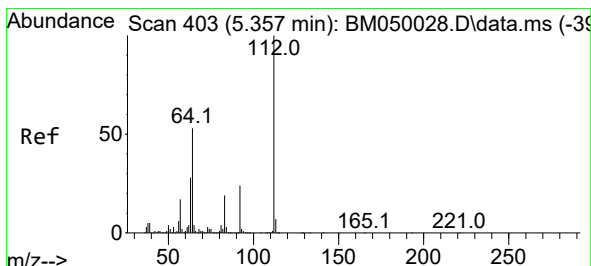
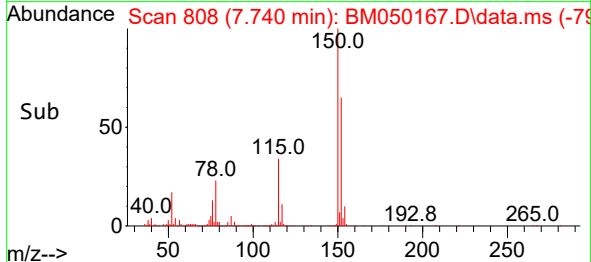
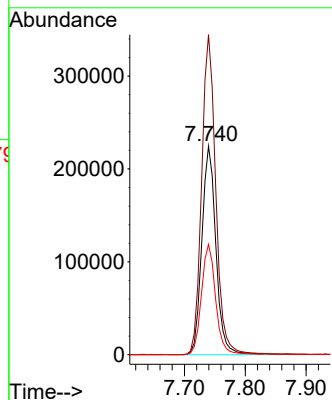
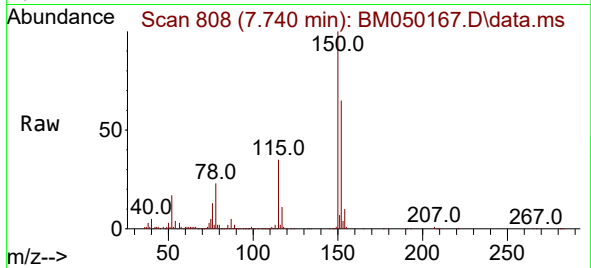




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

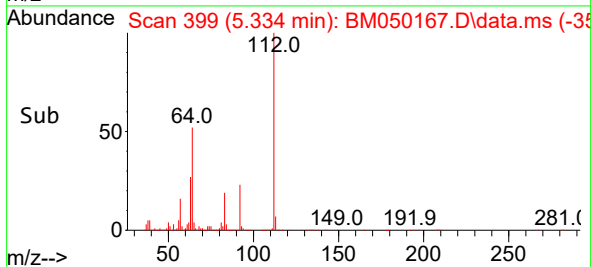
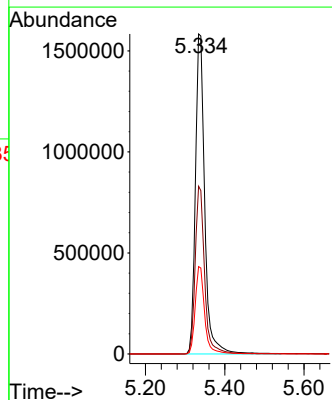
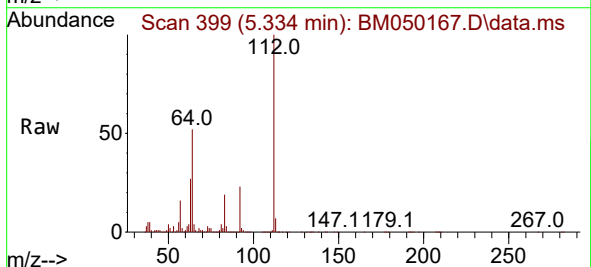
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

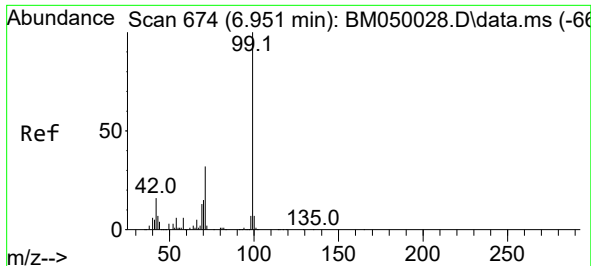
Tgt Ion:152 Resp: 360931
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 53.0 41.2 61.8



#5
2-Fluorophenol
Concen: 125.144 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.023 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

Tgt Ion:112 Resp: 2579475
Ion Ratio Lower Upper
112 100
64 52.4 42.6 64.0
63 27.3 22.2 33.4

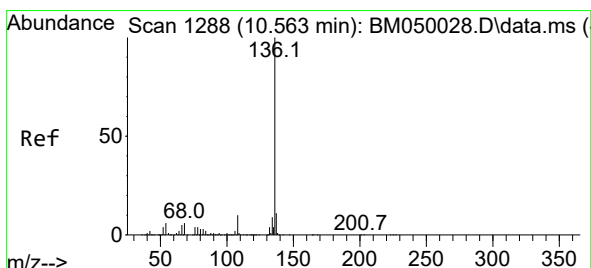
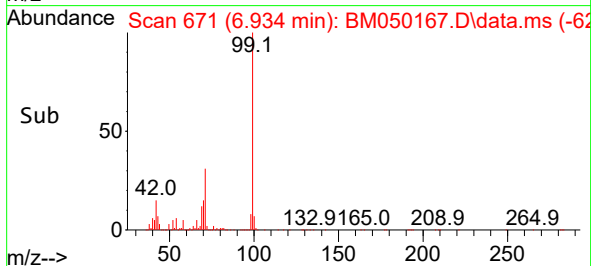
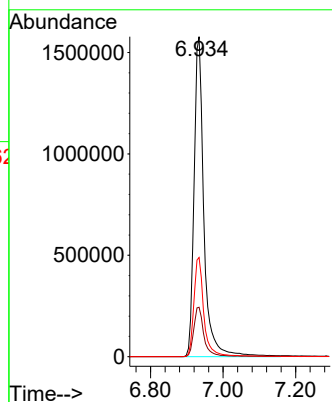
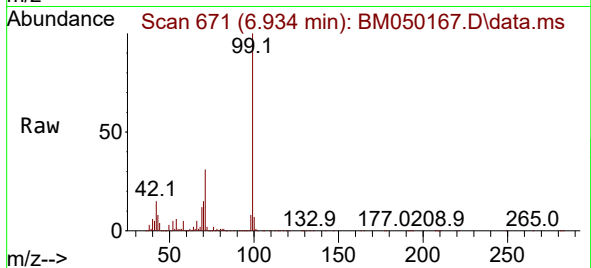




#7
Phenol-d6
Concen: 115.103 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

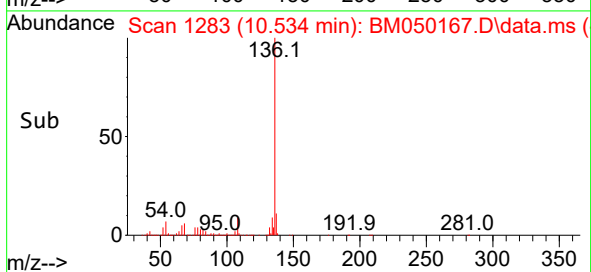
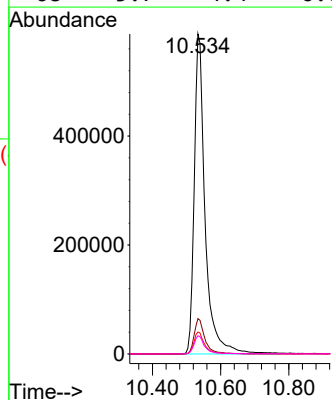
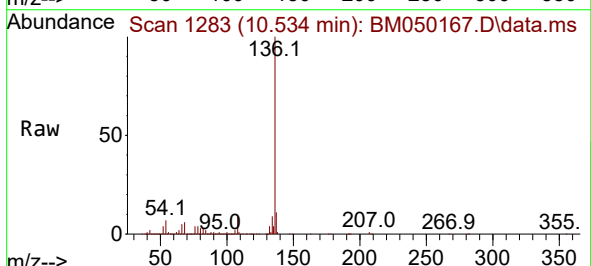
Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

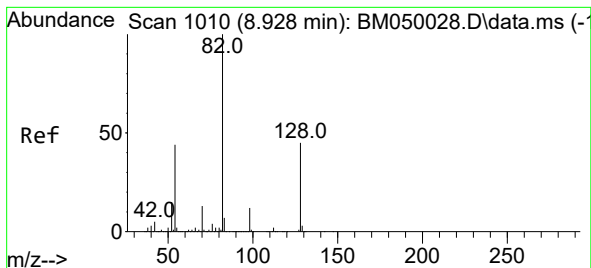
Tgt Ion: 99 Resp: 2981918
Ion Ratio Lower Upper
99 100
42 15.5 13.0 19.4
71 31.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

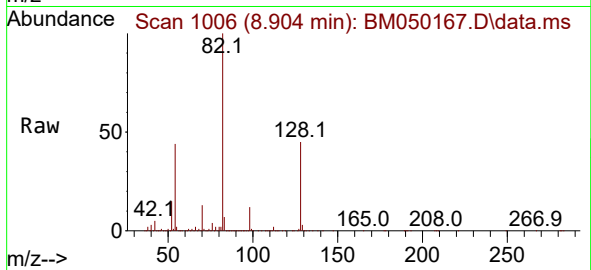
Tgt Ion:136 Resp: 1300192
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 5.1 7.7
68 5.7 4.4 6.6





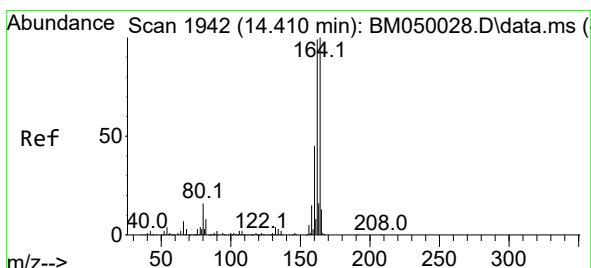
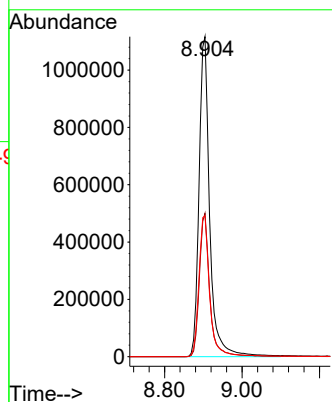
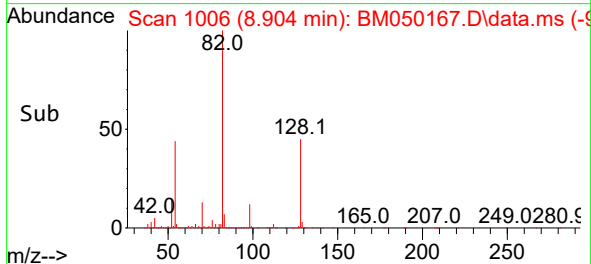
#23
Nitrobenzene-d5
Concen: 80.683 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.023 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

Instrument :
BNA_M
ClientSampleId :
OR-636-COMP-05

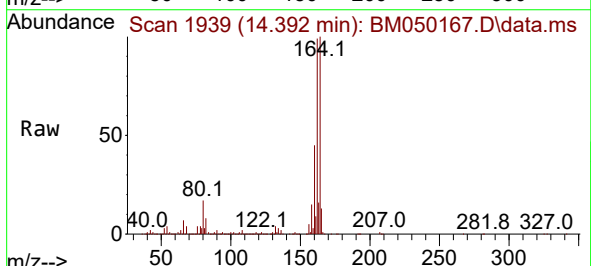


Tgt Ion: 82 Resp: 2128869

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	44.1	35.4	53.2

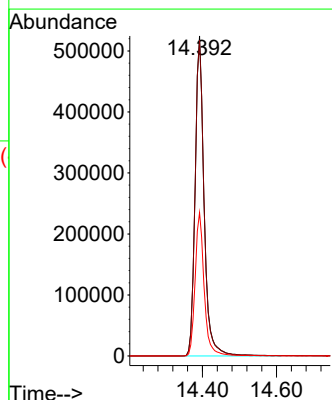
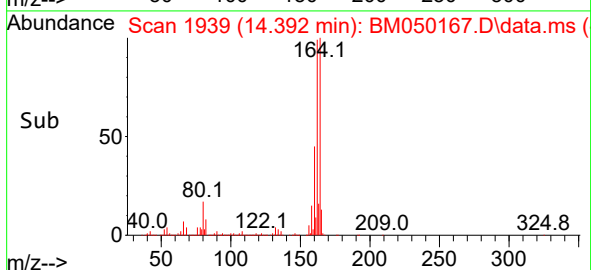


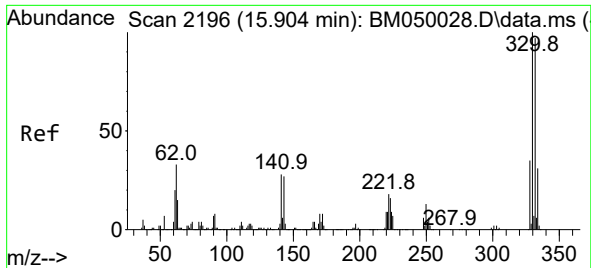
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02



Tgt Ion: 164 Resp: 886190

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.4	119.0
160	44.8	36.2	54.4

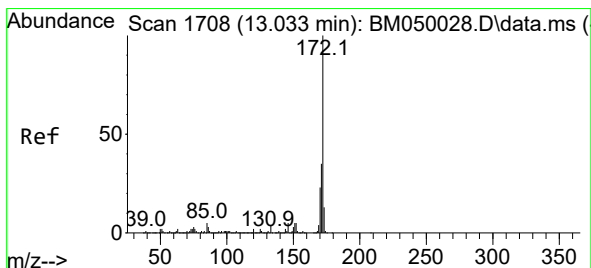
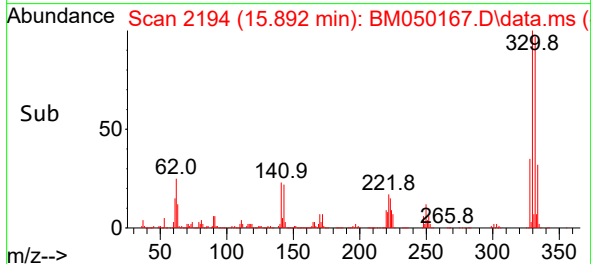
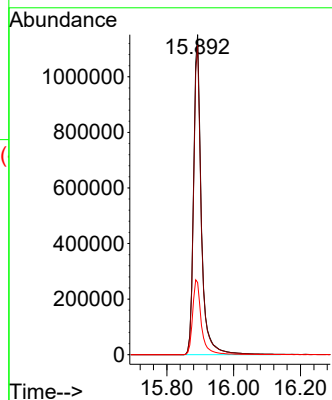
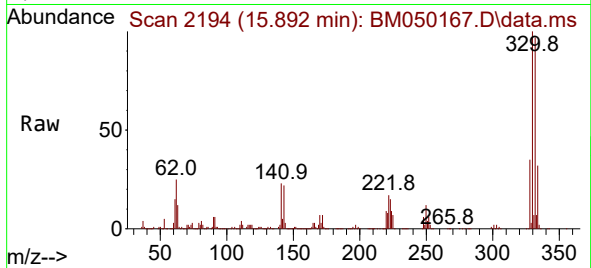




#42
2,4,6-Tribromophenol
Concen: 142.125 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

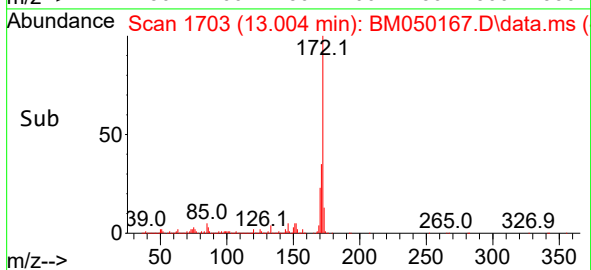
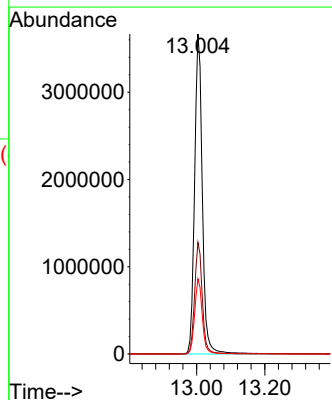
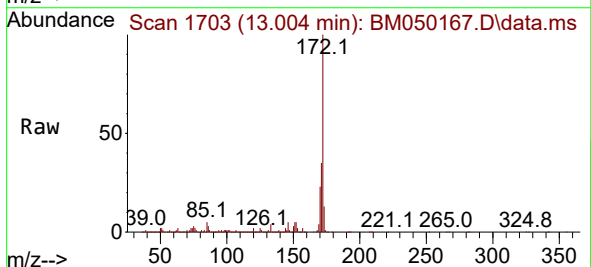
Instrument :
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ClientSampleId :
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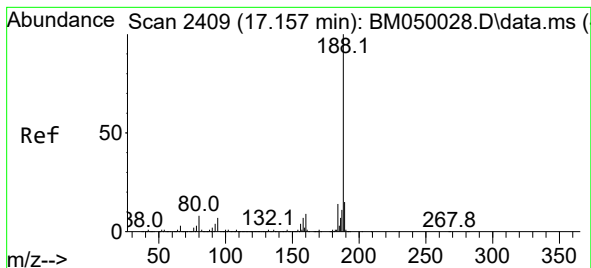
Tgt Ion:330 Resp: 1862336
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 26.5 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 77.175 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050167.D
Acq: 09 May 2025 20:02

Tgt Ion:172 Resp: 5781275
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.5 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: BM050167.D

Acq: 09 May 2025 20:02

Instrument :

BNA_M

ClientSampleId :

OR-636-COMP-05

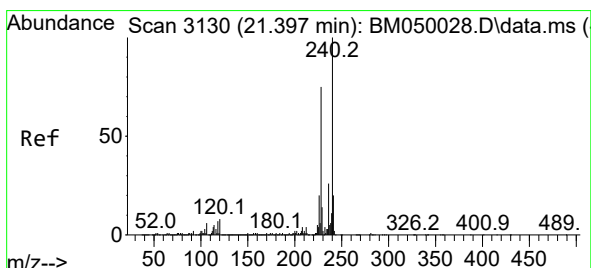
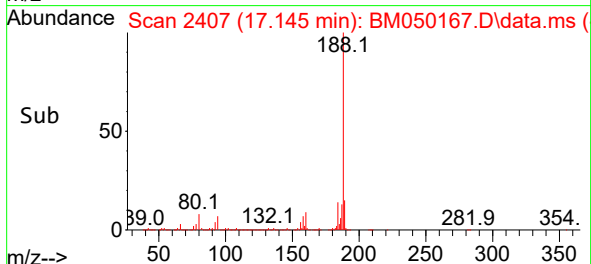
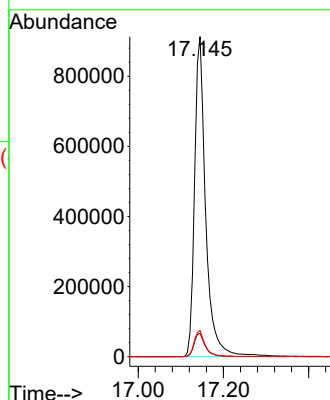
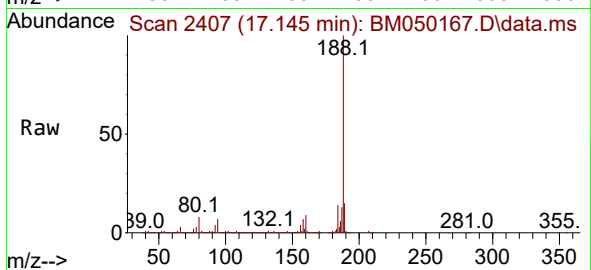
Tgt Ion:188 Resp: 1655543

Ion Ratio Lower Upper

188 100

94 7.3 5.7 8.5

80 8.2 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: BM050167.D

Acq: 09 May 2025 20:02

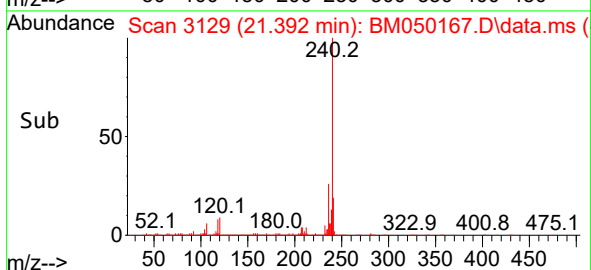
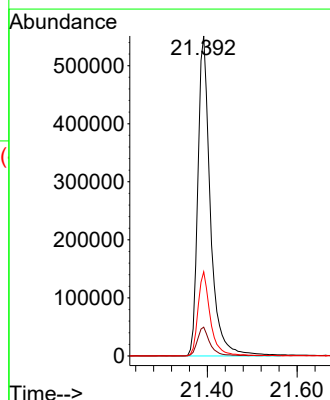
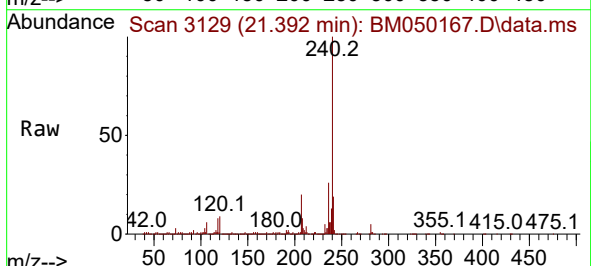
Tgt Ion:240 Resp: 1065476

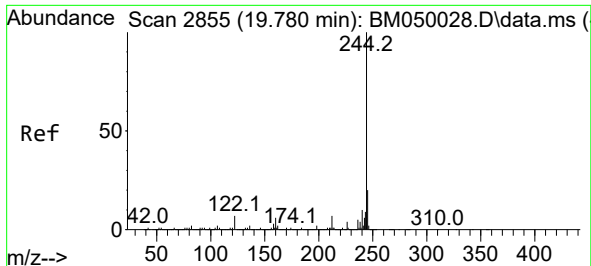
Ion Ratio Lower Upper

240 100

120 9.0 6.5 9.7

236 26.3 20.9 31.3

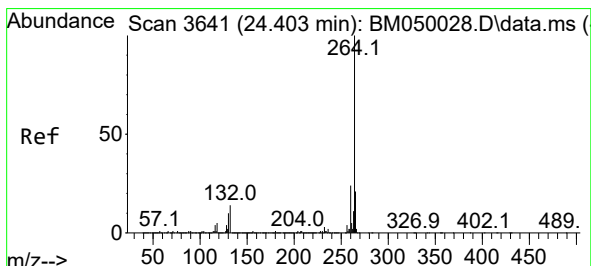
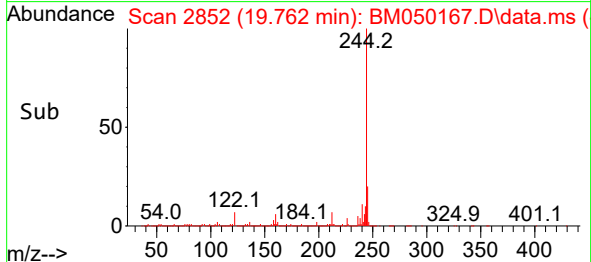
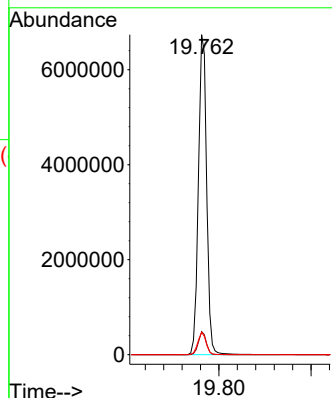
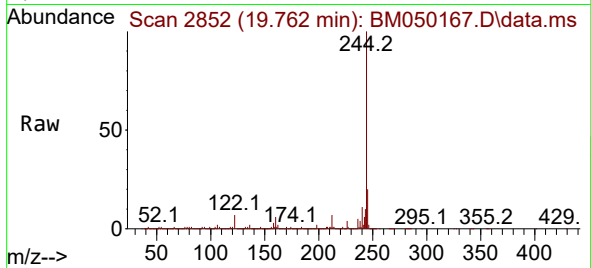




#79
 Terphenyl-d14
 Concen: 115.699 ng
 RT: 19.762 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM050167.D
 Acq: 09 May 2025 20:02

Instrument :
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Tgt Ion:244 Resp: 8330778
 Ion Ratio Lower Upper
 244 100
 212 7.2 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. -0.018 min
 Lab File: BM050167.D
 Acq: 09 May 2025 20:02

Tgt Ion:264 Resp: 1051472
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.5 17.0 25.4

