

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050309.D
 Acq On : 13 Jun 2025 21:05
 Operator : RC/JU
 Sample : Q2296-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-3

Quant Time: Jun 13 23:20:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 11:54:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	359786	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1342379	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	726389	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1379655	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1495804	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1541634	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3267984	151.520	ng	0.00
7) Phenol-d6	6.928	99	3769011	132.747	ng	0.00
23) Nitrobenzene-d5	8.910	82	2606129	100.970	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1289058	156.019	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5049584	94.115	ng	-0.01
79) Terphenyl-d14	19.756	244	7342090	93.016	ng	-0.01

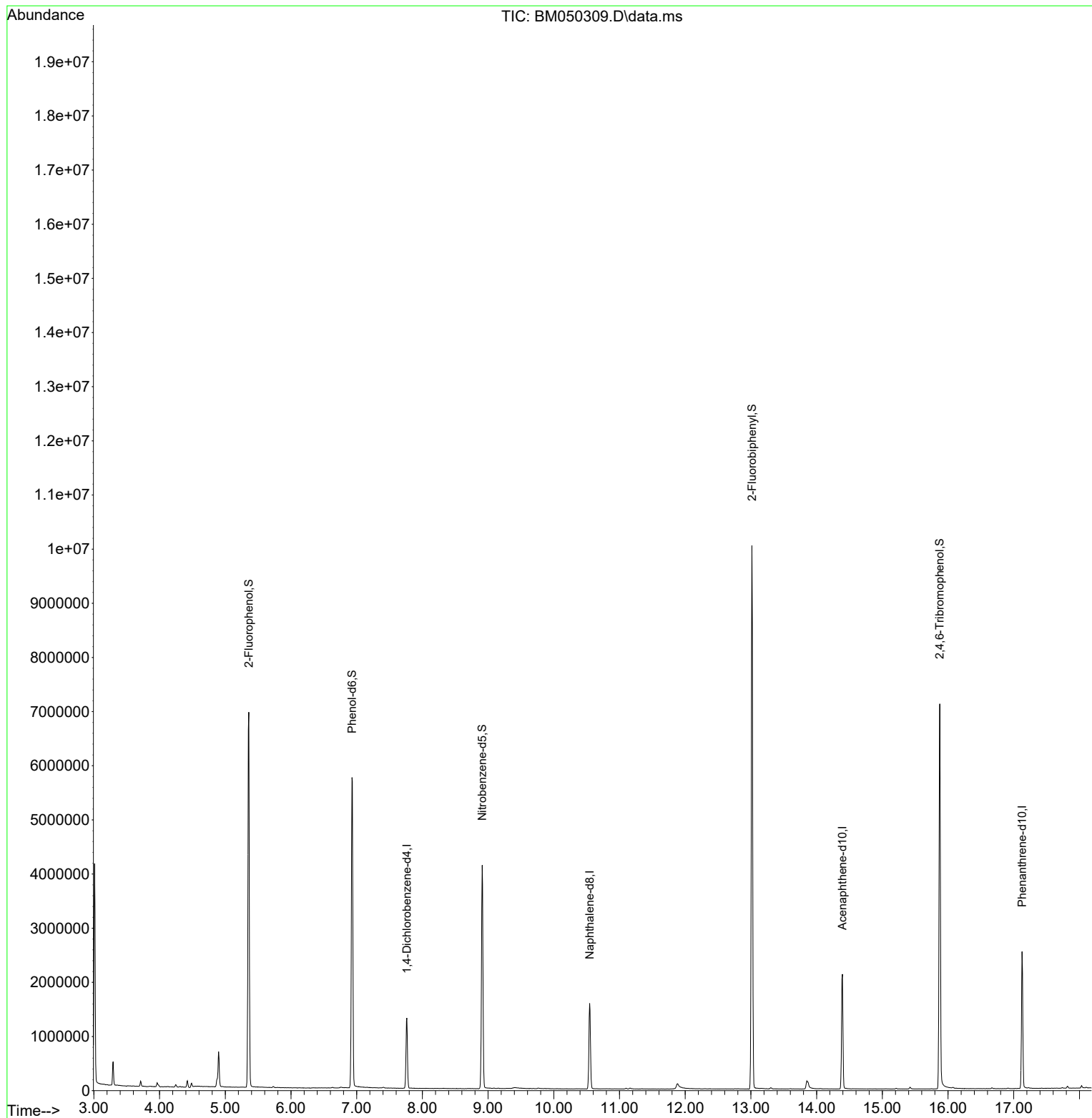
Target Compounds	Qvalue

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

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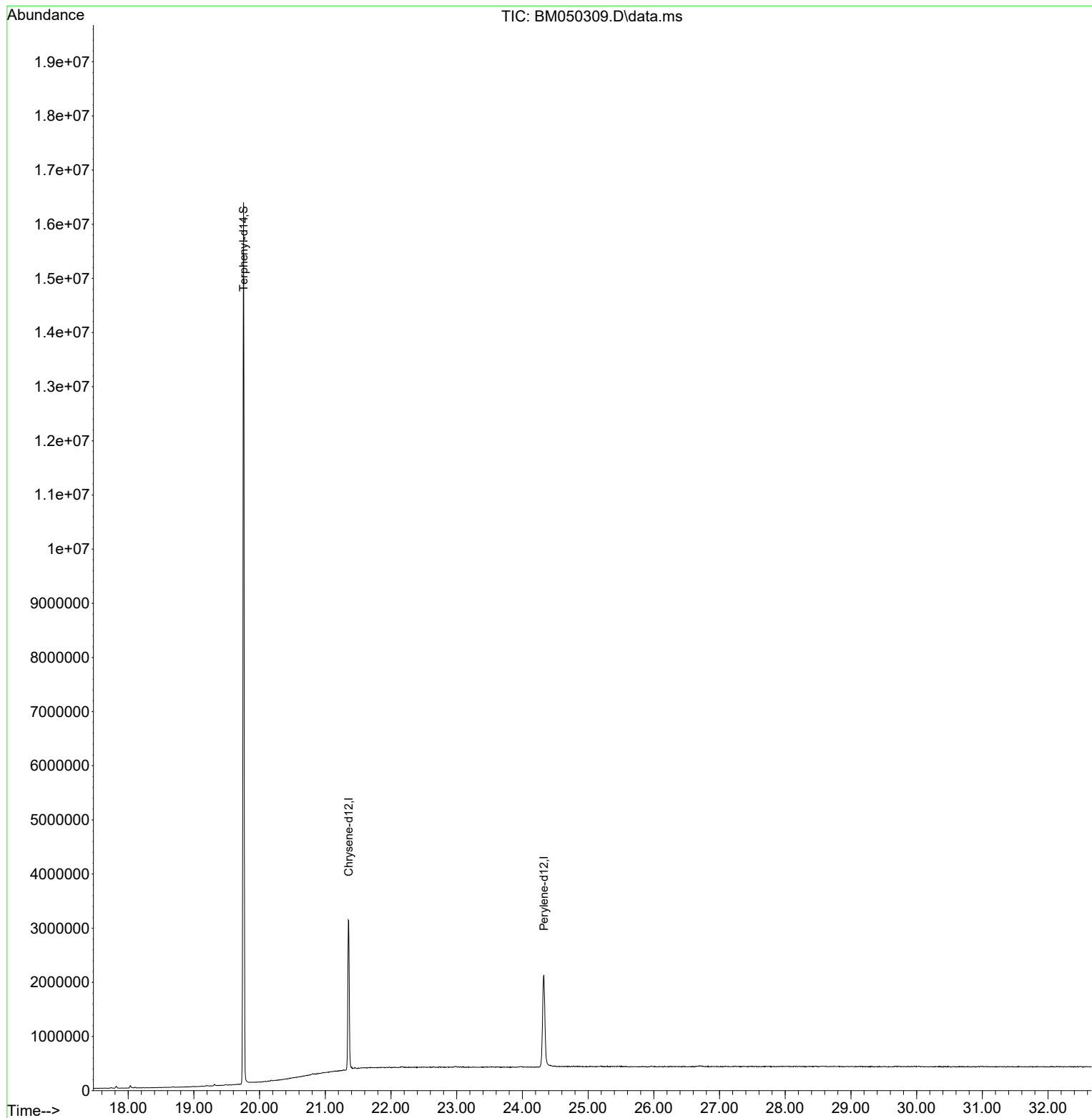
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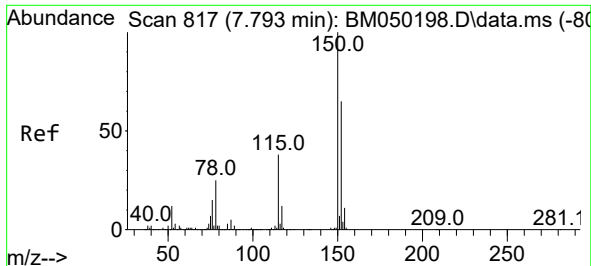


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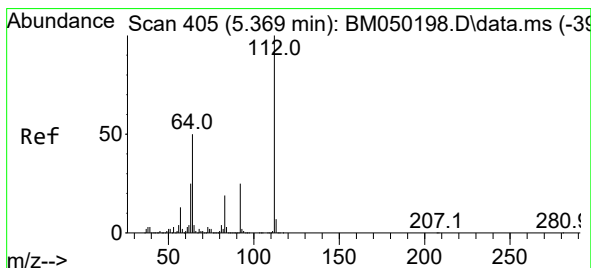
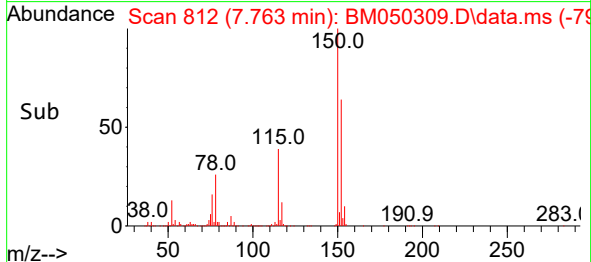
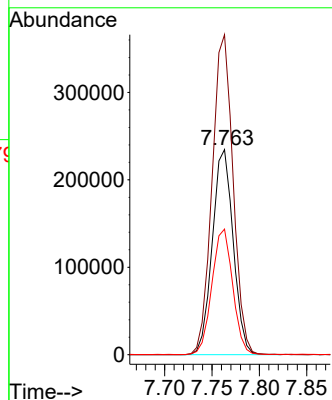
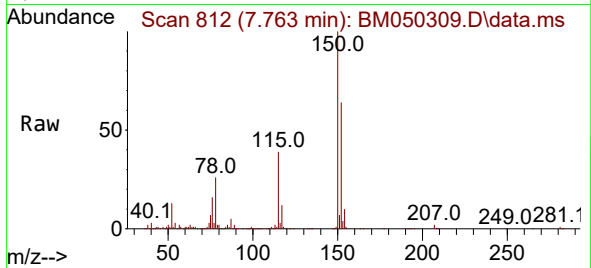




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

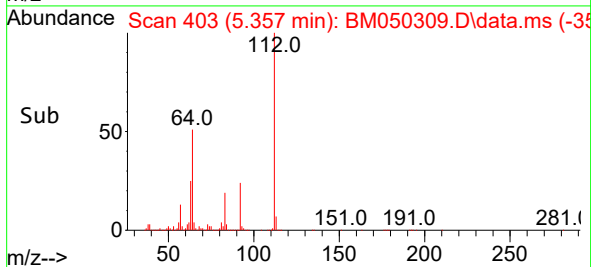
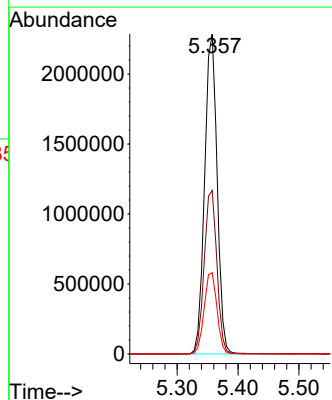
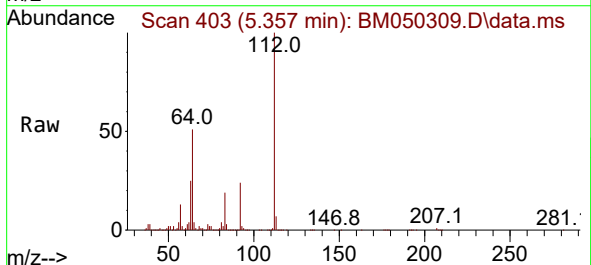
Instrument :
BNA_M
ClientSampleId :
WC-3

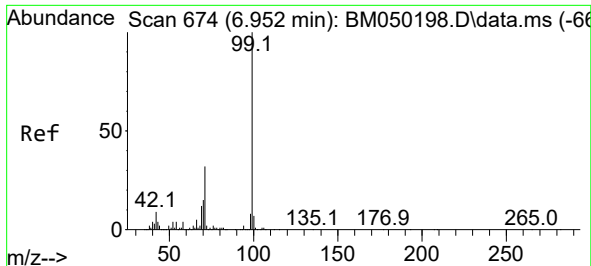
Tgt Ion:152 Resp: 359786
Ion Ratio Lower Upper
152 100
150 156.0 122.2 183.4
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 151.520 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

Tgt Ion:112 Resp: 3267984
Ion Ratio Lower Upper
112 100
64 51.1 39.8 59.6
63 25.4 19.8 29.8

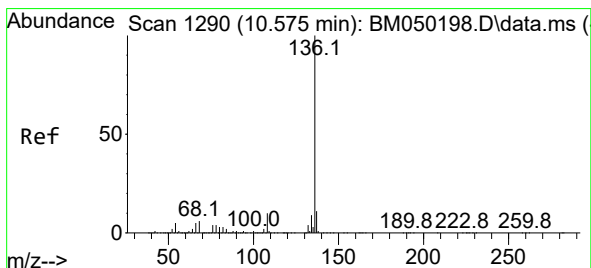
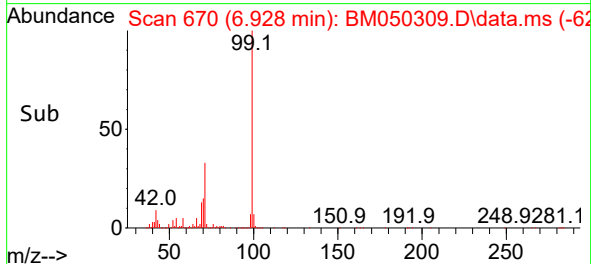
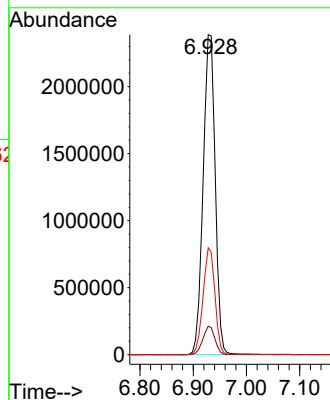
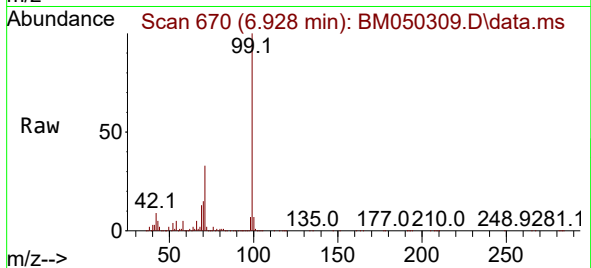




#7
Phenol-d6
Concen: 132.747 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

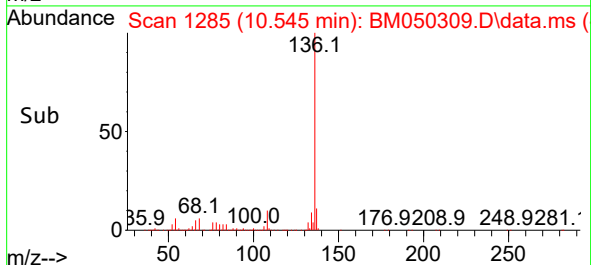
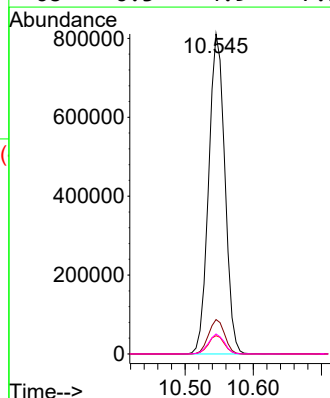
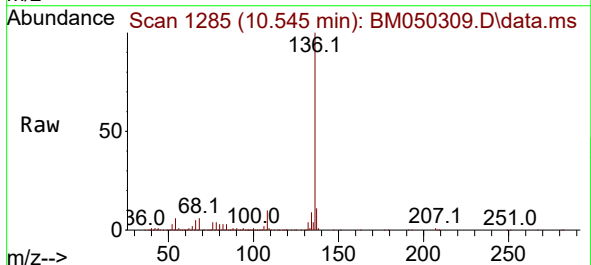
Instrument :
BNA_M
ClientSampleId :
WC-3

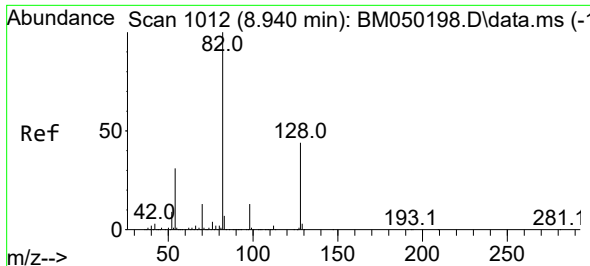
Tgt Ion: 99 Resp: 3769011
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 33.4 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

Tgt Ion: 136 Resp: 1342379
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.7 3.8 5.8
68 6.3 4.9 7.3

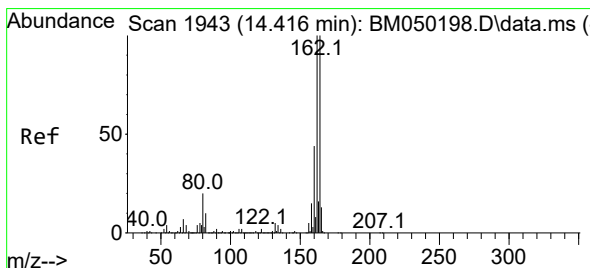
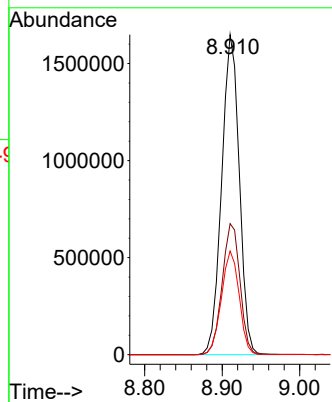
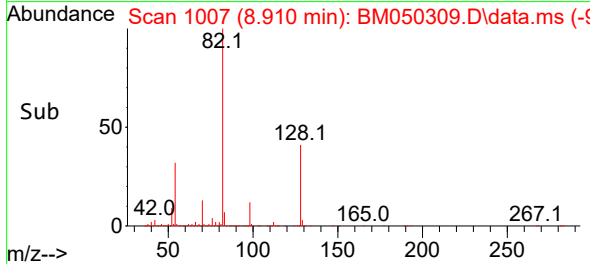
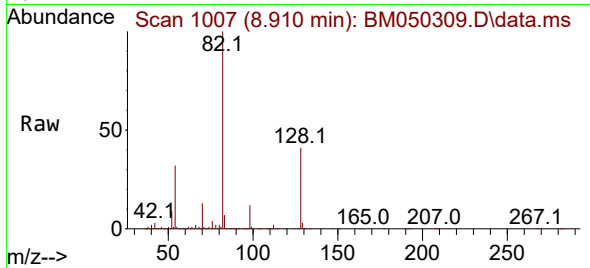




#23
 Nitrobenzene-d5
 Concen: 100.970 ng
 RT: 8.910 min Scan# 1012
 Delta R.T. -0.006 min
 Lab File: BM050309.D
 Acq: 13 Jun 2025 21:05

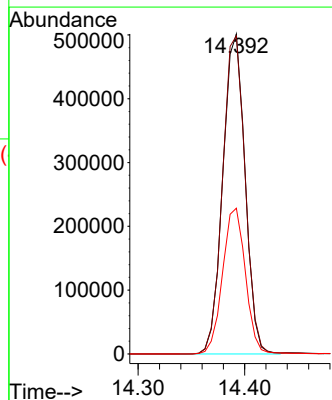
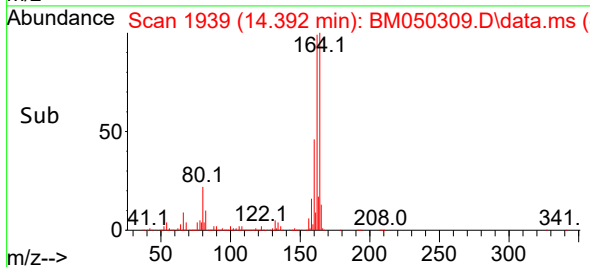
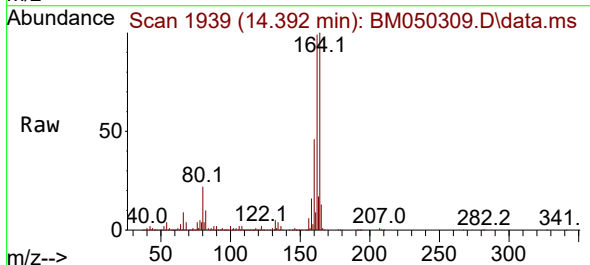
Instrument :
 BNA_M
 ClientSampleId :
 WC-3

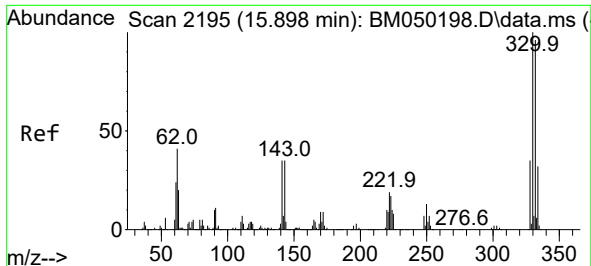
Tgt Ion: 82 Resp: 2606129
 Ion Ratio Lower Upper
 82 100
 128 40.9 35.2 52.8
 54 32.4 24.5 36.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.392 min Scan# 1939
 Delta R.T. -0.006 min
 Lab File: BM050309.D
 Acq: 13 Jun 2025 21:05

Tgt Ion:164 Resp: 726389
 Ion Ratio Lower Upper
 164 100
 162 99.4 80.2 120.4
 160 45.6 35.7 53.5

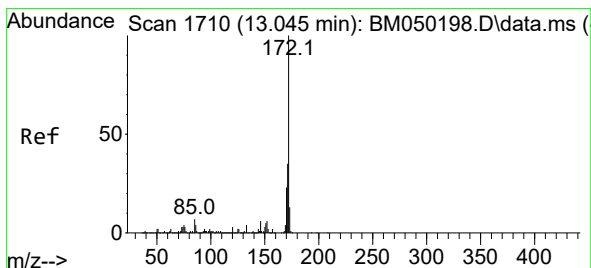
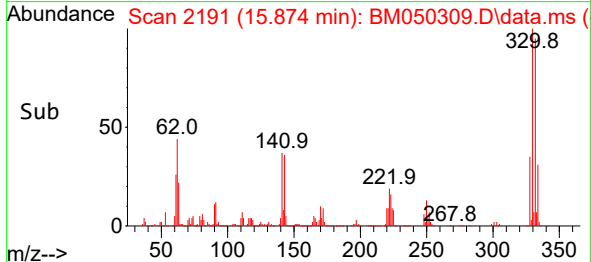
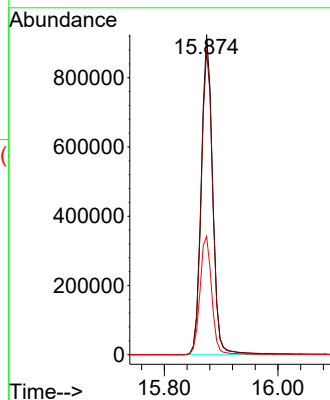
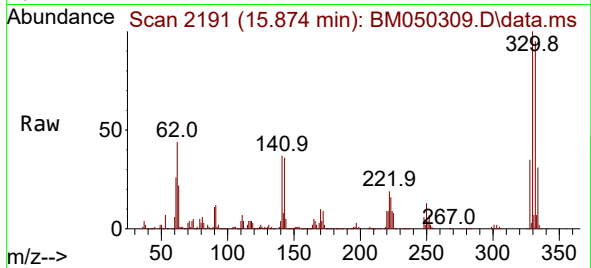




#42
2,4,6-Tribromophenol
Concen: 156.019 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

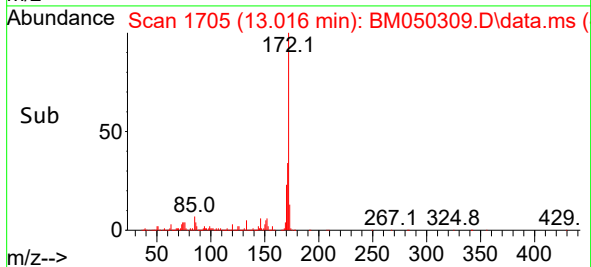
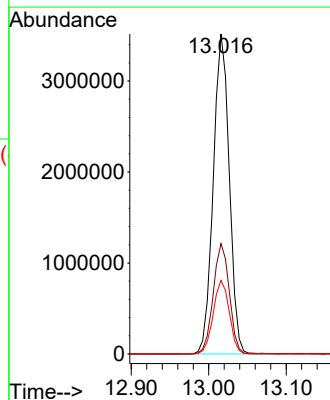
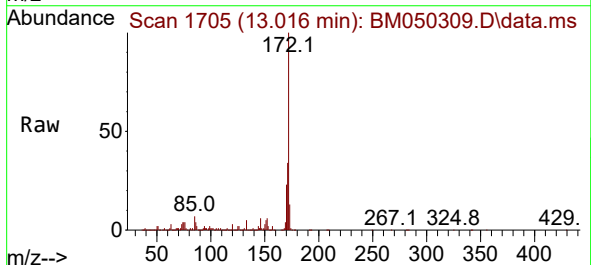
Instrument :
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ClientSampleId :
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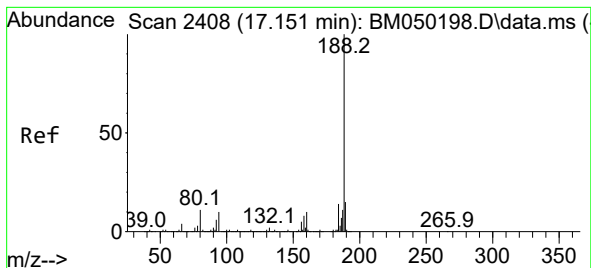
Tgt Ion:330 Resp: 1289058
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 38.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 94.115 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050309.D
Acq: 13 Jun 2025 21:05

Tgt Ion:172 Resp: 5049584
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.6
170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 2404

Delta R.T. -0.012 min

Lab File: BM050309.D

Acq: 13 Jun 2025 21:05

Instrument :

BNA_M

ClientSampleId :

WC-3

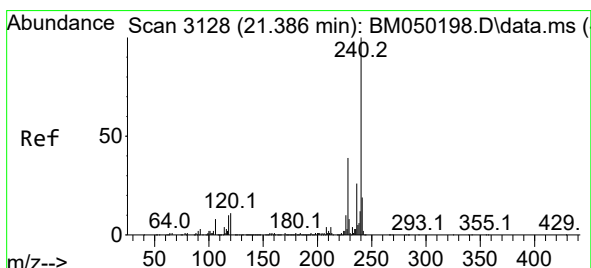
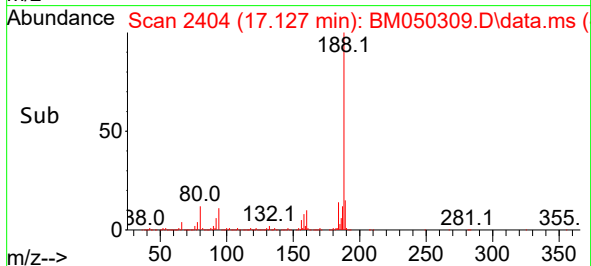
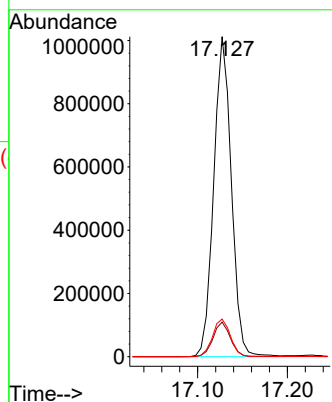
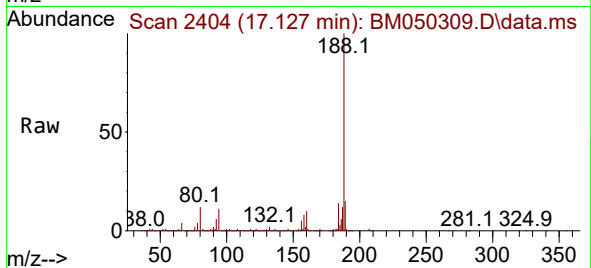
Tgt Ion:188 Resp: 1379655

Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

80 11.7 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM050309.D

Acq: 13 Jun 2025 21:05

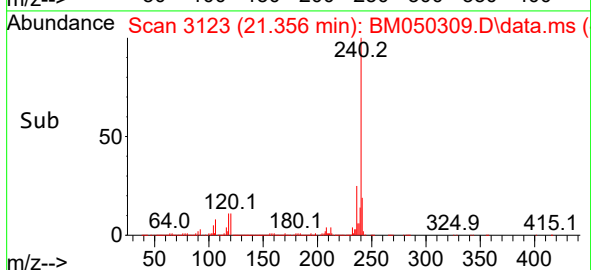
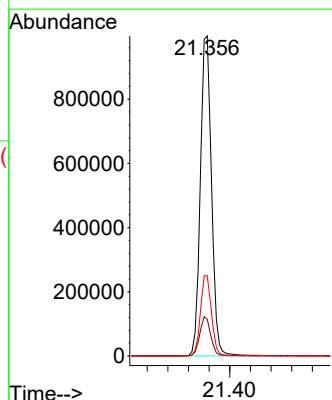
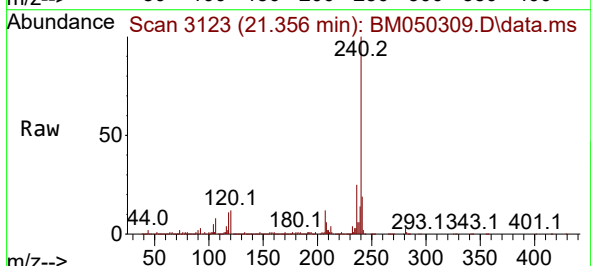
Tgt Ion:240 Resp: 1495804

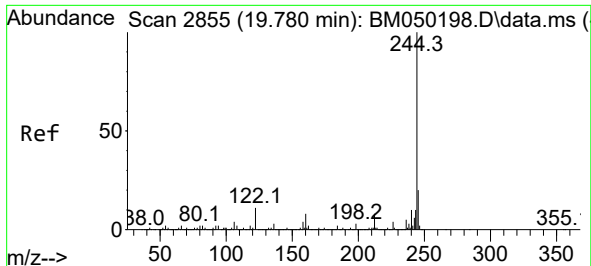
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 25.0 20.7 31.1

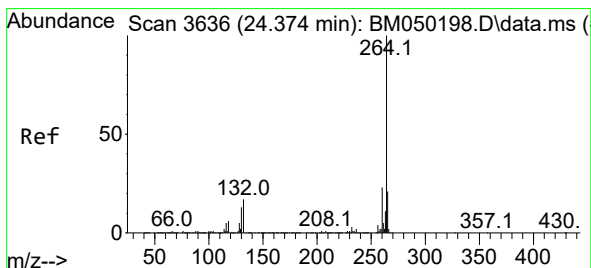
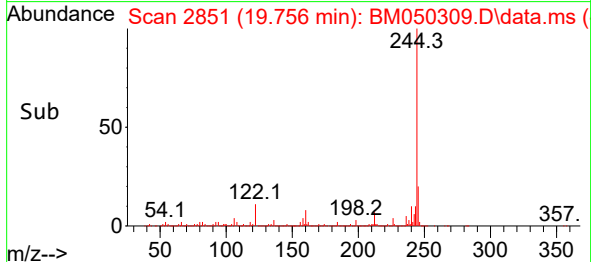
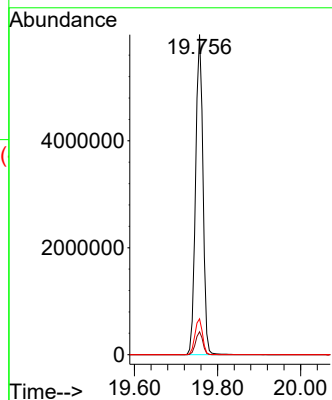
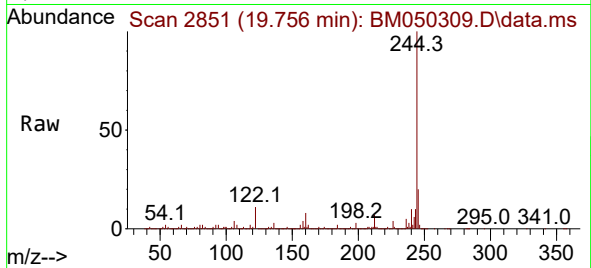




#79
 Terphenyl-d14
 Concen: 93.016 ng
 RT: 19.756 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM050309.D
 Acq: 13 Jun 2025 21:05

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:244 Resp: 7342090
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.327 min Scan# 3628
 Delta R.T. -0.018 min
 Lab File: BM050309.D
 Acq: 13 Jun 2025 21:05

Tgt Ion:264 Resp: 1541634
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.8 16.8 25.2

