

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050216.D
 Acq On : 06 Jun 2025 16:06
 Operator : RC/JU
 Sample : Q2207-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-703-COMP-01

Quant Time: Jun 06 16:54:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 05 16:20:25 2025
 Response via : Initial Calibration

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

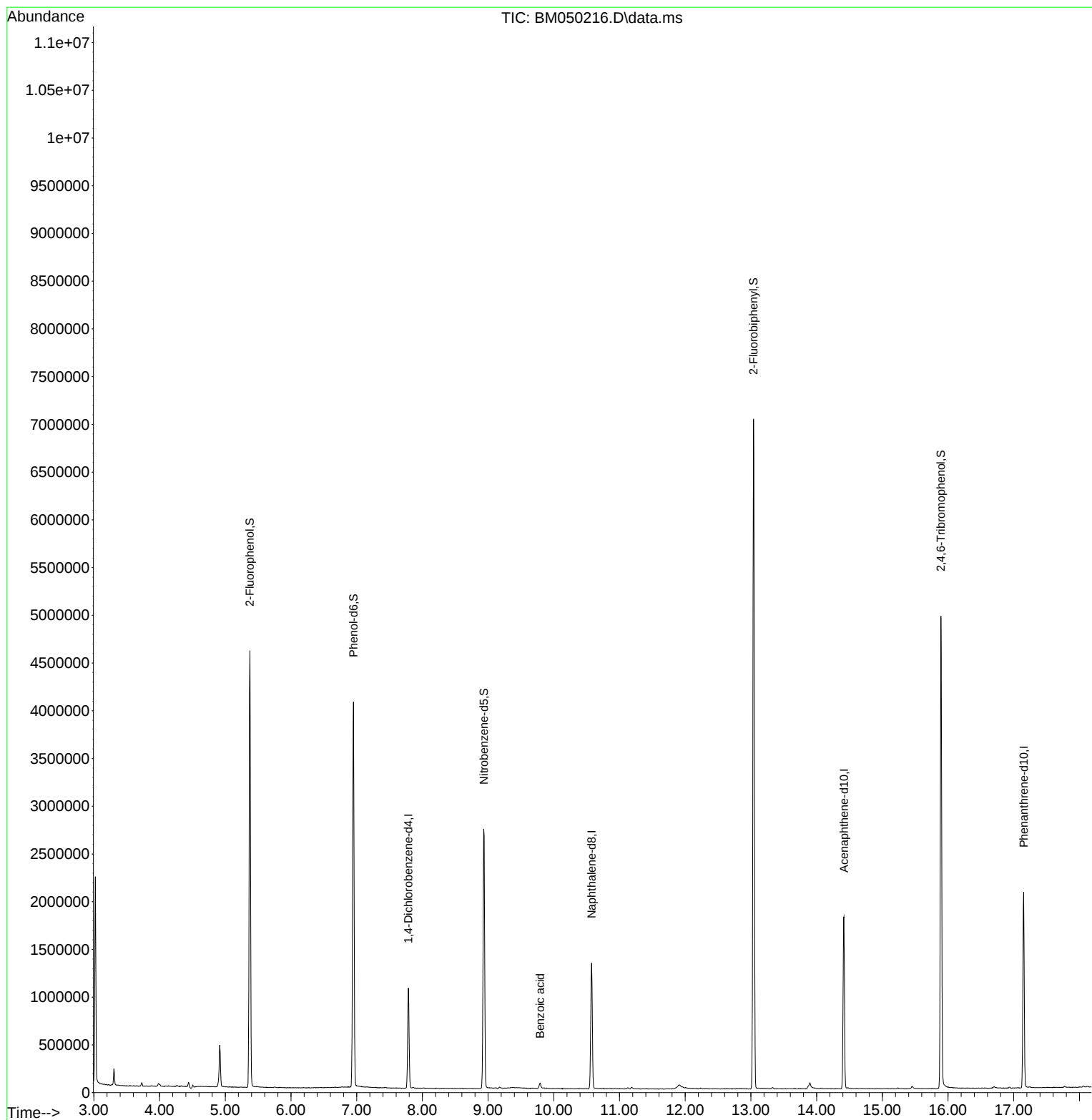
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	289452	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1124813	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	638368	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1162706	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1061848	20.000	ng	0.00
86) Perylene-d12	24.362	264	1128394	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2181497	125.722	ng	0.00
7) Phenol-d6	6.951	99	2599499	113.804	ng	0.00
23) Nitrobenzene-d5	8.934	82	1742254	80.557	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	925629	127.480	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3623948	76.857	ng	-0.01
79) Terphenyl-d14	19.774	244	4374976	78.078	ng	-0.01
Target Compounds						
32) Benzoic acid	9.792	122	24122	2.200	ng	Qvalue 97

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

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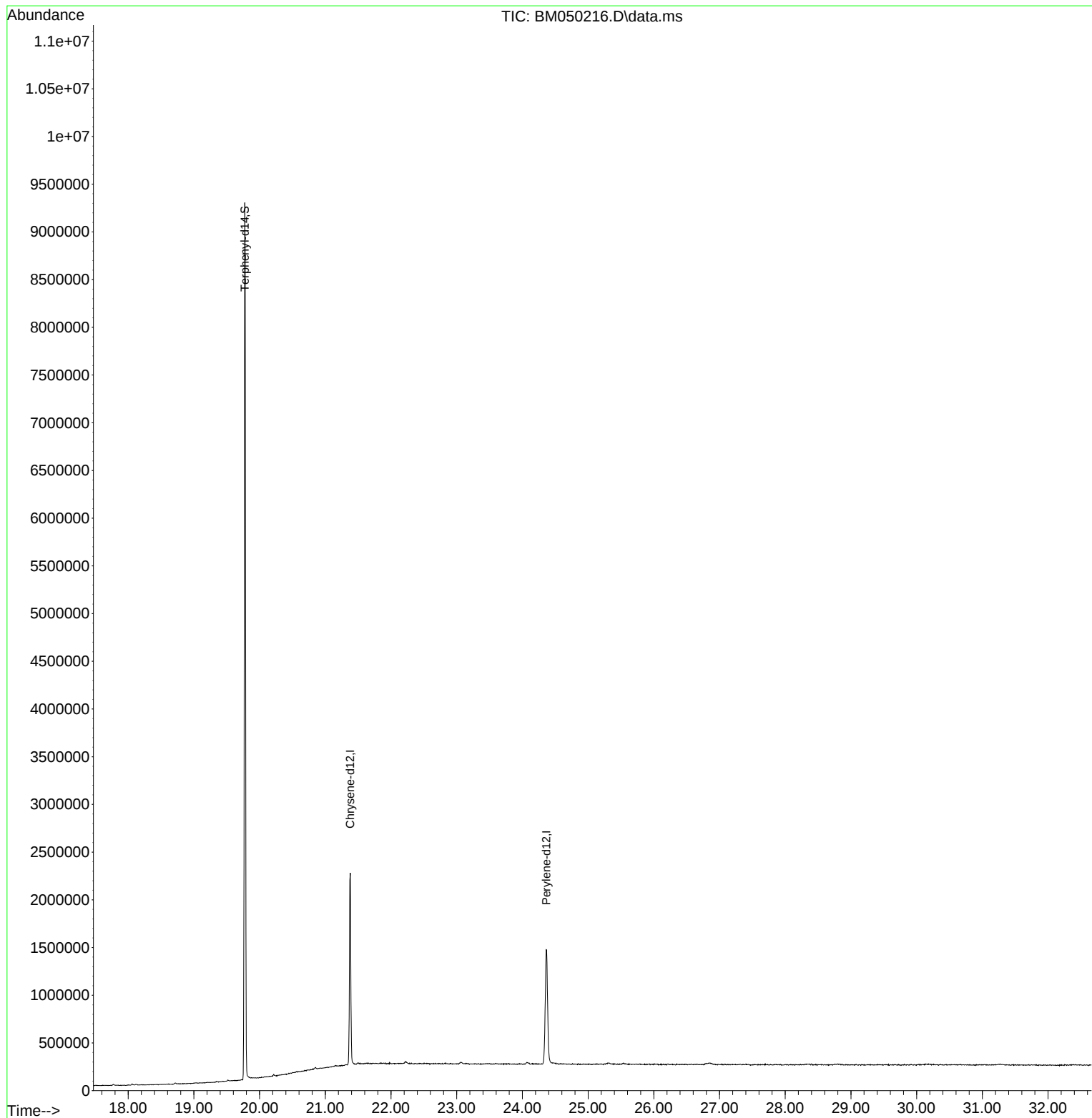
Quant Time: Jun 06 16:54:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

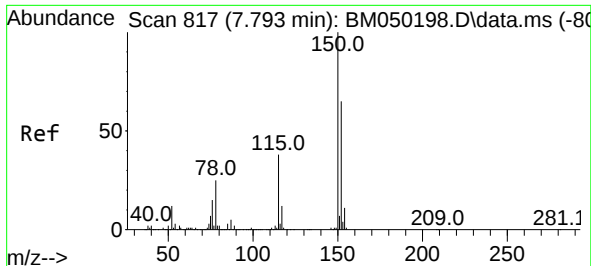


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
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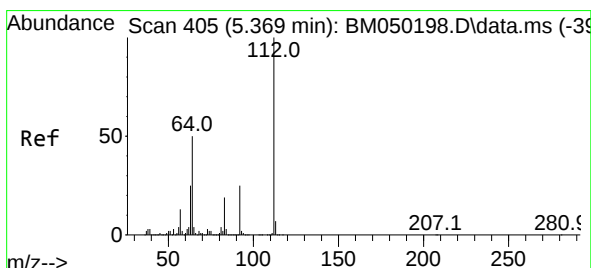
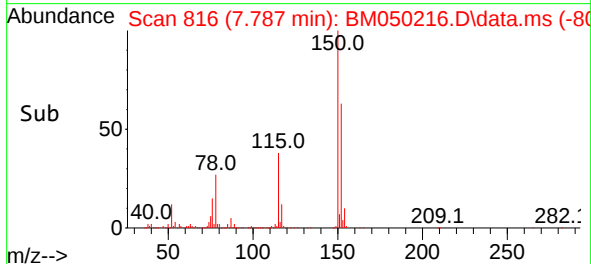
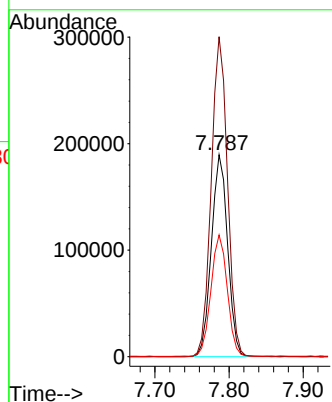
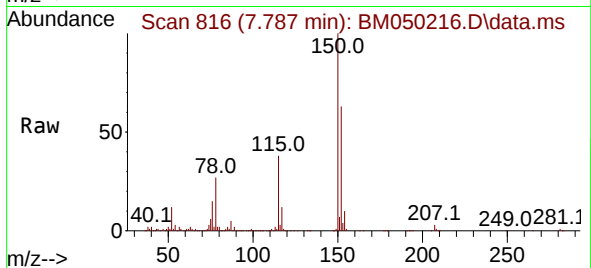




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

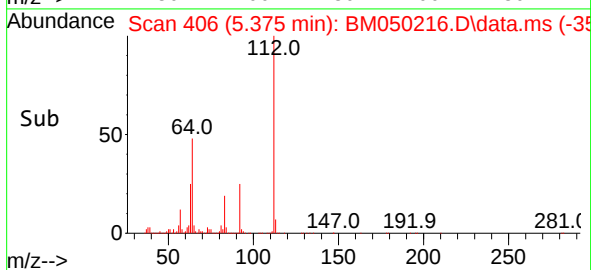
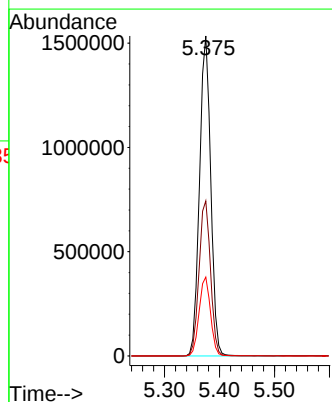
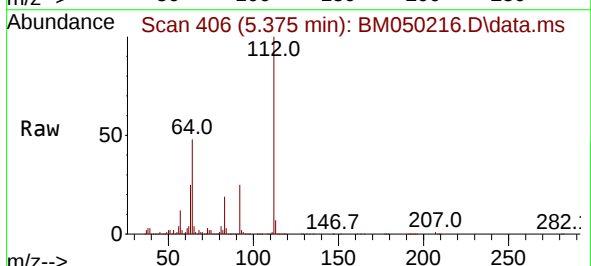
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-01

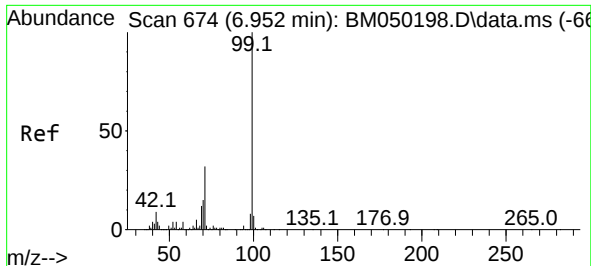
Tgt Ion:152 Resp: 289452
Ion Ratio Lower Upper
152 100
150 158.5 122.2 183.4
115 60.3 46.3 69.5



#5
2-Fluorophenol
Concen: 125.722 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

Tgt Ion:112 Resp: 2181497
Ion Ratio Lower Upper
112 100
64 48.4 39.8 59.6
63 24.7 19.8 29.8

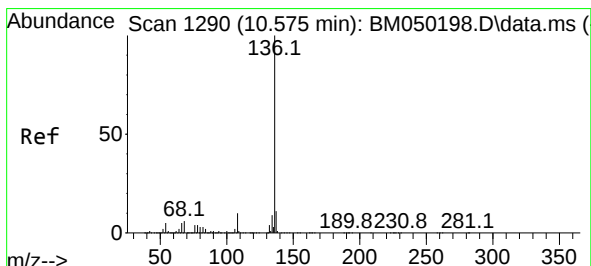
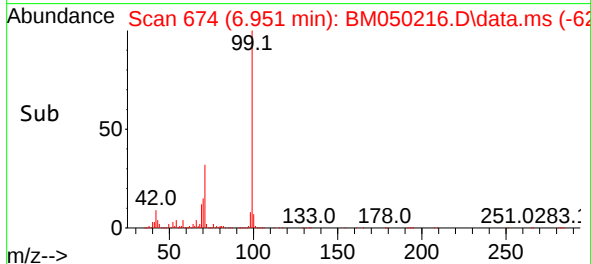
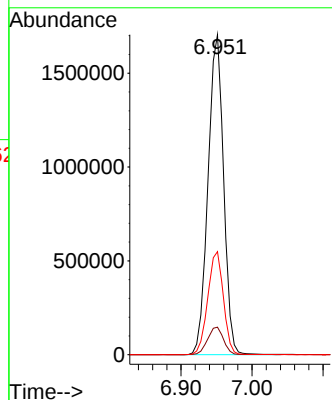
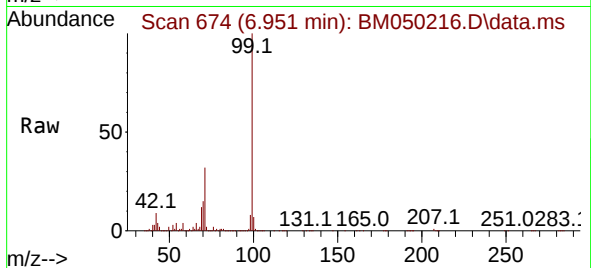




#7
Phenol-d6
Concen: 113.804 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

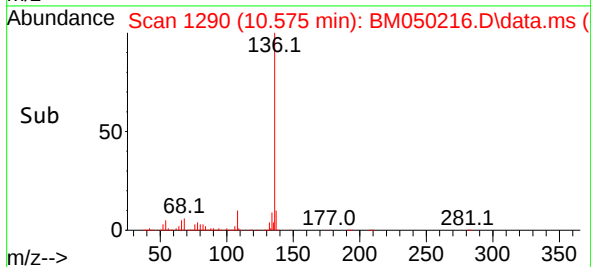
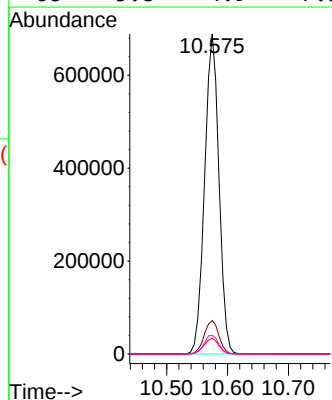
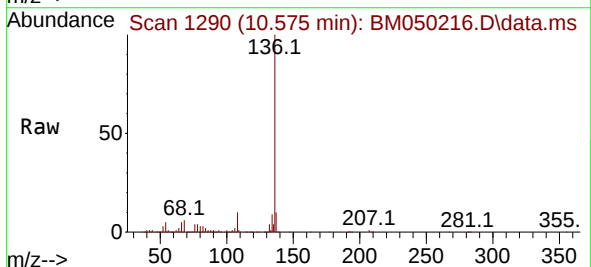
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-01

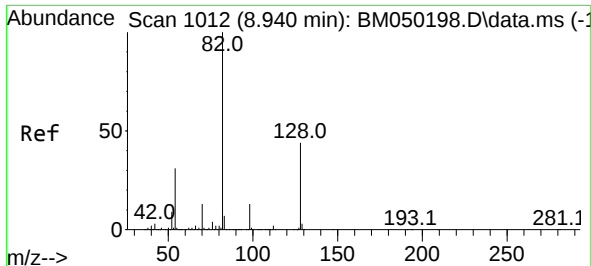
Tgt Ion: 99 Resp: 2599499
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

Tgt Ion: 136 Resp: 1124813
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 4.9 3.8 5.8
68 5.8 4.9 7.3

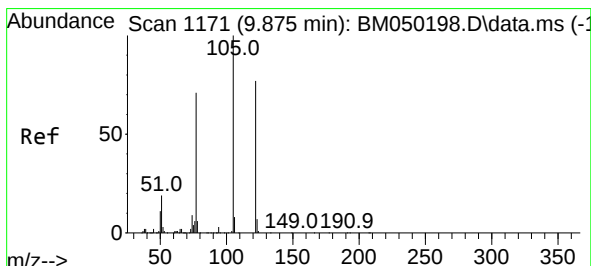
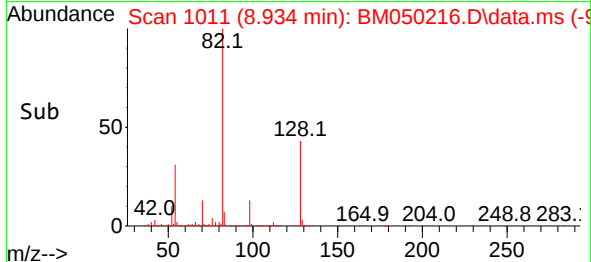
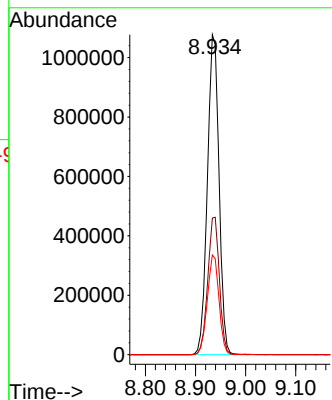
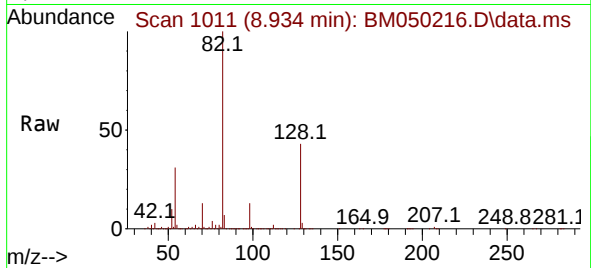




#23
Nitrobenzene-d5
Concen: 80.557 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

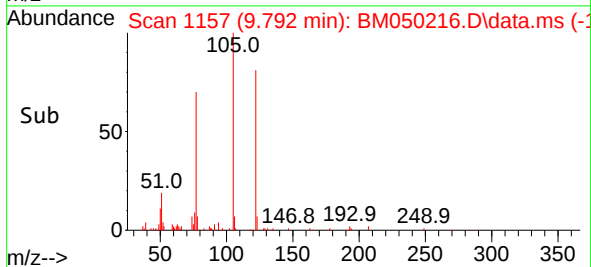
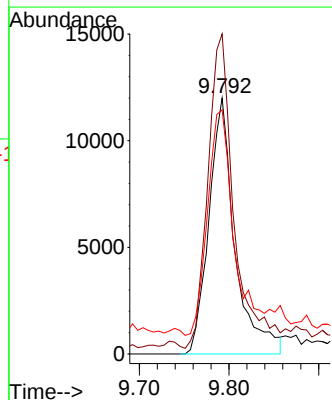
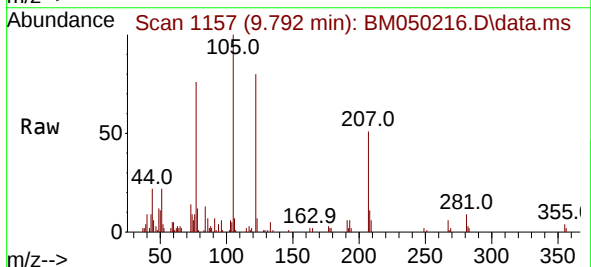
Instrument :
BNA_M
ClientSampleId :
BU-703-COMP-01

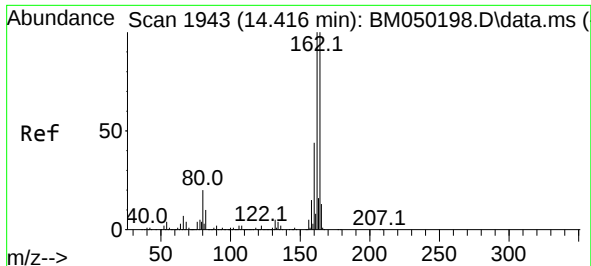
Tgt Ion: 82 Resp: 1742254
Ion Ratio Lower Upper
82 100
128 42.7 35.2 52.8
54 31.1 24.5 36.7



#32
Benzoic acid
Concen: 2.200 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.124 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

Tgt Ion:122 Resp: 24122
Ion Ratio Lower Upper
122 100
105 125.0 103.4 143.4
77 95.4 70.3 110.3

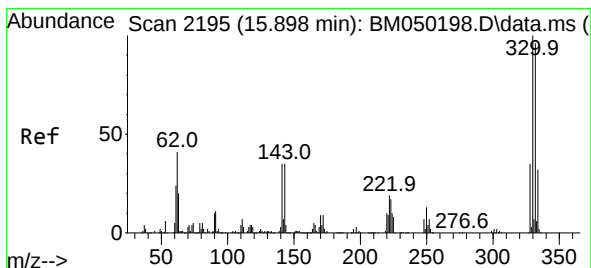
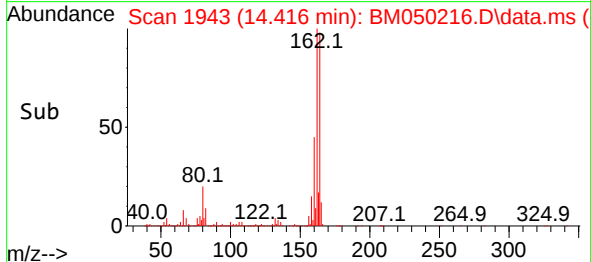
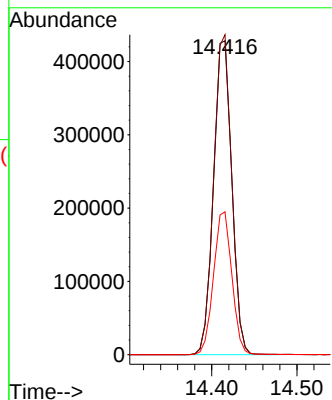
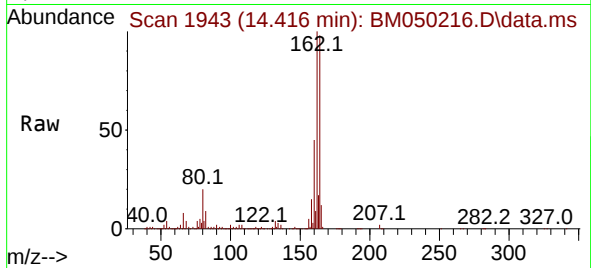




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.000 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

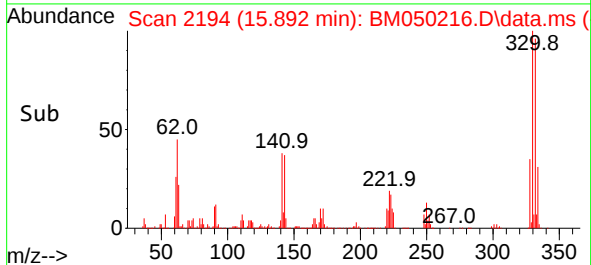
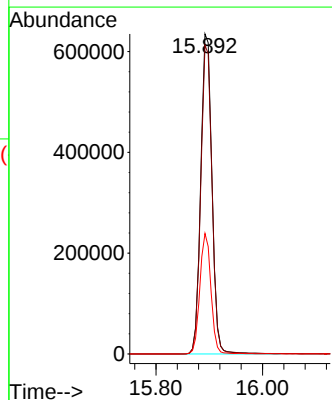
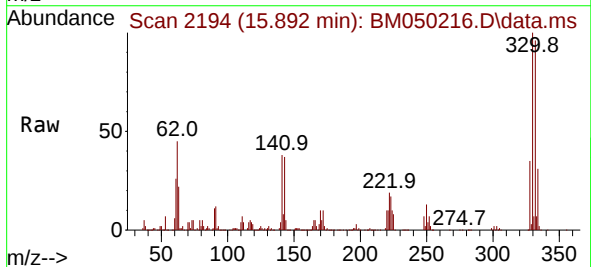
Instrument :
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ClientSampleId :
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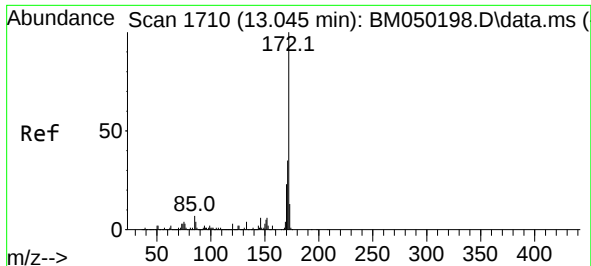
Tgt Ion:164 Resp: 638368
Ion Ratio Lower Upper
164 100
162 101.9 80.2 120.4
160 45.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 127.480 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

Tgt Ion:330 Resp: 925629
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 37.3 28.8 43.2

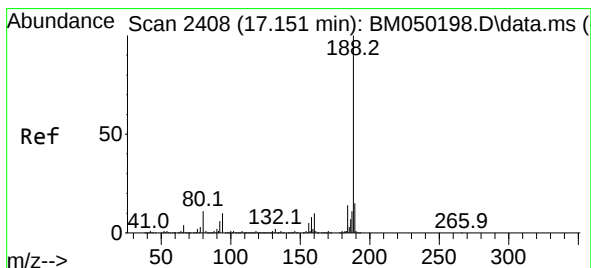
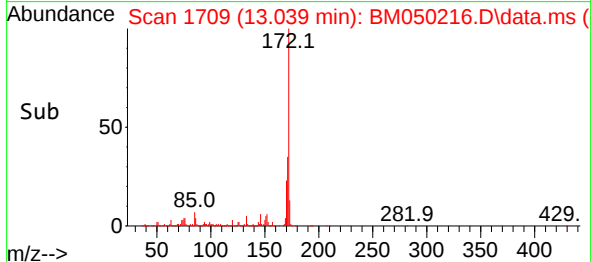
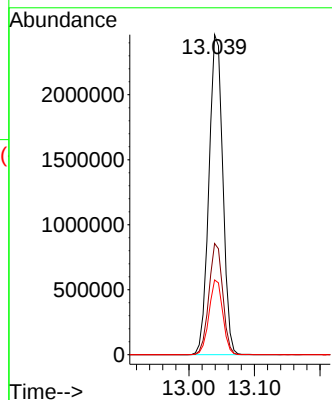
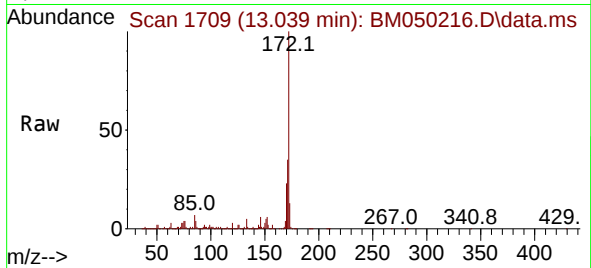




#45
2-Fluorobiphenyl
Concen: 76.857 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

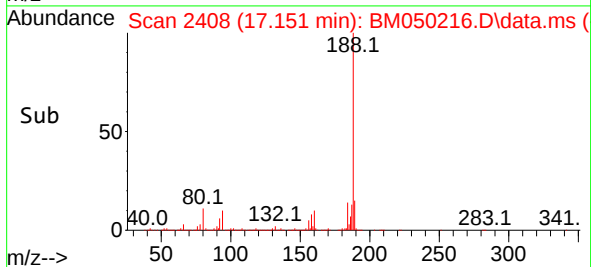
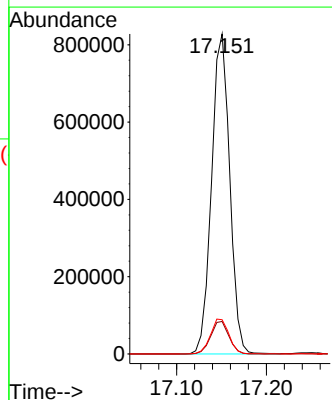
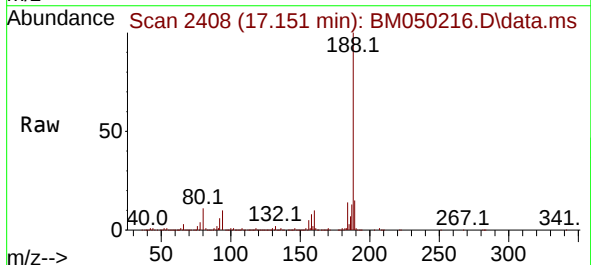
Instrument :
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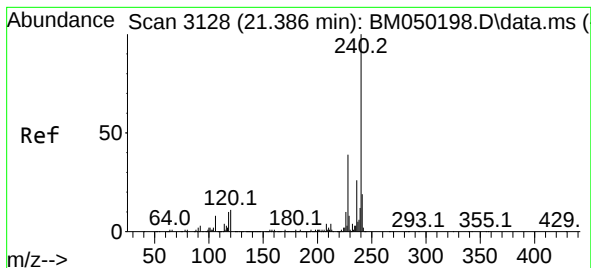
Tgt Ion:172 Resp: 3623948
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050216.D
Acq: 06 Jun 2025 16:06

Tgt Ion:188 Resp: 1162706
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 10.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050216.D

Acq: 06 Jun 2025 16:06

Instrument :

BNA_M

ClientSampleId :

BU-703-COMP-01

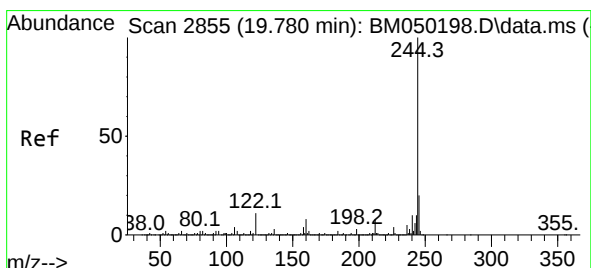
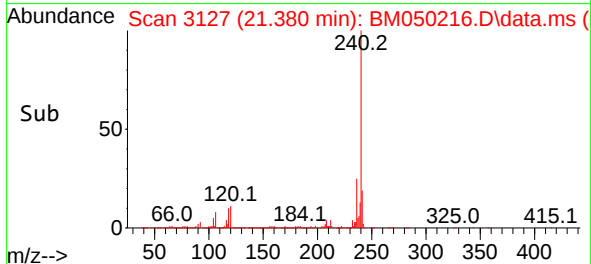
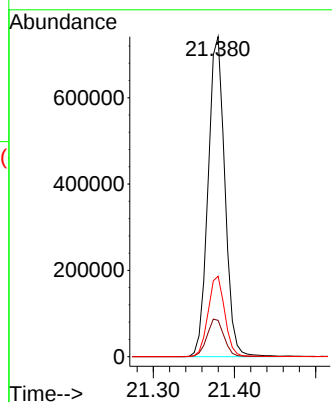
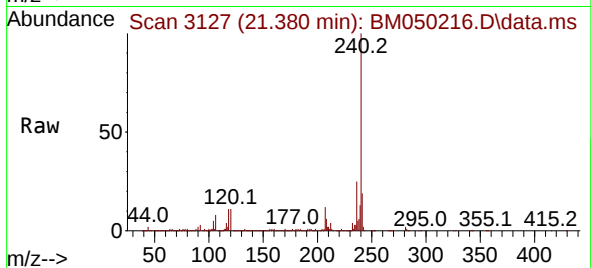
Tgt Ion:240 Resp: 1061848

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.1 20.7 31.1



#79

Terphenyl-d14

Concen: 78.078 ng

RT: 19.774 min Scan# 2854

Delta R.T. -0.012 min

Lab File: BM050216.D

Acq: 06 Jun 2025 16:06

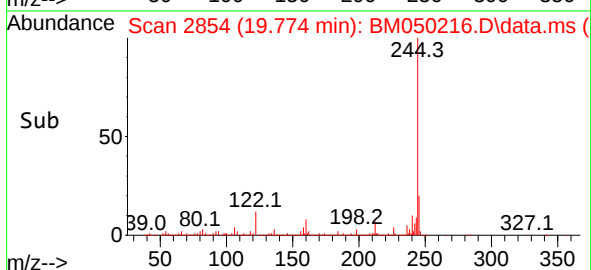
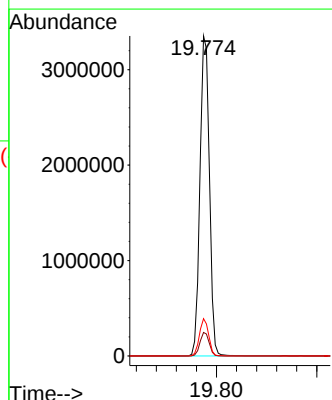
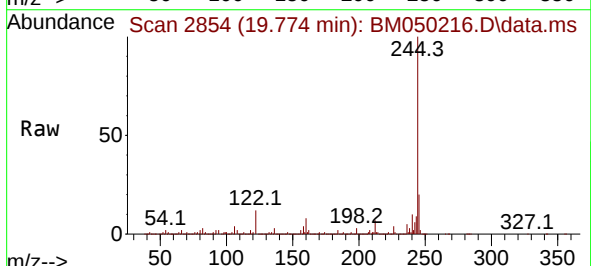
Tgt Ion:244 Resp: 4374976

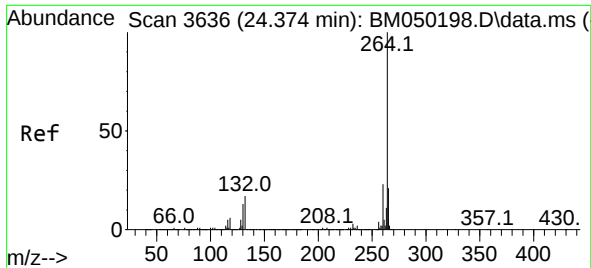
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

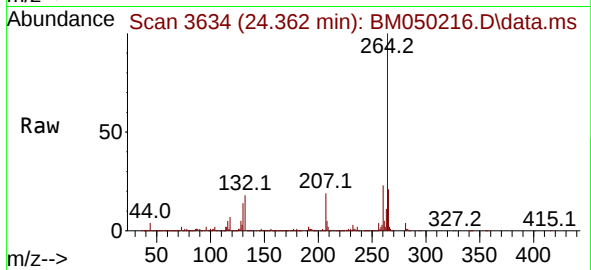
122 11.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.362 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM050216.D
 Acq: 06 Jun 2025 16:06

Instrument :
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Tgt Ion:264 Resp: 1128394
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.3 16.8 25.2

