

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050283.D
 Acq On : 11 Jun 2025 20:42
 Operator : RC/JU
 Sample : Q2262-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ARS20-0001

Quant Time: Jun 12 02:56:40 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)

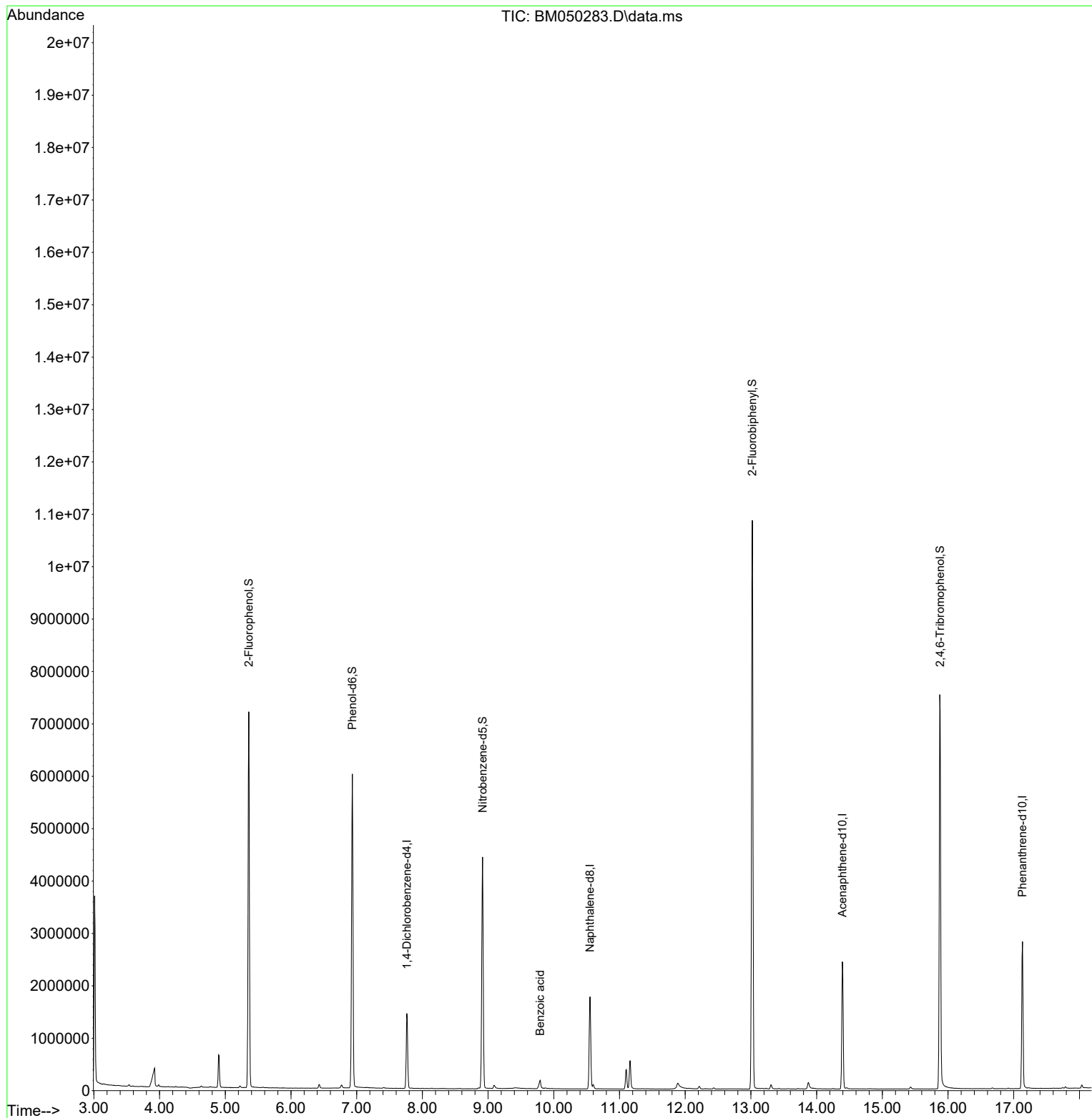
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	398749	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1499342	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	842295	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1597289	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1691188	20.000	ng	-0.01
86) Perylene-d12	24.333	264	1840525	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3377414	141.292	ng	0.00
7) Phenol-d6	6.934	99	3886513	123.510	ng	0.00
23) Nitrobenzene-d5	8.916	82	2757346	95.645	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1514555	158.087	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5802560	93.267	ng	0.00
79) Terphenyl-d14	19.762	244	8004451	89.692	ng	0.00
Target Compounds						
32) Benzoic acid	9.792	122	78980	5.404	ng	Qvalue 96

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

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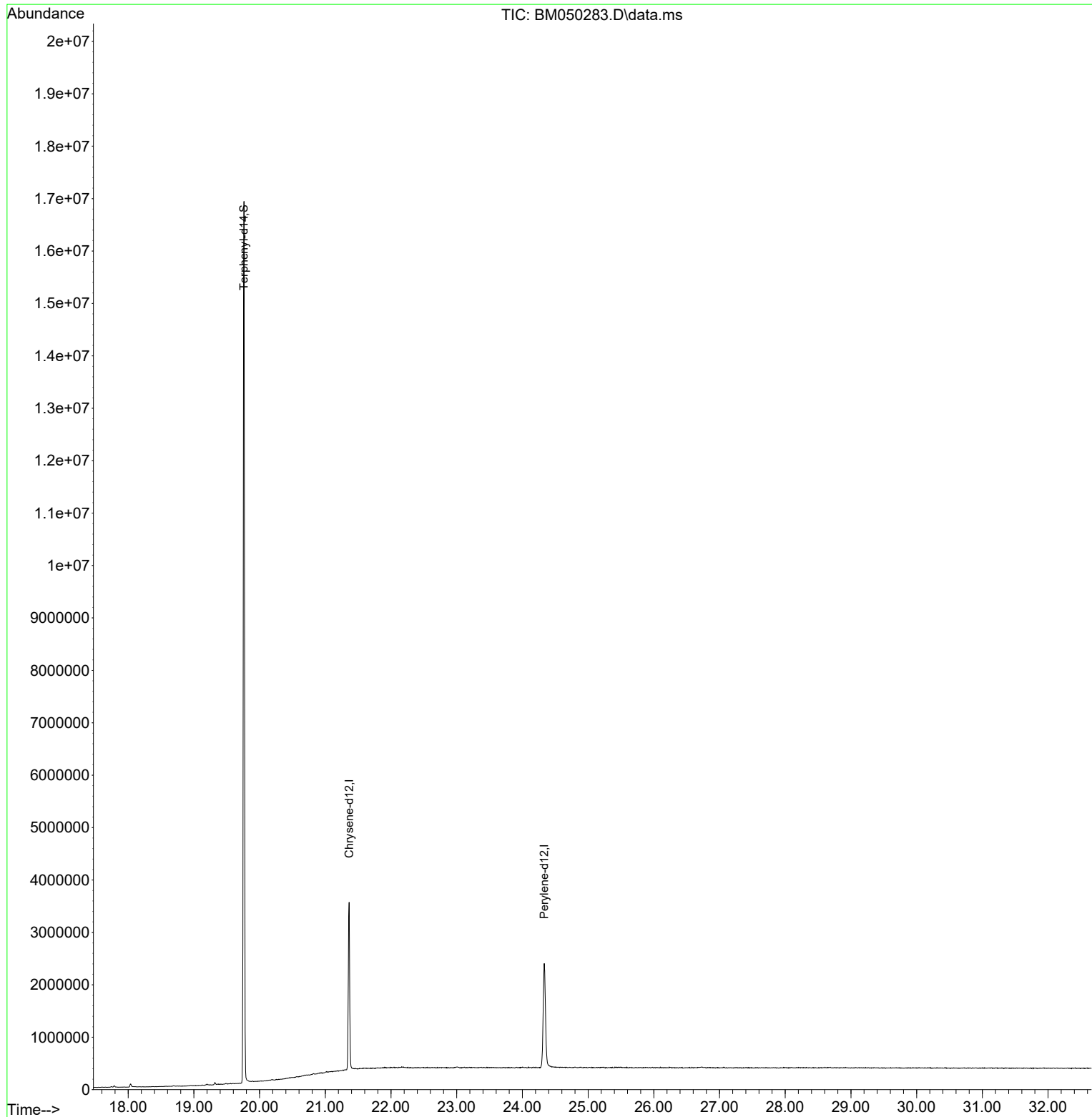
Quant Time: Jun 12 02:56:40 2025
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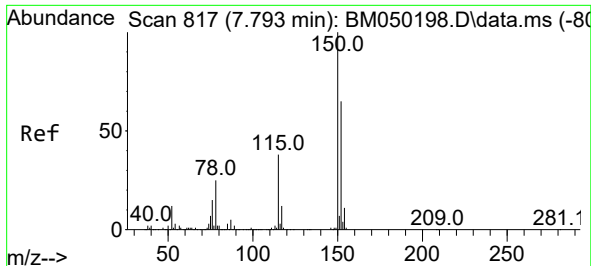


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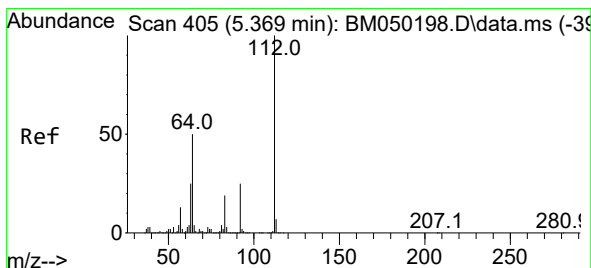
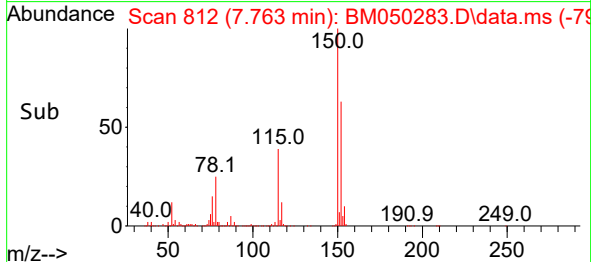
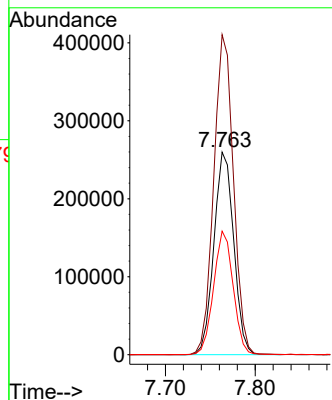
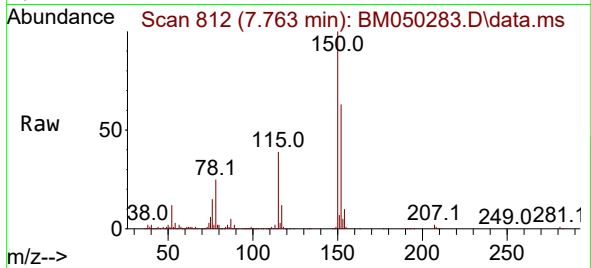




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

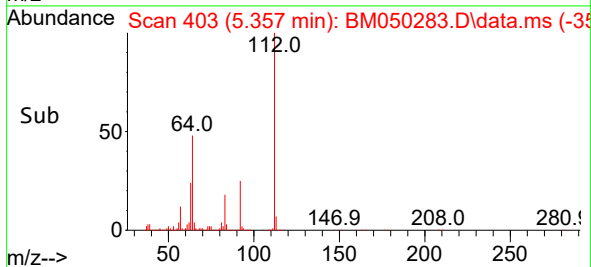
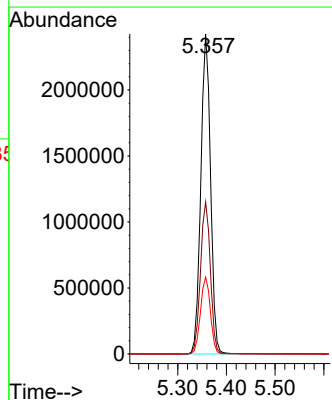
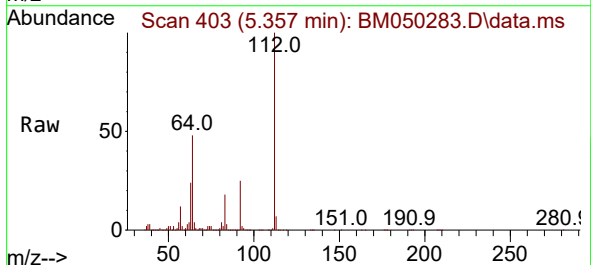
Instrument :
BNA_M
ClientSampleId :
ARS20-0001

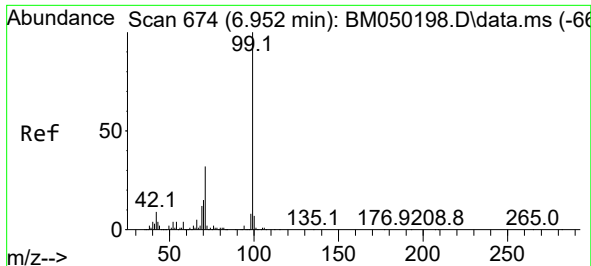
Tgt Ion:152 Resp: 398749
Ion Ratio Lower Upper
152 100
150 158.0 122.2 183.4
115 61.0 46.3 69.5



#5
2-Fluorophenol
Concen: 141.292 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Tgt Ion:112 Resp: 3377414
Ion Ratio Lower Upper
112 100
64 47.5 39.8 59.6
63 24.1 19.8 29.8

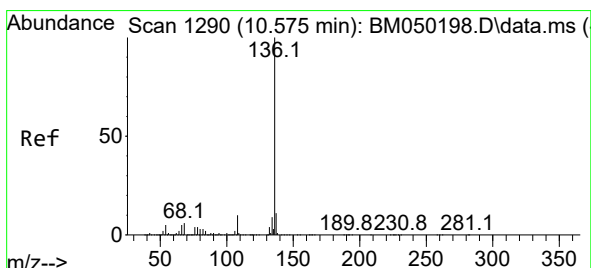
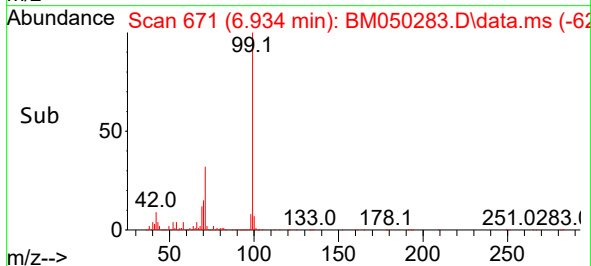
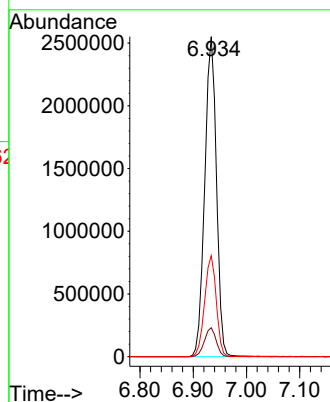
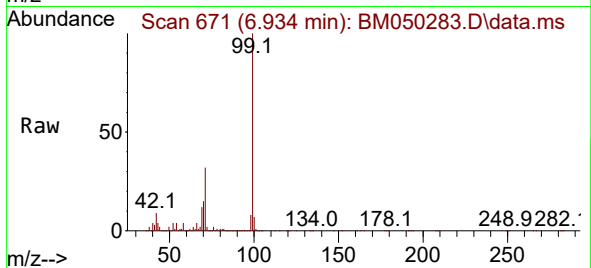




#7
Phenol-d6
Concen: 123.510 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

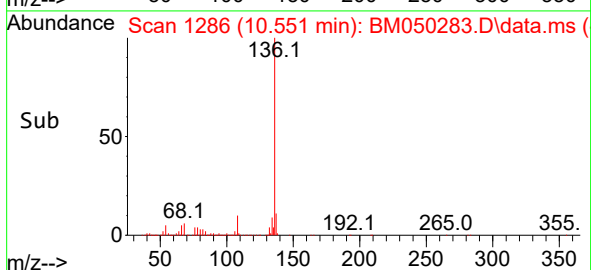
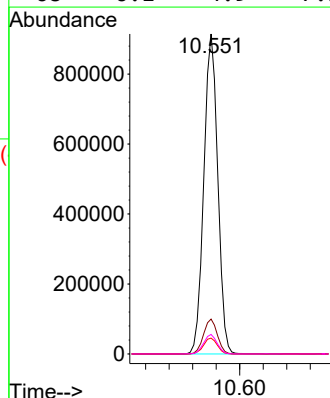
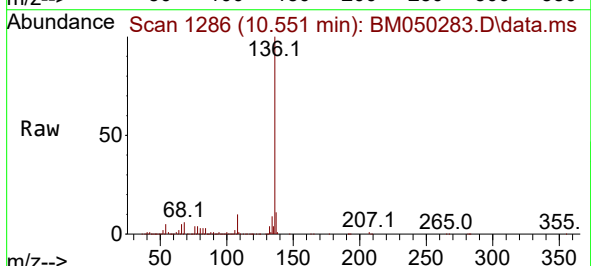
Instrument :
BNA_M
ClientSampleId :
ARS20-0001

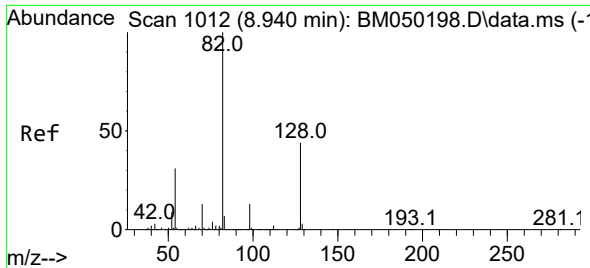
Tgt Ion: 99 Resp: 3886513
Ion Ratio Lower Upper
99 100
42 9.0 6.9 10.3
71 31.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Tgt Ion: 136 Resp: 1499342
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 5.0 3.8 5.8
68 6.1 4.9 7.3

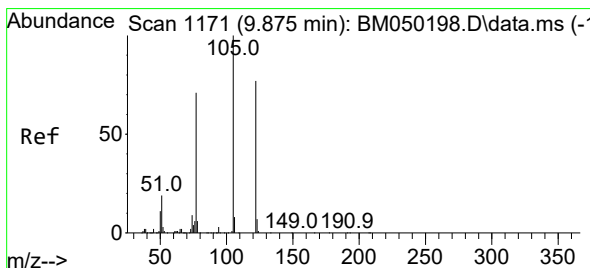
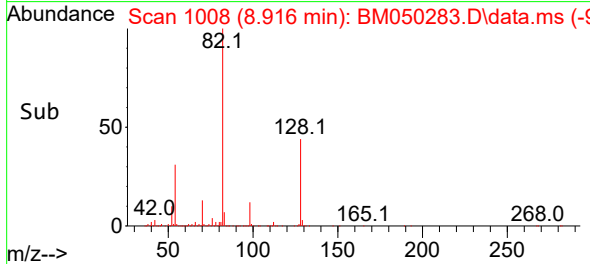
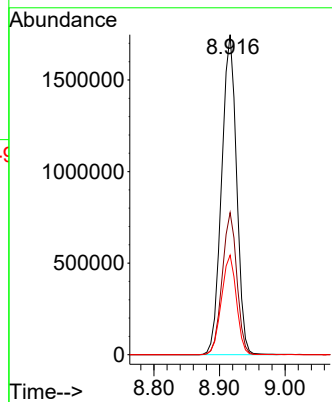
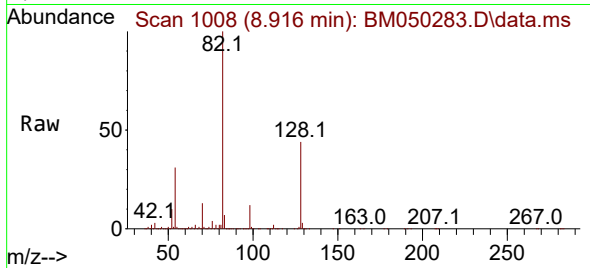




#23
Nitrobenzene-d5
Concen: 95.645 ng
RT: 8.916 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

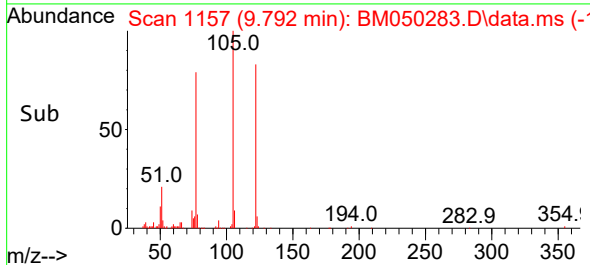
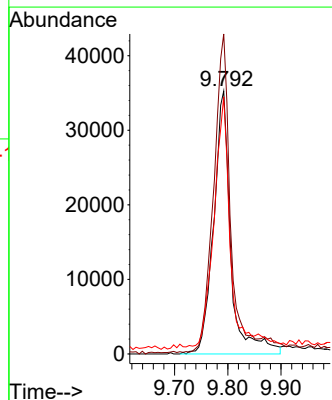
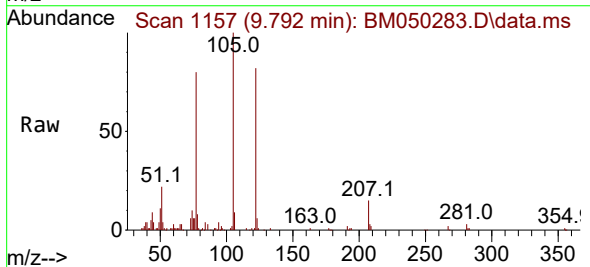
Instrument :
BNA_M
ClientSampleId :
ARS20-0001

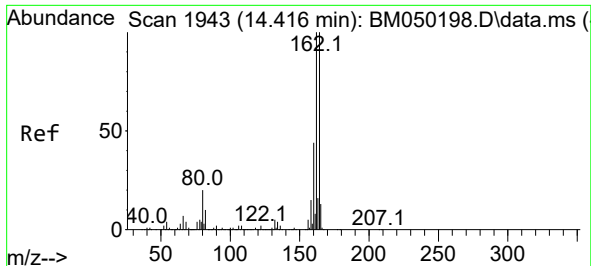
Tgt Ion: 82 Resp: 2757346
Ion Ratio Lower Upper
82 100
128 44.4 35.2 52.8
54 31.1 24.5 36.7



#32
Benzoic acid
Concen: 5.404 ng
RT: 9.792 min Scan# 1157
Delta R.T. -0.053 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Tgt Ion: 122 Resp: 78980
Ion Ratio Lower Upper
122 100
105 121.7 103.4 143.4
77 97.8 70.3 110.3

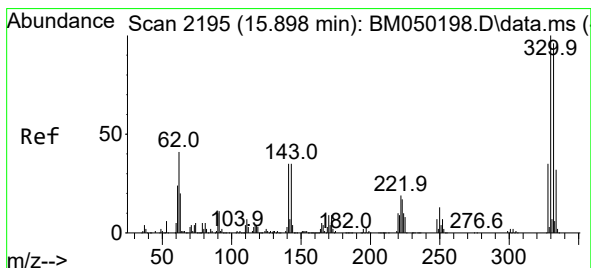
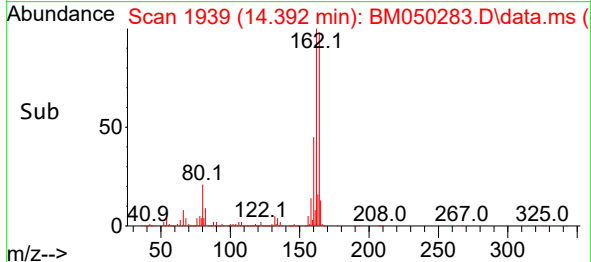
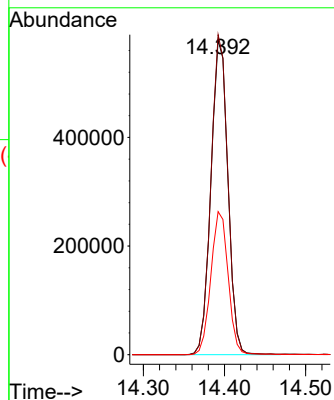
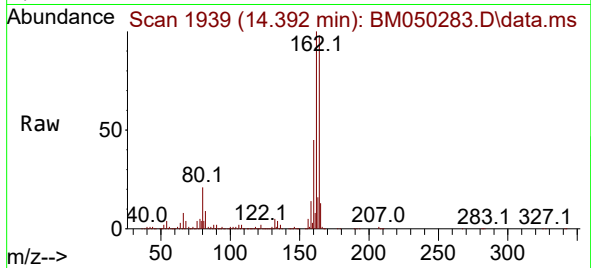




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

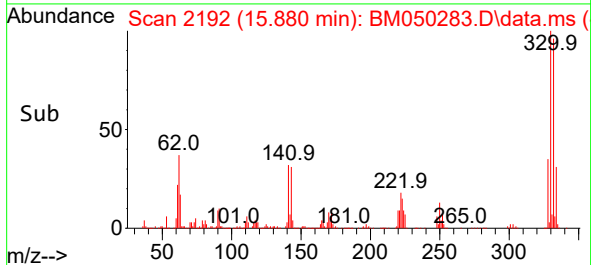
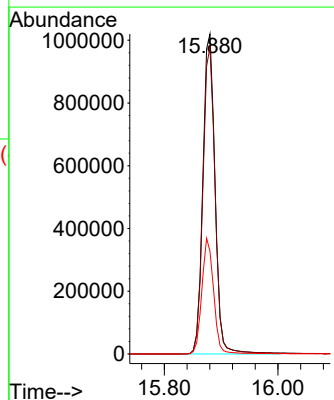
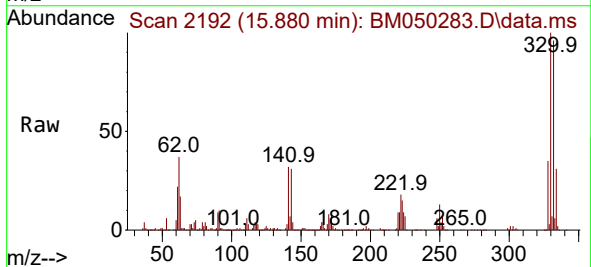
Instrument :
BNA_M
ClientSampleId :
ARS20-0001

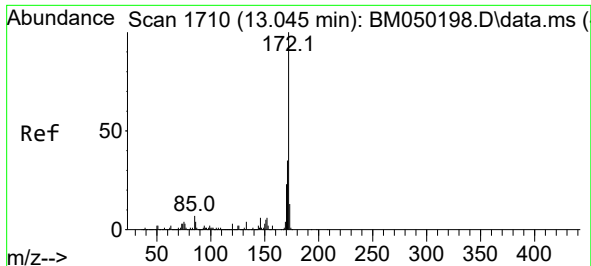
Tgt Ion:164 Resp: 842295
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.4
160 45.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 158.087 ng
RT: 15.880 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Tgt Ion:330 Resp: 1514555
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 35.1 28.8 43.2

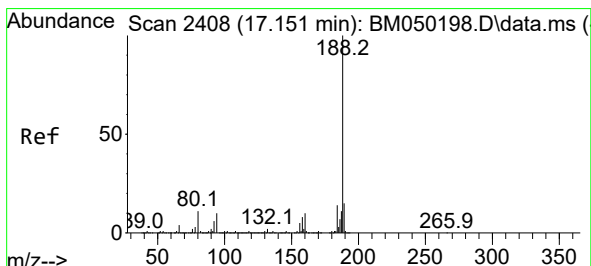
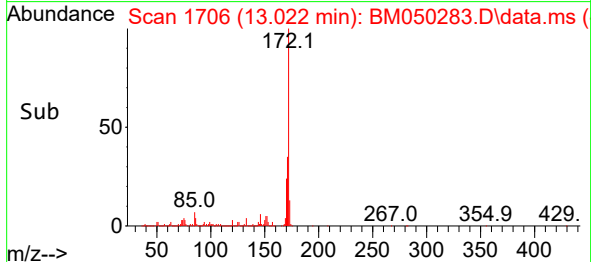
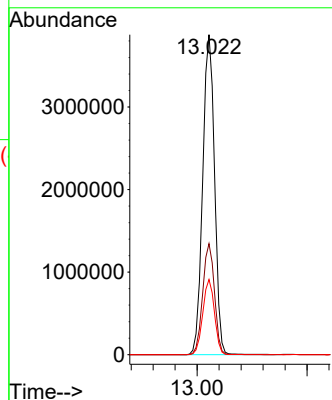
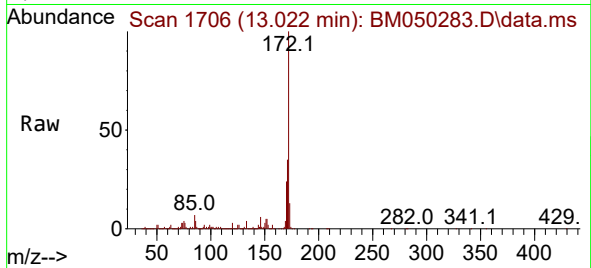




#45
2-Fluorobiphenyl
Concen: 93.267 ng
RT: 13.022 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

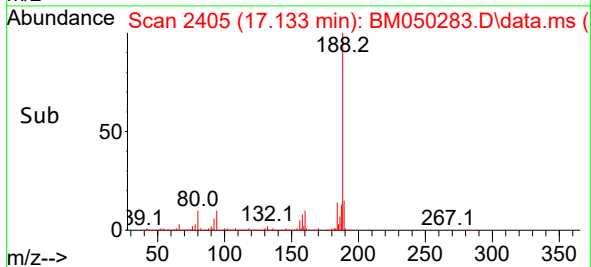
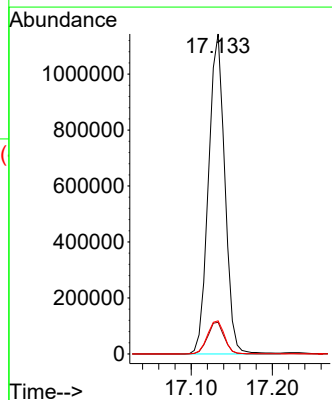
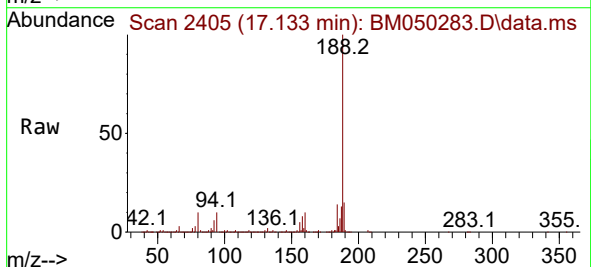
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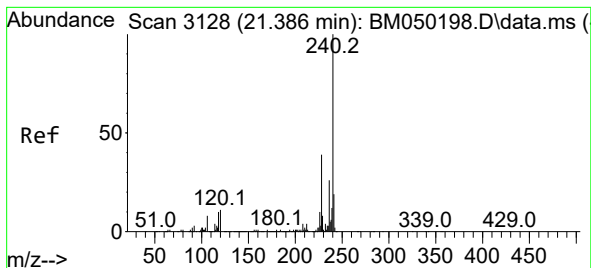
Tgt Ion:172 Resp: 5802560
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.5 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Tgt Ion:188 Resp: 1597289
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.4 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050283.D

Acq: 11 Jun 2025 20:42

Instrument :

BNA_M

ClientSampleId :

ARS20-0001

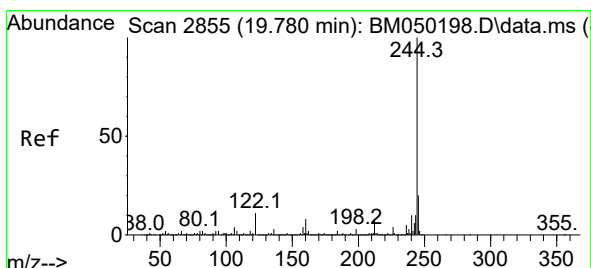
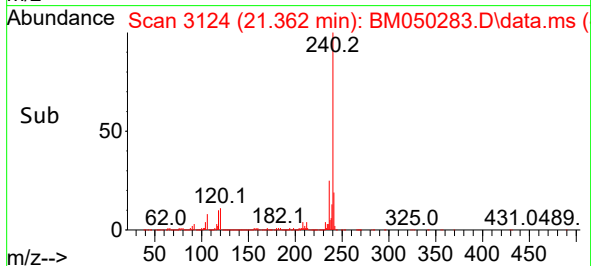
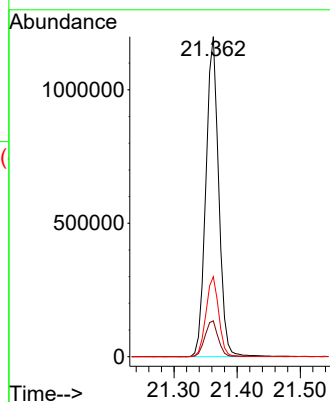
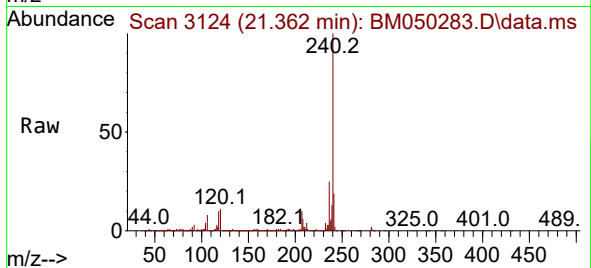
Tgt Ion:240 Resp: 1691188

Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.0 20.7 31.1



#79

Terphenyl-d14

Concen: 89.692 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050283.D

Acq: 11 Jun 2025 20:42

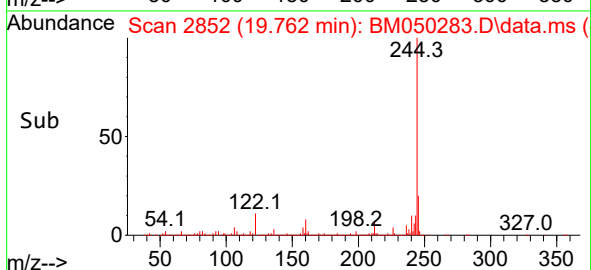
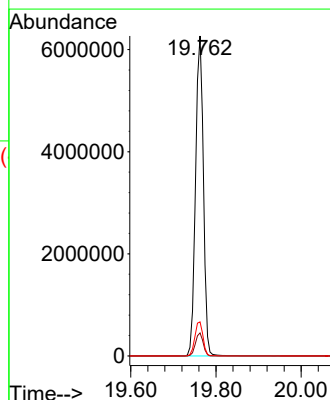
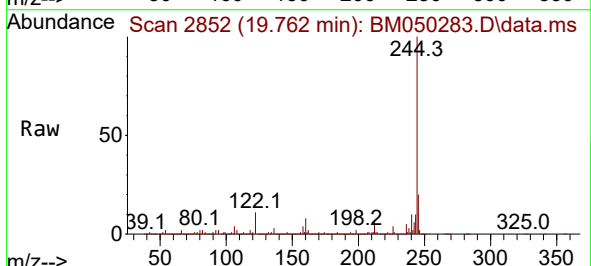
Tgt Ion:244 Resp: 8004451

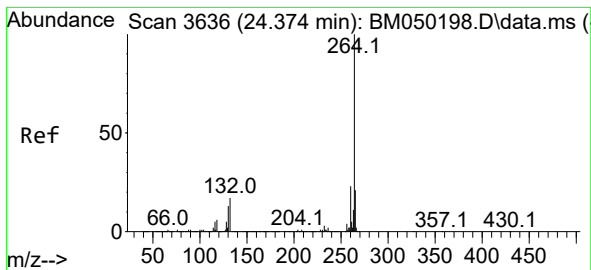
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.7 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.333 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM050283.D
Acq: 11 Jun 2025 20:42

Instrument :
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Tgt Ion:264 Resp: 1840525
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 22.2 16.8 25.2

