

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050226.D
 Acq On : 06 Jun 2025 23:22
 Operator : RC/JU
 Sample : PB168271TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168271TB

Quant Time: Jun 07 01:22:04 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	358609	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1359938	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	776933	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1434193	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1254575	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1261316	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2842427	132.221	ng	0.00
7) Phenol-d6	6.951	99	3513251	124.146	ng	0.00
23) Nitrobenzene-d5	8.934	82	2064741	78.962	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	1128266	127.674	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	4591404	80.008	ng	-0.01
79) Terphenyl-d14	19.774	244	5446768	82.273	ng	-0.01

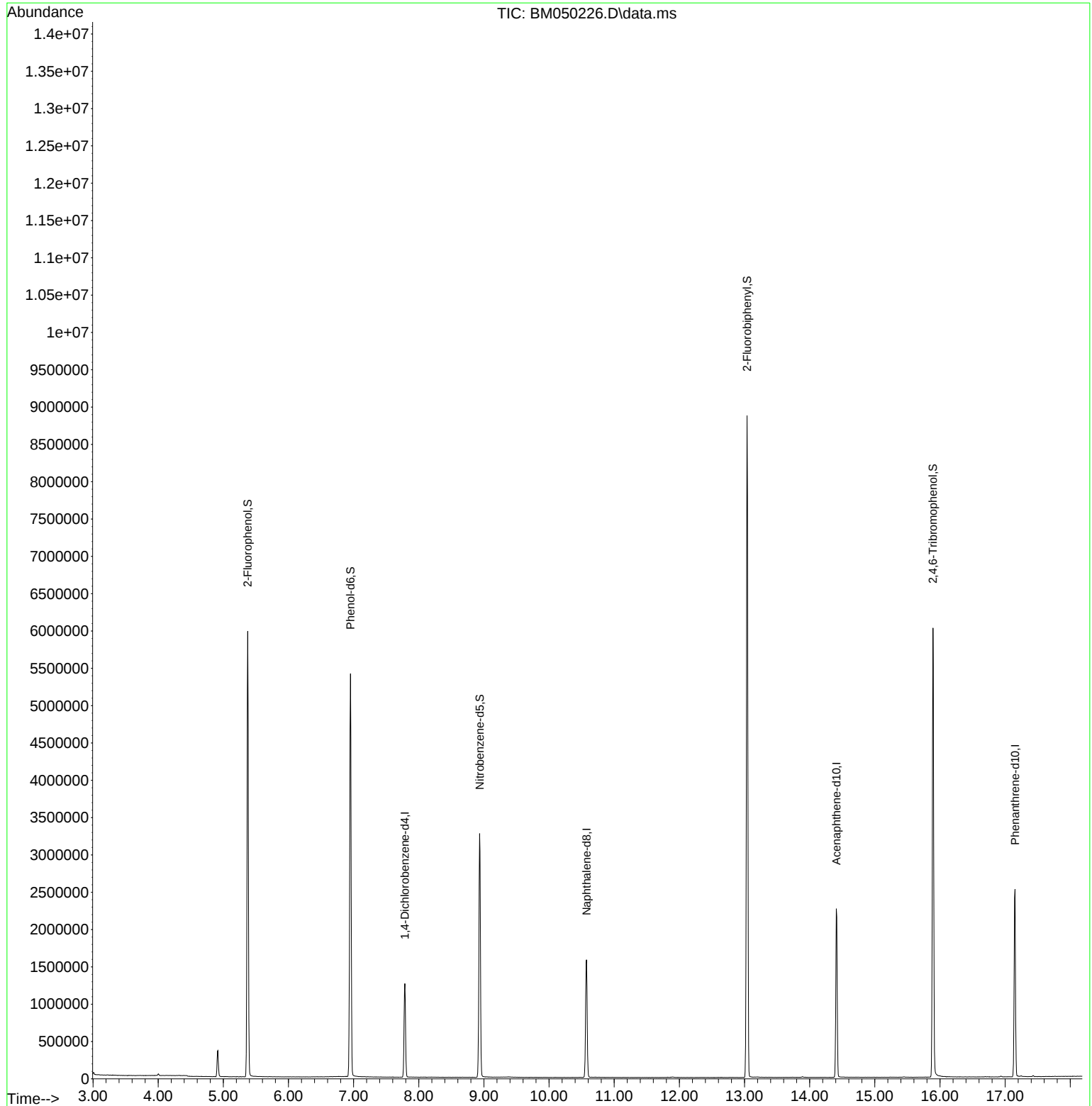
Target Compounds	Qvalue

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

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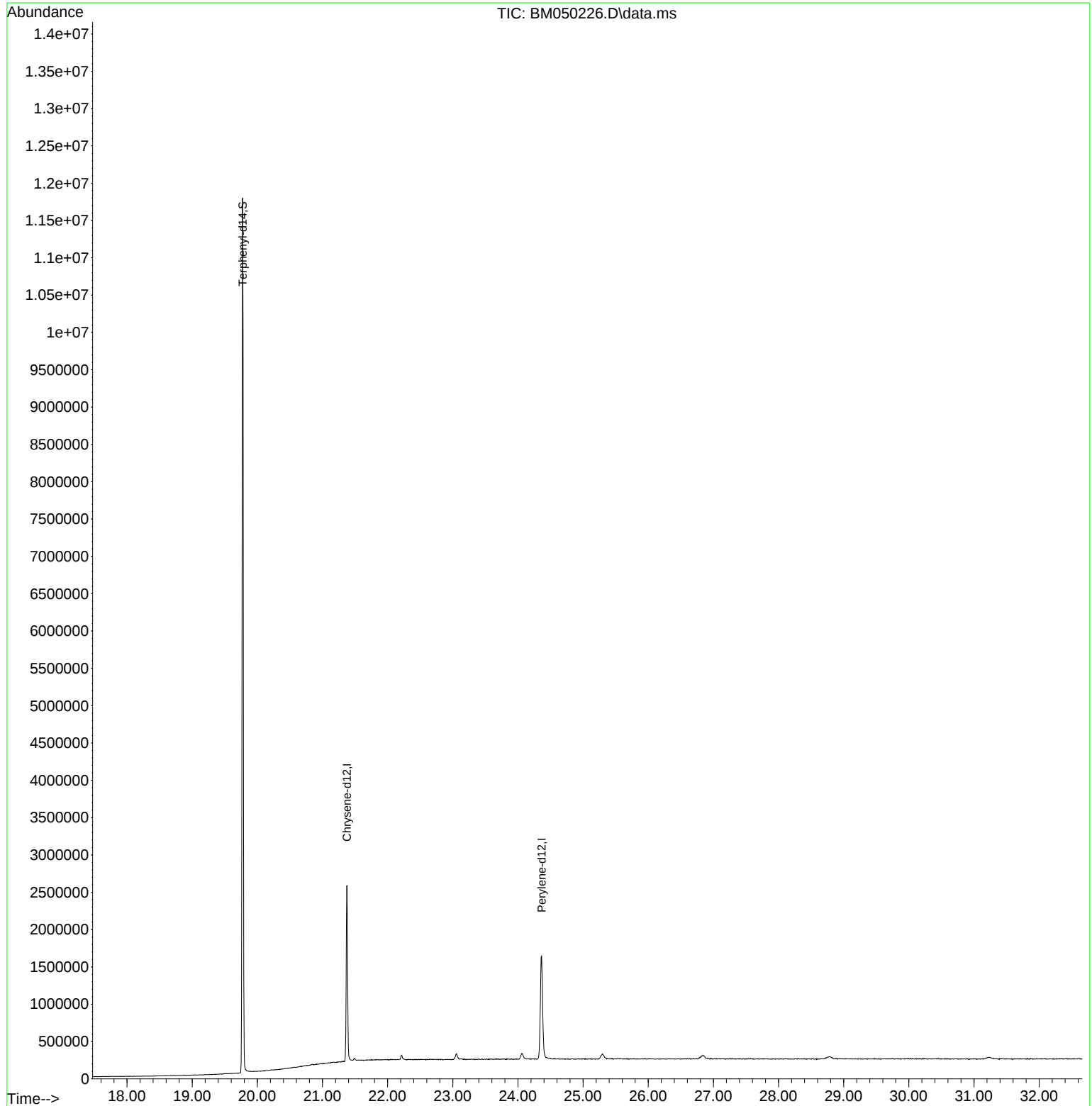
Quant Time: Jun 07 01:22:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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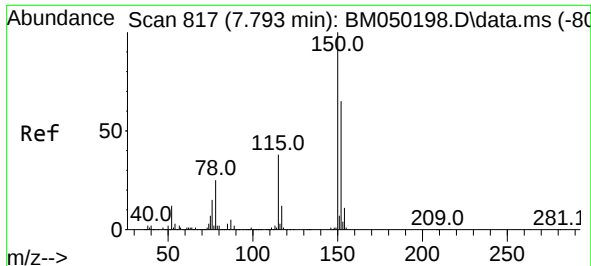


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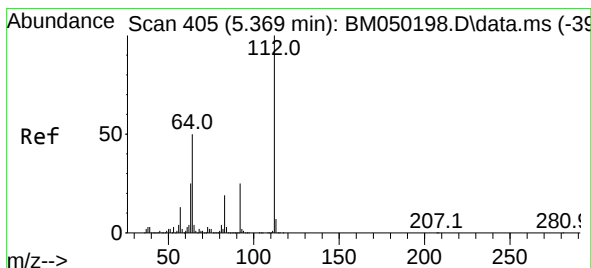
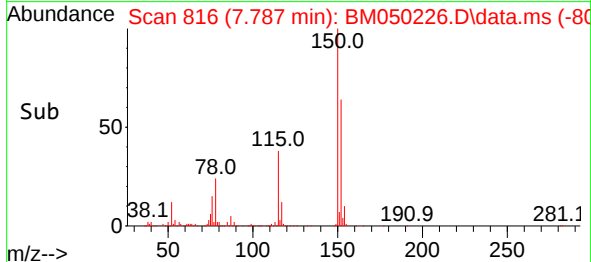
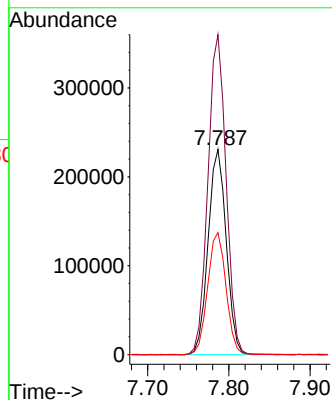
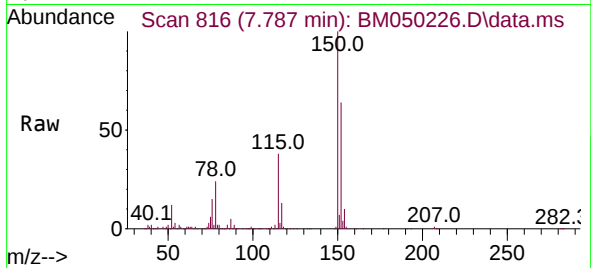




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

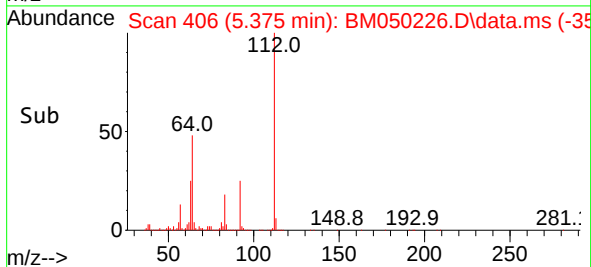
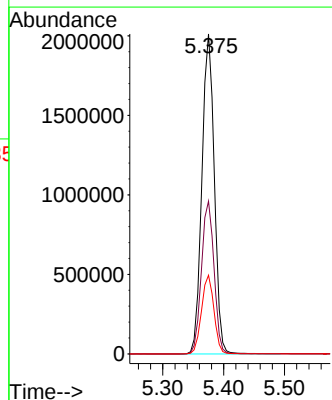
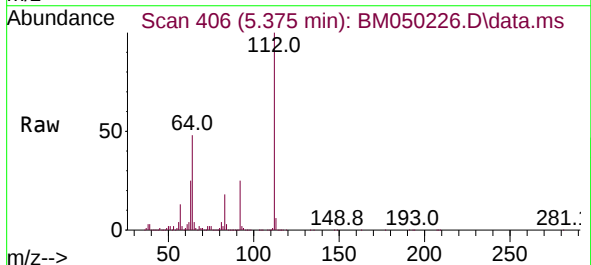
Instrument :
BNA_M
ClientSampleId :
PB168271TB

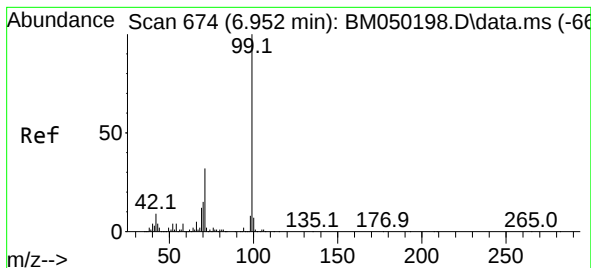
Tgt Ion:152 Resp: 358609
Ion Ratio Lower Upper
152 100
150 155.9 122.2 183.4
115 59.5 46.3 69.5



#5
2-Fluorophenol
Concen: 132.221 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:112 Resp: 2842427
Ion Ratio Lower Upper
112 100
64 47.7 39.8 59.6
63 24.6 19.8 29.8





#7

Phenol-d6

Concen: 124.146 ng

RT: 6.951 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM050226.D

Acq: 06 Jun 2025 23:22

Instrument :

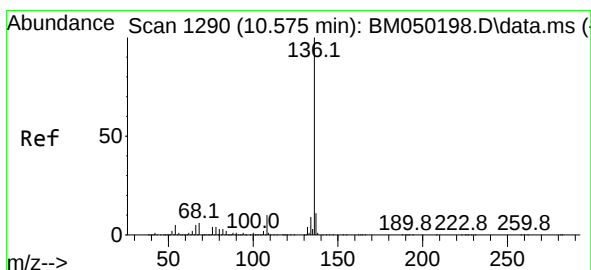
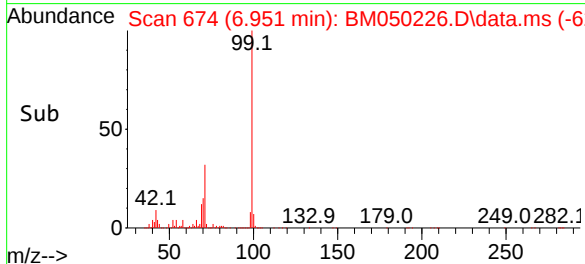
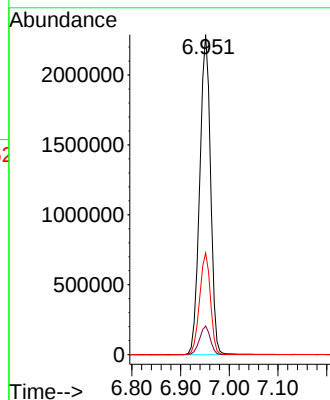
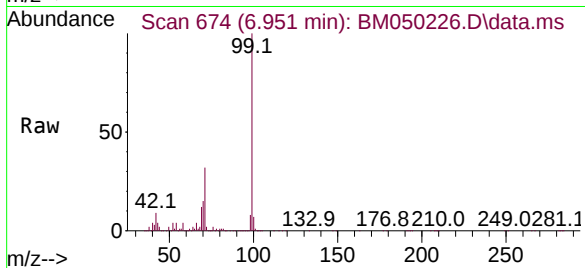
BNA_M

ClientSampleId :

PB168271TB

Tgt Ion: 99 Resp: 3513251

Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	31.8	25.3	37.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.575 min Scan# 1290

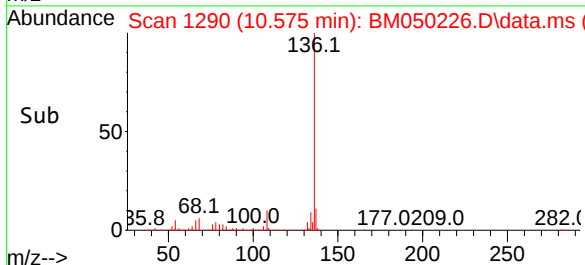
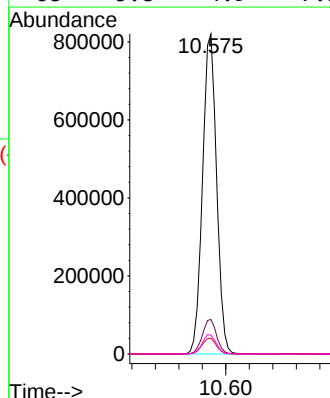
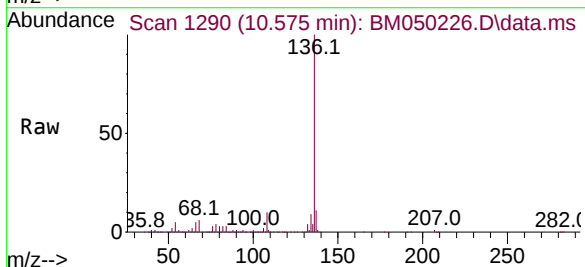
Delta R.T. -0.006 min

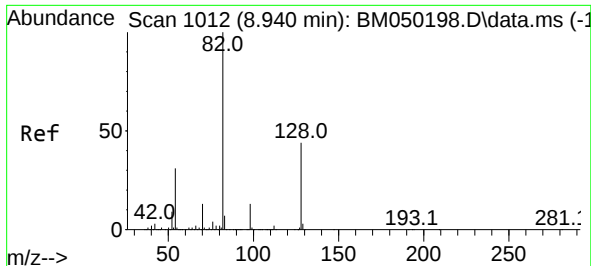
Lab File: BM050226.D

Acq: 06 Jun 2025 23:22

Tgt Ion: 136 Resp: 1359938

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	4.9	3.8	5.8
68	5.8	4.9	7.3





#23

Nitrobenzene-d5

Concen: 78.962 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050226.D

Acq: 06 Jun 2025 23:22

Instrument :

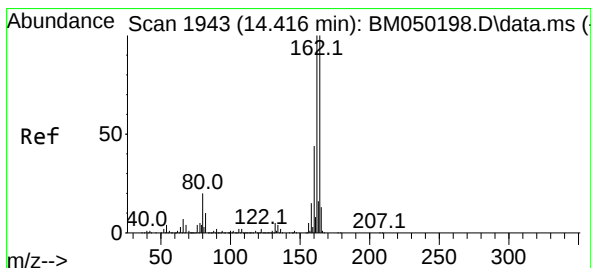
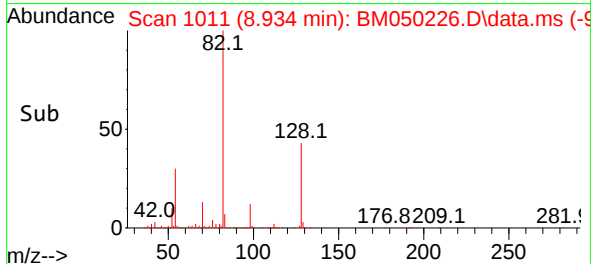
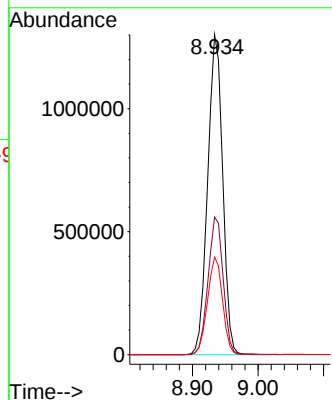
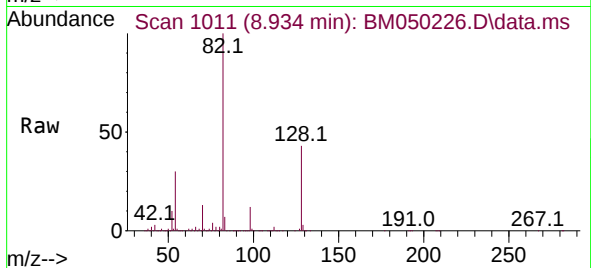
BNA_M

ClientSampleId :

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Tgt Ion: 82 Resp: 2064741

Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.2	52.8
54	30.5	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.410 min Scan# 1942

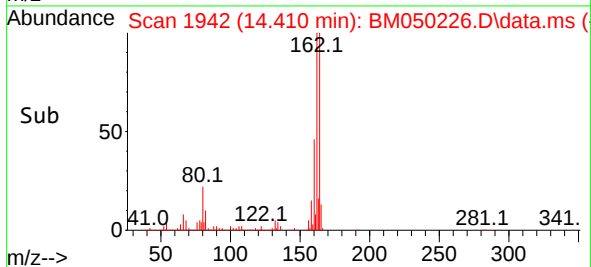
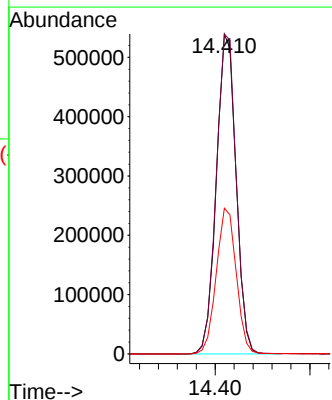
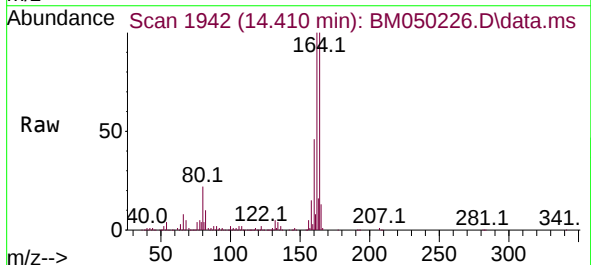
Delta R.T. -0.006 min

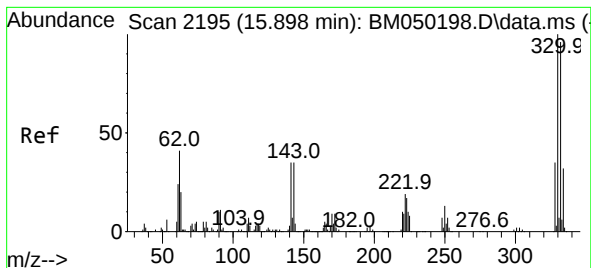
Lab File: BM050226.D

Acq: 06 Jun 2025 23:22

Tgt Ion: 164 Resp: 776933

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	45.6	35.7	53.5

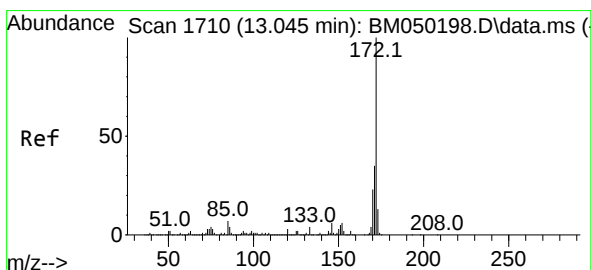
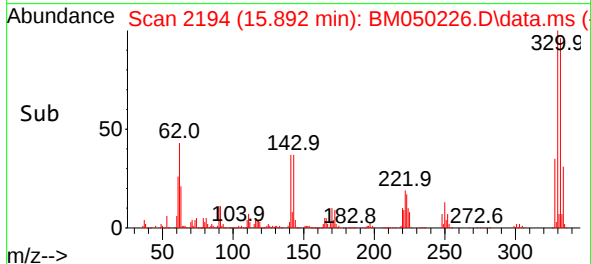
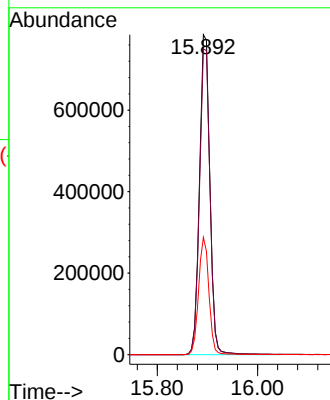
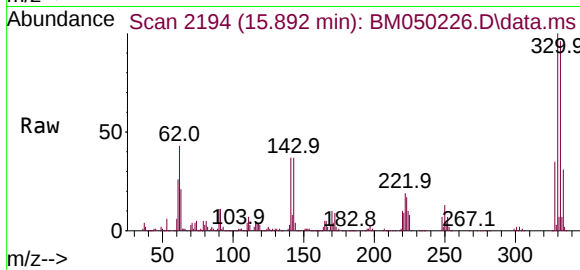




#42
2,4,6-Tribromophenol
Concen: 127.674 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

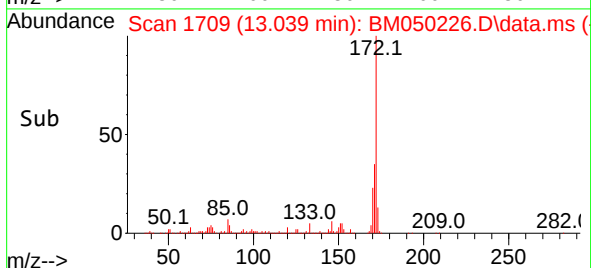
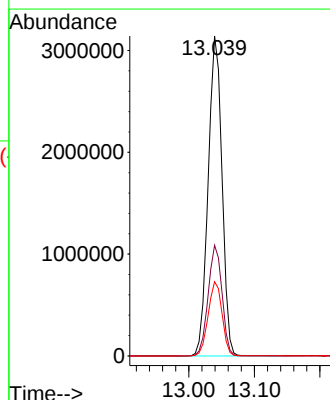
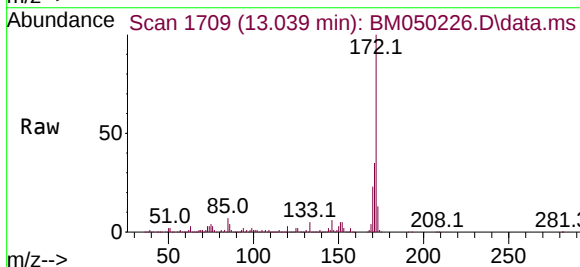
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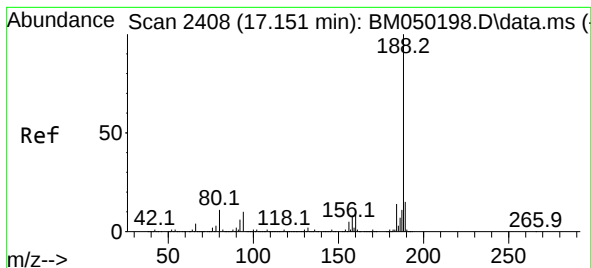
Tgt Ion:330 Resp: 1128266
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 36.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 80.008 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:172 Resp: 4591404
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 27.8

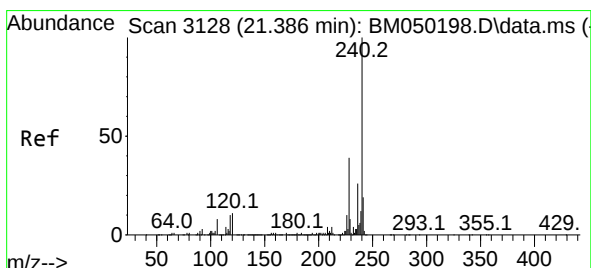
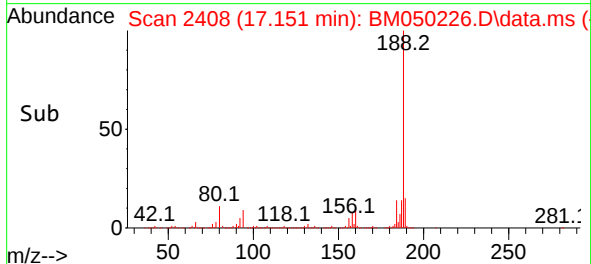
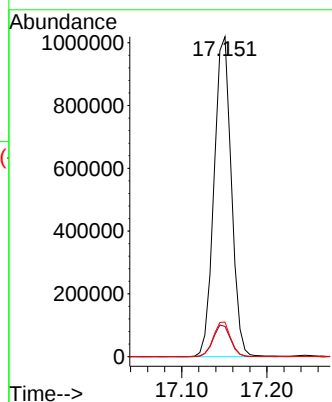
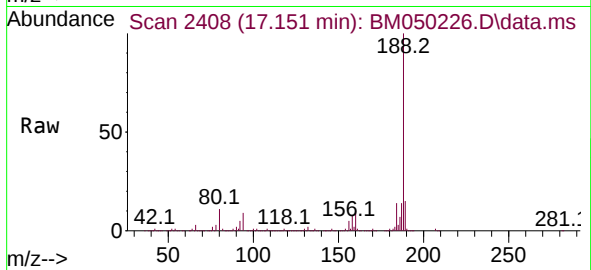




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

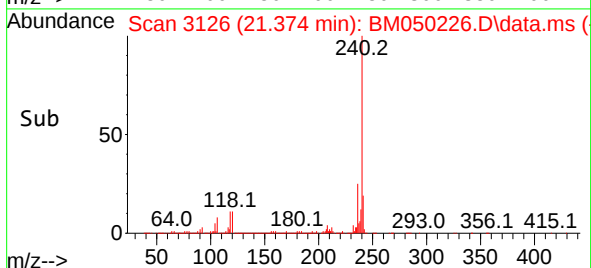
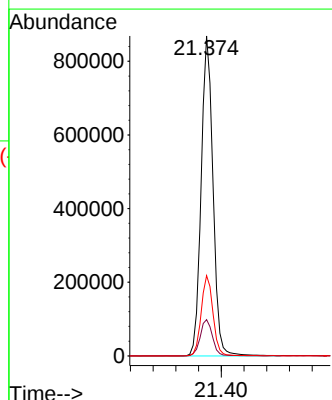
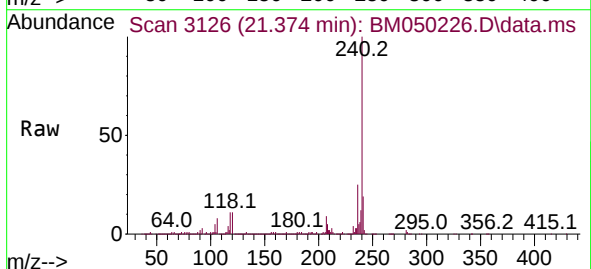
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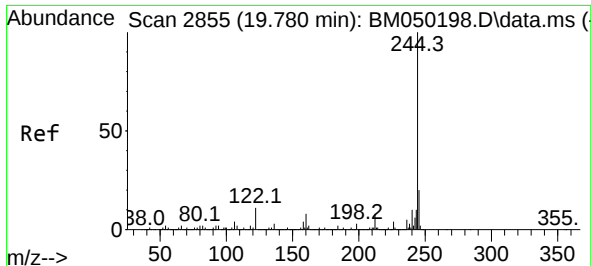
Tgt Ion:188 Resp: 1434193
Ion Ratio Lower Upper
188 100
94 9.4 8.1 12.1
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050226.D
Acq: 06 Jun 2025 23:22

Tgt Ion:240 Resp: 1254575
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 25.1 20.7 31.1

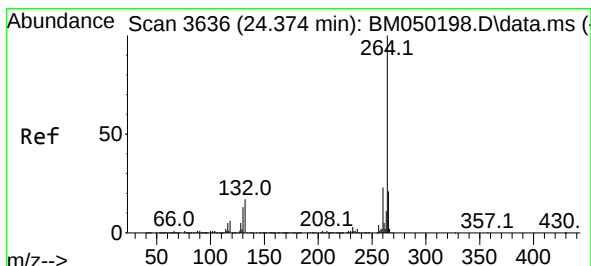
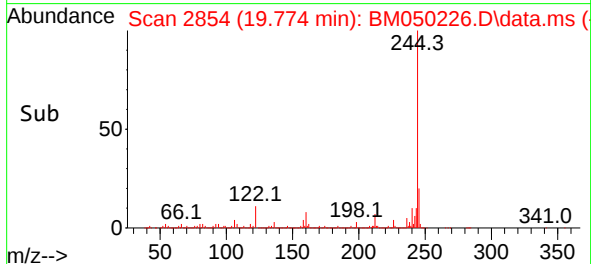
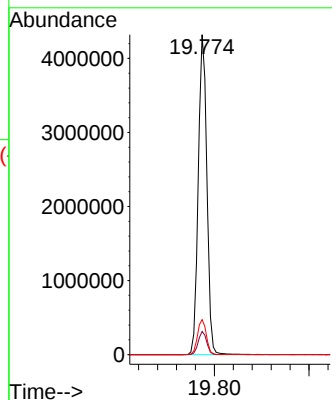
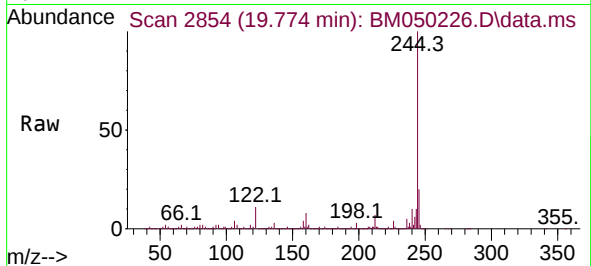




#79
 Terphenyl-d14
 Concen: 82.273 ng
 RT: 19.774 min Scan# 2855
 Delta R.T. -0.012 min
 Lab File: BM050226.D
 Acq: 06 Jun 2025 23:22

Instrument :
 BNA_M
 ClientSampleId :
 PB168271TB

Tgt Ion:244 Resp: 5446768
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.9 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.362 min Scan# 3634
 Delta R.T. -0.012 min
 Lab File: BM050226.D
 Acq: 06 Jun 2025 23:22

Tgt Ion:264 Resp: 1261316
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.4 16.8 25.2

