

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050229.D
 Acq On : 07 Jun 2025 01:21
 Operator : RC/JU
 Sample : Q2198-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-202-SB02

Quant Time: Jun 07 03:28:20 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	344497	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1326486	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	732372	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1299493	20.000	ng	0.00
76) Chrysene-d12	21.374	240	1203452	20.000	ng	-0.01
86) Perylene-d12	24.356	264	1242718	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2727743	132.084	ng	0.00
7) Phenol-d6	6.951	99	3224738	118.618	ng	0.00
23) Nitrobenzene-d5	8.934	82	2060347	80.781	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	1038444	124.660	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	4124414	76.243	ng	-0.01
79) Terphenyl-d14	19.774	244	5203647	81.940	ng	-0.01

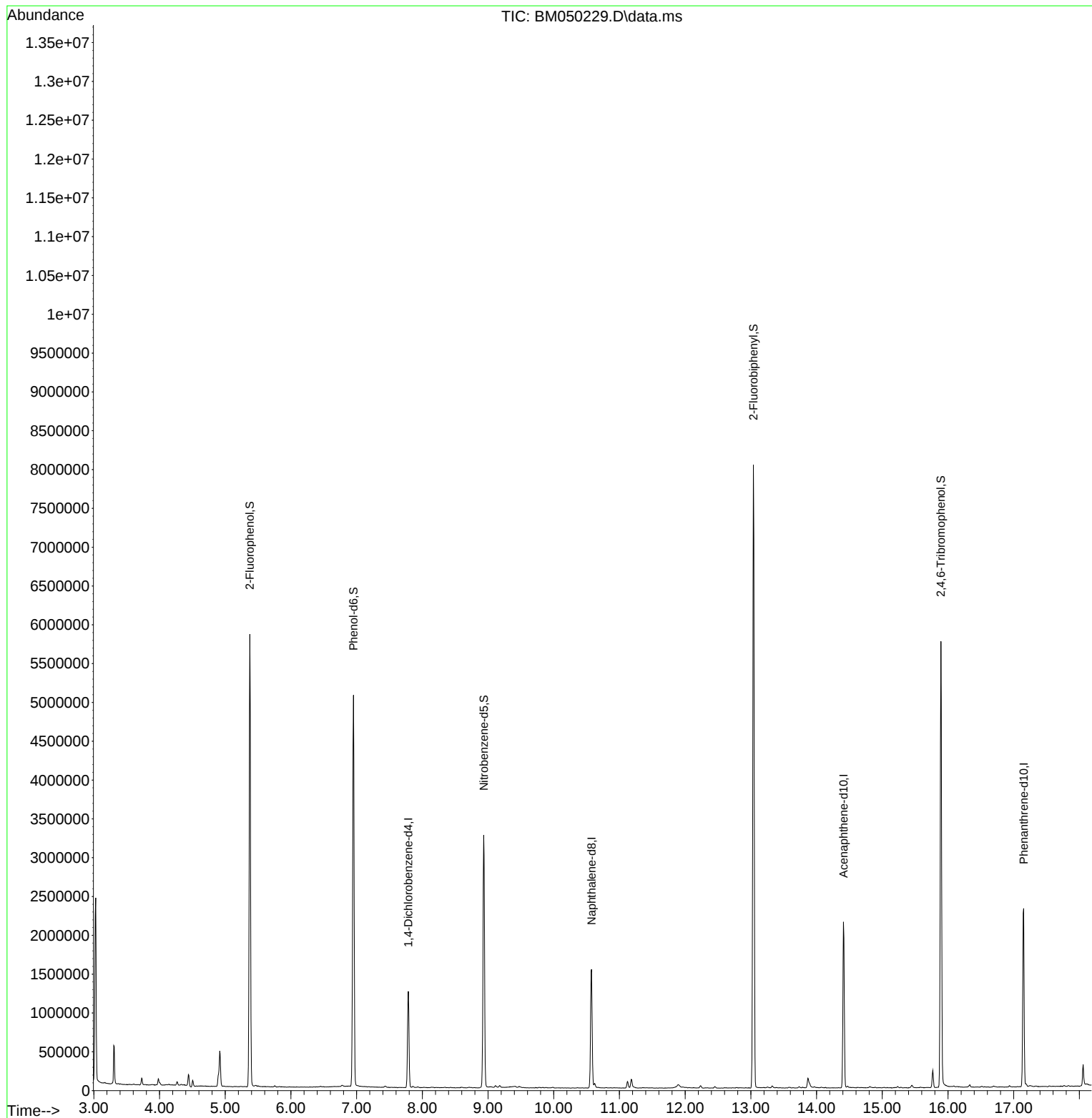
Target Compounds	Qvalue

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

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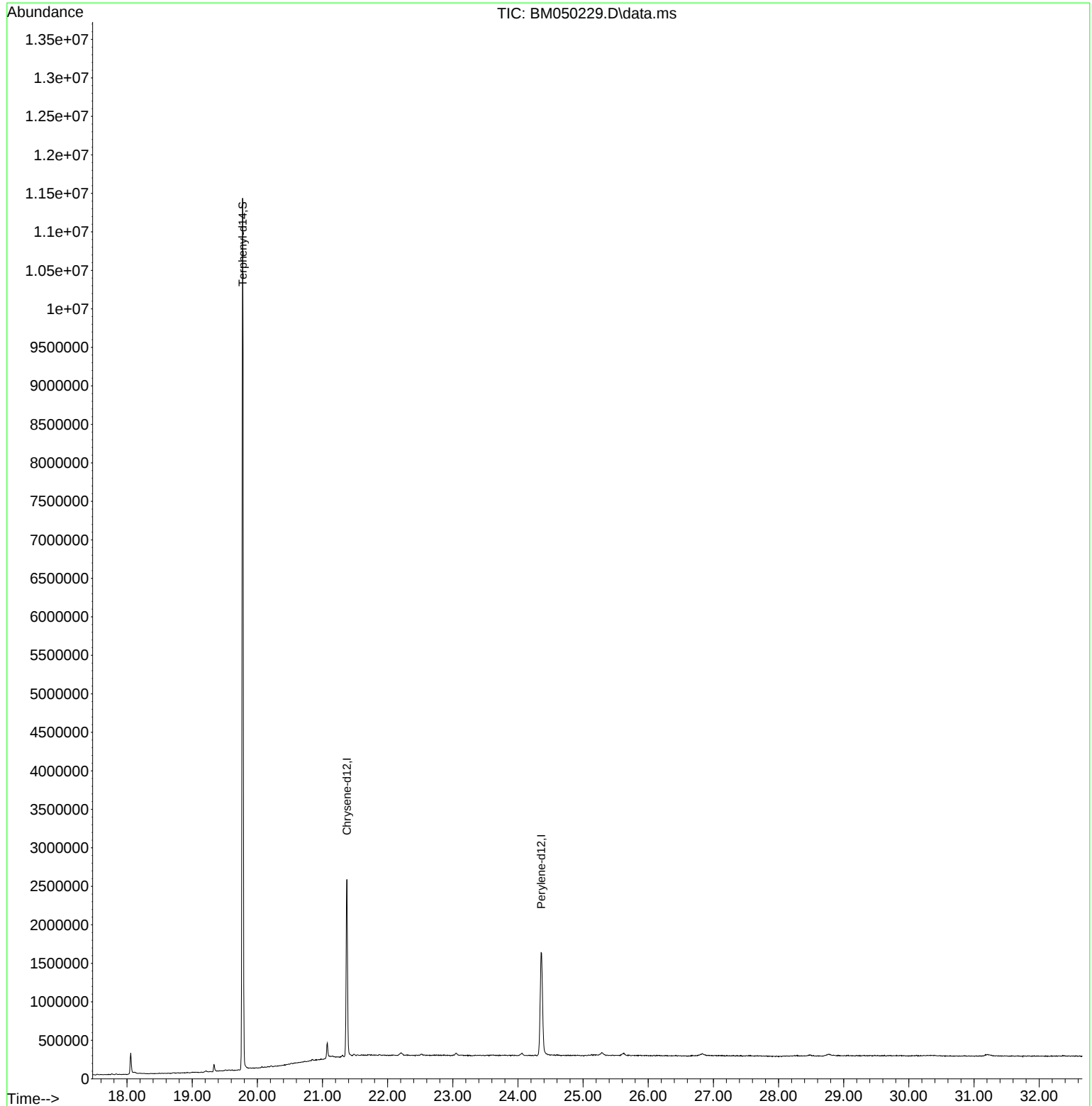
Quant Time: Jun 07 03:28:20 2025
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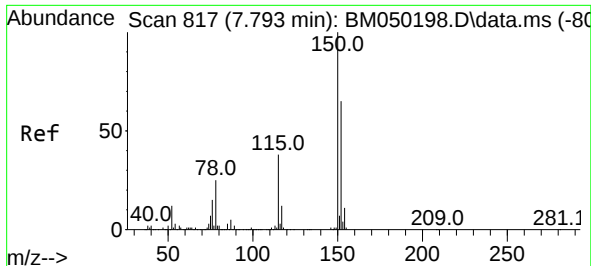


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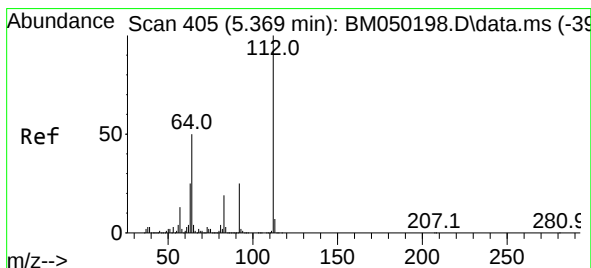
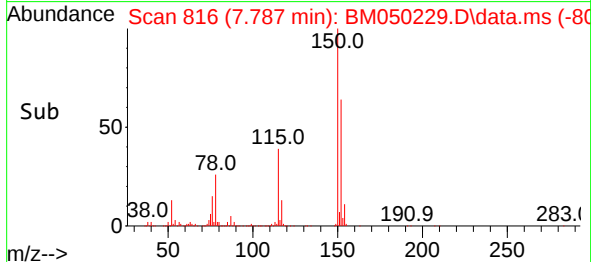
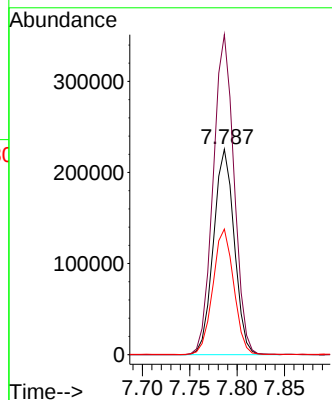
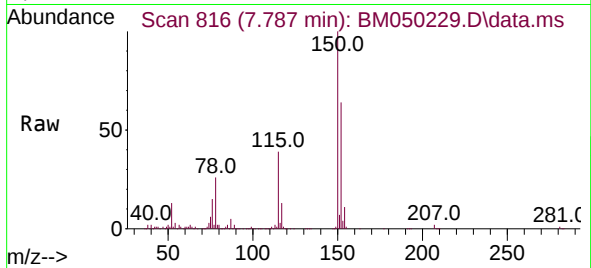




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

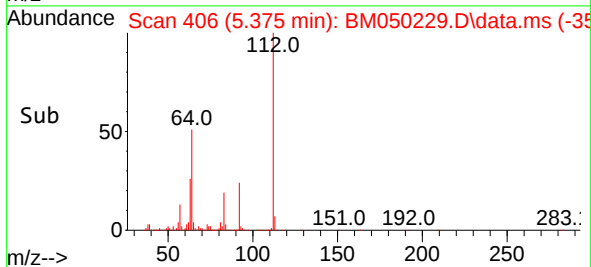
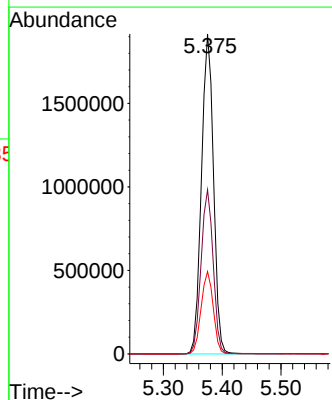
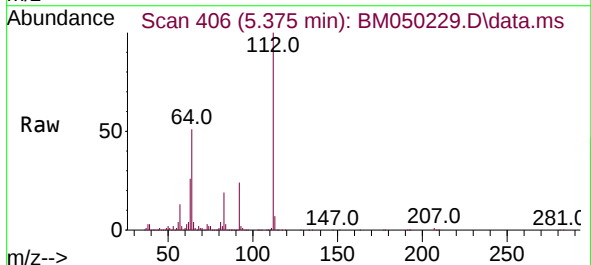
Instrument :
BNA_M
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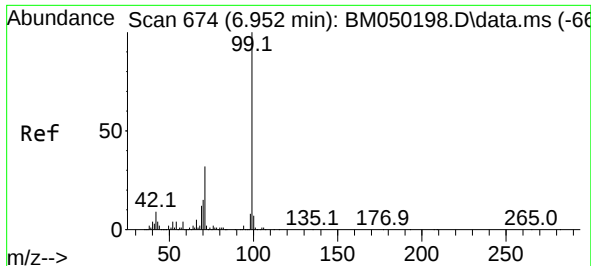
Tgt Ion:152 Resp: 344497
Ion Ratio Lower Upper
152 100
150 155.8 122.2 183.4
115 61.2 46.3 69.5



#5
2-Fluorophenol
Concen: 132.084 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:112 Resp: 2727743
Ion Ratio Lower Upper
112 100
64 51.3 39.8 59.6
63 25.7 19.8 29.8

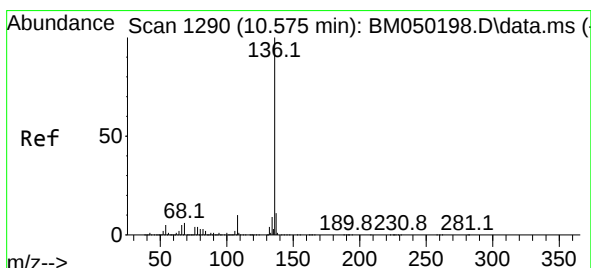
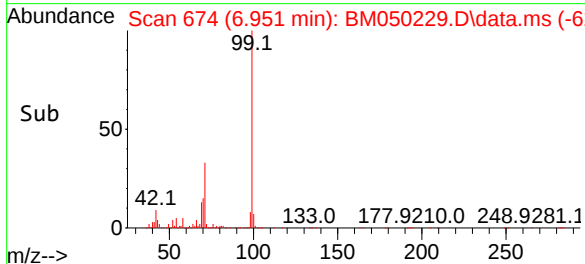
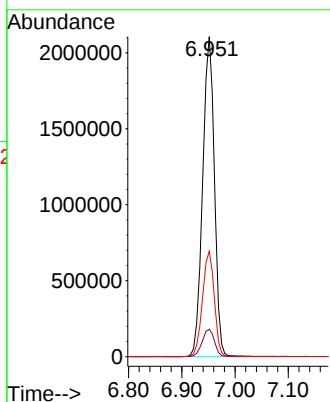
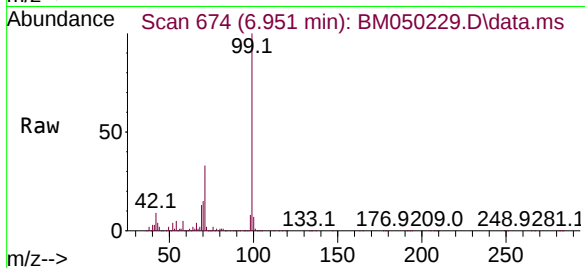




#7
Phenol-d6
Concen: 118.618 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

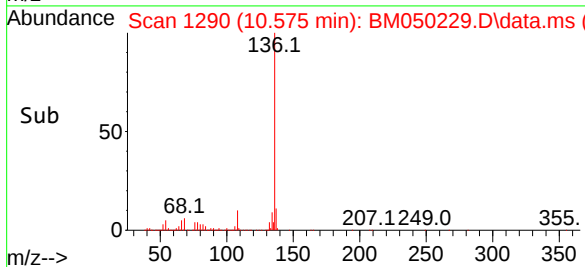
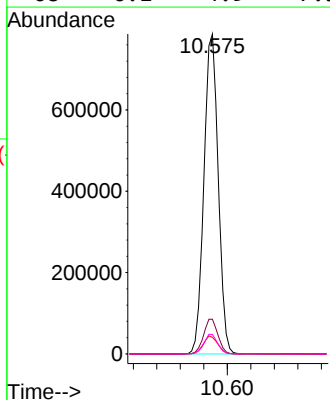
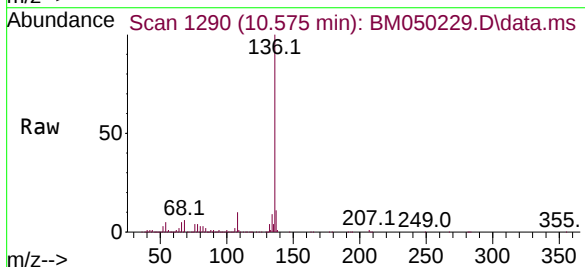
Instrument :
BNA_M
ClientSampleId :
B-202-SB02

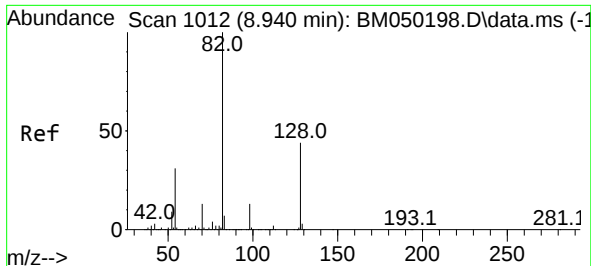
Tgt Ion: 99 Resp: 3224738
Ion Ratio Lower Upper
99 100
42 8.6 6.9 10.3
71 32.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion: 136 Resp: 1326486
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 5.2 3.8 5.8
68 6.1 4.9 7.3

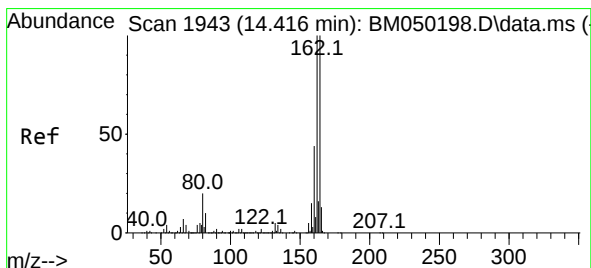
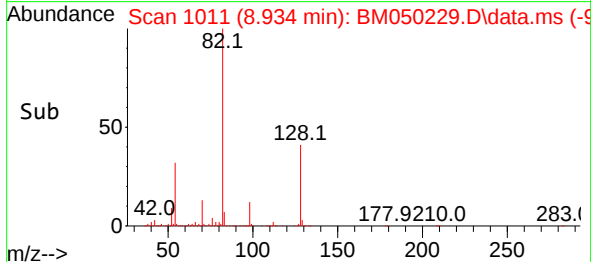
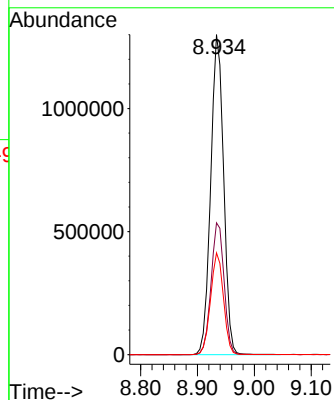
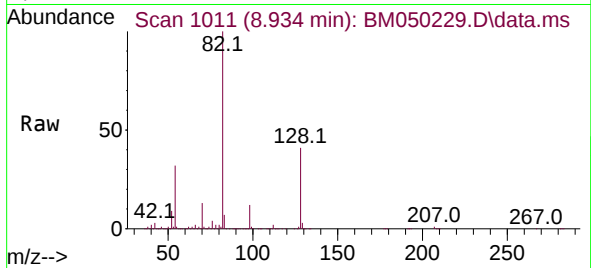




#23
Nitrobenzene-d5
Concen: 80.781 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

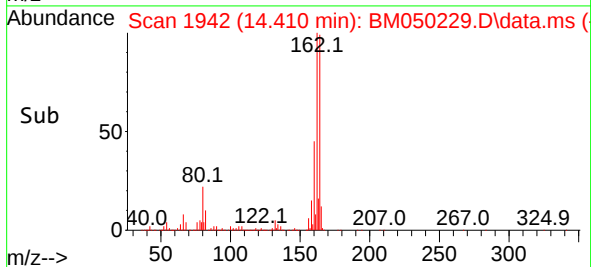
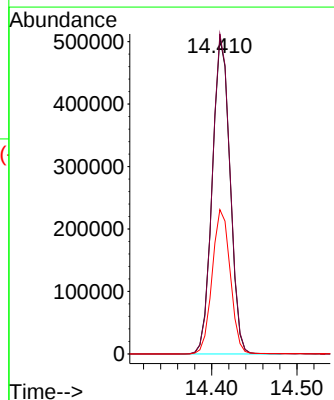
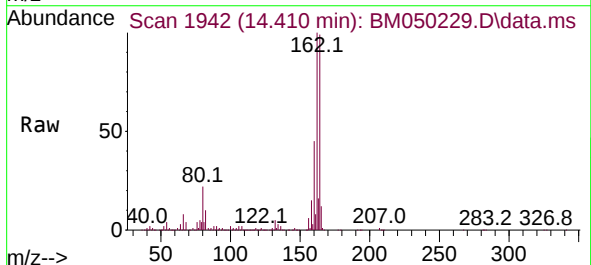
Instrument :
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ClientSampleId :
B-202-SB02

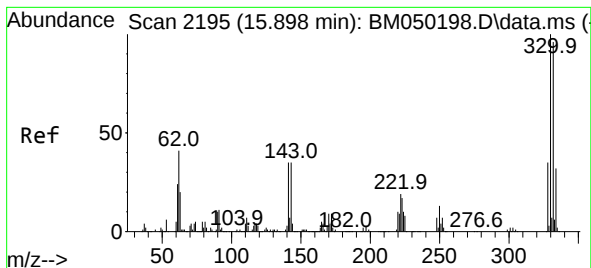
Tgt Ion: 82 Resp: 2060347
Ion Ratio Lower Upper
82 100
128 41.2 35.2 52.8
54 31.8 24.5 36.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion: 164 Resp: 732372
Ion Ratio Lower Upper
164 100
162 101.1 80.2 120.4
160 45.6 35.7 53.5

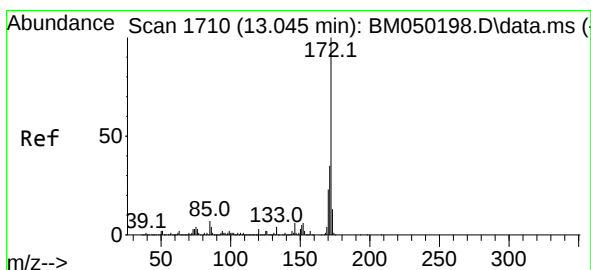
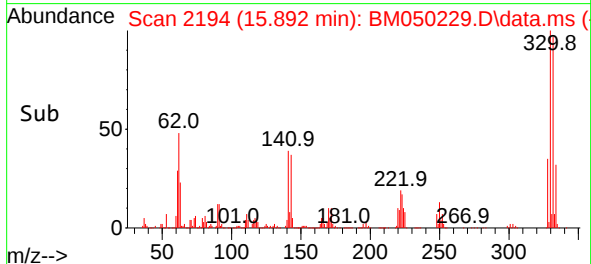
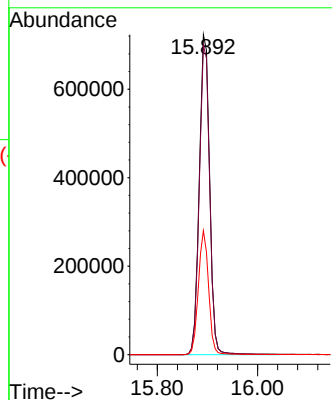
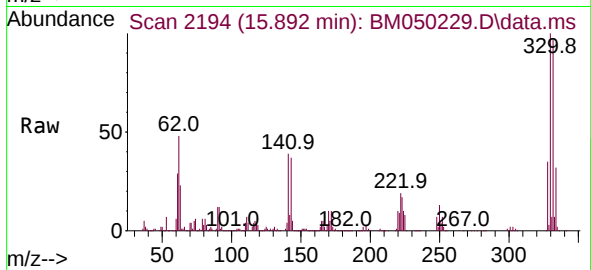




#42
2,4,6-Tribromophenol
Concen: 124.660 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

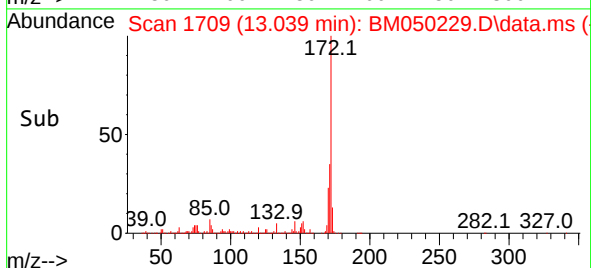
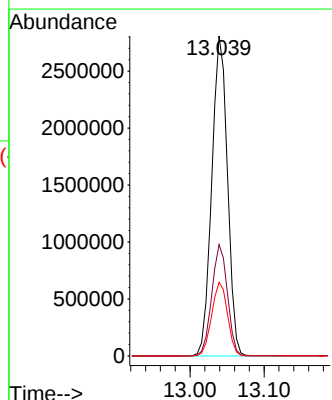
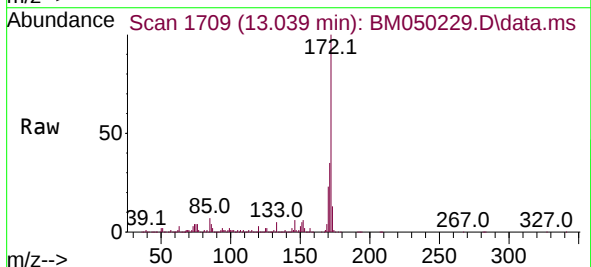
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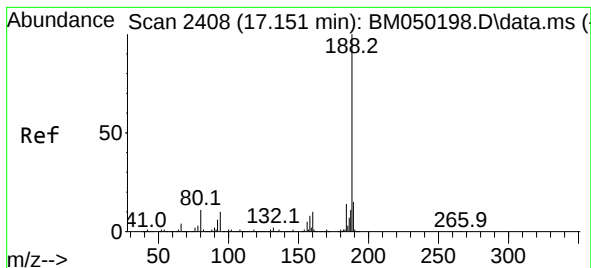
Tgt Ion:330 Resp: 1038444
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 38.1 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 76.243 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050229.D
Acq: 07 Jun 2025 01:21

Tgt Ion:172 Resp: 4124414
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.0 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050229.D

Acq: 07 Jun 2025 01:21

Instrument :

BNA_M

ClientSampleId :

B-202-SB02

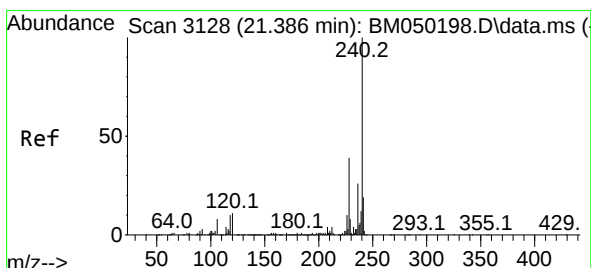
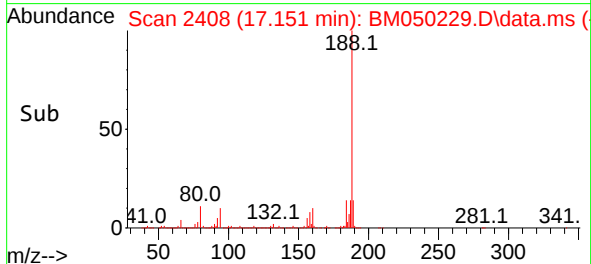
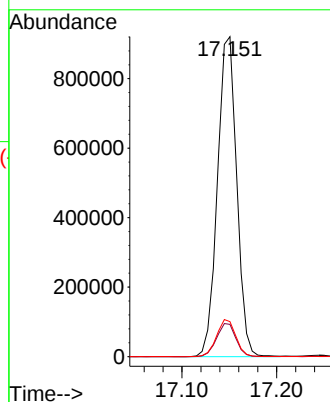
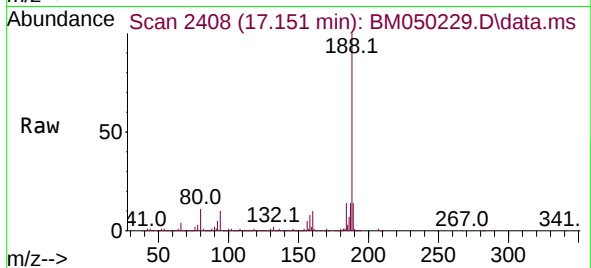
Tgt Ion:188 Resp: 1299493

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

80 10.9 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: BM050229.D

Acq: 07 Jun 2025 01:21

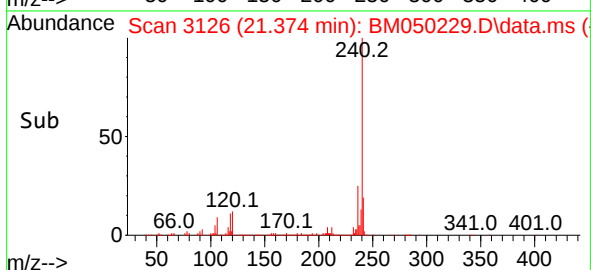
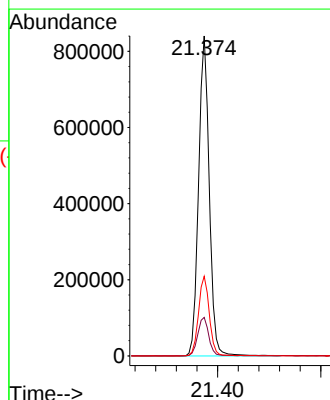
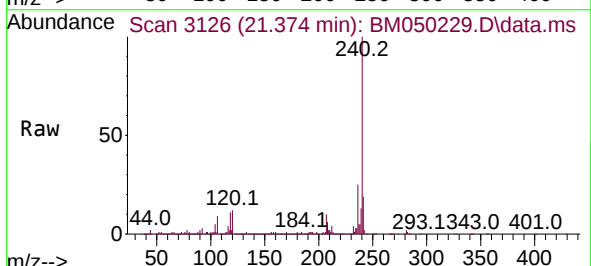
Tgt Ion:240 Resp: 1203452

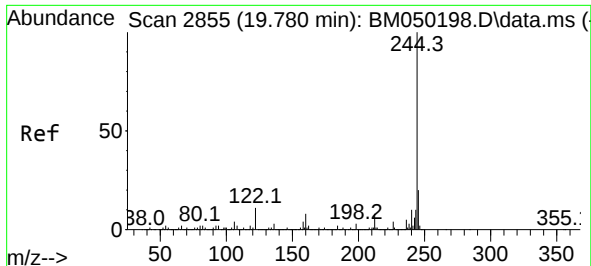
Ion Ratio Lower Upper

240 100

120 12.0 9.0 13.4

236 24.9 20.7 31.1

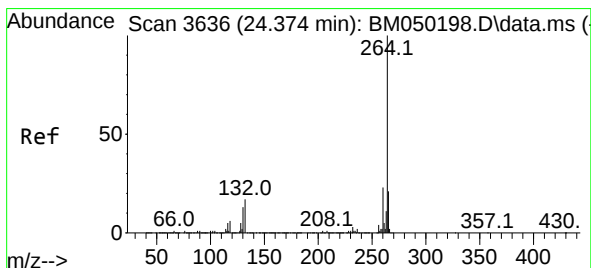
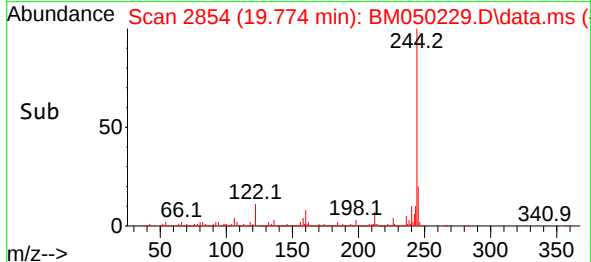
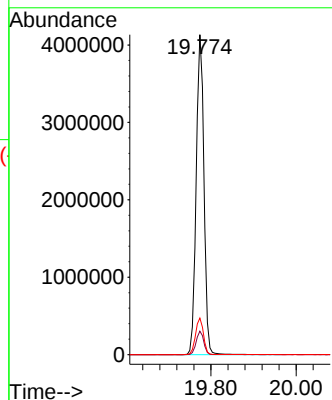
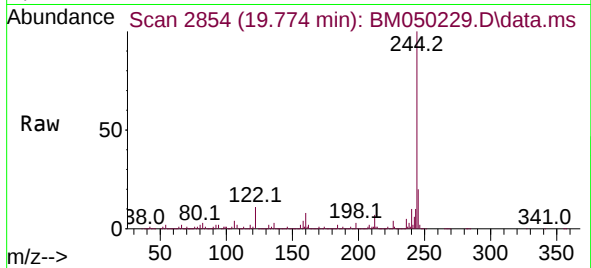




#79
 Terphenyl-d14
 Concen: 81.940 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BM050229.D
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Tgt Ion:244 Resp: 5203647
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.356 min Scan# 3633
 Delta R.T. -0.018 min
 Lab File: BM050229.D
 Acq: 07 Jun 2025 01:21

Tgt Ion:264 Resp: 1242718
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 22.1 16.8 25.2

