

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
 Data File : BM050232.D
 Acq On : 07 Jun 2025 03:20
 Operator : RC/JU
 Sample : Q2177-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB02

Quant Time: Jun 07 04:09:46 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	7.786	152	305472	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	1153728	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	611005	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1089581	20.000	ng	-0.01
76) Chrysene-d12	21.374	240	1091419	20.000	ng	-0.01
86) Perylene-d12	24.362	264	1171439	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2187255	119.443	ng	0.00
7) Phenol-d6	6.951	99	2358204	97.826	ng	0.00
23) Nitrobenzene-d5	8.933	82	1789228	80.655	ng	-0.01
42) 2,4,6-Tribromophenol	15.892	330	838659	120.675	ng	-0.01
45) 2-Fluorobiphenyl	13.039	172	3530581	78.230	ng	-0.01
79) Terphenyl-d14	19.774	244	4581312	79.545	ng	-0.01

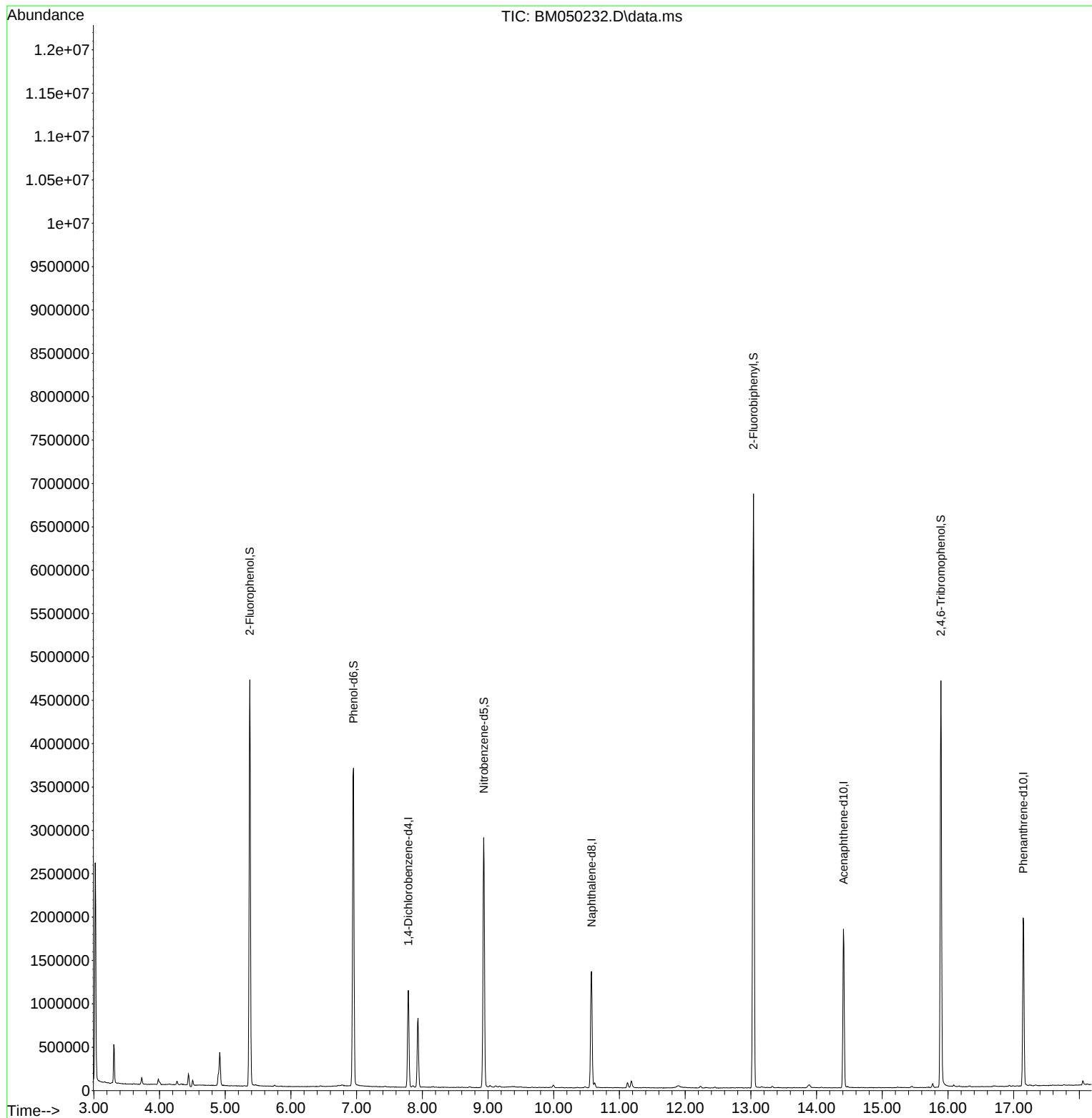
Target Compounds	Qvalue

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

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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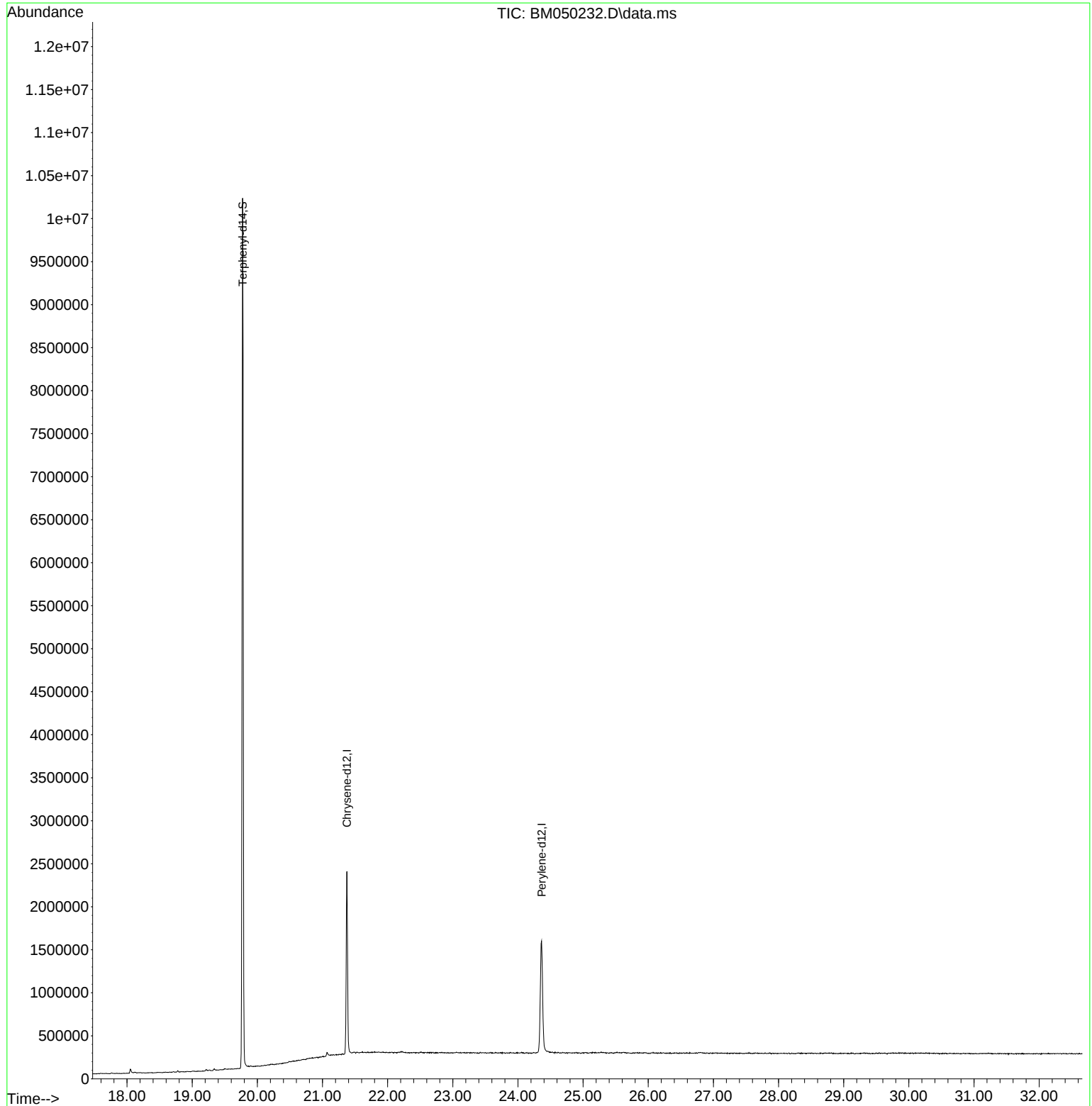
Quant Time: Jun 07 04:09:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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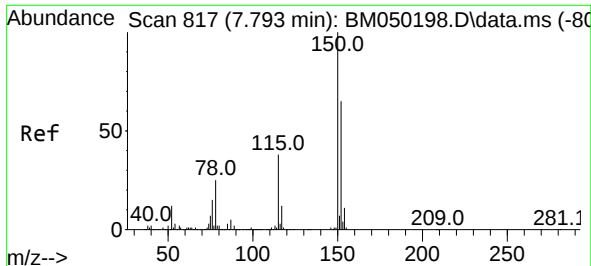


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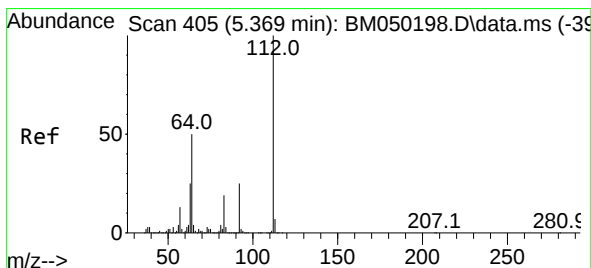
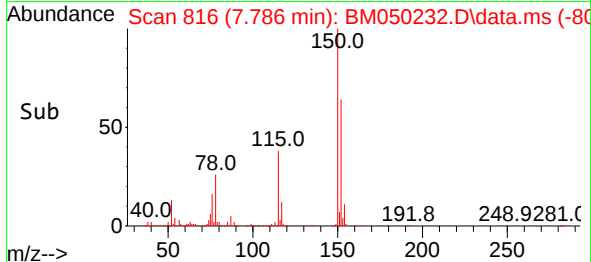
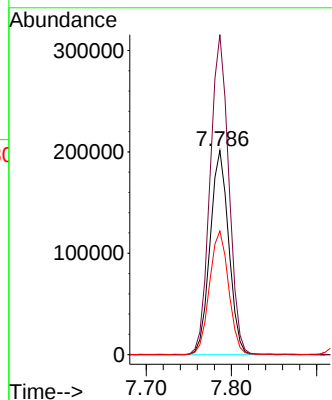
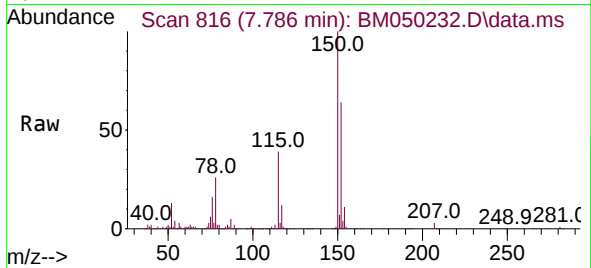




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.786 min Scan# 81
Delta R.T. -0.007 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

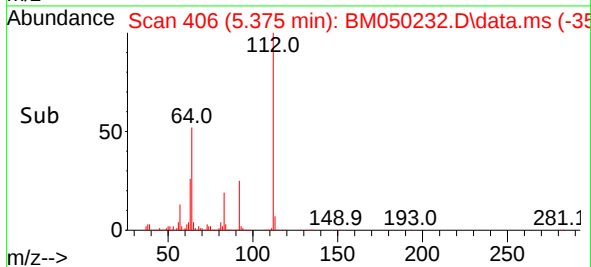
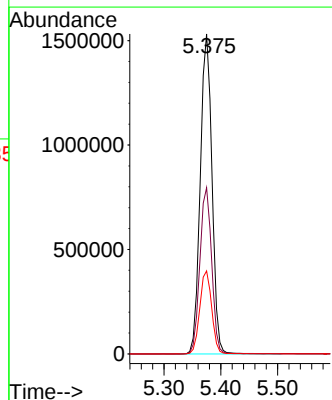
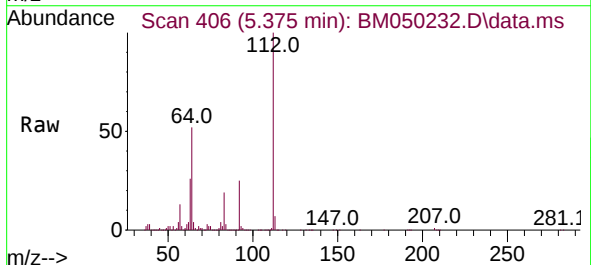
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

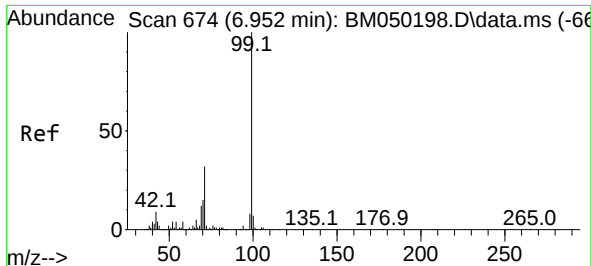
Tgt Ion:152 Resp: 305472
Ion Ratio Lower Upper
152 100
150 156.8 122.2 183.4
115 60.5 46.3 69.5



#5
2-Fluorophenol
Concen: 119.443 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:112 Resp: 2187255
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.6
63 25.9 19.8 29.8



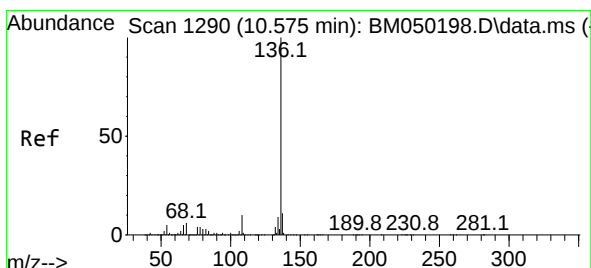
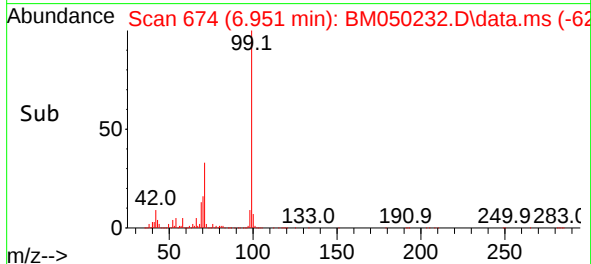
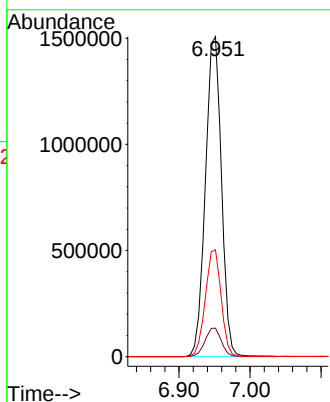
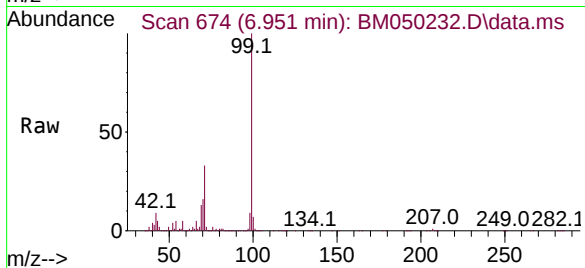


#7
Phenol-d6
Concen: 97.826 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion: 99 Resp: 2358204

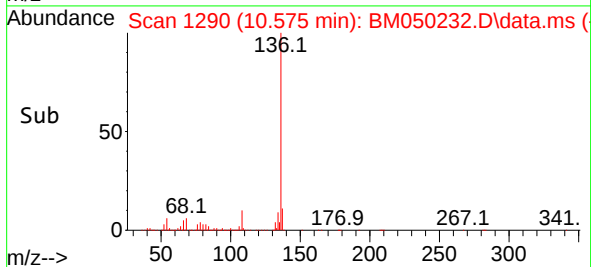
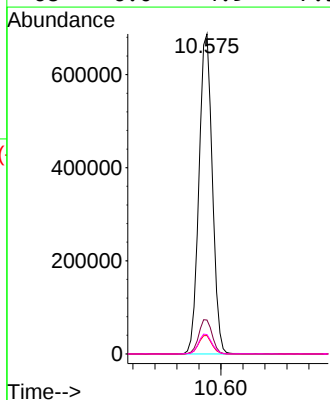
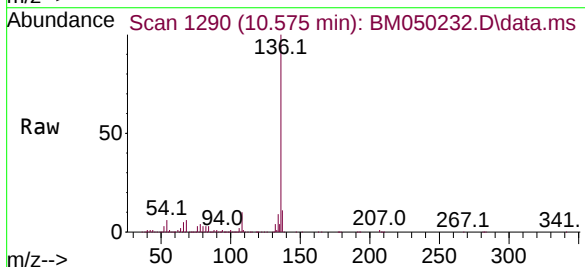
Ion	Ratio	Lower	Upper
99	100		
42	8.9	6.9	10.3
71	33.4	25.3	37.9

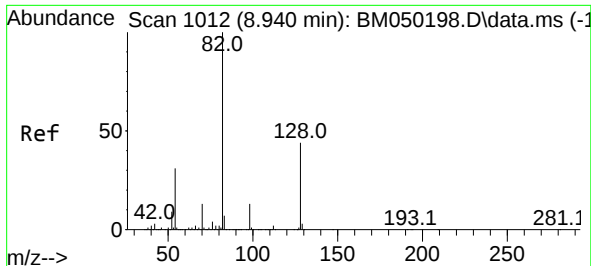


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion: 136 Resp: 1153728

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.7	3.8	5.8
68	6.0	4.9	7.3



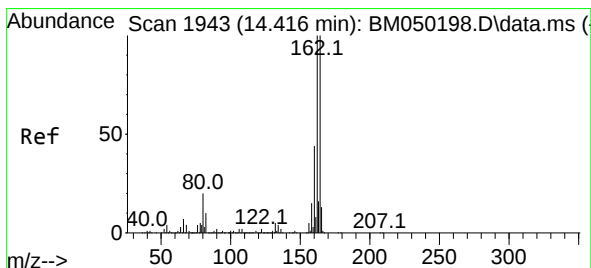
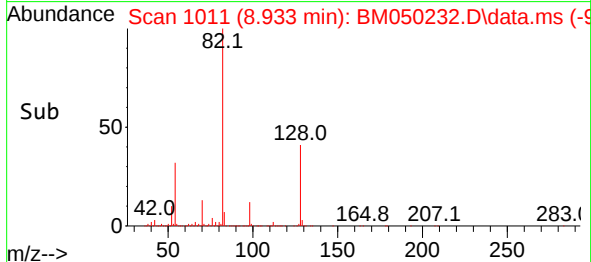
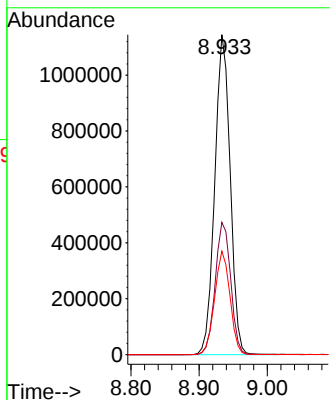
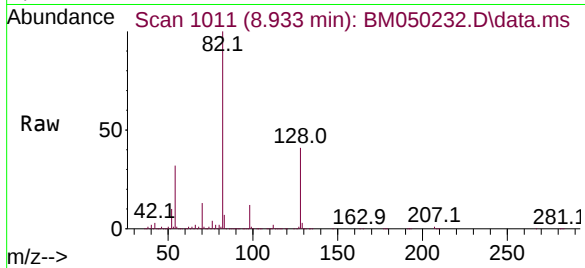


#23
Nitrobenzene-d5
Concen: 80.655 ng
RT: 8.933 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Instrument :
BNA_M
ClientSampleId :
B-187-SB02

Tgt Ion: 82 Resp: 1789228

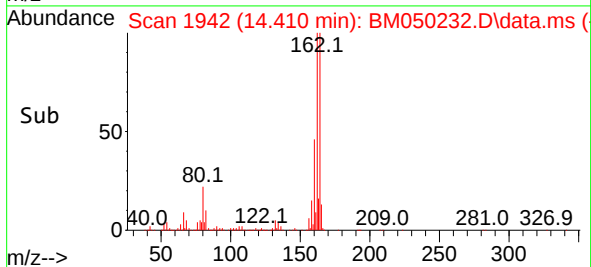
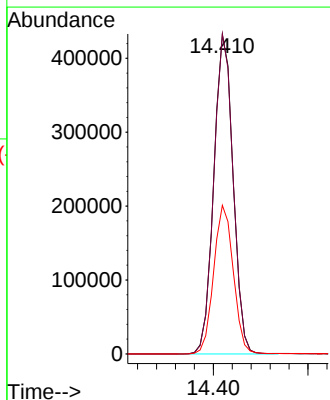
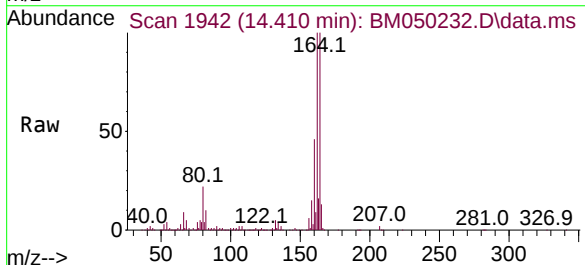
Ion	Ratio	Lower	Upper
82	100		
128	41.3	35.2	52.8
54	32.3	24.5	36.7

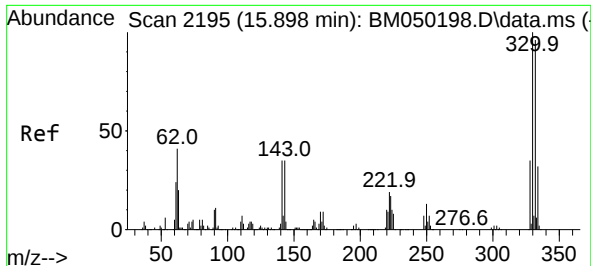


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion: 164 Resp: 611005

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.2	120.4
160	46.5	35.7	53.5

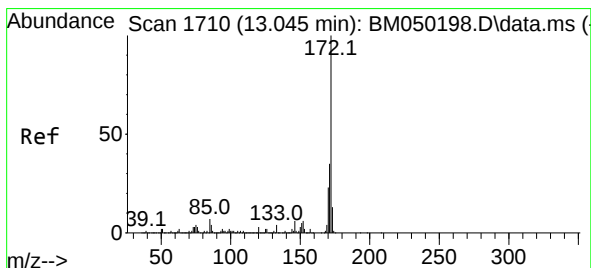
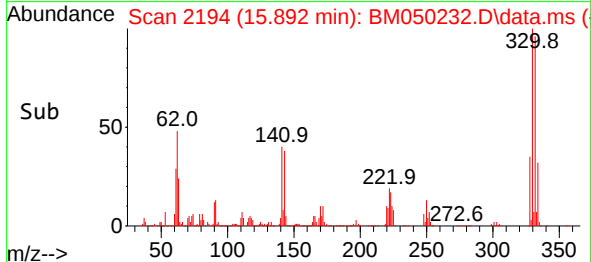
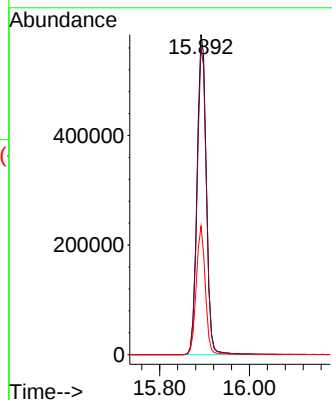
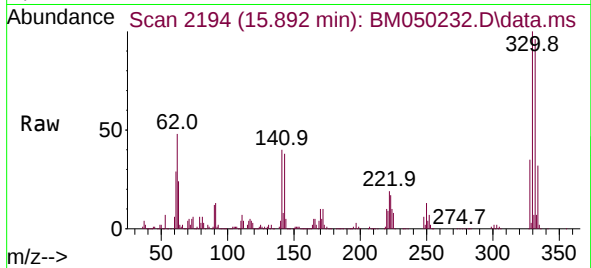




#42
2,4,6-Tribromophenol
Concen: 120.675 ng
RT: 15.892 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

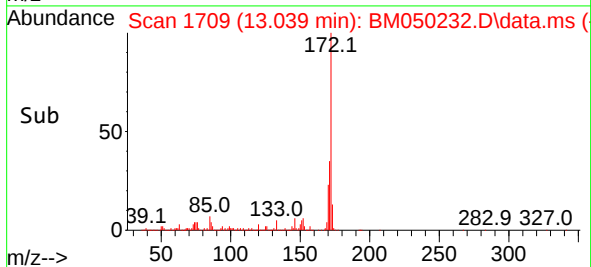
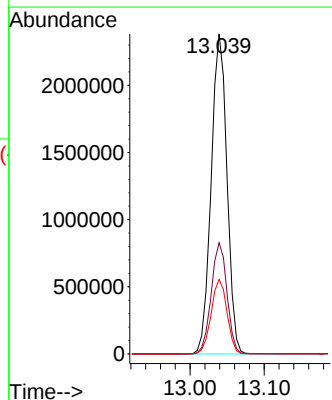
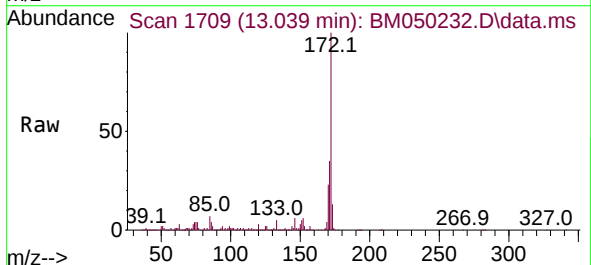
Instrument :
BNA_M
ClientSampleId :
B-187-SB02

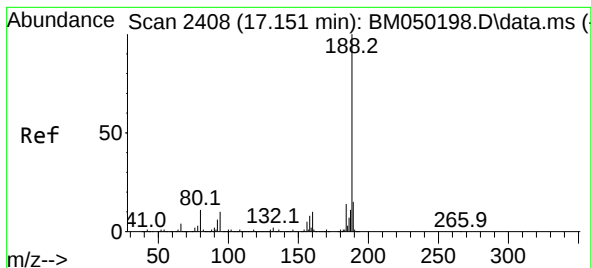
Tgt Ion:330 Resp: 838659
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 38.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 78.230 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050232.D
Acq: 07 Jun 2025 03:20

Tgt Ion:172 Resp: 3530581
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050232.D

Acq: 07 Jun 2025 03:20

Instrument :

BNA_M

ClientSampleId :

B-187-SB02

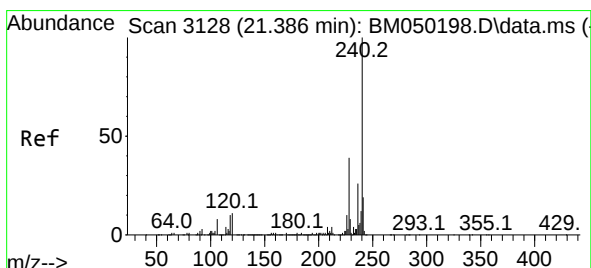
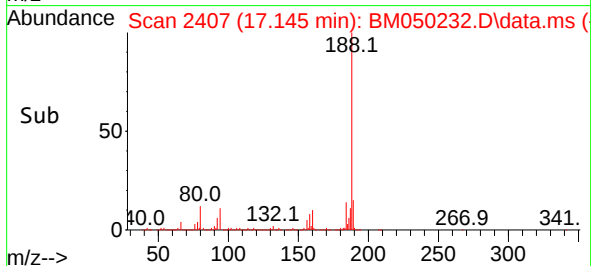
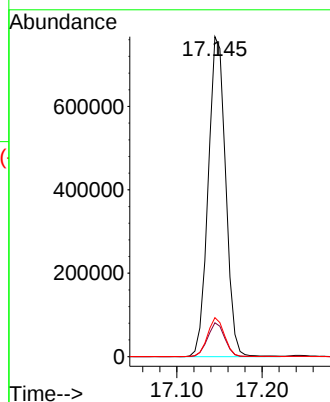
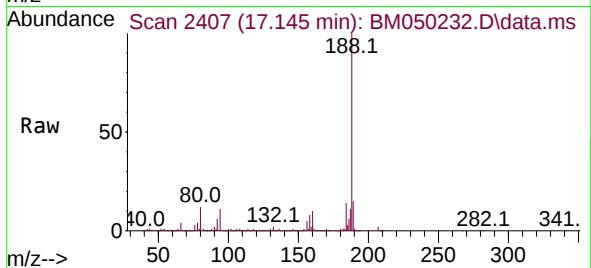
Tgt Ion:188 Resp: 1089581

Ion Ratio Lower Upper

188 100

94 10.6 8.1 12.1

80 12.2 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: BM050232.D

Acq: 07 Jun 2025 03:20

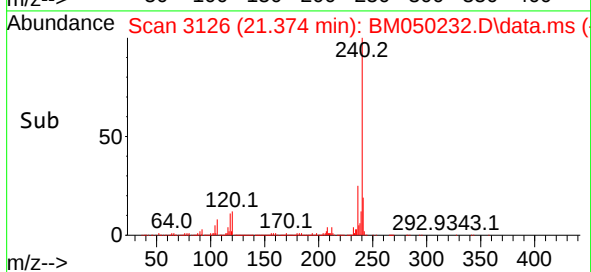
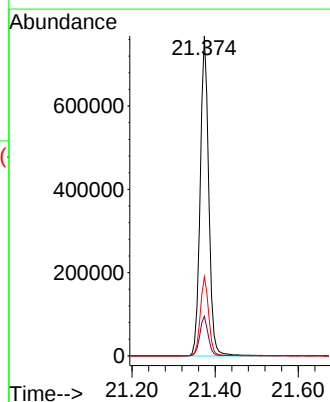
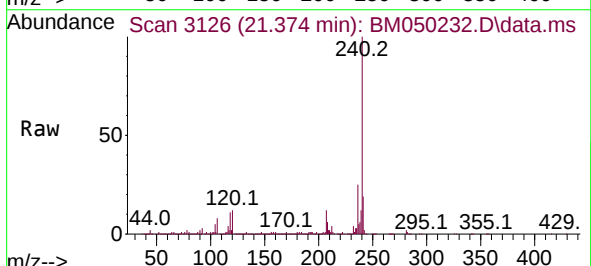
Tgt Ion:240 Resp: 1091419

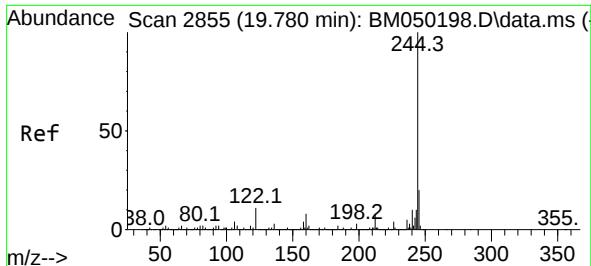
Ion Ratio Lower Upper

240 100

120 12.4 9.0 13.4

236 24.7 20.7 31.1

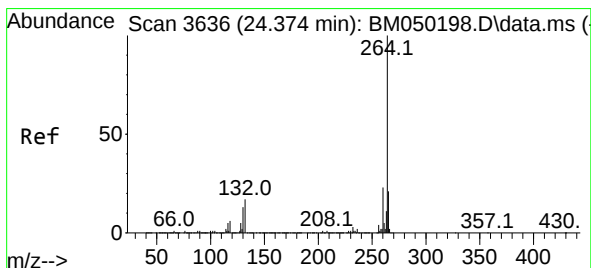
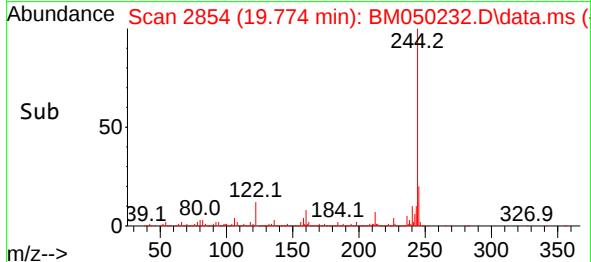
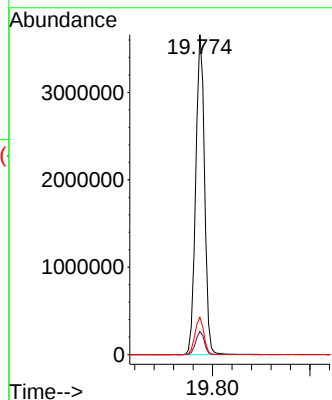
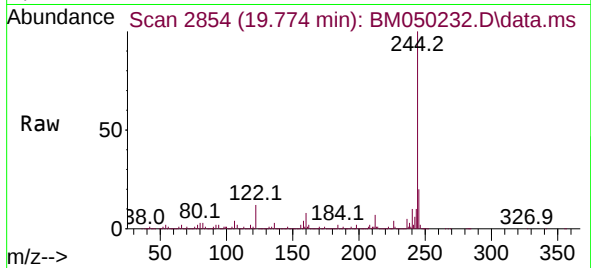




#79
 Terphenyl-d14
 Concen: 79.545 ng
 RT: 19.774 min Scan# 2854
 Delta R.T. -0.012 min
 Lab File: BM050232.D
 Acq: 07 Jun 2025 03:20

Instrument :
 BNA_M
 ClientSampleId :
 B-187-SB02

Tgt Ion:244 Resp: 4581312
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 11.7 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: BM050232.D
 Acq: 07 Jun 2025 03:20

Tgt Ion:264 Resp: 1171439
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.7 16.8 25.2

