

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050291.D
 Acq On : 12 Jun 2025 01:55
 Operator : RC/JU
 Sample : Q2280-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-4643

Quant Time: Jun 12 02:58:21 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	348497	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1307855	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	696811	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1305490	20.000	ng	-0.01
76) Chrysene-d12	21.357	240	1385730	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1467873	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2912975	139.435	ng	0.00
7) Phenol-d6	6.928	99	3281269	119.313	ng	0.00
23) Nitrobenzene-d5	8.910	82	2387512	94.942	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1143628	144.293	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	4621351	89.789	ng	0.00
79) Terphenyl-d14	19.757	244	6482765	88.654	ng	-0.01

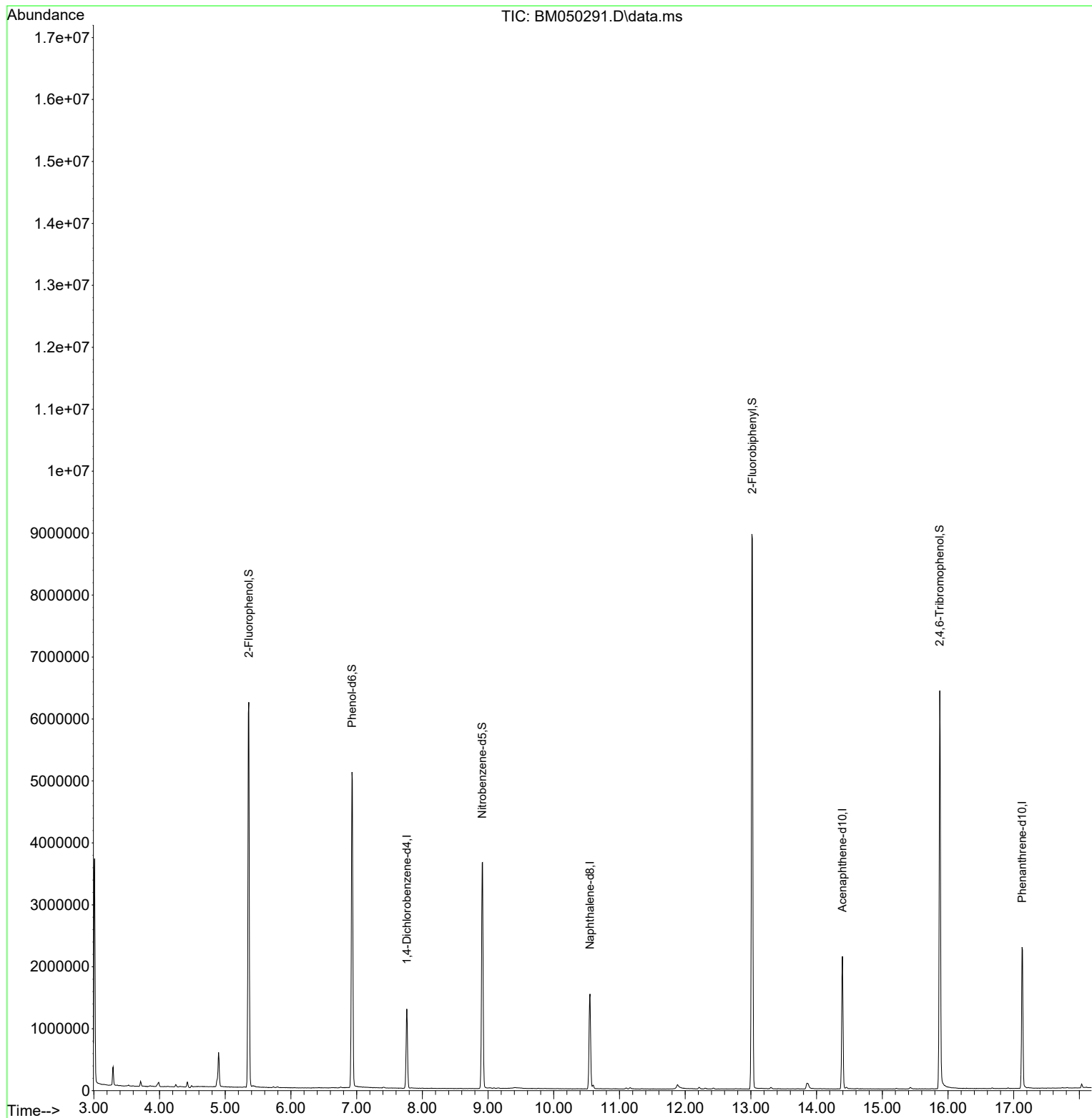
Target Compounds	Qvalue

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

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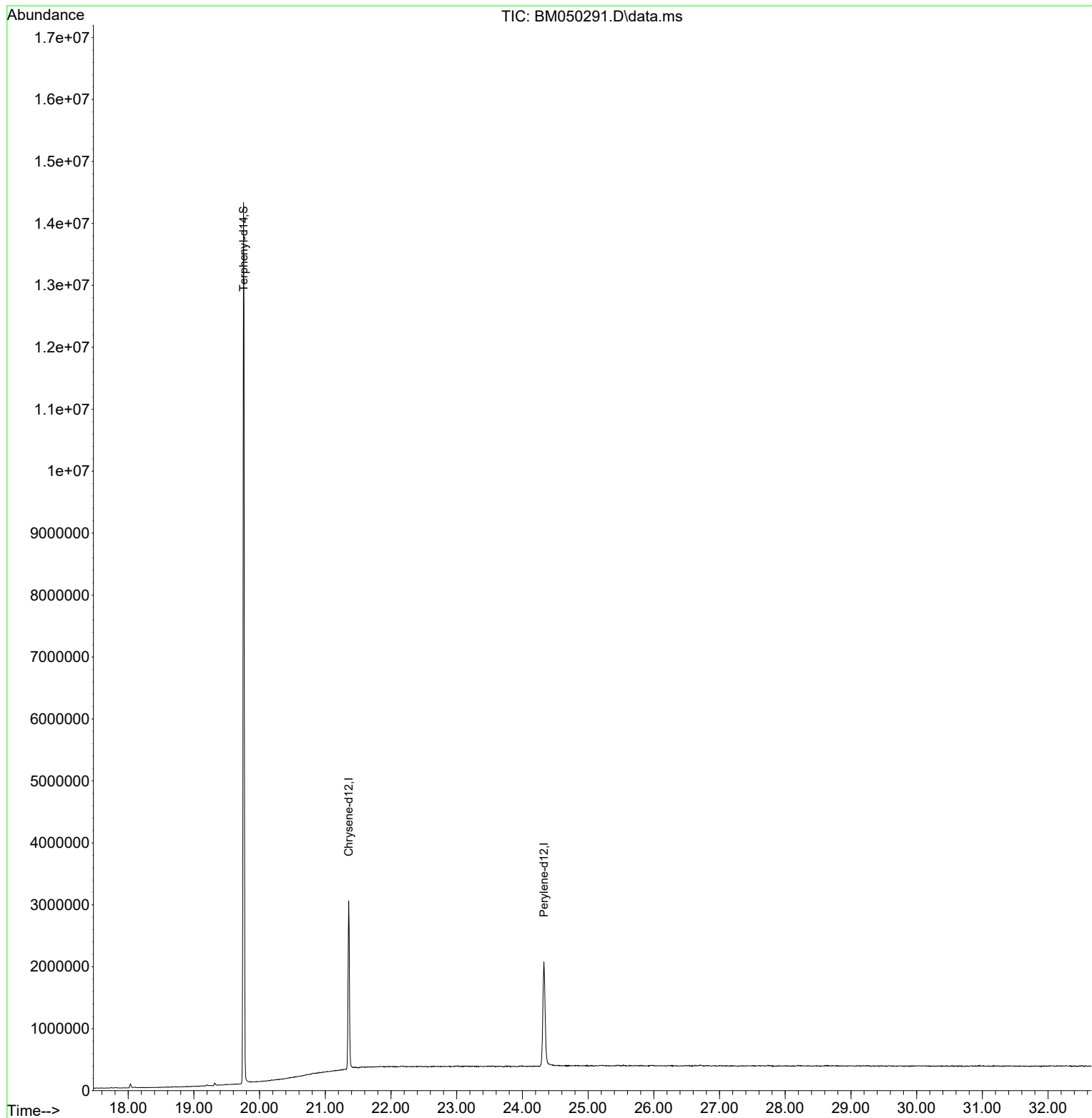
Quant Time: Jun 12 02:58:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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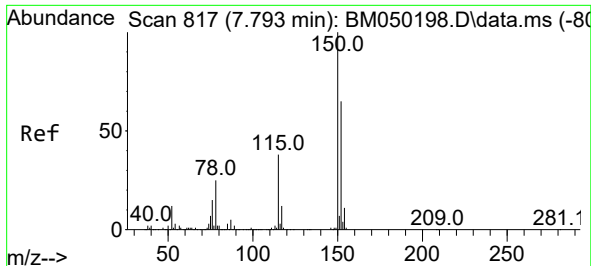


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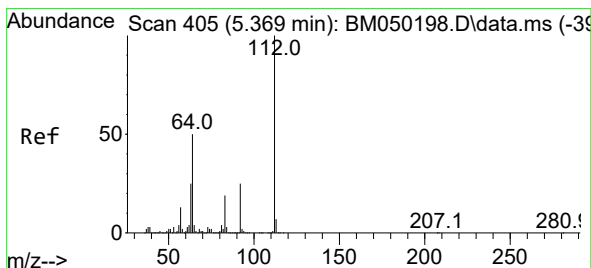
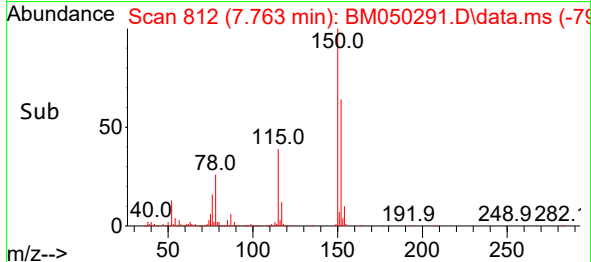
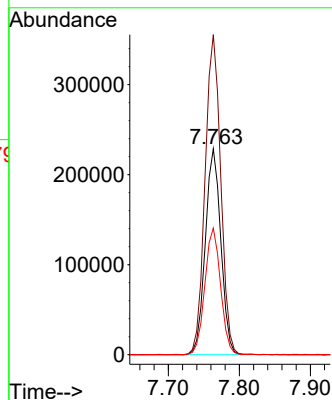
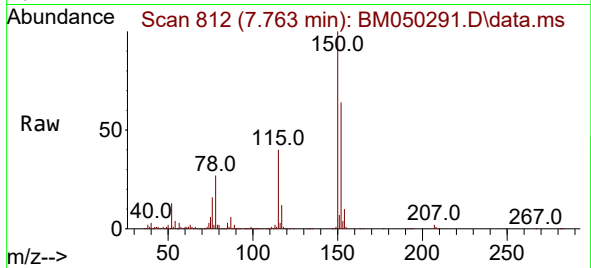




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

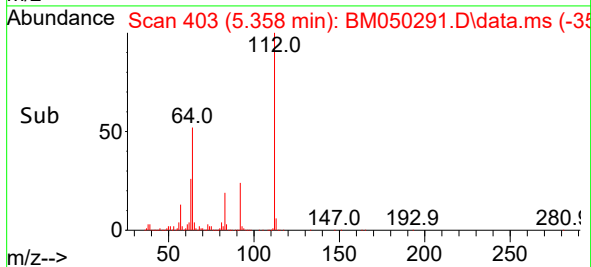
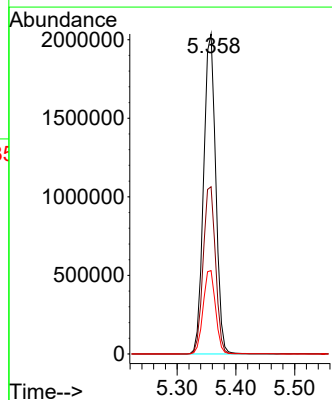
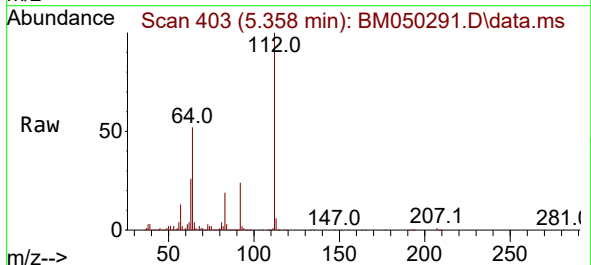
Instrument :
BNA_M
ClientSampleId :
RT-4643

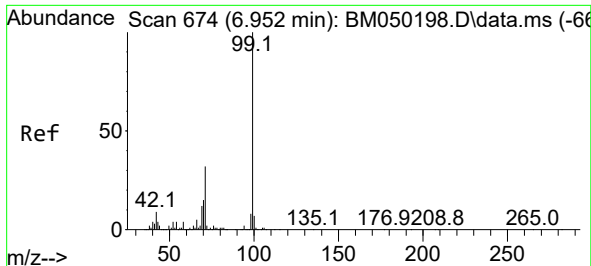
Tgt Ion:152 Resp: 348497
Ion Ratio Lower Upper
152 100
150 155.4 122.2 183.4
115 61.4 46.3 69.5



#5
2-Fluorophenol
Concen: 139.435 ng
RT: 5.358 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

Tgt Ion:112 Resp: 2912975
Ion Ratio Lower Upper
112 100
64 52.3 39.8 59.6
63 26.1 19.8 29.8

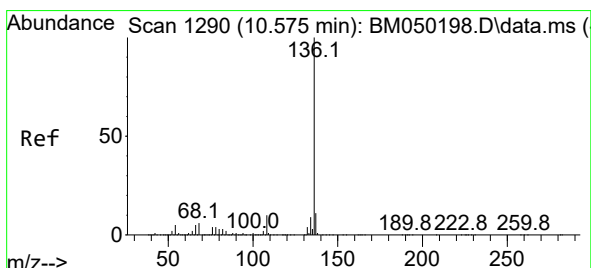
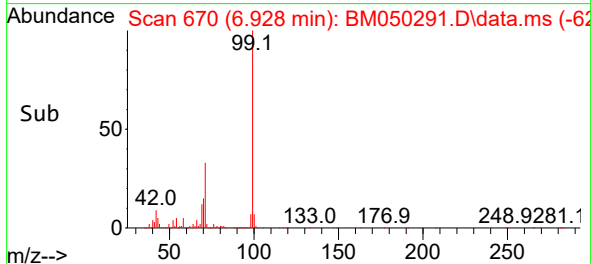
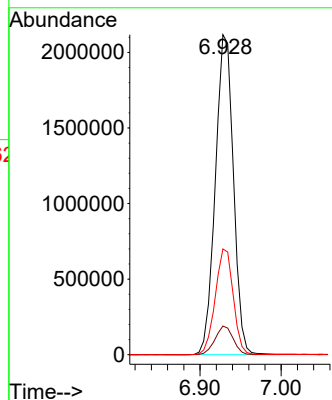
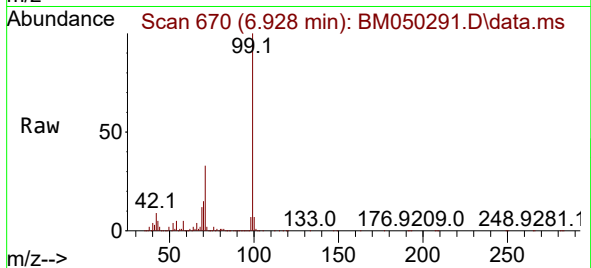




#7
Phenol-d6
Concen: 119.313 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

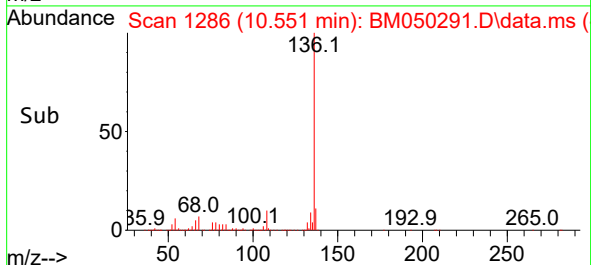
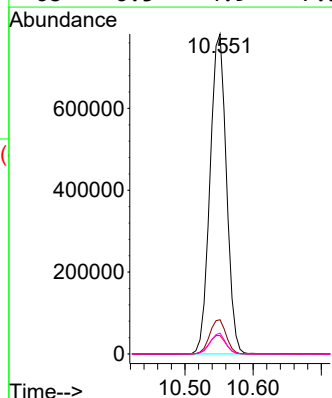
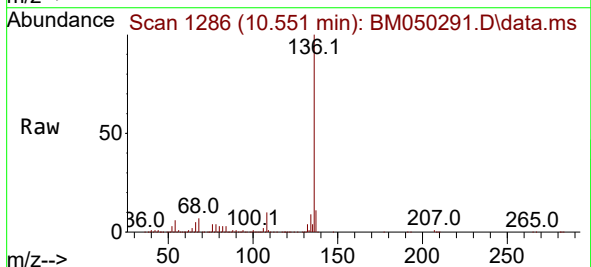
Instrument :
BNA_M
ClientSampleId :
RT-4643

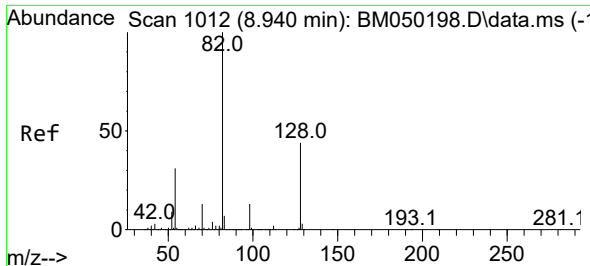
Tgt Ion: 99 Resp: 3281269
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 33.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

Tgt Ion: 136 Resp: 1307855
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 5.8 3.8 5.8
68 6.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.942 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050291.D

Acq: 12 Jun 2025 01:55

Instrument :

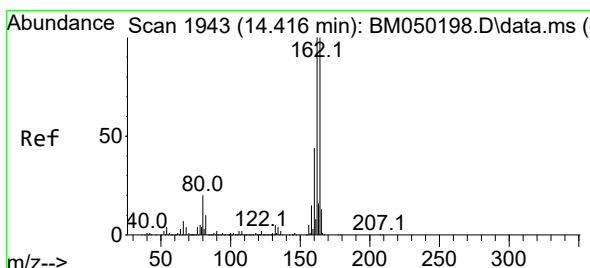
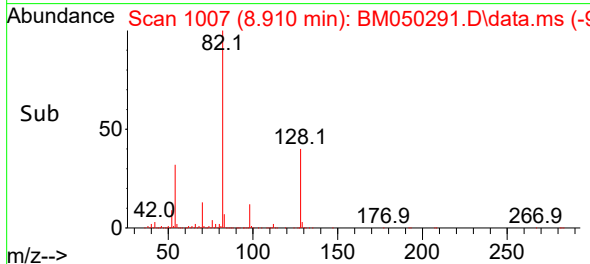
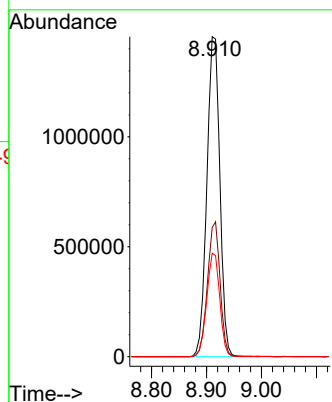
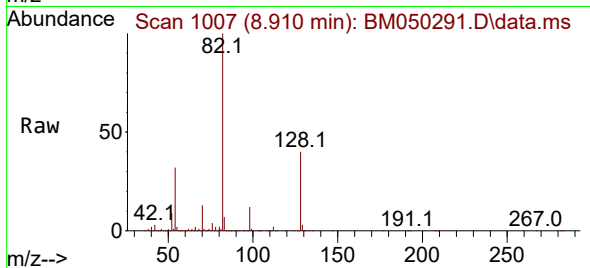
BNA_M

ClientSampleId :

RT-4643

Tgt Ion: 82 Resp: 2387512

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.2	52.8
54	32.3	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

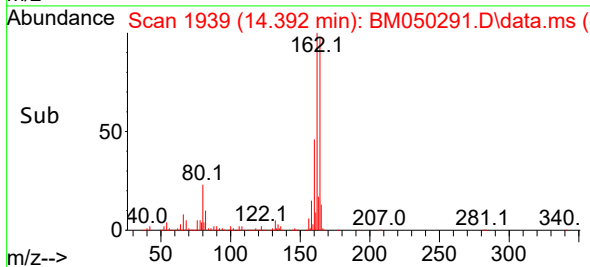
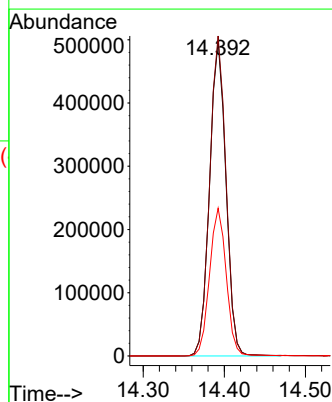
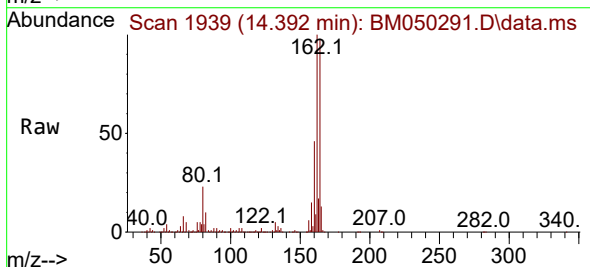
Delta R.T. -0.006 min

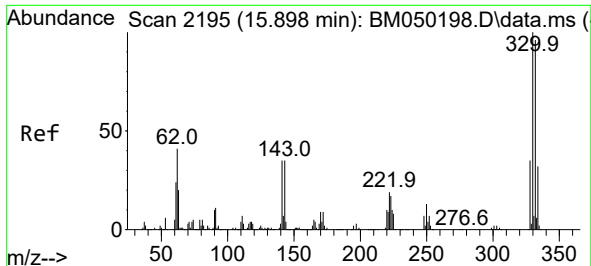
Lab File: BM050291.D

Acq: 12 Jun 2025 01:55

Tgt Ion: 164 Resp: 696811

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.4
160	46.9	35.7	53.5

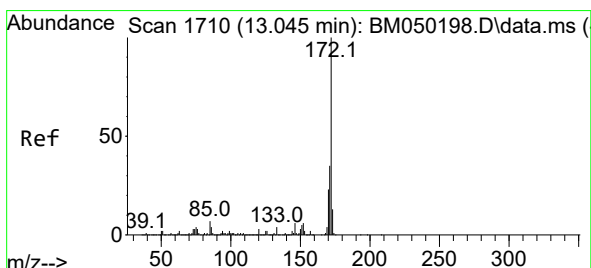
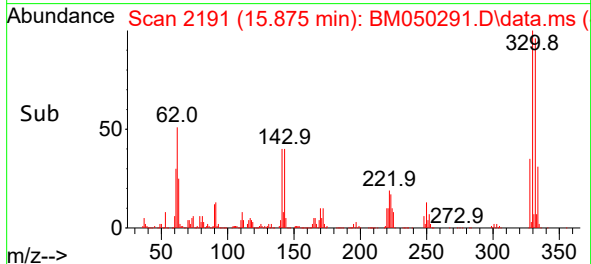
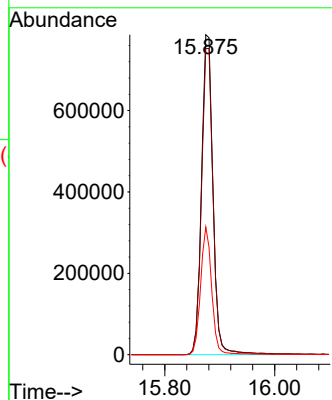
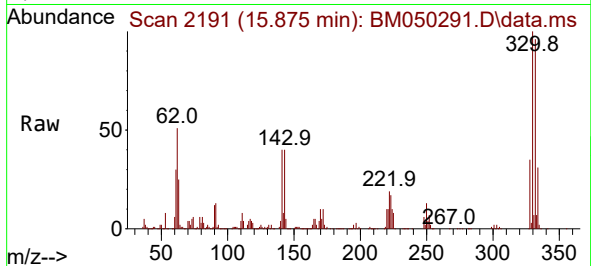




#42
2,4,6-Tribromophenol
Concen: 144.293 ng
RT: 15.875 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

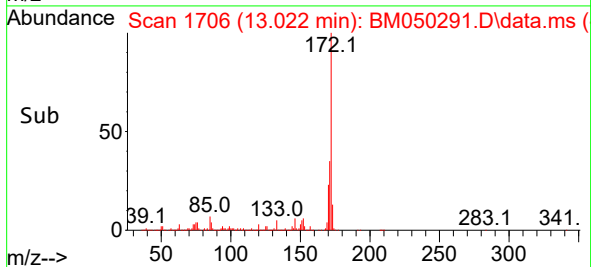
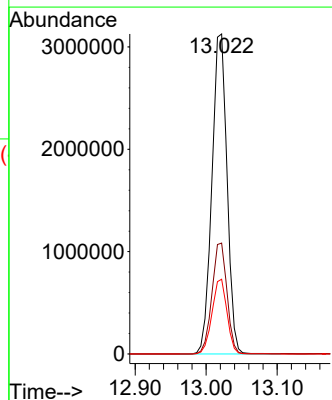
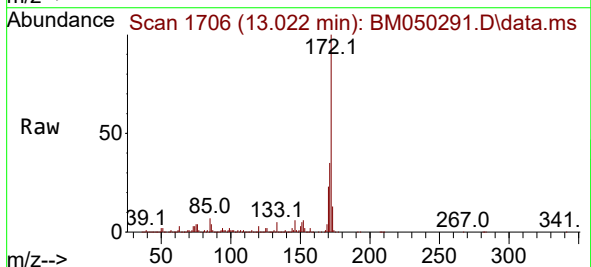
Instrument :
BNA_M
ClientSampleId :
RT-4643

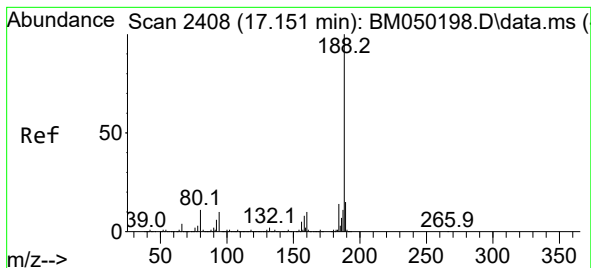
Tgt Ion:330 Resp: 1143628
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 38.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 89.789 ng
RT: 13.022 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BM050291.D
Acq: 12 Jun 2025 01:55

Tgt Ion:172 Resp: 4621351
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.011 min

Lab File: BM050291.D

Acq: 12 Jun 2025 01:55

Instrument :

BNA_M

ClientSampleId :

RT-4643

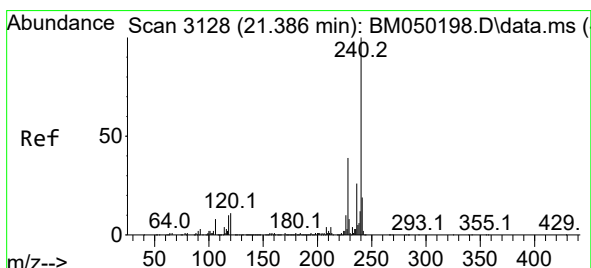
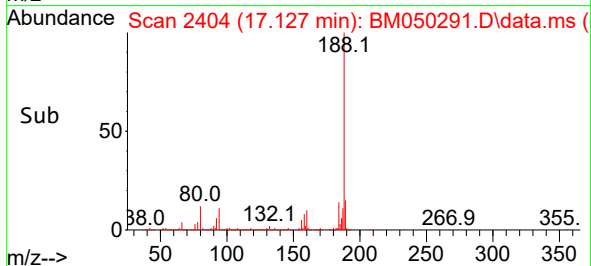
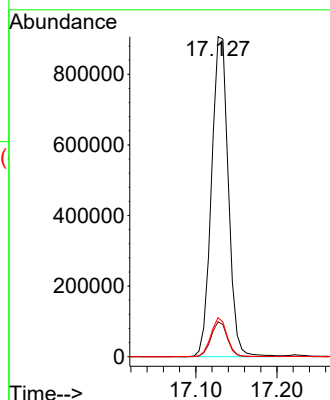
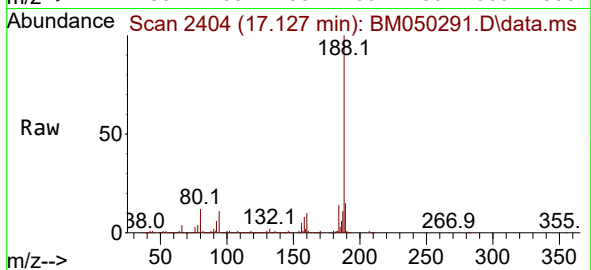
Tgt Ion:188 Resp: 1305490

Ion Ratio Lower Upper

188 100

94 11.0 8.1 12.1

80 12.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.017 min

Lab File: BM050291.D

Acq: 12 Jun 2025 01:55

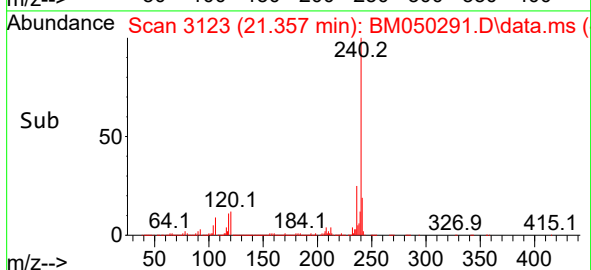
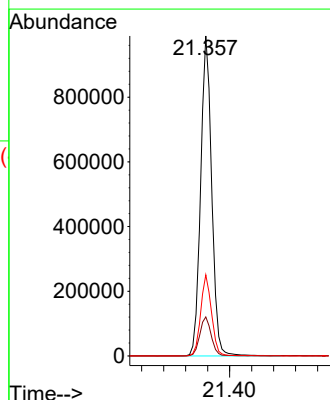
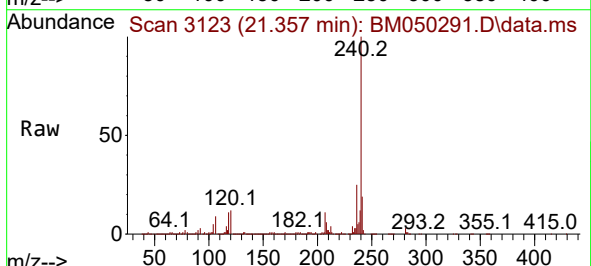
Tgt Ion:240 Resp: 1385730

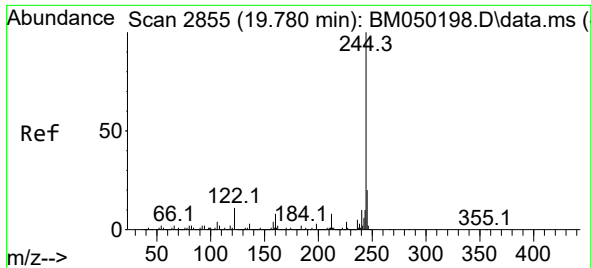
Ion Ratio Lower Upper

240 100

120 12.2 9.0 13.4

236 25.4 20.7 31.1

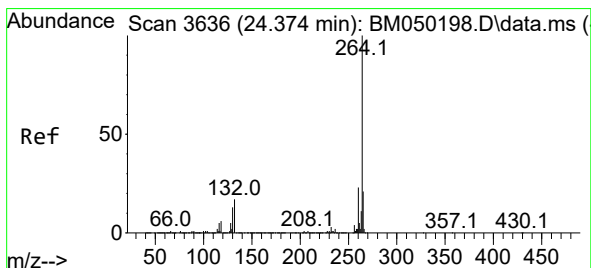
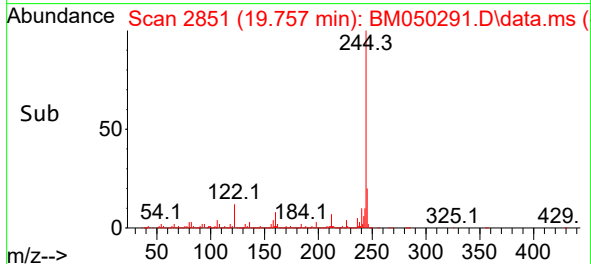
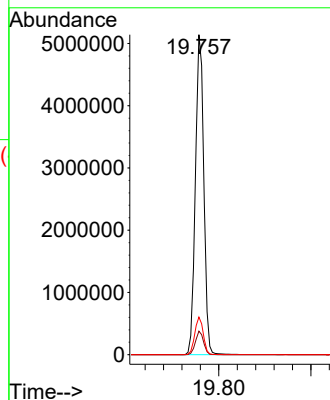
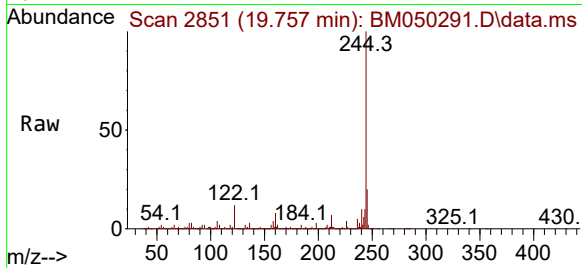




#79
 Terphenyl-d14
 Concen: 88.654 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BM050291.D
 Acq: 12 Jun 2025 01:55

Instrument :
 BNA_M
 ClientSampleId :
 RT-4643

Tgt Ion:244 Resp: 6482765
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.327 min Scan# 3628
 Delta R.T. -0.017 min
 Lab File: BM050291.D
 Acq: 12 Jun 2025 01:55

Tgt Ion:264 Resp: 1467873
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 16.8 25.2

