

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061125\
 Data File : BM050295.D
 Acq On : 12 Jun 2025 05:10
 Operator : RC/JU
 Sample : PB168369TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB168369TB

Quant Time: Jun 12 05:58:31 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	374014	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	1396895	20.000	ng	0.00
39) Acenaphthene-d10	14.392	164	776202	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	1516518	20.000	ng	-0.01
76) Chrysene-d12	21.356	240	1557464	20.000	ng	-0.02
86) Perylene-d12	24.327	264	1641162	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3376105	150.578	ng	0.00
7) Phenol-d6	6.934	99	4131453	139.977	ng	0.00
23) Nitrobenzene-d5	8.910	82	2436953	90.731	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	1349043	152.801	ng	0.00
45) 2-Fluorobiphenyl	13.015	172	5195965	90.628	ng	-0.01
79) Terphenyl-d14	19.756	244	7302911	88.857	ng	-0.01

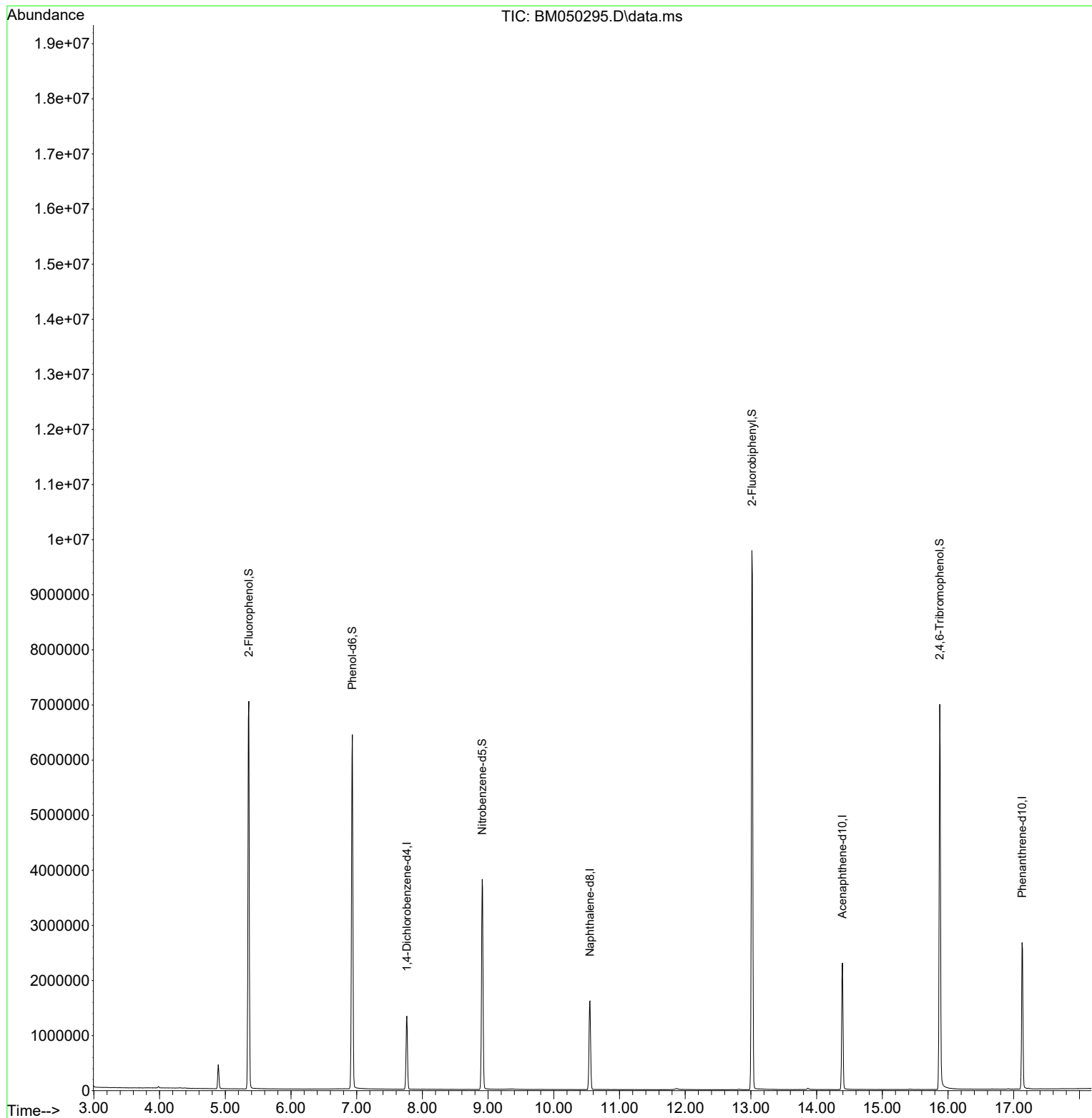
Target Compounds	Qvalue

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

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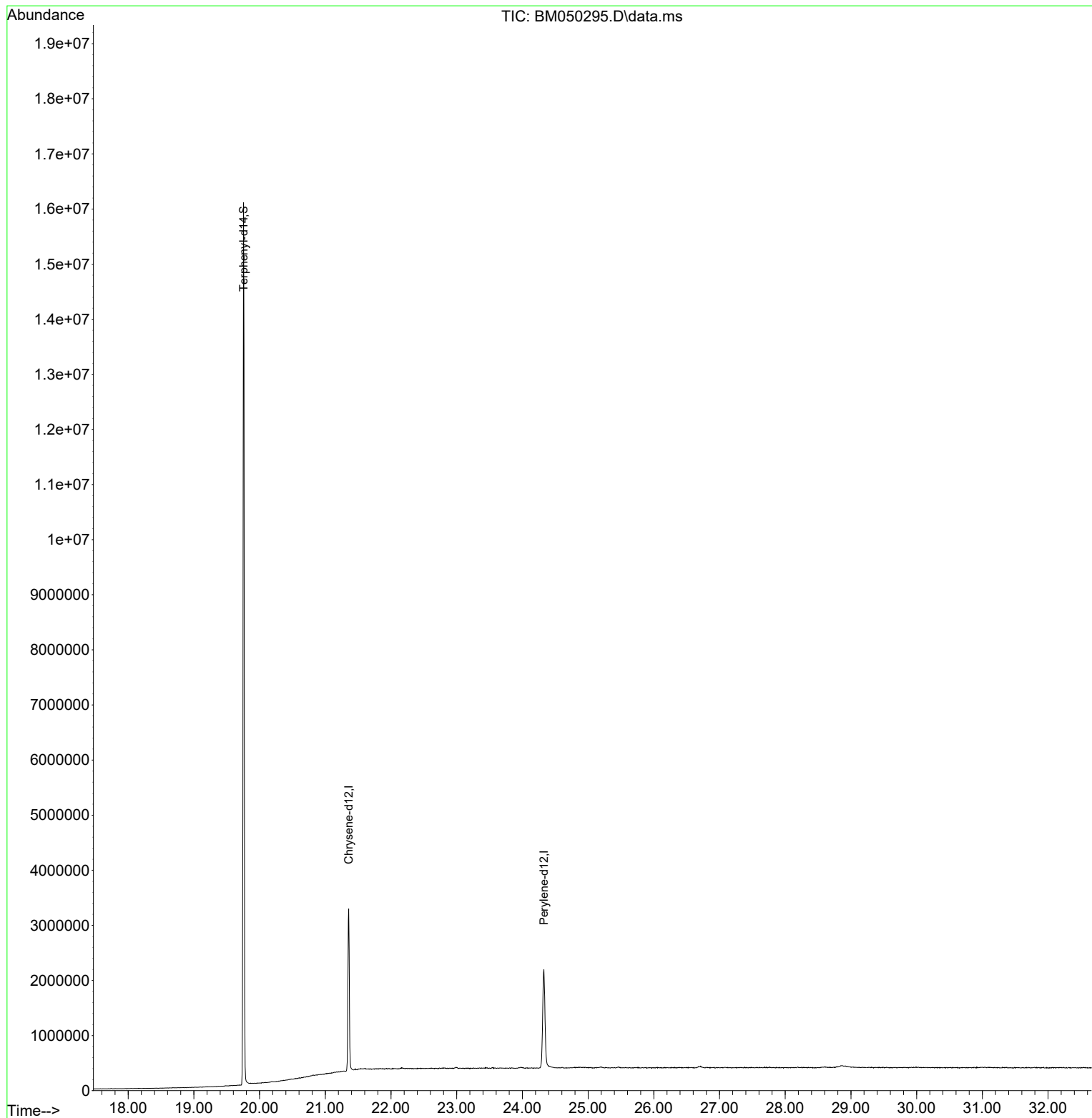
Quant Time: Jun 12 05:58:31 2025
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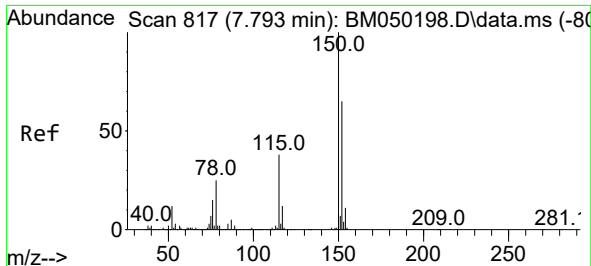


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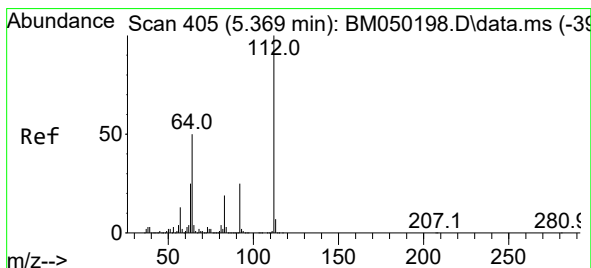
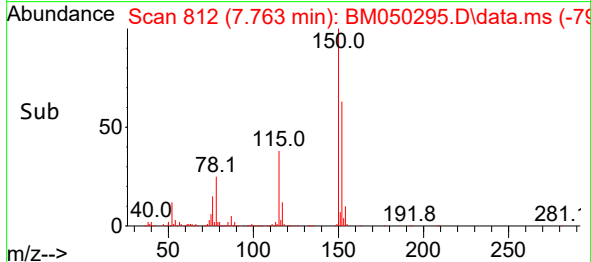
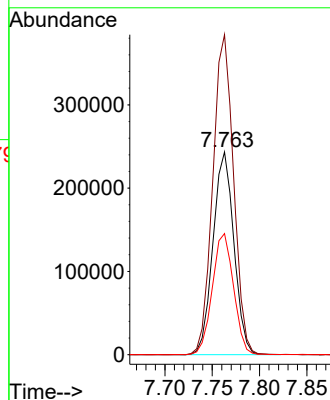
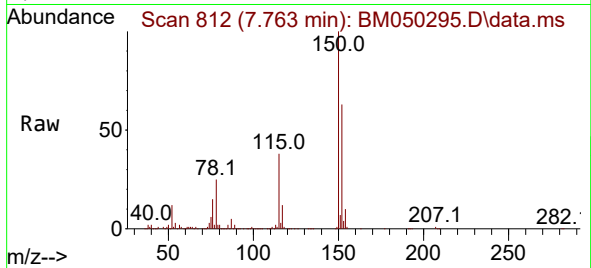




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

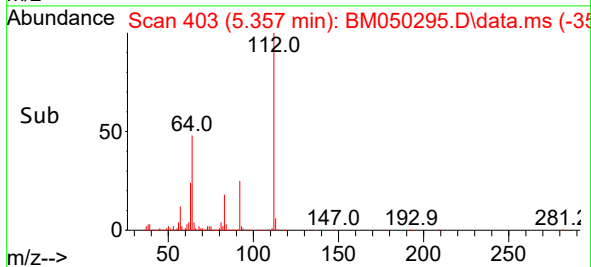
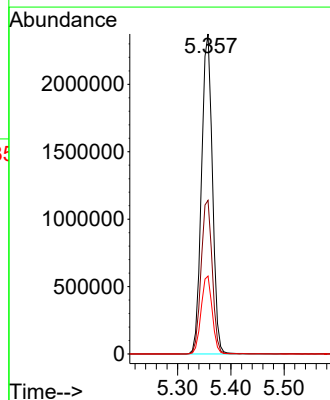
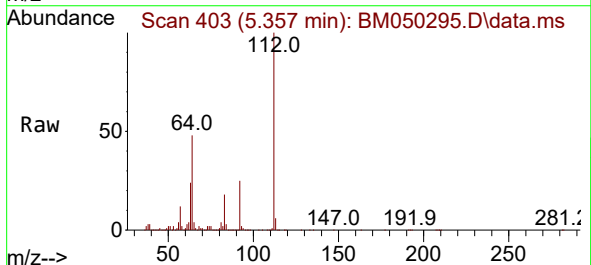
Instrument :
BNA_M
ClientSampleId :
PB168369TB

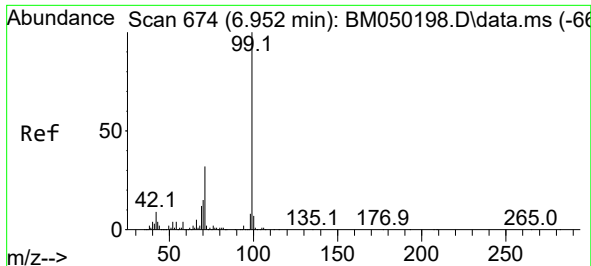
Tgt Ion:152 Resp: 374014
Ion Ratio Lower Upper
152 100
150 157.8 122.2 183.4
115 59.8 46.3 69.5



#5
2-Fluorophenol
Concen: 150.578 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:112 Resp: 3376105
Ion Ratio Lower Upper
112 100
64 48.0 39.8 59.6
63 24.4 19.8 29.8

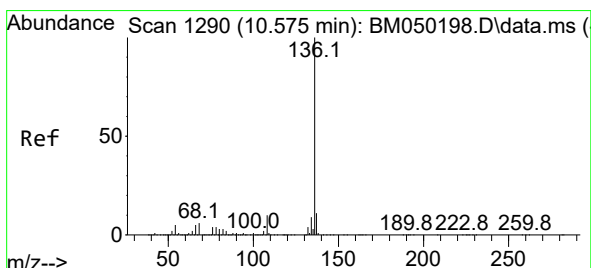
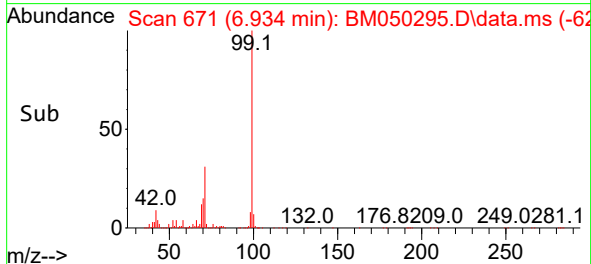
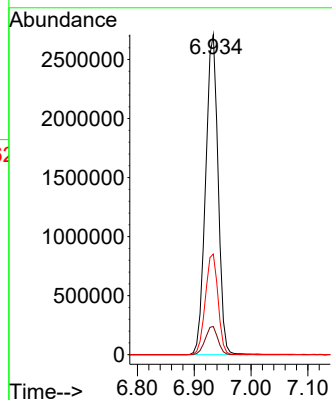
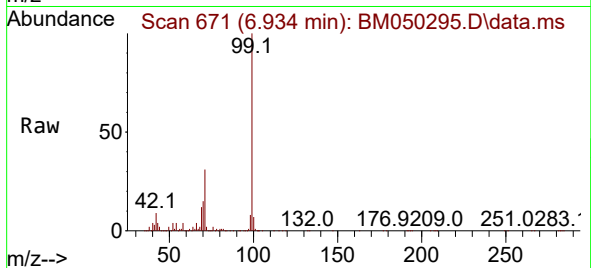




#7
Phenol-d6
Concen: 139.977 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

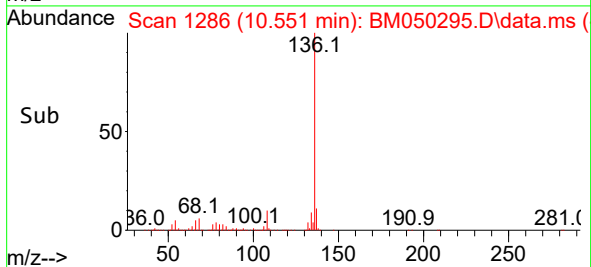
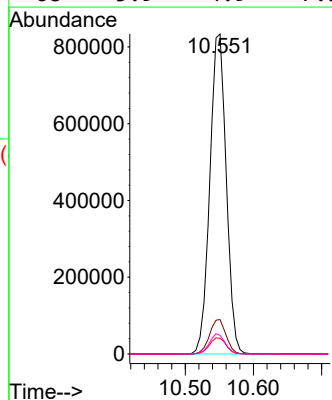
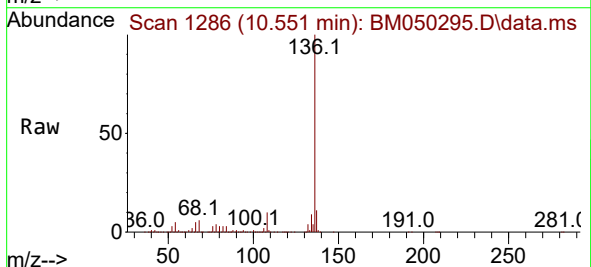
Instrument :
BNA_M
ClientSampleId :
PB168369TB

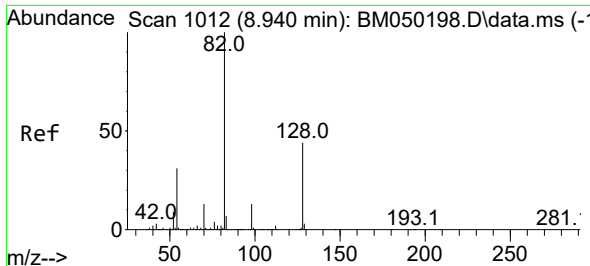
Tgt Ion: 99 Resp: 4131453
Ion Ratio Lower Upper
99 100
42 8.8 6.9 10.3
71 31.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion: 136 Resp: 1396895
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 4.9 3.8 5.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 90.731 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050295.D

Acq: 12 Jun 2025 05:10

Instrument :

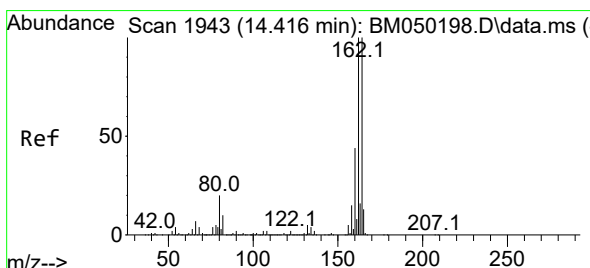
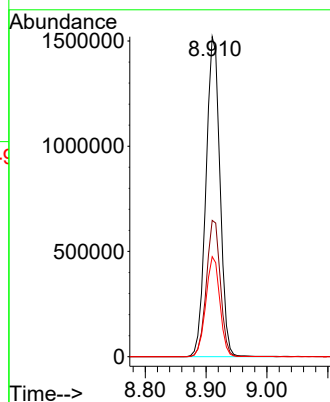
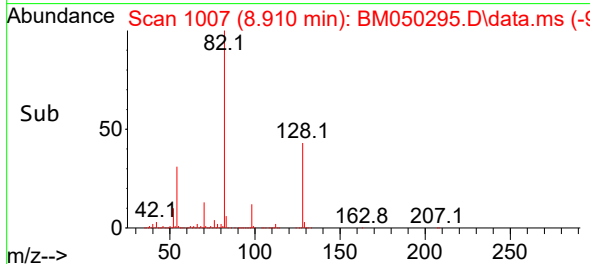
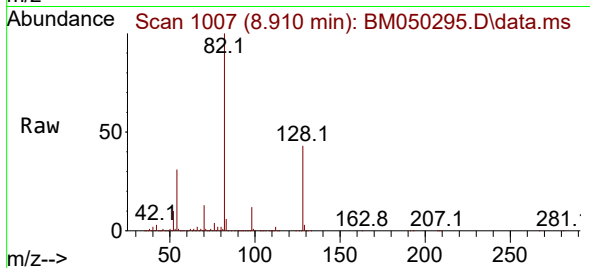
BNA_M

ClientSampleId :

PB168369TB

Tgt Ion: 82 Resp: 2436953

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.2	52.8
54	31.3	24.5	36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

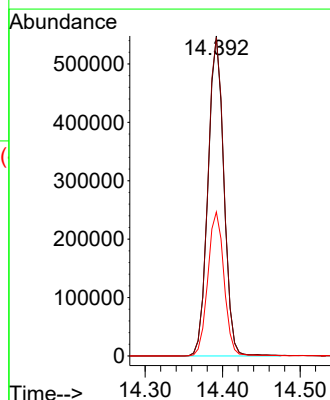
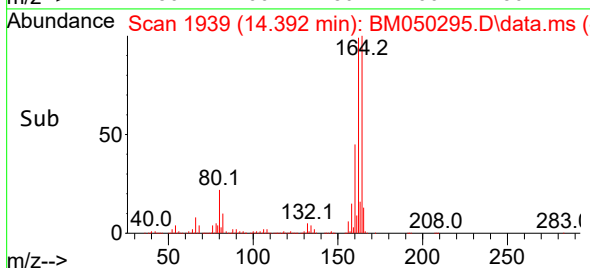
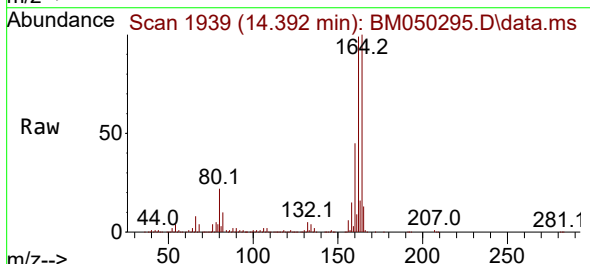
Delta R.T. -0.006 min

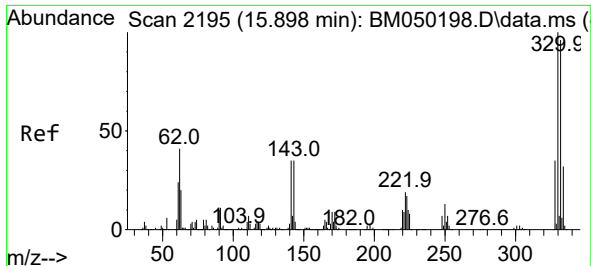
Lab File: BM050295.D

Acq: 12 Jun 2025 05:10

Tgt Ion: 164 Resp: 776202

Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.2	120.4
160	45.0	35.7	53.5

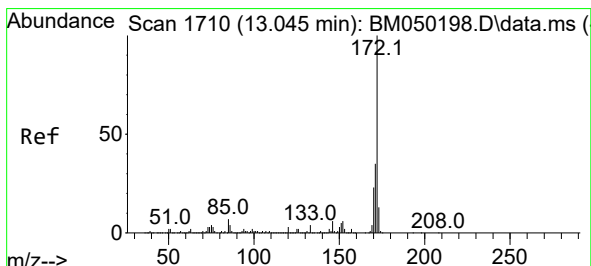
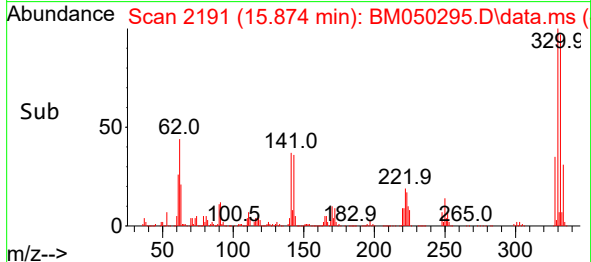
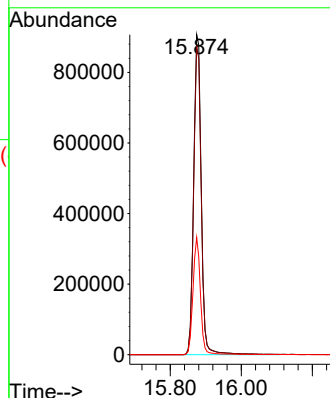
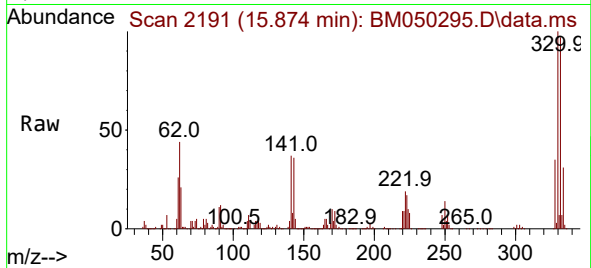




#42
2,4,6-Tribromophenol
Concen: 152.801 ng
RT: 15.874 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

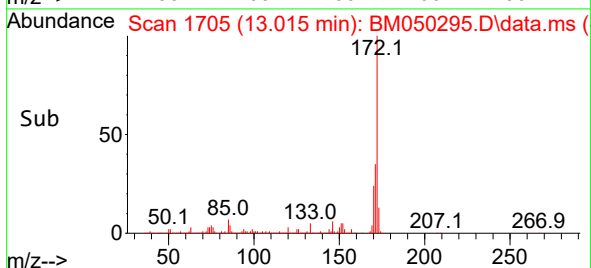
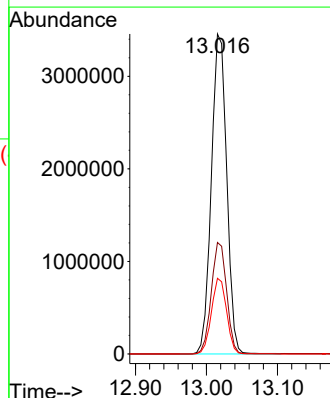
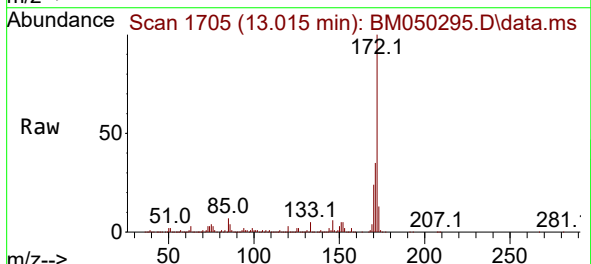
Instrument :
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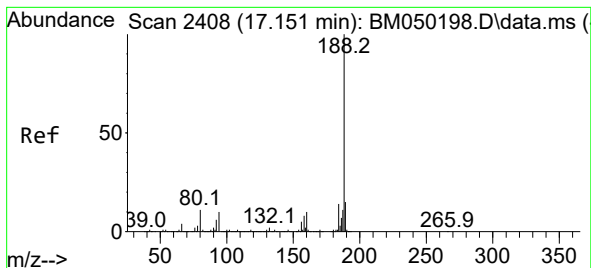
Tgt Ion:330 Resp: 1349043
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 35.9 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 90.628 ng
RT: 13.015 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:172 Resp: 5195965
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050295.D

Acq: 12 Jun 2025 05:10

Instrument :

BNA_M

ClientSampleId :

PB168369TB

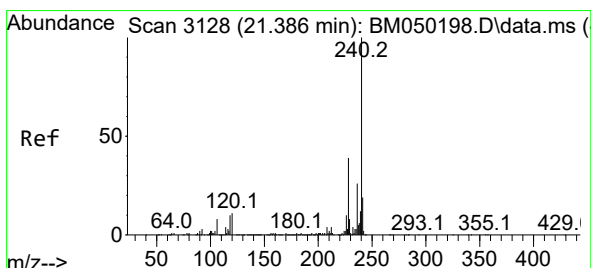
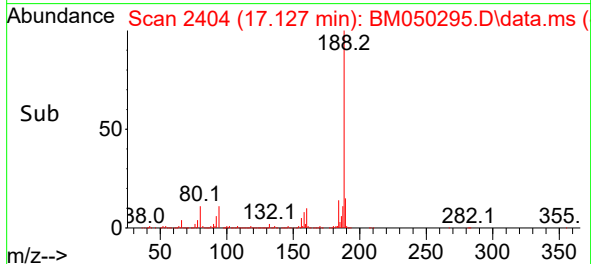
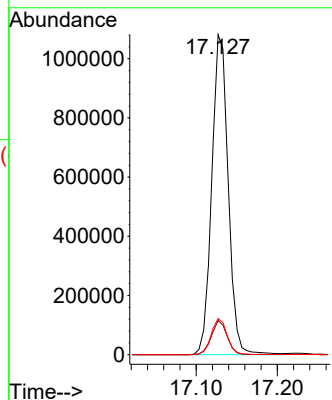
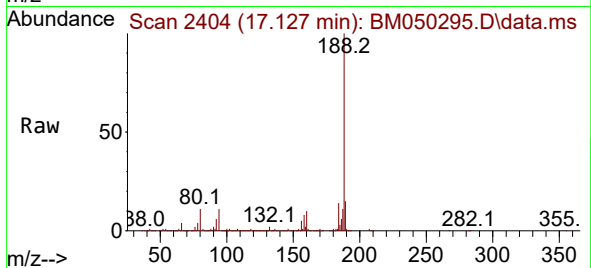
Tgt Ion:188 Resp: 1516518

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

80 11.3 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM050295.D

Acq: 12 Jun 2025 05:10

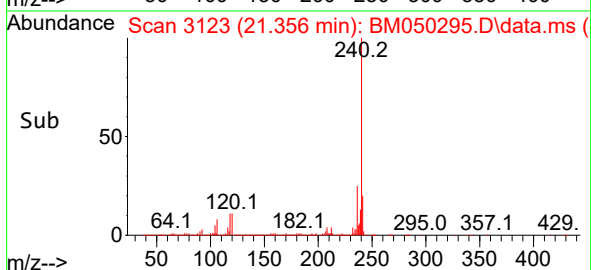
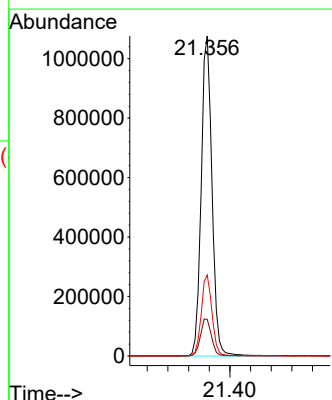
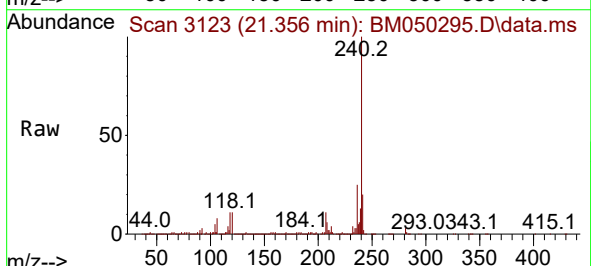
Tgt Ion:240 Resp: 1557464

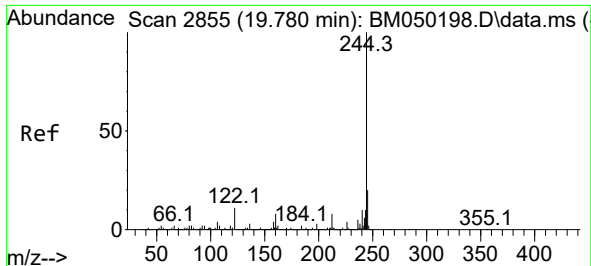
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.3 20.7 31.1

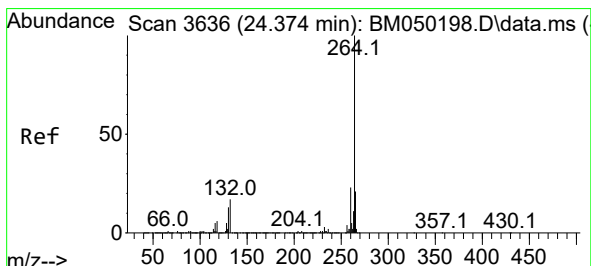
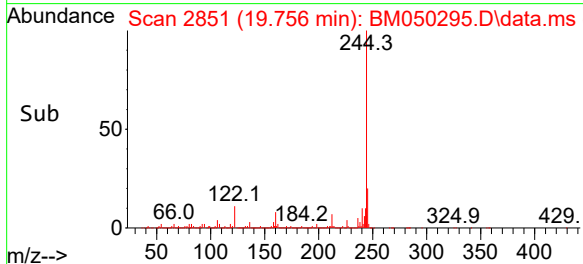
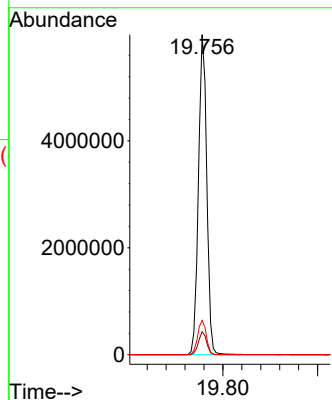
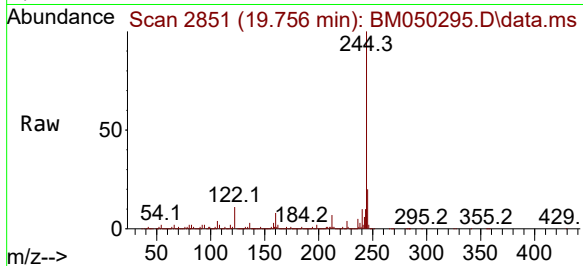




#79
Terphenyl-d14
Concen: 88.857 ng
RT: 19.756 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Instrument :
BNA_M
ClientSampleId :
PB168369TB

Tgt Ion:244 Resp: 7302911
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: 24.327 min Scan# 3628
Delta R.T. -0.018 min
Lab File: BM050295.D
Acq: 12 Jun 2025 05:10

Tgt Ion:264 Resp: 1641162
Ion Ratio Lower Upper
264 100
260 22.6 18.6 28.0
265 21.2 16.8 25.2

