

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061325\
 Data File : BM050302.D
 Acq On : 13 Jun 2025 16:31
 Operator : RC/JU
 Sample : Q2287-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-SLAB

Quant Time: Jun 13 18:05:11 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)

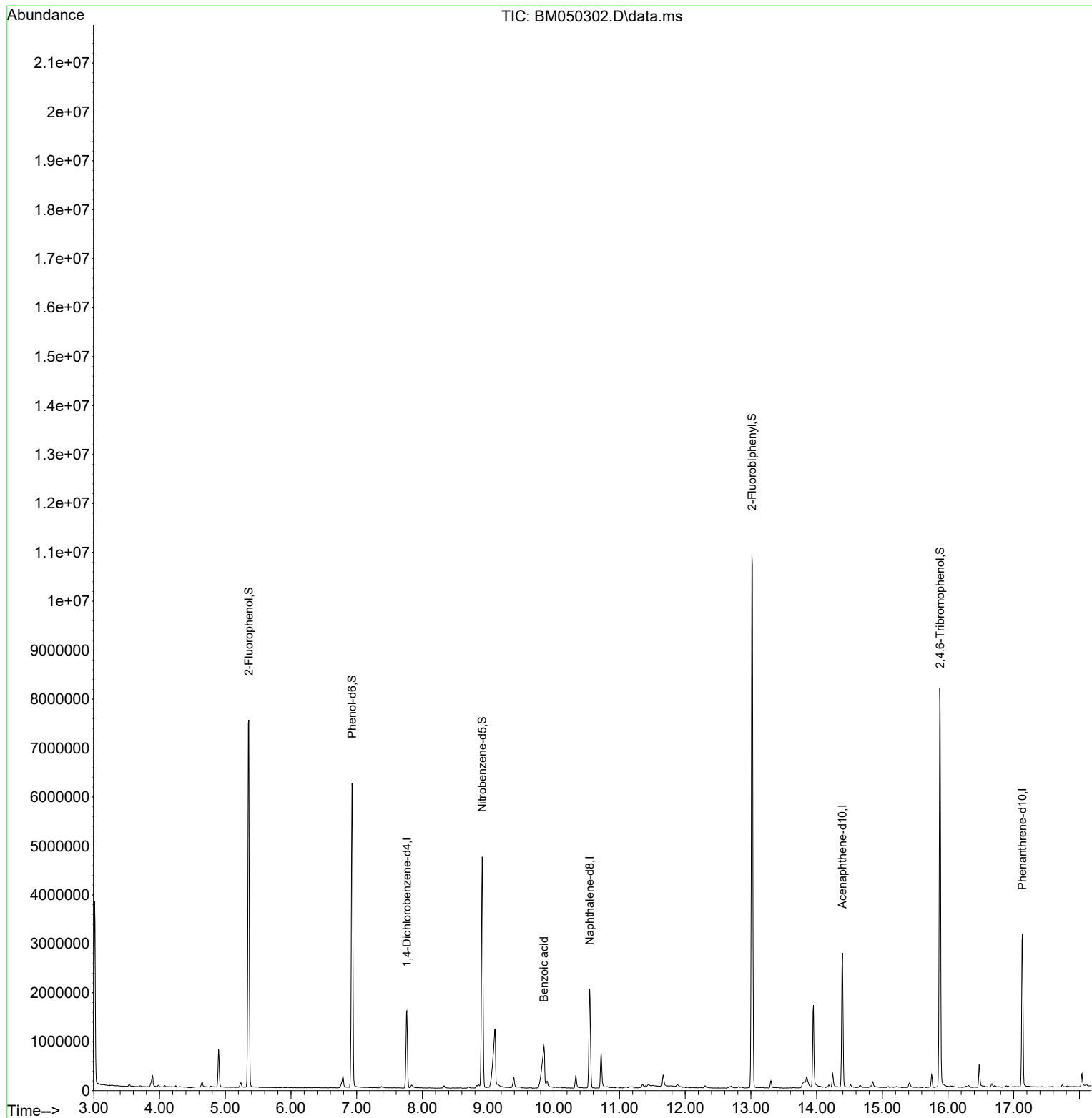
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	448758	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1702322	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	953364	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	1772941	20.000	ng	0.00
76) Chrysene-d12	21.362	240	1833717	20.000	ng	-0.01
86) Perylene-d12	24.333	264	1904952	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	3629051	134.901	ng	0.00
7) Phenol-d6	6.928	99	4193315	118.410	ng	0.00
23) Nitrobenzene-d5	8.910	82	2992541	91.426	ng	0.00
42) 2,4,6-Tribromophenol	15.880	330	1547586	142.716	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5920963	84.082	ng	-0.01
79) Terphenyl-d14	19.762	244	8321033	85.992	ng	0.00
Target Compounds						
32) Benzoic acid	9.851	122	581353	35.036	ng	Qvalue 98

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

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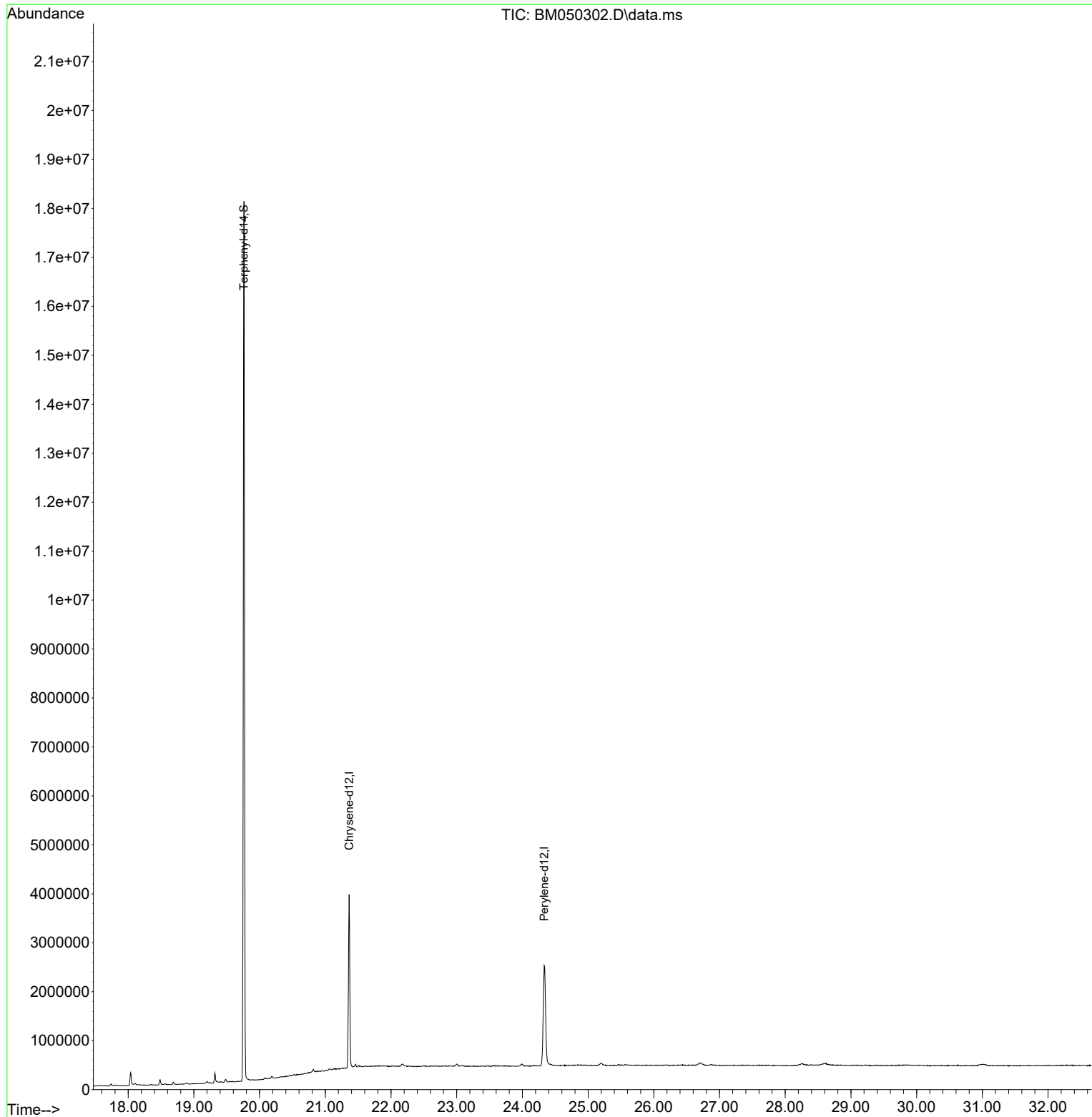
Quant Time: Jun 13 18:05:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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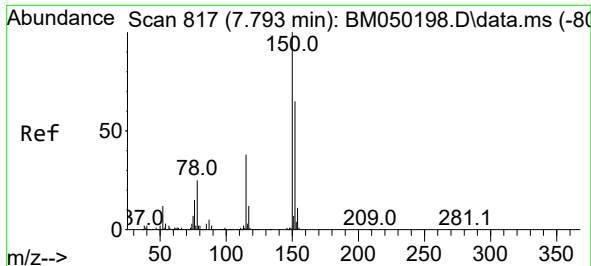


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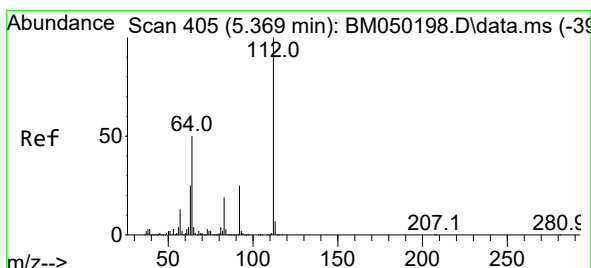
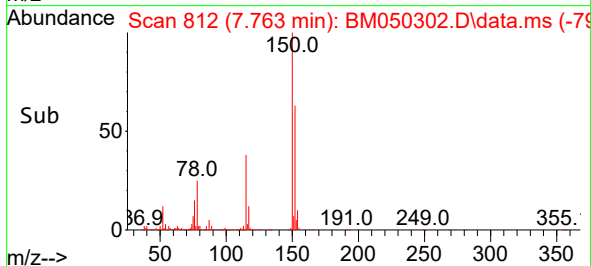
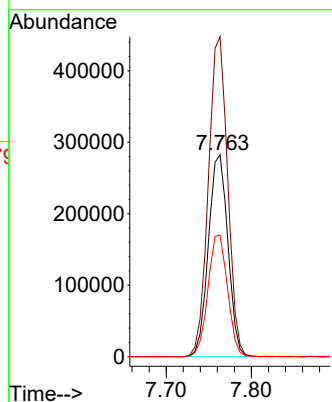
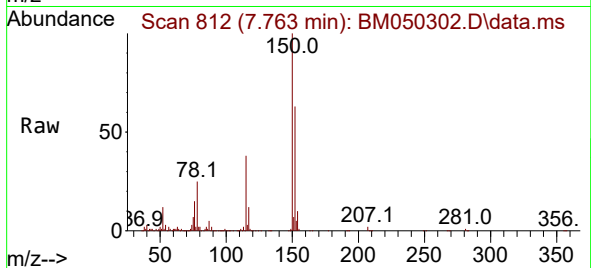




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 817
Delta R.T. -0.006 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

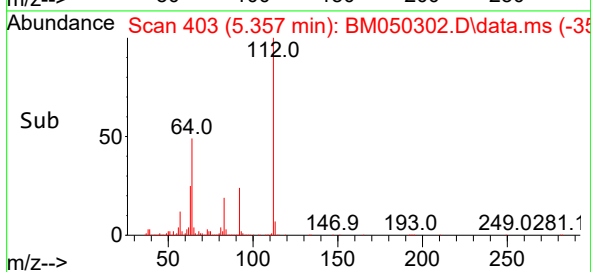
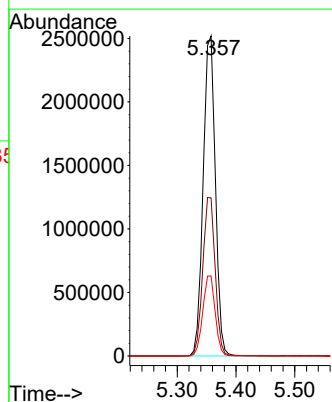
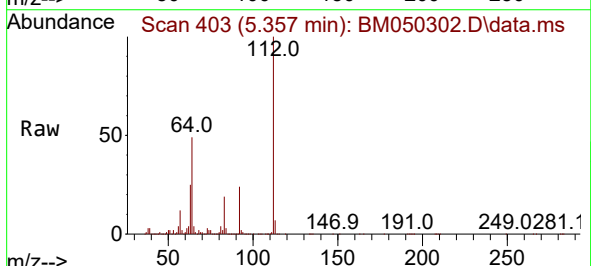
Instrument :
BNA_M
ClientSampleId :
CONCRETE-SLAB

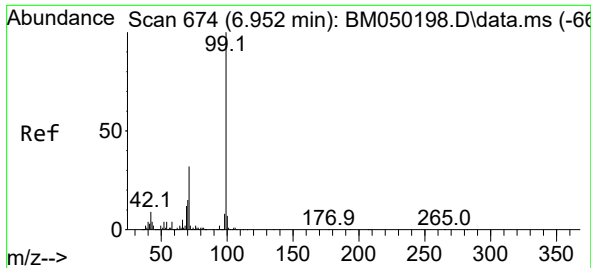
Tgt Ion:152 Resp: 448758
Ion Ratio Lower Upper
152 100
150 158.5 122.2 183.4
115 60.1 46.3 69.5



#5
2-Fluorophenol
Concen: 134.901 ng
RT: 5.357 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

Tgt Ion:112 Resp: 3629051
Ion Ratio Lower Upper
112 100
64 49.4 39.8 59.6
63 25.0 19.8 29.8

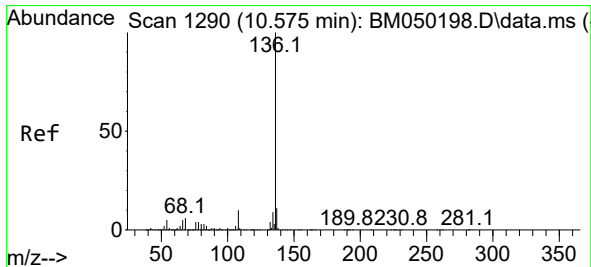
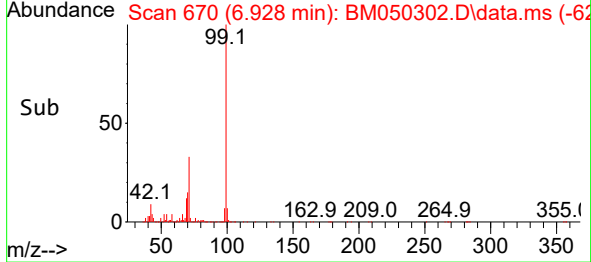
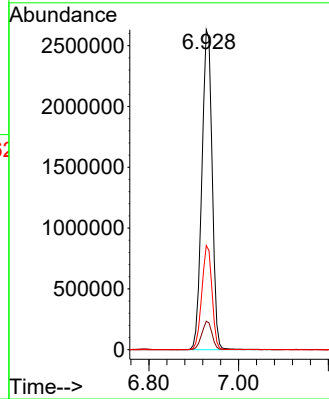
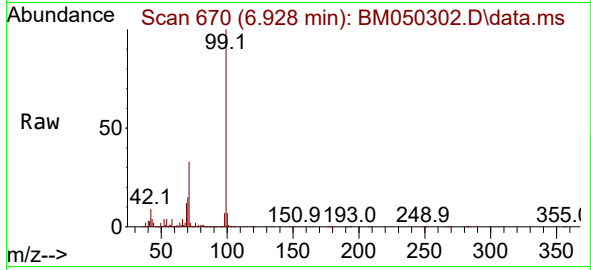




#7
Phenol-d6
Concen: 118.410 ng
RT: 6.928 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

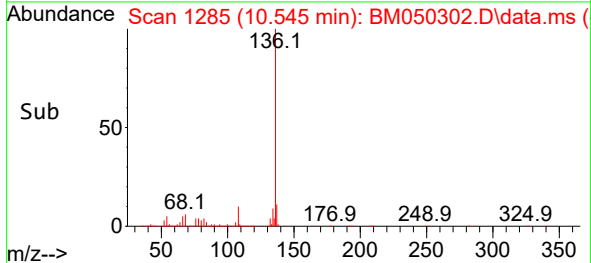
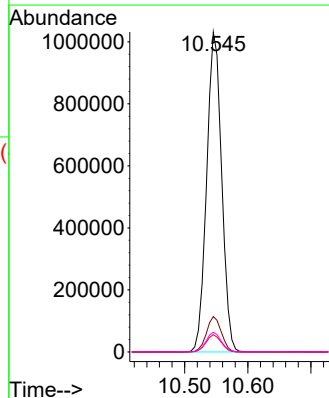
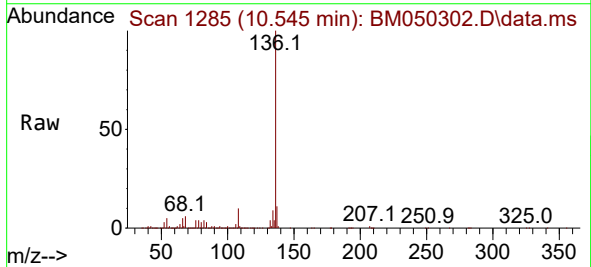
Instrument :
BNA_M
ClientSampleId :
CONCRETE-SLAB

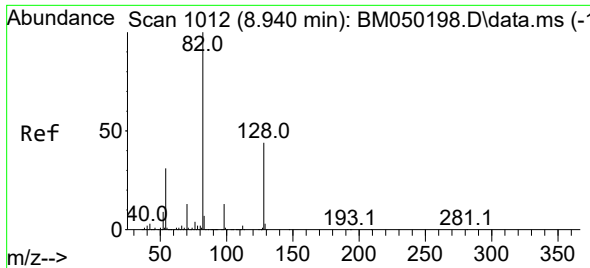
Tgt Ion: 99 Resp: 4193315
Ion Ratio Lower Upper
99 100
42 8.9 6.9 10.3
71 32.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.545 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

Tgt Ion: 136 Resp: 1702322
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 5.4 3.8 5.8
68 6.1 4.9 7.3

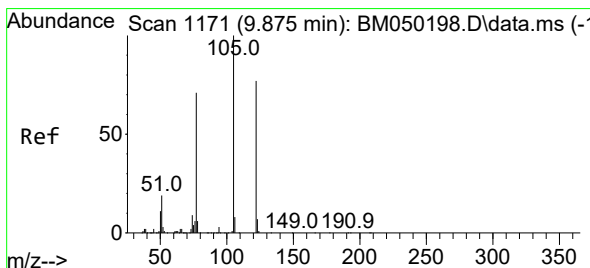
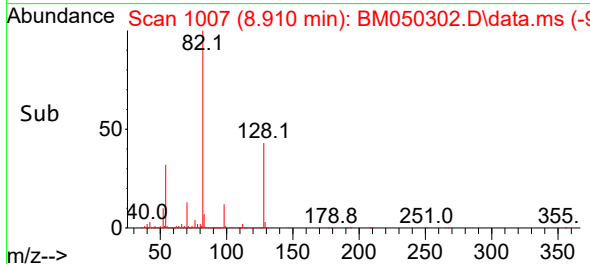
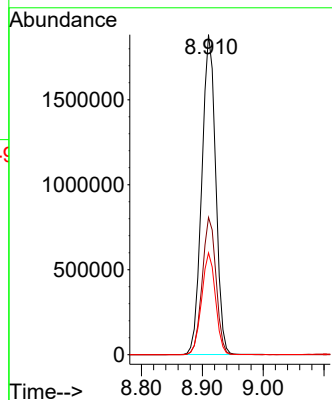
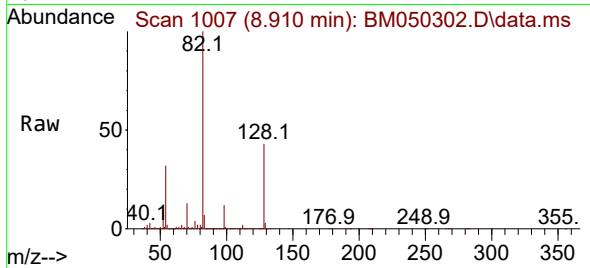




#23
Nitrobenzene-d5
Concen: 91.426 ng
RT: 8.910 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

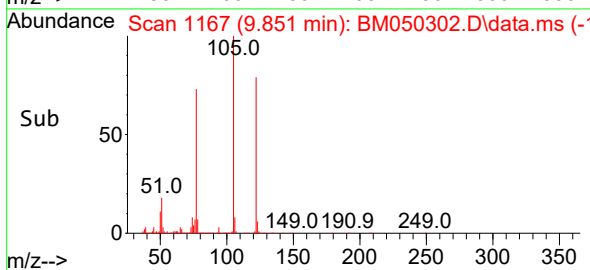
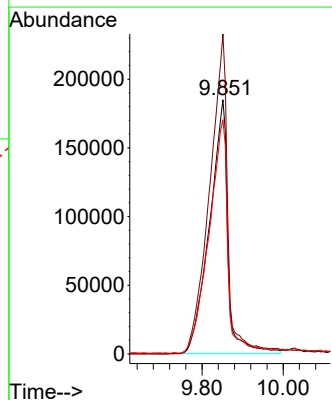
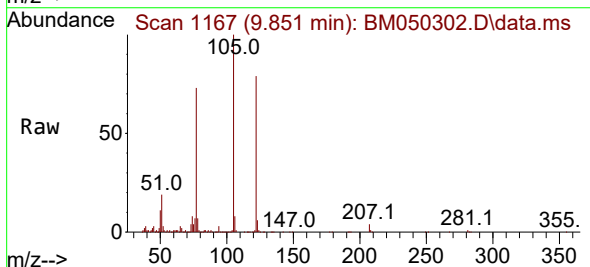
Instrument :
BNA_M
ClientSampleId :
CONCRETE-SLAB

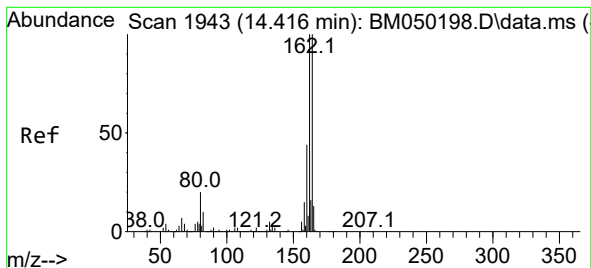
Tgt Ion: 82 Resp: 2992541
Ion Ratio Lower Upper
82 100
128 42.9 35.2 52.8
54 31.8 24.5 36.7



#32
Benzoic acid
Concen: 35.036 ng
RT: 9.851 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

Tgt Ion:122 Resp: 581353
Ion Ratio Lower Upper
122 100
105 125.8 103.4 143.4
77 91.9 70.3 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

Delta R.T. -0.006 min

Lab File: BM050302.D

Acq: 13 Jun 2025 16:31

Instrument :

BNA_M

ClientSampleId :

CONCRETE-SLAB

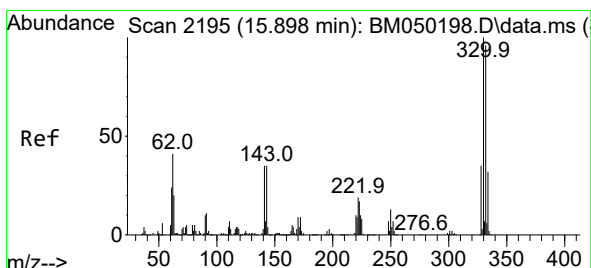
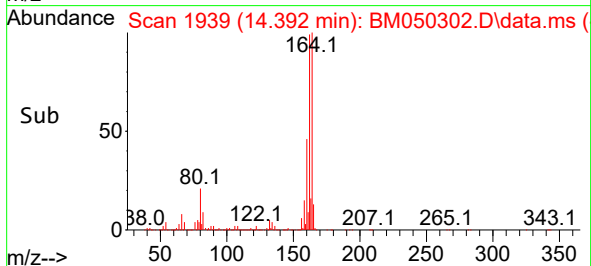
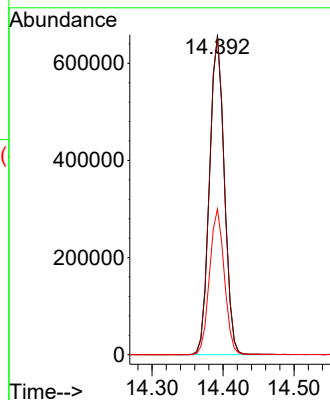
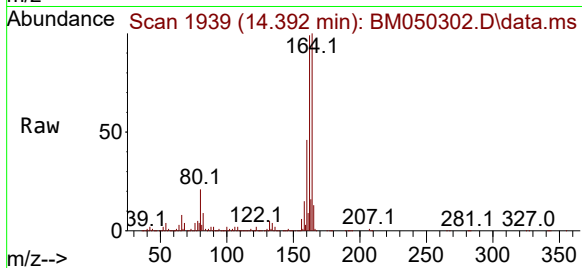
Tgt Ion:164 Resp: 953364

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.4

160 45.6 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 142.716 ng

RT: 15.880 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BM050302.D

Acq: 13 Jun 2025 16:31

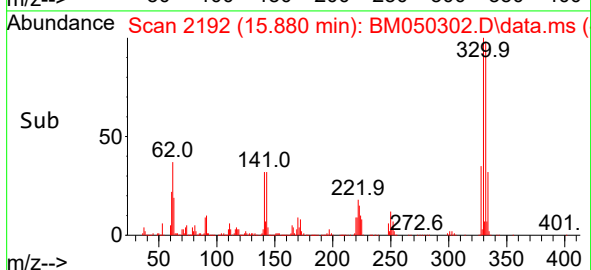
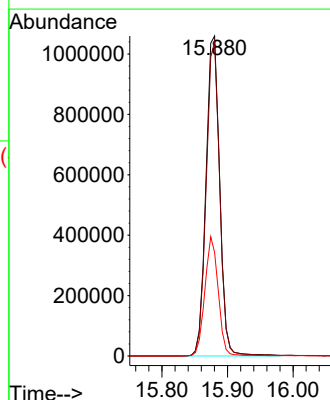
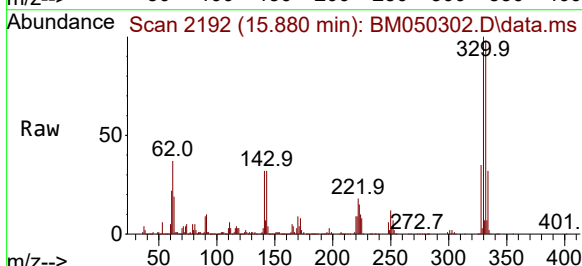
Tgt Ion:330 Resp: 1547586

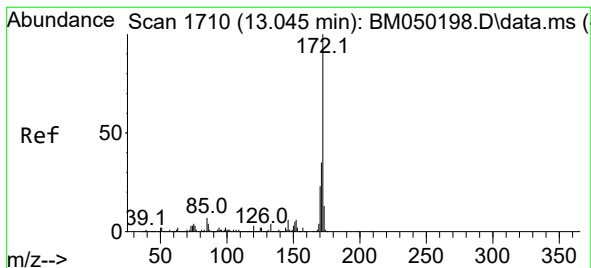
Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 36.4 28.8 43.2

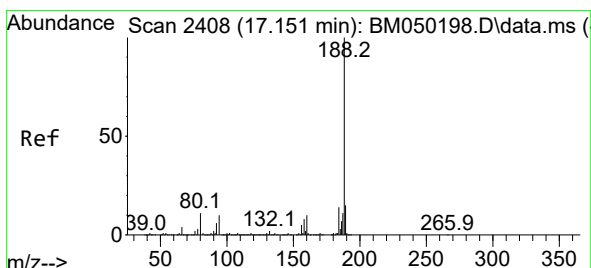
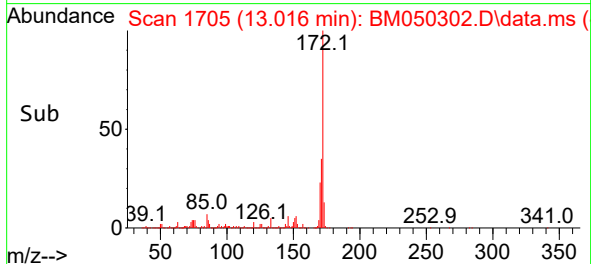
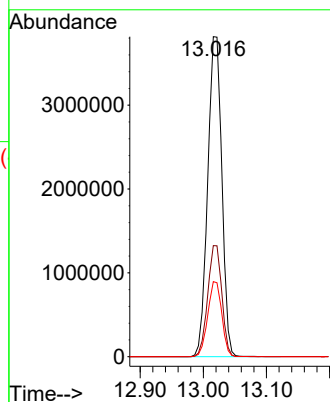
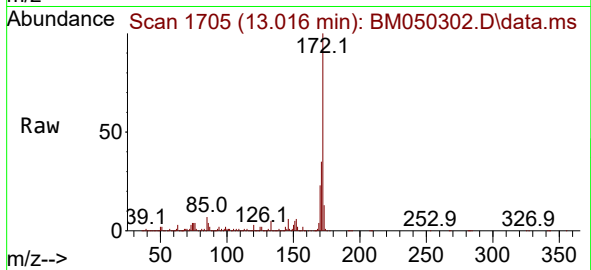




#45
2-Fluorobiphenyl
Concen: 84.082 ng
RT: 13.016 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

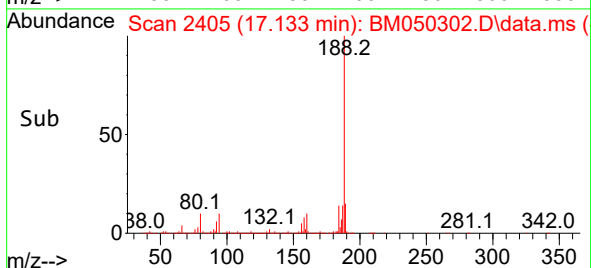
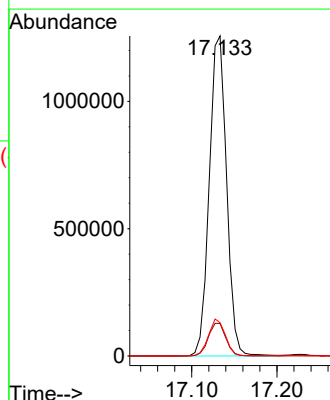
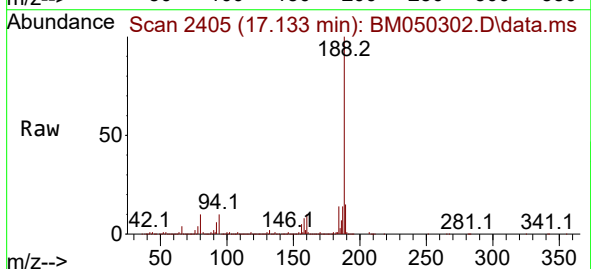
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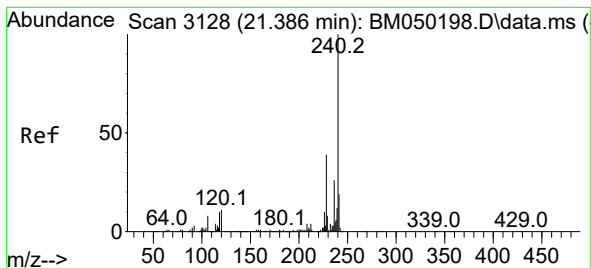
Tgt Ion:172 Resp: 5920963
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM050302.D
Acq: 13 Jun 2025 16:31

Tgt Ion:188 Resp: 1772941
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 10.4 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.362 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM050302.D

Acq: 13 Jun 2025 16:31

Instrument :

BNA_M

ClientSampleId :

CONCRETE-SLAB

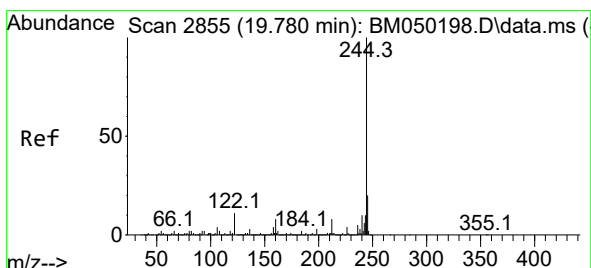
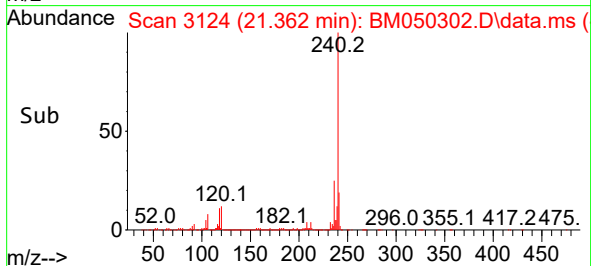
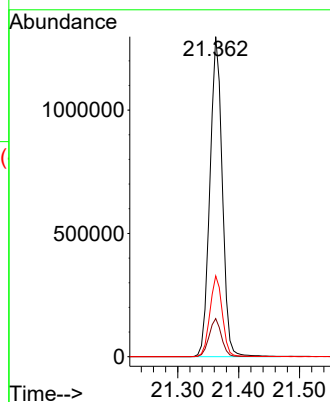
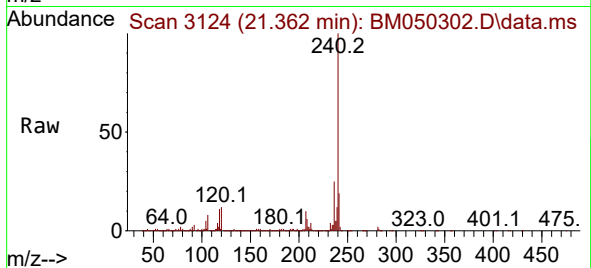
Tgt Ion:240 Resp: 1833717

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.4

236 25.2 20.7 31.1



#79

Terphenyl-d14

Concen: 85.992 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050302.D

Acq: 13 Jun 2025 16:31

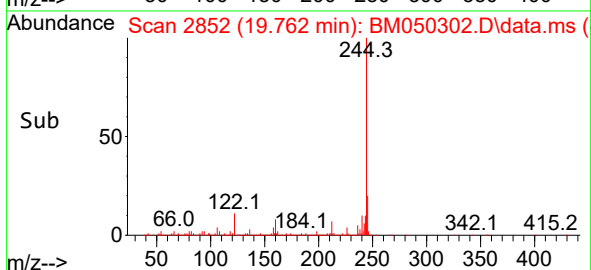
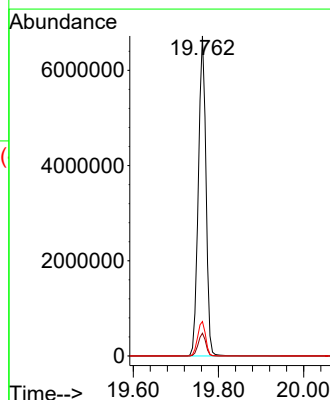
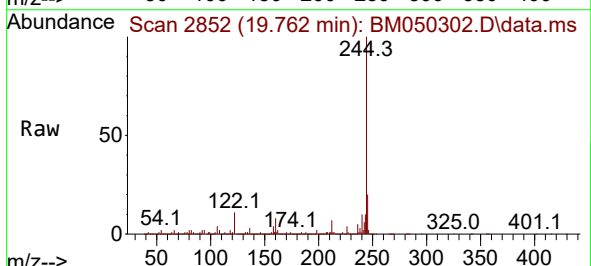
Tgt Ion:244 Resp: 8321033

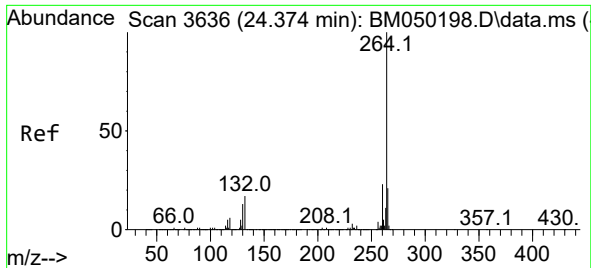
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

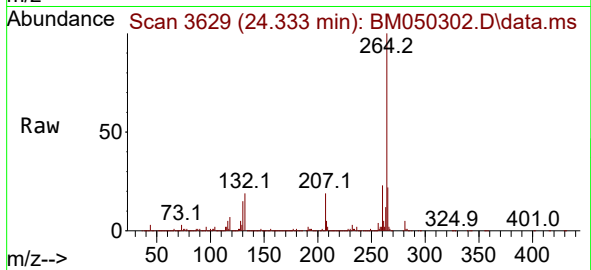
122 10.7 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.333 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BM050302.D
 Acq: 13 Jun 2025 16:31

Instrument :
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Tgt Ion:264 Resp: 1904952
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.8 16.8 25.2

