

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049772.D
 Acq On : 01 Apr 2025 13:33
 Operator : RC/JU
 Sample : Q1597-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2-CONCRETE-SLAB

Quant Time: Apr 01 14:07:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	286775	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1004087	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	654816	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1196551	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	852082	20.000	ng	-0.02
86) Perylene-d12	24.409	264	761405	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	679179	39.961	ng	-0.01
7) Phenol-d6	6.963	99	1311544	61.491	ng	-0.02
23) Nitrobenzene-d5	8.945	82	919798	47.032	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	225747	29.524	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	2502520	47.862	ng	-0.01
79) Terphenyl-d14	19.797	244	3100847	61.324	ng	-0.01

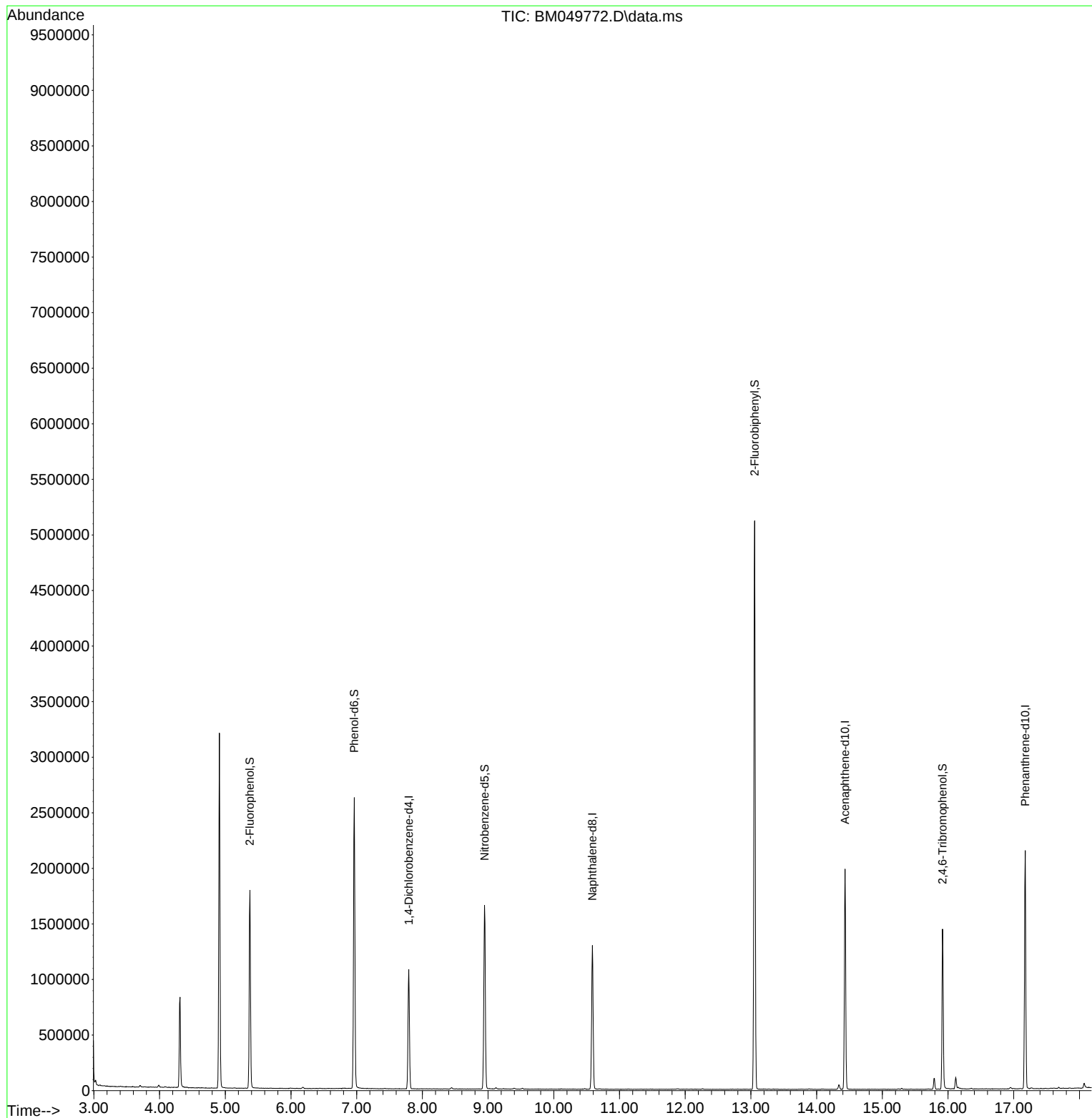
Target Compounds	Qvalue

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

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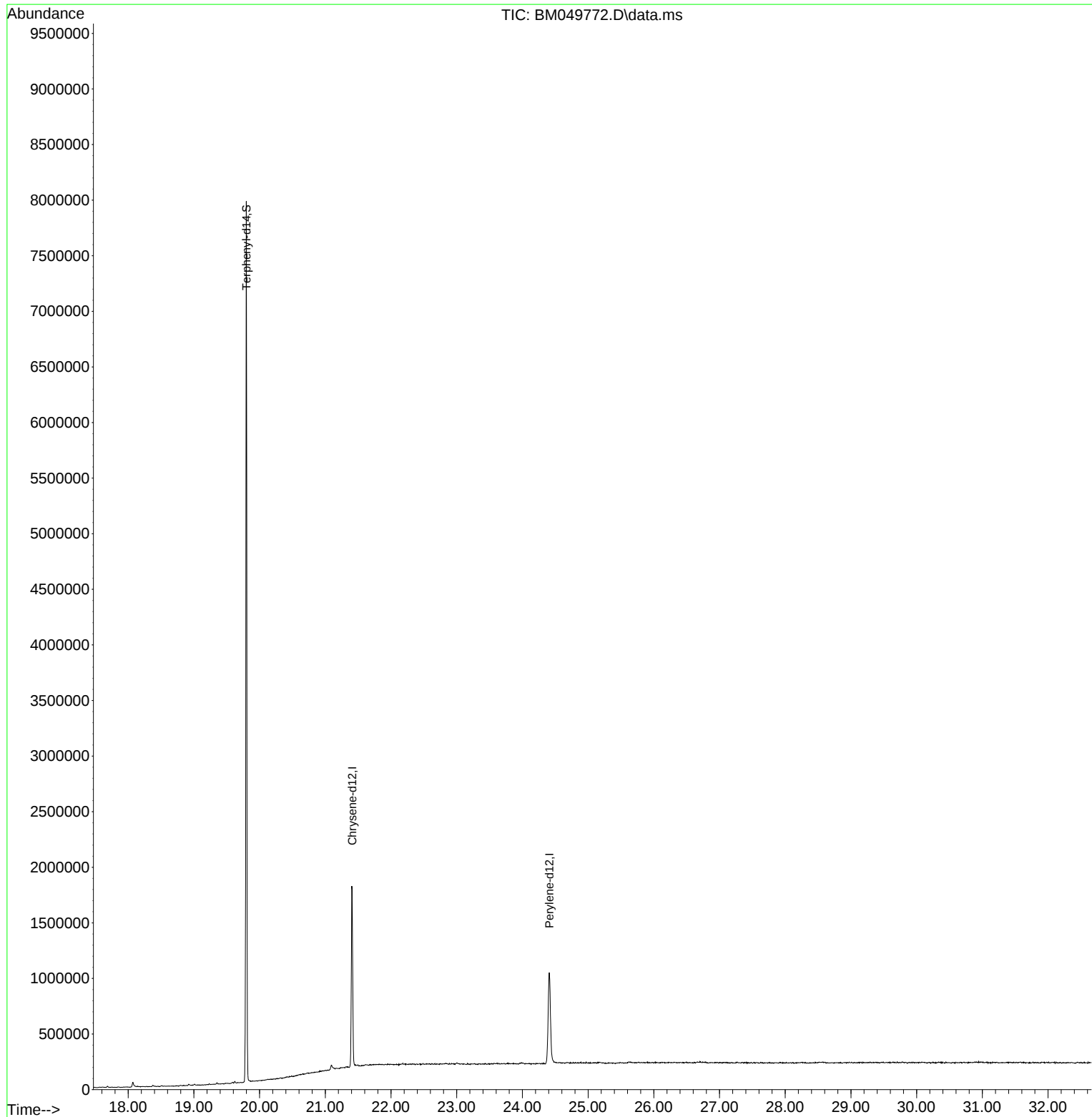
Quant Time: Apr 01 14:07:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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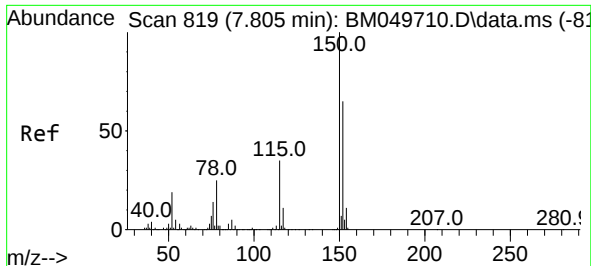


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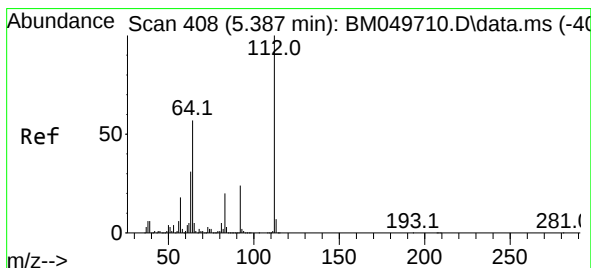
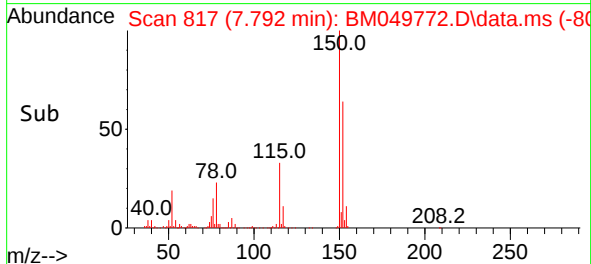
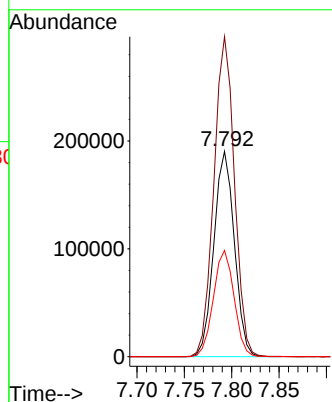
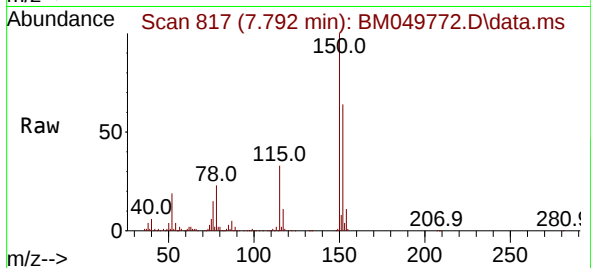




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

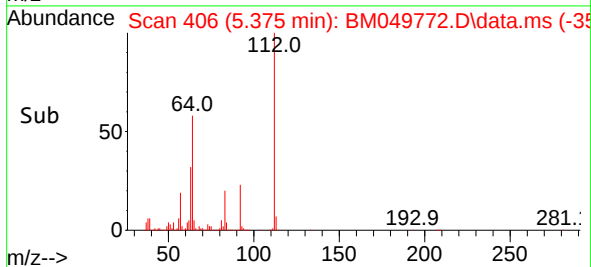
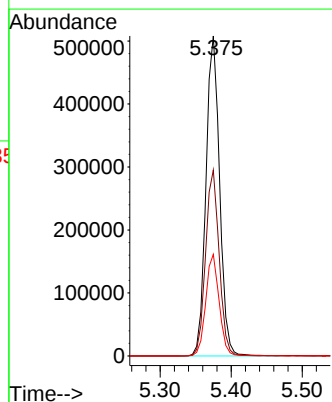
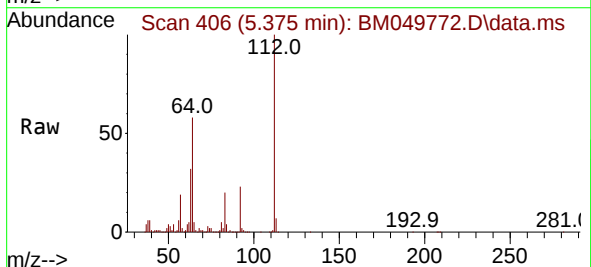
Instrument :
BNA_M
ClientSampleId :
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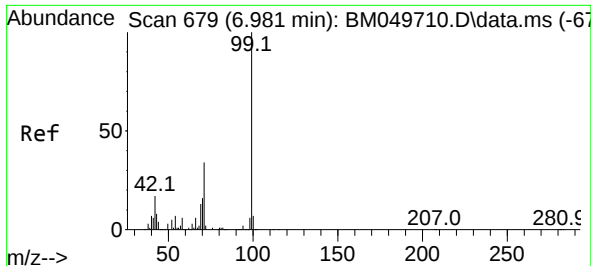
Tgt Ion:152 Resp: 286775
Ion Ratio Lower Upper
152 100
150 155.9 123.8 185.8
115 51.8 43.0 64.6



#5
2-Fluorophenol
Concen: 39.961 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

Tgt Ion:112 Resp: 679179
Ion Ratio Lower Upper
112 100
64 58.1 45.3 67.9
63 31.8 24.4 36.6

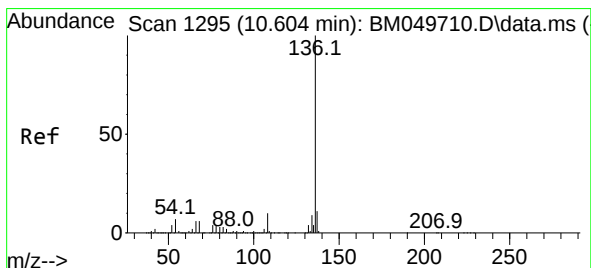
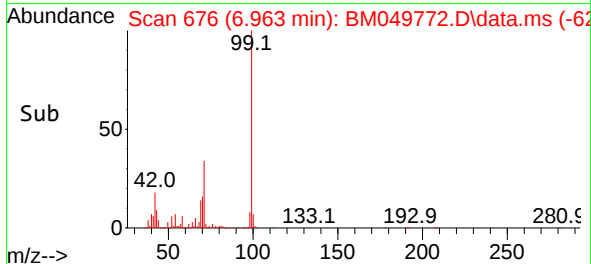
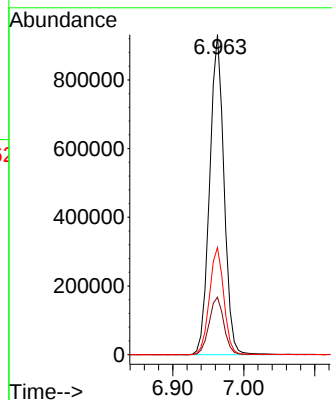
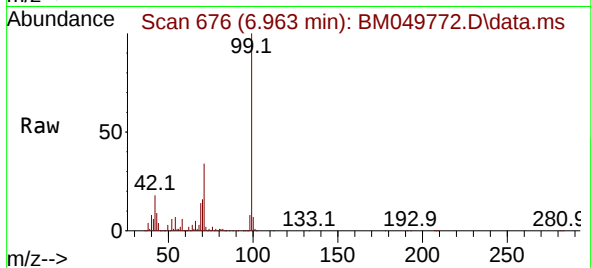




#7
Phenol-d6
Concen: 61.491 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

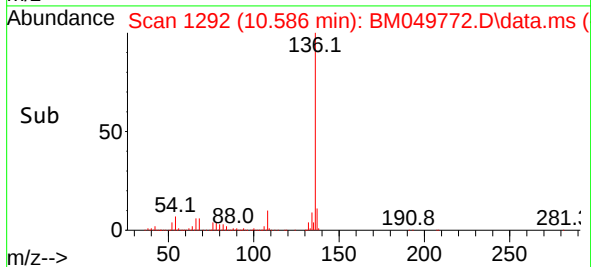
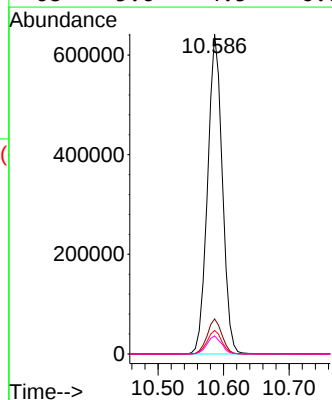
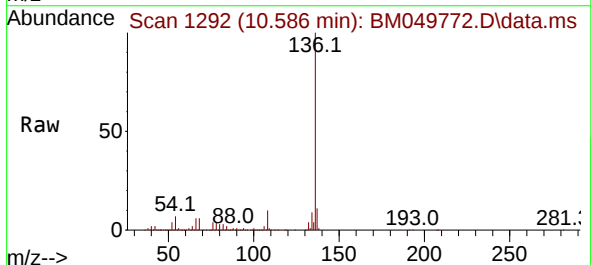
Instrument :
BNA_M
ClientSampleId :
2-CONCRETE-SLAB

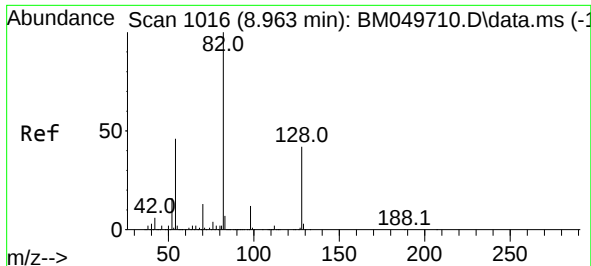
Tgt Ion: 99 Resp: 1311544
Ion Ratio Lower Upper
99 100
42 18.0 13.6 20.4
71 33.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

Tgt Ion: 136 Resp: 1004087
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.4 5.8 8.8
68 5.6 4.5 6.7

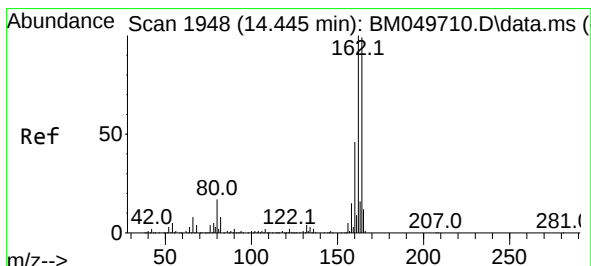
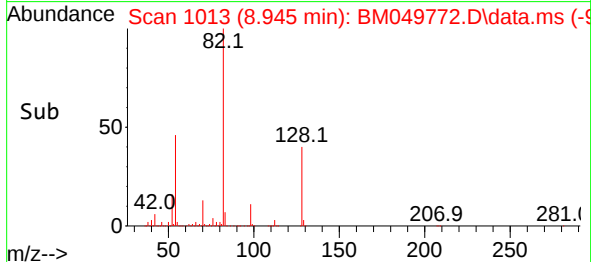
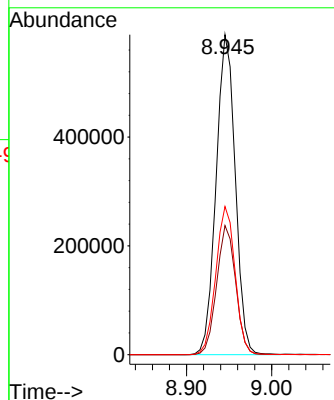
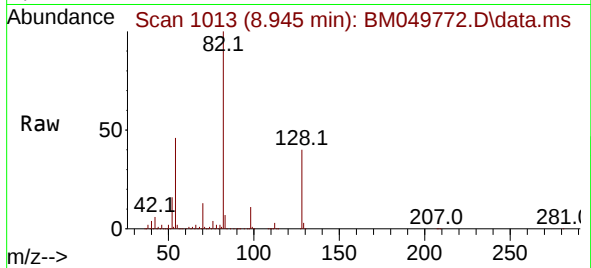




#23
Nitrobenzene-d5
Concen: 47.032 ng
RT: 8.945 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

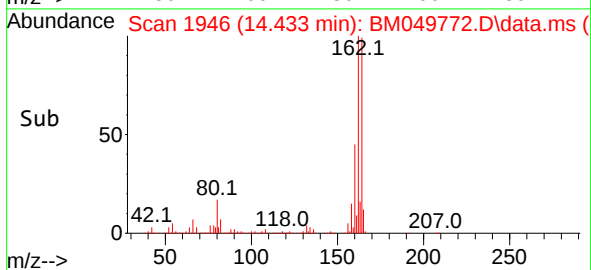
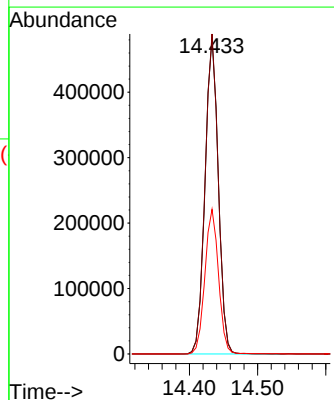
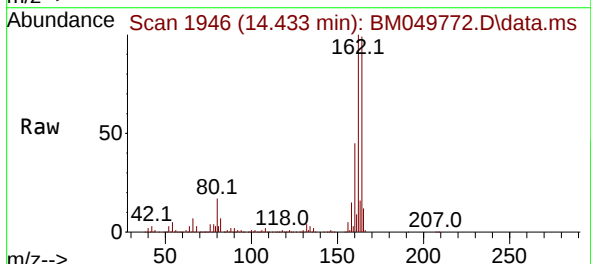
Instrument :
BNA_M
ClientSampleId :
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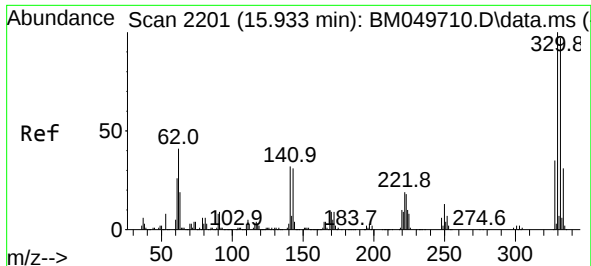
Tgt Ion: 82 Resp: 919798
Ion Ratio Lower Upper
82 100
128 40.4 33.4 50.0
54 46.3 36.4 54.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

Tgt Ion:164 Resp: 654816
Ion Ratio Lower Upper
164 100
162 101.5 80.5 120.7
160 45.9 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 29.524 ng

RT: 15.915 min Scan# 21

Delta R.T. -0.018 min

Lab File: BM049772.D

Acq: 01 Apr 2025 13:33

Instrument :

BNA_M

ClientSampleId :

2-CONCRETE-SLAB

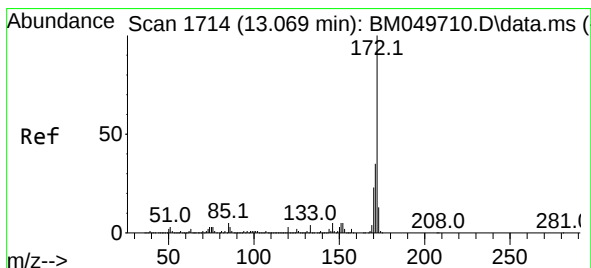
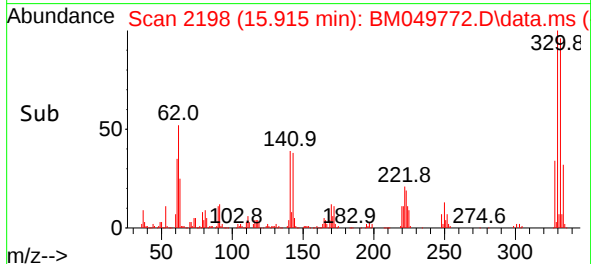
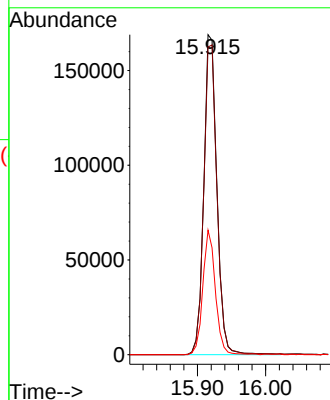
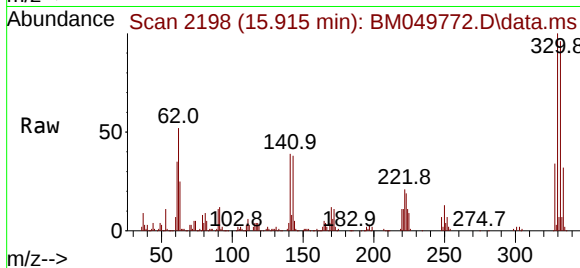
Tgt Ion:330 Resp: 225747

Ion Ratio Lower Upper

330 100

332 98.0 77.0 115.4

141 37.4 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 47.862 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BM049772.D

Acq: 01 Apr 2025 13:33

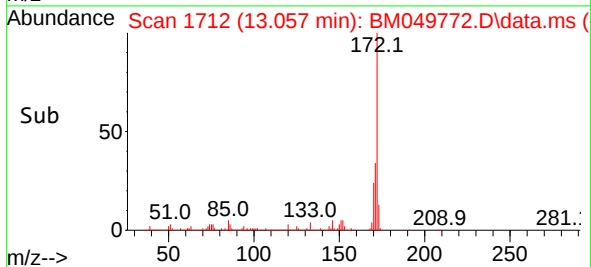
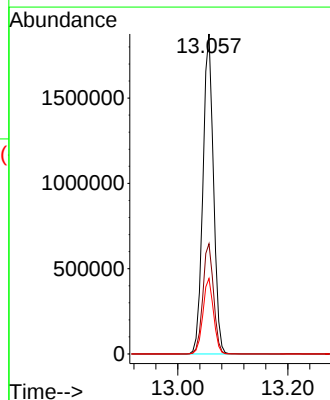
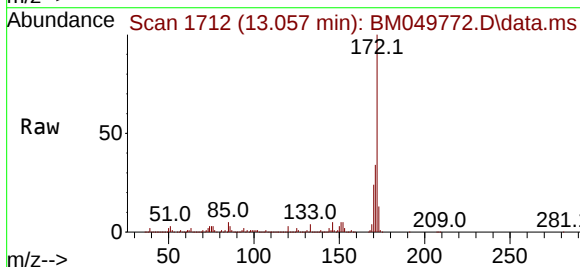
Tgt Ion:172 Resp: 2502520

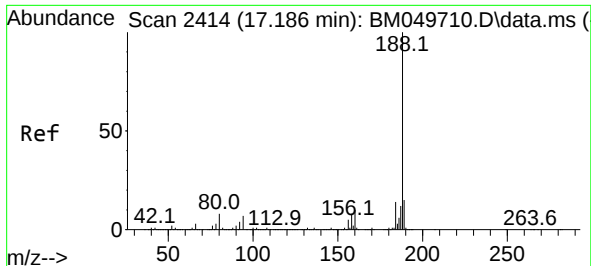
Ion Ratio Lower Upper

172 100

171 34.4 27.9 41.9

170 23.6 18.6 28.0

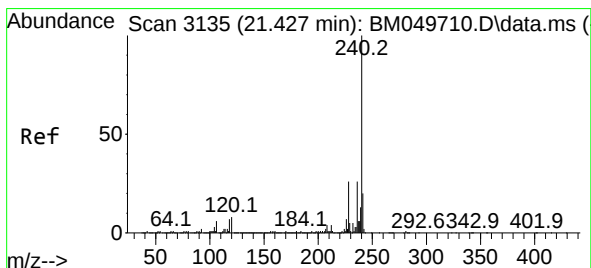
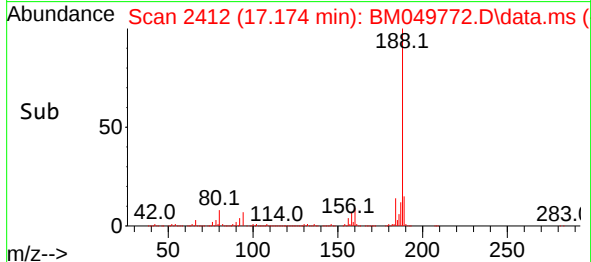
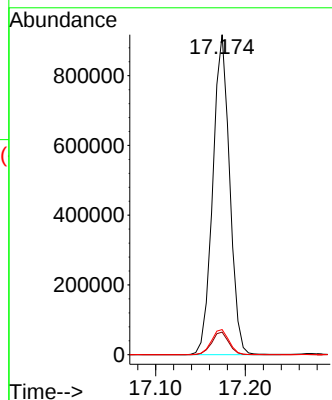
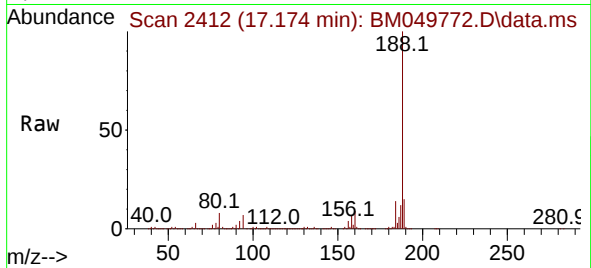




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

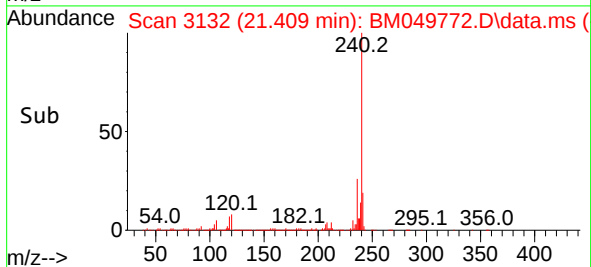
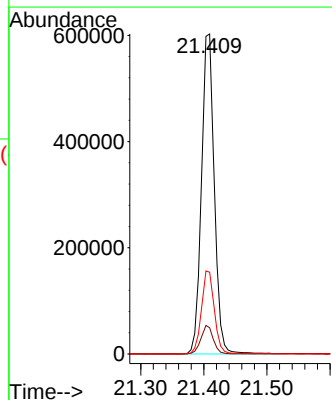
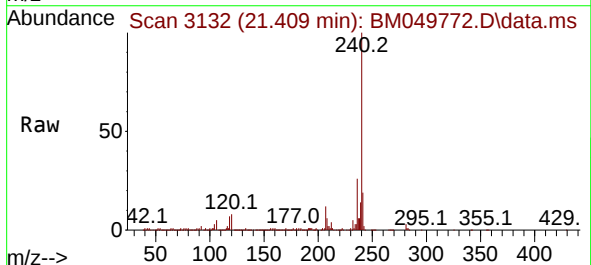
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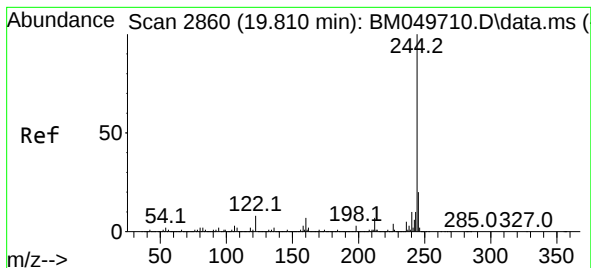
Tgt Ion:188 Resp: 1196551
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.8 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049772.D
Acq: 01 Apr 2025 13:33

Tgt Ion:240 Resp: 852082
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 61.324 ng

RT: 19.797 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049772.D

Acq: 01 Apr 2025 13:33

Instrument :

BNA_M

ClientSampleId :

2-CONCRETE-SLAB

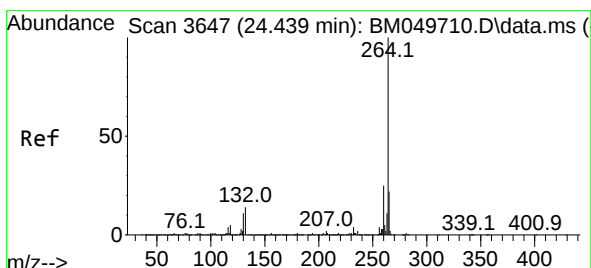
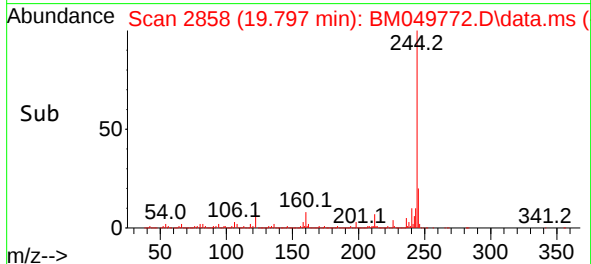
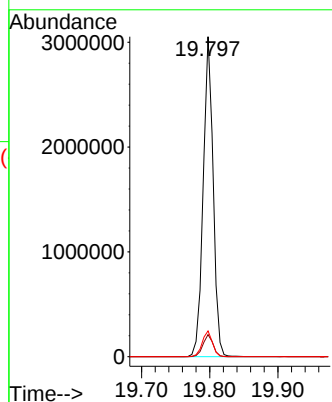
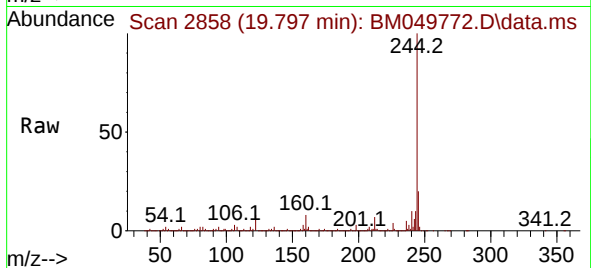
Tgt Ion:244 Resp: 3100847

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 8.1 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049772.D

Acq: 01 Apr 2025 13:33

Tgt Ion:264 Resp: 761405

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 23.2 18.2 27.2

