

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049773.D
 Acq On : 01 Apr 2025 14:12
 Operator : RC/JU
 Sample : Q1597-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3-CONCRETE-SLAB

Quant Time: Apr 01 14:50:18 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	320300	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1124465	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	759258	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1461733	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	1136479	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1029790	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	146397	7.712	ng	-0.01
7) Phenol-d6	6.963	99	908495	38.136	ng	-0.02
23) Nitrobenzene-d5	8.945	82	1029921	47.025	ng	-0.02
42) 2,4,6-Tribromophenol	15.915	330	7606	0.858	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	2908563	47.976	ng	-0.01
79) Terphenyl-d14	19.798	244	4154253	61.597	ng	-0.01

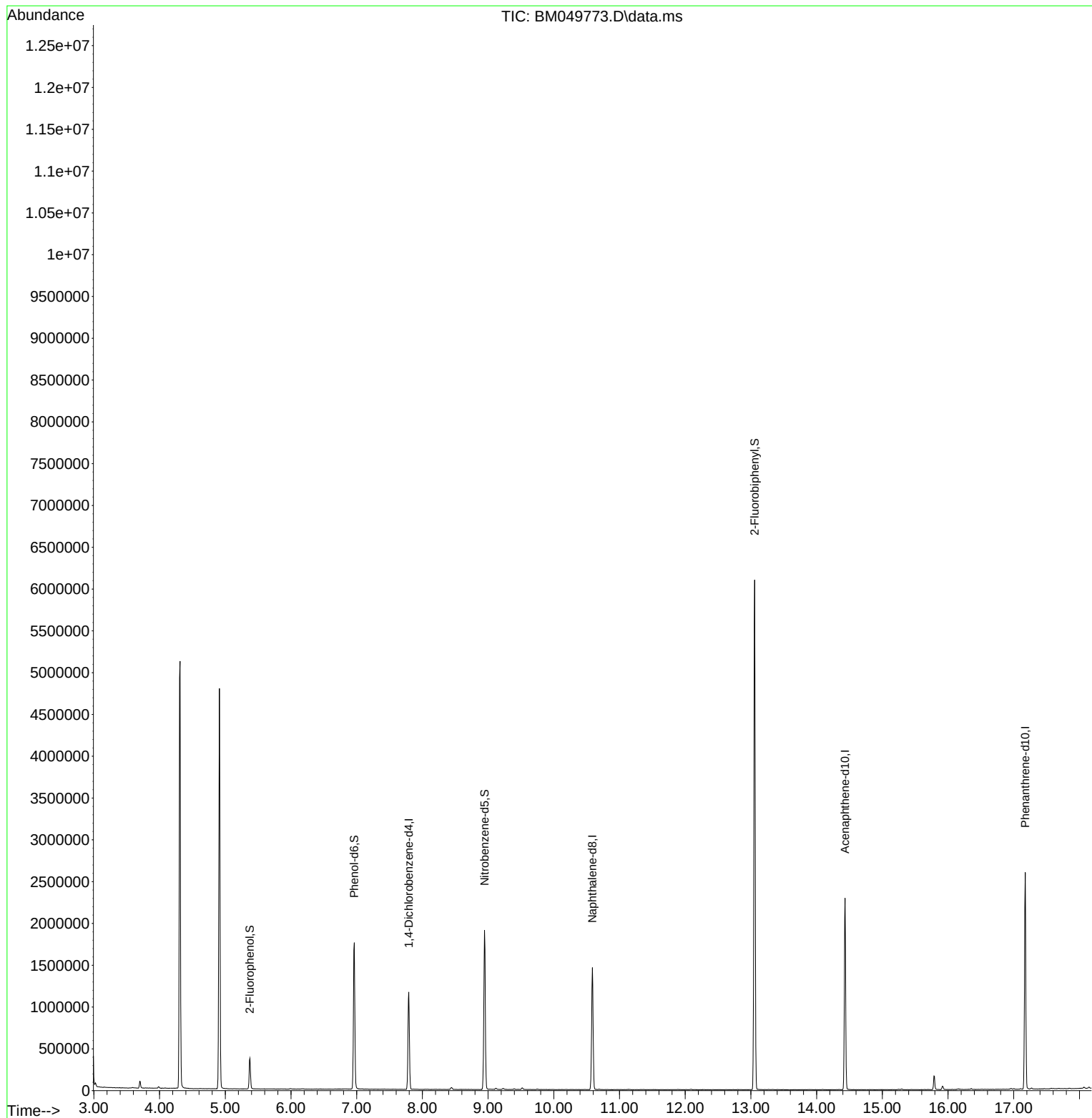
Target Compounds	Qvalue

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

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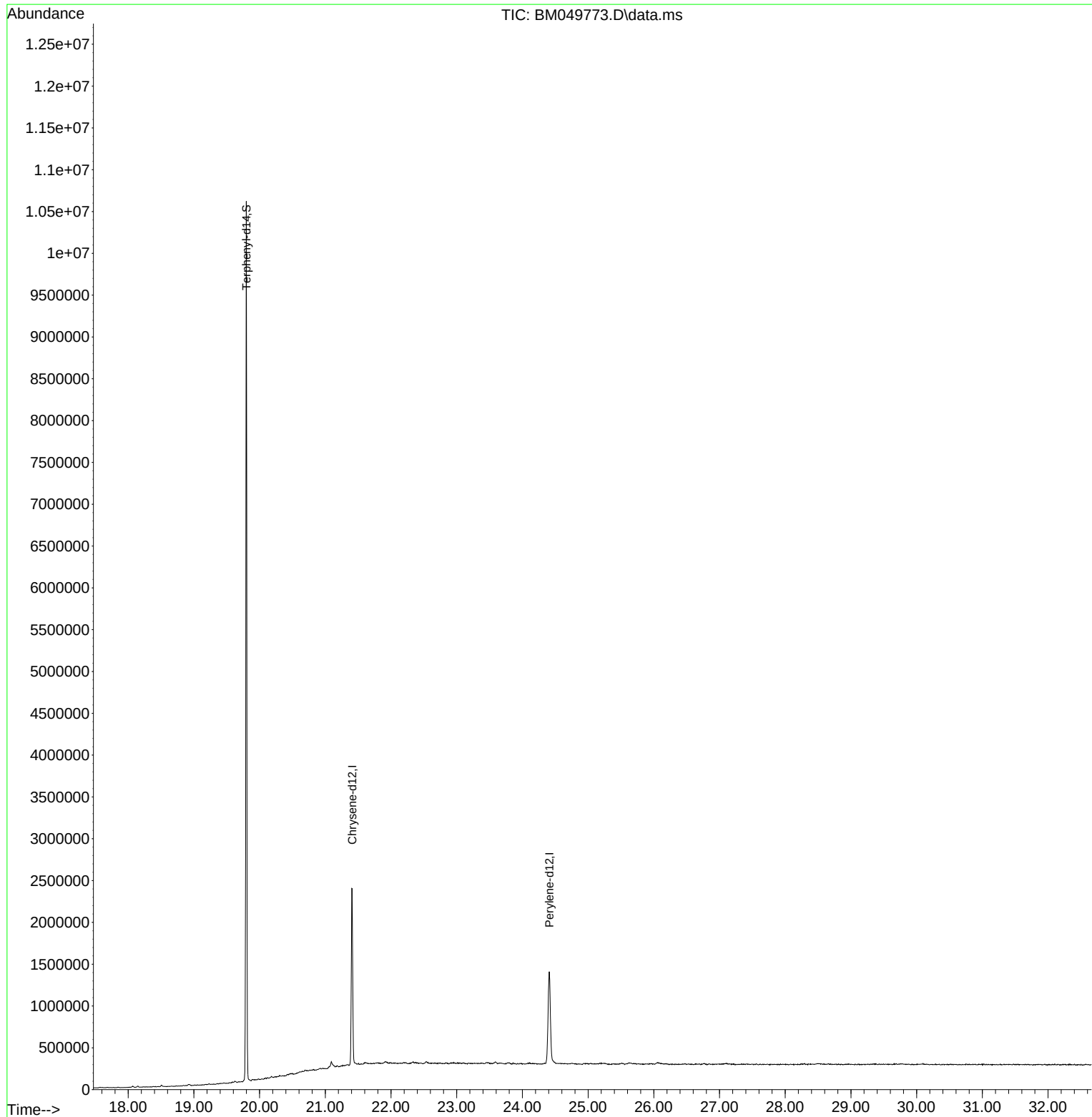
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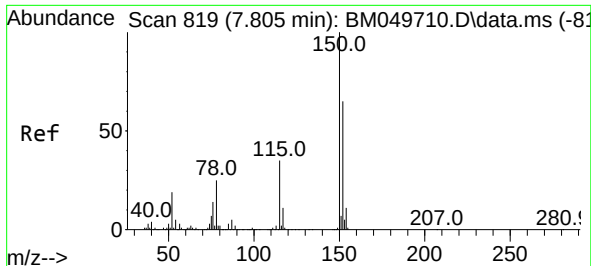


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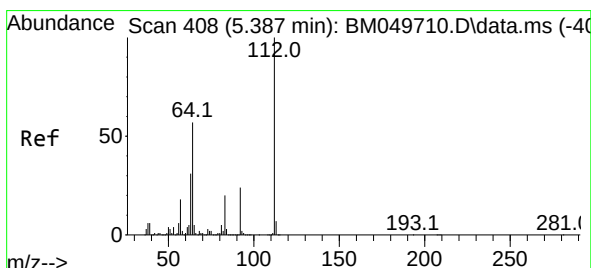
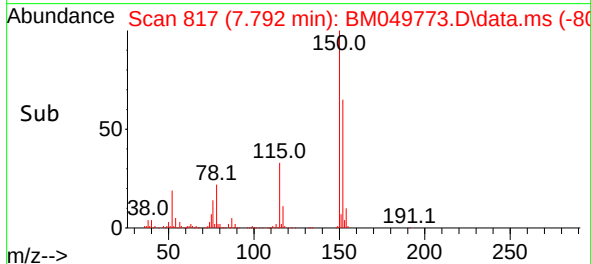
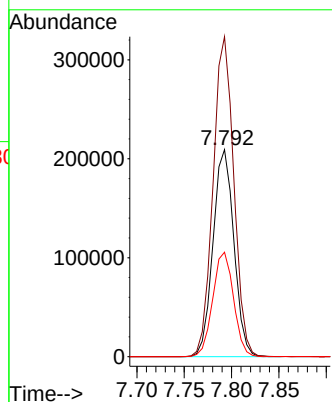
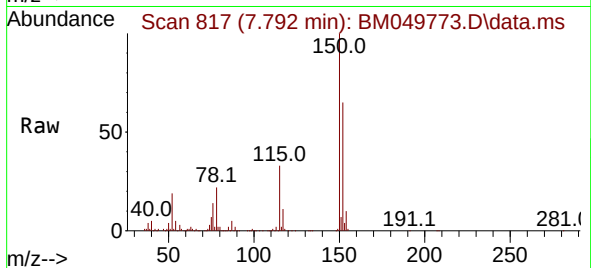




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049773.D
Acq: 01 Apr 2025 14:12

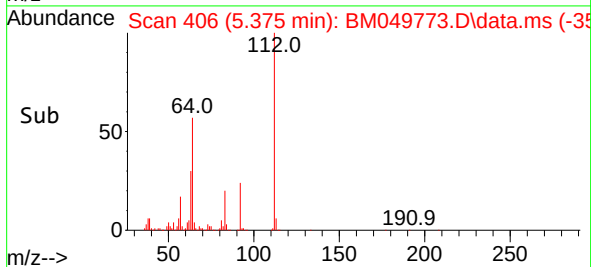
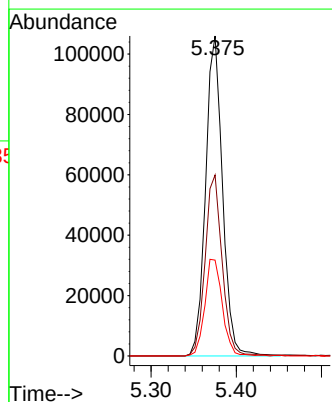
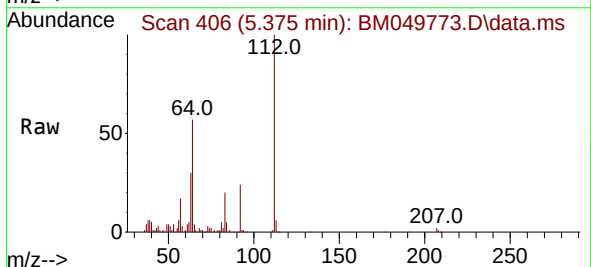
Instrument :
BNA_M
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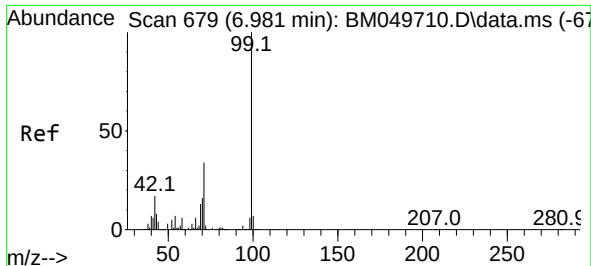
Tgt Ion:152 Resp: 320300
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.8
115 50.5 43.0 64.6



#5
2-Fluorophenol
Concen: 7.712 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.012 min
Lab File: BM049773.D
Acq: 01 Apr 2025 14:12

Tgt Ion:112 Resp: 146397
Ion Ratio Lower Upper
112 100
64 56.6 45.3 67.9
63 30.0 24.4 36.6

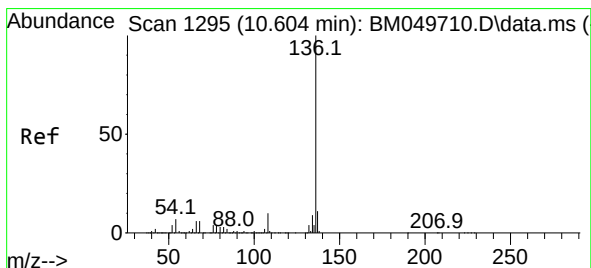
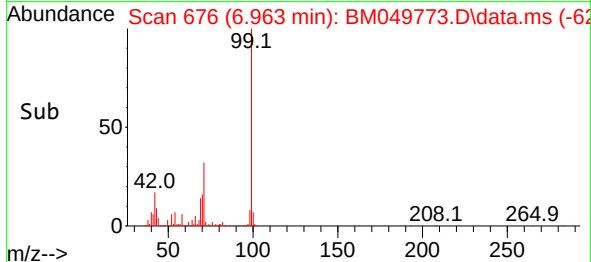
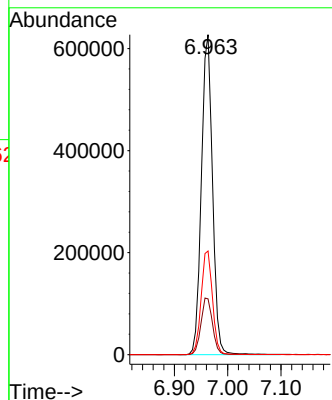
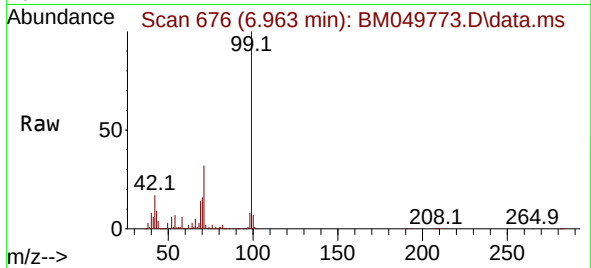




#7
Phenol-d6
Concen: 38.136 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM049773.D
Acq: 01 Apr 2025 14:12

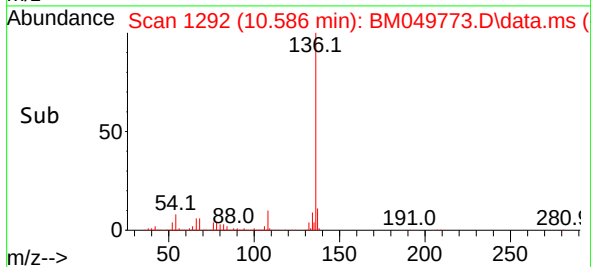
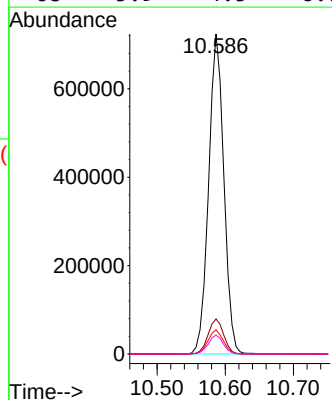
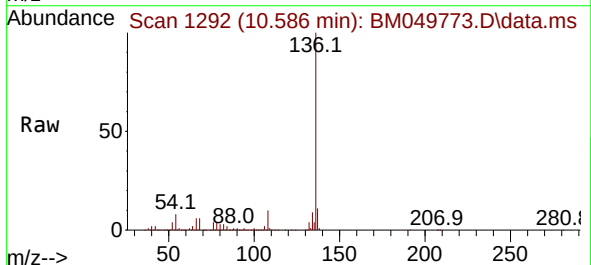
Instrument :
BNA_M
ClientSampleId :
3-CONCRETE-SLAB

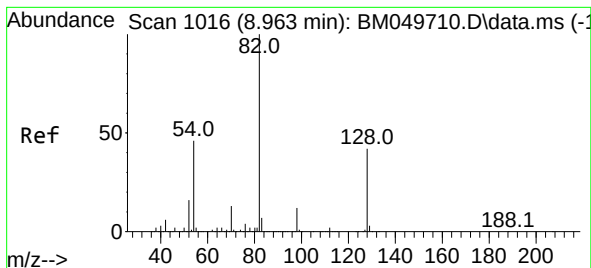
Tgt Ion: 99 Resp: 908495
Ion Ratio Lower Upper
99 100
42 17.4 13.6 20.4
71 32.4 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049773.D
Acq: 01 Apr 2025 14:12

Tgt Ion: 136 Resp: 1124465
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.5 5.8 8.8
68 5.9 4.5 6.7





#23

Nitrobenzene-d5

Concen: 47.025 ng

RT: 8.945 min Scan# 1013

Delta R.T. -0.018 min

Lab File: BM049773.D

Acq: 01 Apr 2025 14:12

Instrument :

BNA_M

ClientSampleId :

3-CONCRETE-SLAB

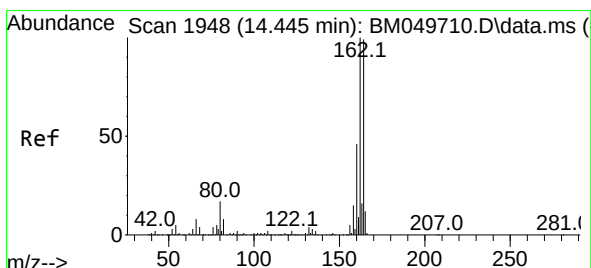
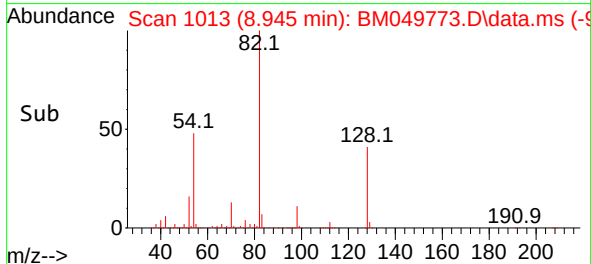
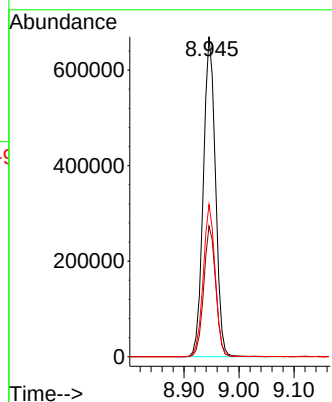
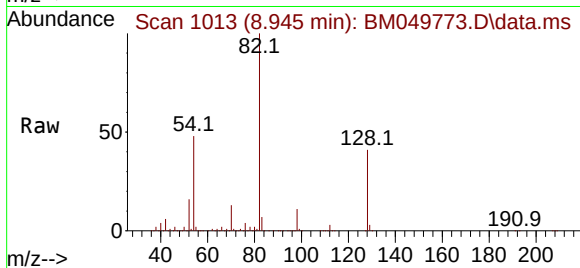
Tgt Ion: 82 Resp: 1029921

Ion Ratio Lower Upper

82 100

128 40.8 33.4 50.0

54 47.6 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: BM049773.D

Acq: 01 Apr 2025 14:12

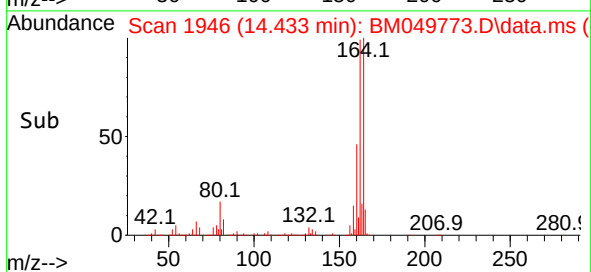
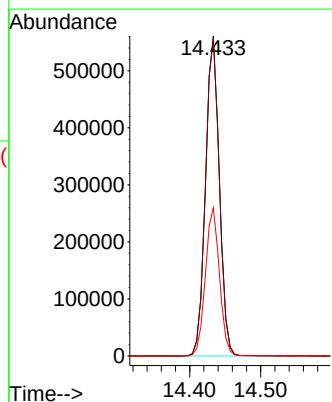
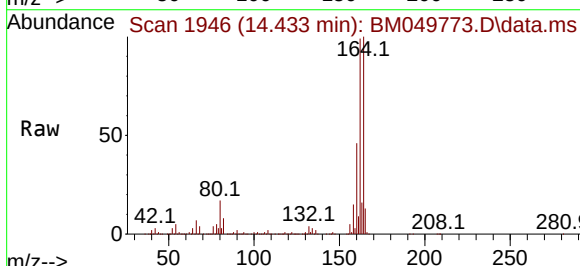
Tgt Ion: 164 Resp: 759258

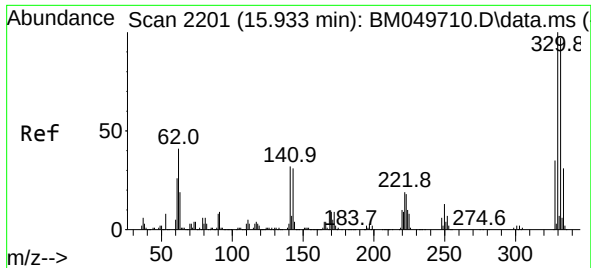
Ion Ratio Lower Upper

164 100

162 99.0 80.5 120.7

160 46.3 36.9 55.3

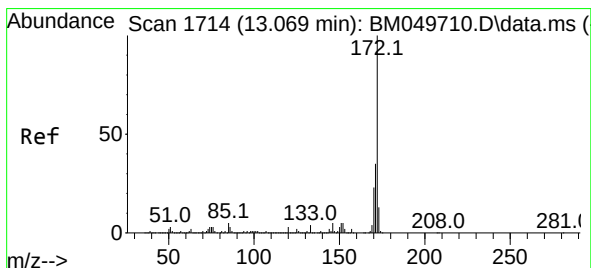
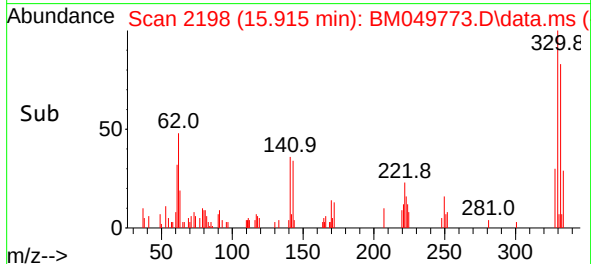
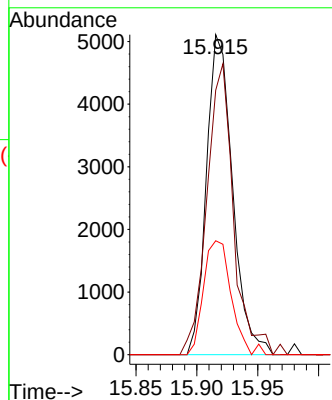
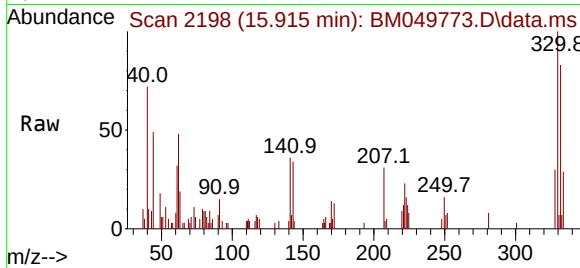




#42
 2,4,6-Tribromophenol
 Concen: 0.858 ng
 RT: 15.915 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BM049773.D
 Acq: 01 Apr 2025 14:12

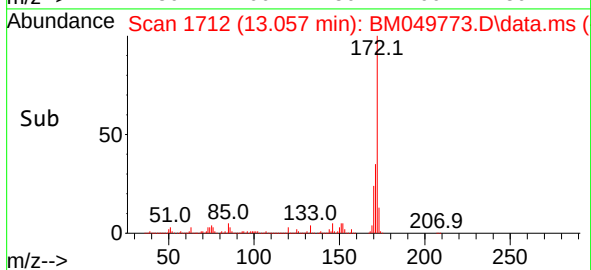
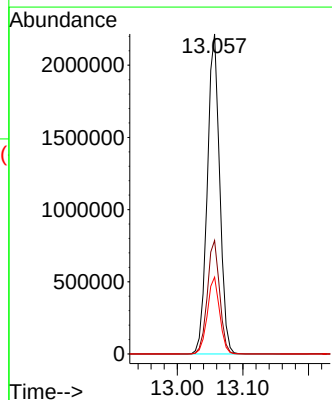
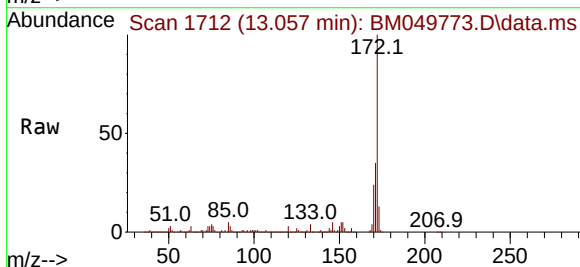
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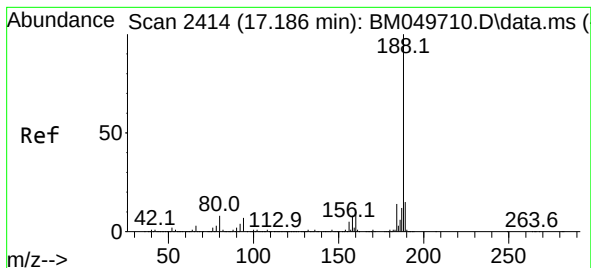
Tgt Ion:330 Resp: 7606
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.4
 141 37.8 27.8 41.6



#45
 2-Fluorobiphenyl
 Concen: 47.976 ng
 RT: 13.057 min Scan# 1712
 Delta R.T. -0.012 min
 Lab File: BM049773.D
 Acq: 01 Apr 2025 14:12

Tgt Ion:172 Resp: 2908563
 Ion Ratio Lower Upper
 172 100
 171 35.5 27.9 41.9
 170 24.0 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: BM049773.D

Acq: 01 Apr 2025 14:12

Instrument :

BNA_M

ClientSampleId :

3-CONCRETE-SLAB

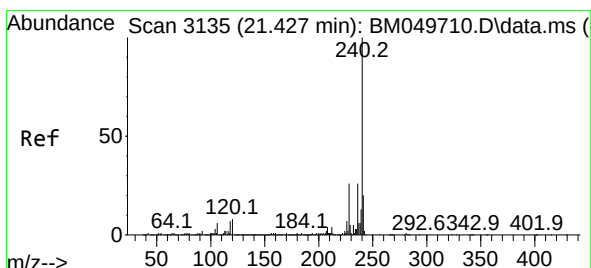
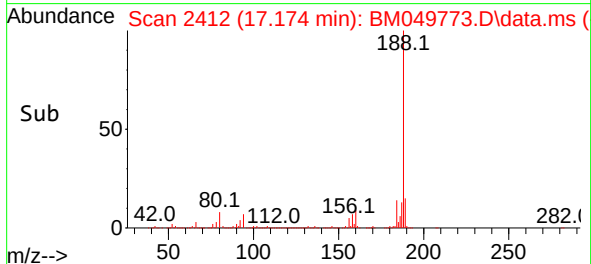
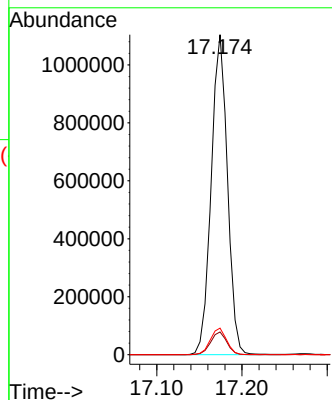
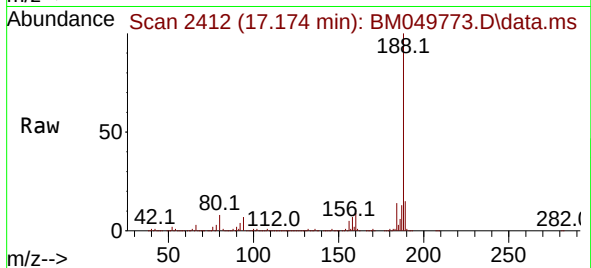
Tgt Ion:188 Resp: 1461733

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 8.3 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: BM049773.D

Acq: 01 Apr 2025 14:12

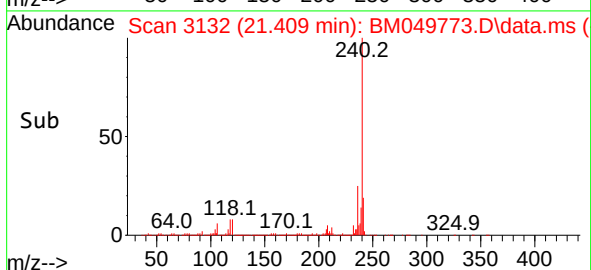
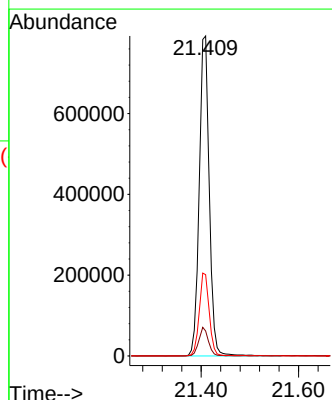
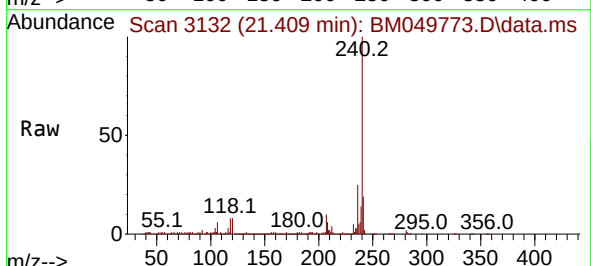
Tgt Ion:240 Resp: 1136479

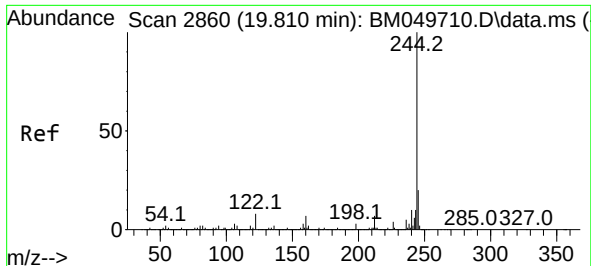
Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 25.4 20.7 31.1

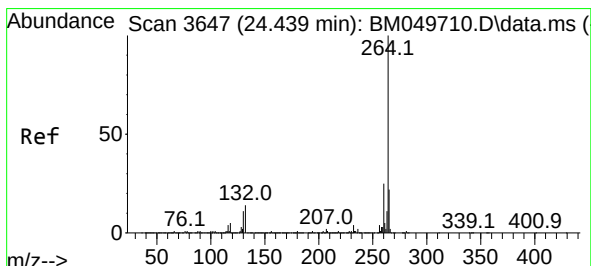
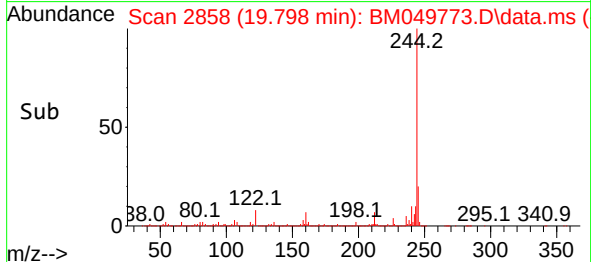
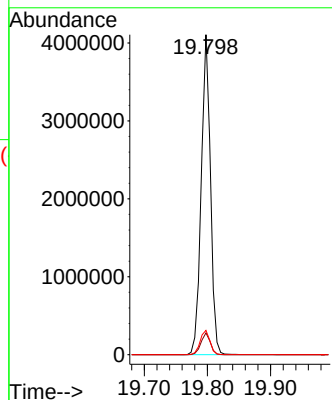
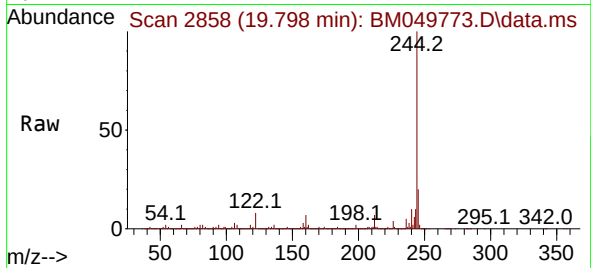




#79
 Terphenyl-d14
 Concen: 61.597 ng
 RT: 19.798 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049773.D
 Acq: 01 Apr 2025 14:12

Instrument :
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Tgt Ion:244 Resp: 4154253
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 7.6 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: BM049773.D
 Acq: 01 Apr 2025 14:12

Tgt Ion:264 Resp: 1029790
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 22.2 18.2 27.2

