

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050825\
 Data File : BM050148.D
 Acq On : 08 May 2025 16:00
 Operator : RC/JU
 Sample : Q1966-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-2

Quant Time: May 08 16:49:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 08 12:03:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	260857	20.000	ng	-0.03
21) Naphthalene-d8	10.533	136	944354	20.000	ng	-0.03
39) Acenaphthene-d10	14.392	164	638356	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	1316237	20.000	ng	-0.02
76) Chrysene-d12	21.386	240	1287276	20.000	ng	-0.01
86) Perylene-d12	24.380	264	1295880	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1442259	96.816	ng	-0.02
7) Phenol-d6	6.934	99	1832110	97.850	ng	-0.02
23) Nitrobenzene-d5	8.904	82	1094711	57.122	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	959595	101.663	ng	-0.01
45) 2-Fluorobiphenyl	13.004	172	2954151	54.746	ng	-0.03
79) Terphenyl-d14	19.768	244	5250276	60.353	ng	-0.01

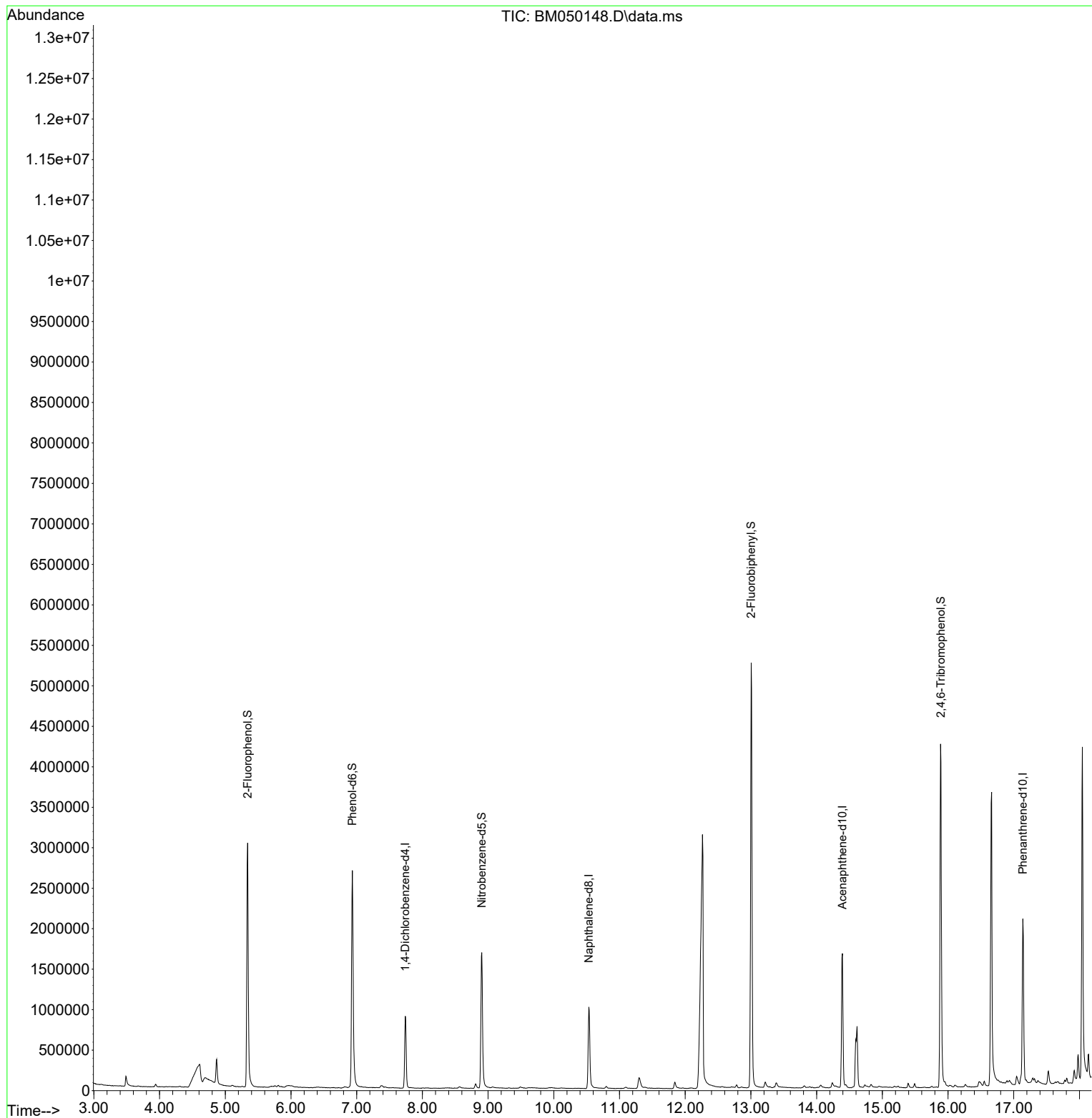
Target Compounds	Qvalue

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

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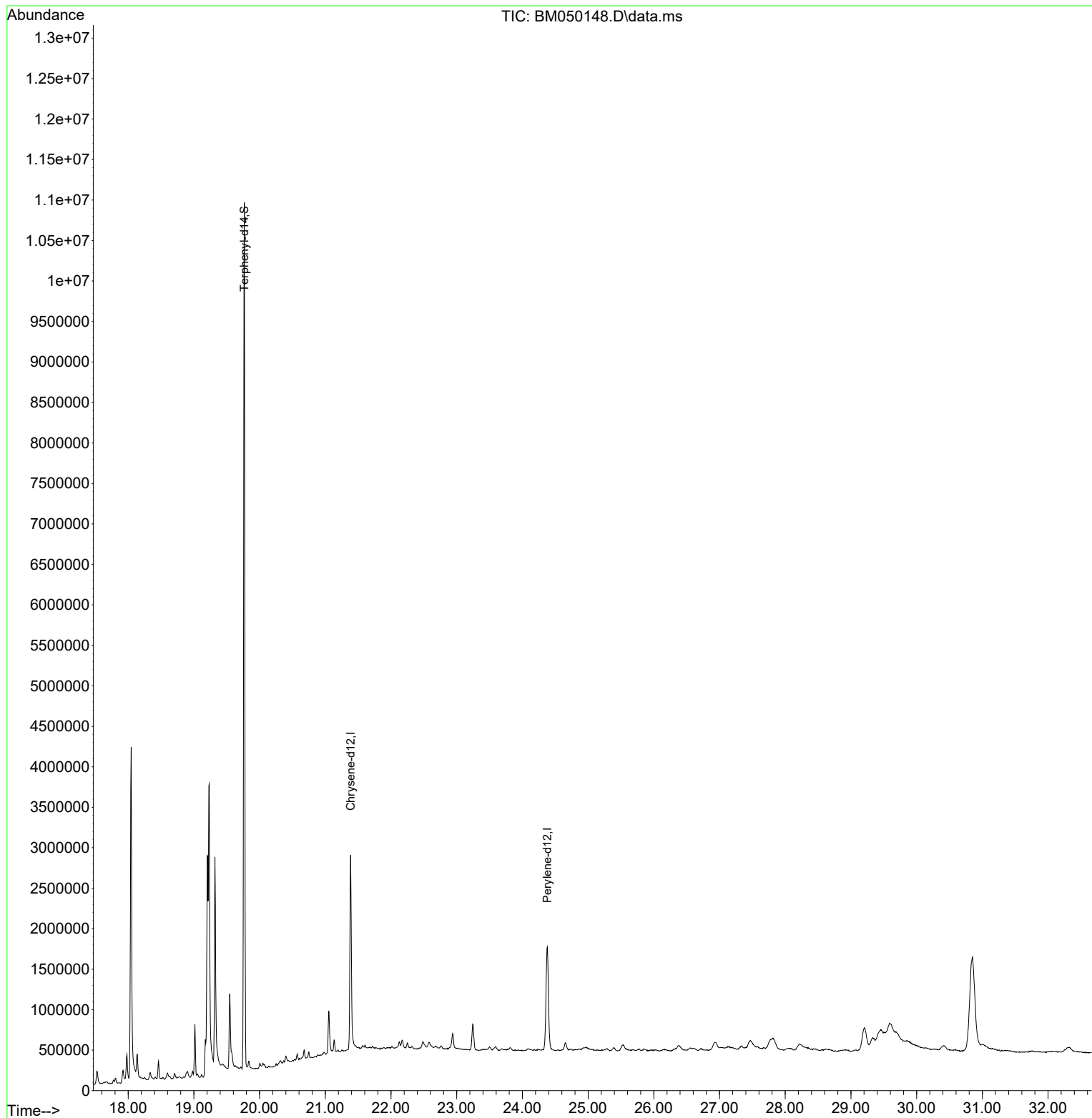
Quant Time: May 08 16:49:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
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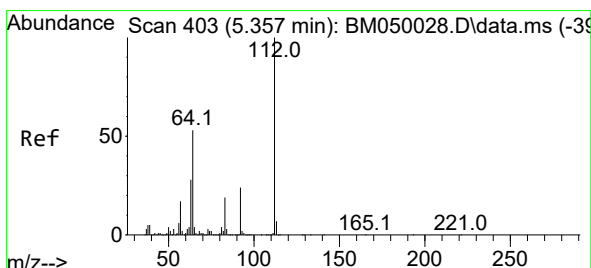
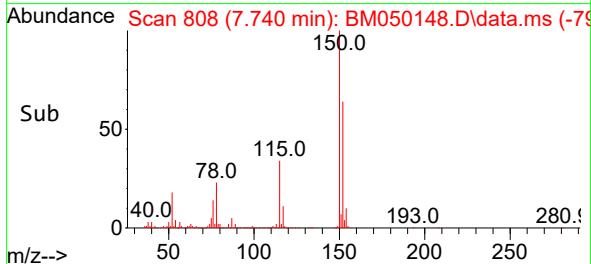
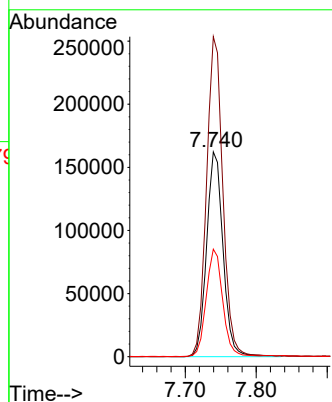
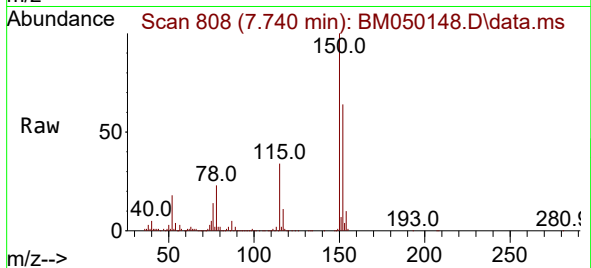




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.029 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

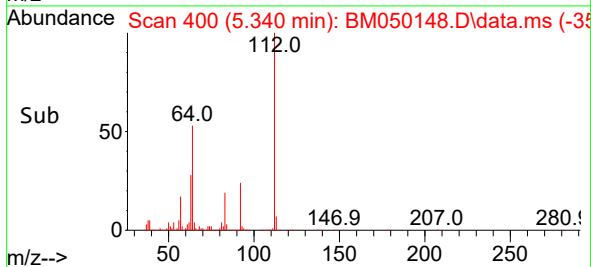
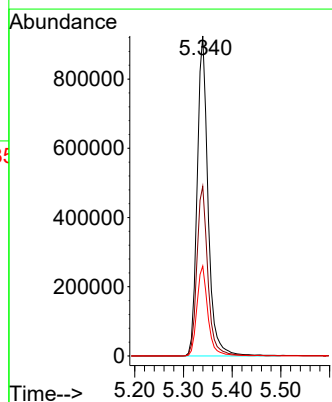
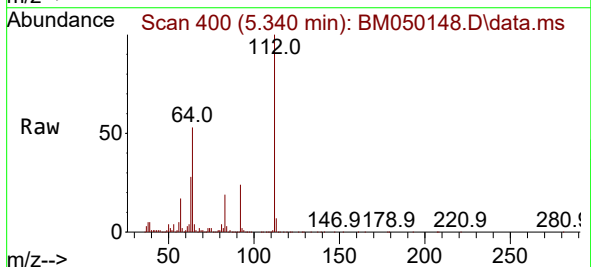
Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

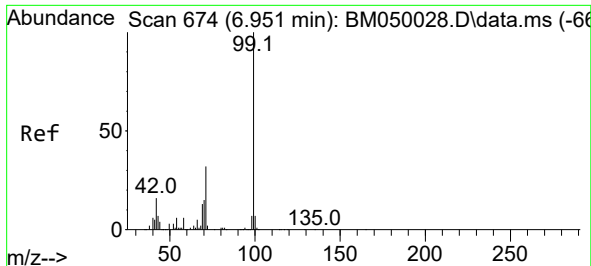
Tgt Ion:152 Resp: 260857
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 52.5 41.2 61.8



#5
2-Fluorophenol
Concen: 96.816 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

Tgt Ion:112 Resp: 1442259
Ion Ratio Lower Upper
112 100
64 53.0 42.6 64.0
63 28.1 22.2 33.4

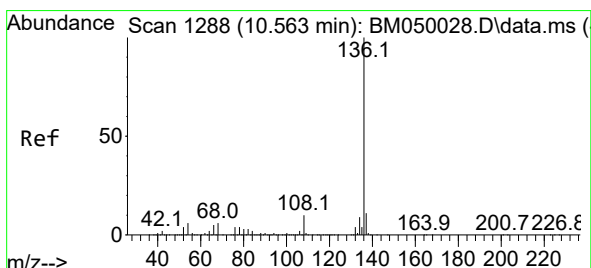
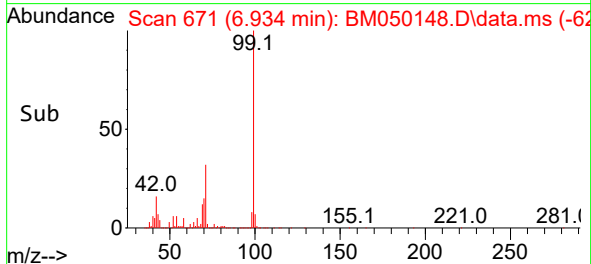
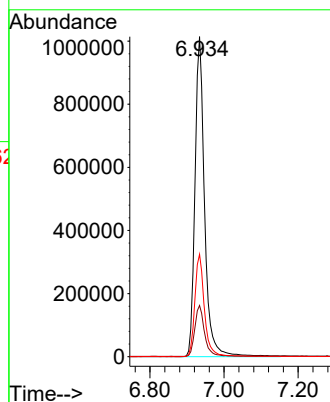
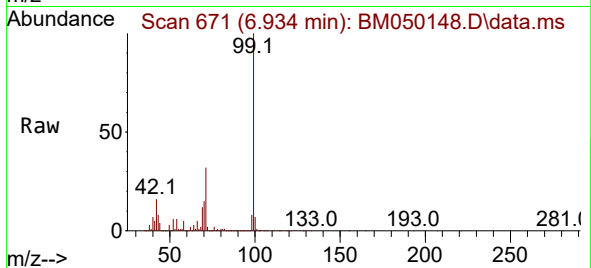




#7
Phenol-d6
Concen: 97.850 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.018 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

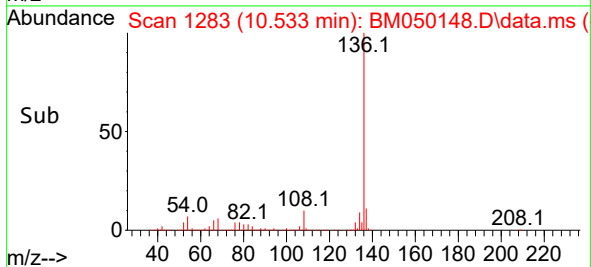
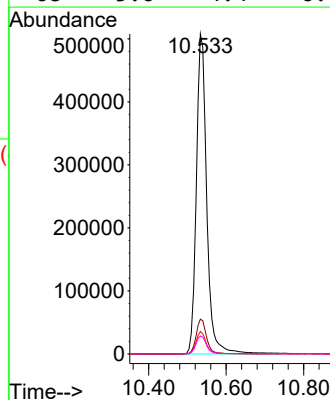
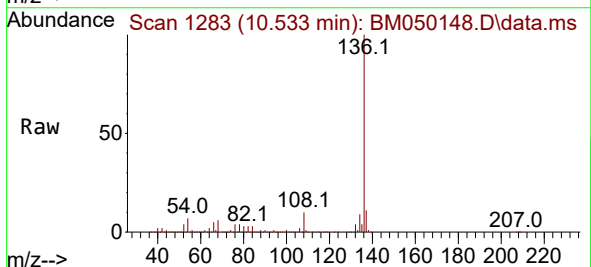
Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

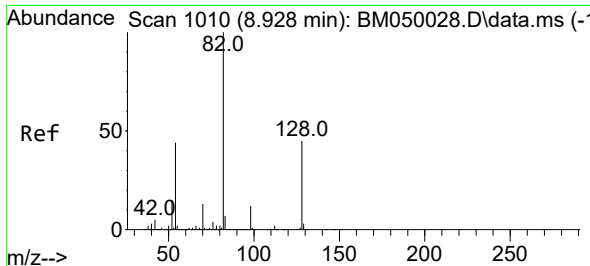
Tgt Ion: 99 Resp: 1832110
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.4
71 32.0 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.533 min Scan# 1283
Delta R.T. -0.029 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

Tgt Ion: 136 Resp: 944354
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 5.1 7.7
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 57.122 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.024 min

Lab File: BM050148.D

Acq: 08 May 2025 16:00

Instrument :

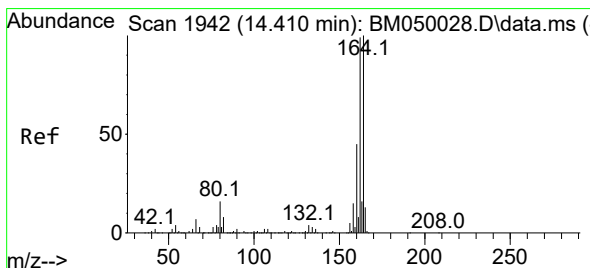
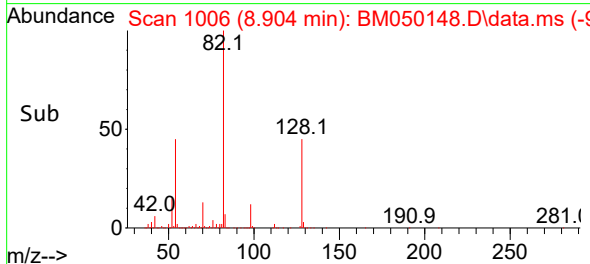
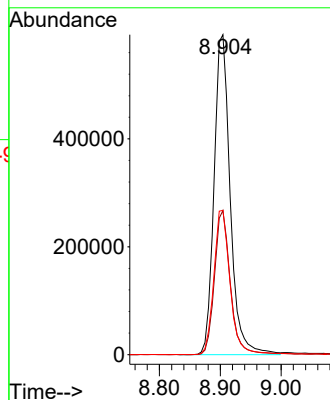
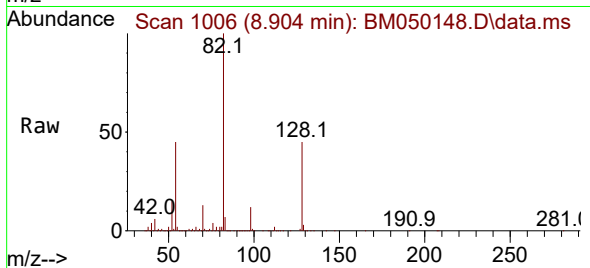
BNA_M

ClientSampleId :

CONCRETE-2

Tgt Ion: 82 Resp: 1094711

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.7	53.5
54	45.1	35.4	53.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

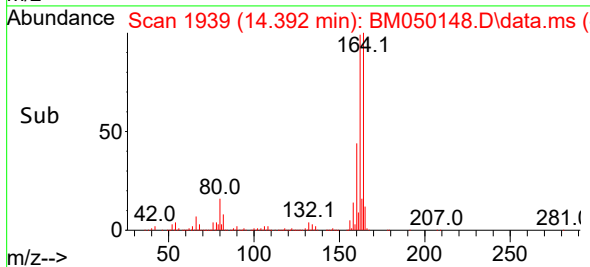
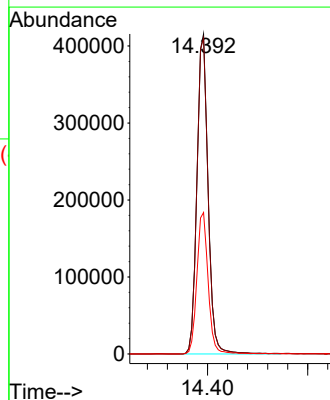
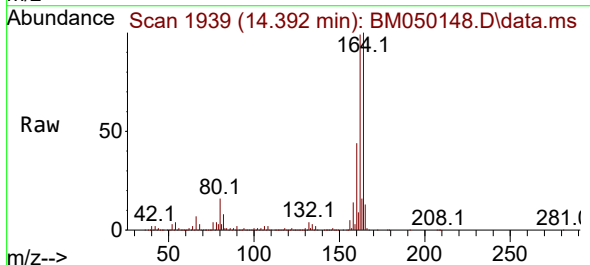
Delta R.T. -0.018 min

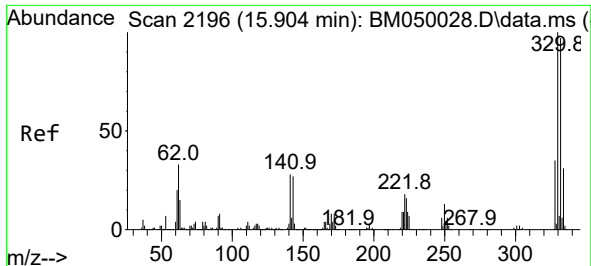
Lab File: BM050148.D

Acq: 08 May 2025 16:00

Tgt Ion: 164 Resp: 638356

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.4	119.0
160	44.2	36.2	54.4

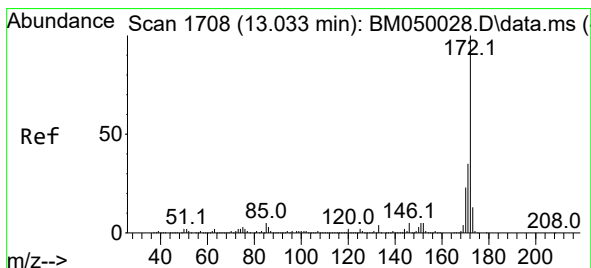
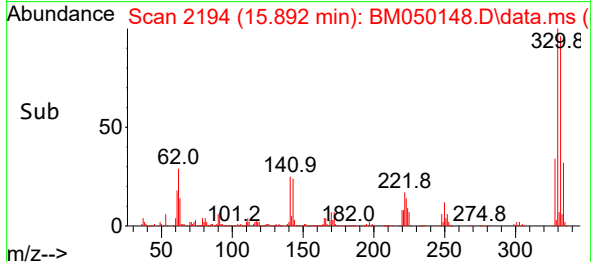
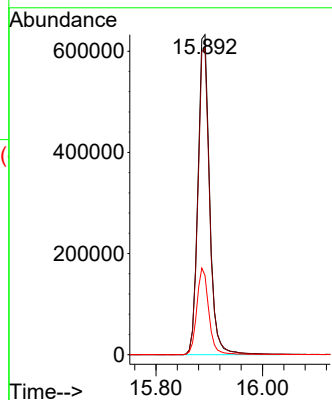
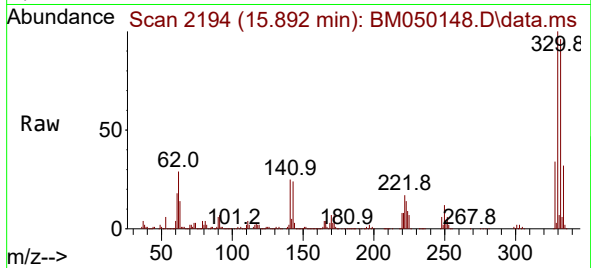




#42
2,4,6-Tribromophenol
Concen: 101.663 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

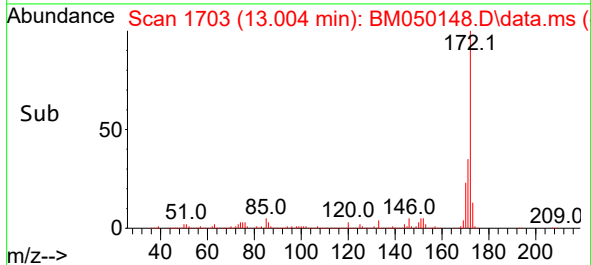
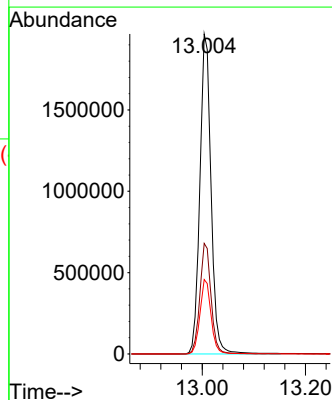
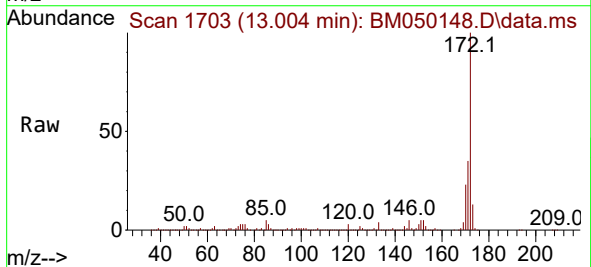
Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

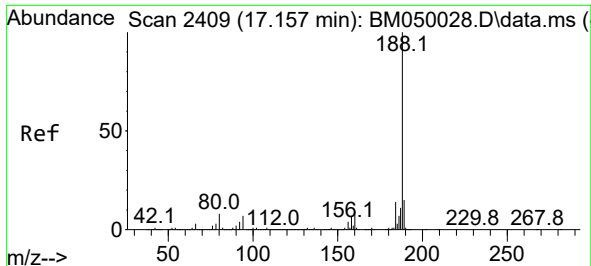
Tgt Ion:330 Resp: 959595
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 27.9 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 54.746 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.029 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

Tgt Ion:172 Resp: 2954151
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.6 28.0

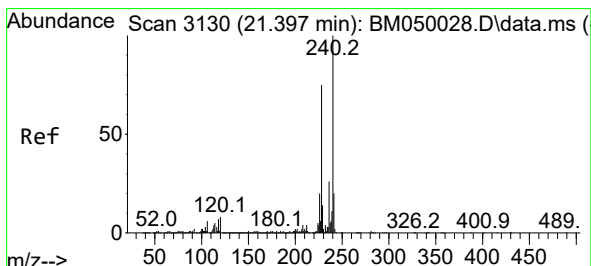
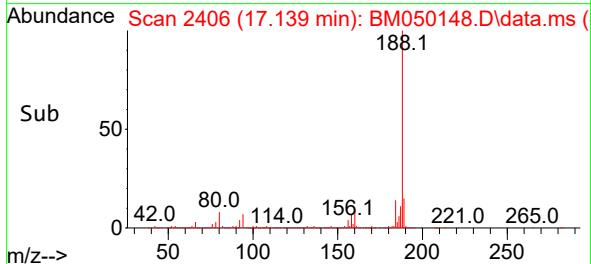
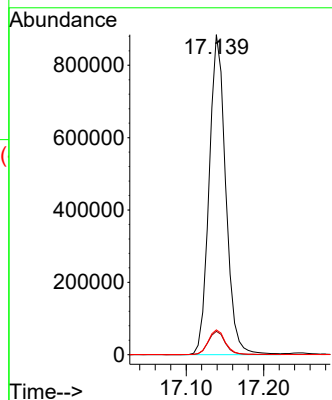
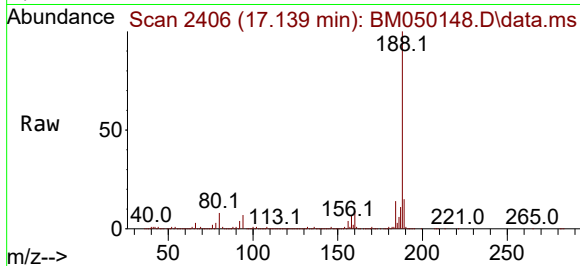




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

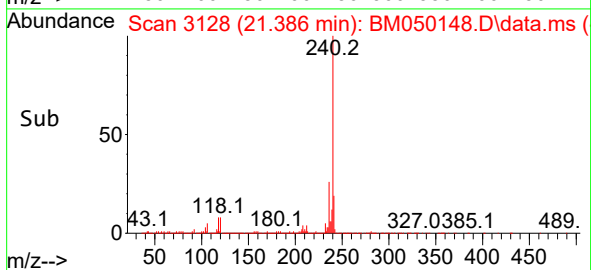
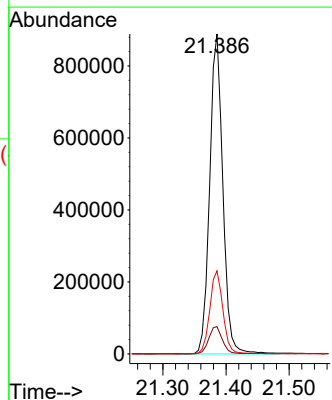
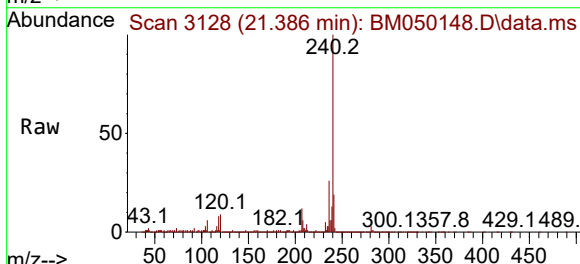
Instrument :
BNA_M
ClientSampleId :
CONCRETE-2

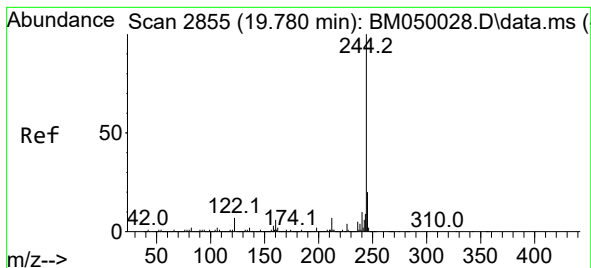
Tgt Ion:188 Resp: 1316237
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.7 6.2 9.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BM050148.D
Acq: 08 May 2025 16:00

Tgt Ion:240 Resp: 1287276
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 60.353 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050148.D

Acq: 08 May 2025 16:00

Instrument :

BNA_M

ClientSampleId :

CONCRETE-2

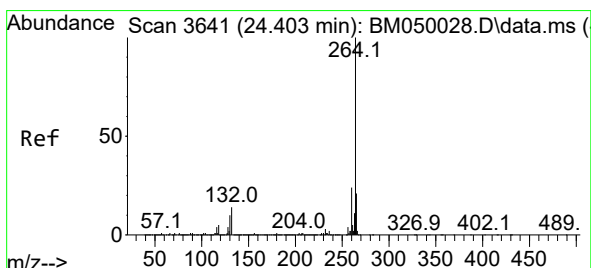
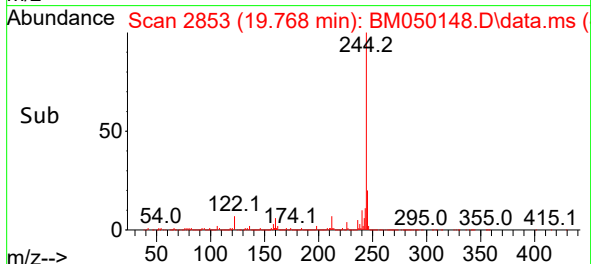
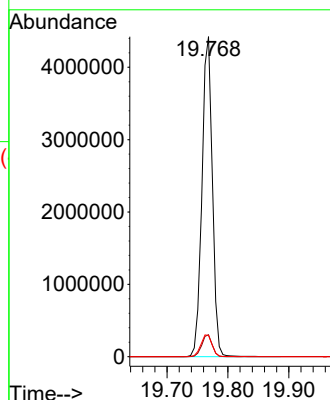
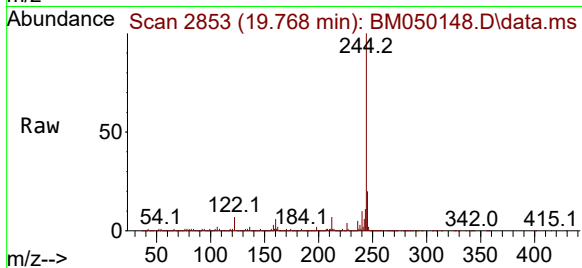
Tgt Ion:244 Resp: 5250276

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.380 min Scan# 3637

Delta R.T. -0.024 min

Lab File: BM050148.D

Acq: 08 May 2025 16:00

Tgt Ion:264 Resp: 1295880

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.6 17.0 25.4

