

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
 Data File : BM050444.D
 Acq On : 15 Jul 2025 02:52
 Operator : RC/JU
 Sample : Q2559-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 500-3B CONCRETE CHIP

Quant Time: Jul 15 04:35:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 08 18:32:25 2025
 Response via : Initial Calibration

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

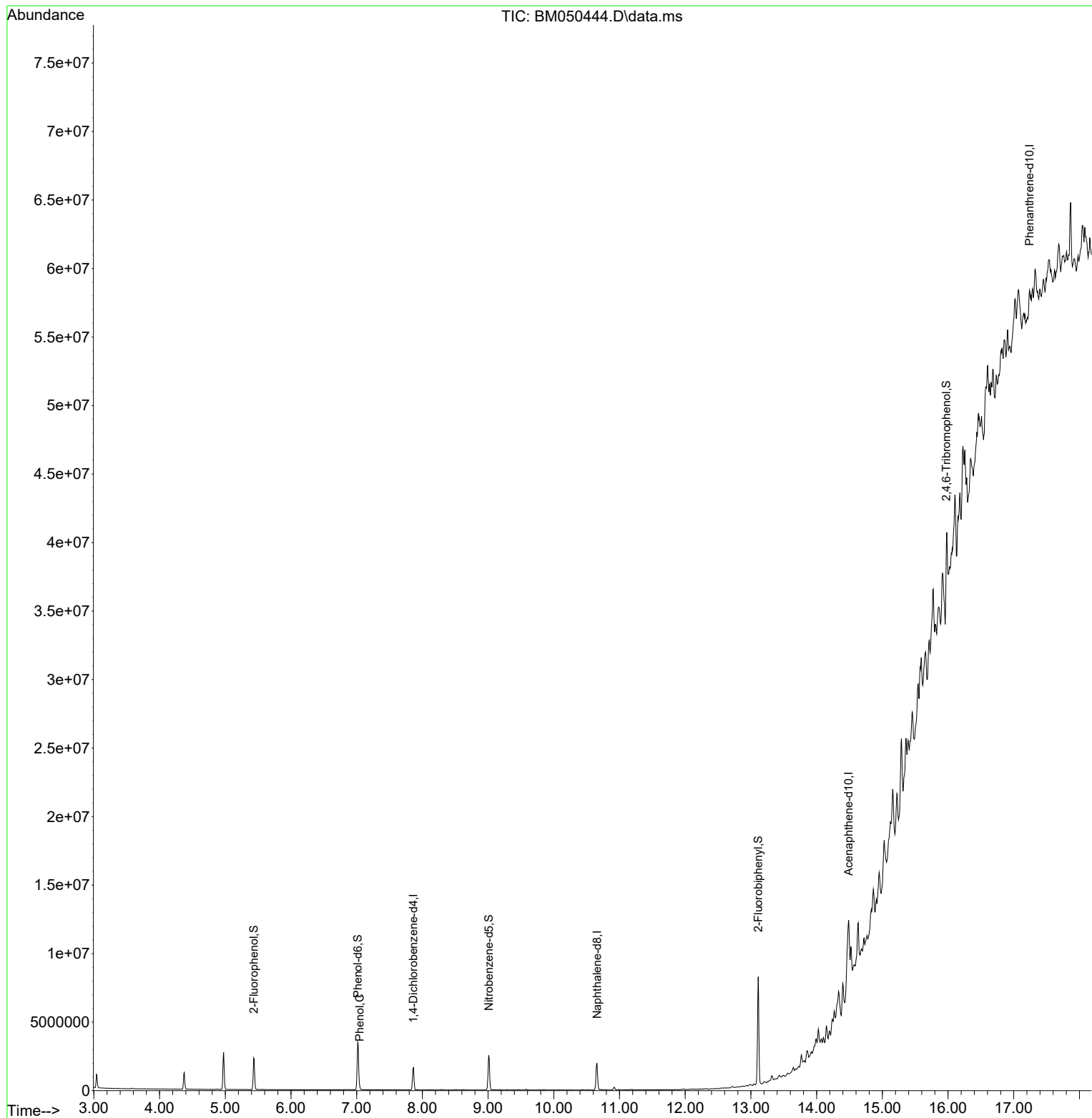
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	460190	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1693020	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	1211938	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2379030	20.000	ng	# 0.01
76) Chrysene-d12	21.450	240	2508514	20.000	ng	0.00
86) Perylene-d12	24.468	264	2528180	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	990475	37.048	ng	0.00
7) Phenol-d6	7.016	99	1933791	57.379	ng	0.00
23) Nitrobenzene-d5	9.010	82	1403364	42.289	ng	-0.01
42) 2,4,6-Tribromophenol	15.974	330	510988	34.702	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	4016678	40.929	ng	-0.01
79) Terphenyl-d14	19.850	244	6445216	45.206	ng	0.00
Target Compounds						
10) Phenol	7.045	94	93939	2.672	ng	Qvalue 95

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

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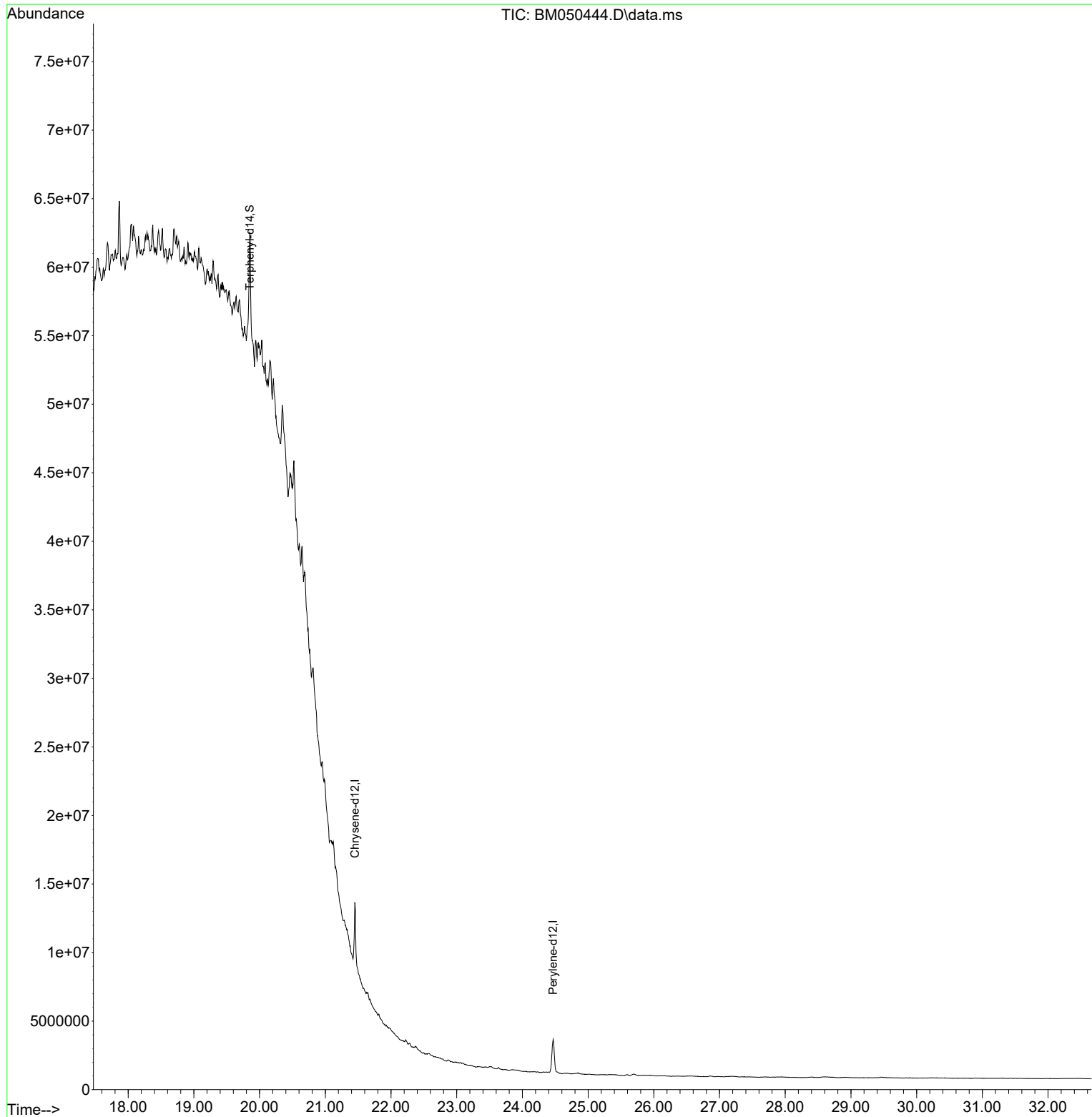
Quant Time: Jul 15 04:35:02 2025
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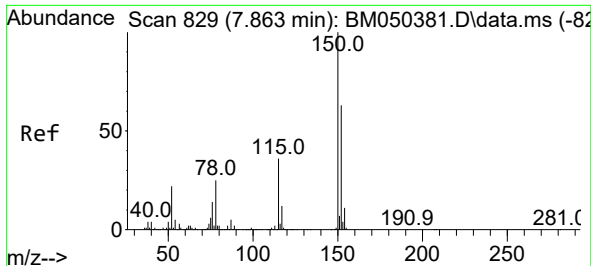


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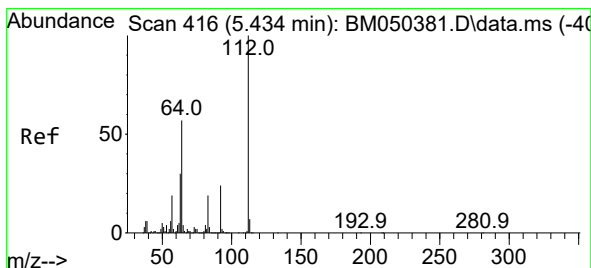
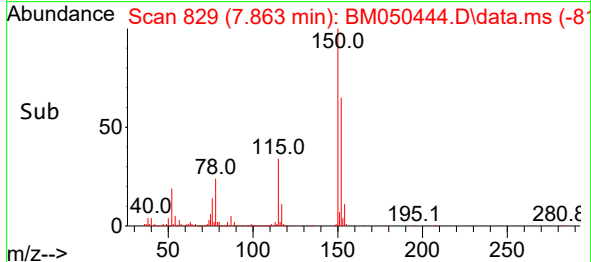
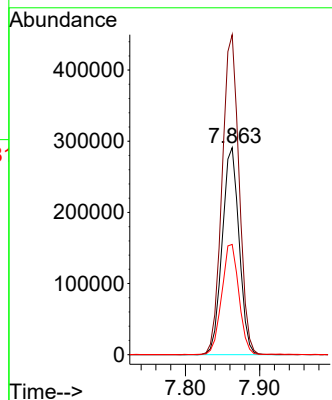
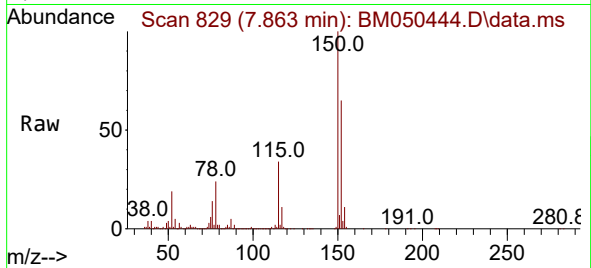




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. -0.000 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

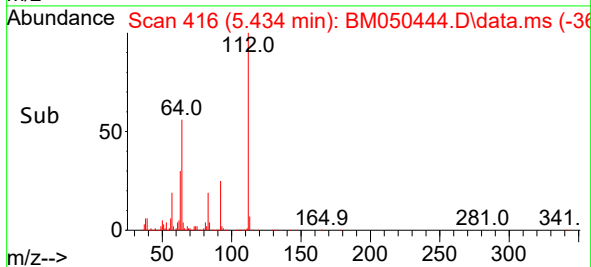
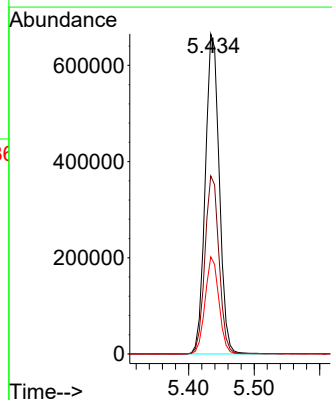
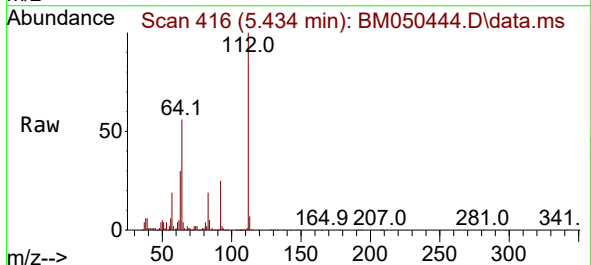
Instrument :
BNA_M
ClientSampleId :
500-3B CONCRETE CHIP

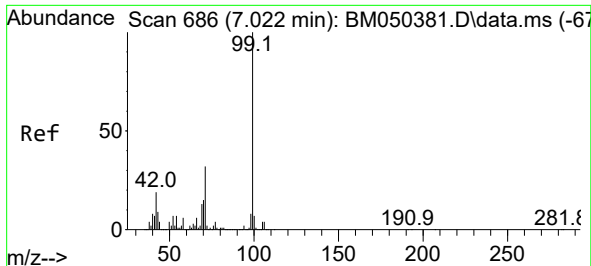
Tgt Ion:152 Resp: 460190
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.4
115 53.3 45.8 68.8



#5
2-Fluorophenol
Concen: 37.048 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

Tgt Ion:112 Resp: 990475
Ion Ratio Lower Upper
112 100
64 55.6 45.5 68.3
63 30.4 24.2 36.4

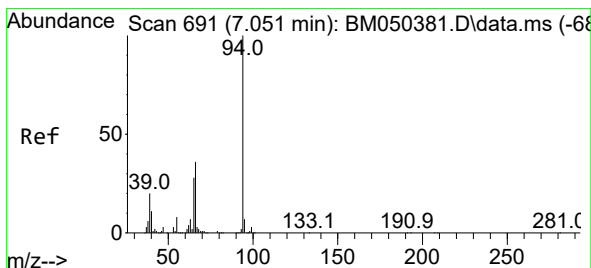
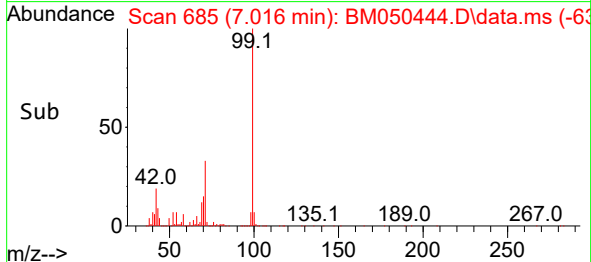
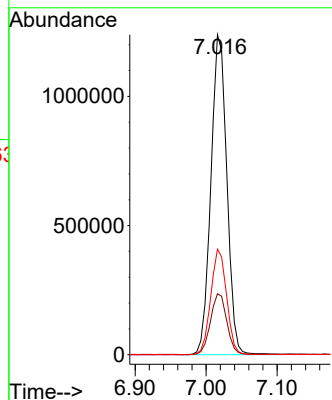
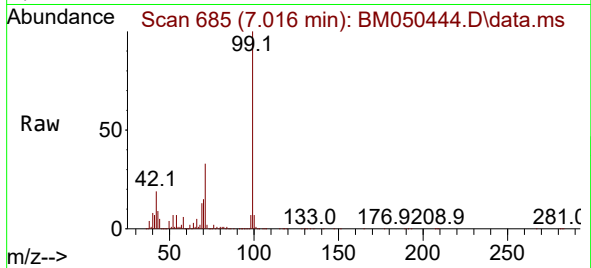




#7
Phenol-d6
Concen: 57.379 ng
RT: 7.016 min Scan# 686
Delta R.T. -0.006 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

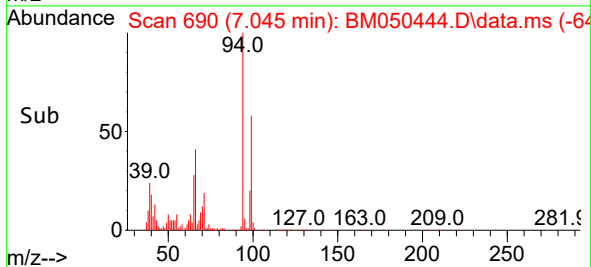
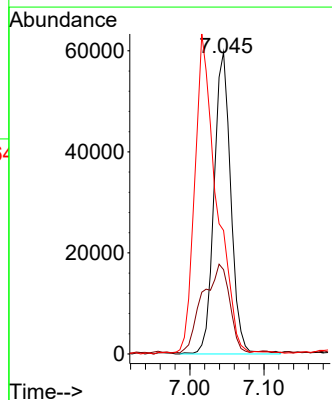
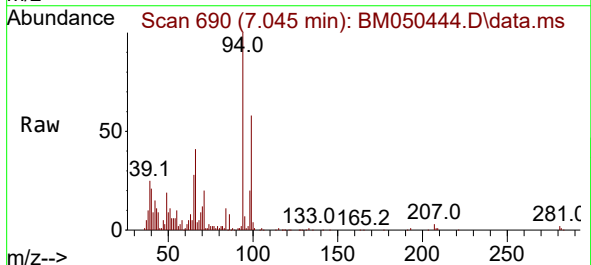
Instrument :
BNA_M
ClientSampleId :
500-3B CONCRETE CHIP

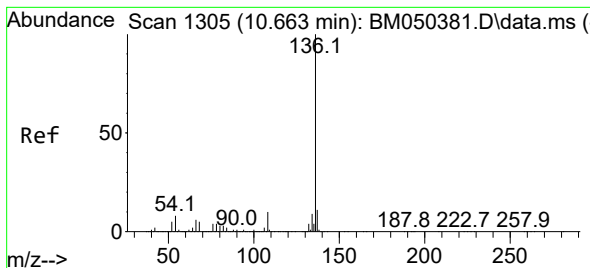
Tgt Ion: 99 Resp: 1933791
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.6
71 33.0 25.9 38.9



#10
Phenol
Concen: 2.672 ng
RT: 7.045 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

Tgt Ion: 94 Resp: 93939
Ion Ratio Lower Upper
94 100
65 28.0 8.1 48.1
66 40.9 15.8 55.8

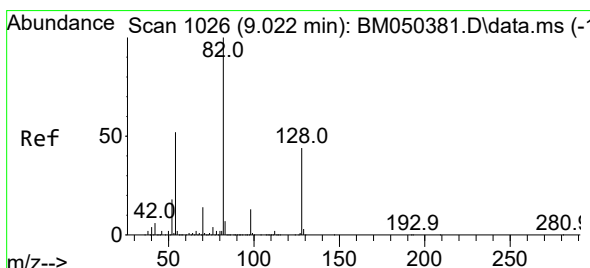
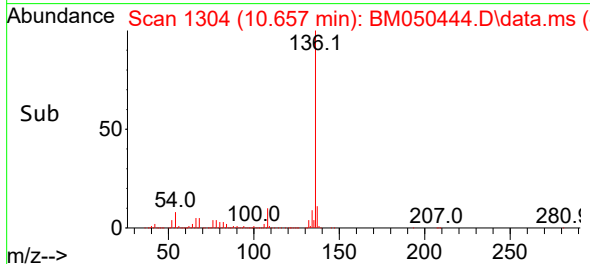
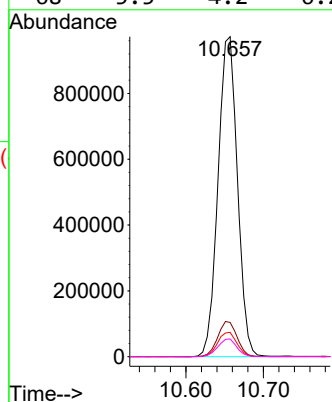
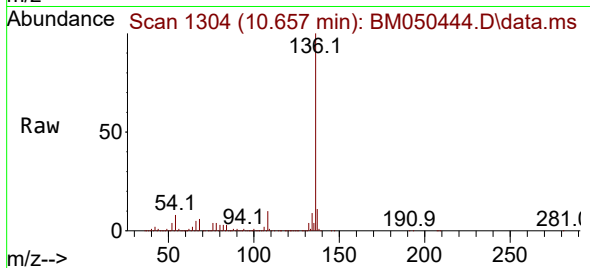




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

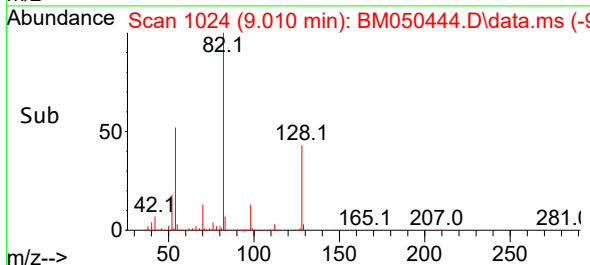
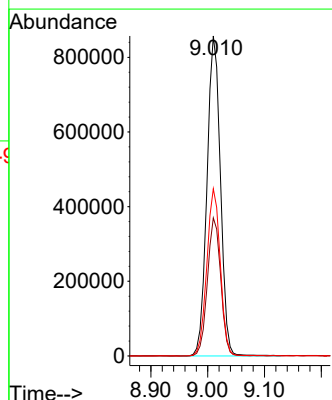
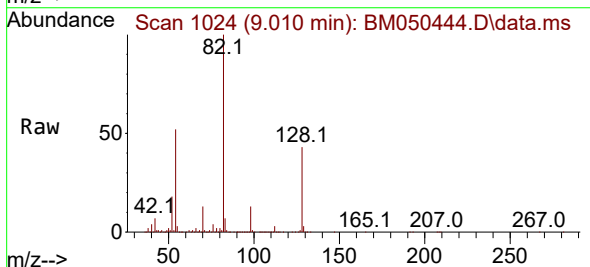
Instrument :
BNA_M
ClientSampleId :
500-3B CONCRETE CHIP

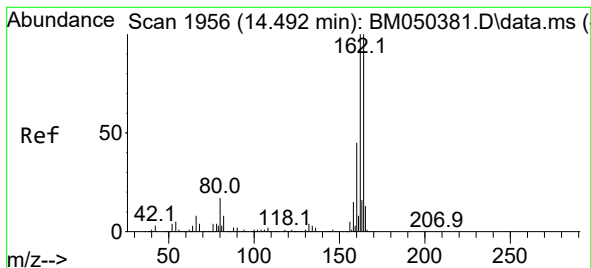
Tgt Ion:136 Resp: 1693020
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.6 6.3 9.5
68 5.5 4.2 6.2



#23
Nitrobenzene-d5
Concen: 42.289 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

Tgt Ion: 82 Resp: 1403364
Ion Ratio Lower Upper
82 100
128 43.2 35.2 52.8
54 52.2 41.5 62.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

Instrument :

BNA_M

ClientSampleId :

500-3B CONCRETE CHIP

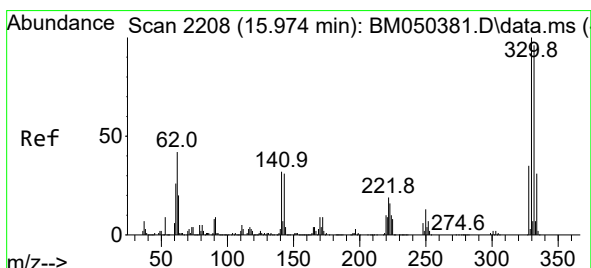
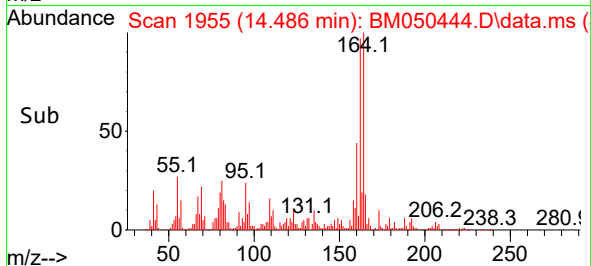
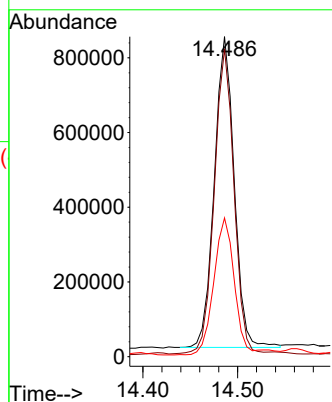
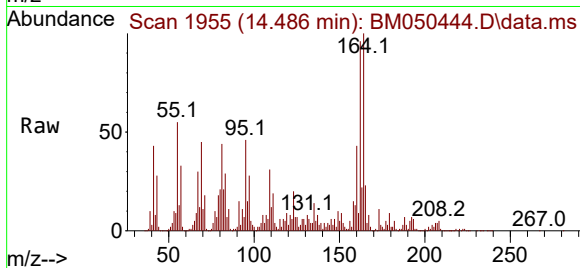
Tgt Ion:164 Resp: 1211938

Ion Ratio Lower Upper

164 100

162 96.2 79.9 119.9

160 43.4 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 34.702 ng

RT: 15.974 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

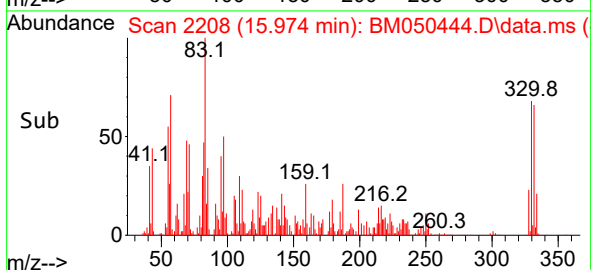
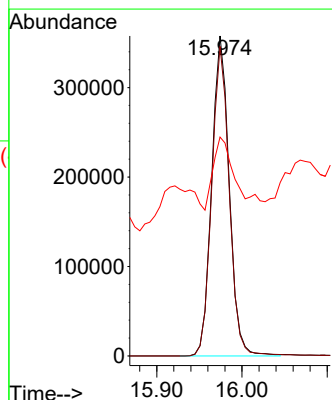
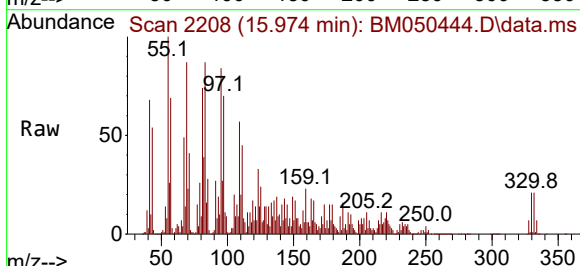
Tgt Ion:330 Resp: 510988

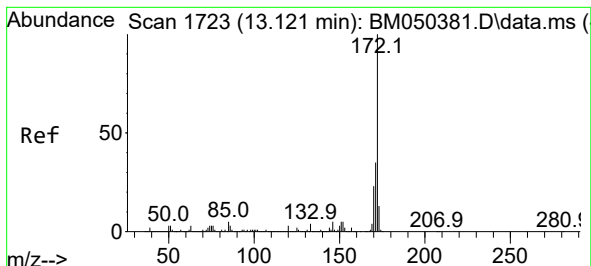
Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 29.1 27.4 41.0





#45

2-Fluorobiphenyl

Concen: 40.929 ng

RT: 13.110 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

Instrument :

BNA_M

ClientSampleId :

500-3B CONCRETE CHIP

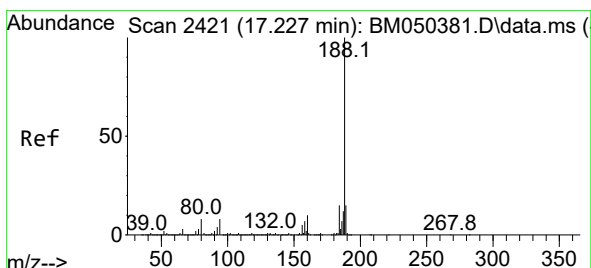
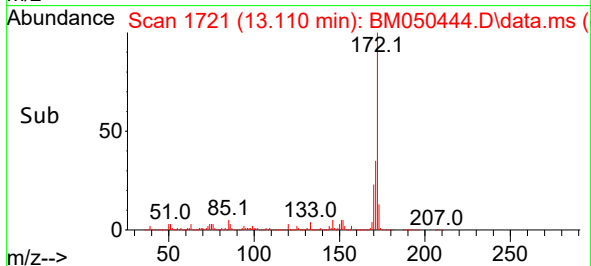
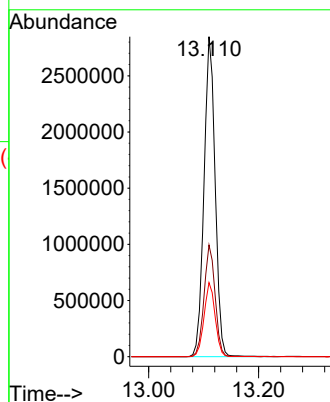
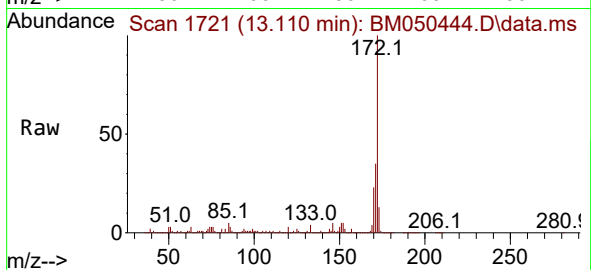
Tgt Ion:172 Resp: 4016678

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.1 18.8 28.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.239 min Scan# 2423

Delta R.T. 0.012 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

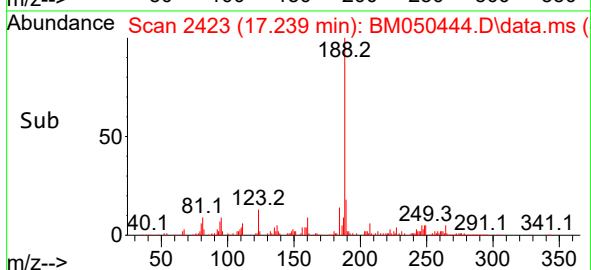
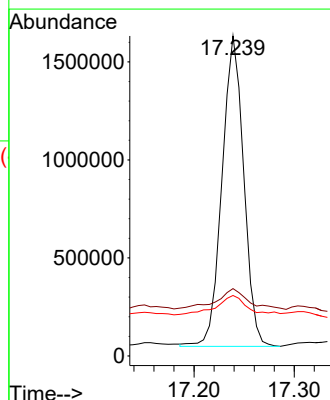
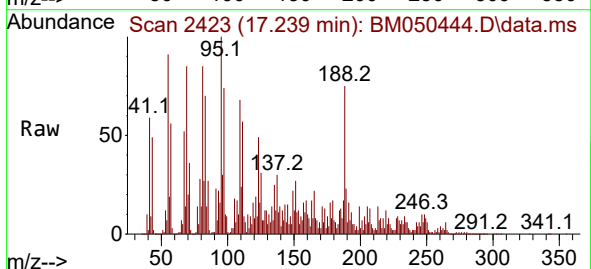
Tgt Ion:188 Resp: 2379030

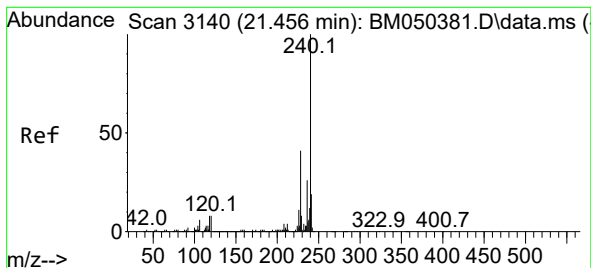
Ion Ratio Lower Upper

188 100

94 21.0 6.0 9.0#

80 18.9 6.5 9.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.450 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

Instrument :

BNA_M

ClientSampleId :

500-3B CONCRETE CHIP

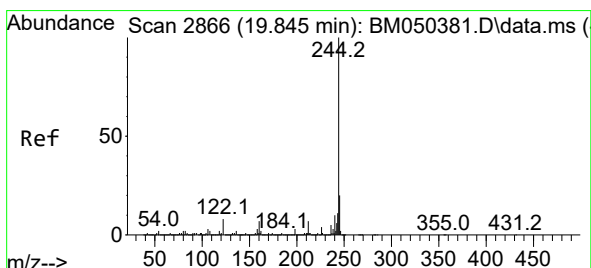
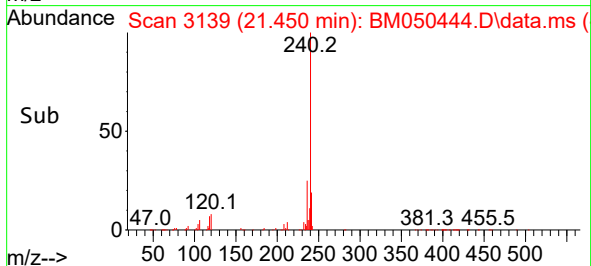
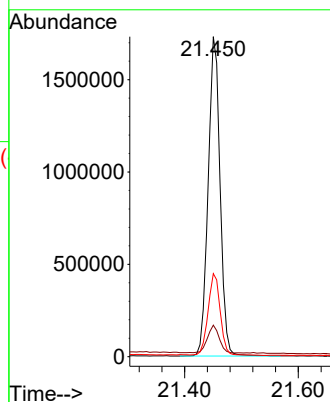
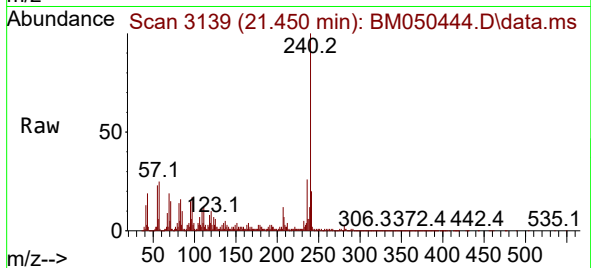
Tgt Ion:240 Resp: 2508514

Ion Ratio Lower Upper

240 100

120 9.9 6.7 10.1

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 45.206 ng

RT: 19.850 min Scan# 2867

Delta R.T. 0.006 min

Lab File: BM050444.D

Acq: 15 Jul 2025 02:52

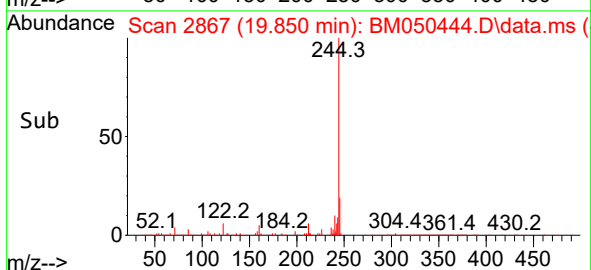
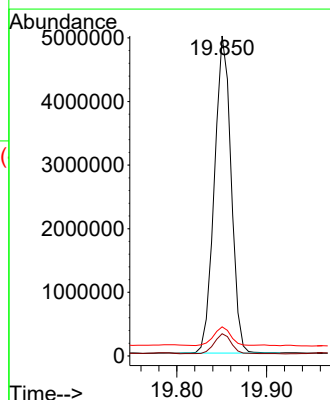
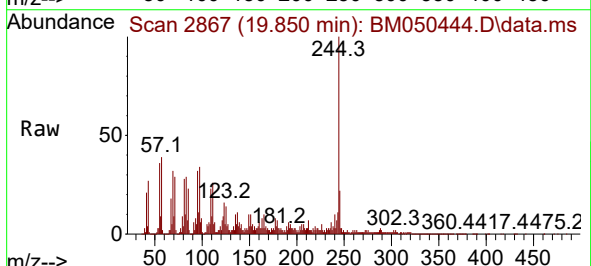
Tgt Ion:244 Resp: 6445216

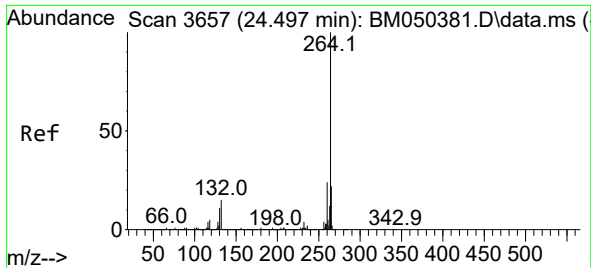
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 9.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.468 min Scan# 30
Delta R.T. -0.029 min
Lab File: BM050444.D
Acq: 15 Jul 2025 02:52

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Tgt Ion:264 Resp: 2528180

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.8	26.6

