

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071025\
 Data File : BM050393.D
 Acq On : 10 Jul 2025 17:18
 Operator : RC/JU
 Sample : Q2529-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-33

Quant Time: Jul 10 18:15:53 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	508555	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1849706	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	1187746	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	2414093	20.000	ng	0.00
76) Chrysene-d12	21.450	240	2506904	20.000	ng	0.00
86) Perylene-d12	24.491	264	2387078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2658435	89.981	ng	0.00
7) Phenol-d6	7.022	99	3377495	90.685	ng	0.00
23) Nitrobenzene-d5	9.016	82	1962407	54.127	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	1399939	97.008	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	4883851	50.779	ng	0.00
79) Terphenyl-d14	19.839	244	8980489	63.029	ng	0.00

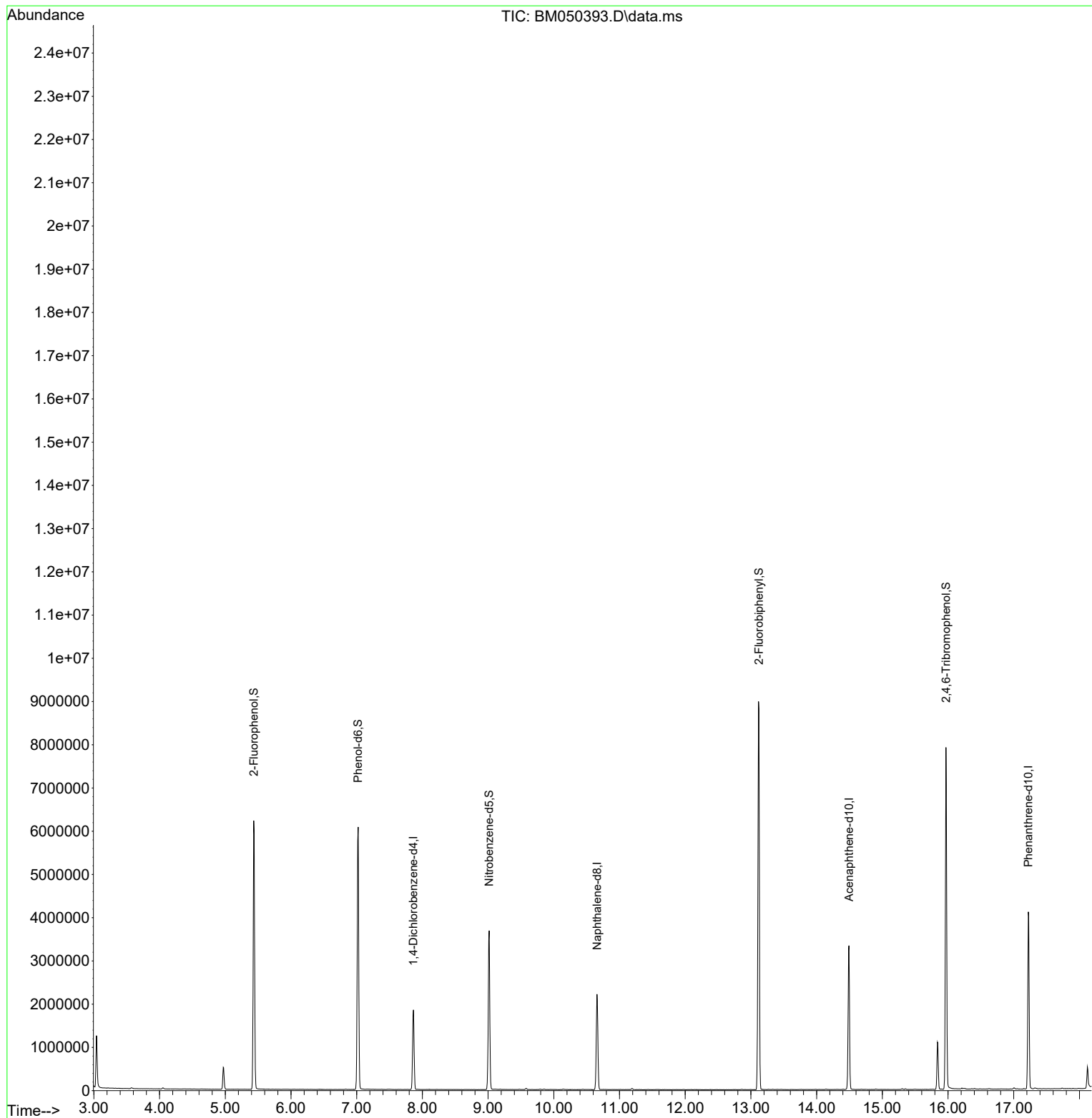
Target Compounds	Qvalue

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

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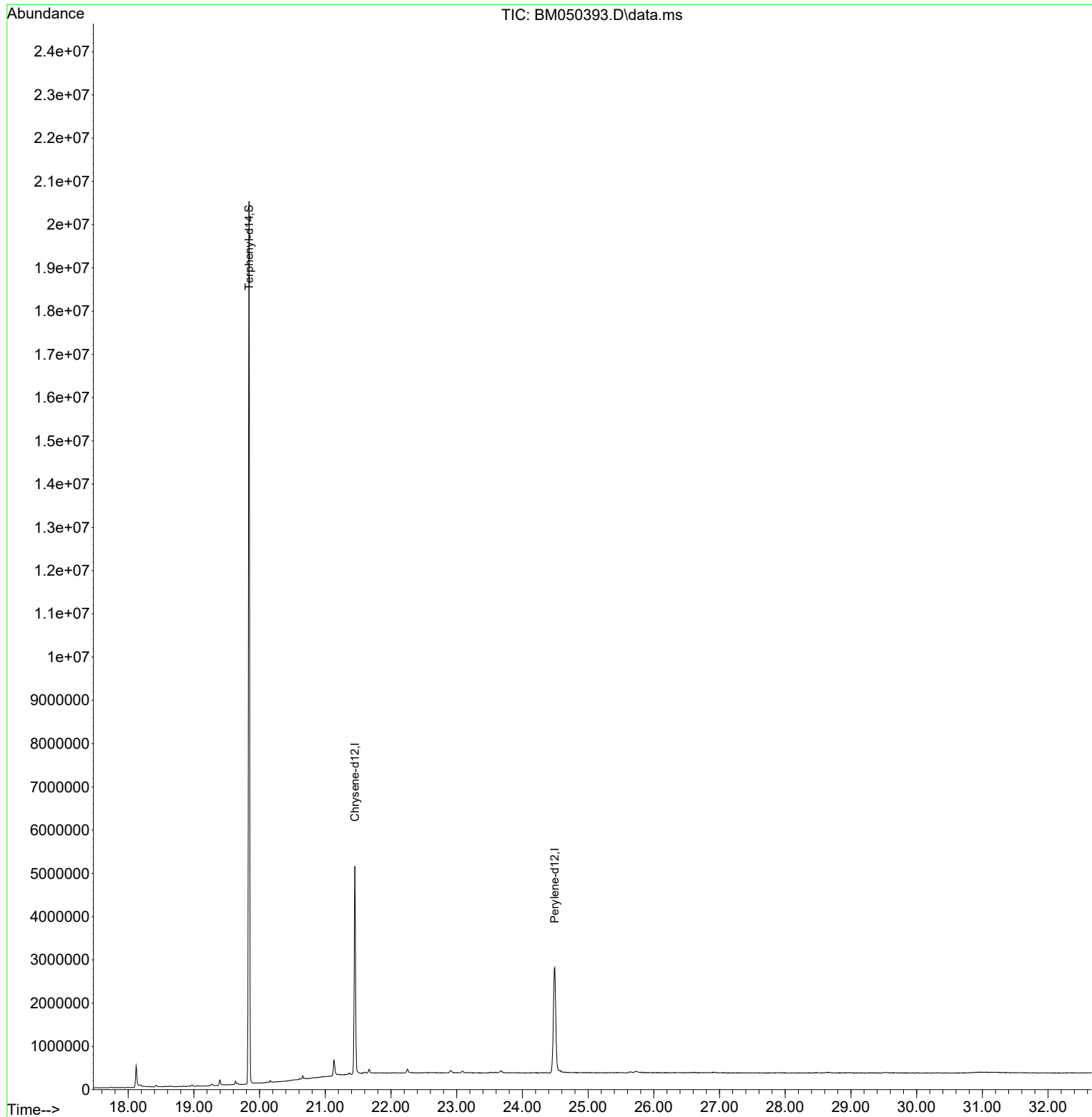
Quant Time: Jul 10 18:15:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
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QLast Update : Tue Jul 08 18:32:25 2025
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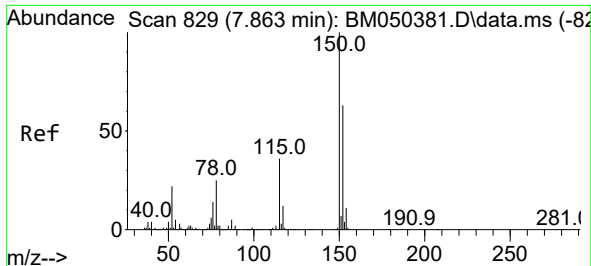


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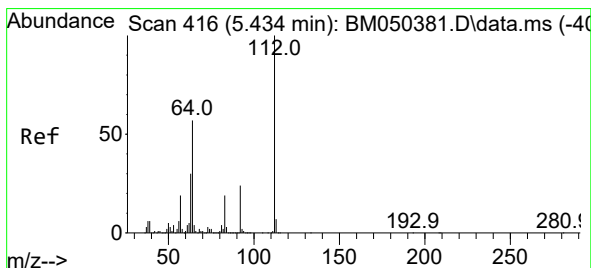
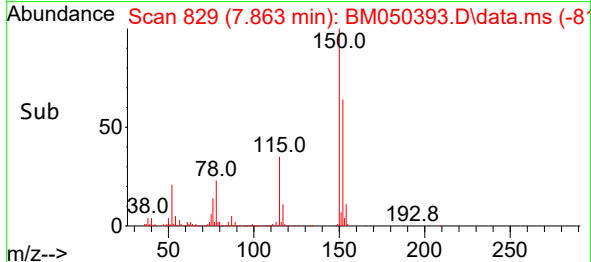
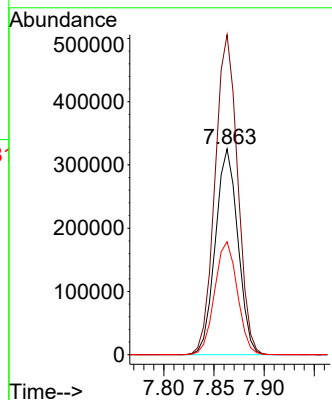
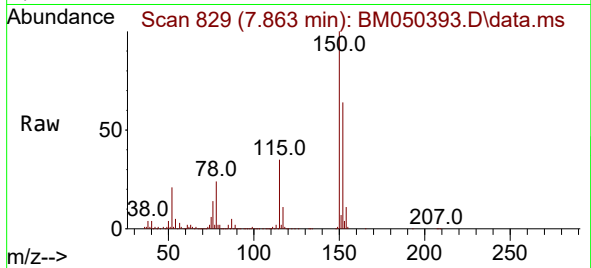




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 829
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

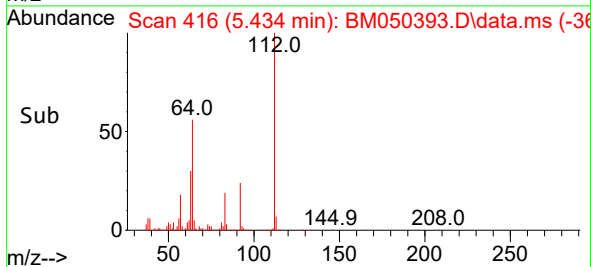
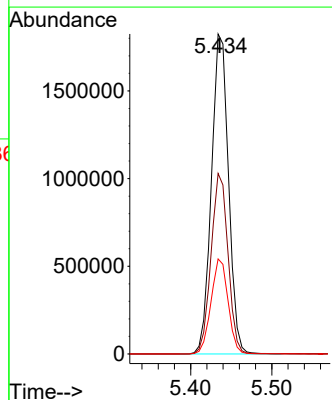
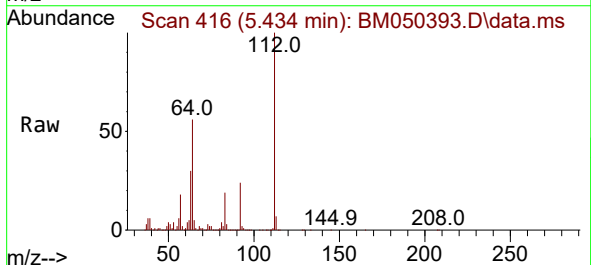
Instrument :
BNA_M
ClientSampleId :
TP-33

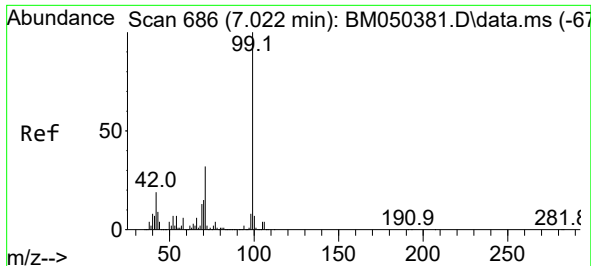
Tgt Ion:152 Resp: 508555
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.4
115 54.9 45.8 68.8



#5
2-Fluorophenol
Concen: 89.981 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:112 Resp: 2658435
Ion Ratio Lower Upper
112 100
64 56.4 45.5 68.3
63 29.7 24.2 36.4

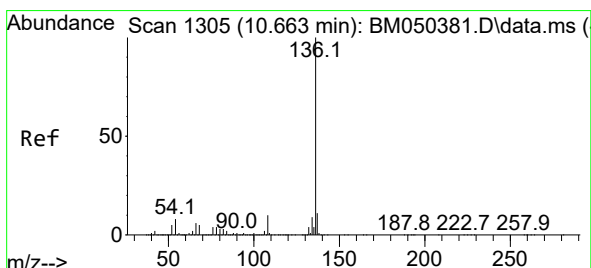
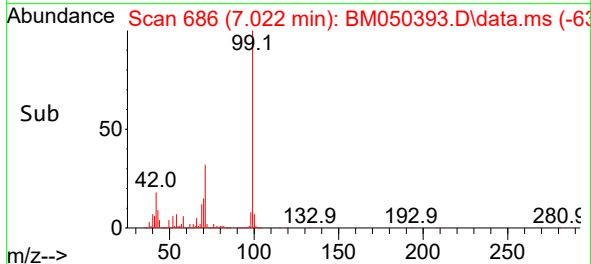
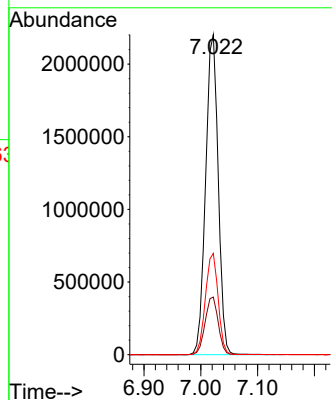
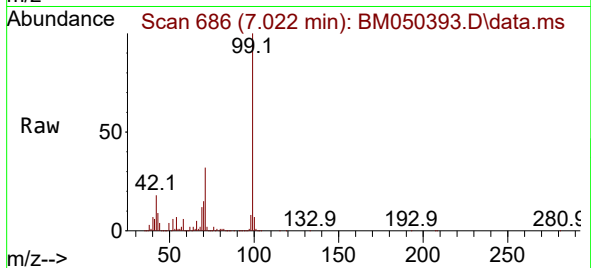




#7
Phenol-d6
Concen: 90.685 ng
RT: 7.022 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

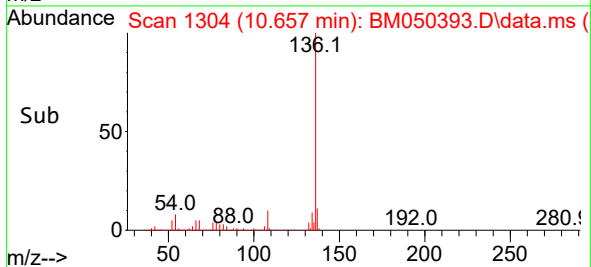
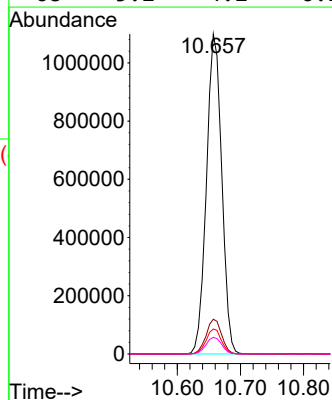
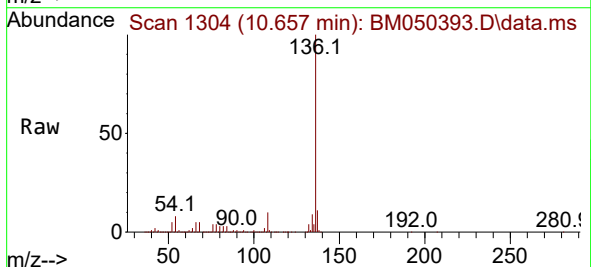
Instrument :
BNA_M
ClientSampleId :
TP-33

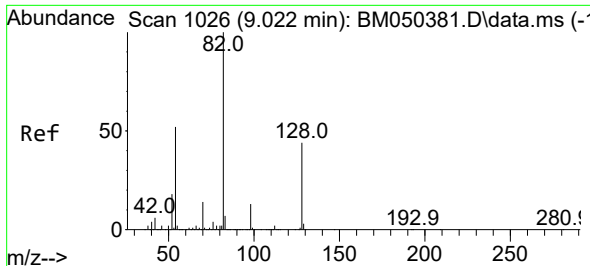
Tgt Ion: 99 Resp: 3377495
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 31.6 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:136 Resp: 1849706
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 6.3 9.5
68 5.2 4.2 6.2



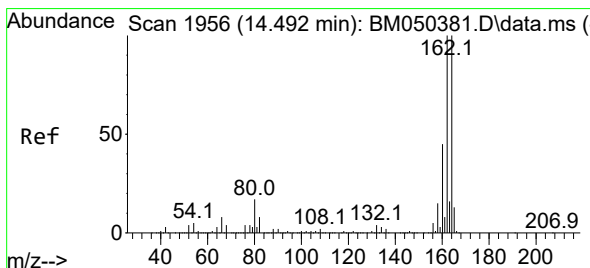
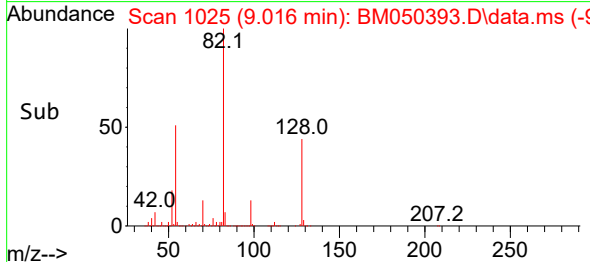
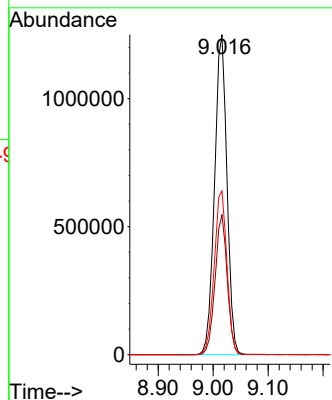
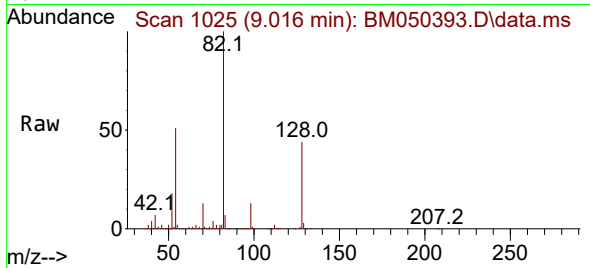


#23
Nitrobenzene-d5
Concen: 54.127 ng
RT: 9.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Instrument :
BNA_M
ClientSampleId :
TP-33

Tgt Ion: 82 Resp: 1962407

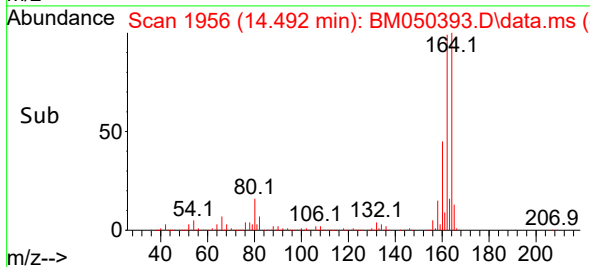
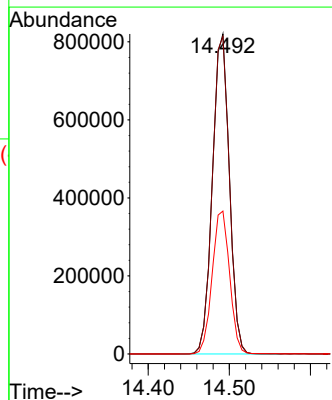
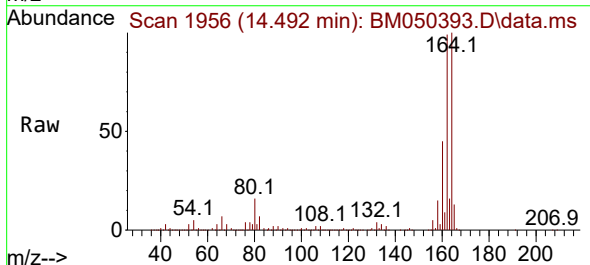
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.2	52.8
54	51.2	41.5	62.3

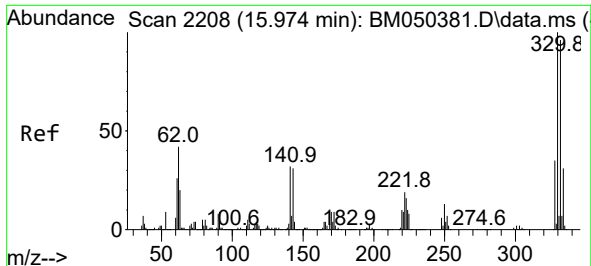


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion: 164 Resp: 1187746

Ion	Ratio	Lower	Upper
164	100		
162	99.2	79.9	119.9
160	44.7	36.2	54.4

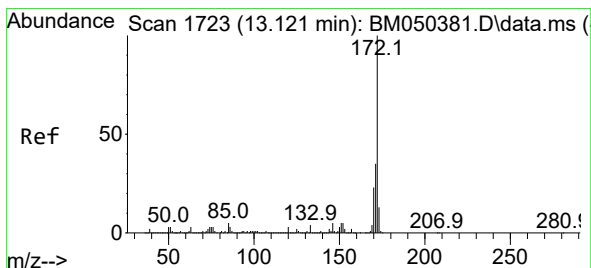
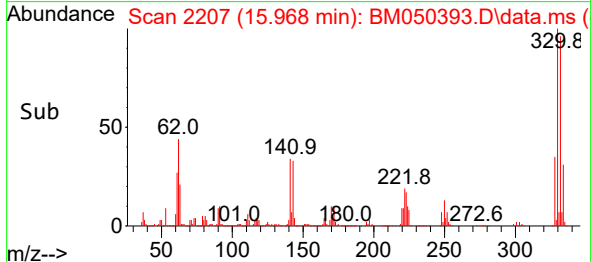
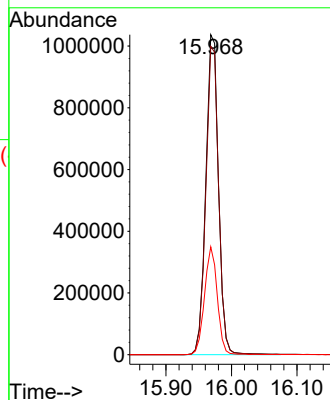
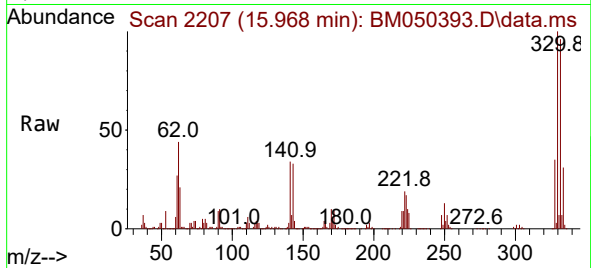




#42
2,4,6-Tribromophenol
Concen: 97.008 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

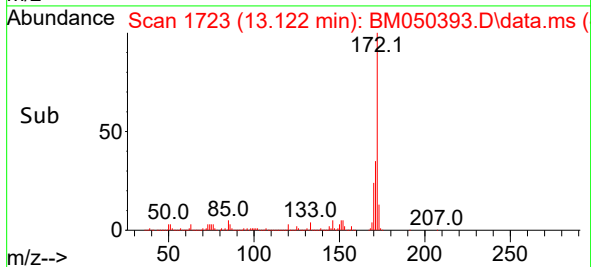
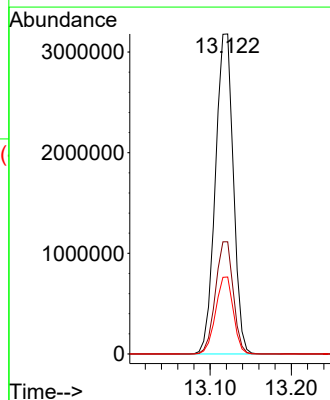
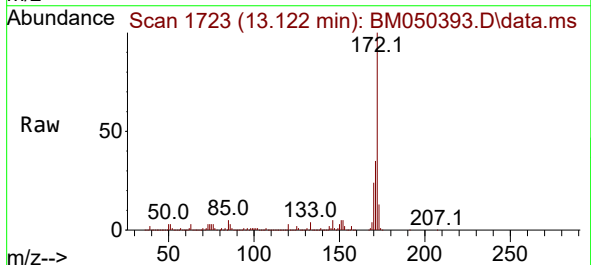
Instrument :
BNA_M
ClientSampleId :
TP-33

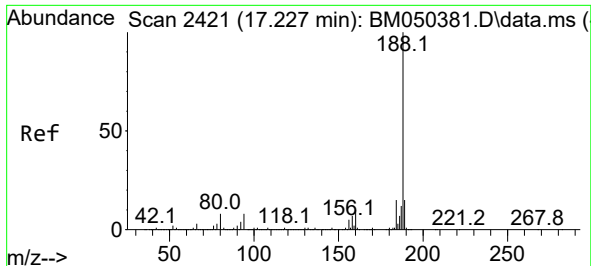
Tgt Ion:330 Resp: 1399939
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 34.0 27.4 41.0



#45
2-Fluorobiphenyl
Concen: 50.779 ng
RT: 13.122 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:172 Resp: 4883851
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 24.1 18.8 28.2

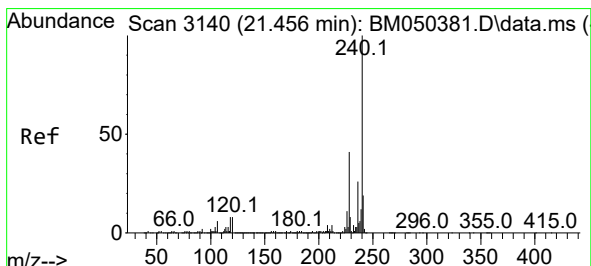
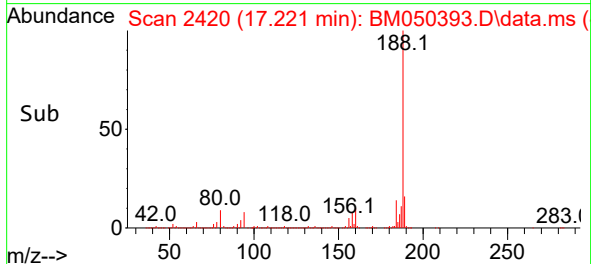
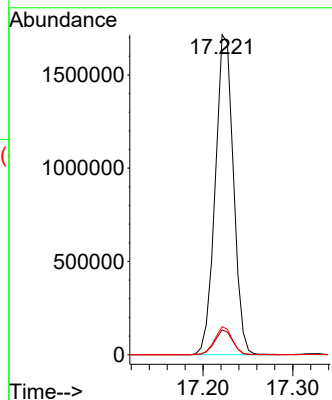
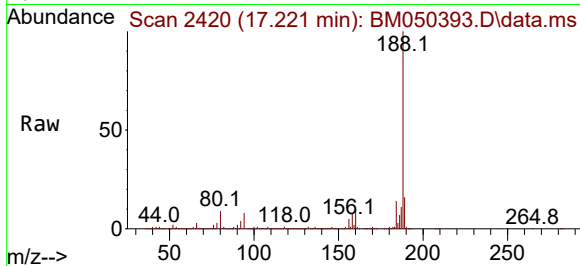




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

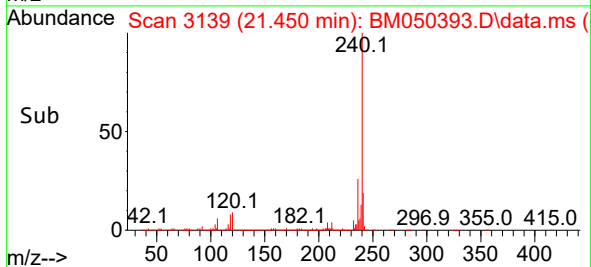
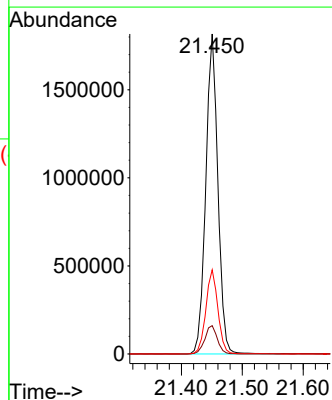
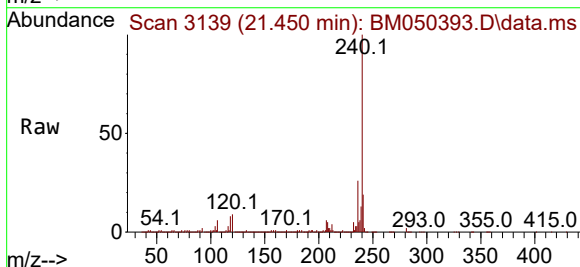
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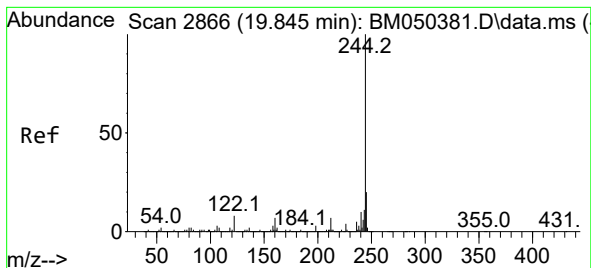
Tgt Ion:188 Resp: 2414093
Ion Ratio Lower Upper
188 100
94 7.8 6.0 9.0
80 8.8 6.5 9.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM050393.D
Acq: 10 Jul 2025 17:18

Tgt Ion:240 Resp: 2506904
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.3 20.7 31.1





#79

Terphenyl-d14

Concen: 63.029 ng

RT: 19.839 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM050393.D

Acq: 10 Jul 2025 17:18

Instrument :

BNA_M

ClientSampleId :

TP-33

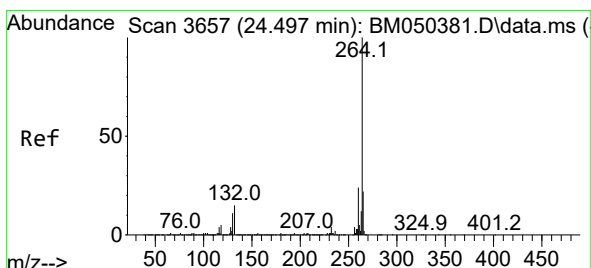
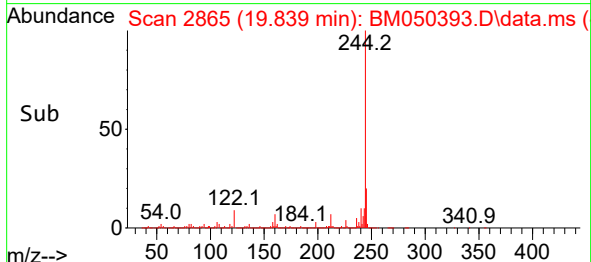
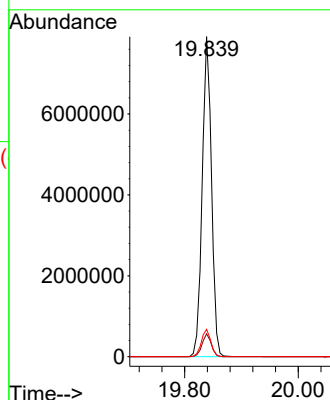
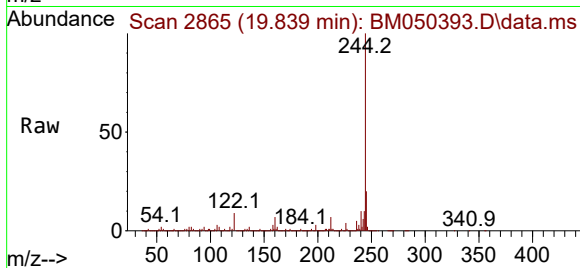
Tgt Ion:244 Resp: 8980489

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 8.6 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.491 min Scan# 3656

Delta R.T. -0.006 min

Lab File: BM050393.D

Acq: 10 Jul 2025 17:18

Tgt Ion:264 Resp: 2387078

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 17.8 26.6

