

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043025\
 Data File : BM050046.D
 Acq On : 30 Apr 2025 15:25
 Operator : RC/JU
 Sample : Q1883-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OU4-PCS-TC-29-042325

Quant Time: Apr 30 16:04:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 18:09:16 2025
 Response via : Initial Calibration

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

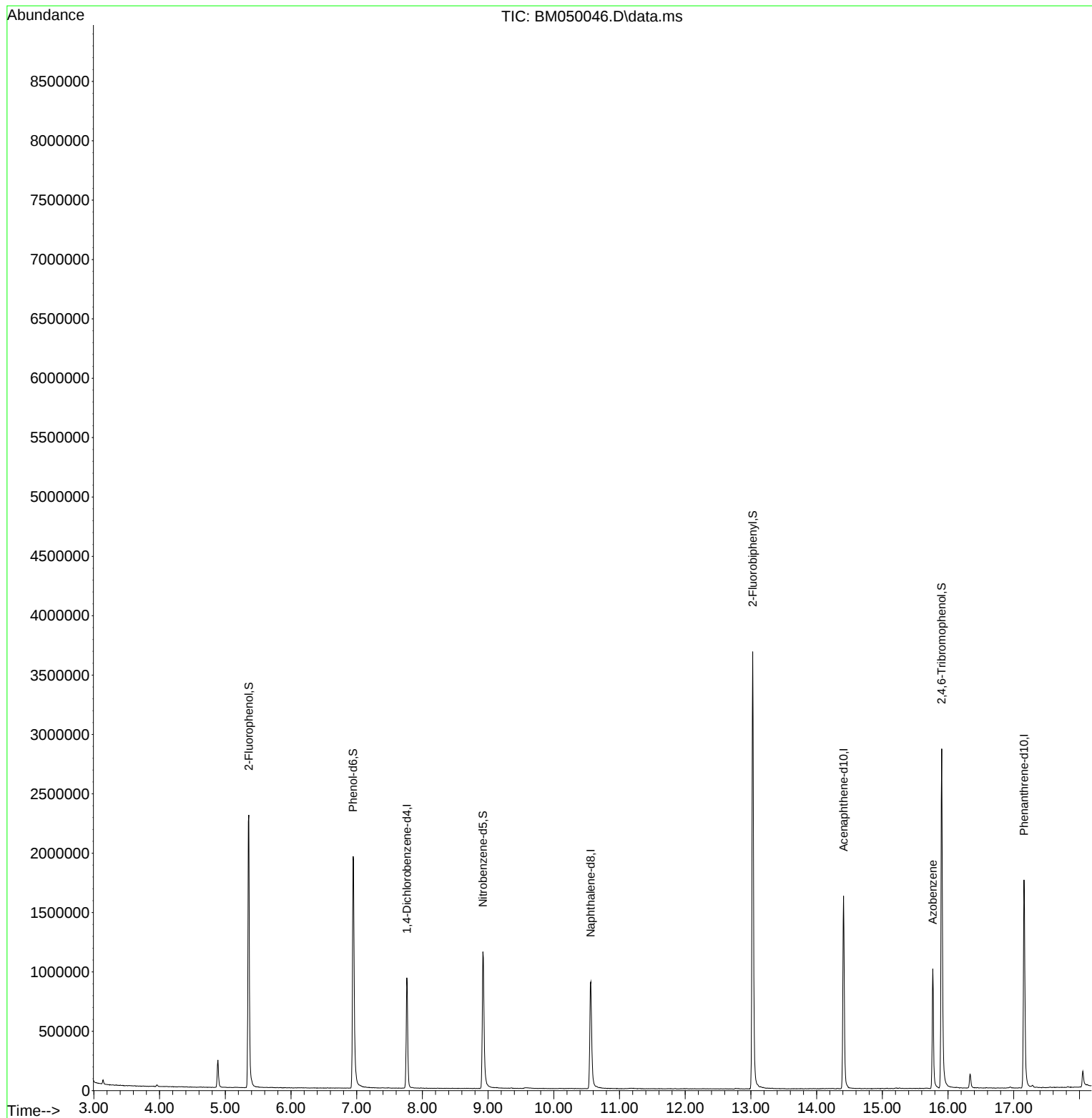
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	272947	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	944491	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	645043	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1218690	20.000	ng	0.00
76) Chrysene-d12	21.397	240	1127978	20.000	ng	0.00
86) Perylene-d12	24.397	264	1211887	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1092632	70.097	ng	0.00
7) Phenol-d6	6.945	99	1358247	69.329	ng	0.00
23) Nitrobenzene-d5	8.922	82	809819	42.250	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	616981	64.688	ng	0.00
45) 2-Fluorobiphenyl	13.027	172	2218090	40.679	ng	0.00
79) Terphenyl-d14	19.780	244	3449316	45.250	ng	0.00
Target Compounds						
63) Azobenzene	15.768	77	298145	8.009	ng	Qvalue # 1

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

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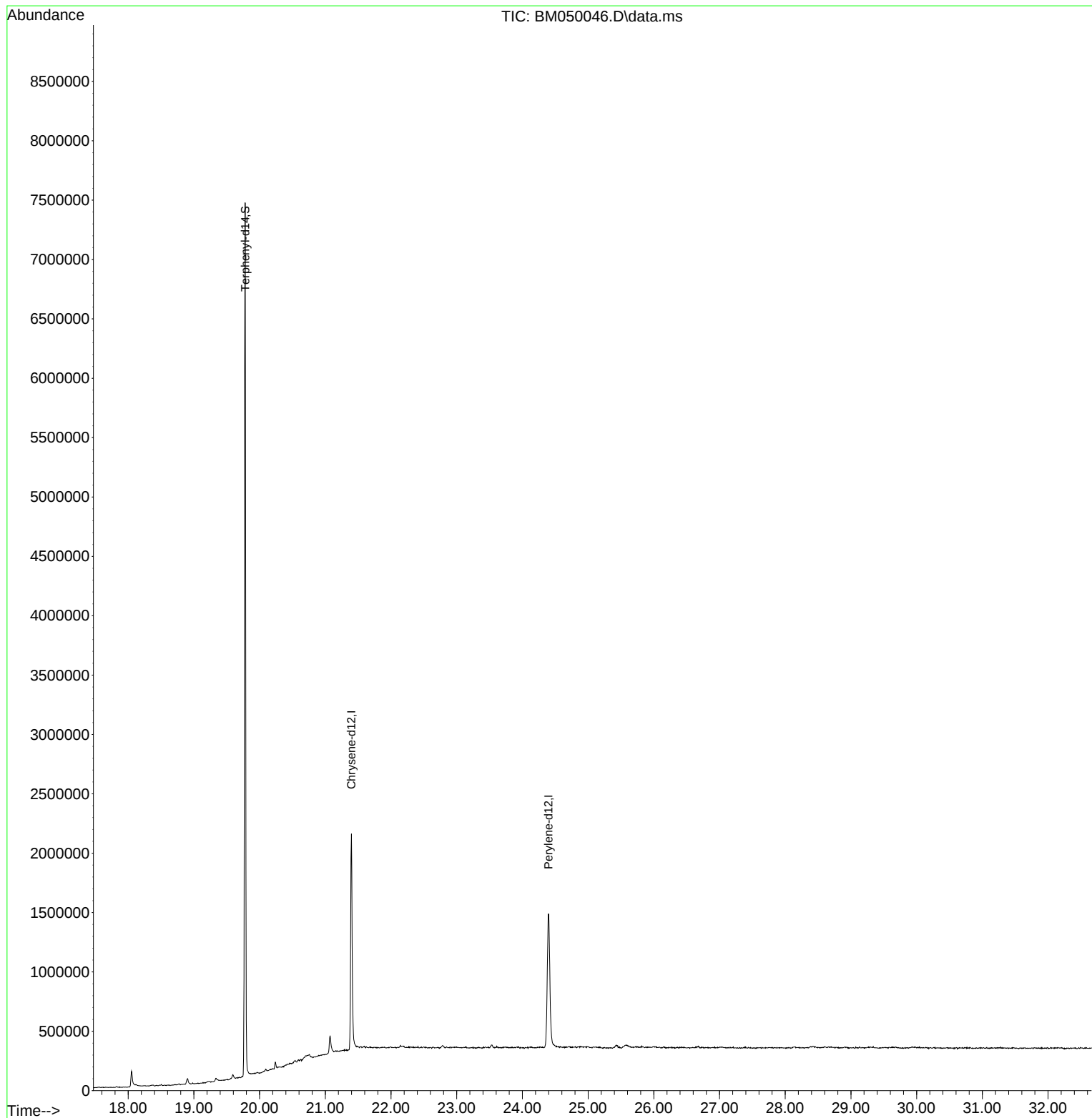
Quant Time: Apr 30 16:04:17 2025
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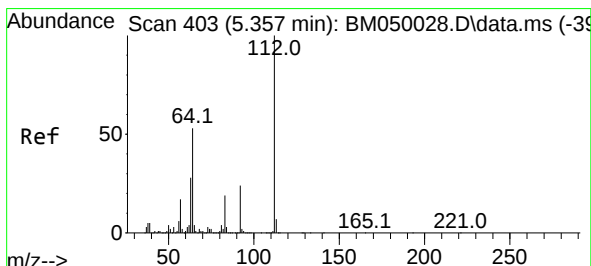
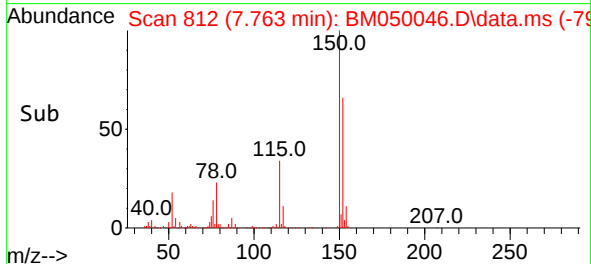
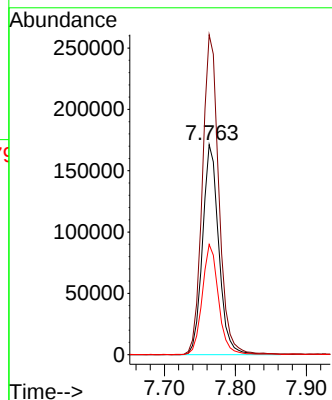
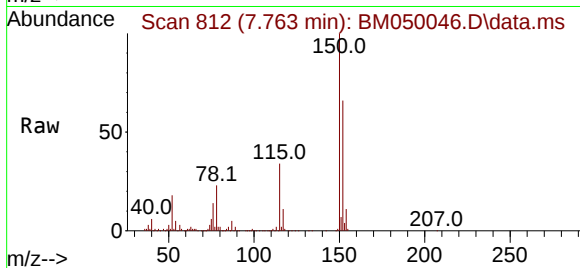




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 813
Delta R.T. -0.006 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

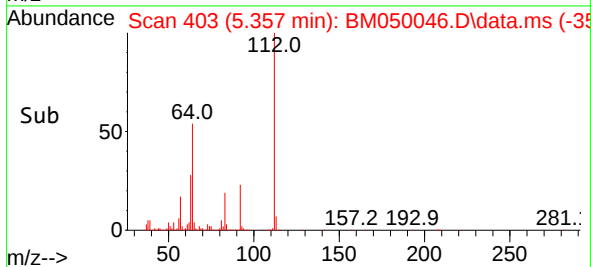
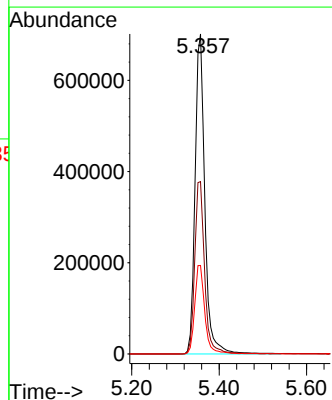
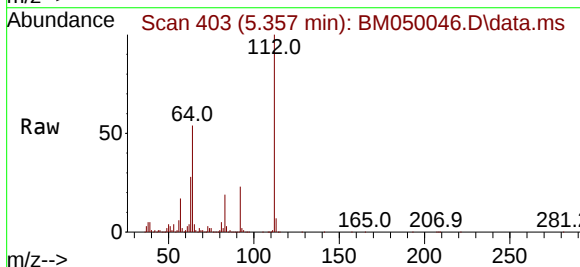
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-29-042325

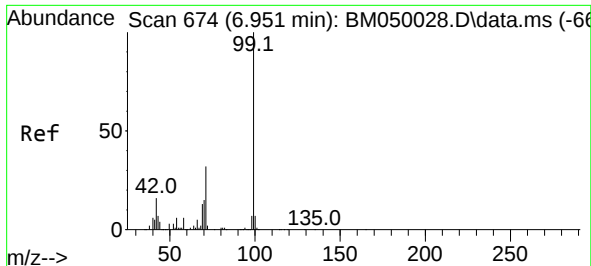
Tgt Ion:152 Resp: 272947
Ion Ratio Lower Upper
152 100
150 152.3 124.1 186.1
115 52.5 41.2 61.8



#5
2-Fluorophenol
Concen: 70.097 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.000 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Tgt Ion:112 Resp: 1092632
Ion Ratio Lower Upper
112 100
64 53.8 42.6 64.0
63 27.6 22.2 33.4



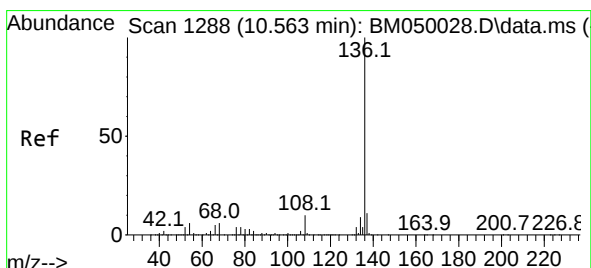
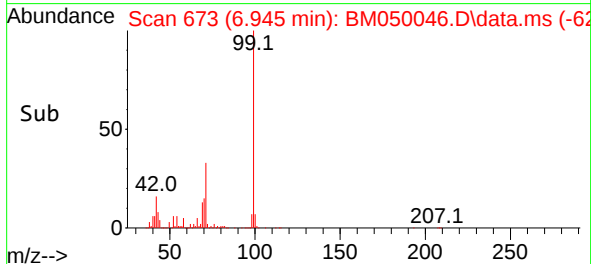
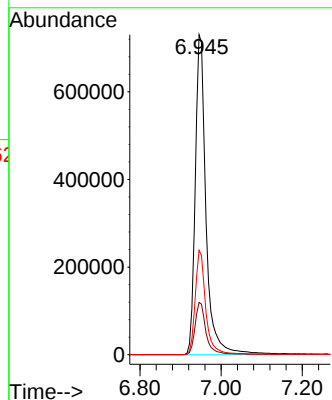
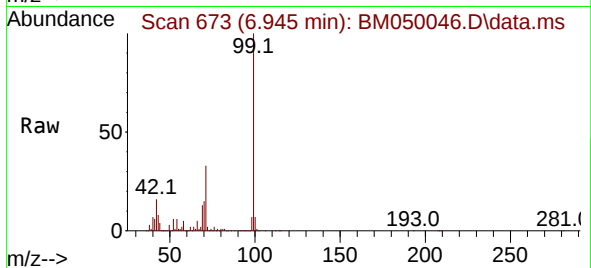


#7
Phenol-d6
Concen: 69.329 ng
RT: 6.945 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-29-042325

Tgt Ion: 99 Resp: 1358247

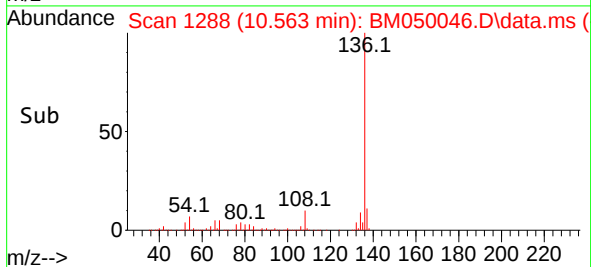
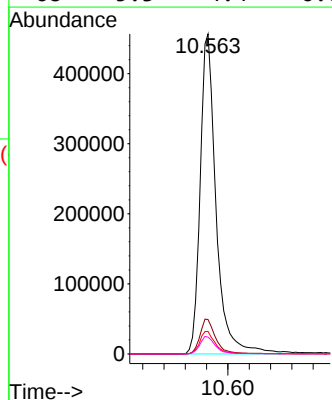
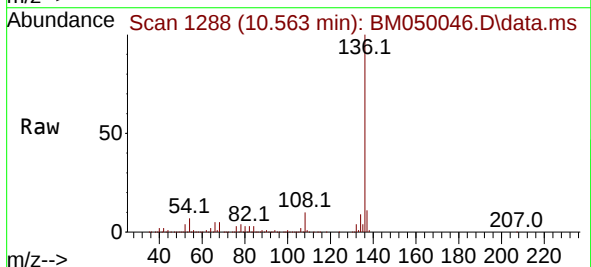
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.4
71	32.6	25.6	38.4

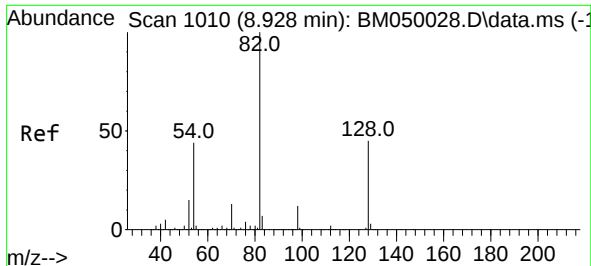


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Tgt Ion: 136 Resp: 944491

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	5.1	7.7
68	5.3	4.4	6.6

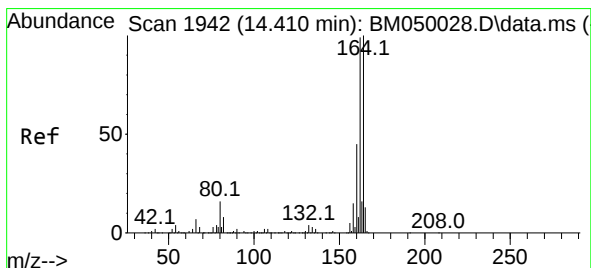
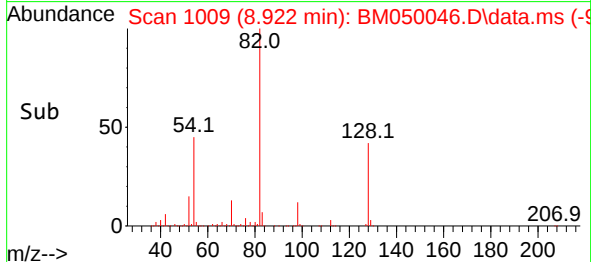
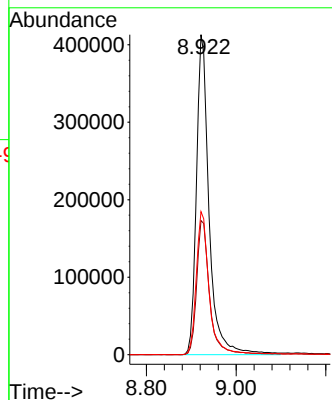
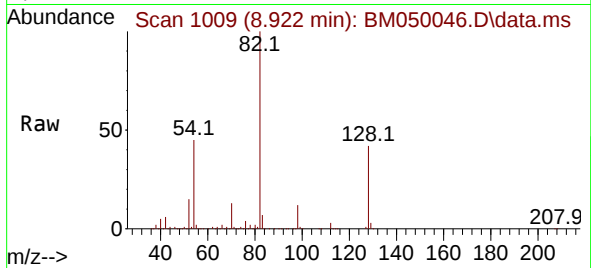




#23
Nitrobenzene-d5
Concen: 42.250 ng
RT: 8.922 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

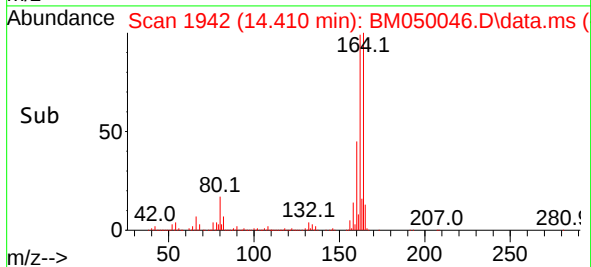
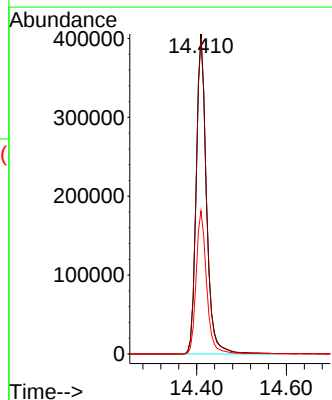
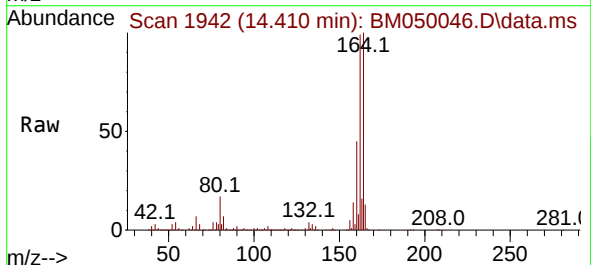
Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-29-042325

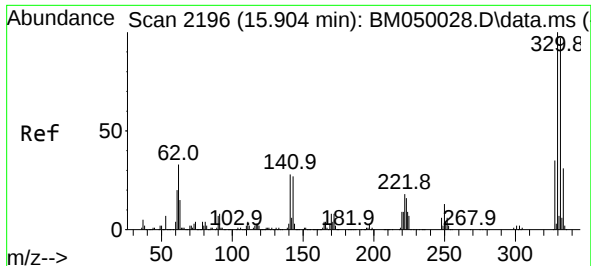
Tgt Ion: 82 Resp: 809819
Ion Ratio Lower Upper
82 100
128 41.9 35.7 53.5
54 44.7 35.4 53.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

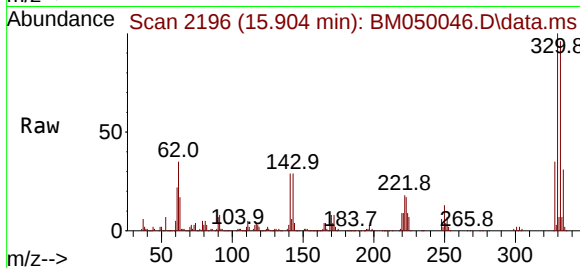
Tgt Ion:164 Resp: 645043
Ion Ratio Lower Upper
164 100
162 98.7 79.4 119.0
160 44.8 36.2 54.4



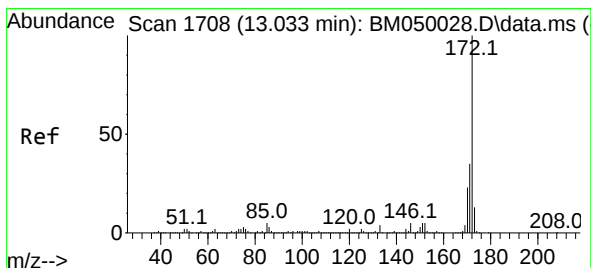
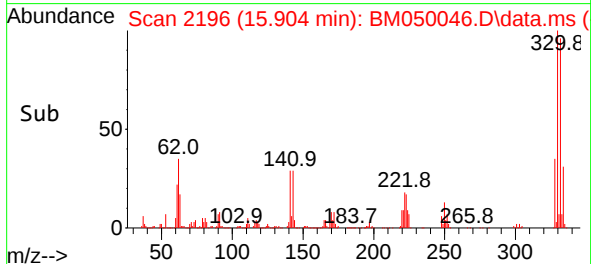
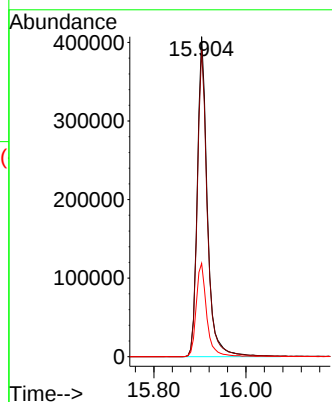


#42
2,4,6-Tribromophenol
Concen: 64.688 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Instrument :
BNA_M
ClientSampleId :
OU4-PCS-TC-29-042325

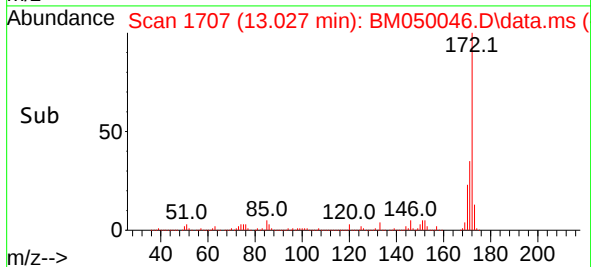
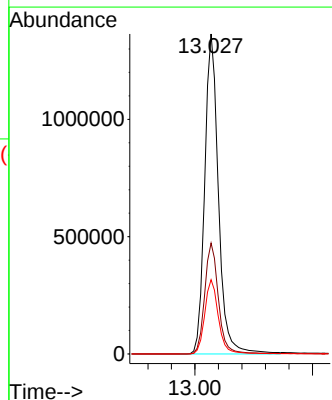
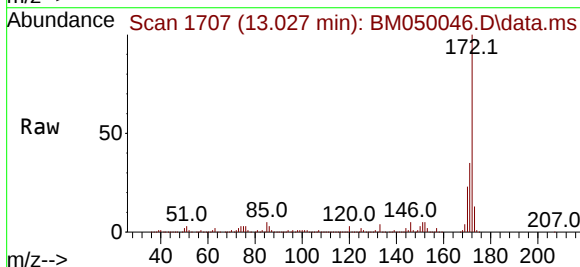


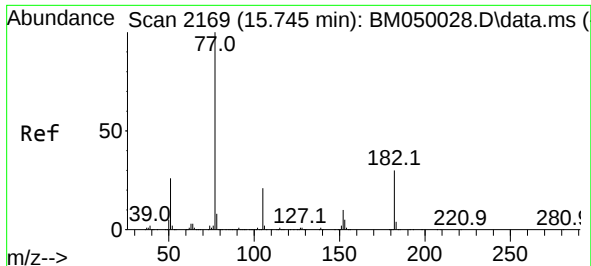
Tgt Ion:330 Resp: 616981
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 30.5 22.5 33.7



#45
2-Fluorobiphenyl
Concen: 40.679 ng
RT: 13.027 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Tgt Ion:172 Resp: 2218090
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.2 18.6 28.0

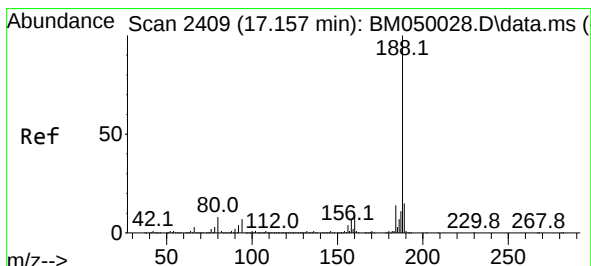
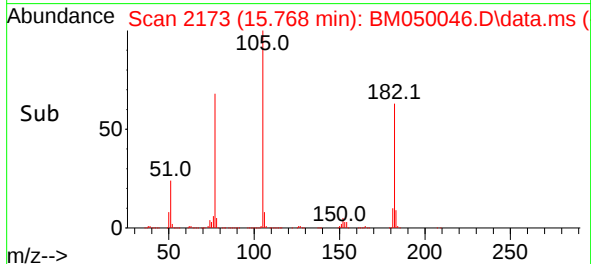
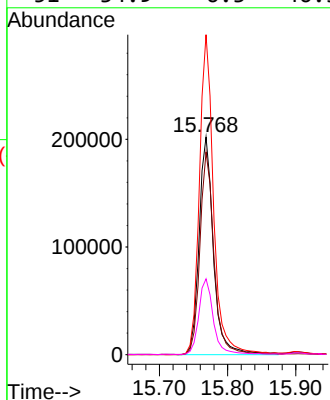
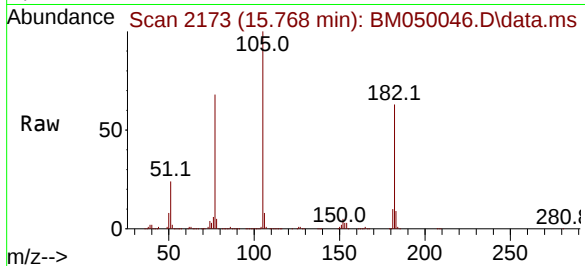




#63
Azobenzene
Concen: 8.009 ng
RT: 15.768 min Scan# 2169
Delta R.T. 0.023 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

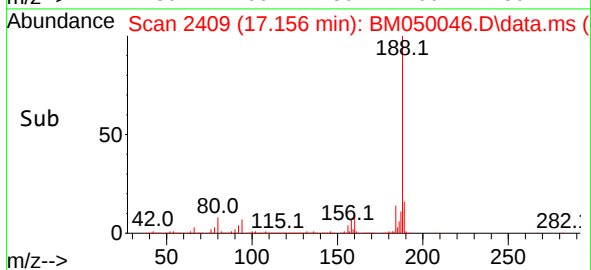
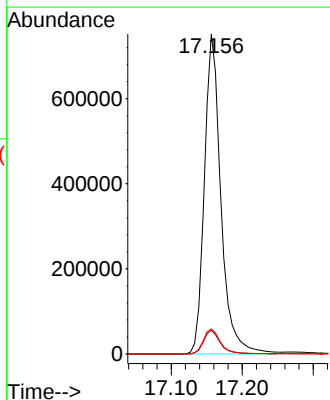
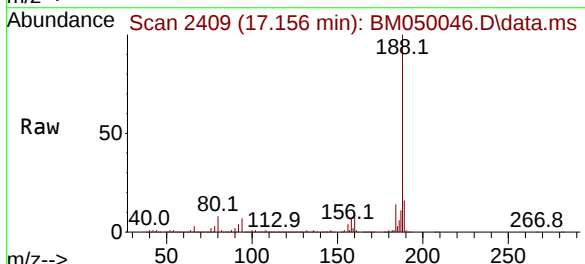
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ClientSampleId :
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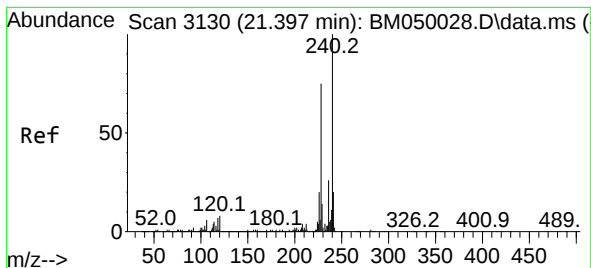
Tgt Ion: 77 Resp: 298145
Ion Ratio Lower Upper
77 100
182 93.0 10.5 50.5#
105 147.0 1.1 41.1#
51 34.9 6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 2409
Delta R.T. -0.001 min
Lab File: BM050046.D
Acq: 30 Apr 2025 15:25

Tgt Ion:188 Resp: 1218690
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.8 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM050046.D

Acq: 30 Apr 2025 15:25

Instrument :

BNA_M

ClientSampleId :

OU4-PCS-TC-29-042325

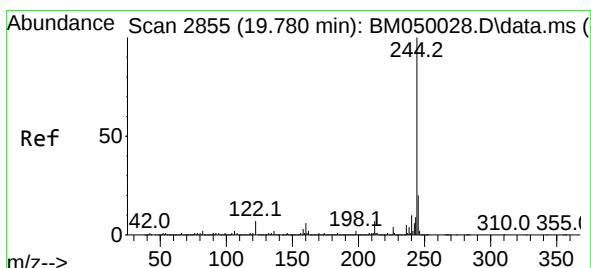
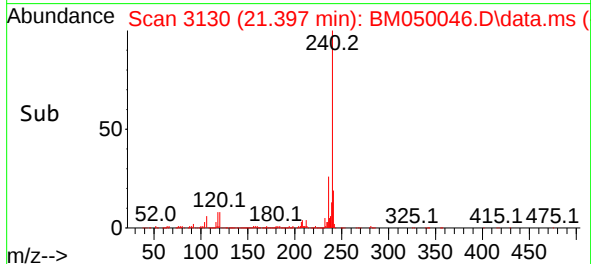
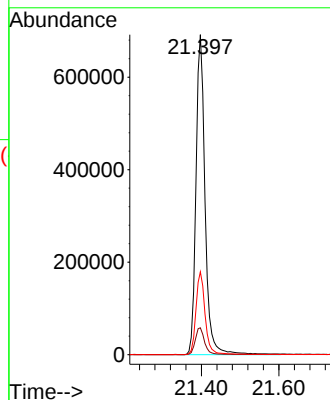
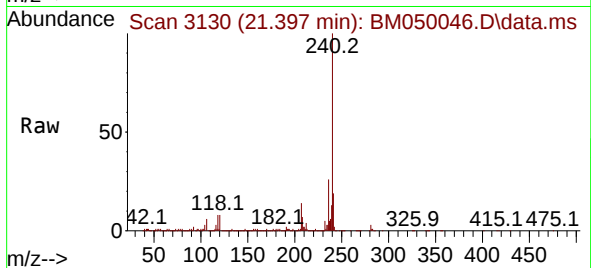
Tgt Ion:240 Resp: 1127978

Ion Ratio Lower Upper

240 100

120 8.4 6.5 9.7

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 45.250 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.000 min

Lab File: BM050046.D

Acq: 30 Apr 2025 15:25

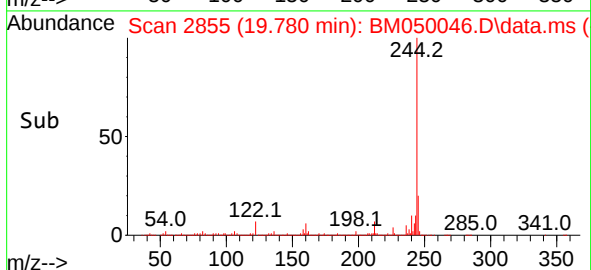
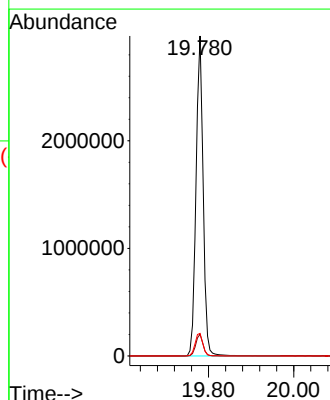
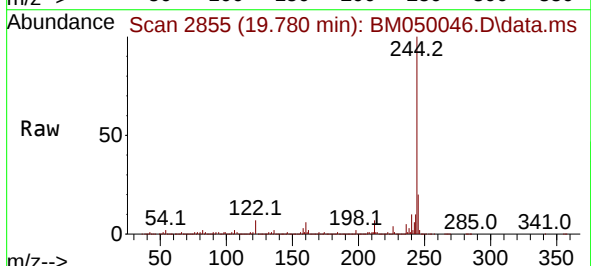
Tgt Ion:244 Resp: 3449316

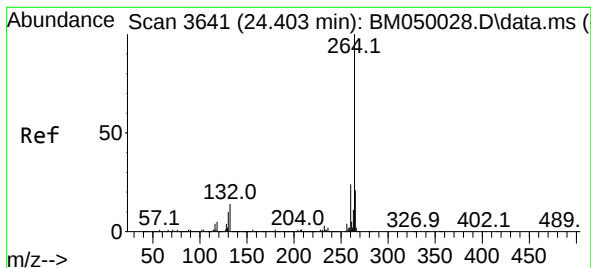
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 7.0 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM050046.D

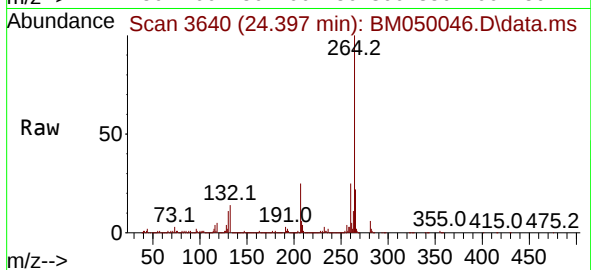
Acq: 30 Apr 2025 15:25

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ClientSampleId :

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Tgt Ion:264 Resp: 1211887

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.1 17.0 25.4

