

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
 Data File : BM049919.D
 Acq On : 14 Apr 2025 18:27
 Operator : RC/JU
 Sample : Q1779-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-23

Quant Time: Apr 15 01:02:46 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 09 04:00:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	455798	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1614875	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	1066666	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	2108834	20.000	ng	0.00
76) Chrysene-d12	21.392	240	1944393	20.000	ng	-0.01
86) Perylene-d12	24.386	264	1784527	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2871697	106.985	ng	0.00
7) Phenol-d6	6.951	99	3556897	106.505	ng	0.00
23) Nitrobenzene-d5	8.928	82	2092390	72.151	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	1783127	114.929	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5409747	68.772	ng	-0.01
79) Terphenyl-d14	19.780	244	8020704	77.305	ng	-0.01

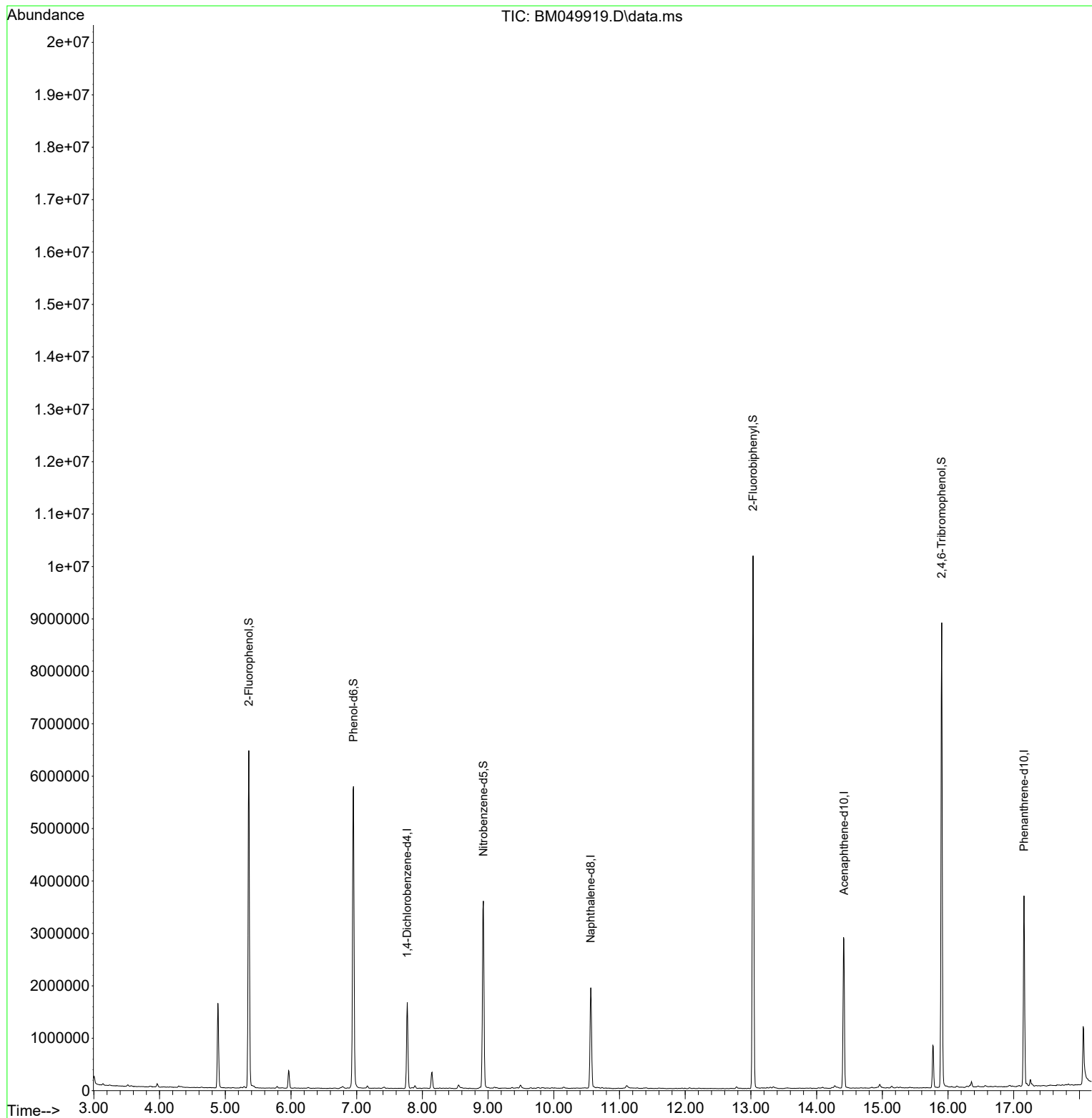
Target Compounds	Qvalue

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

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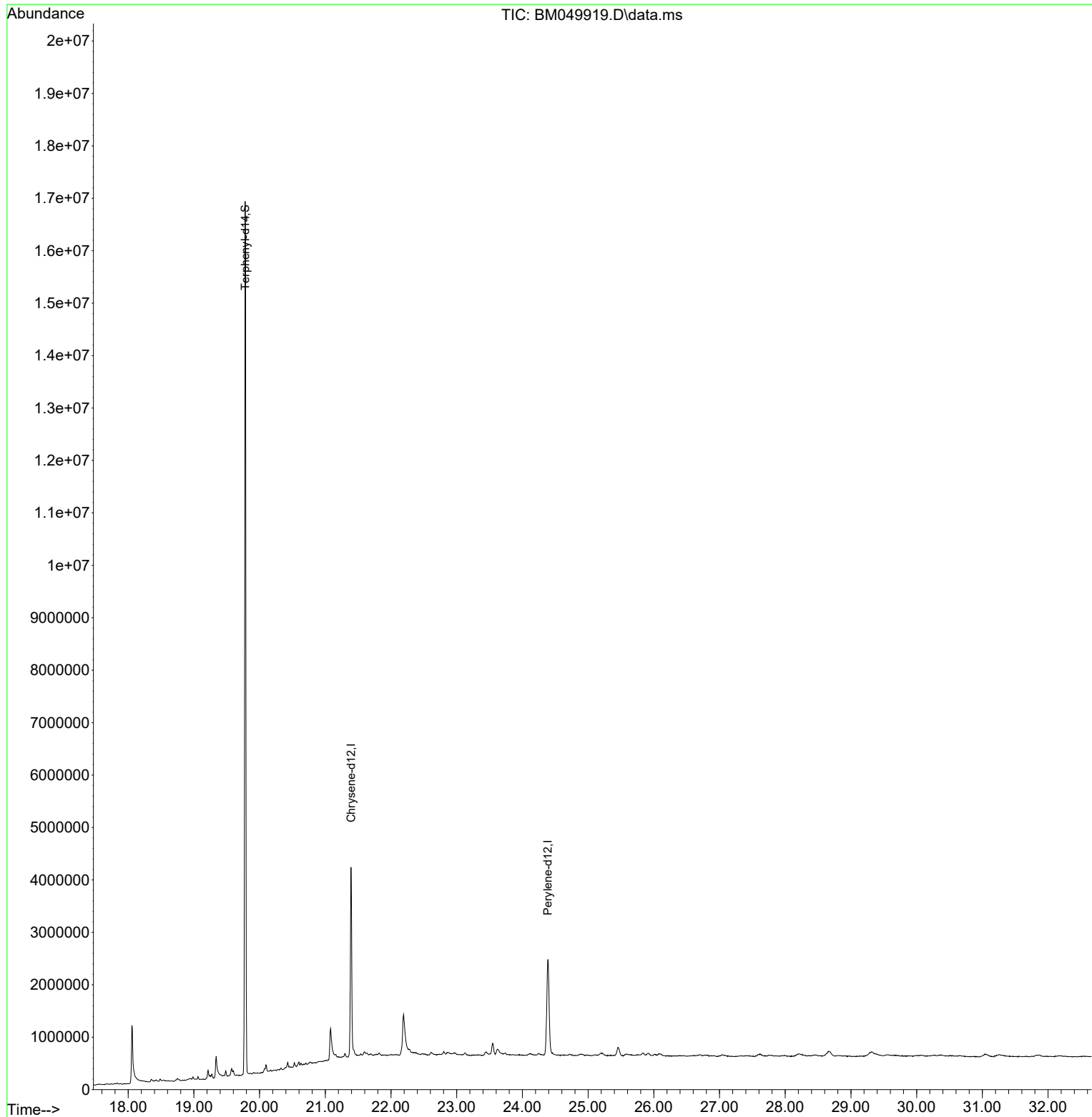
Quant Time: Apr 15 01:02:46 2025
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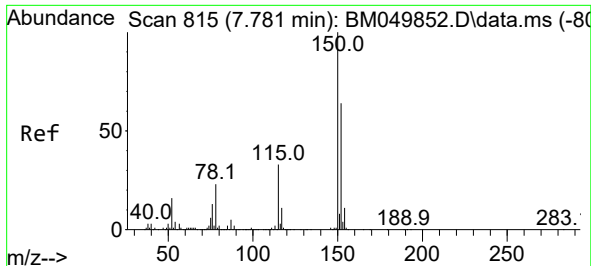


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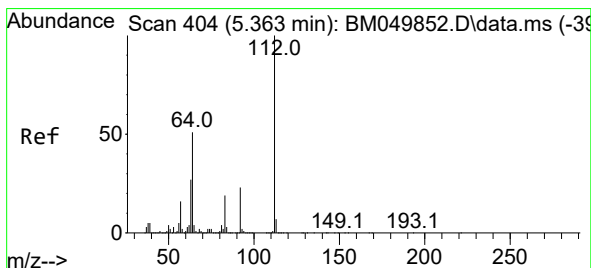
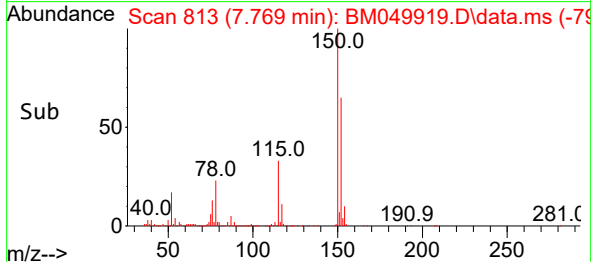
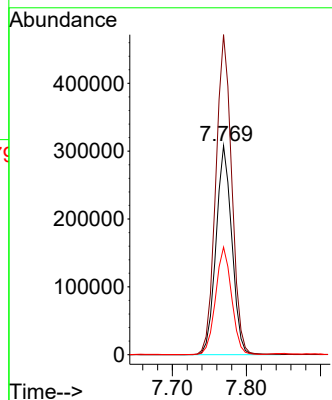
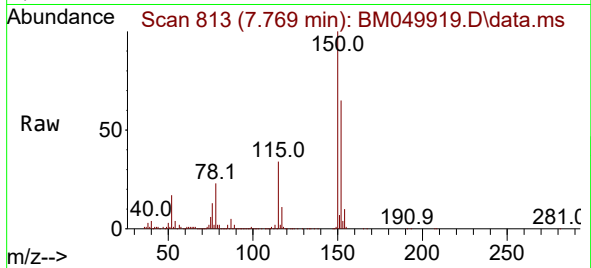




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

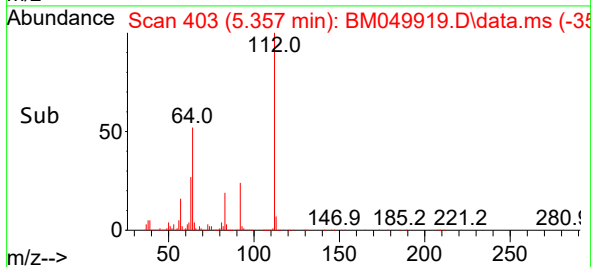
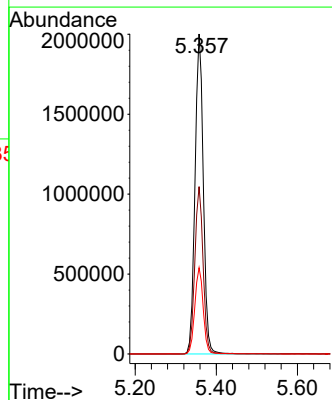
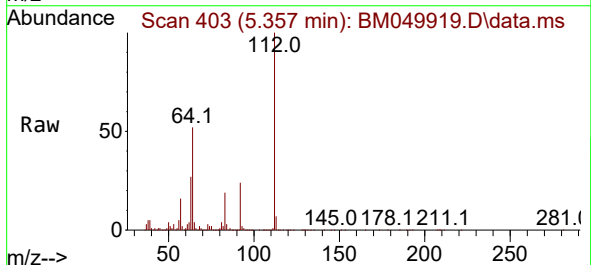
Instrument :
BNA_M
ClientSampleId :
TP-23

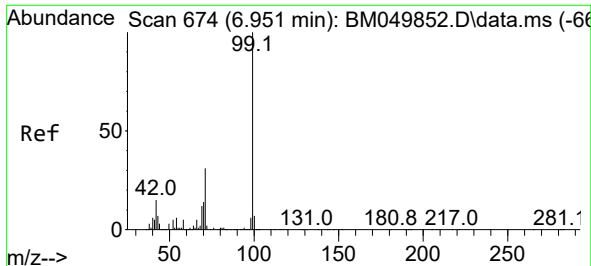
Tgt Ion:152 Resp: 455798
Ion Ratio Lower Upper
152 100
150 153.1 124.3 186.5
115 51.4 41.1 61.7



#5
2-Fluorophenol
Concen: 106.985 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

Tgt Ion:112 Resp: 2871697
Ion Ratio Lower Upper
112 100
64 52.3 41.0 61.6
63 26.9 21.5 32.3



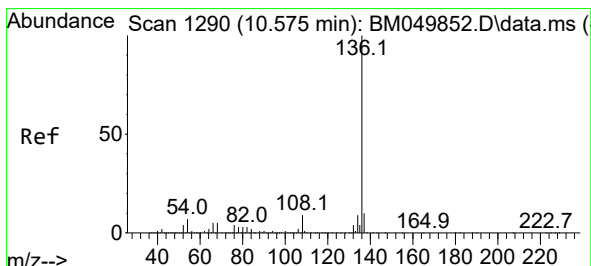
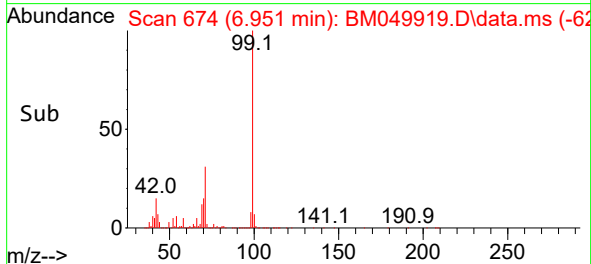
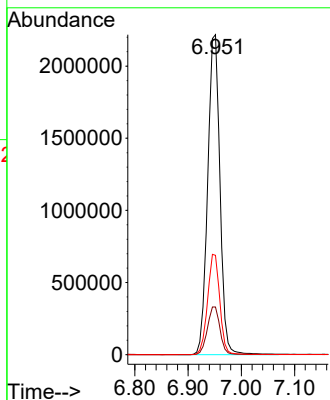
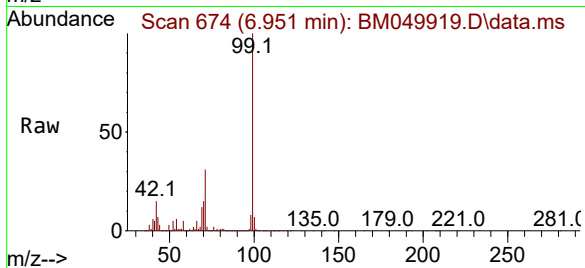


#7
Phenol-d6
Concen: 106.505 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

Instrument :
BNA_M
ClientSampleId :
TP-23

Tgt Ion: 99 Resp: 3556897

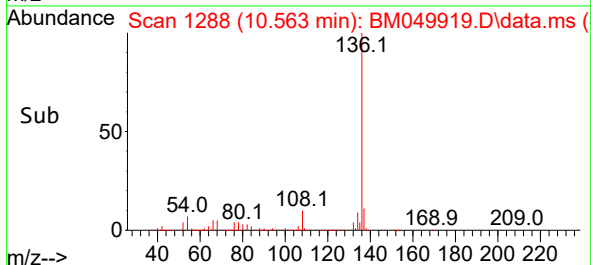
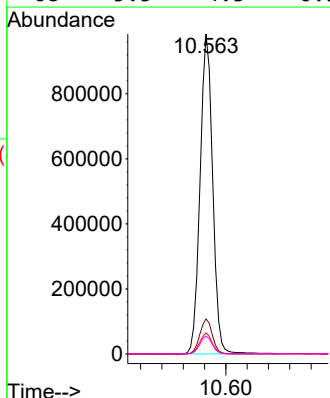
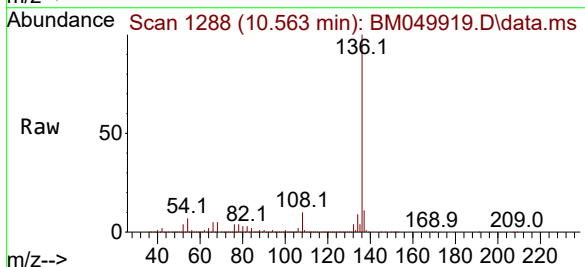
Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.1	18.1
71	31.1	24.9	37.3

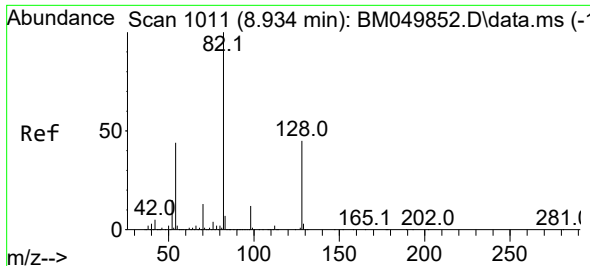


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

Tgt Ion: 136 Resp: 1614875

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.5	5.3	7.9
68	5.5	4.3	6.5

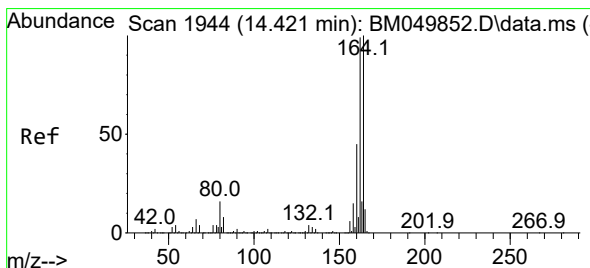
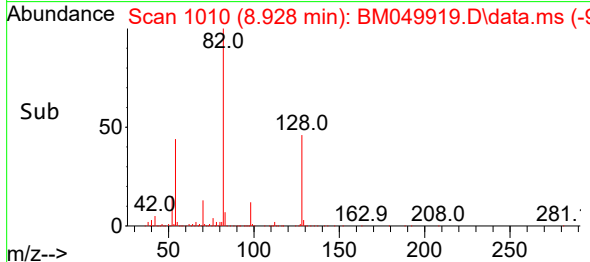
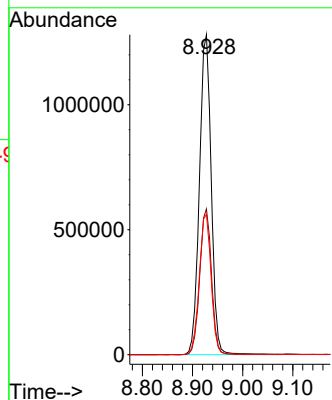
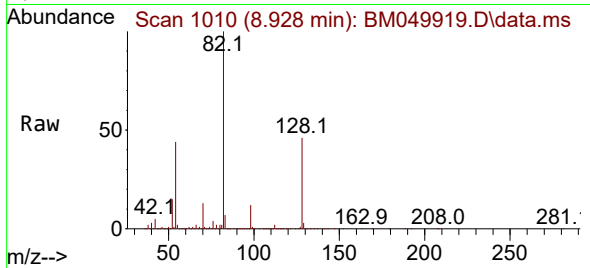




#23
Nitrobenzene-d5
Concen: 72.151 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

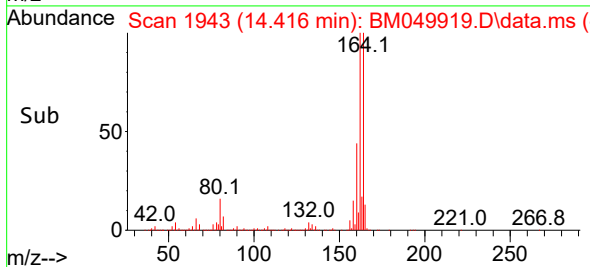
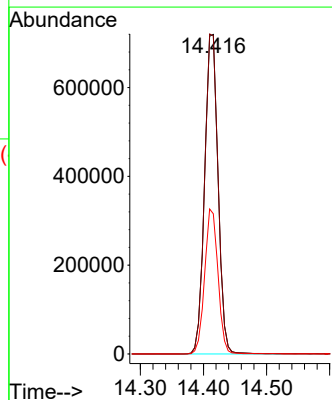
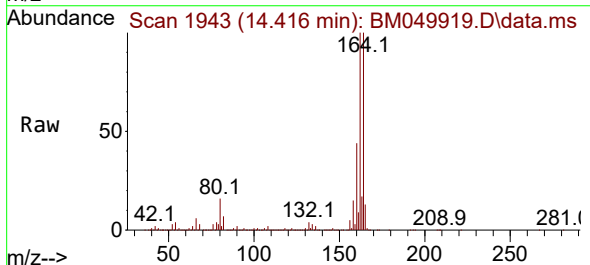
Instrument :
BNA_M
ClientSampleId :
TP-23

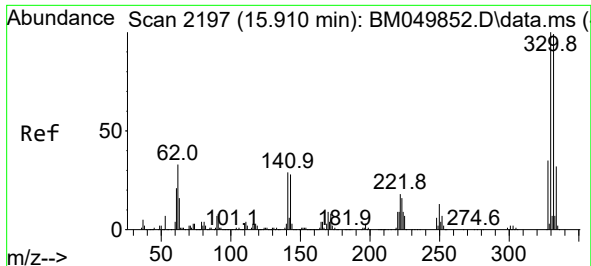
Tgt Ion: 82 Resp: 2092390
Ion Ratio Lower Upper
82 100
128 45.6 36.2 54.2
54 43.9 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049919.D
Acq: 14 Apr 2025 18:27

Tgt Ion:164 Resp: 1066666
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 43.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 114.929 ng

RT: 15.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049919.D

Acq: 14 Apr 2025 18:27

Instrument :

BNA_M

ClientSampleId :

TP-23

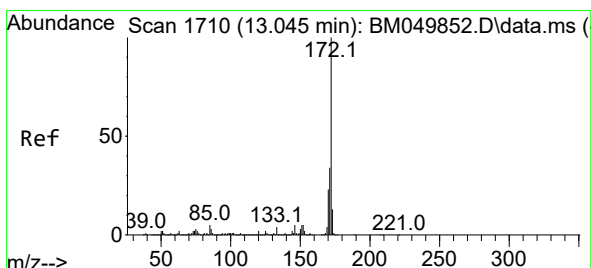
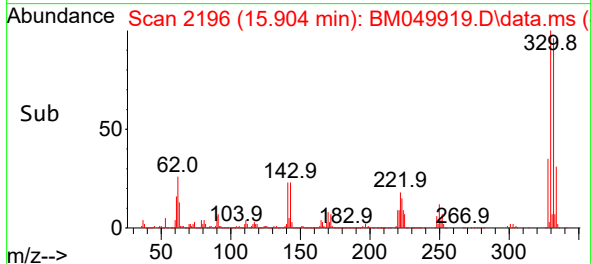
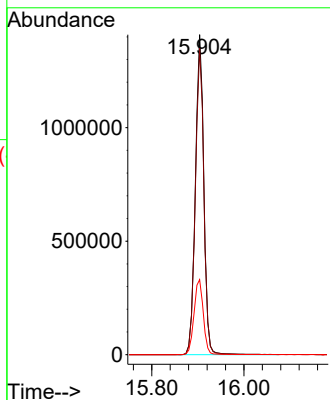
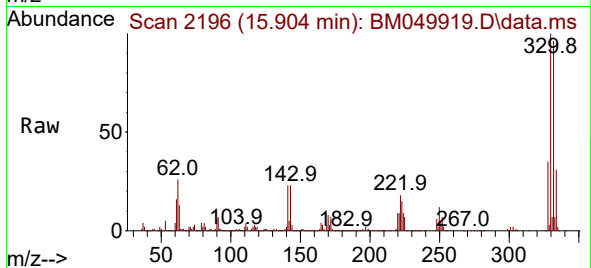
Tgt Ion:330 Resp: 1783127

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 26.0 23.5 35.3



#45

2-Fluorobiphenyl

Concen: 68.772 ng

RT: 13.033 min Scan# 1708

Delta R.T. -0.012 min

Lab File: BM049919.D

Acq: 14 Apr 2025 18:27

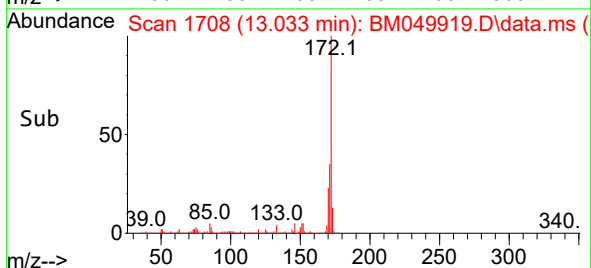
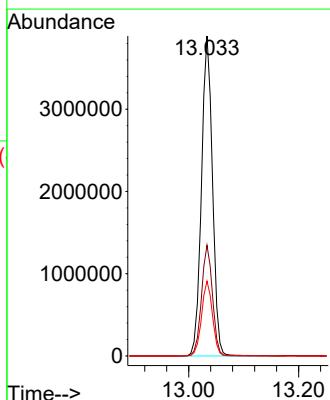
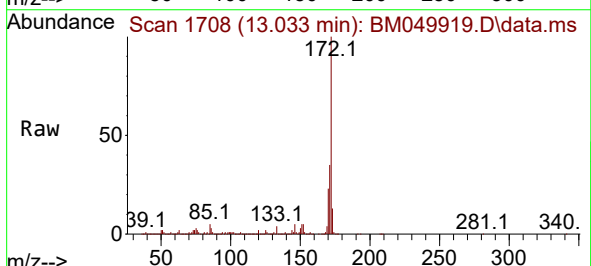
Tgt Ion:172 Resp: 5409747

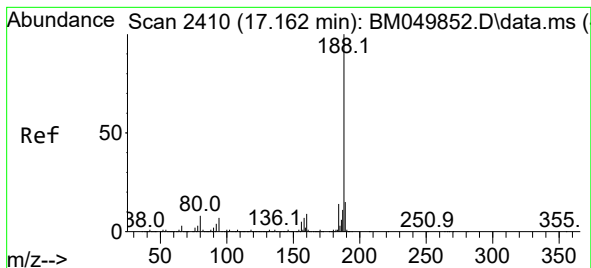
Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.2

170 23.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BM049919.D

Acq: 14 Apr 2025 18:27

Instrument :

BNA_M

ClientSampleId :

TP-23

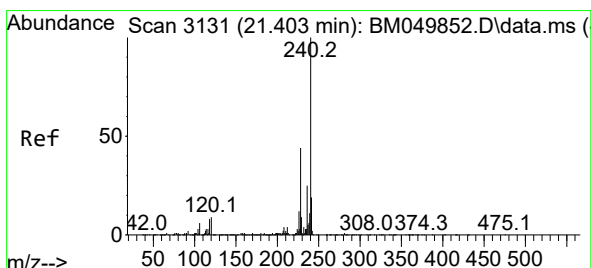
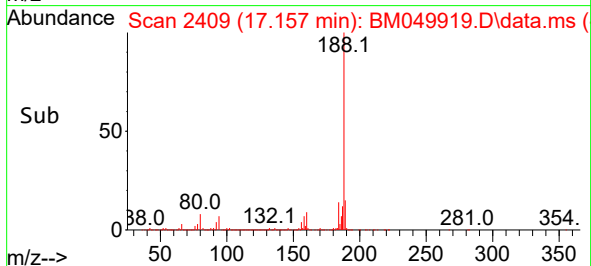
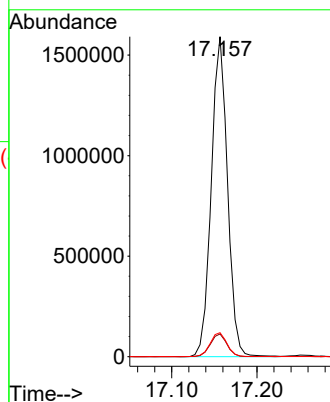
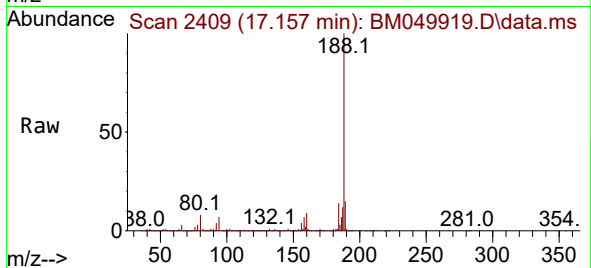
Tgt Ion:188 Resp: 2108834

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.6

80 7.5 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BM049919.D

Acq: 14 Apr 2025 18:27

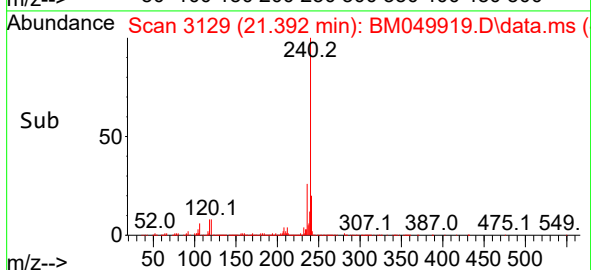
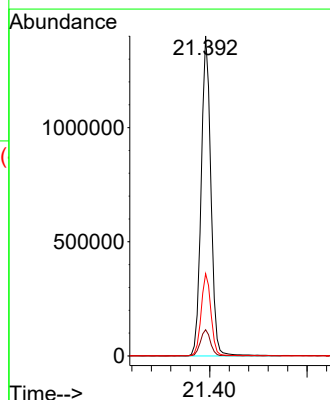
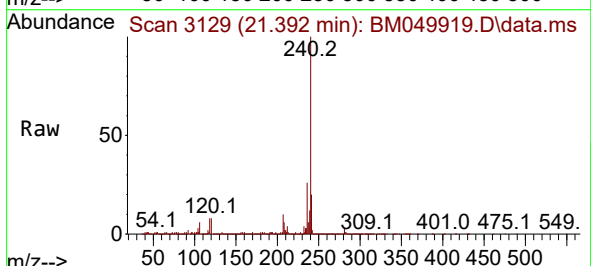
Tgt Ion:240 Resp: 1944393

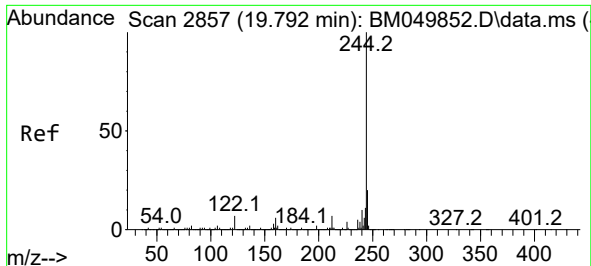
Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 25.7 20.4 30.6

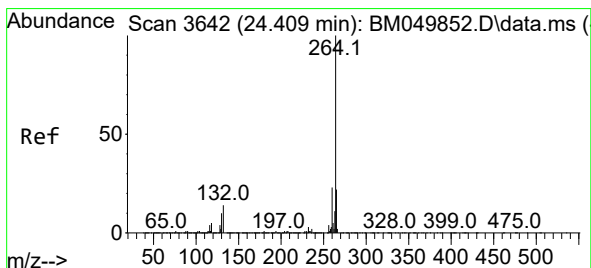
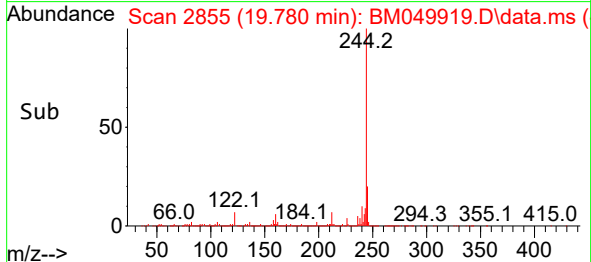
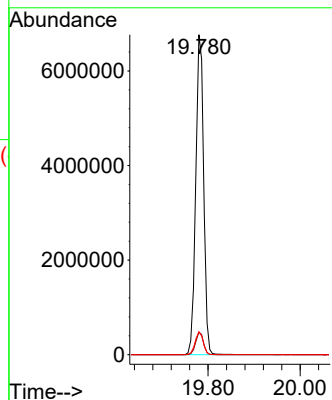
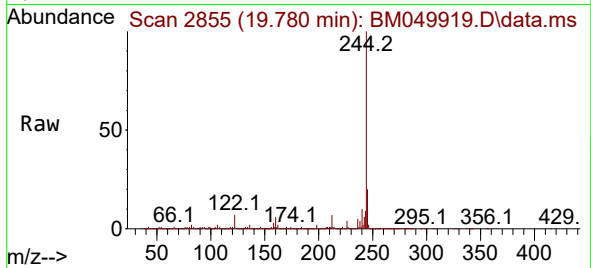




#79
 Terphenyl-d14
 Concen: 77.305 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049919.D
 Acq: 14 Apr 2025 18:27

Instrument :
 BNA_M
 ClientSampleId :
 TP-23

Tgt Ion:244 Resp: 8020704
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 7.2 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.386 min Scan# 3638
 Delta R.T. -0.023 min
 Lab File: BM049919.D
 Acq: 14 Apr 2025 18:27

Tgt Ion:264 Resp: 1784527
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.8 17.8 26.8

