

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
 Data File : BM049896.D
 Acq On : 11 Apr 2025 11:41
 Operator : RC/JU
 Sample : Q1761-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GST3

Quant Time: Apr 11 12:44:04 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	7.775	152	361301	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1222544	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	753026	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1392087	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1231616	20.000	ng	0.00
86) Perylene-d12	24.391	264	1380929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2564472	120.527	ng	0.00
7) Phenol-d6	6.951	99	3187163	120.395	ng	0.00
23) Nitrobenzene-d5	8.934	82	1827974	83.262	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1455551	132.890	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	4657836	83.876	ng	0.00
79) Terphenyl-d14	19.786	244	6278461	95.534	ng	0.00

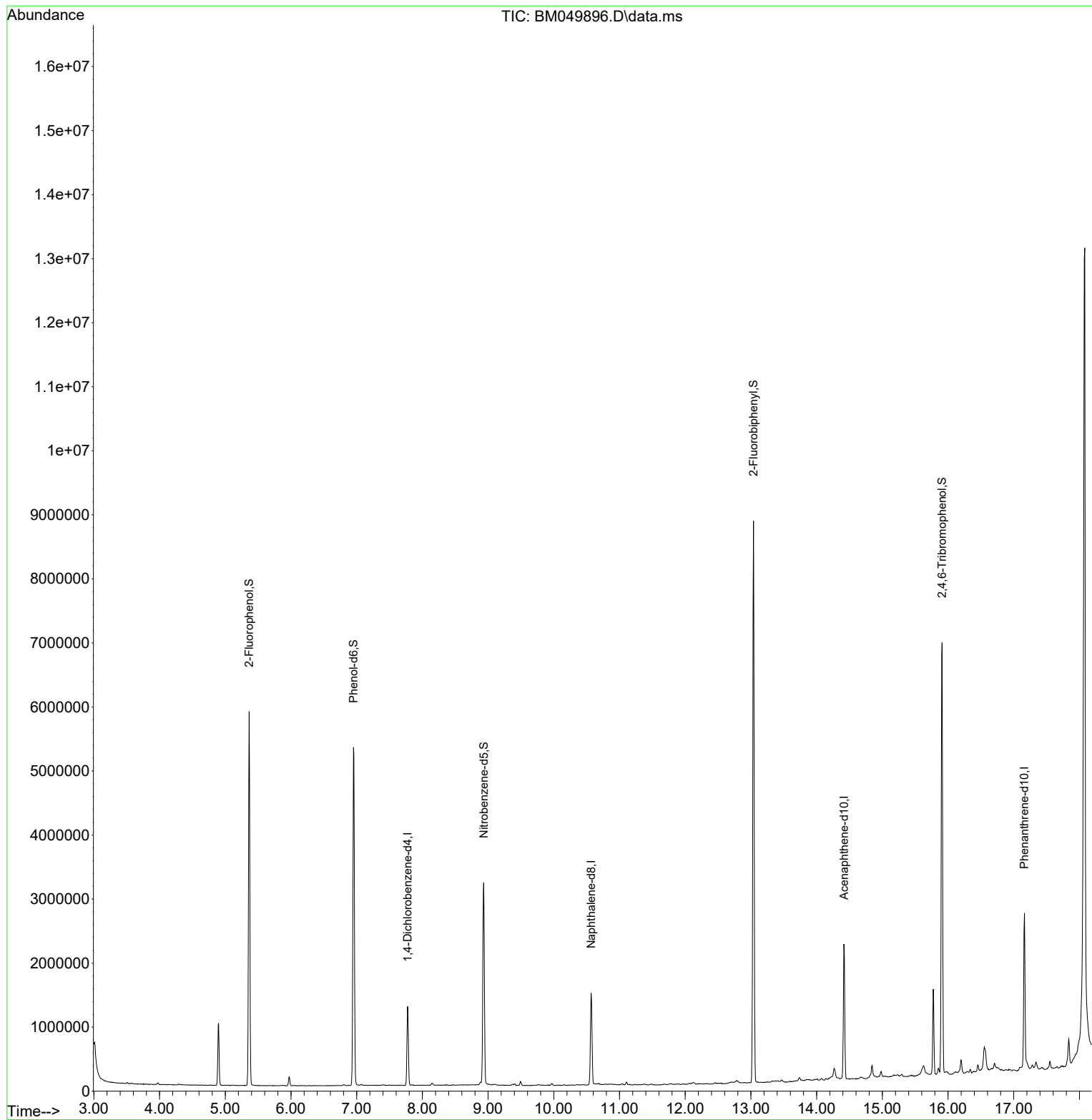
Target Compounds	Qvalue

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

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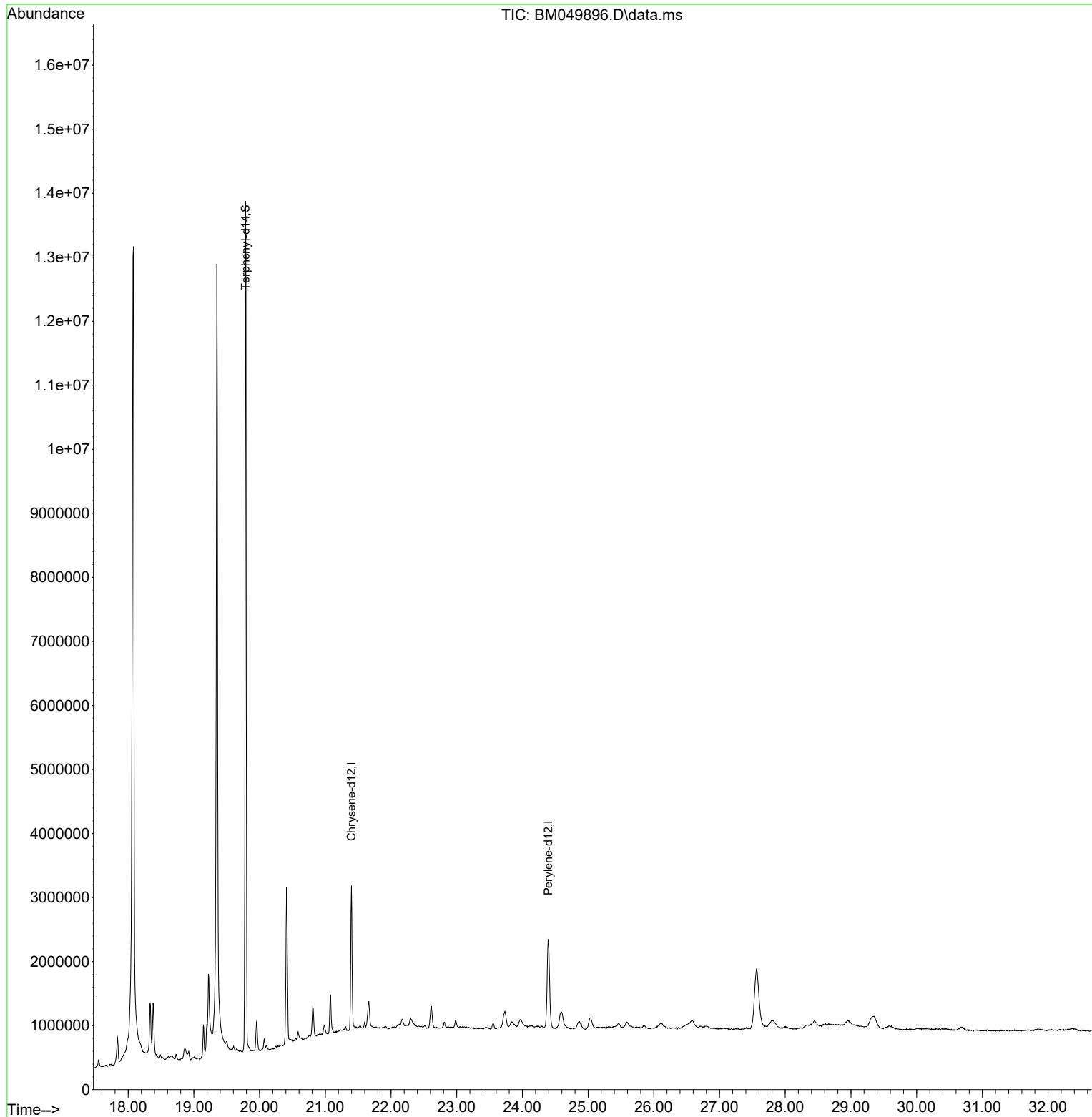
Quant Time: Apr 11 12:44:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
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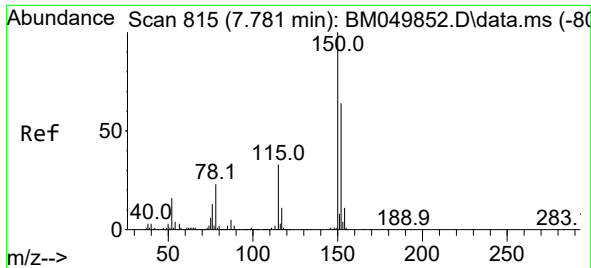


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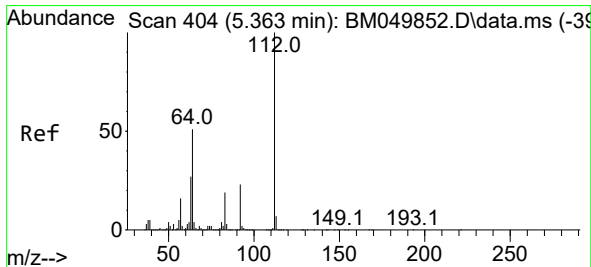
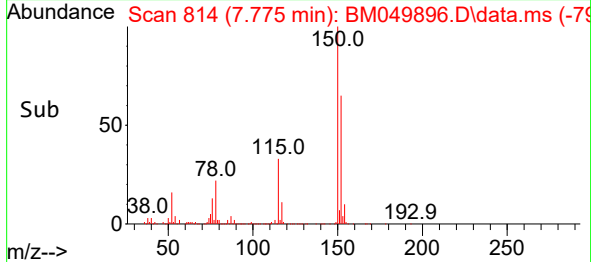
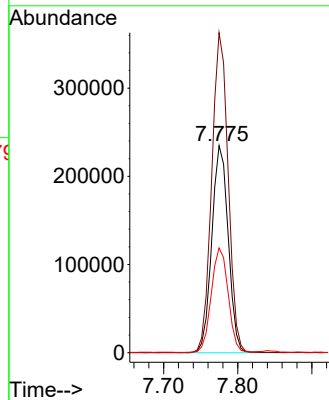
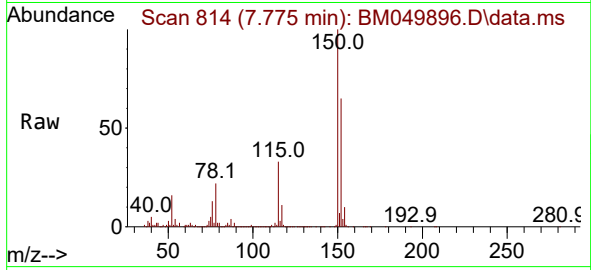




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

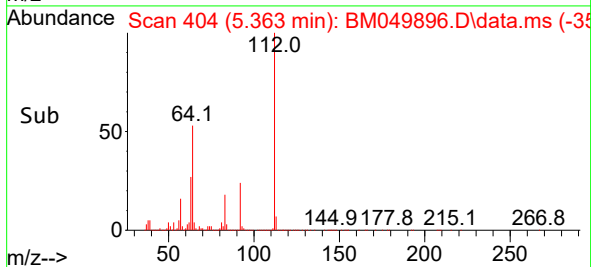
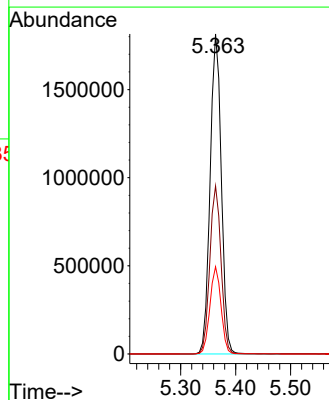
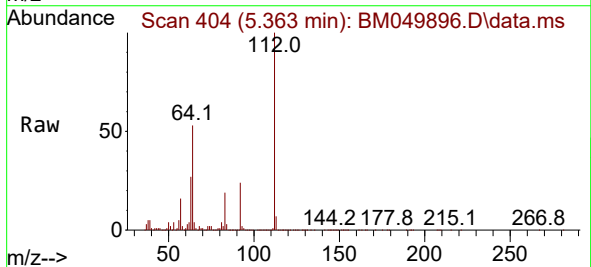
Instrument :
BNA_M
ClientSampleId :
GST3

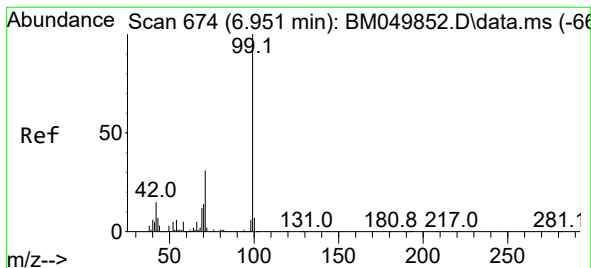
Tgt Ion:152 Resp: 361301
Ion Ratio Lower Upper
152 100
150 154.6 124.3 186.5
115 50.6 41.1 61.7



#5
2-Fluorophenol
Concen: 120.527 ng
RT: 5.363 min Scan# 404
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:112 Resp: 2564472
Ion Ratio Lower Upper
112 100
64 52.5 41.0 61.6
63 27.3 21.5 32.3





#7

Phenol-d6

Concen: 120.395 ng

RT: 6.951 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM049896.D

Acq: 11 Apr 2025 11:41

Instrument :

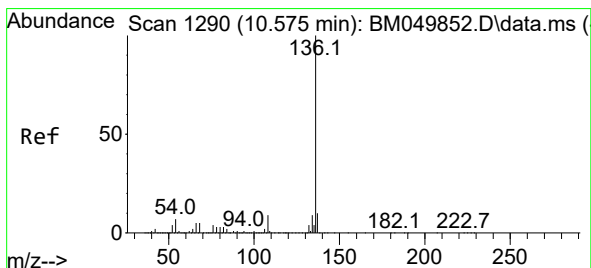
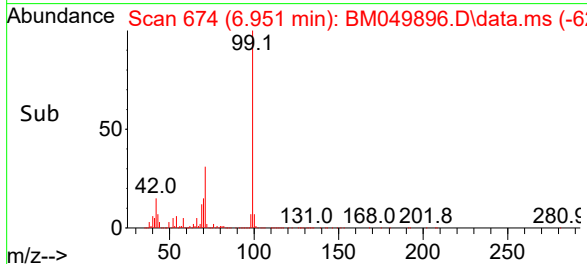
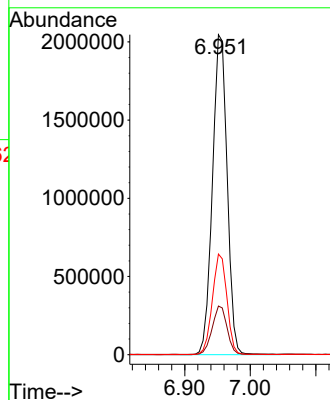
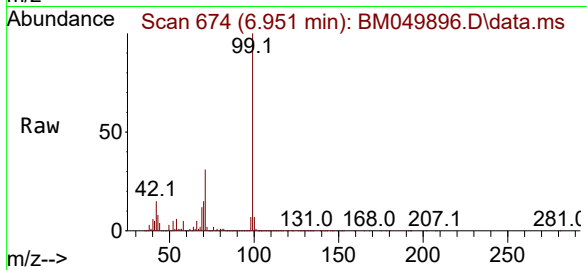
BNA_M

ClientSampleId :

GST3

Tgt Ion: 99 Resp: 3187163

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.1	18.1
71	31.4	24.9	37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.569 min Scan# 1289

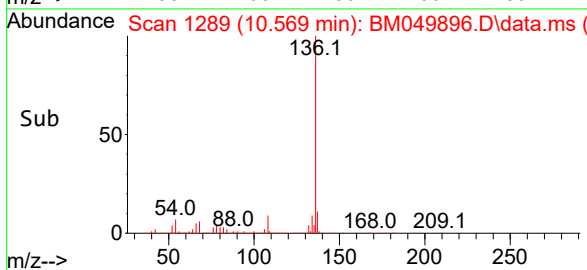
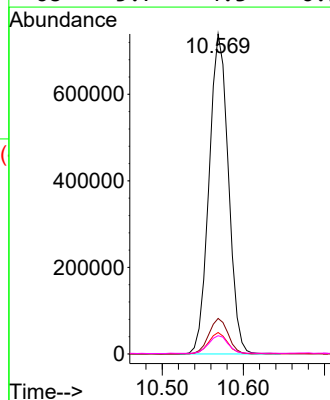
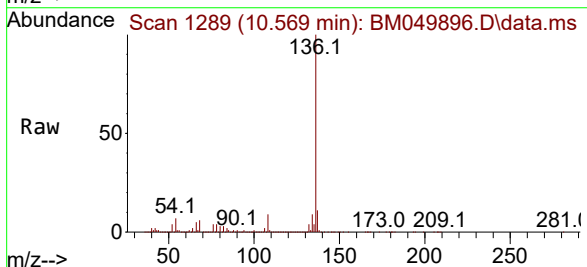
Delta R.T. -0.006 min

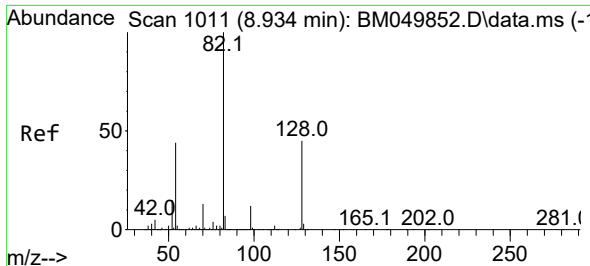
Lab File: BM049896.D

Acq: 11 Apr 2025 11:41

Tgt Ion:136 Resp: 1222544

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.7	5.3	7.9
68	5.7	4.3	6.5



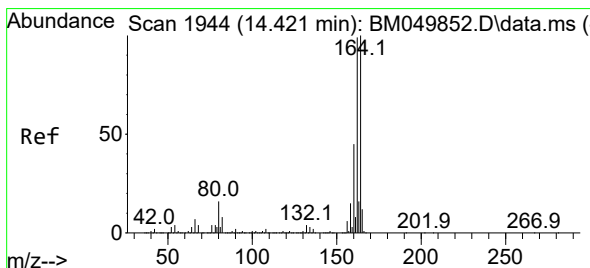
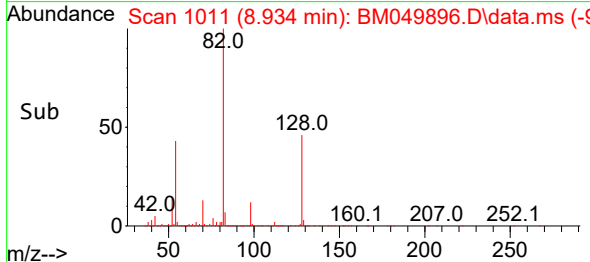
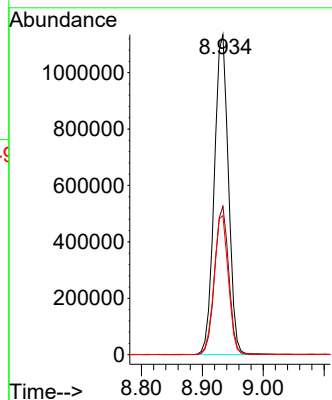
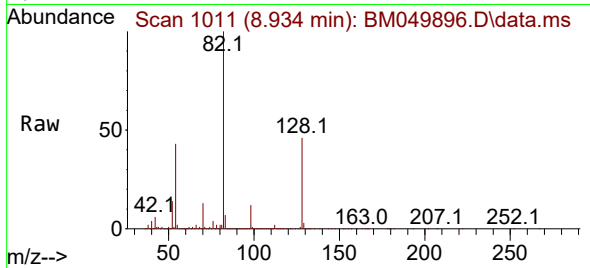


#23
 Nitrobenzene-d5
 Concen: 83.262 ng
 RT: 8.934 min Scan# 1011
 Delta R.T. 0.000 min
 Lab File: BM049896.D
 Acq: 11 Apr 2025 11:41

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion: 82 Resp: 1827974

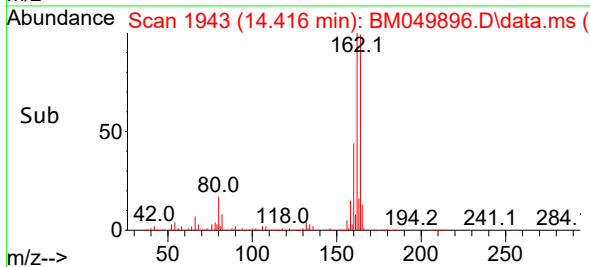
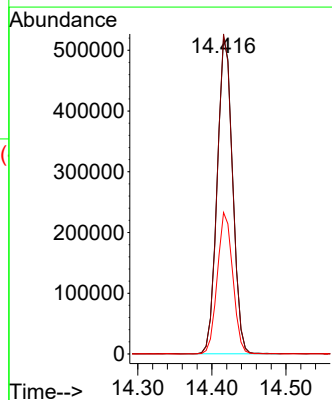
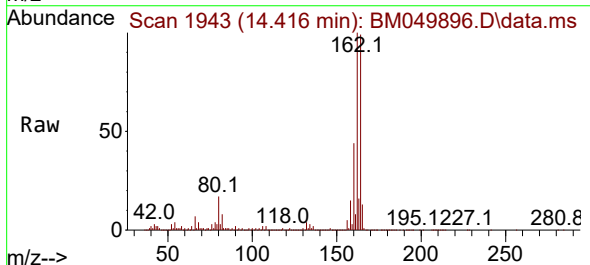
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.2	54.2
54	43.5	35.0	52.6

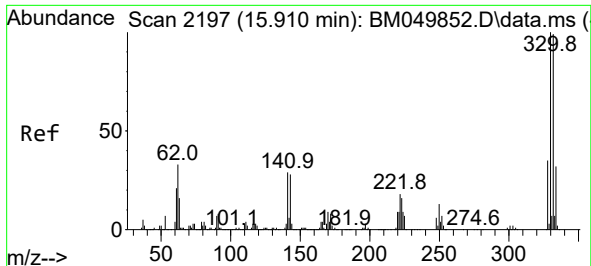


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.416 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: BM049896.D
 Acq: 11 Apr 2025 11:41

Tgt Ion:164 Resp: 753026

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.4	119.0
160	44.7	36.2	54.2

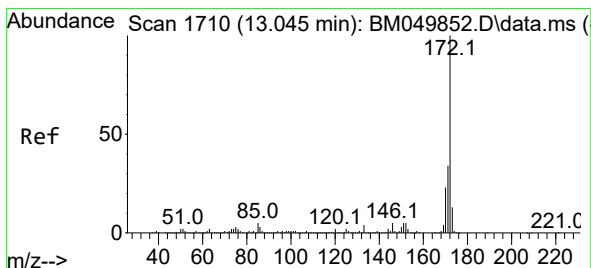
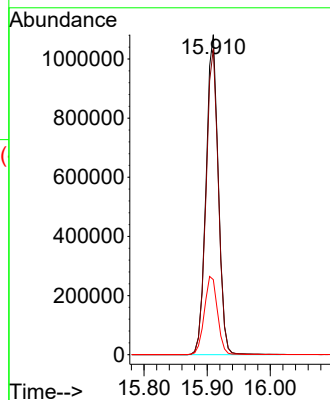
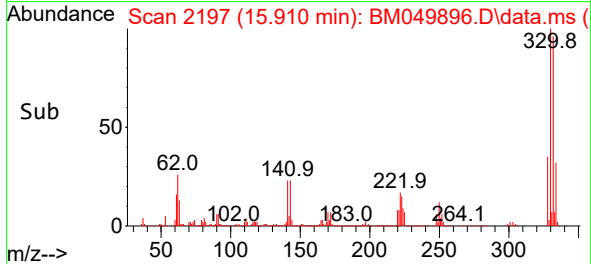
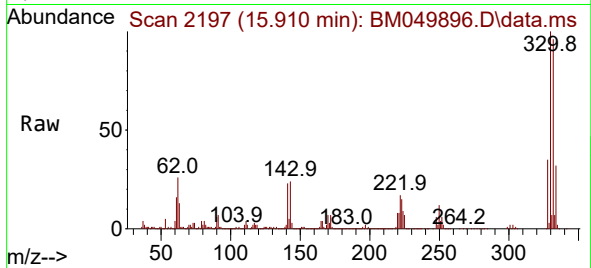




#42
2,4,6-Tribromophenol
Concen: 132.890 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

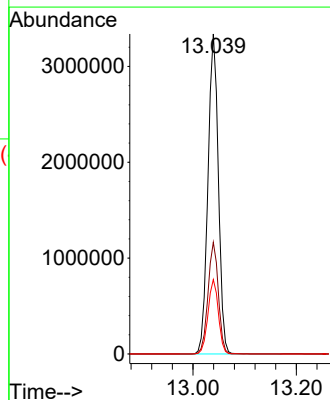
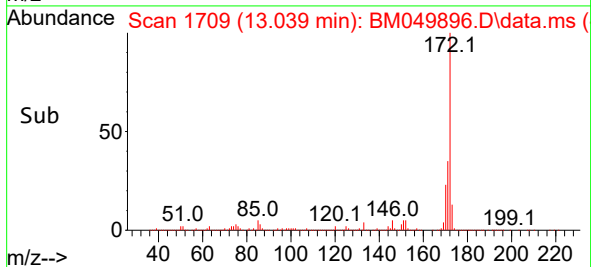
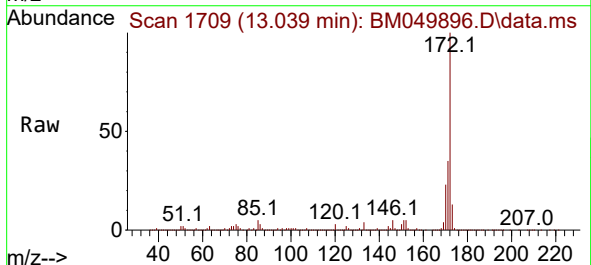
Instrument :
BNA_M
ClientSampleId :
GST3

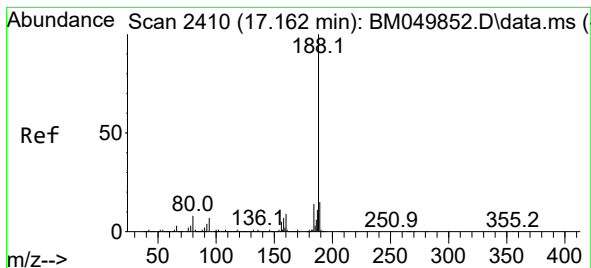
Tgt Ion:330 Resp: 1455551
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 26.1 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 83.876 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:172 Resp: 4657836
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.2
170 23.3 18.6 28.0

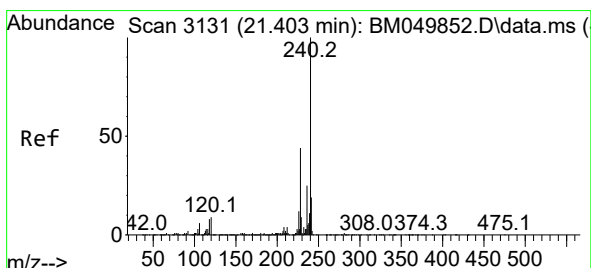
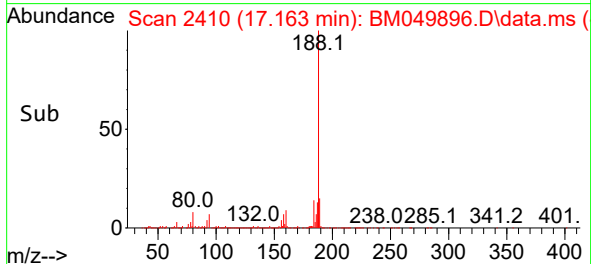
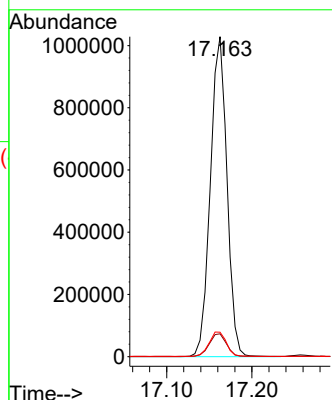
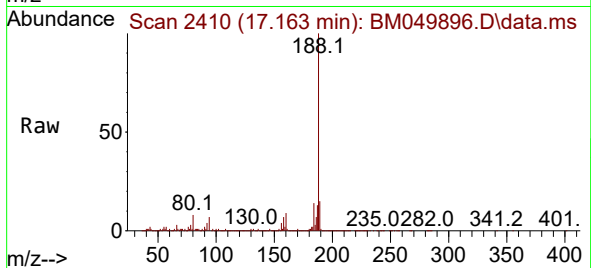




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

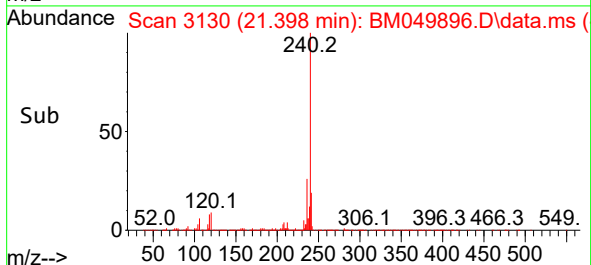
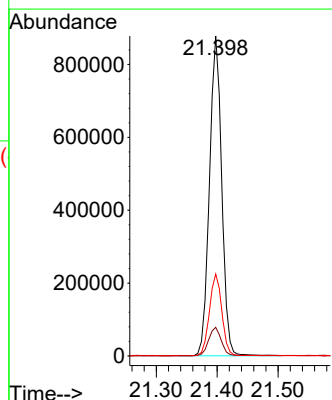
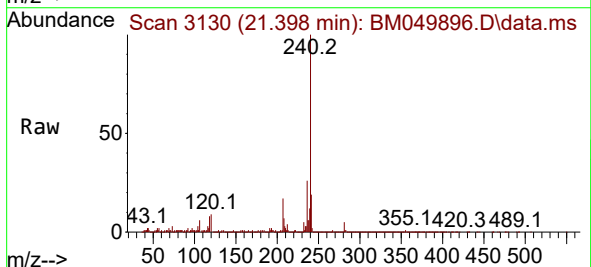
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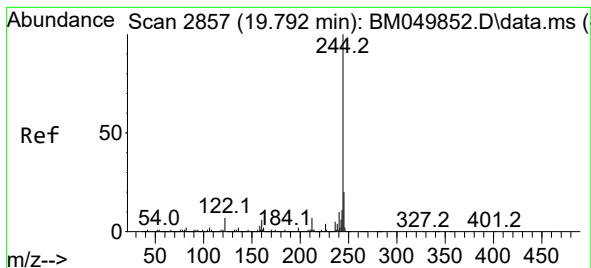
Tgt Ion:188 Resp: 1392087
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.7 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BM049896.D
Acq: 11 Apr 2025 11:41

Tgt Ion:240 Resp: 1231616
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 95.534 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049896.D

Acq: 11 Apr 2025 11:41

Instrument :

BNA_M

ClientSampleId :

GST3

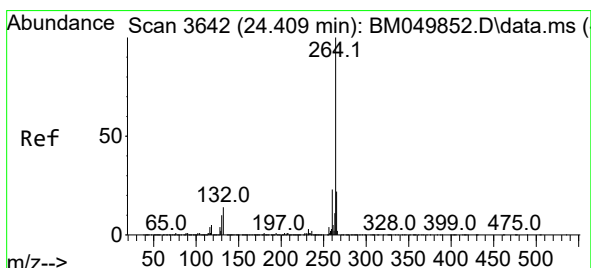
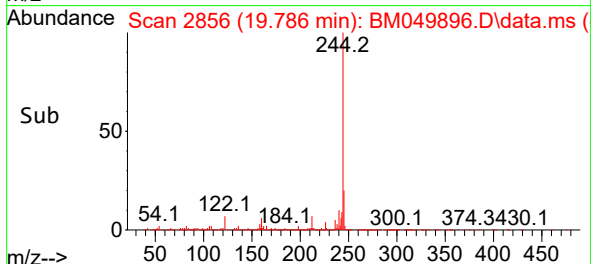
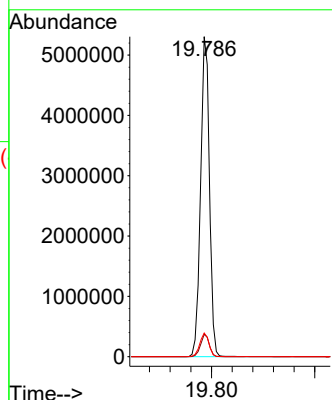
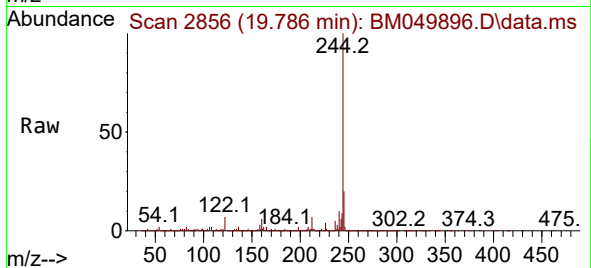
Tgt Ion:244 Resp: 6278461

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 7.4 5.4 8.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049896.D

Acq: 11 Apr 2025 11:41

Tgt Ion:264 Resp: 1380929

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 22.4 17.8 26.8

