

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040125\
 Data File : BM049768.D
 Acq On : 01 Apr 2025 10:57
 Operator : RC/JU
 Sample : PB167400BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167400BL

Quant Time: Apr 01 12:04:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 14:55:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	337212	20.000	ng	-0.01
21) Naphthalene-d8	10.586	136	1211755	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	768913	20.000	ng	-0.01
64) Phenanthrene-d10	17.174	188	1403643	20.000	ng	-0.01
76) Chrysene-d12	21.409	240	864165	20.000	ng	-0.02
86) Perylene-d12	24.409	264	696064	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3880609	194.176	ng	0.00
7) Phenol-d6	6.969	99	4815124	191.990	ng	-0.01
23) Nitrobenzene-d5	8.951	82	2808246	118.985	ng	-0.01
42) 2,4,6-Tribromophenol	15.921	330	1872918	208.598	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	7349467	119.706	ng	-0.01
79) Terphenyl-d14	19.803	244	9262687	180.622	ng	0.00

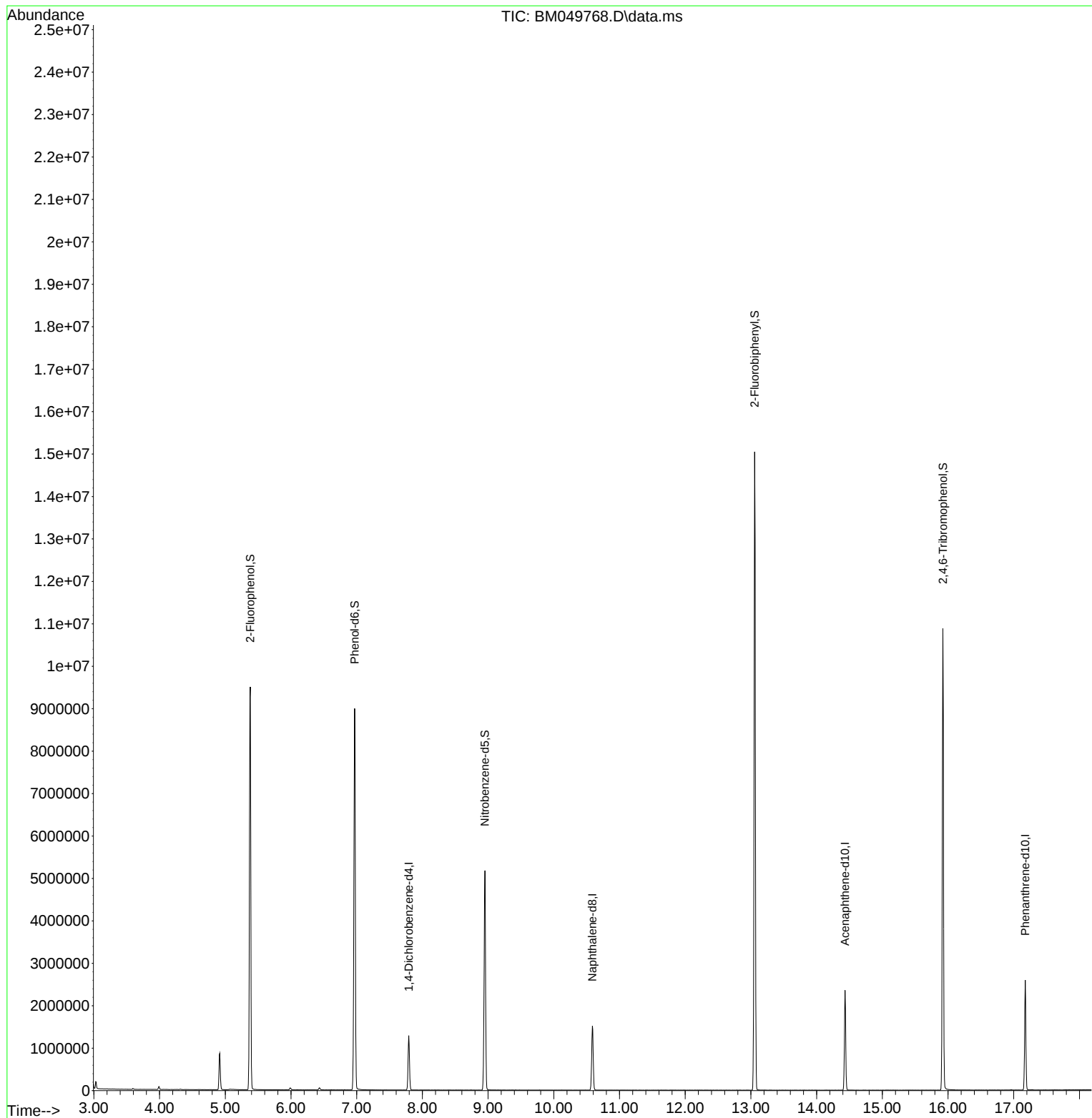
Target Compounds	Qvalue

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

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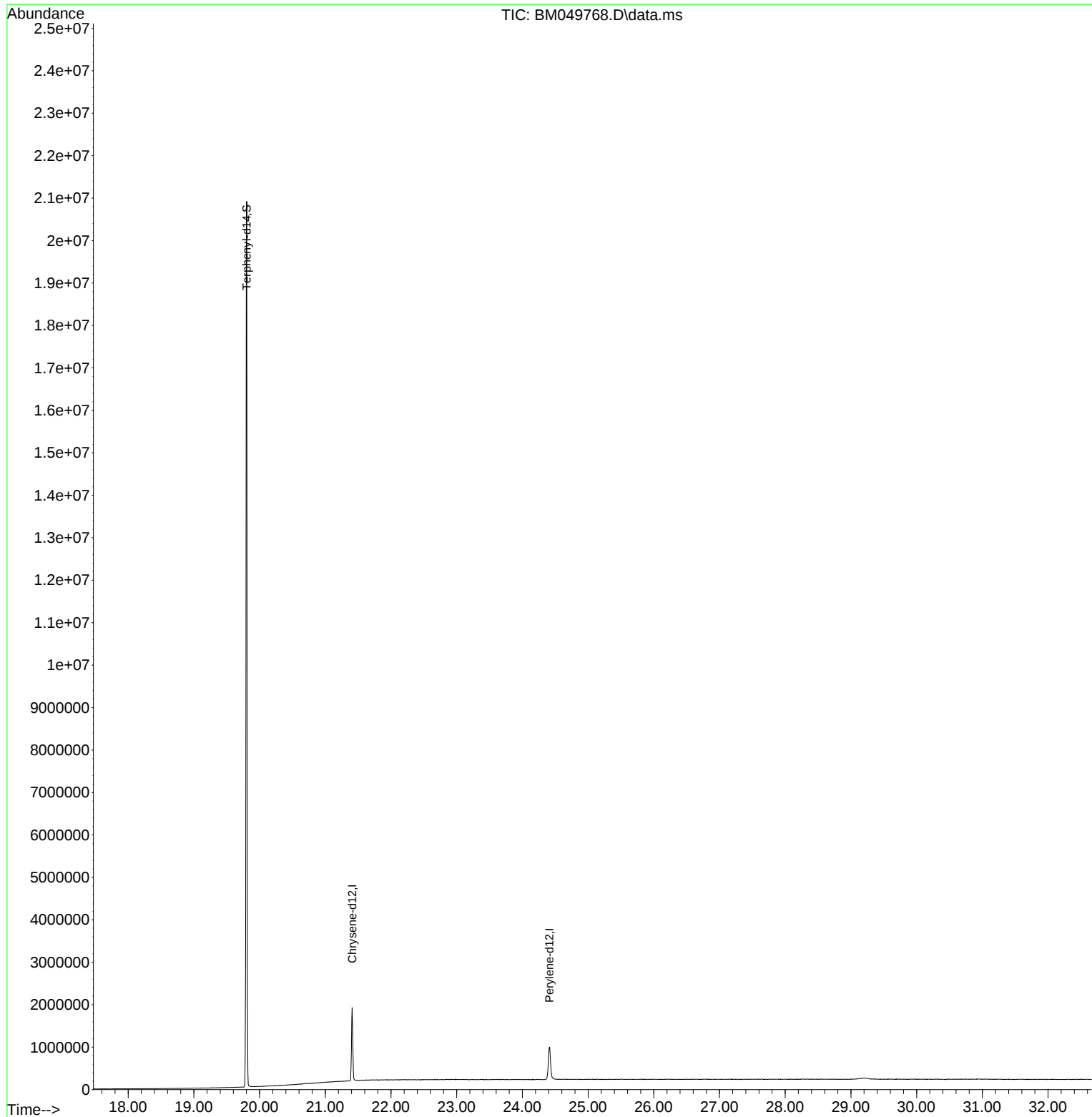
Quant Time: Apr 01 12:04:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
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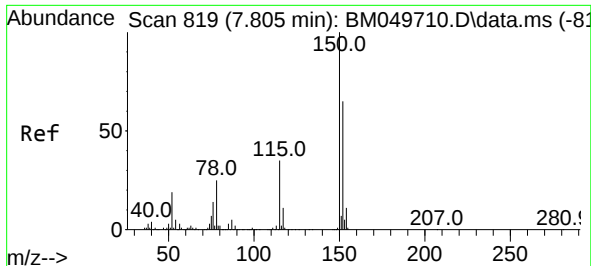


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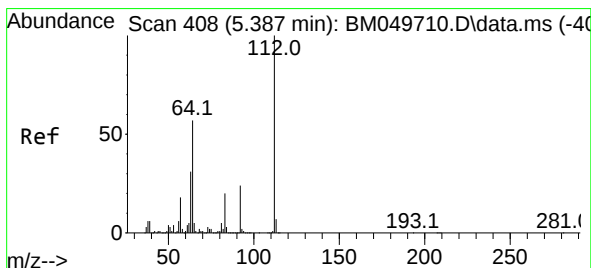
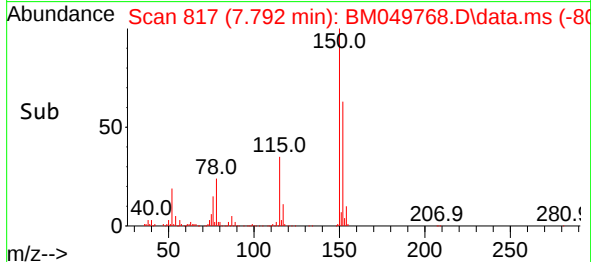
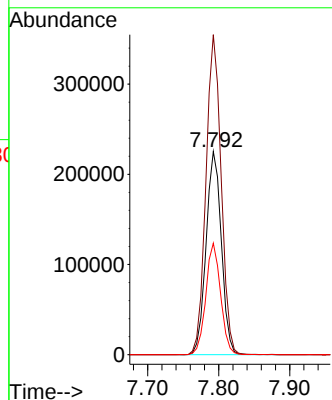
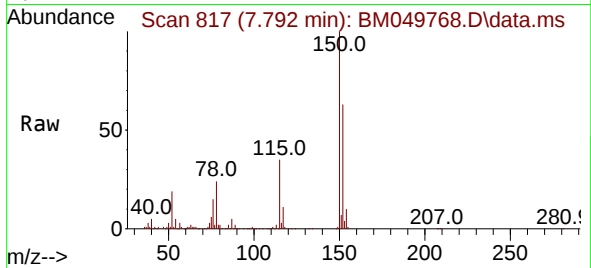




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 819
Delta R.T. -0.013 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

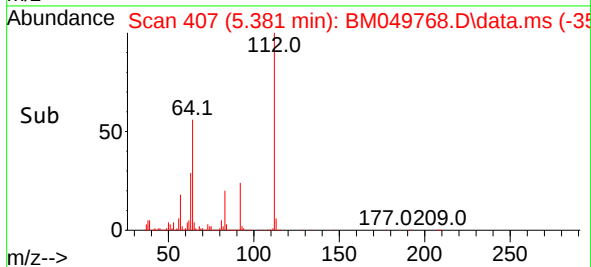
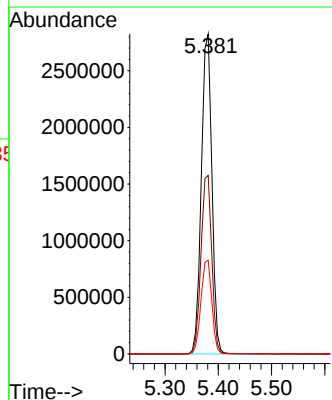
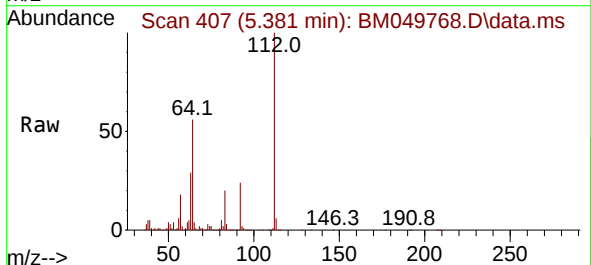
Instrument :
BNA_M
ClientSampleId :
PB167400BL

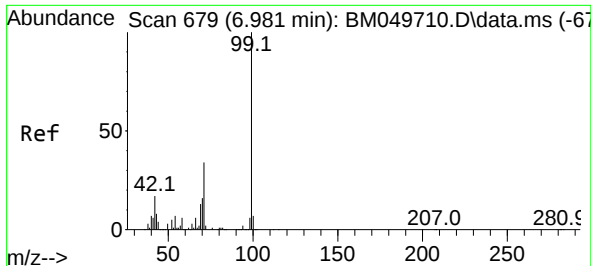
Tgt Ion:152 Resp: 337212
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.8
115 54.9 43.0 64.6



#5
2-Fluorophenol
Concen: 194.176 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

Tgt Ion:112 Resp: 3880609
Ion Ratio Lower Upper
112 100
64 55.8 45.3 67.9
63 29.3 24.4 36.6



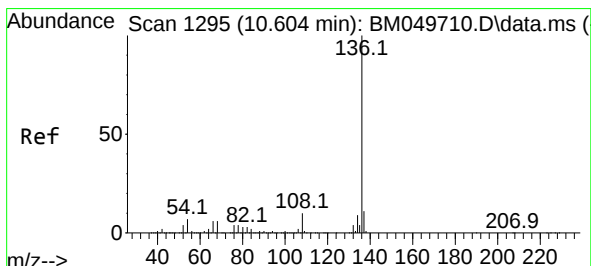
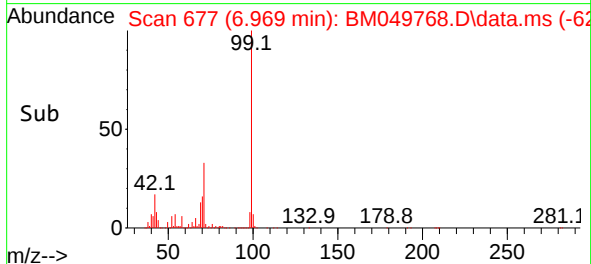
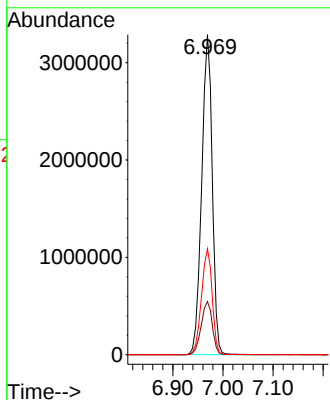
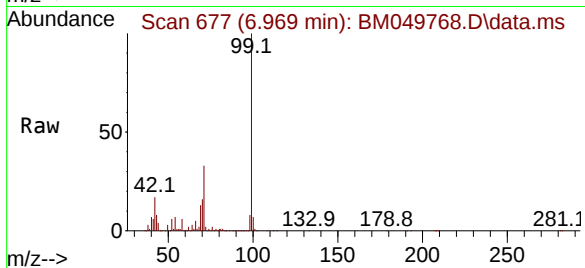


#7
Phenol-d6
Concen: 191.990 ng
RT: 6.969 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

Instrument :
BNA_M
ClientSampleId :
PB167400BL

Tgt Ion: 99 Resp: 4815124

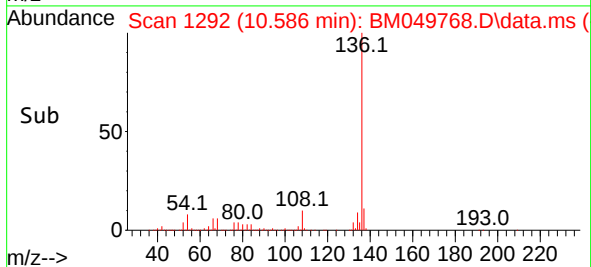
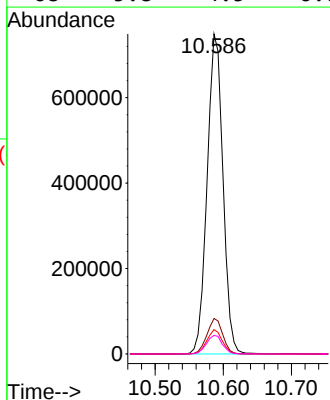
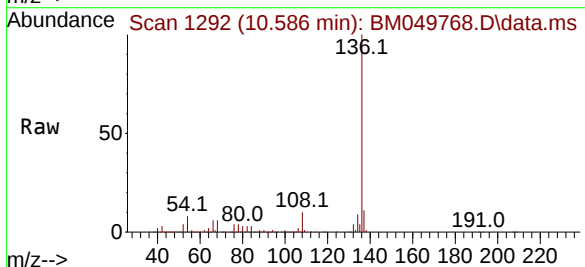
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	33.1	27.0	40.6

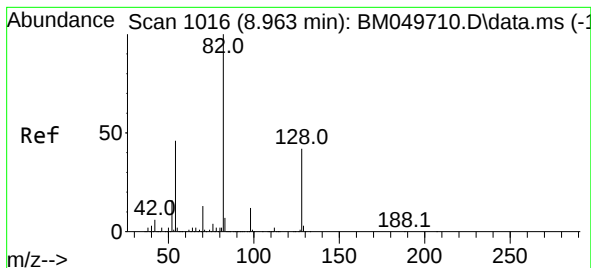


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.586 min Scan# 1292
Delta R.T. -0.018 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

Tgt Ion: 136 Resp: 1211755

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.6	5.8	8.8
68	5.8	4.5	6.7





#23

Nitrobenzene-d5

Concen: 118.985 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BM049768.D

Acq: 01 Apr 2025 10:57

Instrument :

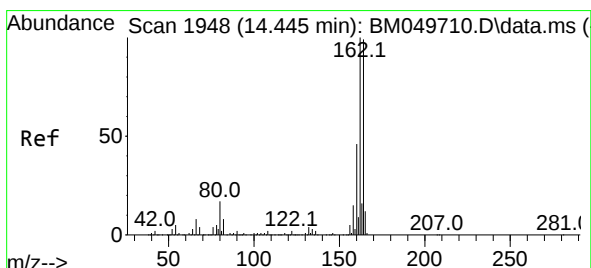
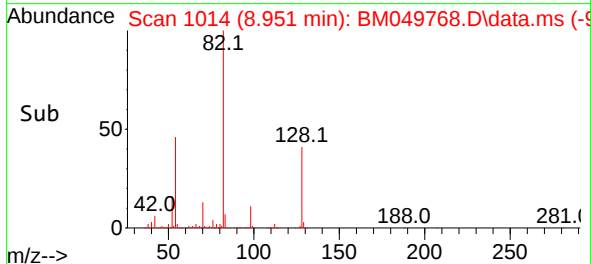
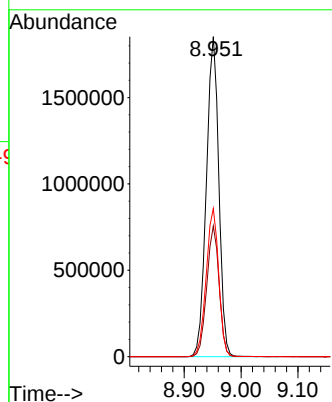
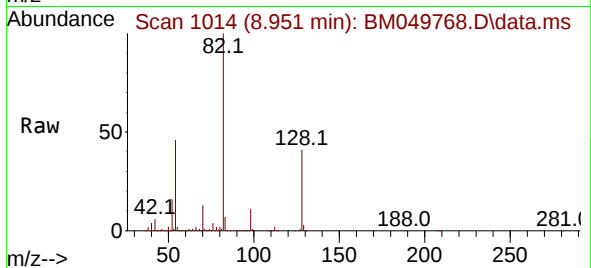
BNA_M

ClientSampleId :

PB167400BL

Tgt Ion: 82 Resp: 2808246

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.0
54	46.3	36.4	54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.433 min Scan# 1946

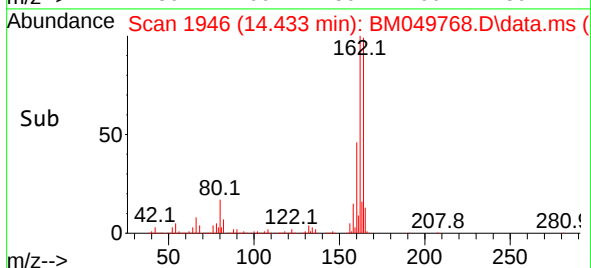
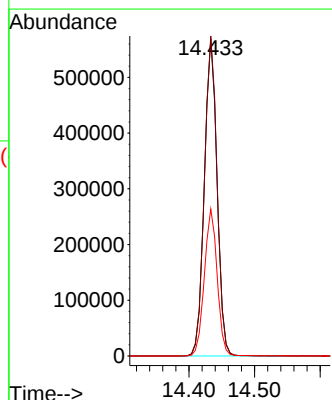
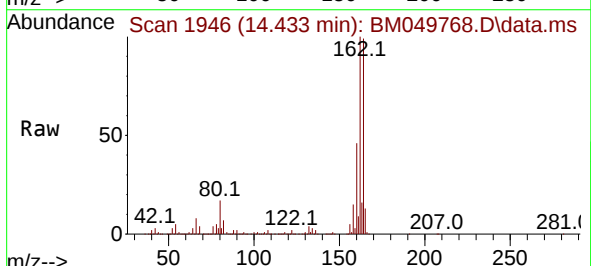
Delta R.T. -0.012 min

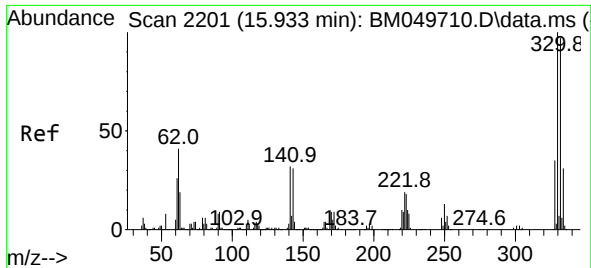
Lab File: BM049768.D

Acq: 01 Apr 2025 10:57

Tgt Ion:164 Resp: 768913

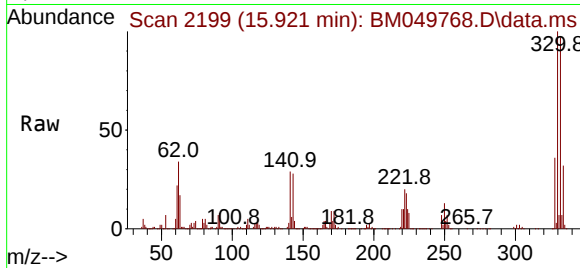
Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.5	120.7
160	46.3	36.9	55.3



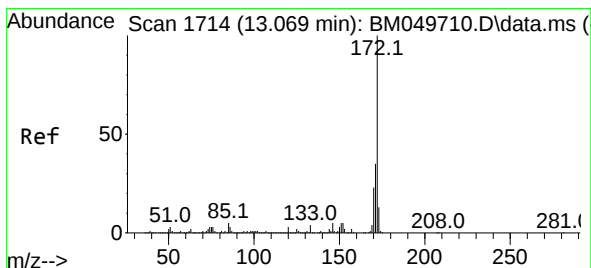
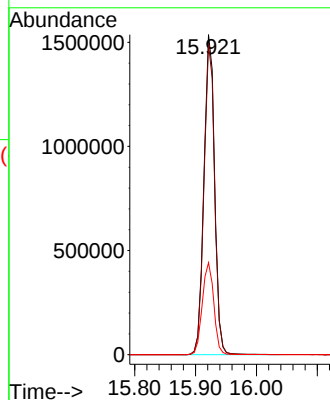
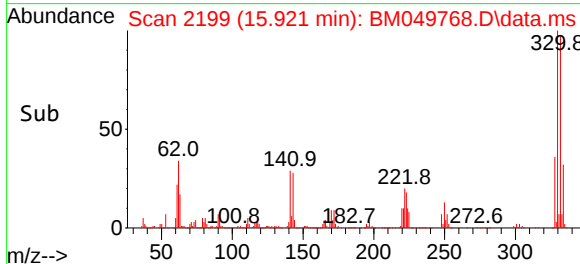


#42
2,4,6-Tribromophenol
Concen: 208.598 ng
RT: 15.921 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

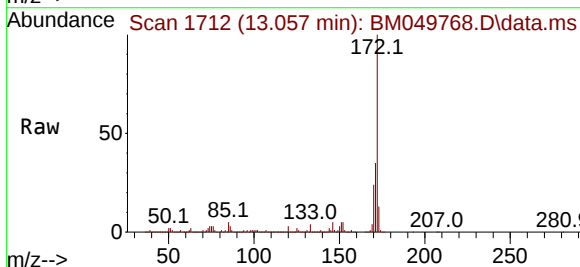
Instrument :
BNA_M
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PB167400BL



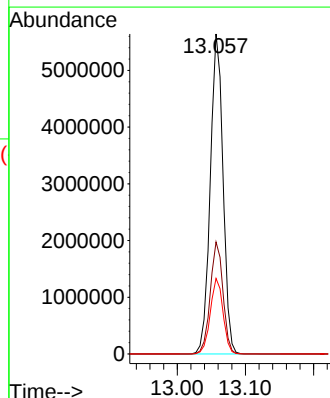
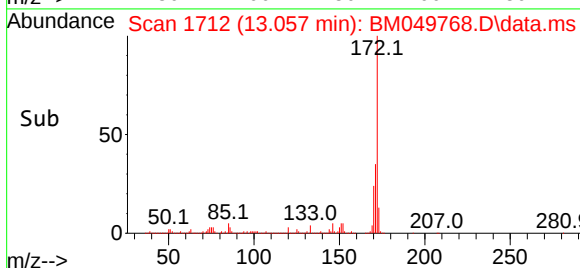
Tgt Ion:330 Resp: 1872918
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 30.9 27.8 41.6

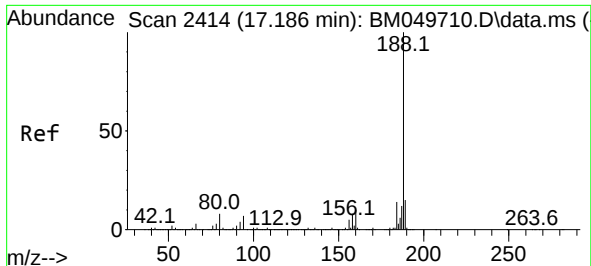


#45
2-Fluorobiphenyl
Concen: 119.706 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57



Tgt Ion:172 Resp: 7349467
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.6 18.6 28.0

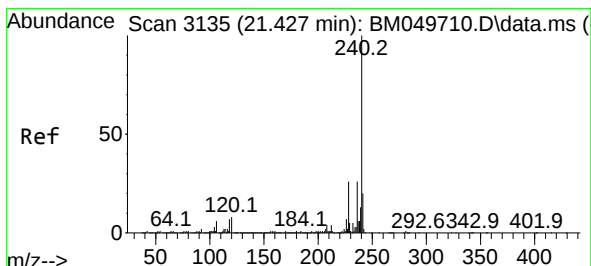
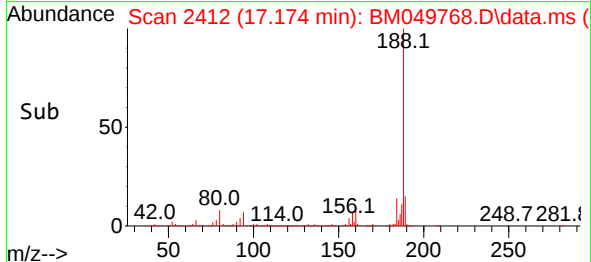
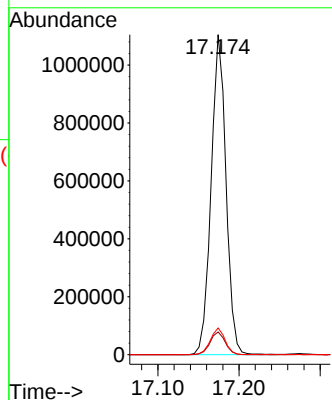
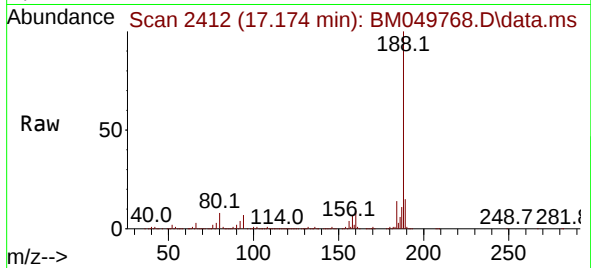




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2414
Delta R.T. -0.012 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

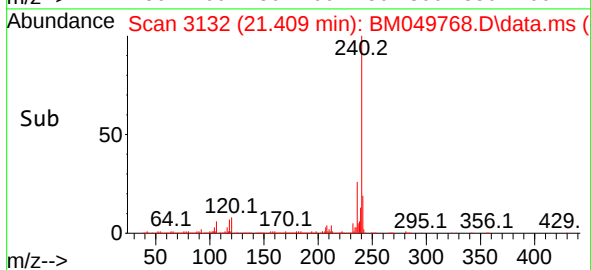
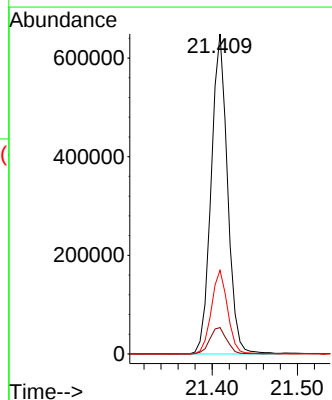
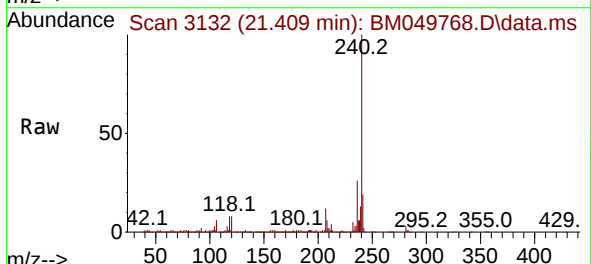
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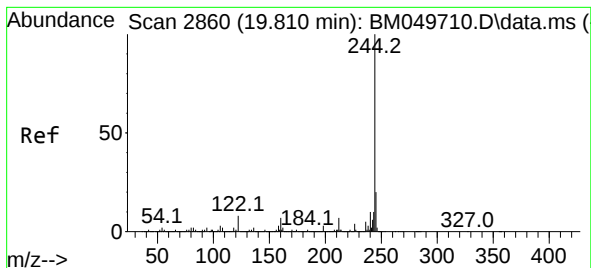
Tgt Ion:188 Resp: 1403643
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 8.3 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049768.D
Acq: 01 Apr 2025 10:57

Tgt Ion:240 Resp: 864165
Ion Ratio Lower Upper
240 100
120 8.2 6.5 9.7
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 180.622 ng

RT: 19.803 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049768.D

Acq: 01 Apr 2025 10:57

Instrument :

BNA_M

ClientSampleId :

PB167400BL

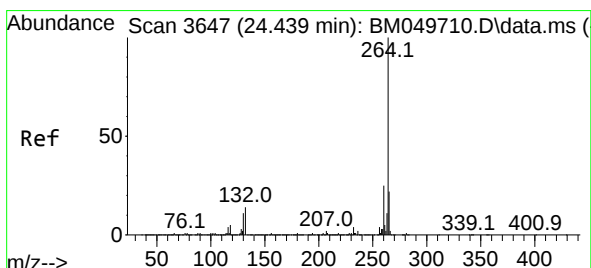
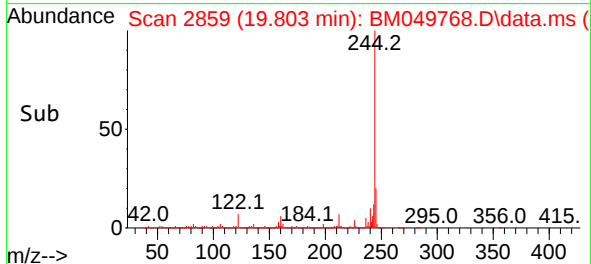
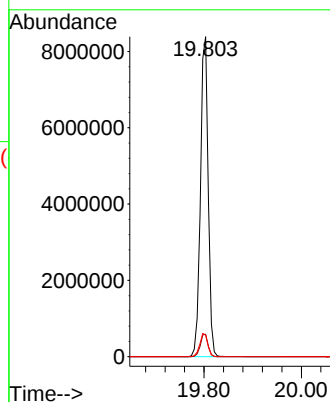
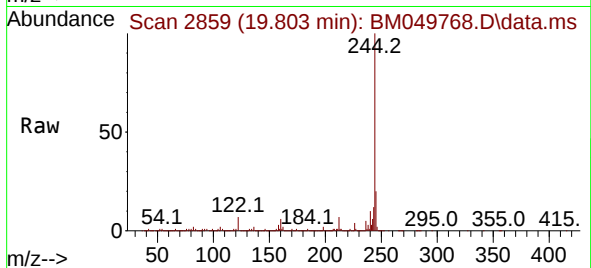
Tgt Ion:244 Resp: 9262687

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 6.8 6.0 9.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.409 min Scan# 3642

Delta R.T. -0.030 min

Lab File: BM049768.D

Acq: 01 Apr 2025 10:57

Tgt Ion:264 Resp: 696064

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 21.7 18.2 27.2

