

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
 Data File : BM049949.D
 Acq On : 16 Apr 2025 12:44
 Operator : RC/JU
 Sample : PB167598BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB167598BL

Quant Time: Apr 16 13:26:29 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	343259	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1140114	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	735629	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	1415517	20.000	ng	0.00
76) Chrysene-d12	21.403	240	1346934	20.000	ng	0.00
86) Perylene-d12	24.403	264	1487446	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	2526404	124.979	ng	0.00
7) Phenol-d6	6.951	99	3002102	119.365	ng	0.00
23) Nitrobenzene-d5	8.928	82	1805359	88.177	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1418868	132.605	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4698215	86.604	ng	-0.01
79) Terphenyl-d14	19.786	244	7785103	108.318	ng	0.00

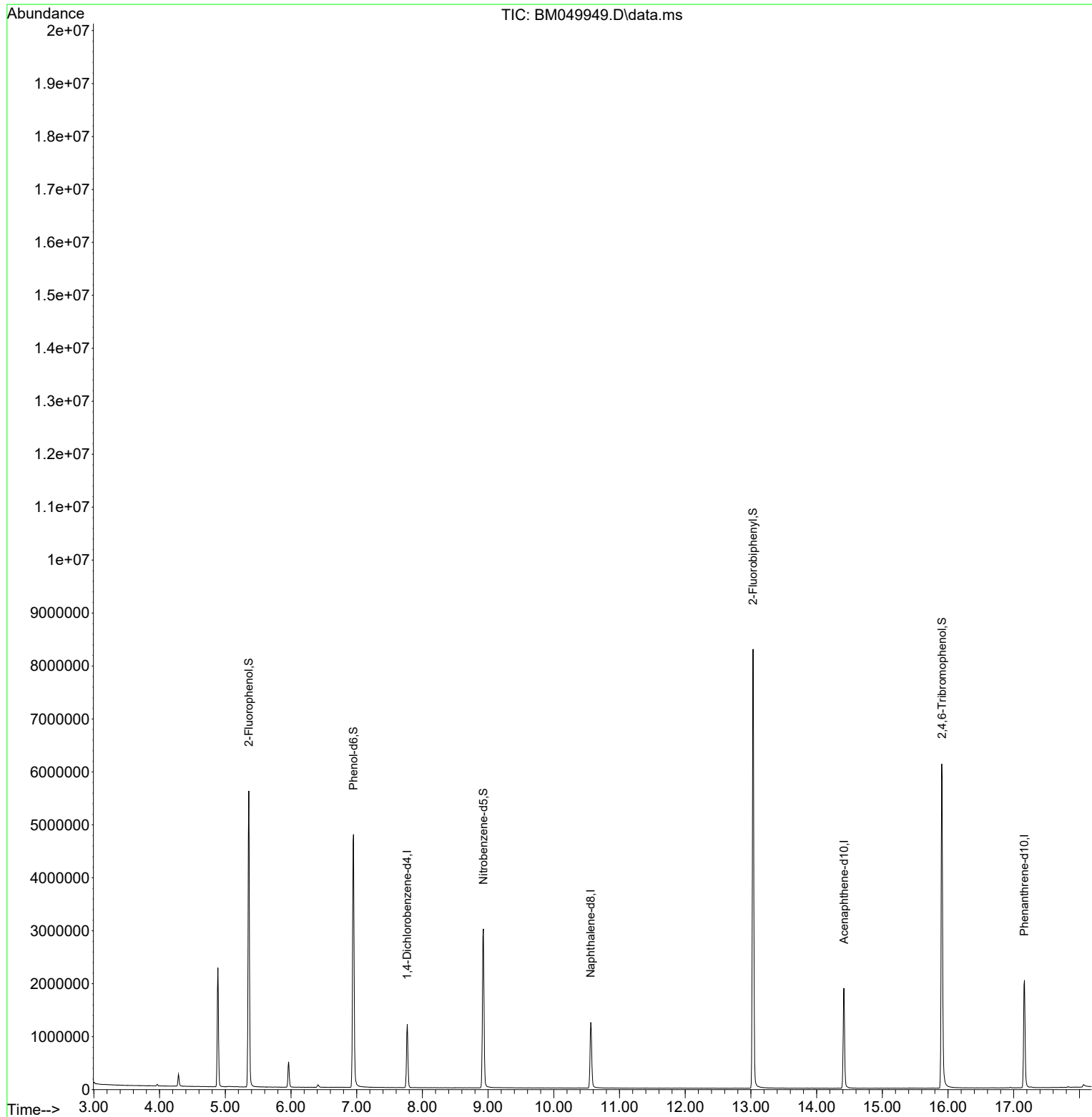
Target Compounds	Qvalue

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

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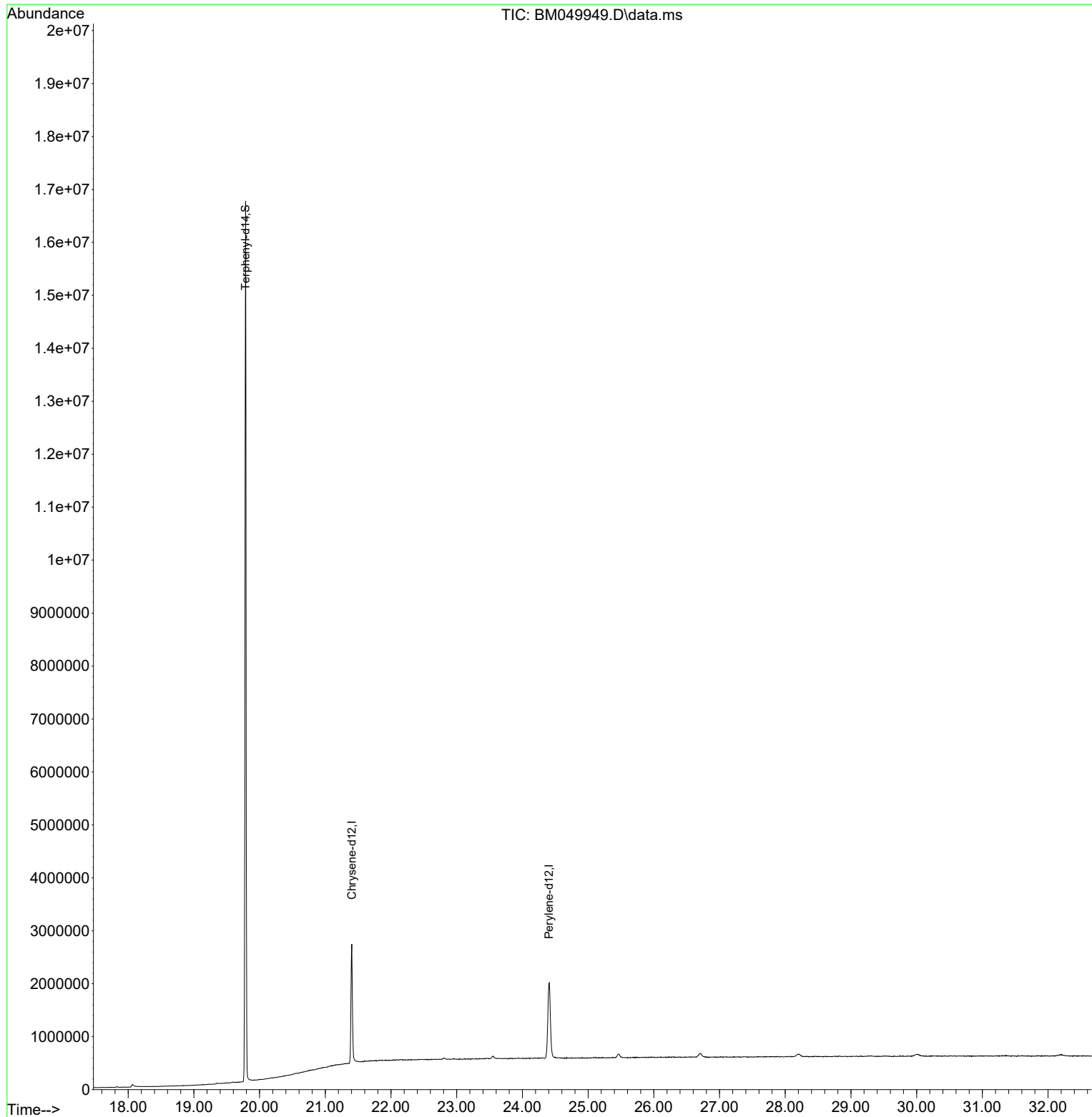
Quant Time: Apr 16 13:26:29 2025
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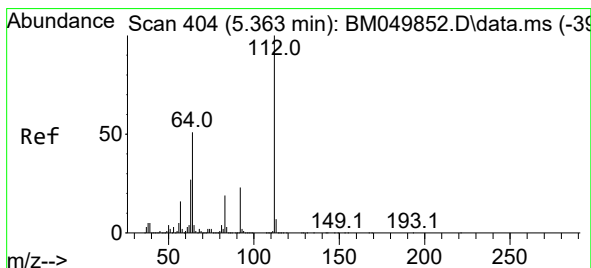
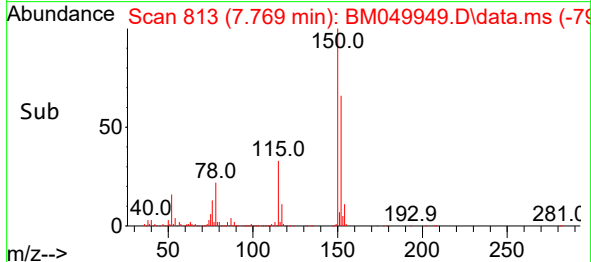
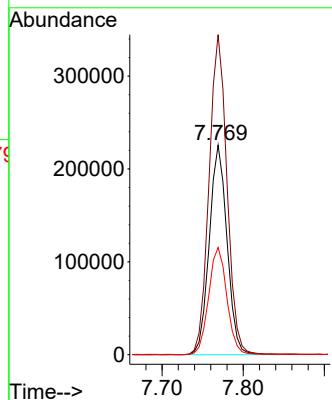
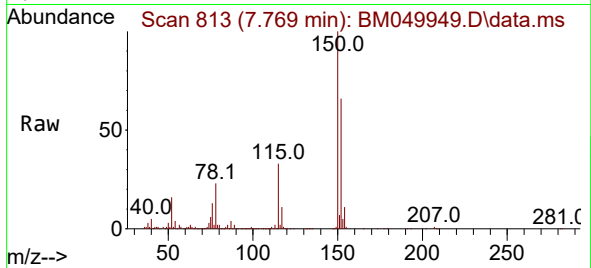




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 815
Delta R.T. -0.012 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

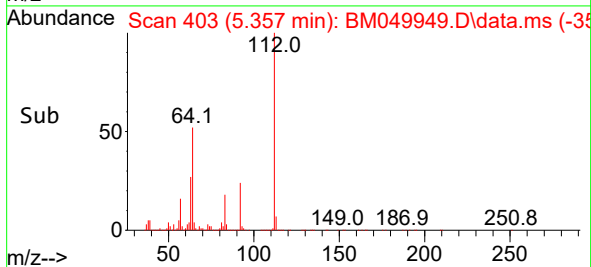
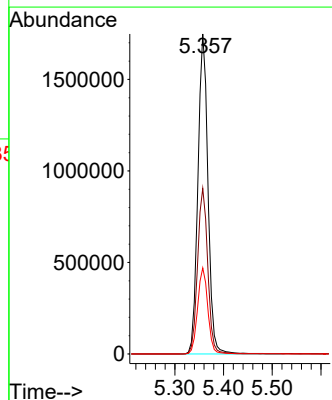
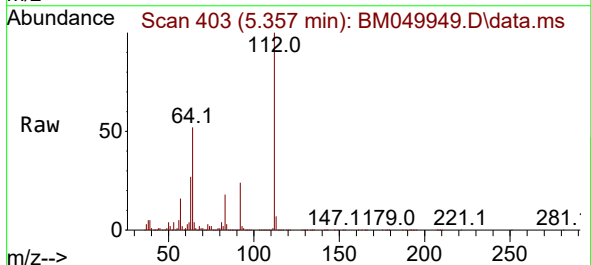
Instrument :
BNA_M
ClientSampleId :
PB167598BL

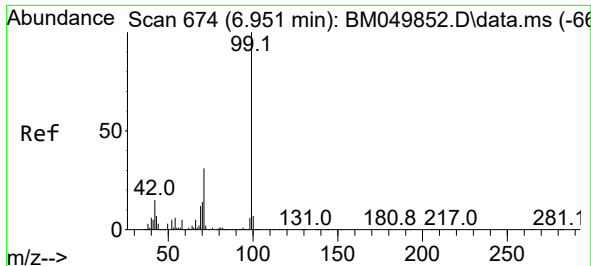
Tgt Ion:152 Resp: 343259
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 51.1 41.1 61.7



#5
2-Fluorophenol
Concen: 124.979 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

Tgt Ion:112 Resp: 2526404
Ion Ratio Lower Upper
112 100
64 51.7 41.0 61.6
63 26.9 21.5 32.3



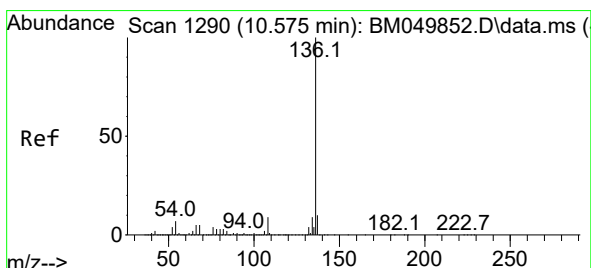
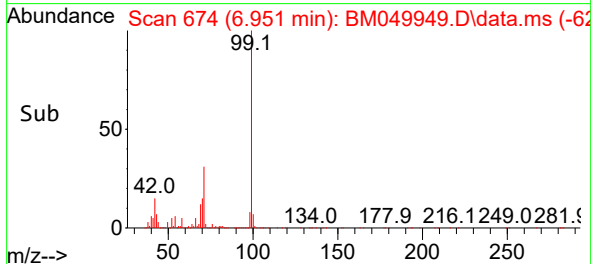
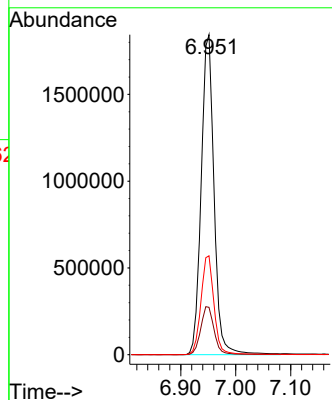
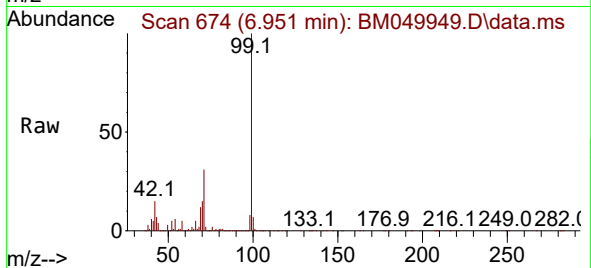


#7
Phenol-d6
Concen: 119.365 ng
RT: 6.951 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

Instrument :
BNA_M
ClientSampleId :
PB167598BL

Tgt Ion: 99 Resp: 3002102

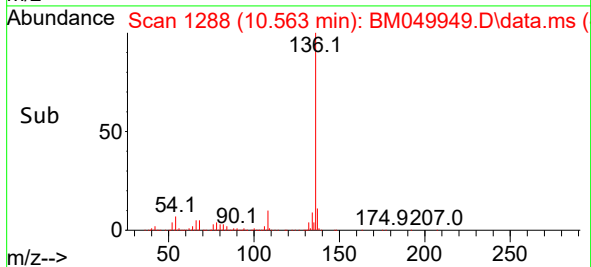
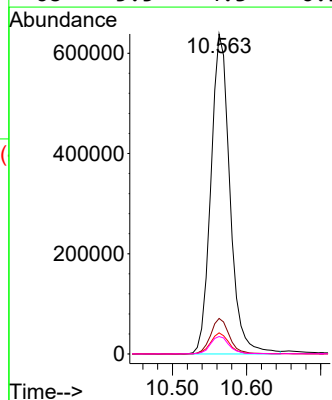
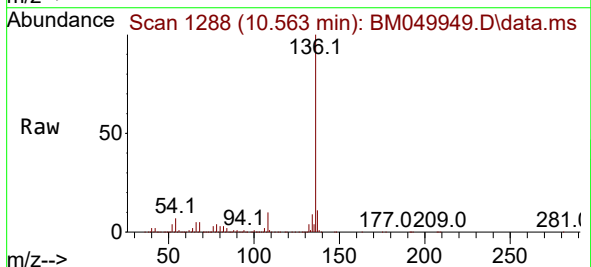
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.1	18.1
71	30.9	24.9	37.3

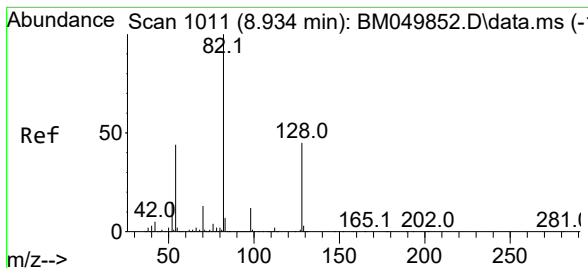


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.012 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

Tgt Ion: 136 Resp: 1140114

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.6	5.3	7.9
68	5.5	4.3	6.5

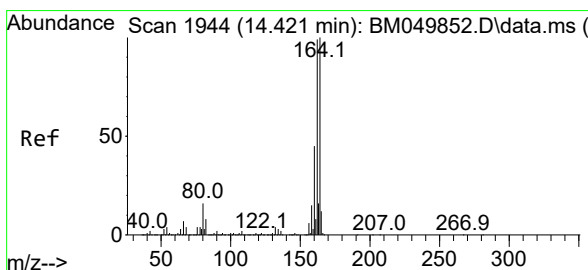
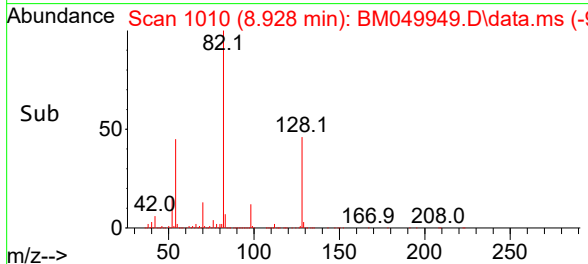
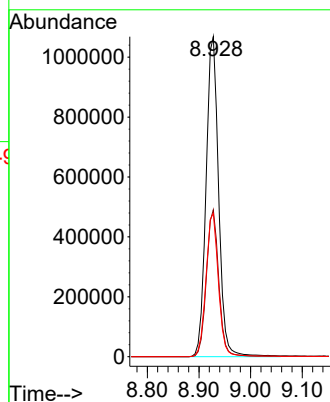
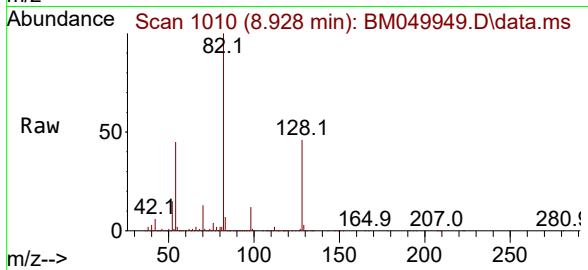




#23
Nitrobenzene-d5
Concen: 88.177 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

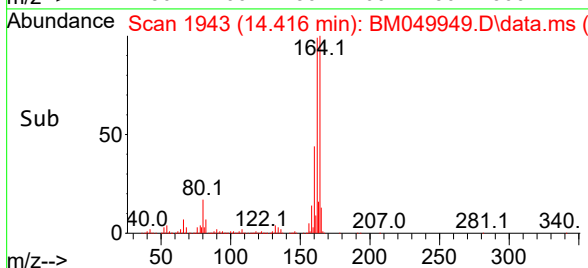
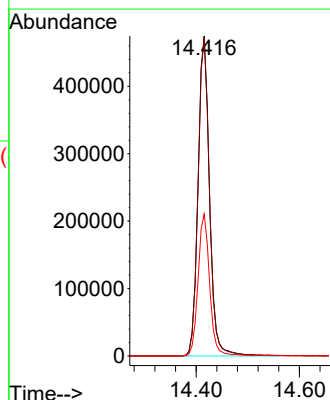
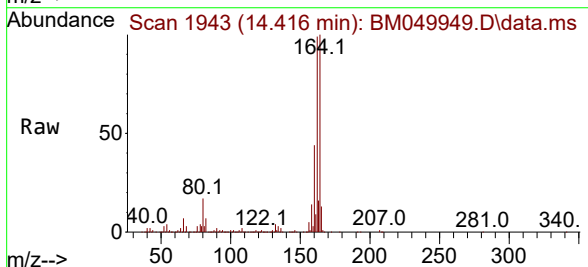
Instrument :
BNA_M
ClientSampleId :
PB167598BL

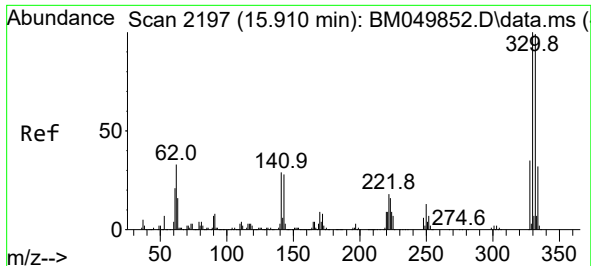
Tgt Ion: 82 Resp: 1805359
Ion Ratio Lower Upper
82 100
128 45.9 36.2 54.2
54 44.7 35.0 52.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

Tgt Ion:164 Resp: 735629
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.0
160 44.3 36.2 54.2

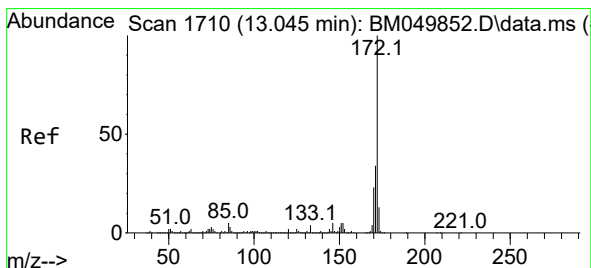
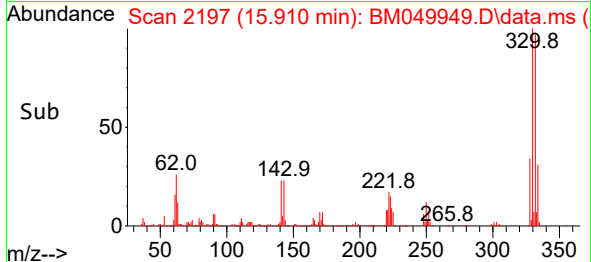
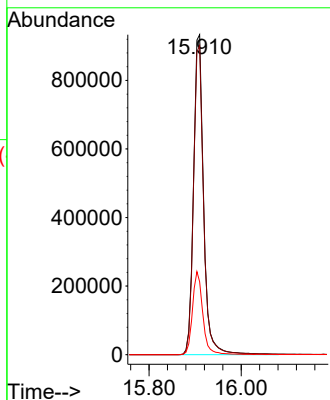
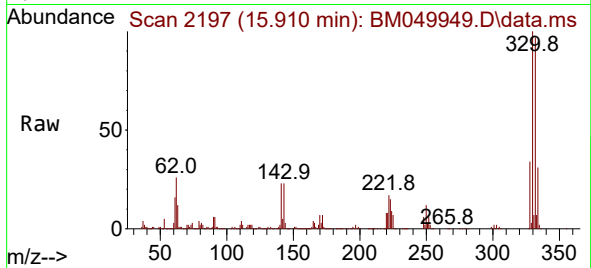




#42
2,4,6-Tribromophenol
Concen: 132.605 ng
RT: 15.910 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

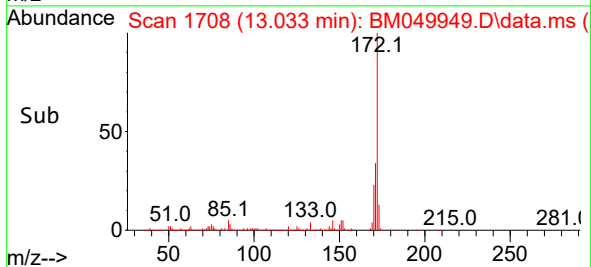
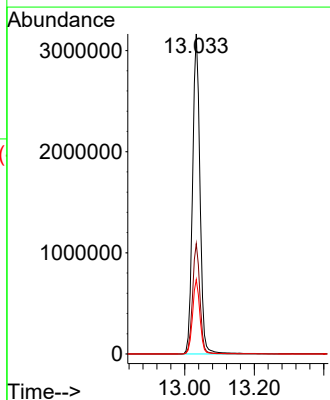
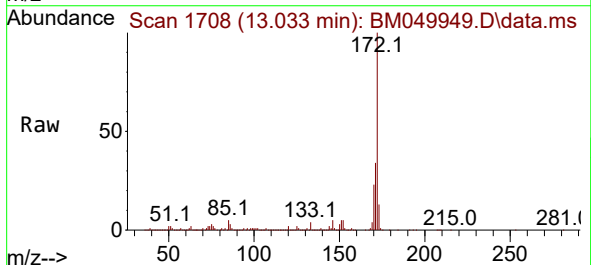
Instrument :
BNA_M
ClientSampleId :
PB167598BL

Tgt Ion:330 Resp: 1418868
Ion Ratio Lower Upper
330 100
332 96.9 78.0 117.0
141 26.6 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 86.604 ng
RT: 13.033 min Scan# 1708
Delta R.T. -0.012 min
Lab File: BM049949.D
Acq: 16 Apr 2025 12:44

Tgt Ion:172 Resp: 4698215
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.2
170 23.2 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: BM049949.D

Acq: 16 Apr 2025 12:44

Instrument :

BNA_M

ClientSampleId :

PB167598BL

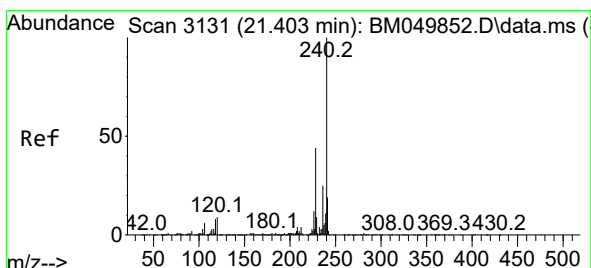
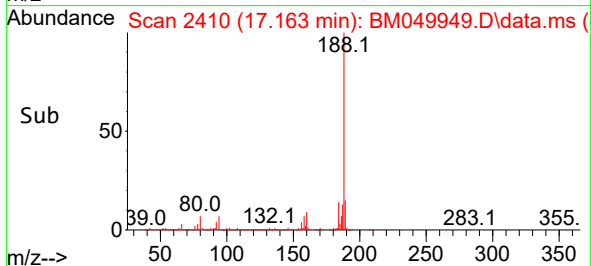
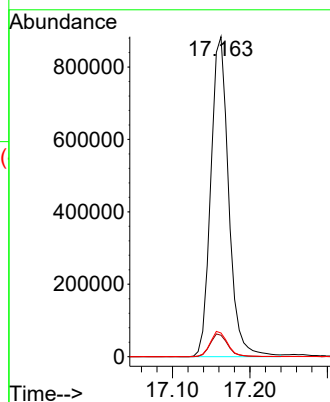
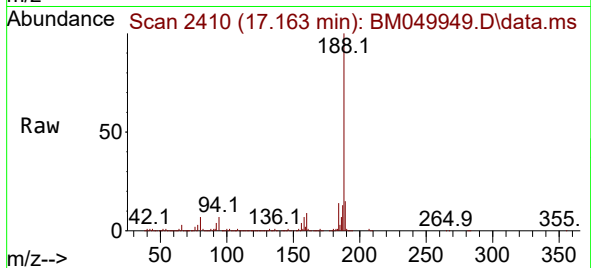
Tgt Ion:188 Resp: 1415517

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.4 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BM049949.D

Acq: 16 Apr 2025 12:44

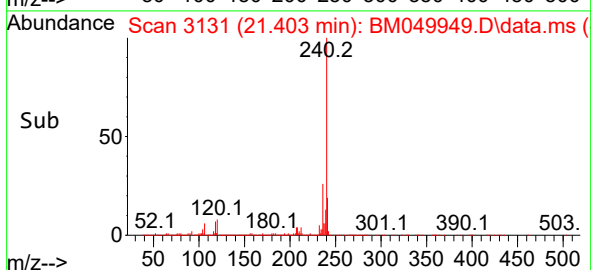
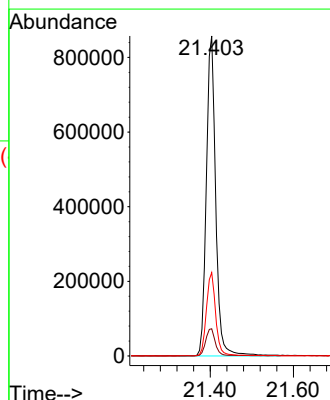
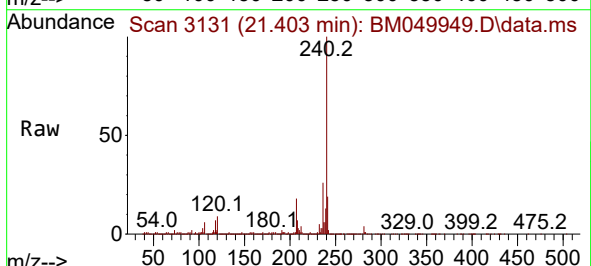
Tgt Ion:240 Resp: 1346934

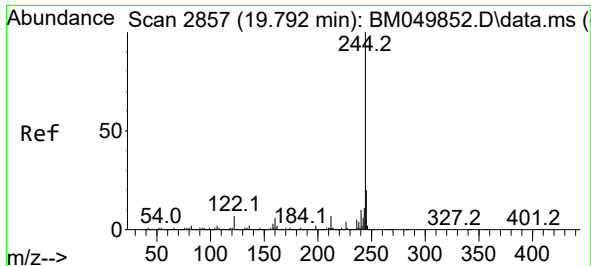
Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 26.0 20.4 30.6

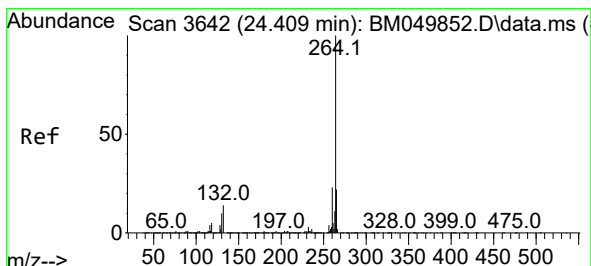
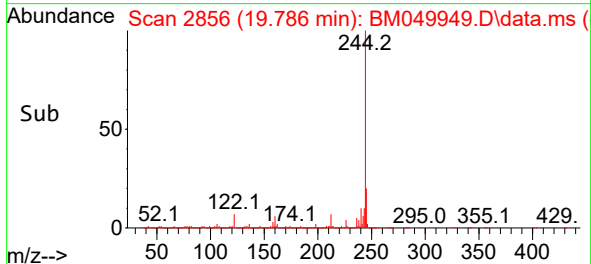
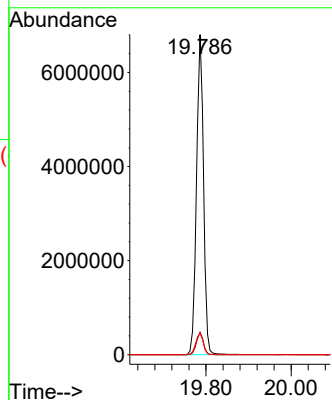
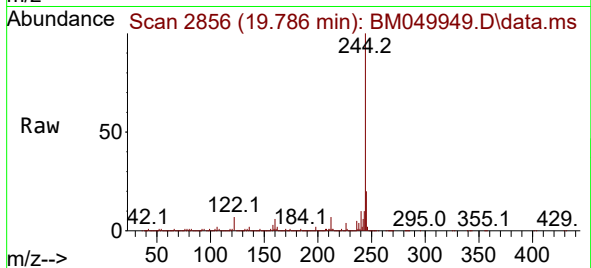




#79
 Terphenyl-d14
 Concen: 108.318 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM049949.D
 Acq: 16 Apr 2025 12:44

Instrument :
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 ClientSampleId :
 PB167598BL

Tgt Ion:244 Resp: 7785103
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 6.8 5.4 8.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.403 min Scan# 3641
 Delta R.T. -0.006 min
 Lab File: BM049949.D
 Acq: 16 Apr 2025 12:44

Tgt Ion:264 Resp: 1487446
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 22.4 17.8 26.8

