

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052225\
 Data File : BP024758.D
 Acq On : 22 May 2025 14:19
 Operator : RC/JU
 Sample : Q2075-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB-05152025

Quant Time: May 22 14:41:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	103638	20.000	ng	-0.01
21) Naphthalene-d8	10.422	136	395386	20.000	ng	-0.01
39) Acenaphthene-d10	14.287	164	244728	20.000	ng	-0.02
64) Phenanthrene-d10	17.086	188	486633	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	599957	20.000	ng	0.00
86) Perylene-d12	24.815	264	736321	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	336298	55.500	ng	0.00
7) Phenol-d6	6.858	99	239572	30.979	ng	0.00
23) Nitrobenzene-d5	8.799	82	516248	65.971	ng	-0.01
42) 2,4,6-Tribromophenol	15.810	330	536704	129.362	ng	0.00
45) 2-Fluorobiphenyl	12.893	172	1177257	63.023	ng	-0.01
79) Terphenyl-d14	19.816	244	2916666	83.359	ng	0.00

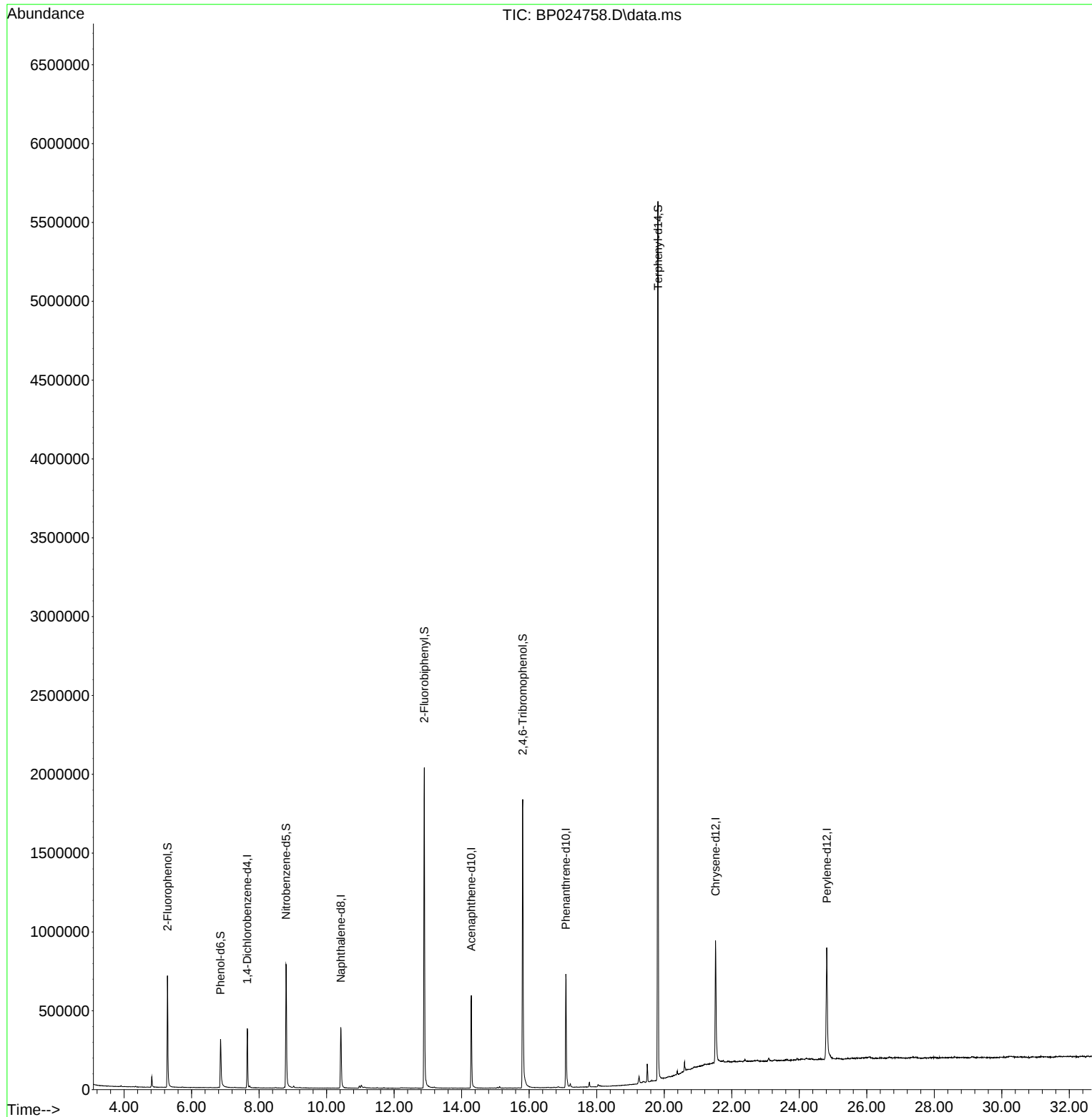
Target Compounds	Qvalue

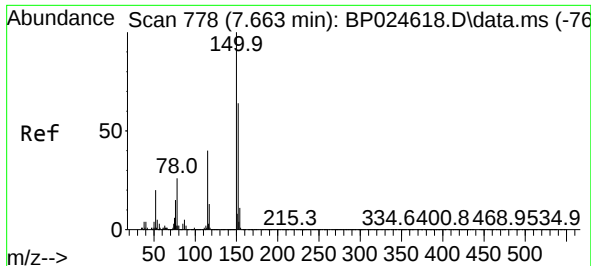
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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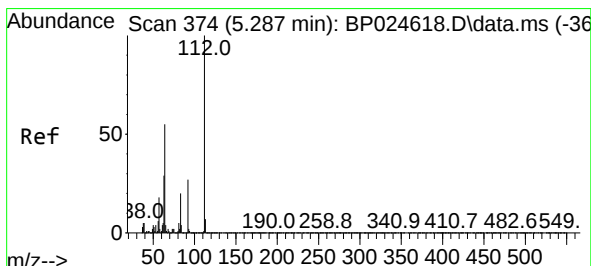
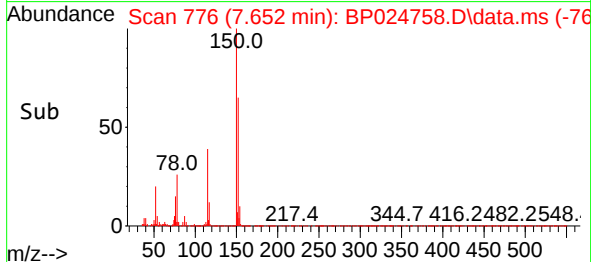
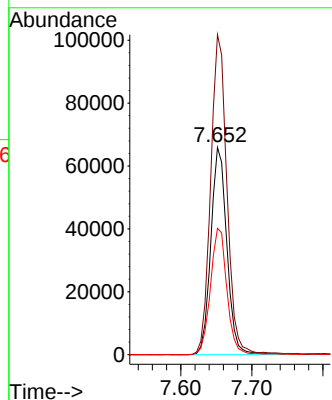
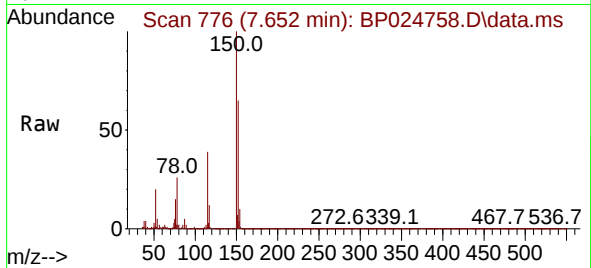




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

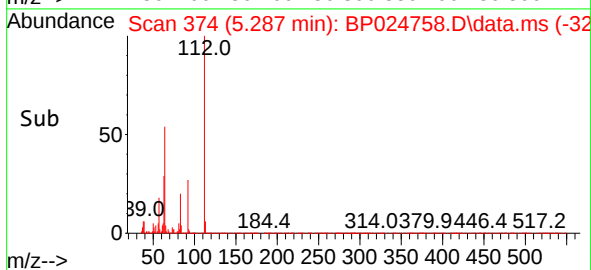
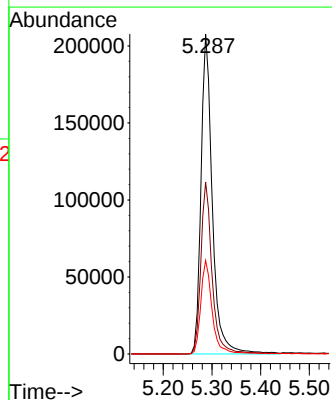
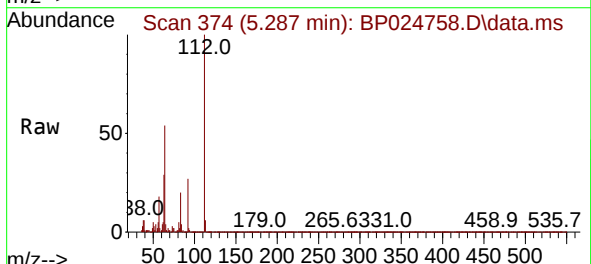
Instrument :
BNA_P
ClientSampleId :
FB-05152025

Tgt Ion:152 Resp: 103638
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.9 50.1 75.1



#5
2-Fluorophenol
Concen: 55.500 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:112 Resp: 336298
Ion Ratio Lower Upper
112 100
64 53.8 44.1 66.1
63 29.2 23.5 35.3

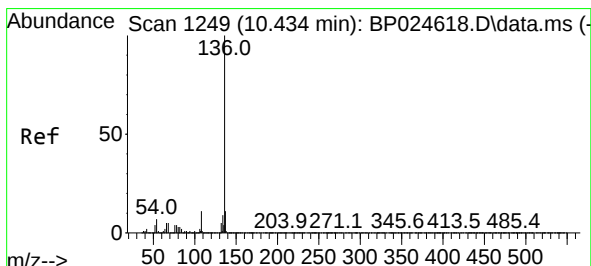
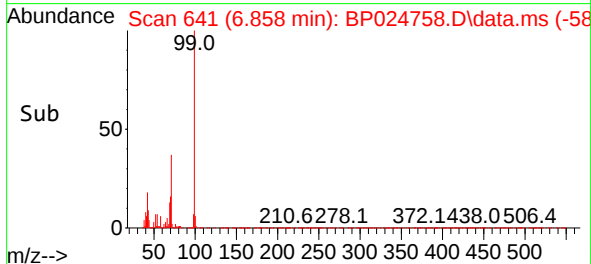
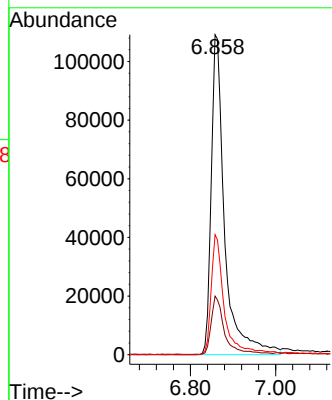
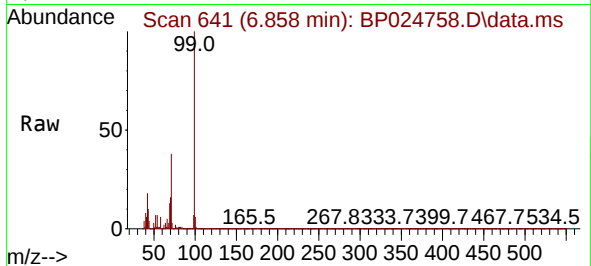




#7
Phenol-d6
Concen: 30.979 ng
RT: 6.858 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

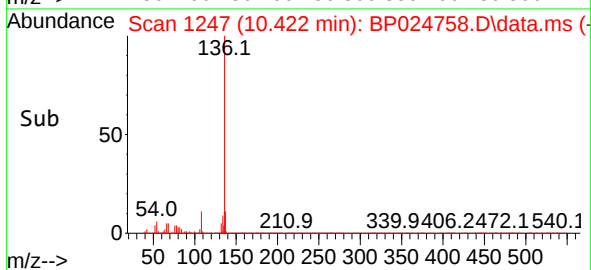
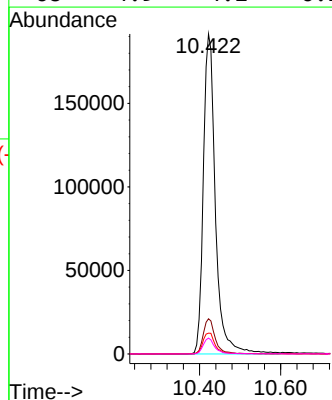
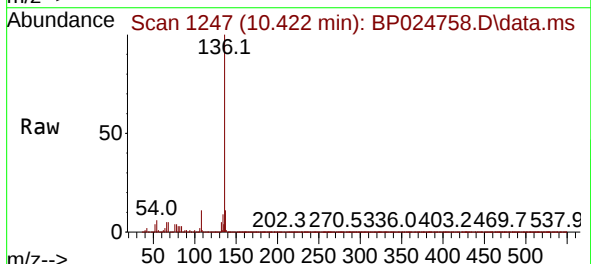
Instrument :
BNA_P
ClientSampleId :
FB-05152025

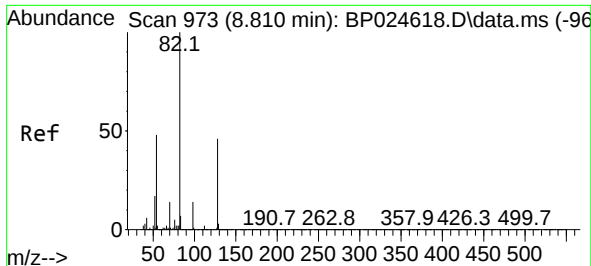
Tgt Ion: 99 Resp: 239572
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion: 136 Resp: 395386
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.5 8.3
68 4.9 4.2 6.2

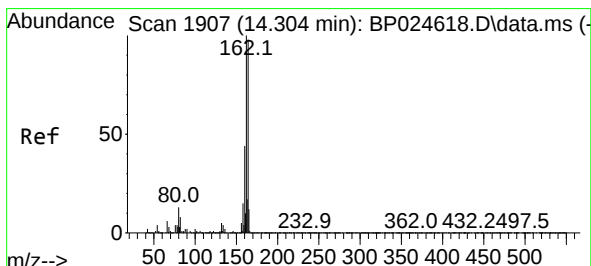
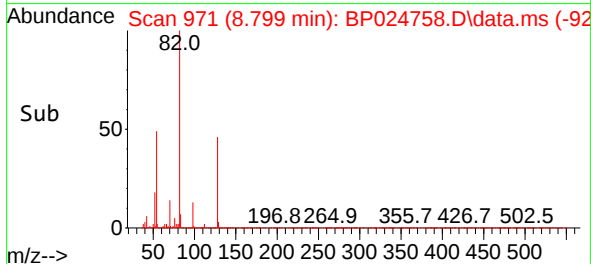
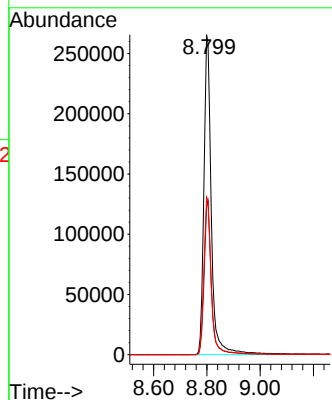
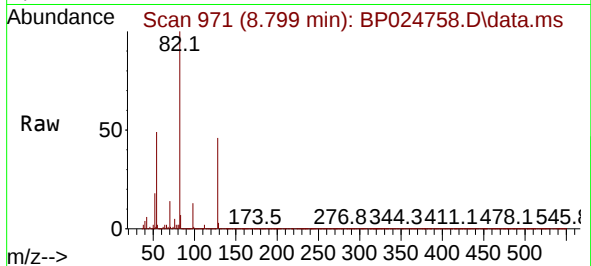




#23
Nitrobenzene-d5
Concen: 65.971 ng
RT: 8.799 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

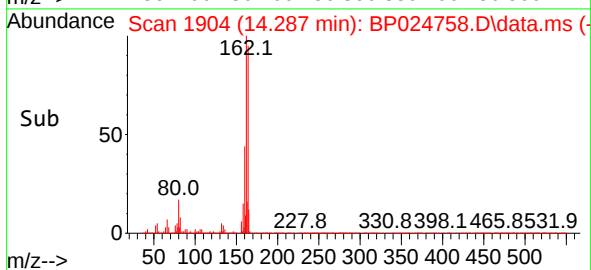
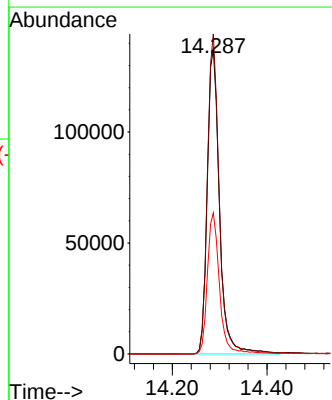
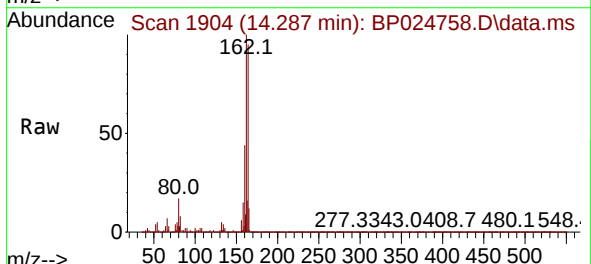
Instrument :
BNA_P
ClientSampleId :
FB-05152025

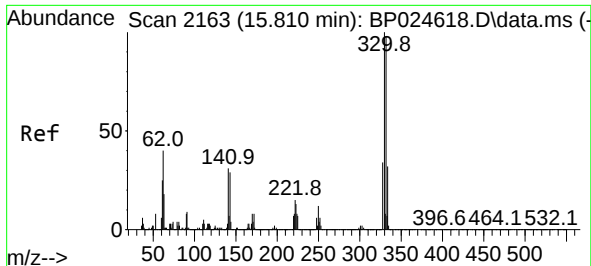
Tgt Ion: 82 Resp: 516248
Ion Ratio Lower Upper
82 100
128 46.1 37.0 55.4
54 49.3 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1904
Delta R.T. -0.018 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:164 Resp: 244728
Ion Ratio Lower Upper
164 100
162 105.1 81.8 122.6
160 46.4 36.3 54.5

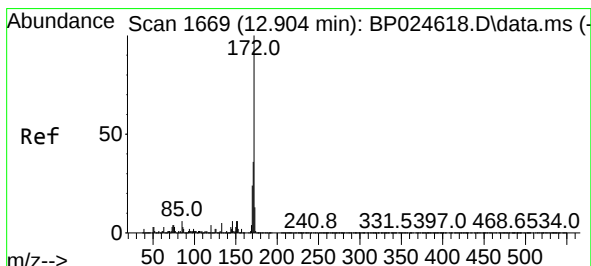
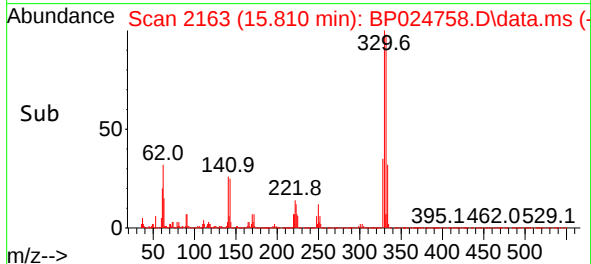
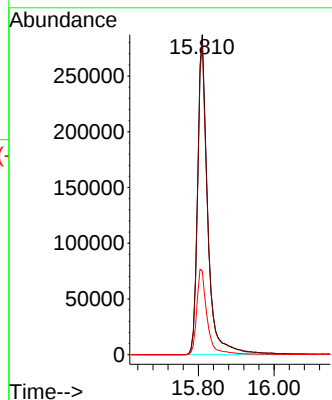
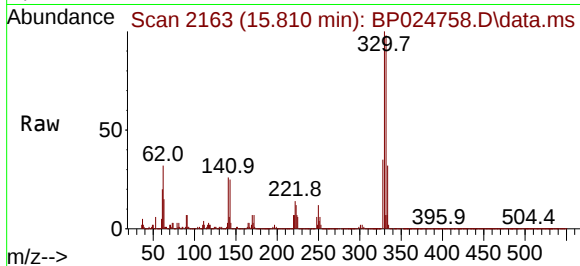




#42
2,4,6-Tribromophenol
Concen: 129.362 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

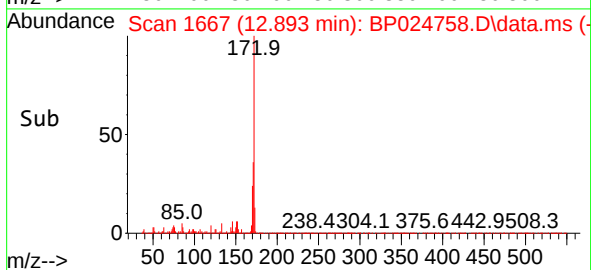
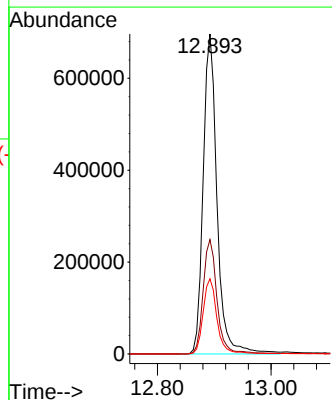
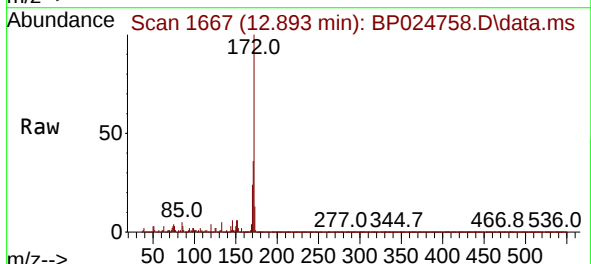
Instrument :
BNA_P
ClientSampleId :
FB-05152025

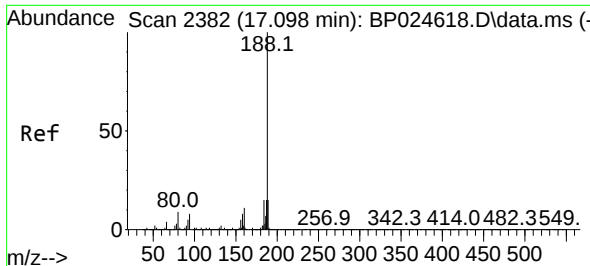
Tgt Ion:330 Resp: 536704
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 27.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 63.023 ng
RT: 12.893 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:172 Resp: 1177257
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 18.8 28.2

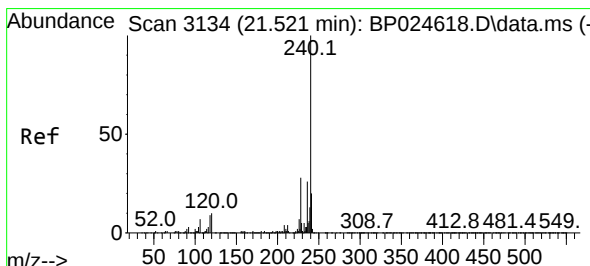
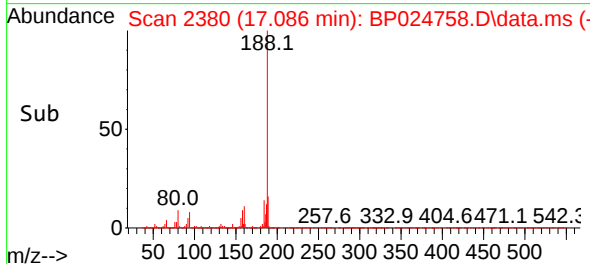
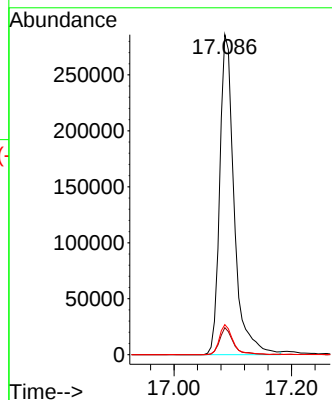
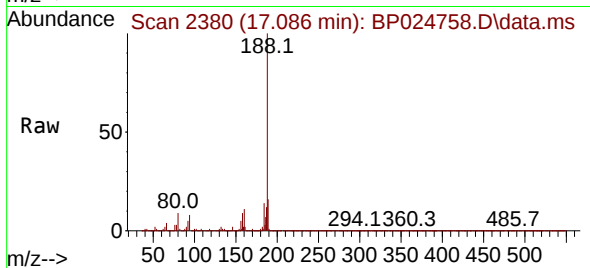




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

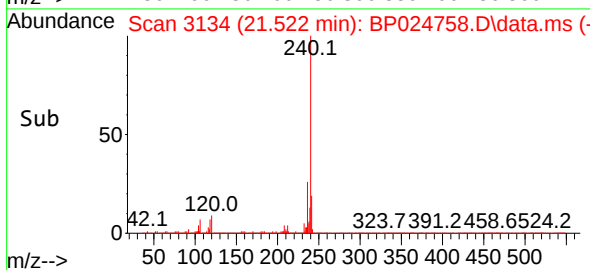
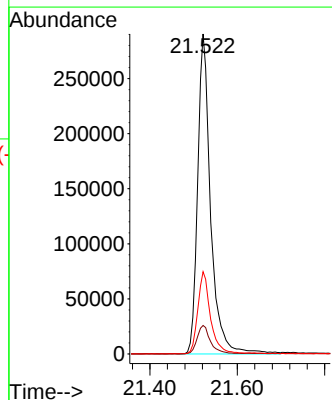
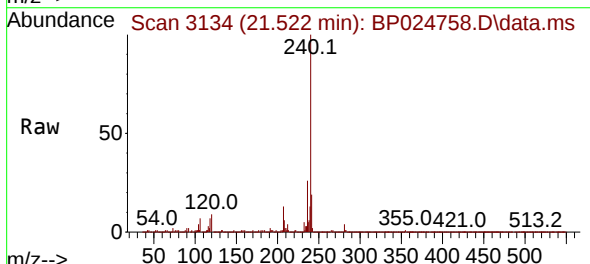
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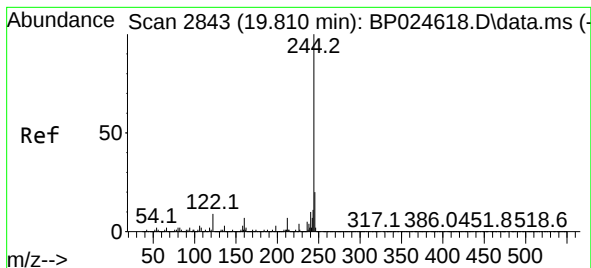
Tgt Ion:188 Resp: 486633
Ion Ratio Lower Upper
188 100
94 8.4 6.5 9.7
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024758.D
Acq: 22 May 2025 14:19

Tgt Ion:240 Resp: 599957
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.7 20.6 31.0





#79

Terphenyl-d14

Concen: 83.359 ng

RT: 19.816 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

Instrument :

BNA_P

ClientSampleId :

FB-05152025

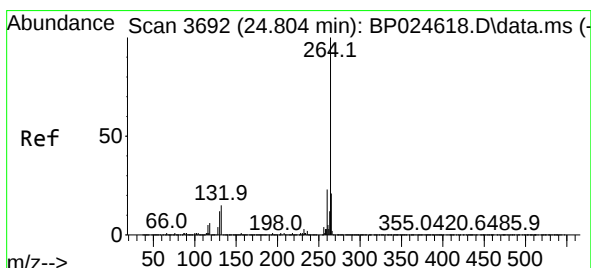
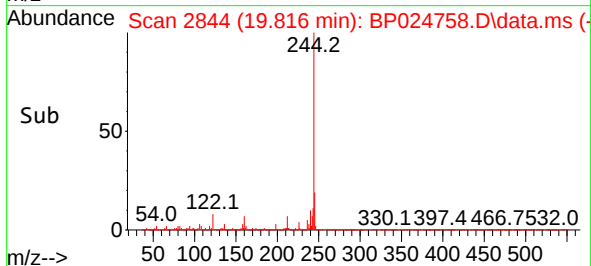
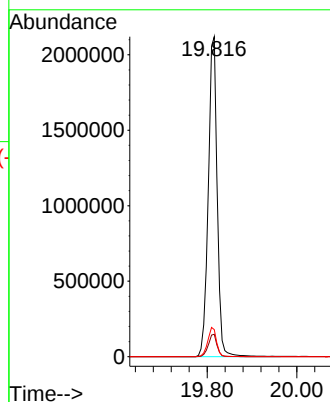
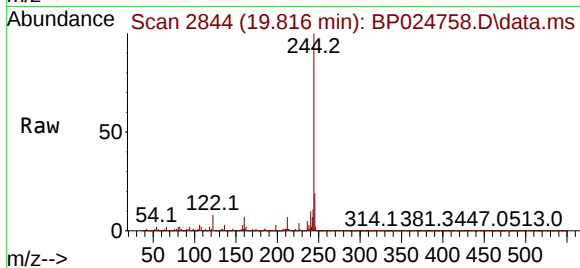
Tgt Ion:244 Resp: 2916666

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 8.5 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.815 min Scan# 3694

Delta R.T. 0.012 min

Lab File: BP024758.D

Acq: 22 May 2025 14:19

Tgt Ion:264 Resp: 736321

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.8 17.0 25.6

