

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024818.D
 Acq On : 28 May 2025 16:50
 Operator : RC/JU
 Sample : Q2130-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: May 28 17:28:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

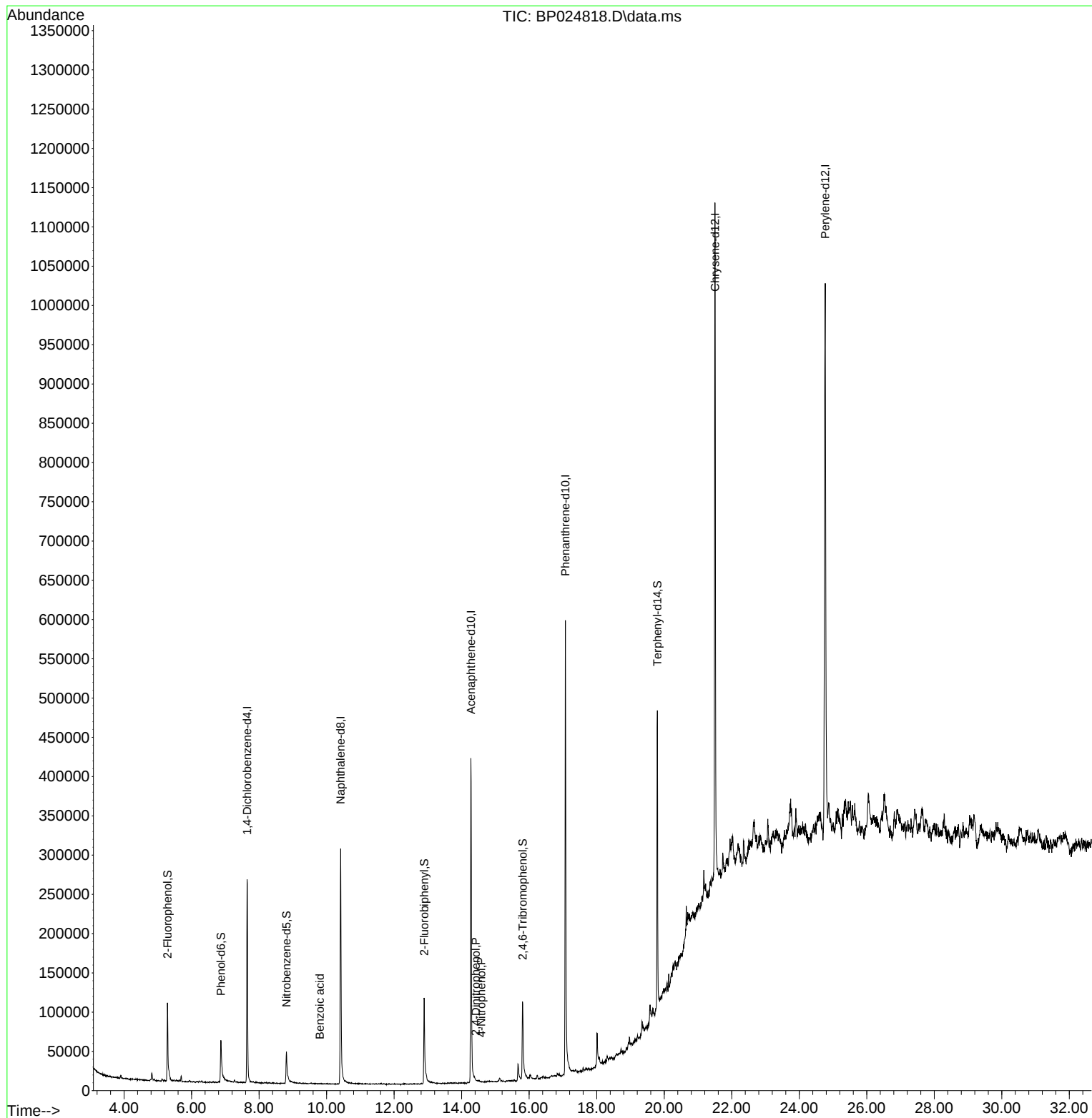
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	79487	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	302347	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	187476	20.000	ng	0.00
64) Phenanthrene-d10	17.075	188	410822	20.000	ng	0.01
76) Chrysene-d12	21.504	240	585145	20.000	ng	0.01
86) Perylene-d12	24.768	264	764328	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	57505	12.374	ng	0.00
7) Phenol-d6	6.869	99	60056	10.125	ng	0.02
23) Nitrobenzene-d5	8.810	82	35519	5.936	ng	0.01
42) 2,4,6-Tribromophenol	15.810	330	40923	12.876	ng	0.02
45) 2-Fluorobiphenyl	12.893	172	83971	5.868	ng	0.01
79) Terphenyl-d14	19.798	244	211138	6.187	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.799	122	10	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.422	184	7	6.404	ng	# 59
56) 4-Nitrophenol	14.581	139	23	4.242	ng	# 83

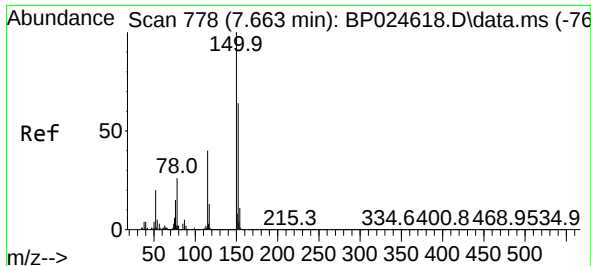
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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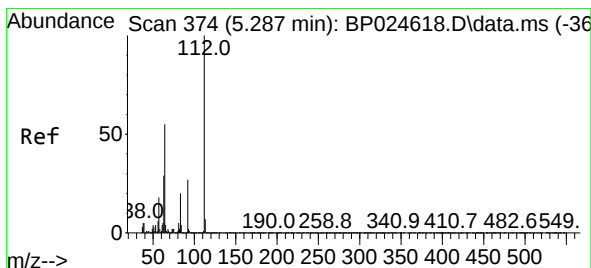
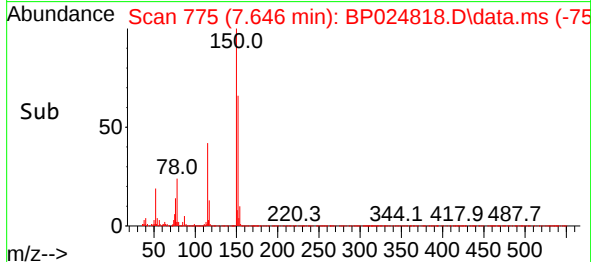
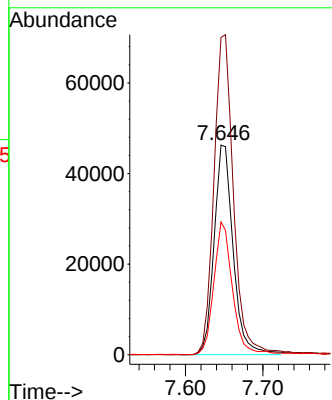
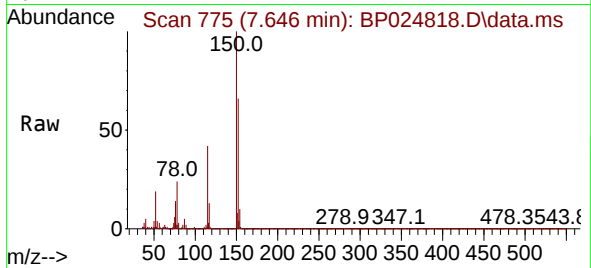




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

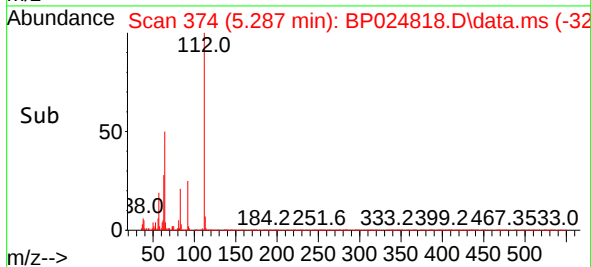
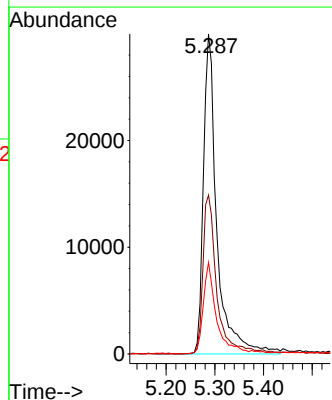
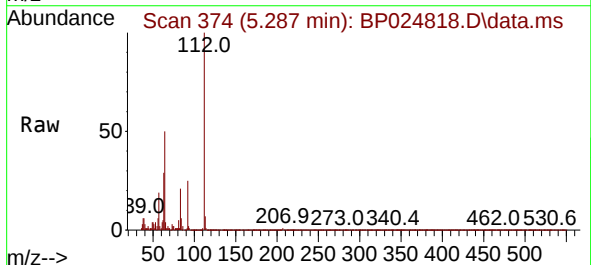
Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 79487
Ion Ratio Lower Upper
152 100
150 151.4 125.9 188.9
115 63.3 50.1 75.1



#5
2-Fluorophenol
Concen: 12.374 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.006 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

Tgt Ion:112 Resp: 57505
Ion Ratio Lower Upper
112 100
64 49.6 44.1 66.1
63 28.6 23.5 35.3

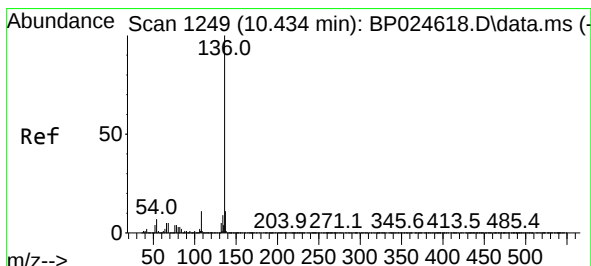
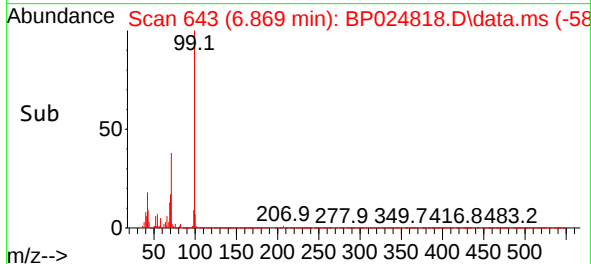
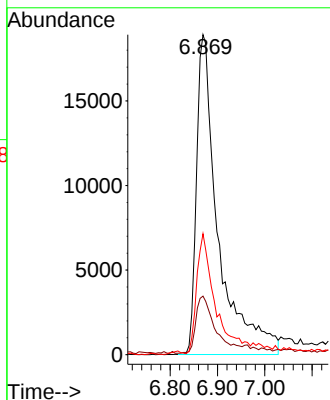
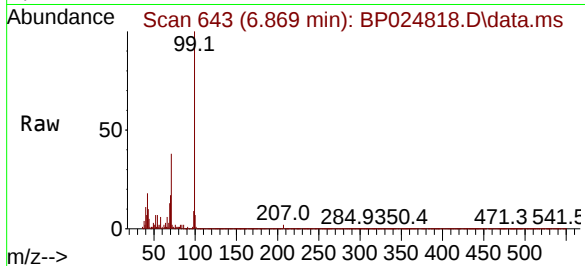




#7
Phenol-d6
Concen: 10.125 ng
RT: 6.869 min Scan# 640
Delta R.T. 0.024 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

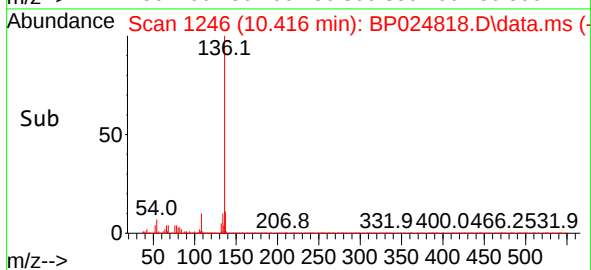
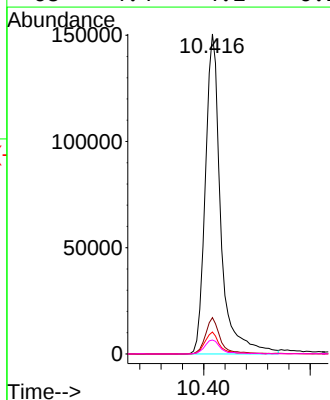
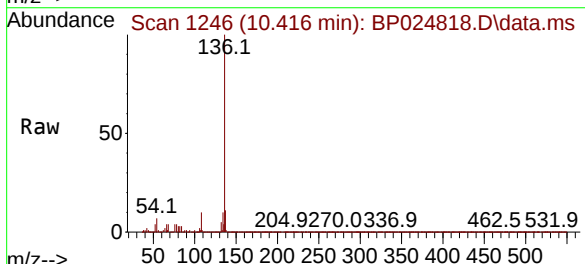
Instrument :
BNA_P
ClientSampleId :
TP-3

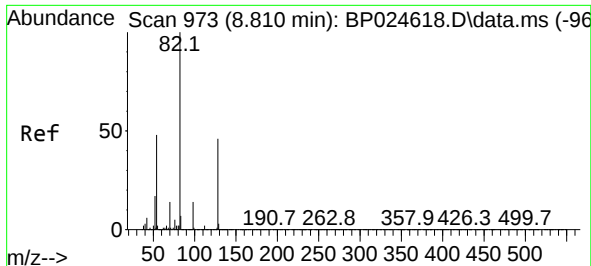
Tgt Ion: 99 Resp: 60056
Ion Ratio Lower Upper
99 100
42 18.3 14.4 21.6
71 37.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

Tgt Ion:136 Resp: 302347
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 6.8 5.5 8.3
68 4.4 4.2 6.2

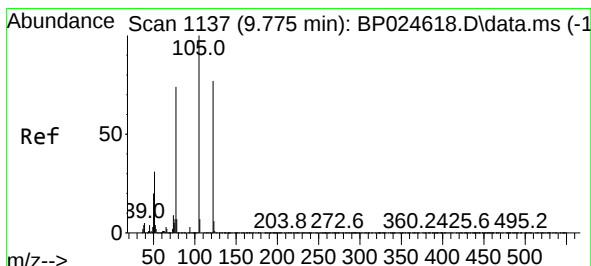
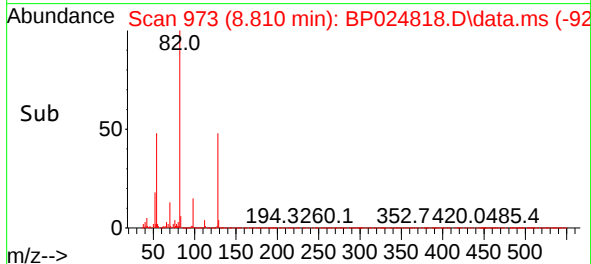
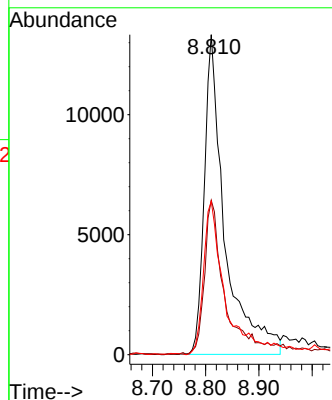
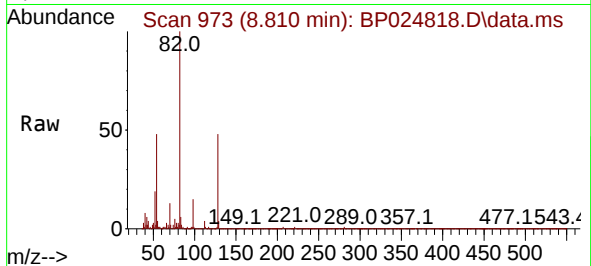




#23
Nitrobenzene-d5
Concen: 5.936 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

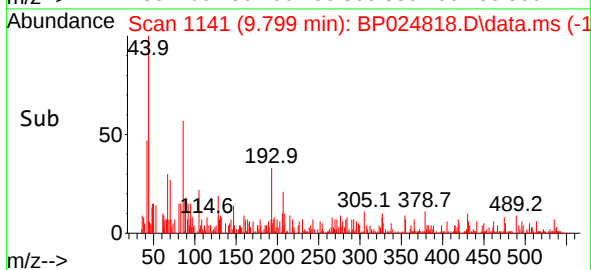
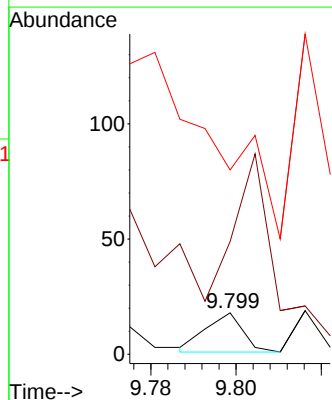
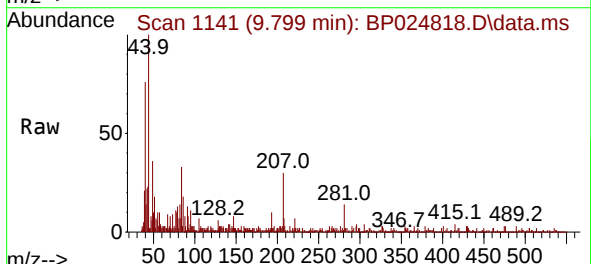
Instrument :
BNA_P
ClientSampleId :
TP-3

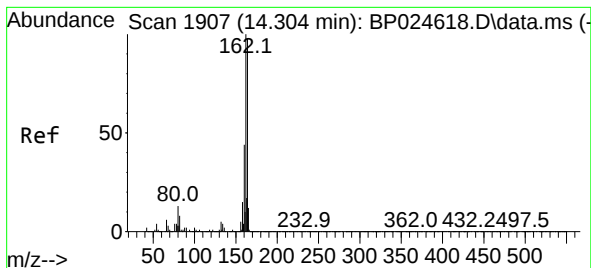
Tgt Ion: 82 Resp: 35519
Ion Ratio Lower Upper
82 100
128 48.3 37.0 55.4
54 48.0 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.799 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

Tgt Ion: 122 Resp: 10
Ion Ratio Lower Upper
122 100
105 272.2 106.9 146.9#
77 444.4 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.275 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BP024818.D

Acq: 28 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

TP-3

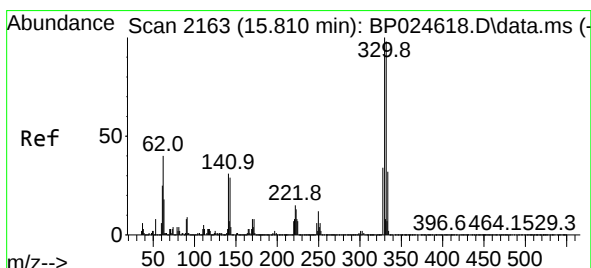
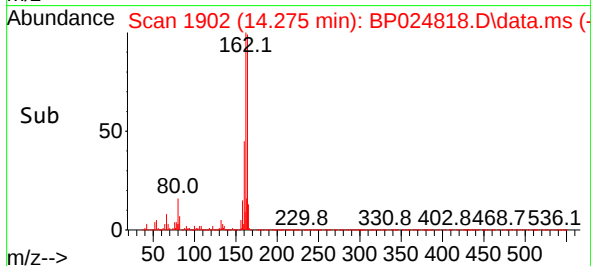
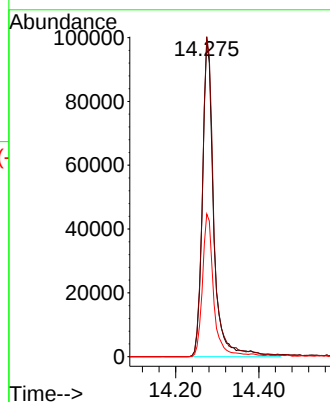
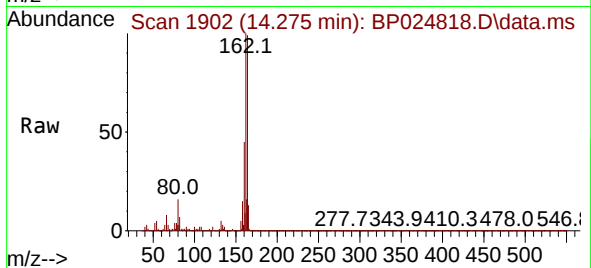
Tgt Ion:164 Resp: 187476

Ion Ratio Lower Upper

164 100

162 101.0 81.8 122.6

160 45.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 12.876 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.024 min

Lab File: BP024818.D

Acq: 28 May 2025 16:50

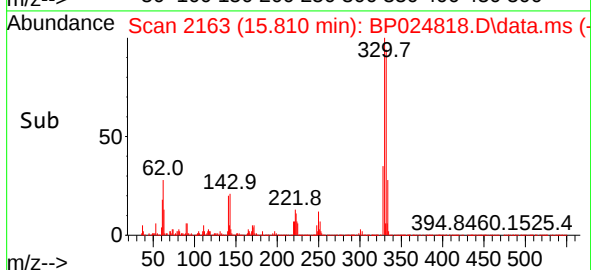
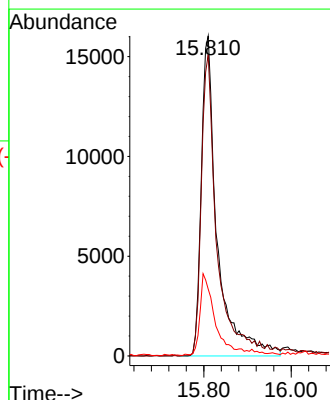
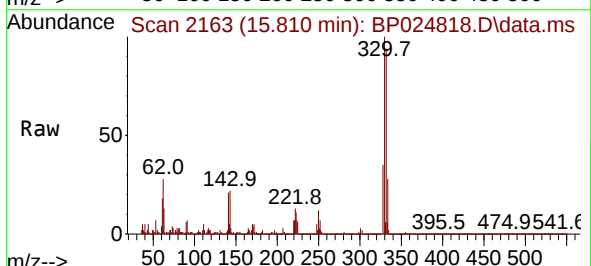
Tgt Ion:330 Resp: 40923

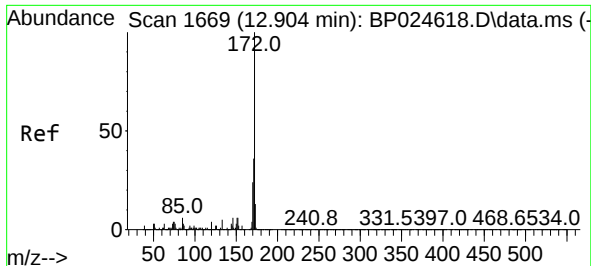
Ion Ratio Lower Upper

330 100

332 91.3 78.2 117.4

141 24.2 24.3 36.5#

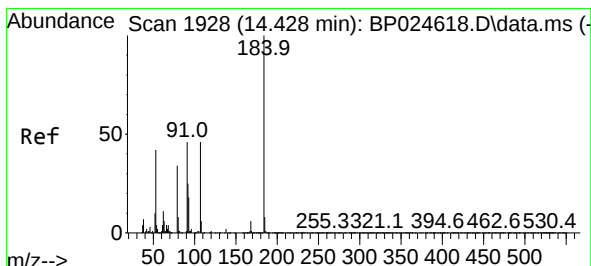
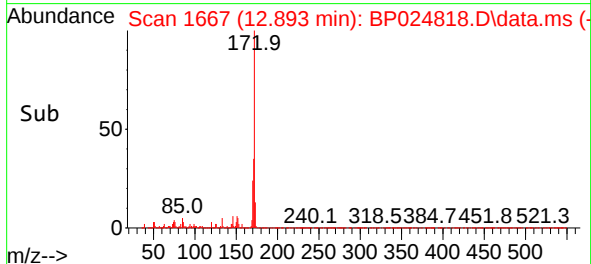
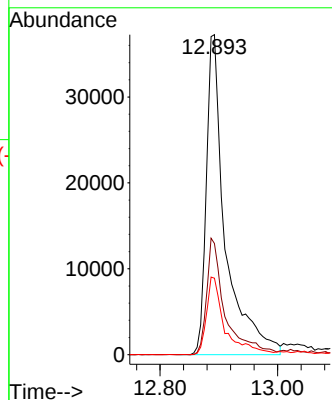
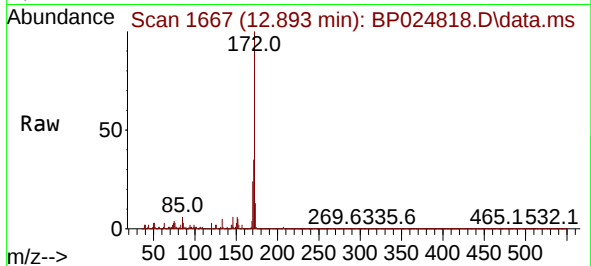




#45
2-Fluorobiphenyl
Concen: 5.868 ng
RT: 12.893 min Scan# 1667
Delta R.T. 0.012 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

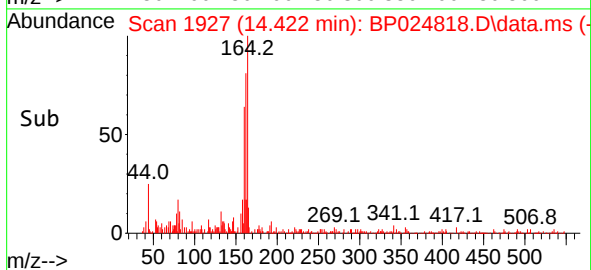
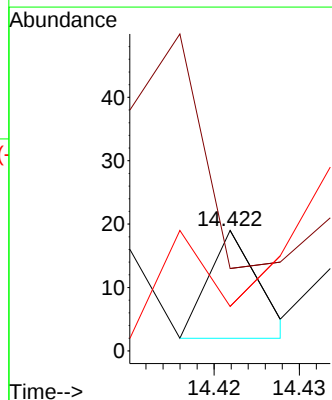
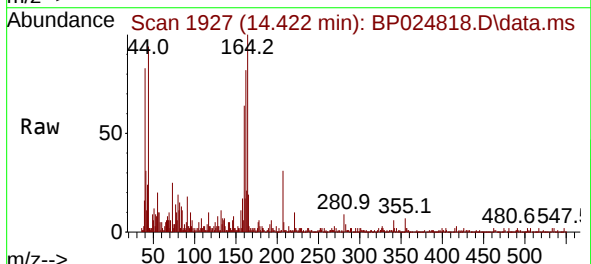
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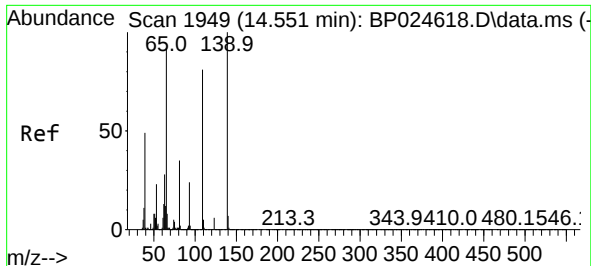
Tgt Ion:172 Resp: 83971
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.9 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.404 ng
RT: 14.422 min Scan# 1927
Delta R.T. 0.006 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 68.4 51.3 76.9
154 126.3 53.5 80.3#

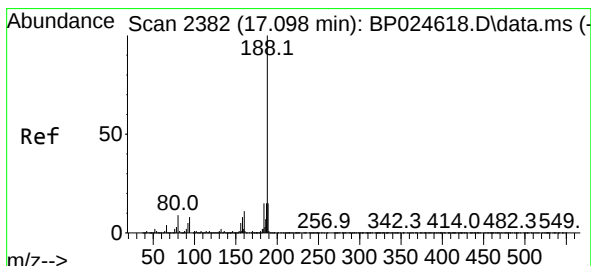
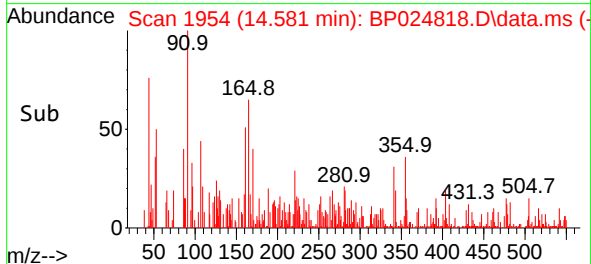
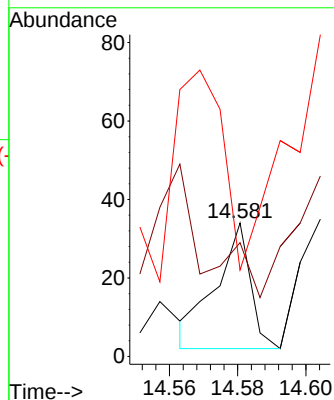
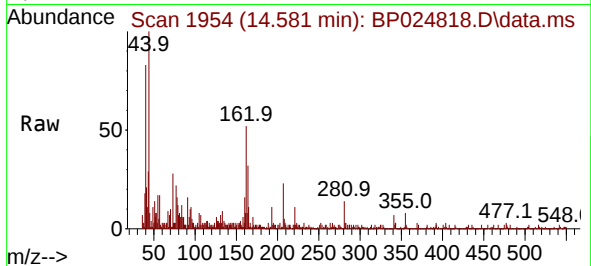




#56
4-Nitrophenol
Concen: 4.242 ng
RT: 14.581 min Scan# 1949
Delta R.T. 0.024 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

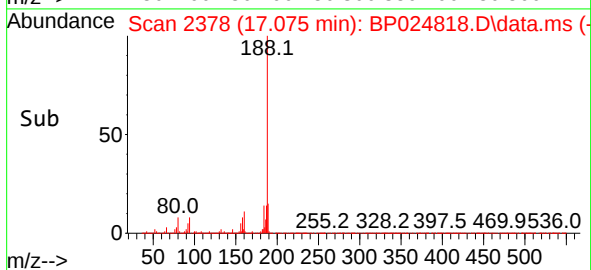
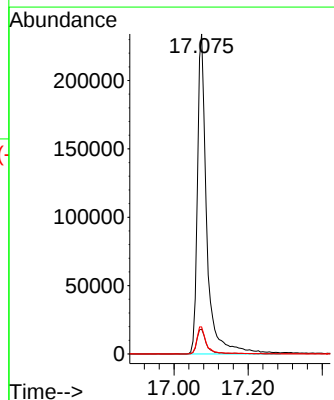
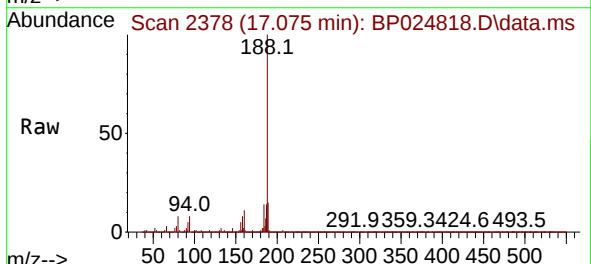
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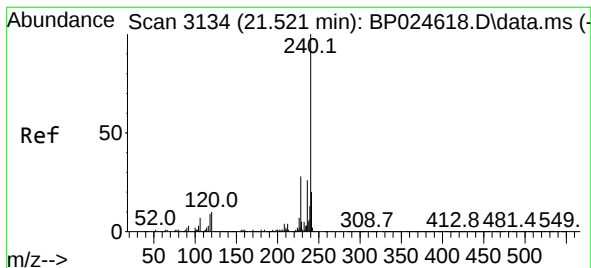
Tgt Ion:139 Resp: 23
Ion Ratio Lower Upper
139 100
109 85.3 61.4 101.4
65 64.7 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.075 min Scan# 2378
Delta R.T. 0.012 min
Lab File: BP024818.D
Acq: 28 May 2025 16:50

Tgt Ion:188 Resp: 410822
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.5 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.504 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024818.D

Acq: 28 May 2025 16:50

Instrument :

BNA_P

ClientSampleId :

TP-3

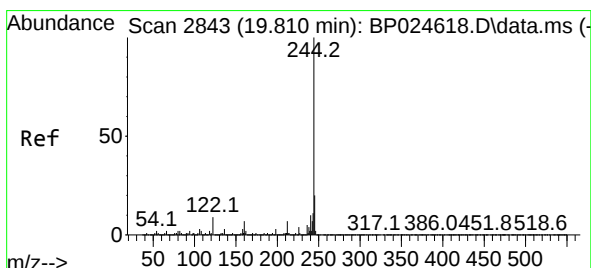
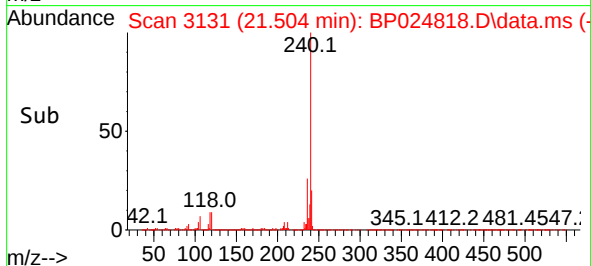
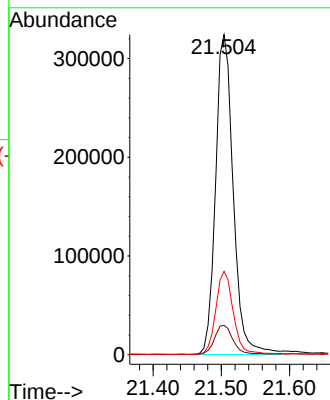
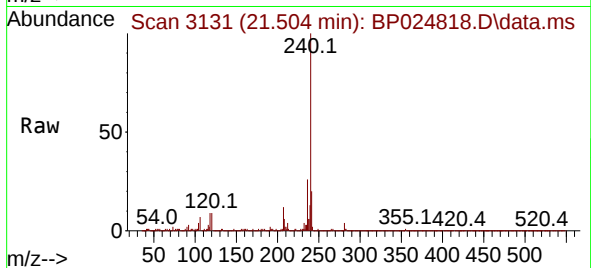
Tgt Ion:240 Resp: 585145

Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 26.1 20.6 31.0



#79

Terphenyl-d14

Concen: 6.187 ng

RT: 19.798 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP024818.D

Acq: 28 May 2025 16:50

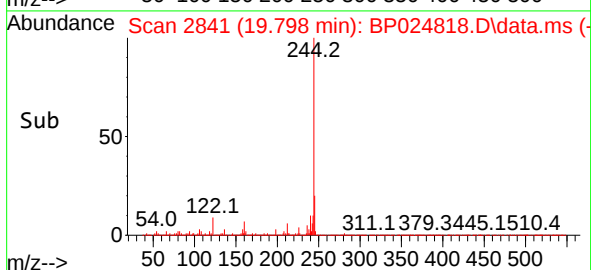
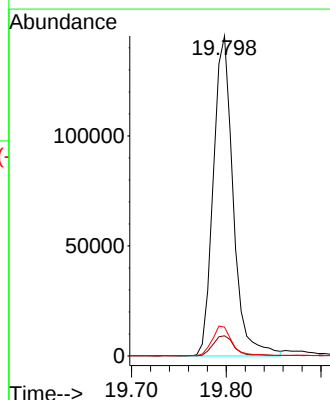
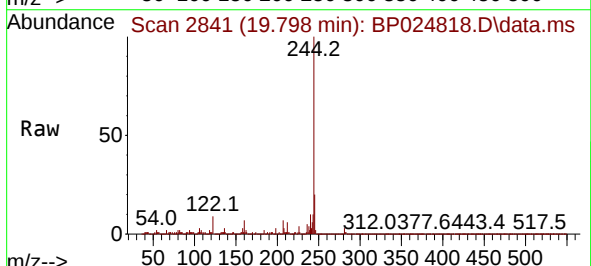
Tgt Ion:244 Resp: 211138

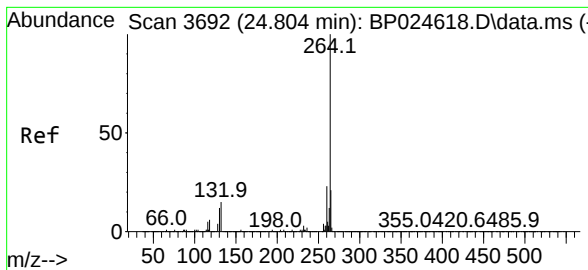
Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 9.0 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.768 min Scan# 30
 Delta R.T. 0.024 min
 Lab File: BP024818.D
 Acq: 28 May 2025 16:50

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:264 Resp: 764328

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.8	17.0	25.6

