

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024252.D
 Acq On : 10 Apr 2025 14:36
 Operator : RC/JU
 Sample : Q1746-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-158-GW01

Quant Time: Apr 10 15:01:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 10 11:43:37 2025
 Response via : Initial Calibration

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

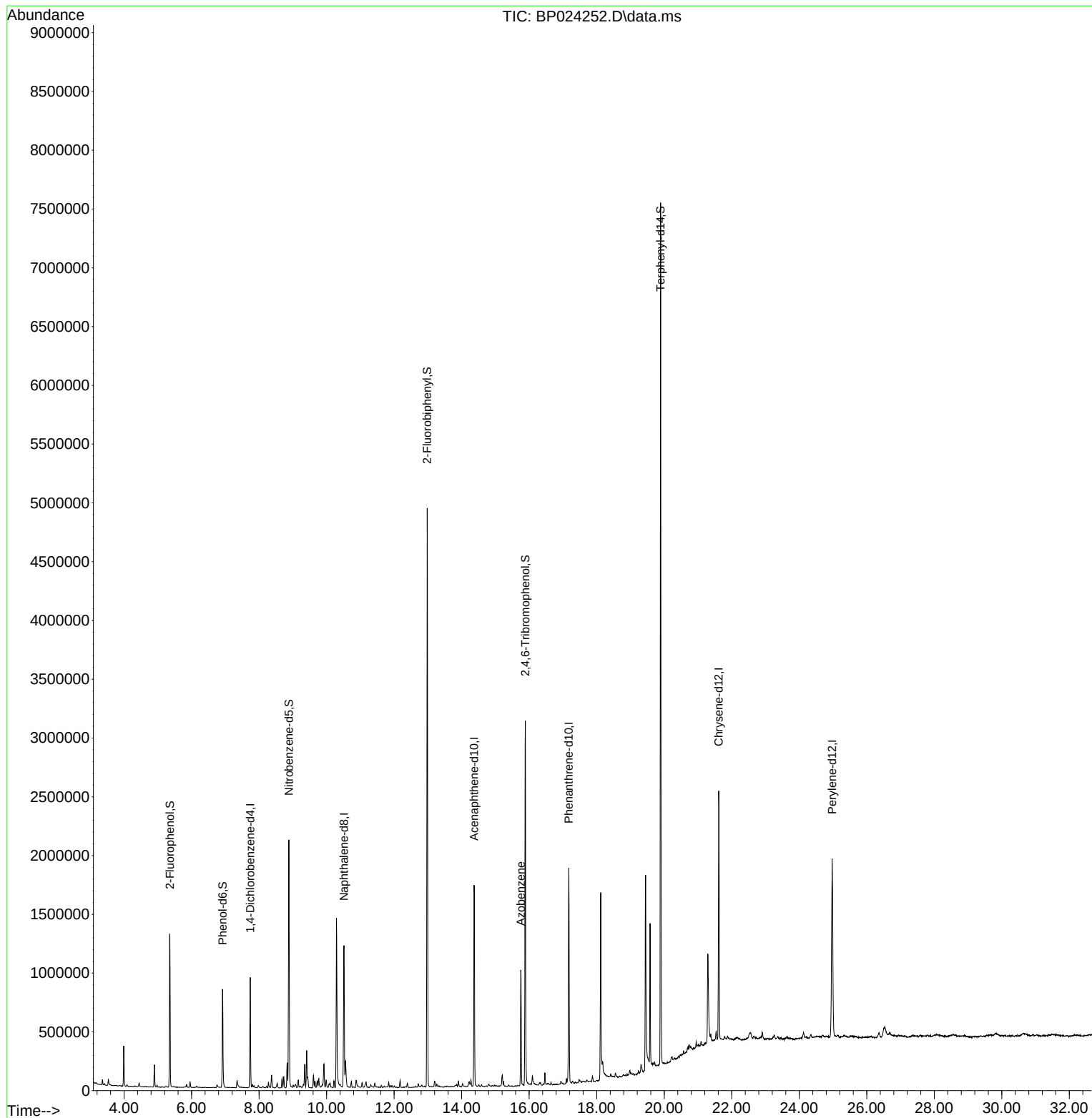
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	262571	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1031585	20.000	ng	-0.01
39) Acenaphthene-d10	14.369	164	601225	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1138233	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1210776	20.000	ng	-0.03
86) Perylene-d12	24.974	264	1465709	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	610148	37.094	ng	0.00
7) Phenol-d6	6.916	99	505067	22.961	ng	-0.01
23) Nitrobenzene-d5	8.881	82	1201824	65.732	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	634476	83.779	ng	-0.01
45) 2-Fluorobiphenyl	12.981	172	2505509	61.449	ng	-0.02
79) Terphenyl-d14	19.892	244	3422578	58.351	ng	-0.02
Target Compounds						
63) Azobenzene	15.751	77	280712	7.109	ng	Qvalue # 1

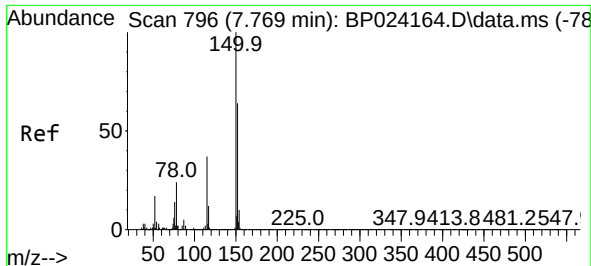
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
Data File : BP024252.D
Acq On : 10 Apr 2025 14:36
Operator : RC/JU
Sample : Q1746-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-158-GW01

Quant Time: Apr 10 15:01:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

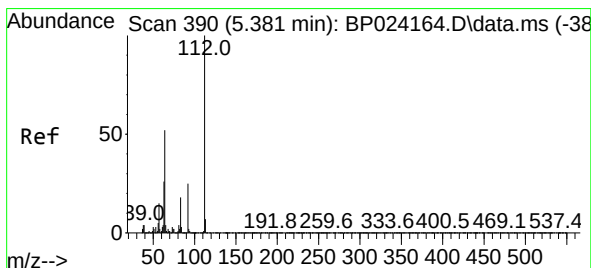
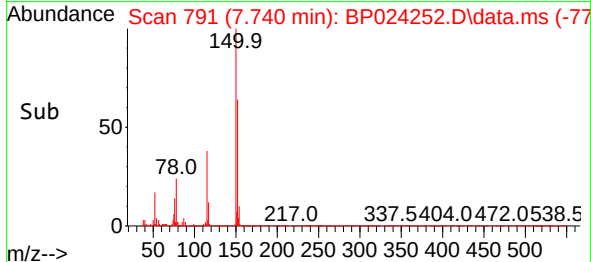
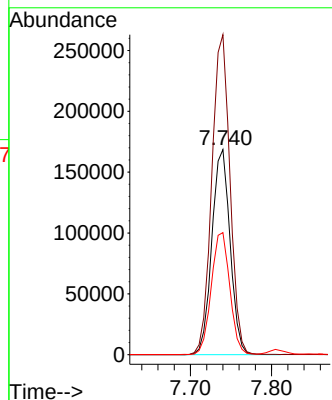
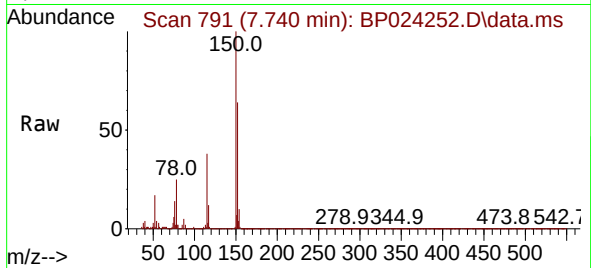




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

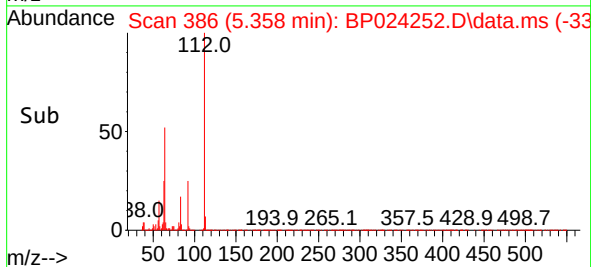
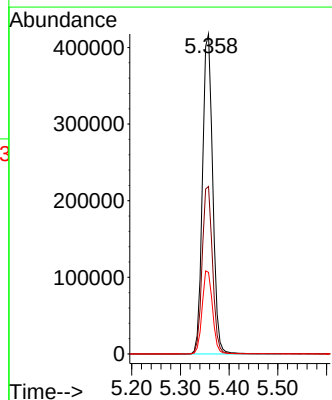
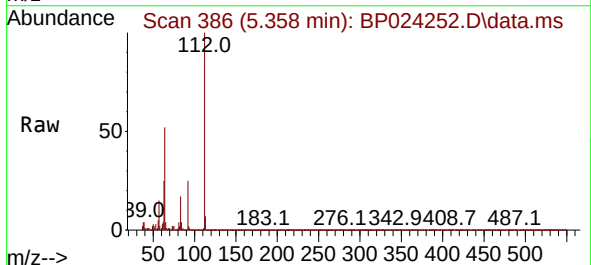
Instrument :
BNA_P
ClientSampleId :
B-158-GW01

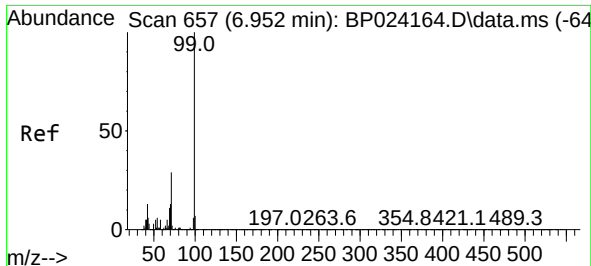
Tgt Ion:152 Resp: 262571
Ion Ratio Lower Upper
152 100
150 156.1 125.5 188.3
115 59.6 46.3 69.5



#5
2-Fluorophenol
Concen: 37.094 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

Tgt Ion:112 Resp: 610148
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 25.5 20.6 31.0

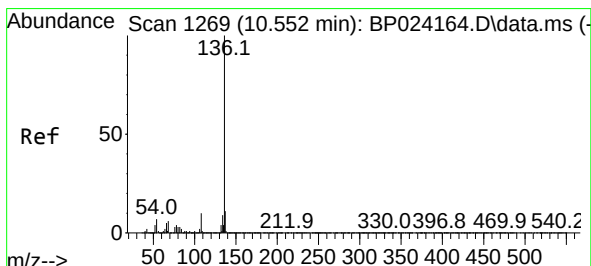
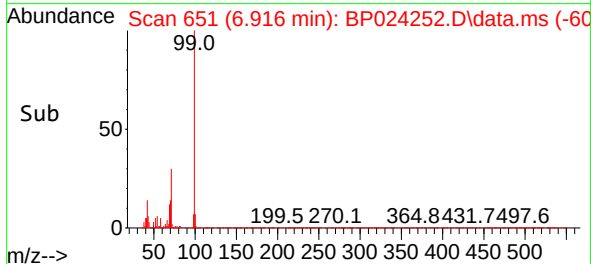
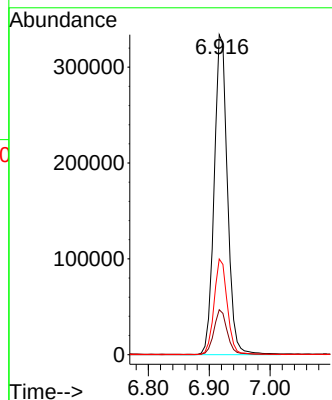
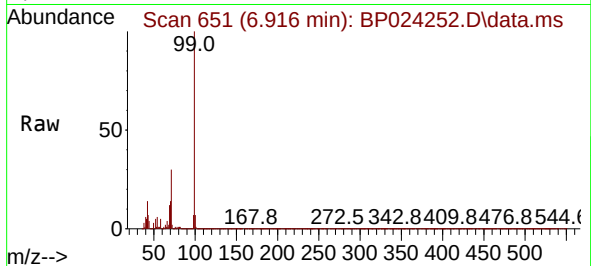




#7
Phenol-d6
Concen: 22.961 ng
RT: 6.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

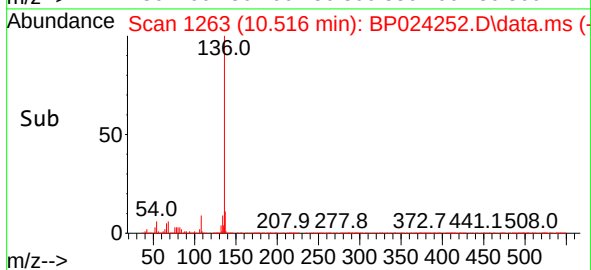
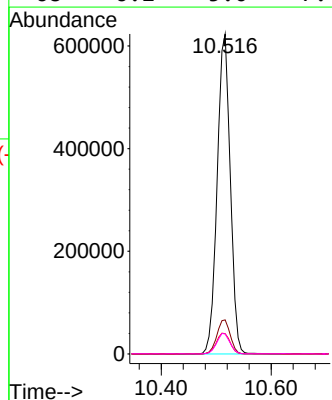
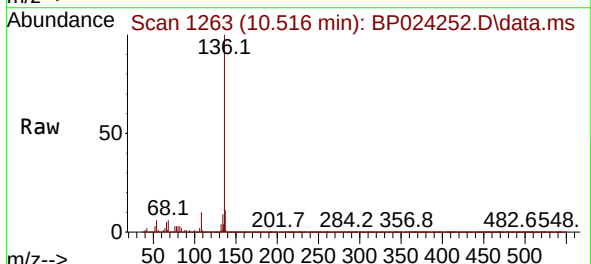
Instrument :
BNA_P
ClientSampleId :
B-158-GW01

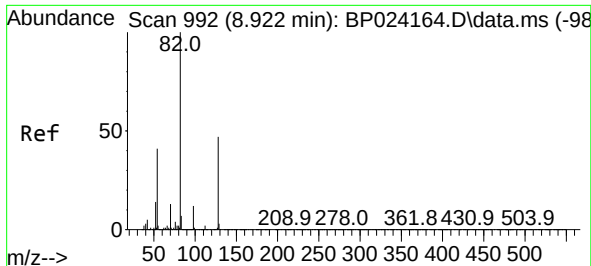
Tgt Ion: 99 Resp: 505067
Ion Ratio Lower Upper
99 100
42 14.1 10.6 16.0
71 29.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.012 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

Tgt Ion:136 Resp: 1031585
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.4 5.3 7.9
68 6.2 5.0 7.4

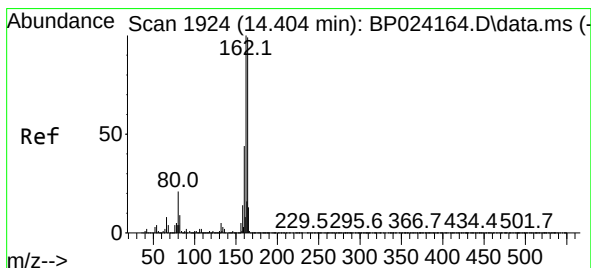
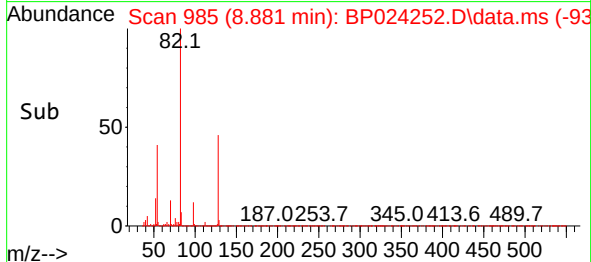
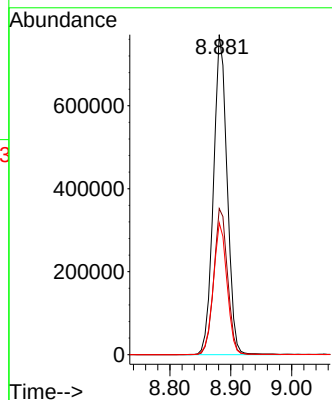
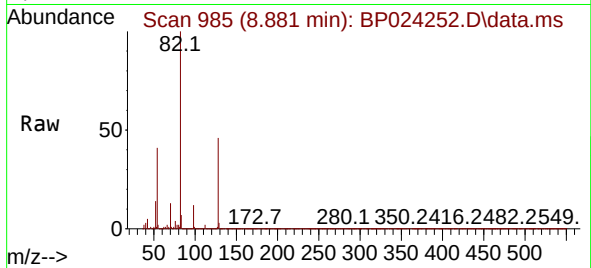




#23
Nitrobenzene-d5
Concen: 65.732 ng
RT: 8.881 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

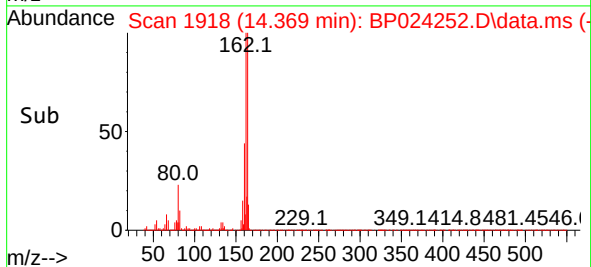
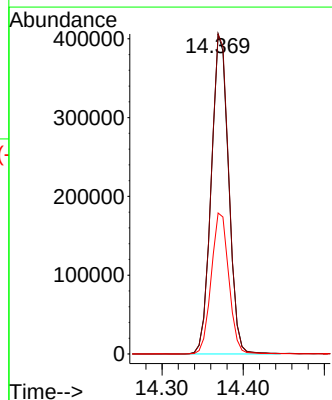
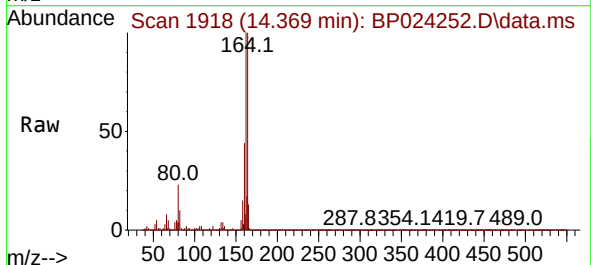
Instrument :
BNA_P
ClientSampleId :
B-158-GW01

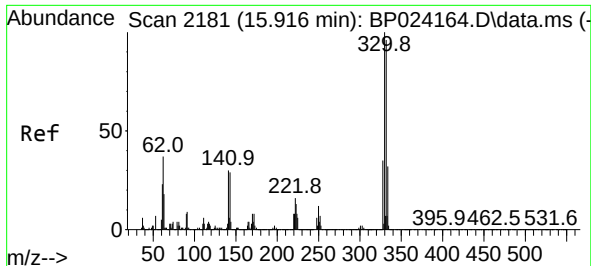
Tgt Ion: 82 Resp: 1201824
Ion Ratio Lower Upper
82 100
128 45.6 37.4 56.0
54 41.2 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.023 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

Tgt Ion: 164 Resp: 601225
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.1 35.4 53.2

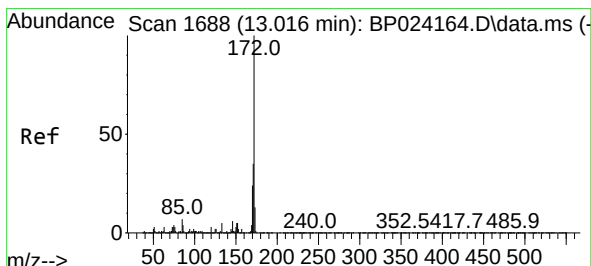
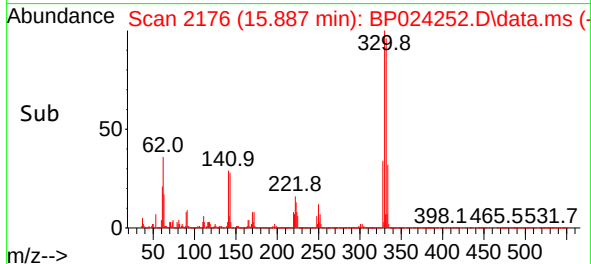
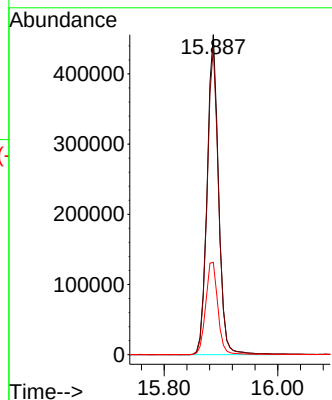
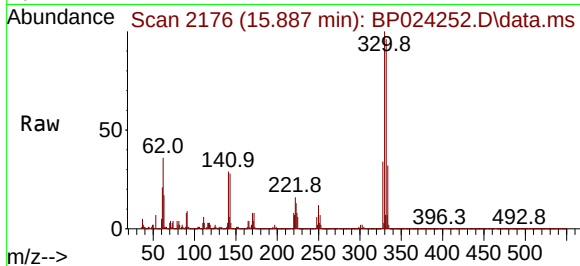




#42
2,4,6-Tribromophenol
Concen: 83.779 ng
RT: 15.887 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

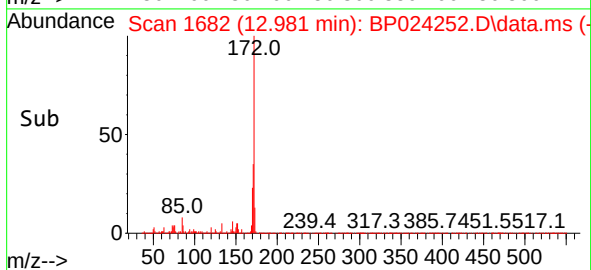
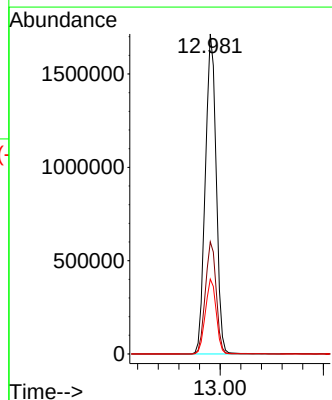
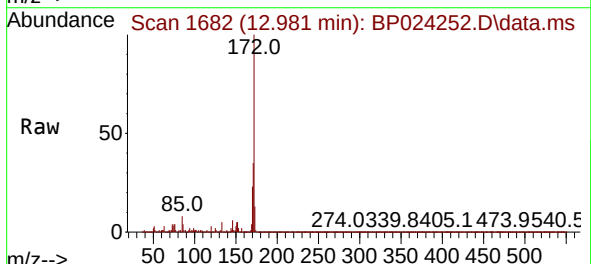
Instrument :
BNA_P
ClientSampleId :
B-158-GW01

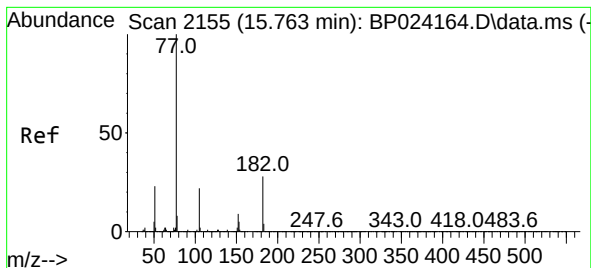
Tgt Ion: 330 Resp: 634476
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 30.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 61.449 ng
RT: 12.981 min Scan# 1682
Delta R.T. -0.017 min
Lab File: BP024252.D
Acq: 10 Apr 2025 14:36

Tgt Ion: 172 Resp: 2505509
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.4 19.0 28.4





#63

Azobenzene

Concen: 7.109 ng

RT: 15.751 min Scan# 2155

Delta R.T. 0.000 min

Lab File: BP024252.D

Acq: 10 Apr 2025 14:36

Instrument :

BNA_P

ClientSampleId :

B-158-GW01

Tgt Ion: 77 Resp: 280712

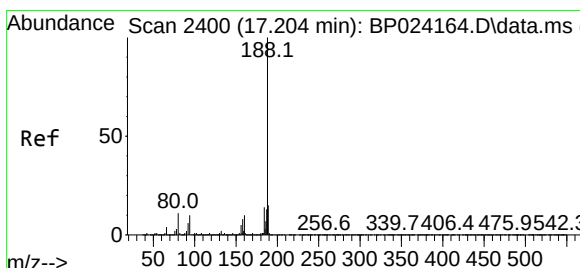
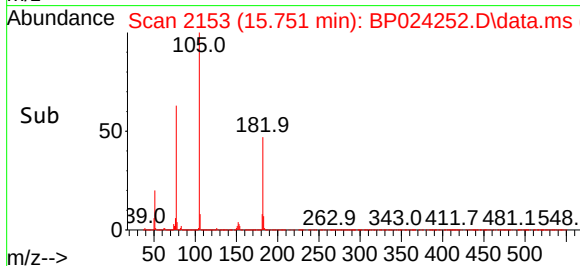
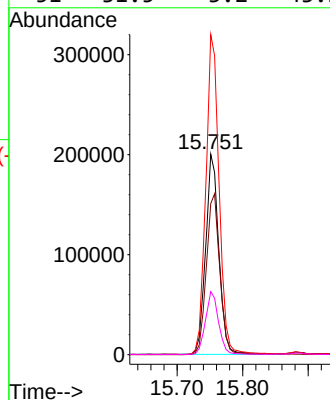
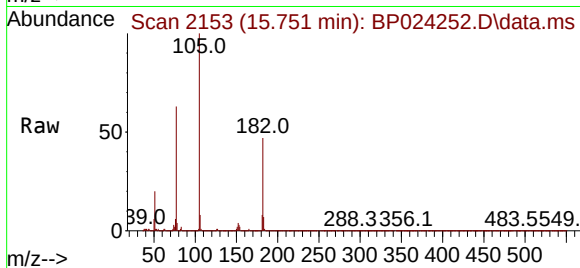
Ion Ratio Lower Upper

77 100

182 75.4 7.7 47.7#

105 159.7 2.3 42.3#

51 31.5 3.2 43.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2395

Delta R.T. -0.017 min

Lab File: BP024252.D

Acq: 10 Apr 2025 14:36

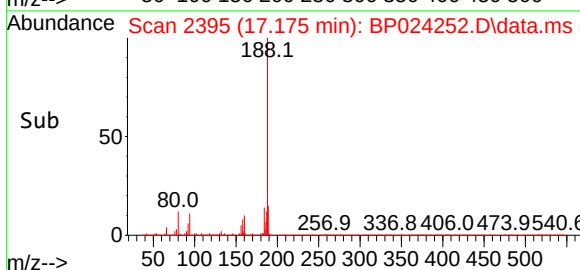
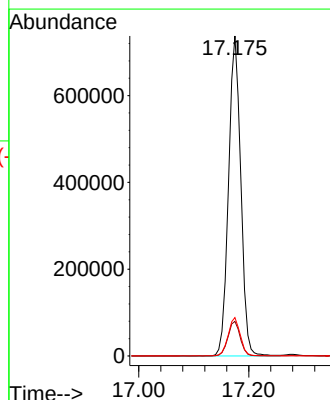
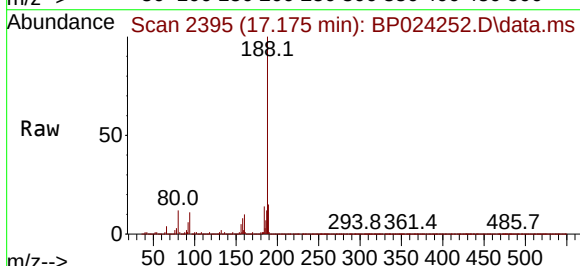
Tgt Ion:188 Resp: 1138233

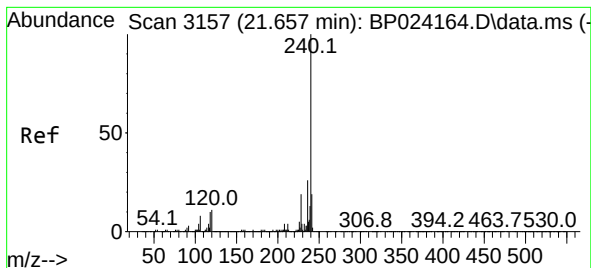
Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

80 12.0 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 31

Delta R.T. -0.029 min

Lab File: BP024252.D

Acq: 10 Apr 2025 14:36

Instrument :

BNA_P

ClientSampleId :

B-158-GW01

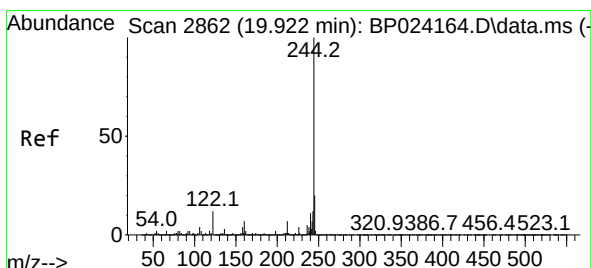
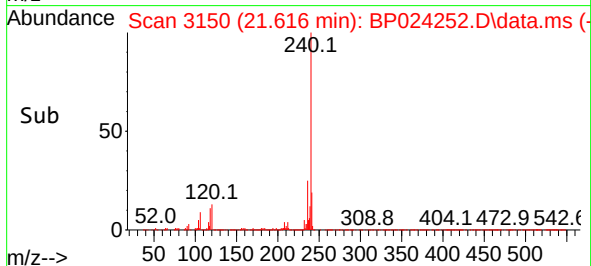
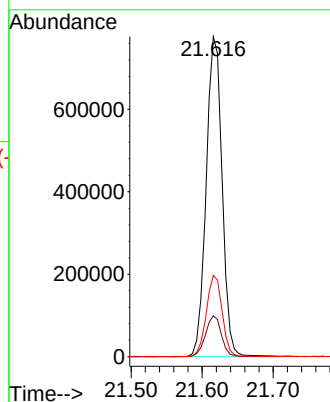
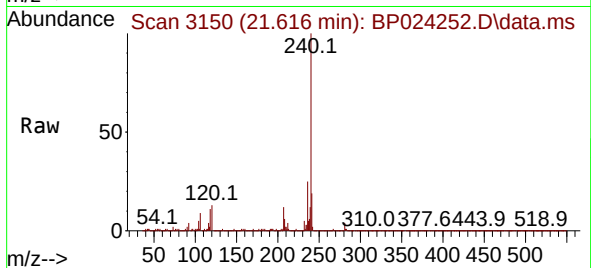
Tgt Ion:240 Resp: 1210776

Ion Ratio Lower Upper

240 100

120 12.8 9.2 13.8

236 25.4 20.4 30.6



#79

Terphenyl-d14

Concen: 58.351 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.023 min

Lab File: BP024252.D

Acq: 10 Apr 2025 14:36

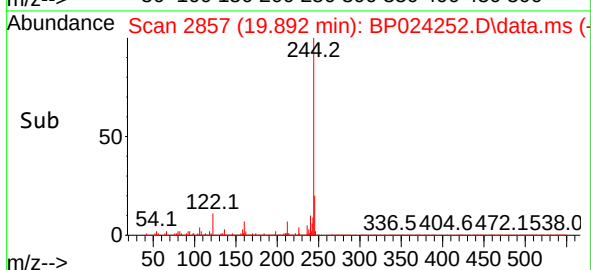
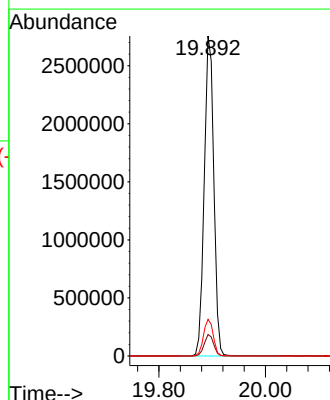
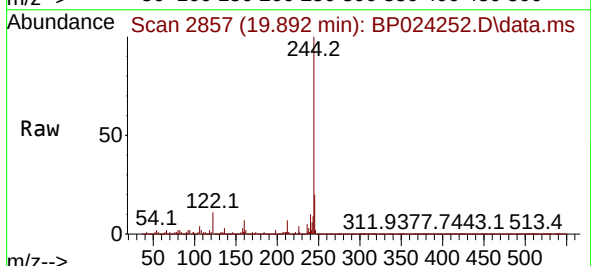
Tgt Ion:244 Resp: 3422578

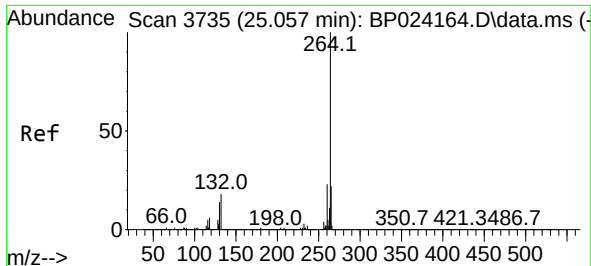
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 11.4 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 31
 Delta R.T. -0.035 min
 Lab File: BP024252.D
 Acq: 10 Apr 2025 14:36

Instrument :
 BNA_P
 ClientSampleId :
 B-158-GW01

Tgt Ion:264 Resp: 1465709

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.0	17.7	26.5

