

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041025\
 Data File : BP024253.D
 Acq On : 10 Apr 2025 15:17
 Operator : RC/JU
 Sample : Q1746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-149-GW01

Quant Time: Apr 10 15:48:25 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)

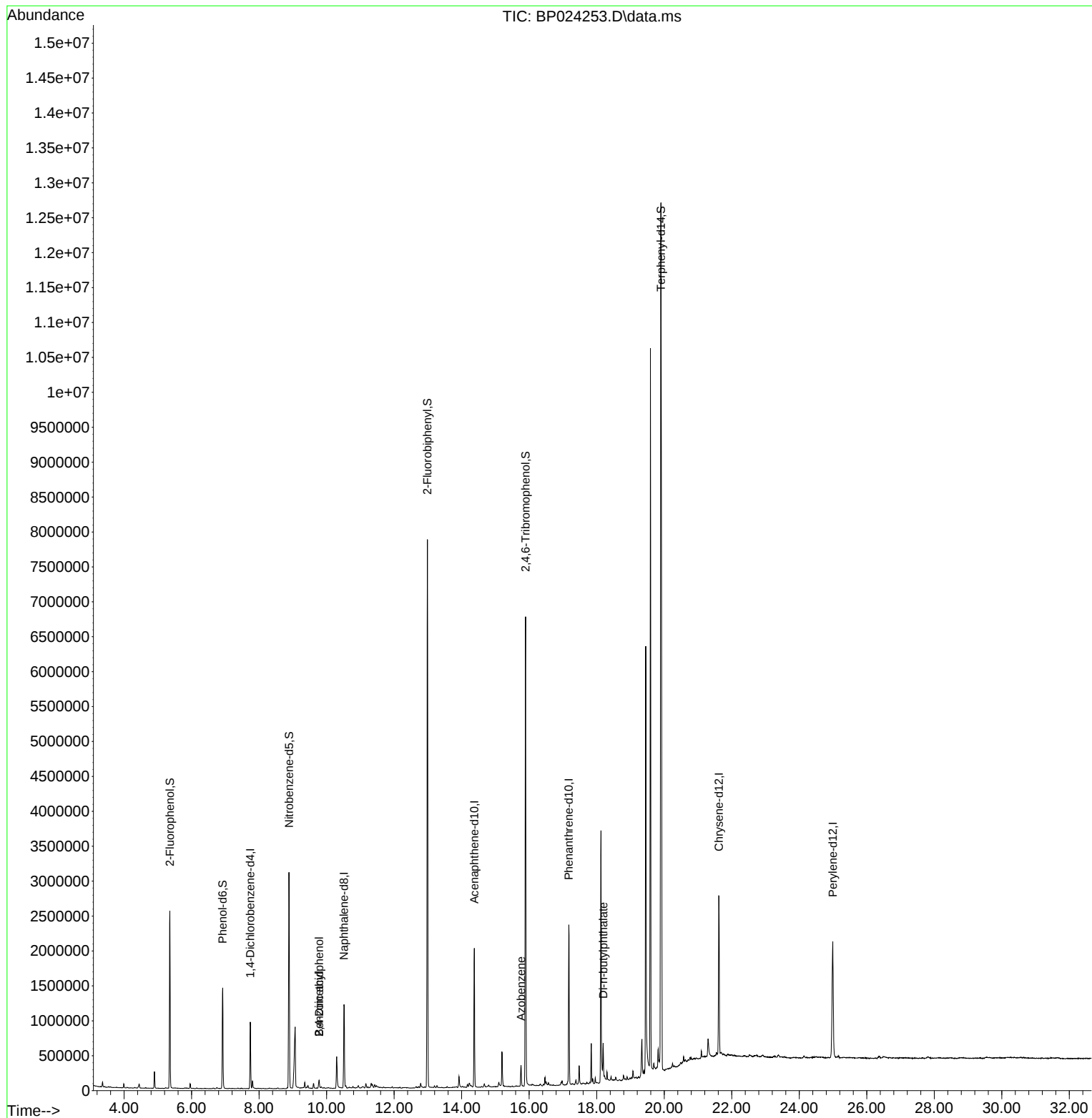
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	262973	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	1043722	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	640452	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1285267	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1386094	20.000	ng	-0.02
86) Perylene-d12	24.992	264	1576982	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1128096	68.477	ng	0.00
7) Phenol-d6	6.922	99	898829	40.800	ng	0.00
23) Nitrobenzene-d5	8.887	82	1844811	99.726	ng	0.00
42) 2,4,6-Tribromophenol	15.893	330	1385077	171.690	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	4085839	94.069	ng	-0.01
79) Terphenyl-d14	19.904	244	6465473	96.286	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.781	122	50283	4.486	ng	# 5
32) Benzoic acid	9.781	122	50283	4.600	ng	96
63) Azobenzene	15.757	77	85388	2.030	ng	# 1
74) Di-n-butylphthalate	18.192	149	313010	3.998	ng	99

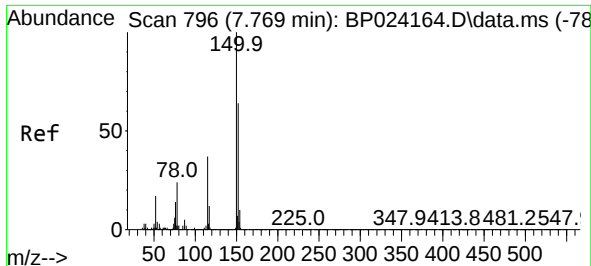
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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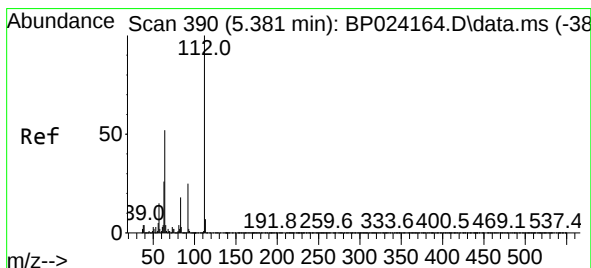
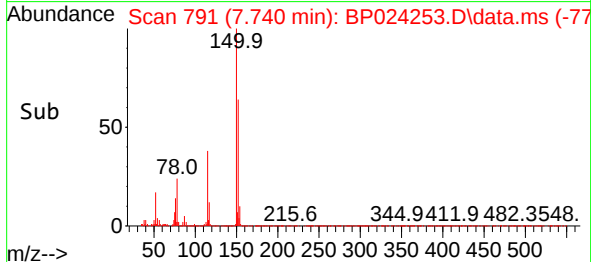
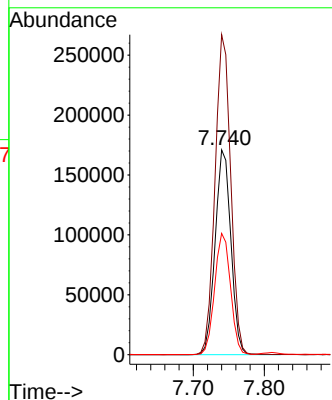
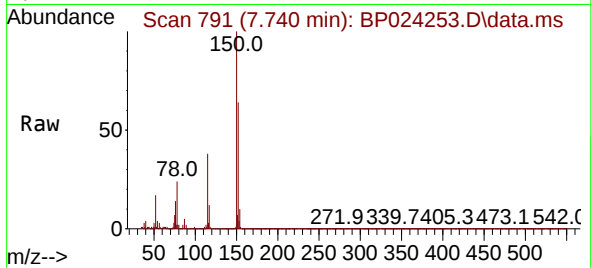




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

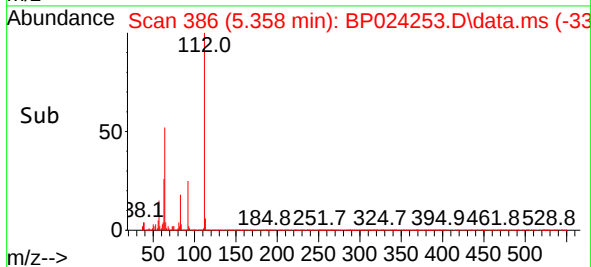
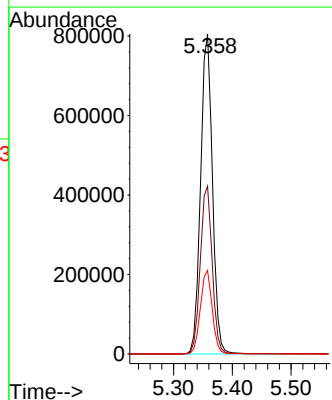
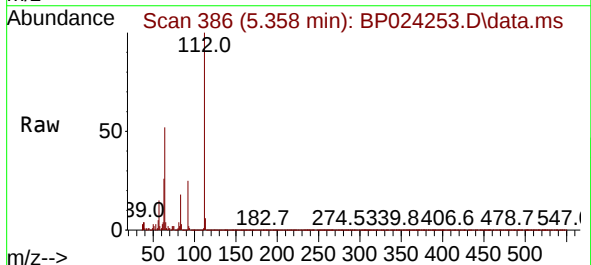
Instrument :
BNA_P
ClientSampleId :
B-149-GW01

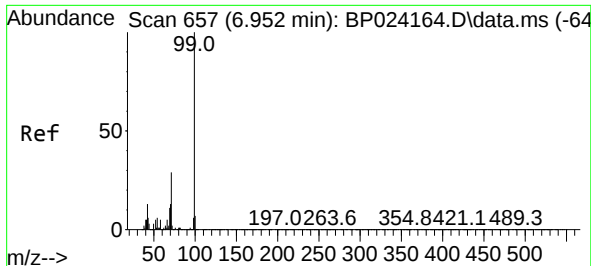
Tgt Ion:152 Resp: 262973
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 59.2 46.3 69.5



#5
2-Fluorophenol
Concen: 68.477 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

Tgt Ion:112 Resp: 1128096
Ion Ratio Lower Upper
112 100
64 52.5 41.3 61.9
63 26.1 20.6 31.0

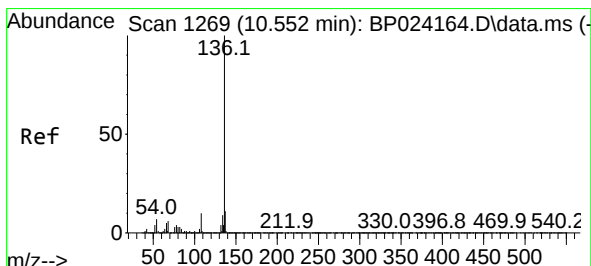
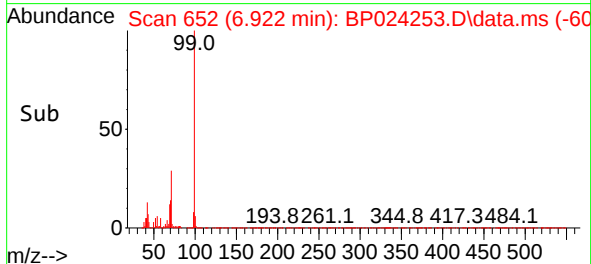
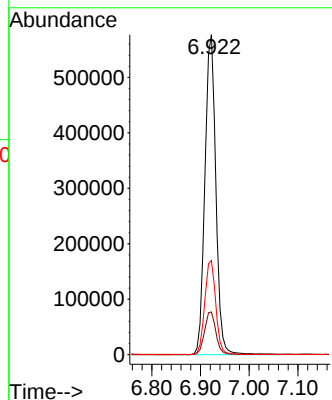
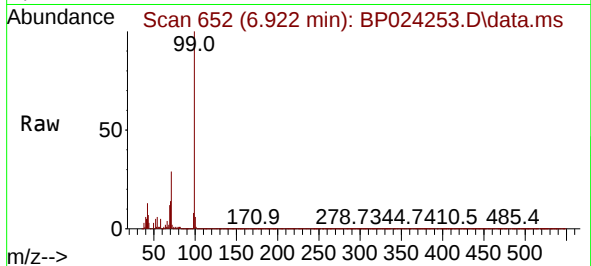




#7
Phenol-d6
Concen: 40.800 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

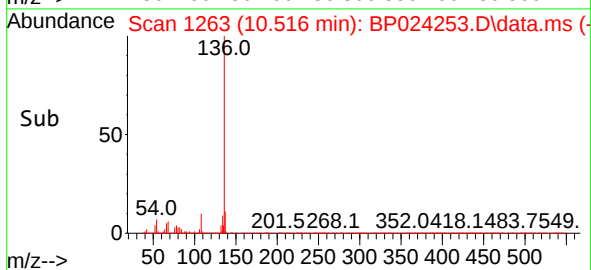
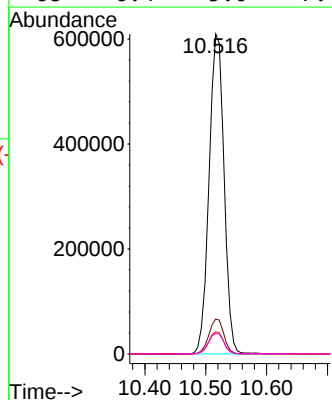
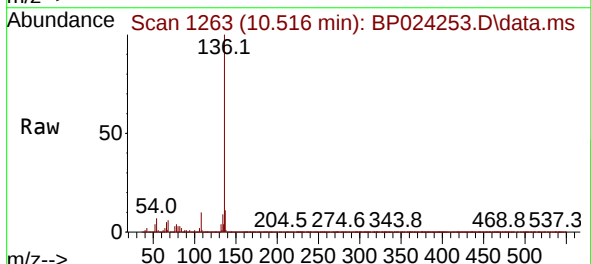
Instrument :
BNA_P
ClientSampleId :
B-149-GW01

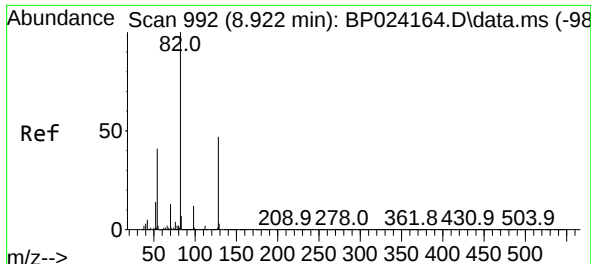
Tgt Ion: 99 Resp: 898829
Ion Ratio Lower Upper
99 100
42 13.4 10.6 16.0
71 29.5 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.011 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

Tgt Ion:136 Resp: 1043722
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.0 5.3 7.9
68 6.4 5.0 7.4

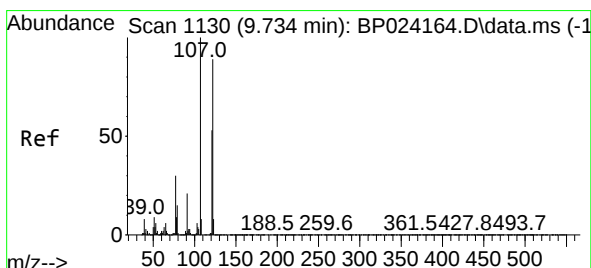
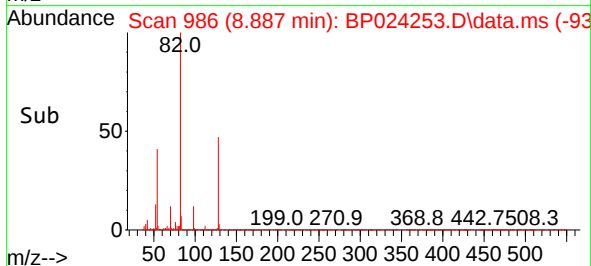
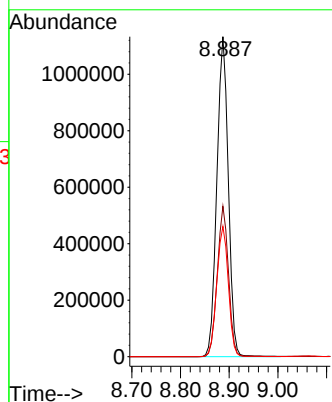
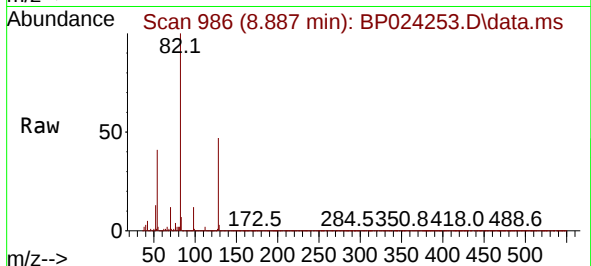




#23
Nitrobenzene-d5
Concen: 99.726 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

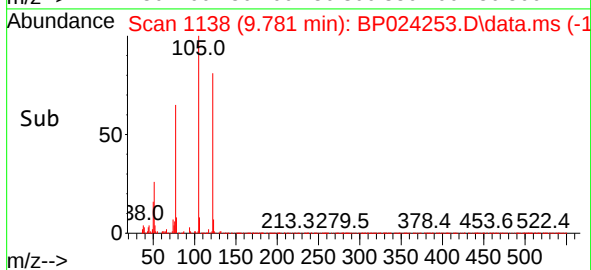
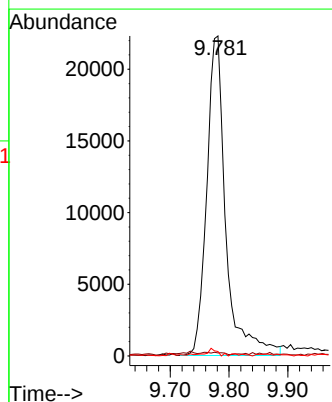
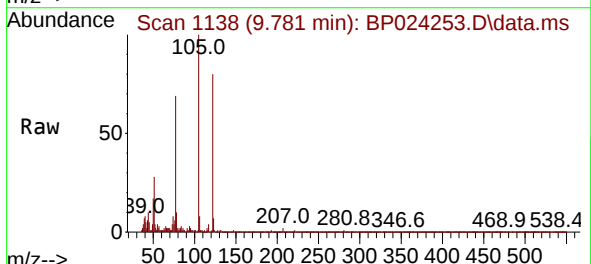
Instrument :
BNA_P
ClientSampleId :
B-149-GW01

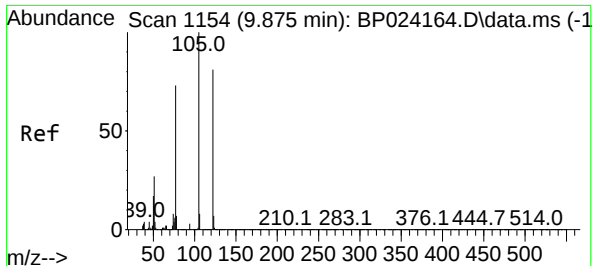
Tgt Ion: 82 Resp: 1844811
Ion Ratio Lower Upper
82 100
128 47.0 37.4 56.0
54 40.7 32.5 48.7



#27
2,4-Dimethylphenol
Concen: 4.486 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.071 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

Tgt Ion: 122 Resp: 50283
Ion Ratio Lower Upper
122 100
107 1.0 89.3 133.9#
121 1.4 47.5 71.3#

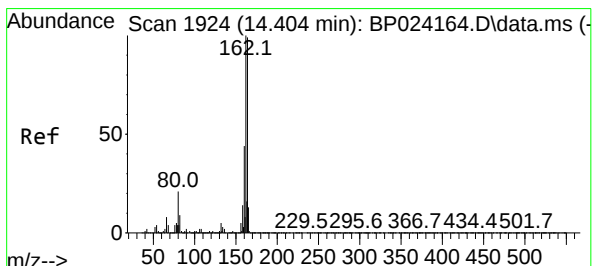
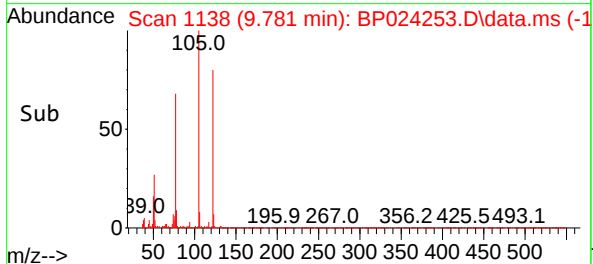
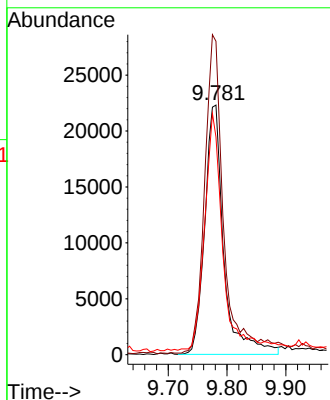
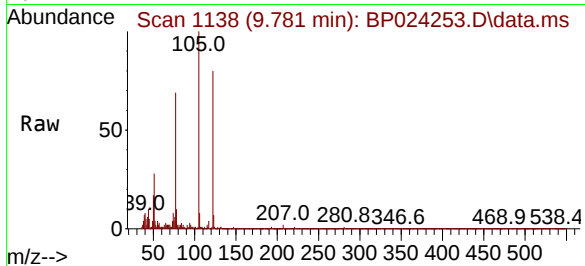




#32
Benzoic acid
Concen: 4.600 ng
RT: 9.781 min Scan# 1154
Delta R.T. -0.070 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

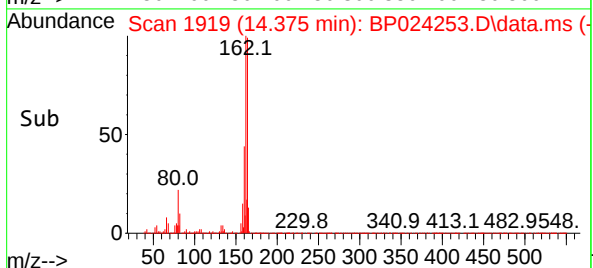
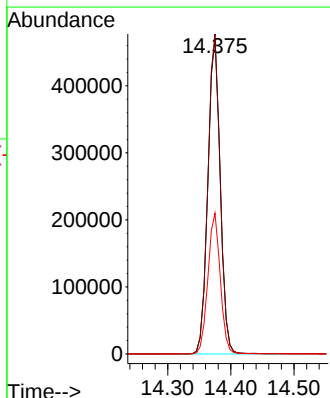
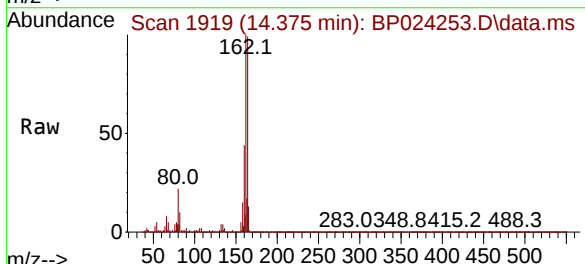
Instrument :
BNA_P
ClientSampleId :
B-149-GW01

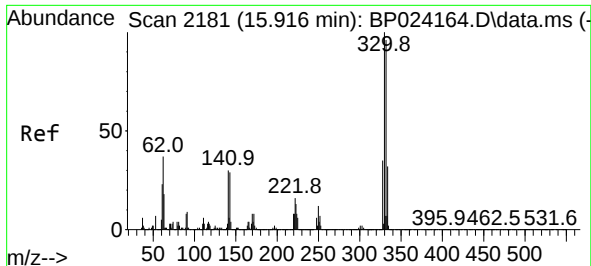
Tgt Ion:122 Resp: 50283
Ion Ratio Lower Upper
122 100
105 125.6 100.3 140.3
77 87.3 69.1 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.017 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

Tgt Ion:164 Resp: 640452
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 44.6 35.4 53.2

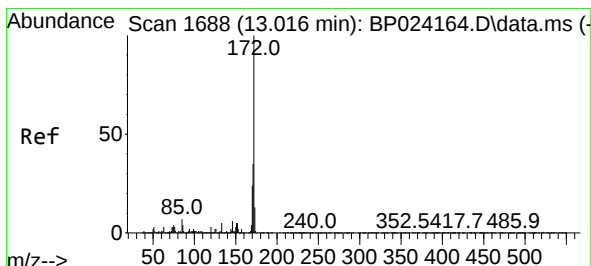
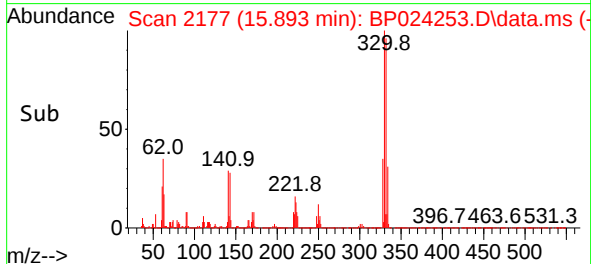
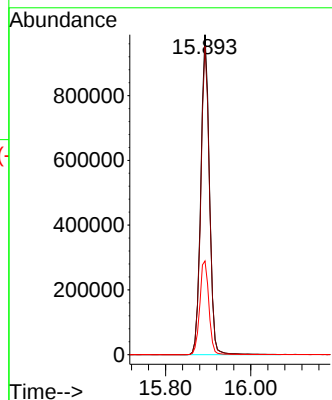
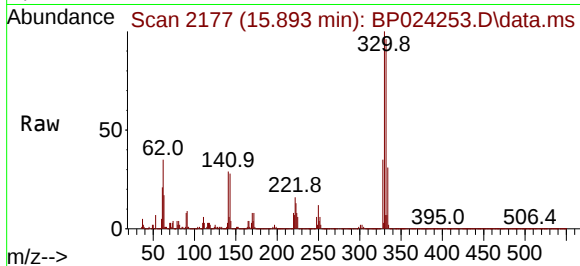




#42
2,4,6-Tribromophenol
Concen: 171.690 ng
RT: 15.893 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

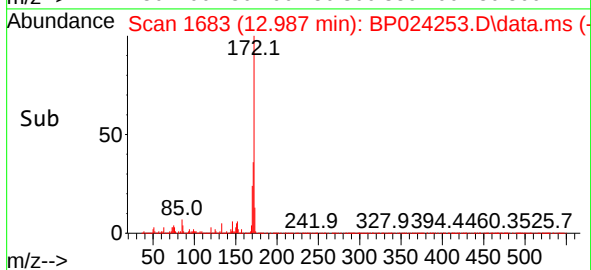
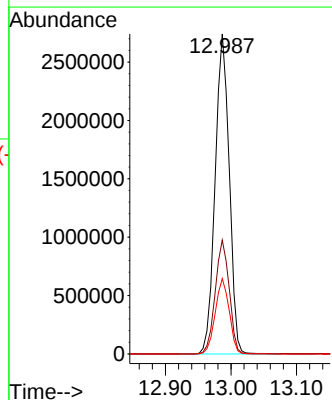
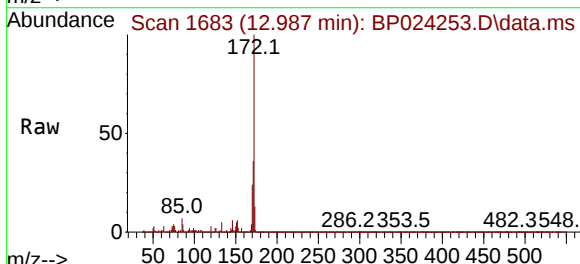
Instrument :
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B-149-GW01

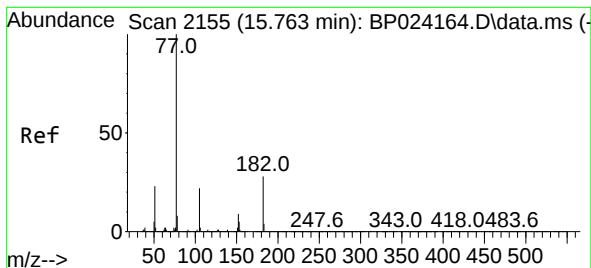
Tgt Ion: 330 Resp: 1385077
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.9 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 94.069 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.011 min
Lab File: BP024253.D
Acq: 10 Apr 2025 15:17

Tgt Ion: 172 Resp: 4085839
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.4





#63

Azobenzene

Concen: 2.030 ng

RT: 15.757 min Scan# 2155

Delta R.T. 0.006 min

Lab File: BP024253.D

Acq: 10 Apr 2025 15:17

Instrument :

BNA_P

ClientSampleId :

B-149-GW01

Tgt Ion: 77 Resp: 85388

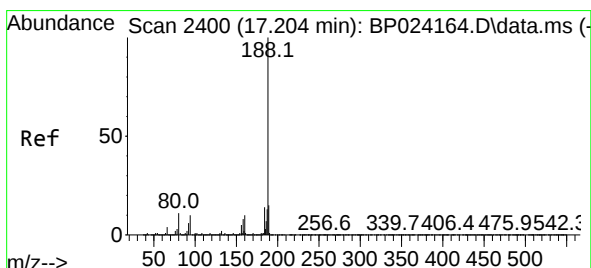
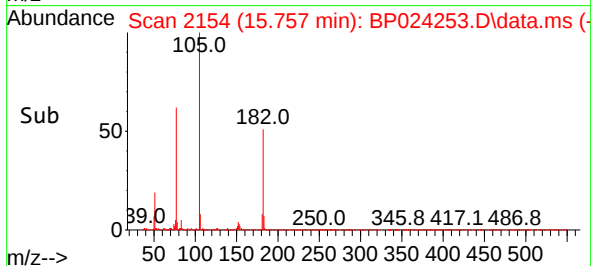
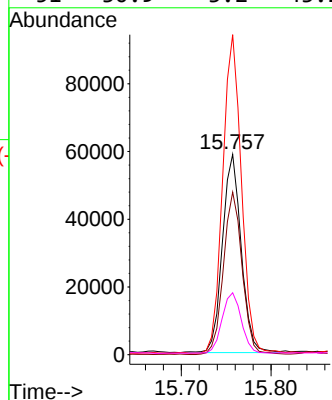
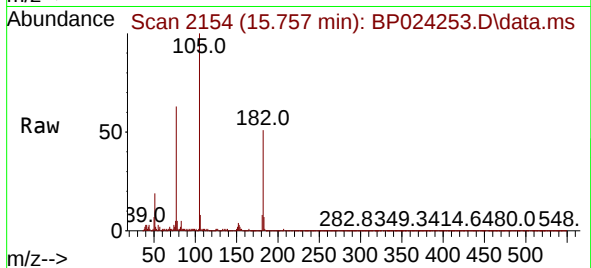
Ion Ratio Lower Upper

77 100

182 81.1 7.7 47.7#

105 159.7 2.3 42.3#

51 30.9 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: BP024253.D

Acq: 10 Apr 2025 15:17

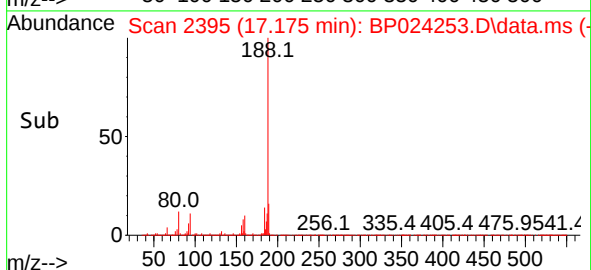
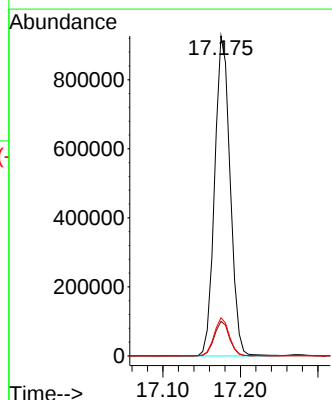
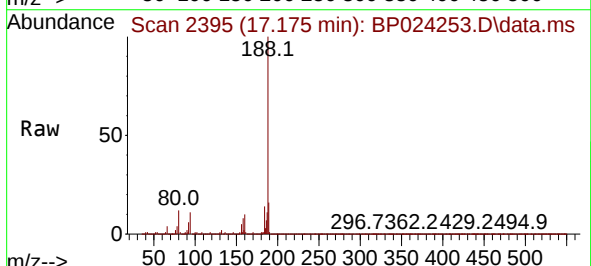
Tgt Ion: 188 Resp: 1285267

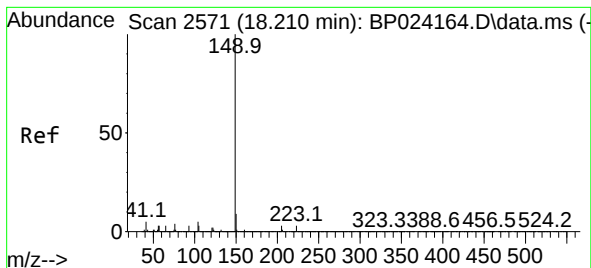
Ion Ratio Lower Upper

188 100

94 10.8 8.1 12.1

80 11.9 8.9 13.3





#74

Di-n-butylphthalate

Concen: 3.998 ng

RT: 18.192 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP024253.D

Acq: 10 Apr 2025 15:17

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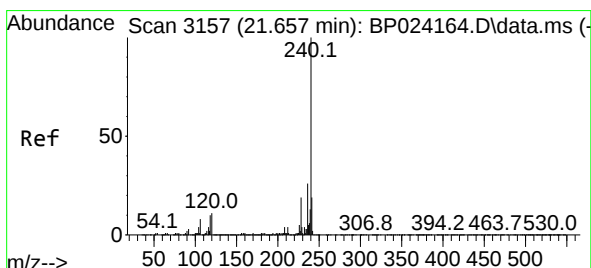
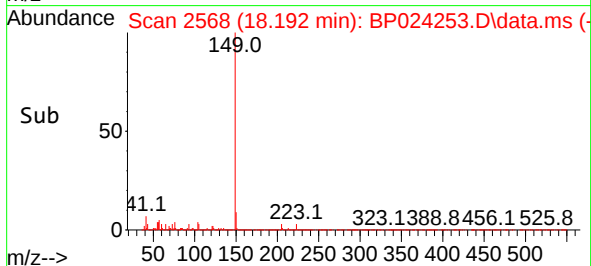
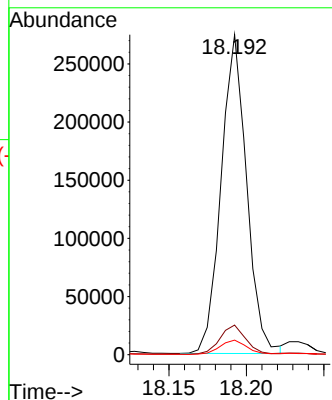
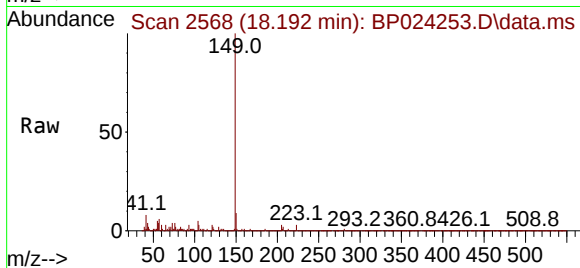
Tgt Ion:149 Resp: 313010

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 4.6 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3151

Delta R.T. -0.023 min

Lab File: BP024253.D

Acq: 10 Apr 2025 15:17

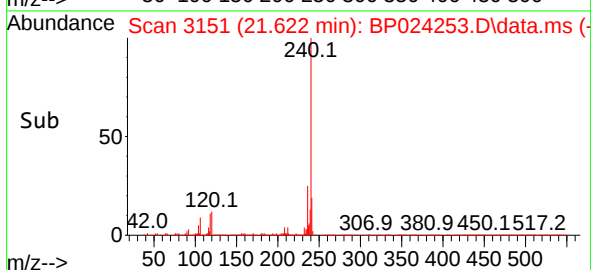
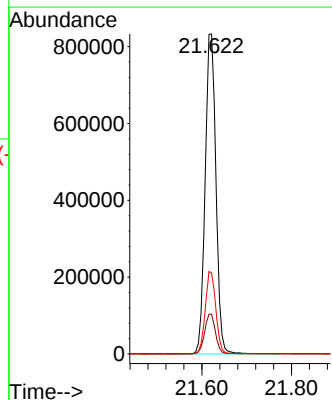
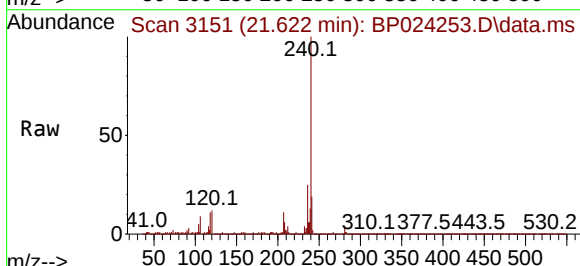
Tgt Ion:240 Resp: 1386094

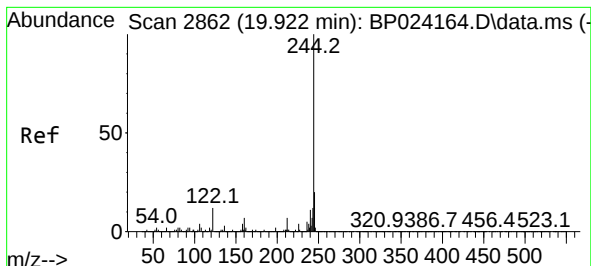
Ion Ratio Lower Upper

240 100

120 12.4 9.2 13.8

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 96.286 ng

RT: 19.904 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP024253.D

Acq: 10 Apr 2025 15:17

Instrument :

BNA_P

ClientSampleId :

B-149-GW01

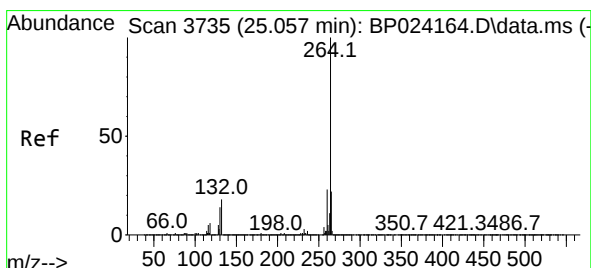
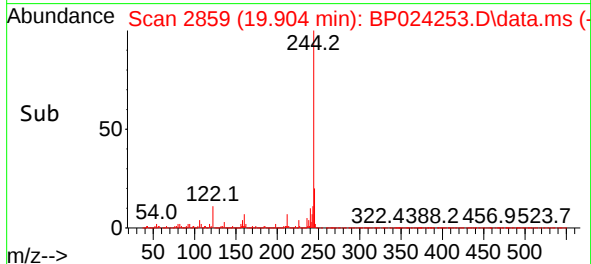
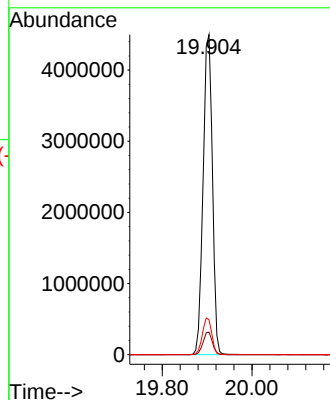
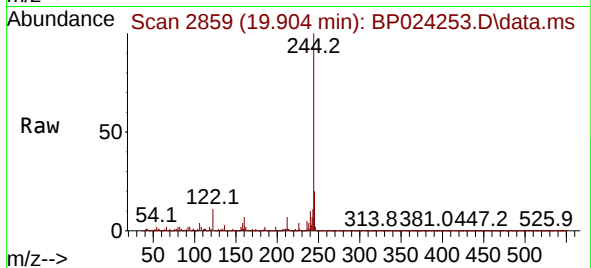
Tgt Ion:244 Resp: 6465473

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.9 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.992 min Scan# 3724

Delta R.T. -0.017 min

Lab File: BP024253.D

Acq: 10 Apr 2025 15:17

Tgt Ion:264 Resp: 1576982

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.5 17.7 26.5

