

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024120.D
 Acq On : 27 Feb 2025 14:27
 Operator : RC/JU
 Sample : Q1421-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-CLAY-CF01-01

Quant Time: Feb 27 14:51:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

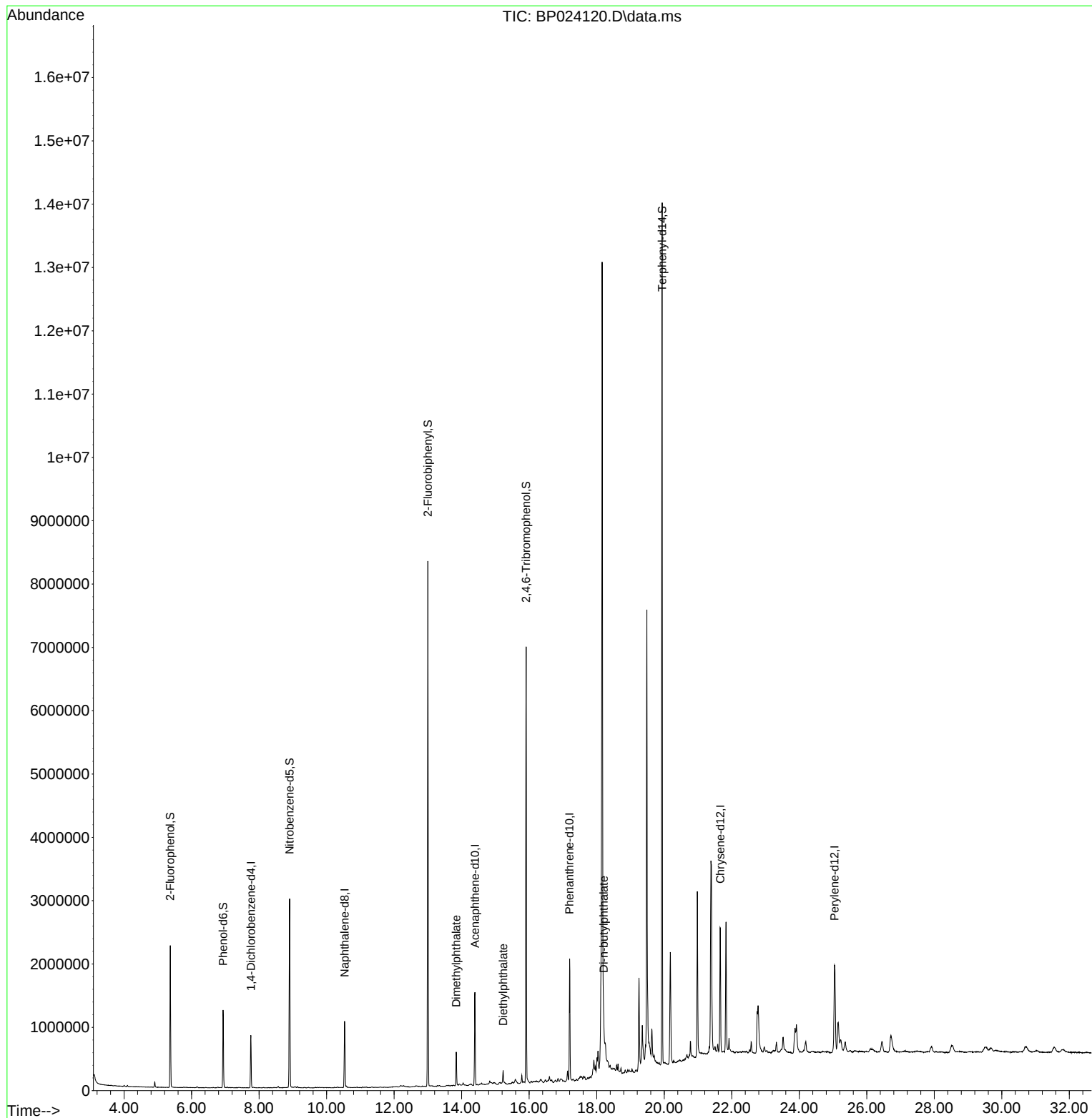
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	228273	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	878256	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	521945	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1053304	20.000	ng	0.01
76) Chrysene-d12	21.663	240	1205739	20.000	ng	0.02
86) Perylene-d12	25.045	264	1422369	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	982493	67.158	ng	0.00
7) Phenol-d6	6.934	99	734598	39.068	ng	-0.01
23) Nitrobenzene-d5	8.905	82	1706966	108.430	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1139631	178.256	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	3797628	101.717	ng	0.00
79) Terphenyl-d14	19.939	244	6560754	107.669	ng	0.02
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.840	163	350377	9.517	ng	99
60) Diethylphthalate	15.228	149	147300	4.030	ng	99
74) Di-n-butylphthalate	18.210	149	130919	2.069	ng	100

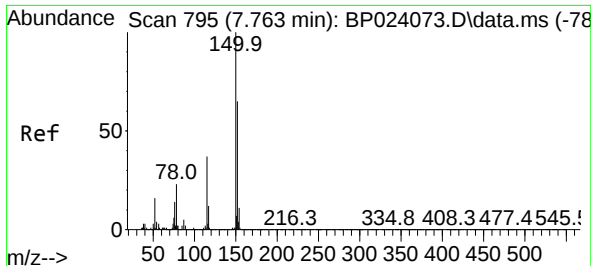
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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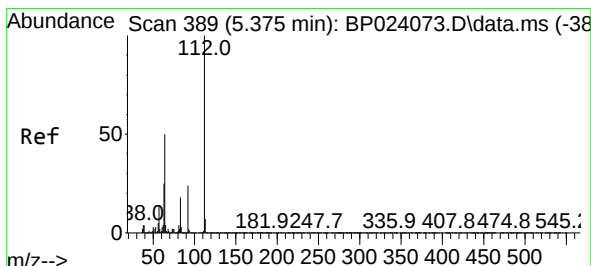
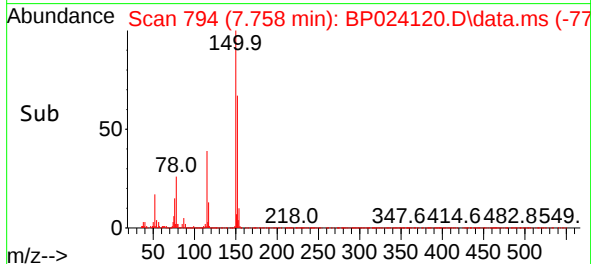
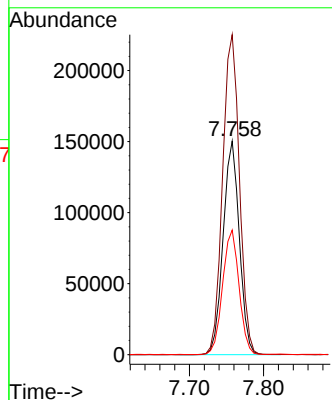
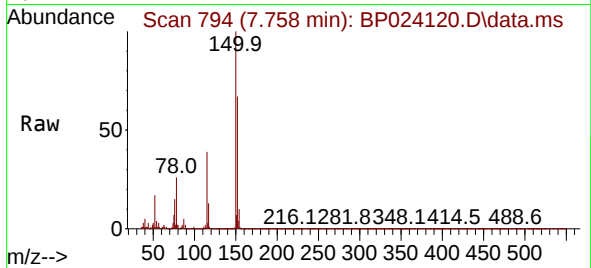




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 795
Delta R.T. -0.005 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

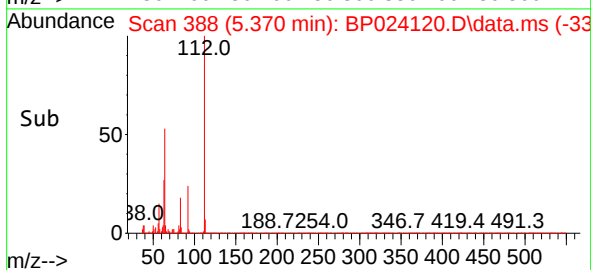
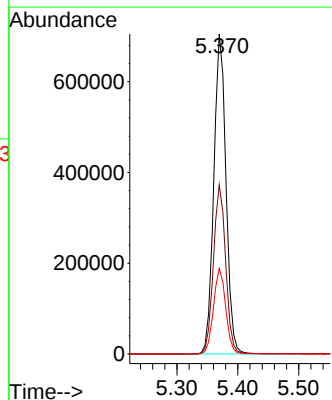
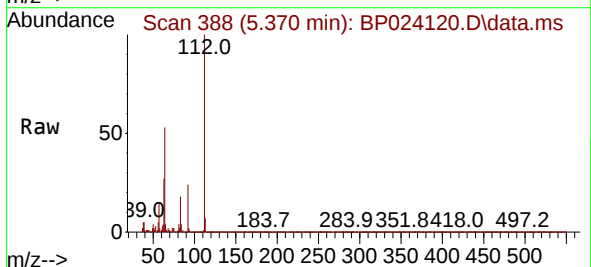
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01

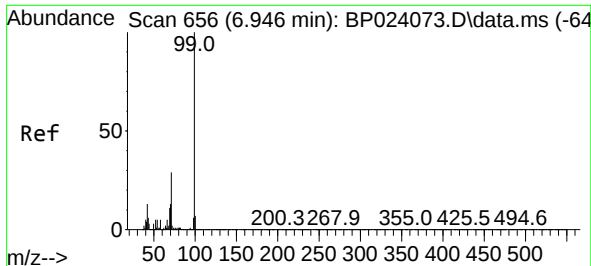
Tgt Ion:152 Resp: 228273
Ion Ratio Lower Upper
152 100
150 149.9 122.4 183.6
115 58.3 45.0 67.6



#5
2-Fluorophenol
Concen: 67.158 ng
RT: 5.370 min Scan# 388
Delta R.T. -0.006 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

Tgt Ion:112 Resp: 982493
Ion Ratio Lower Upper
112 100
64 52.8 39.6 59.4
63 26.7 20.3 30.5

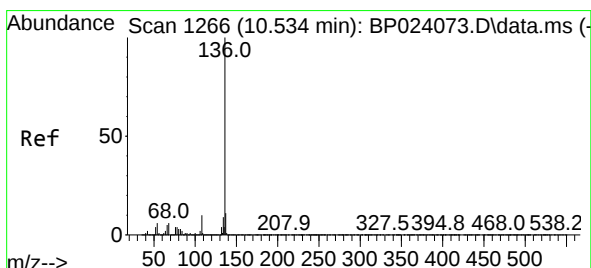
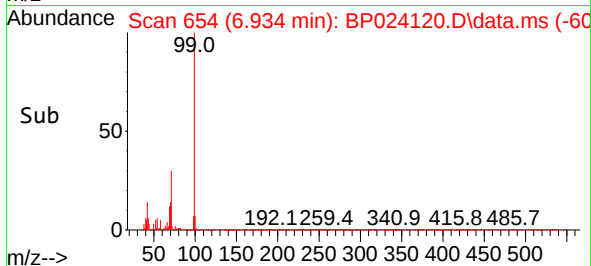
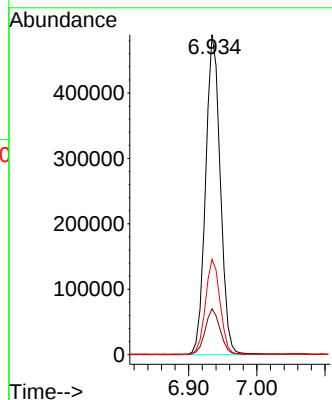
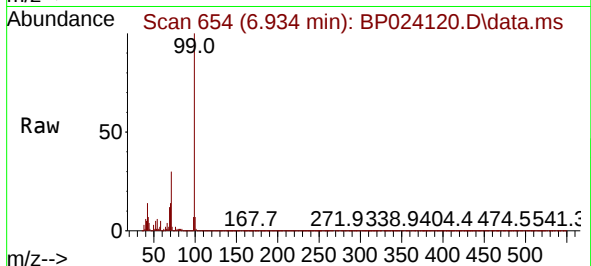




#7
Phenol-d6
Concen: 39.068 ng
RT: 6.934 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

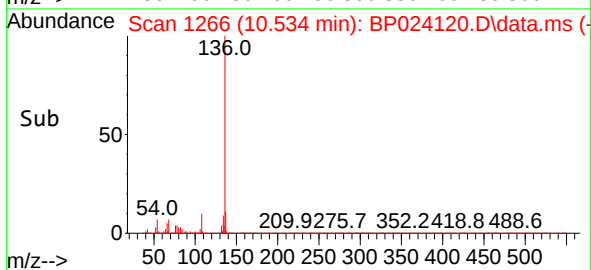
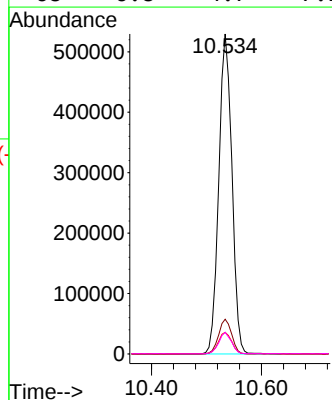
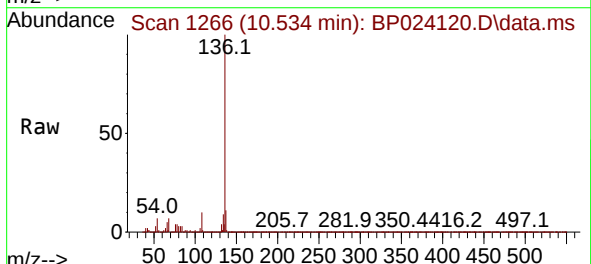
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01

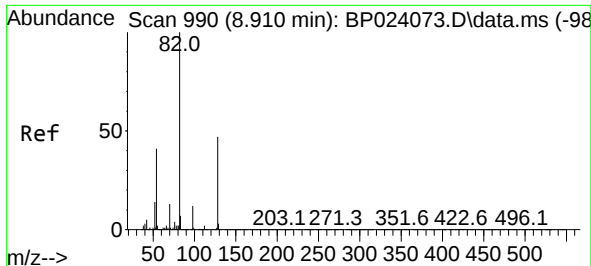
Tgt Ion: 99 Resp: 734598
Ion Ratio Lower Upper
99 100
42 14.4 10.3 15.5
71 29.8 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

Tgt Ion:136 Resp: 878256
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.7 4.9 7.3
68 6.8 4.7 7.1

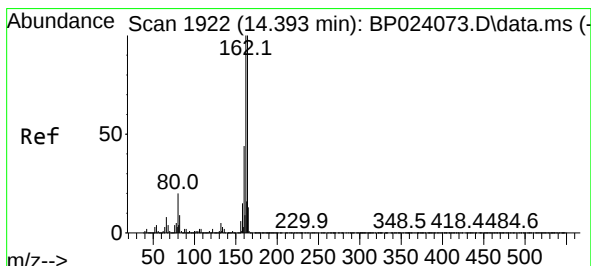
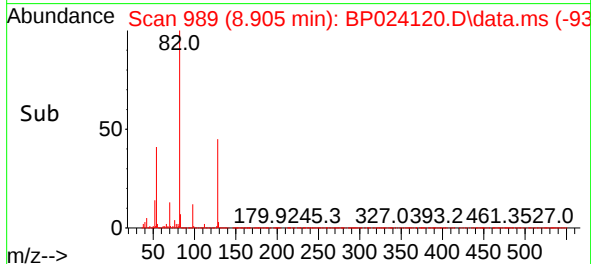
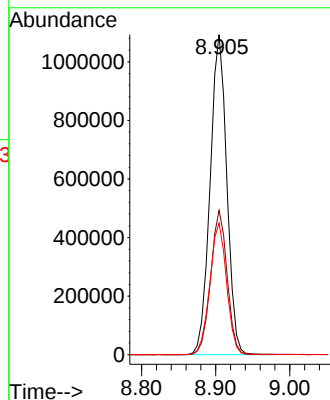
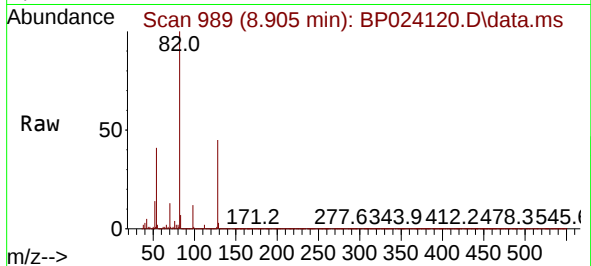




#23
Nitrobenzene-d5
Concen: 108.430 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

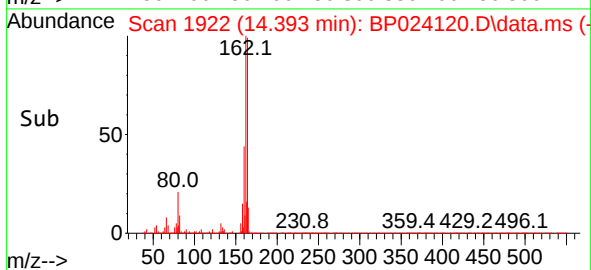
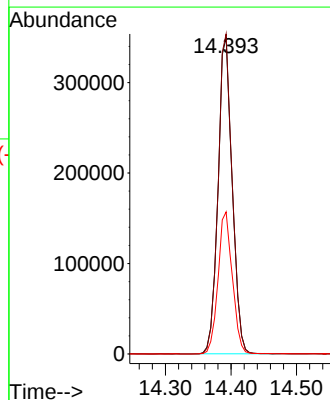
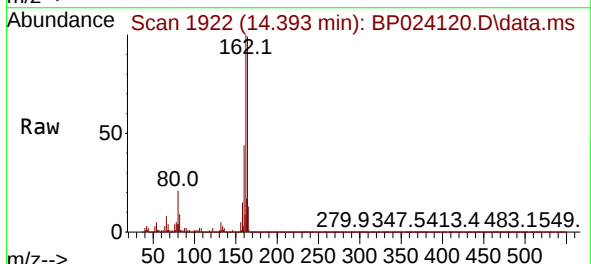
Instrument :
BNA_P
ClientSampleId :
P001-CLAY-CF01-01

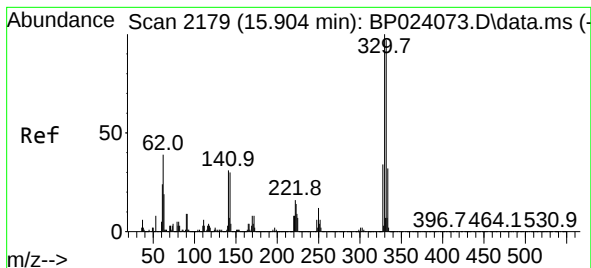
Tgt Ion: 82 Resp: 1706966
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 41.1 32.4 48.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1922
Delta R.T. 0.000 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

Tgt Ion:164 Resp: 521945
Ion Ratio Lower Upper
164 100
162 101.1 80.1 120.1
160 44.9 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 178.256 ng

RT: 15.910 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01

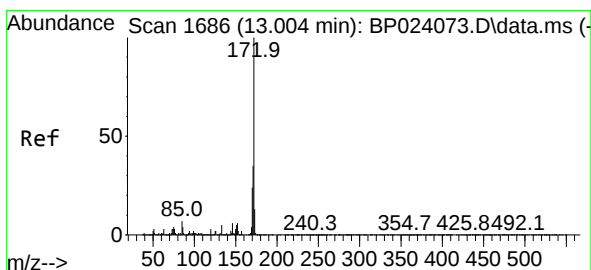
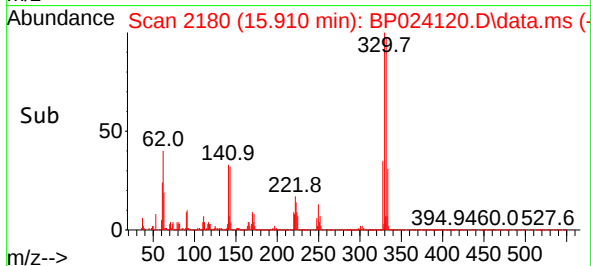
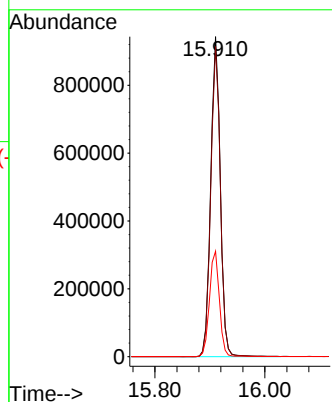
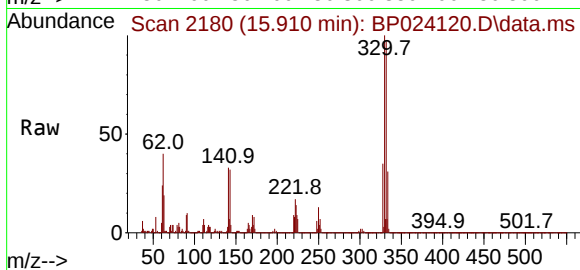
Tgt Ion:330 Resp: 1139631

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.4

141 34.0 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 101.717 ng

RT: 12.999 min Scan# 1685

Delta R.T. -0.006 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

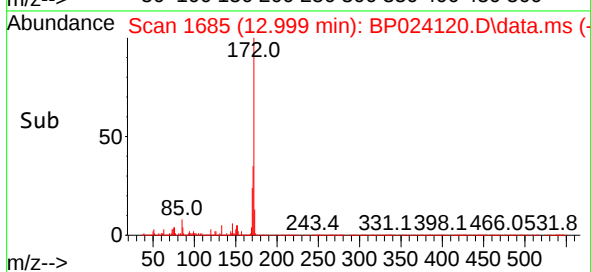
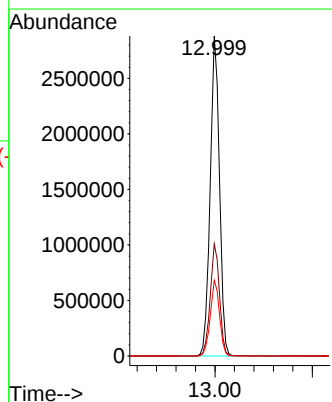
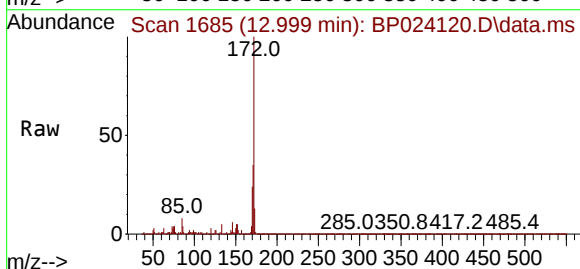
Tgt Ion:172 Resp: 3797628

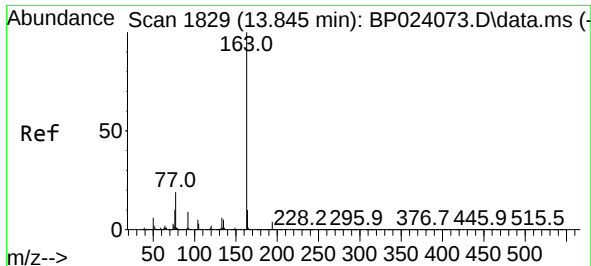
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.6 19.0 28.6

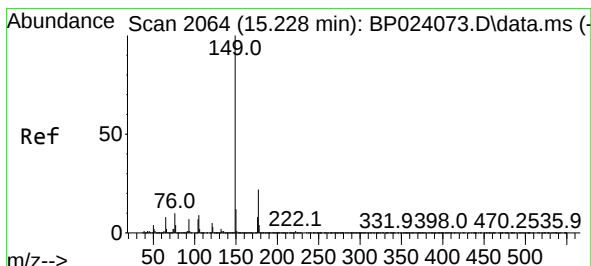
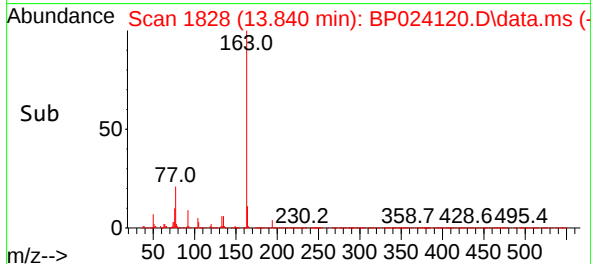
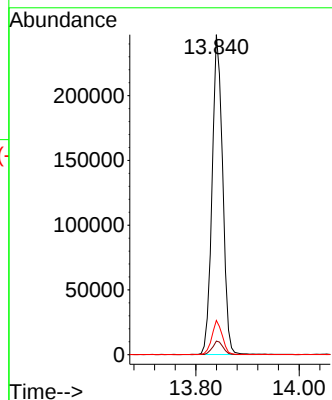
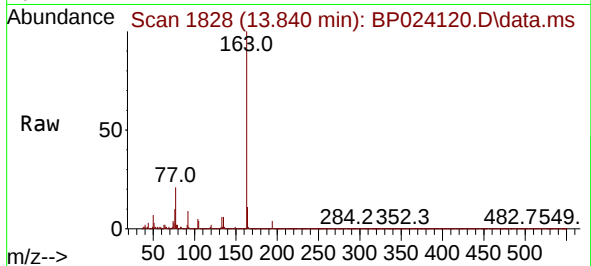




#50
Dimethylphthalate
Concen: 9.517 ng
RT: 13.840 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

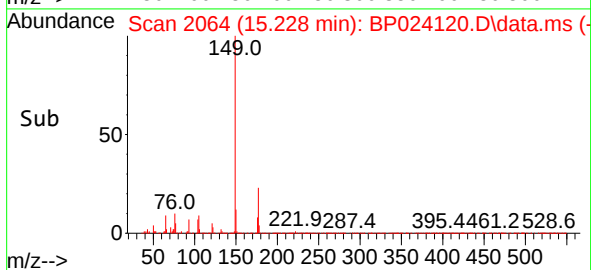
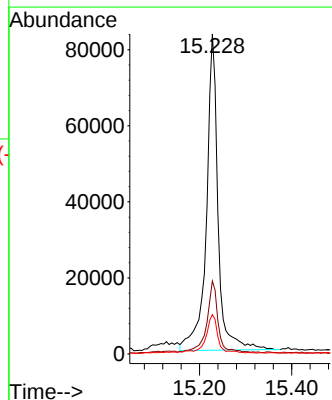
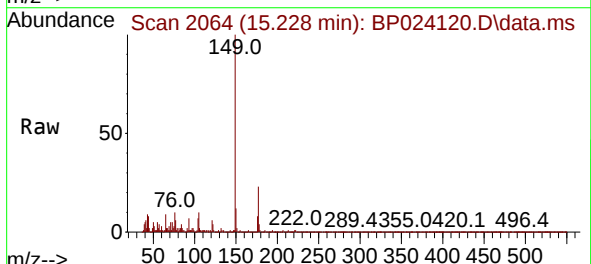
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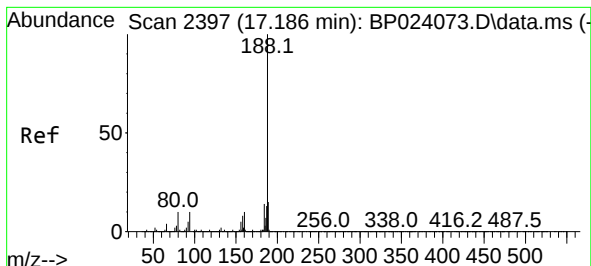
Tgt Ion:163 Resp: 350377
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.7 8.1 12.1



#60
Diethylphthalate
Concen: 4.030 ng
RT: 15.228 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BP024120.D
Acq: 27 Feb 2025 14:27

Tgt Ion:149 Resp: 147300
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.3 9.8 14.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

Instrument :

BNA_P

ClientSampleId :

P001-CLAY-CF01-01

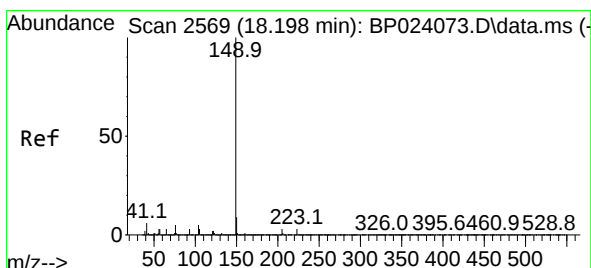
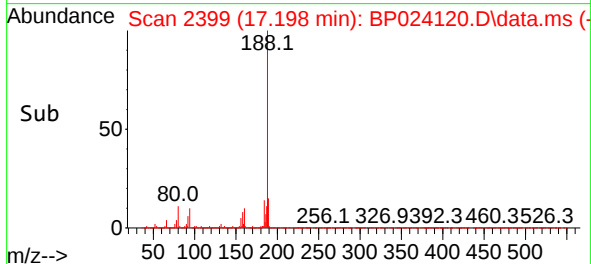
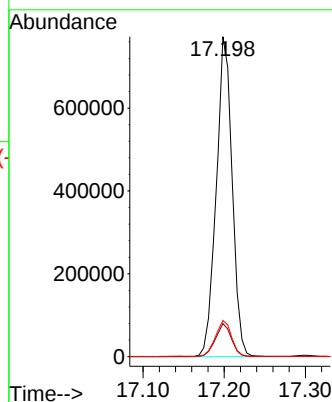
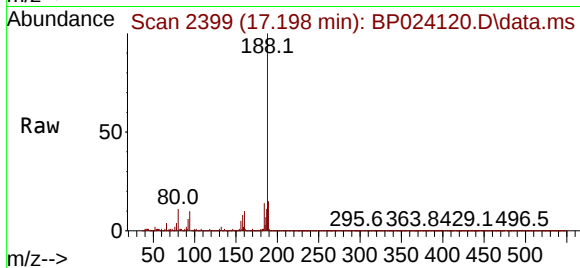
Tgt Ion:188 Resp: 1053304

Ion Ratio Lower Upper

188 100

94 10.4 7.6 11.4

80 11.3 8.2 12.2



#74

Di-n-butylphthalate

Concen: 2.069 ng

RT: 18.210 min Scan# 2571

Delta R.T. 0.012 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

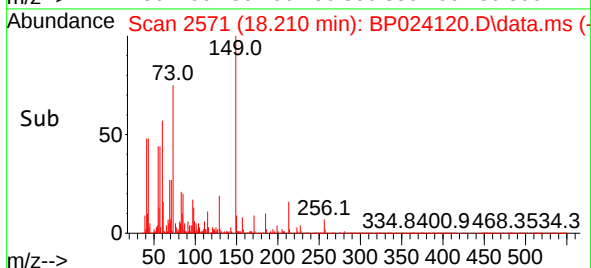
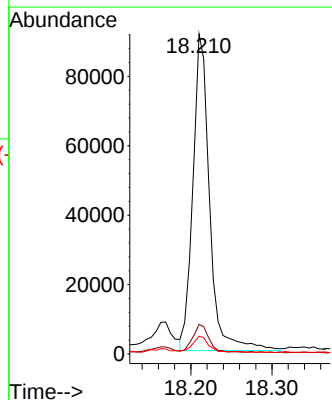
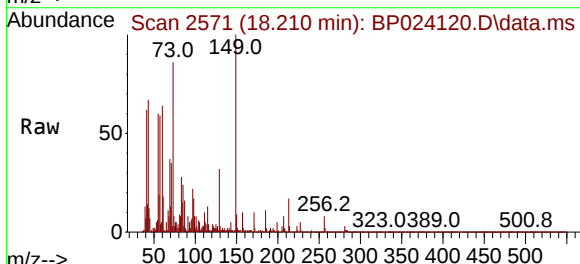
Tgt Ion:149 Resp: 130919

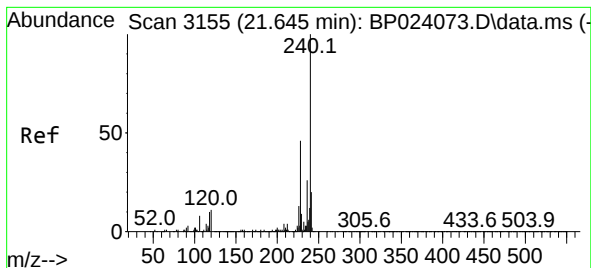
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.5 4.2 6.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3158

Delta R.T. 0.018 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

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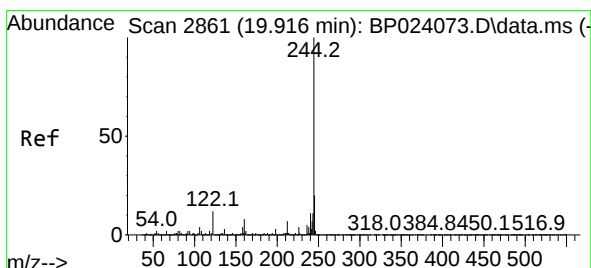
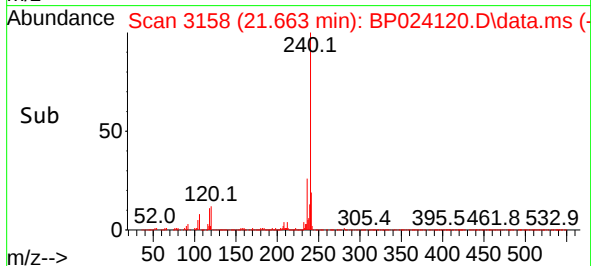
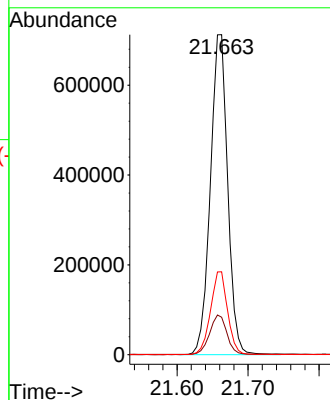
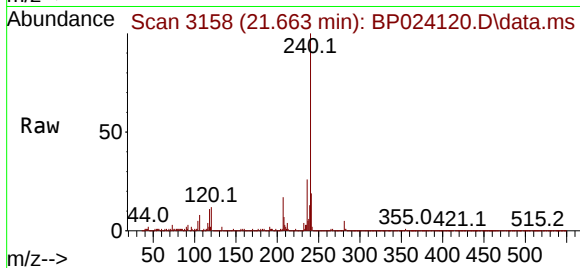
Tgt Ion:240 Resp: 1205739

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 25.9 20.7 31.1



#79

Terphenyl-d14

Concen: 107.669 ng

RT: 19.939 min Scan# 2865

Delta R.T. 0.024 min

Lab File: BP024120.D

Acq: 27 Feb 2025 14:27

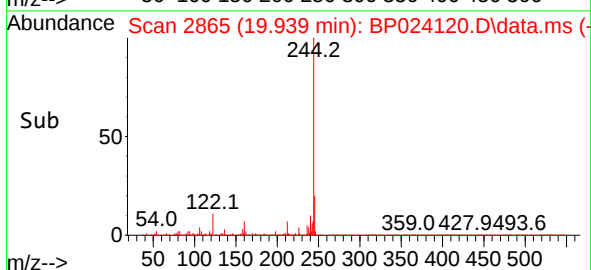
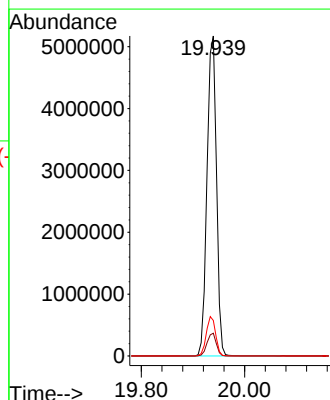
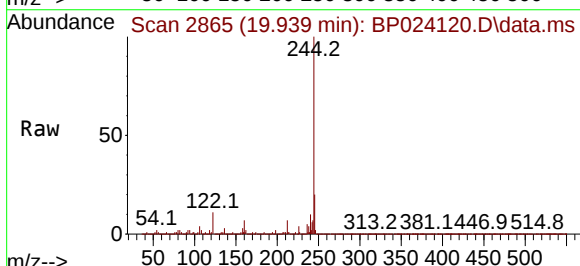
Tgt Ion:244 Resp: 6560754

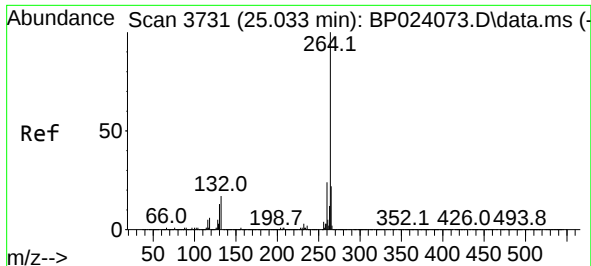
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 11.1 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.045 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP024120.D
 Acq: 27 Feb 2025 14:27

Instrument :
 BNA_P
 ClientSampleId :
 P001-CLAY-CF01-01

Tgt Ion:264 Resp: 1422369
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 22.2 17.8 26.8

