

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031325\
 Data File : BP024176.D
 Acq On : 13 Mar 2025 15:48
 Operator : RC/JU
 Sample : Q1502-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

Quant Time: Mar 13 16:13:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

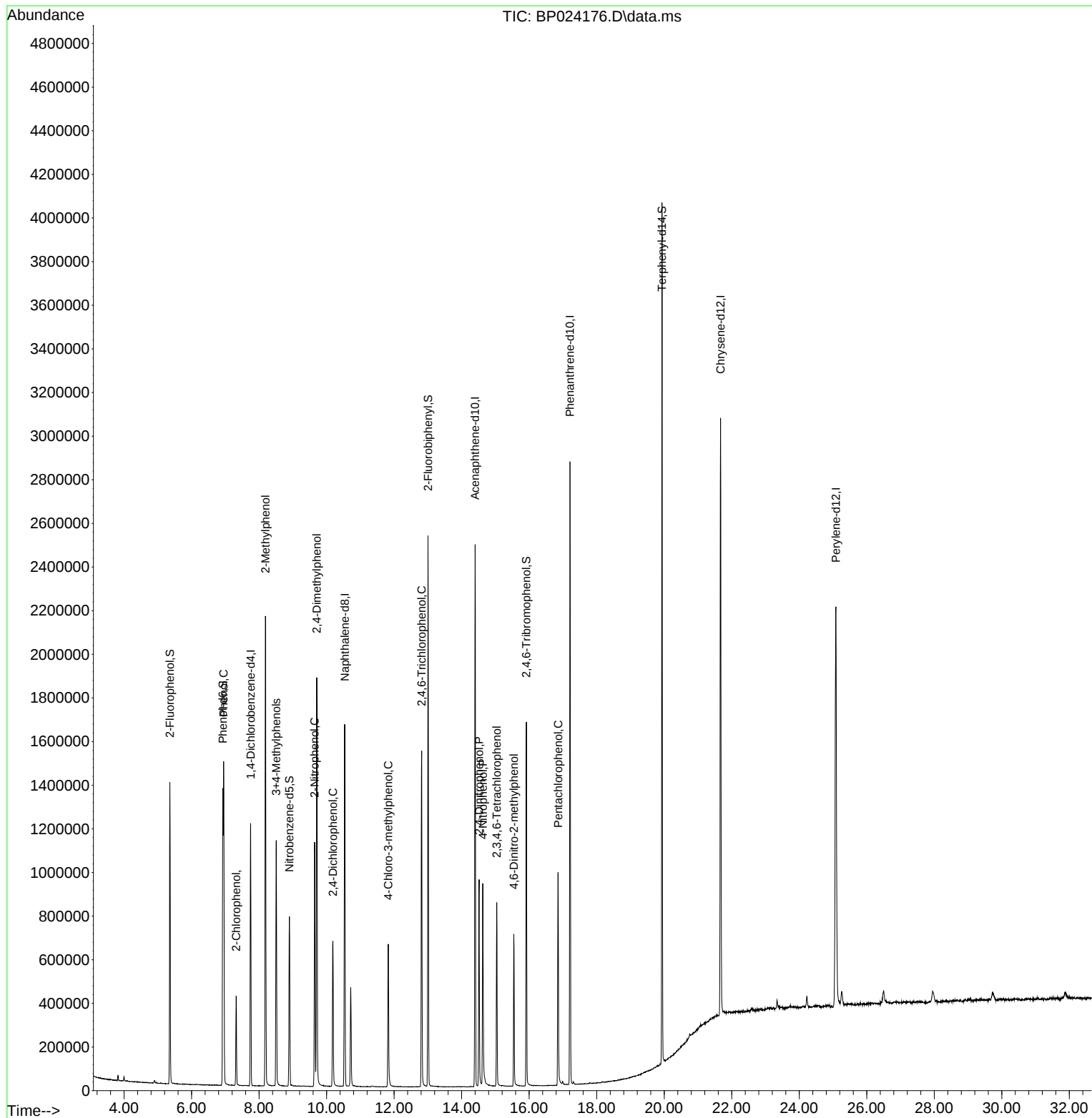
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	333252	20.000	ng	-0.02
21) Naphthalene-d8	10.540	136	1381029	20.000	ng	-0.01
39) Acenaphthene-d10	14.398	164	845510	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1630079	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1669058	20.000	ng	0.01
86) Perylene-d12	25.086	264	1840328	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	622174	29.802	ng	-0.02
7) Phenol-d6	6.928	99	827403	29.637	ng	-0.02
23) Nitrobenzene-d5	8.899	82	484698	19.802	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	306659	28.794	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1185484	20.674	ng	-0.01
79) Terphenyl-d14	19.933	244	1827756	22.605	ng	0.01
Target Compounds						Qvalue
8) 2-Chlorophenol	7.322	128	178656	7.923	ng	99
10) Phenol	6.952	94	837578	29.719	ng	100
17) 2-Methylphenol	8.193	107	685521	38.789	ng	99
20) 3+4-Methylphenols	8.510	107	551986	22.734	ng	91
26) 2-Nitrophenol	9.646	139	393632	34.128	ng	98
27) 2,4-Dimethylphenol	9.710	122	611752	41.247	ng	98
29) 2,4-Dichlorophenol	10.187	162	268731	13.394	ng	99
36) 4-Chloro-3-methylphenol	11.828	107	266244	12.301	ng	97
43) 2,4,6-Trichlorophenol	12.816	196	392630	25.277	ng	99
54) 2,4-Dinitrophenol	14.516	184	204675	31.075	ng	97
56) 4-Nitrophenol	14.628	139	290976	25.901	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.040	232	164836	10.953	ng	99
65) 4,6-Dinitro-2-methylph...	15.545	198	146285	15.117	ng	95
70) Pentachlorophenol	16.857	266	202265	14.765	ng	99

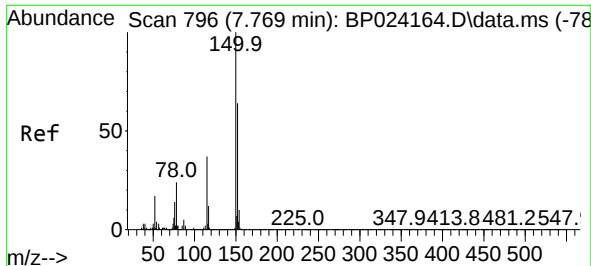
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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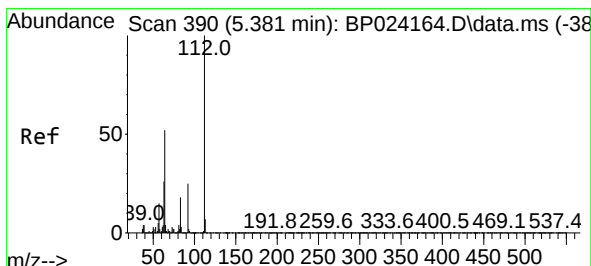
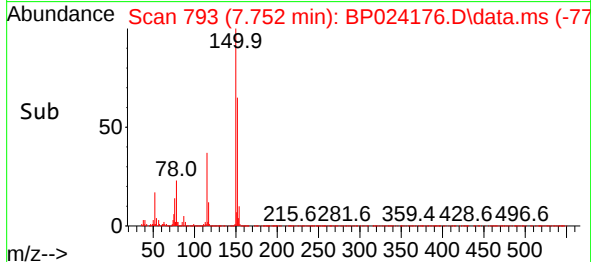
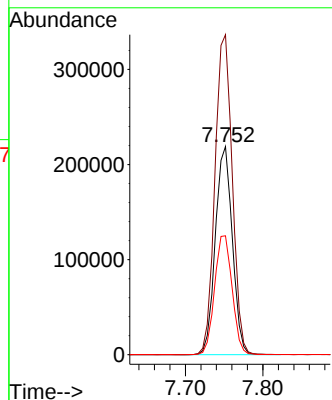
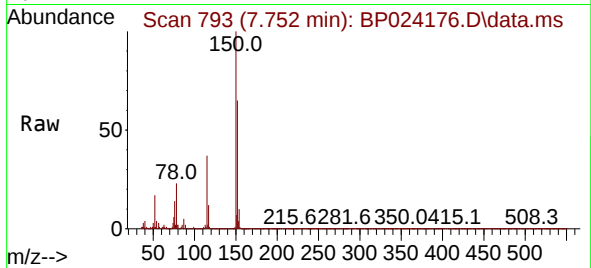




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.752 min Scan# 796
Delta R.T. -0.017 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

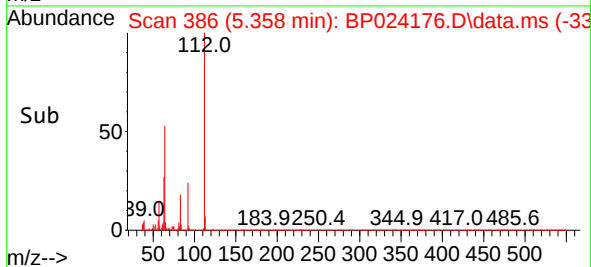
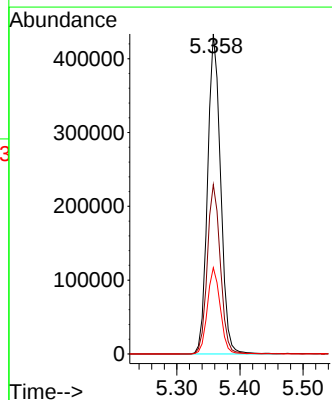
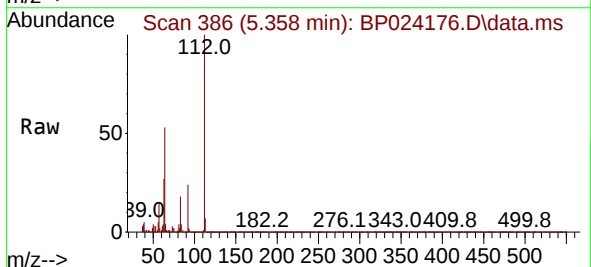
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

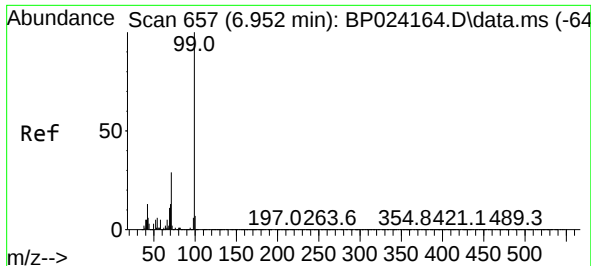
Tgt Ion:152 Resp: 333252
Ion Ratio Lower Upper
152 100
150 153.8 125.5 188.3
115 57.2 46.3 69.5



#5
2-Fluorophenol
Concen: 29.802 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:112 Resp: 622174
Ion Ratio Lower Upper
112 100
64 52.9 41.3 61.9
63 27.0 20.6 31.0





#7

Phenol-d6

Concen: 29.637 ng

RT: 6.928 min Scan# 61

Delta R.T. -0.024 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

Instrument :

BNA_P

ClientSampleId :

PT-ACIDS-WPDL

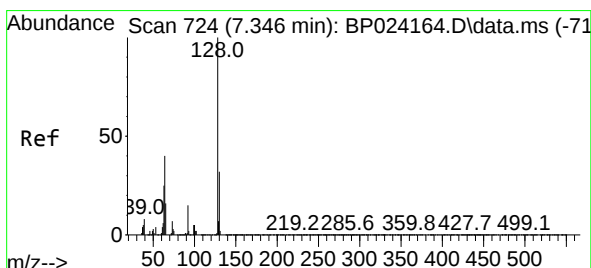
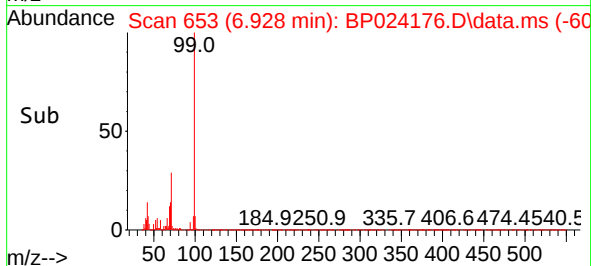
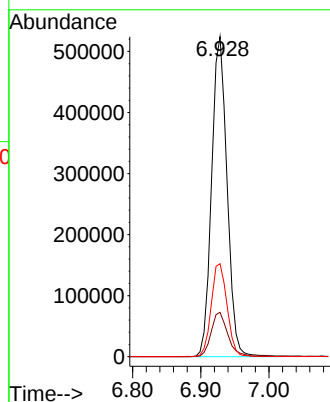
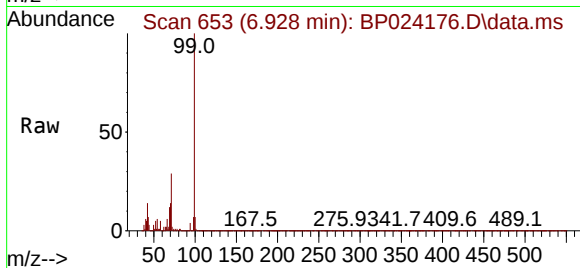
Tgt Ion: 99 Resp: 827403

Ion Ratio Lower Upper

99 100

42 13.9 10.6 16.0

71 29.0 23.3 34.9



#8

2-Chlorophenol

Concen: 7.923 ng

RT: 7.322 min Scan# 720

Delta R.T. -0.024 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

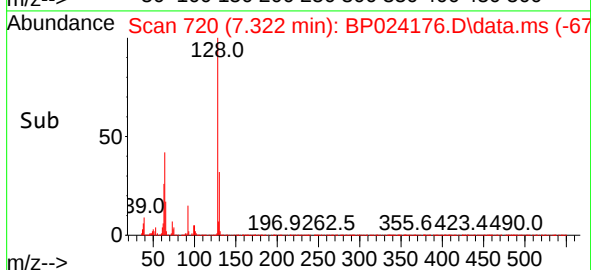
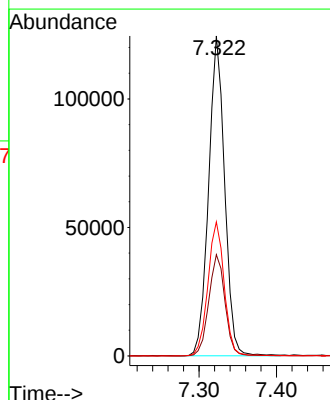
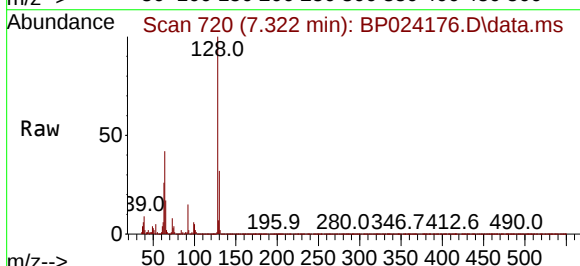
Tgt Ion:128 Resp: 178656

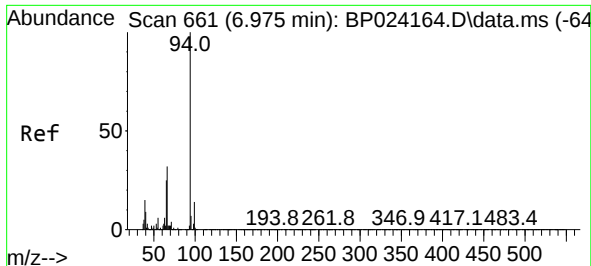
Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 41.9 21.6 61.6

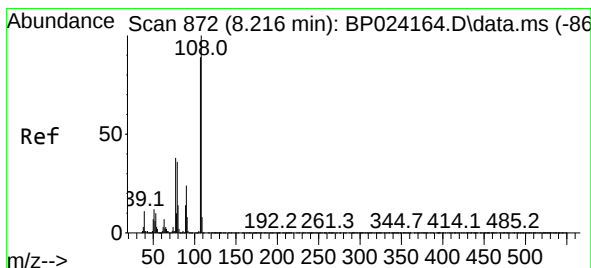
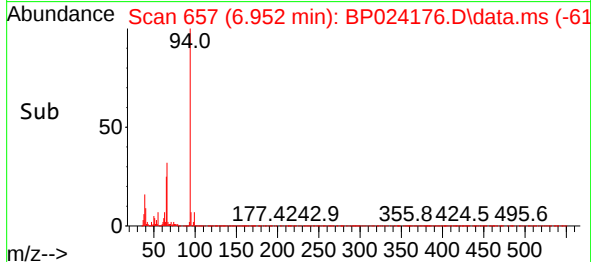
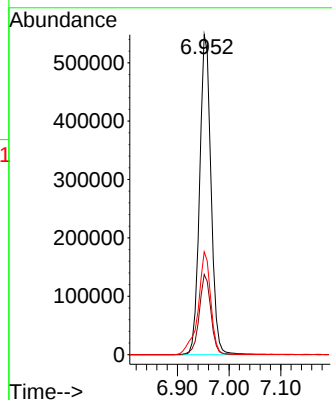
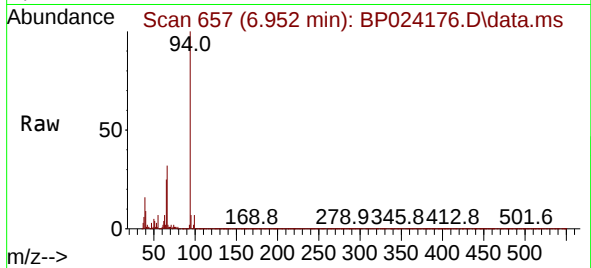




#10
Phenol
Concen: 29.719 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

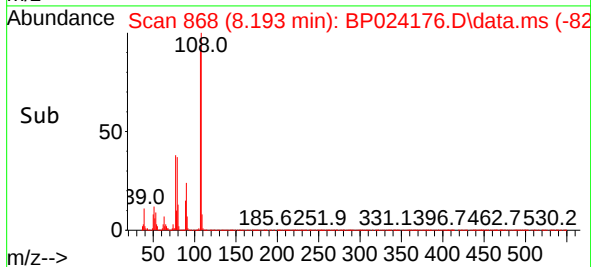
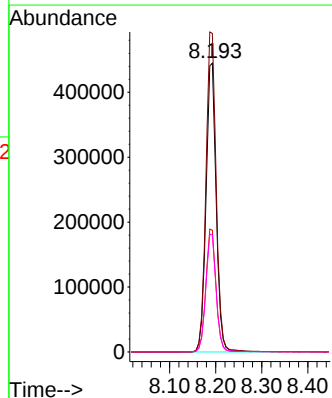
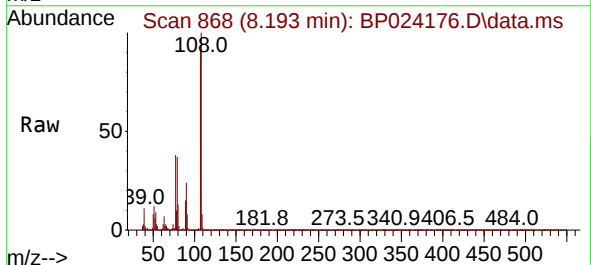
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

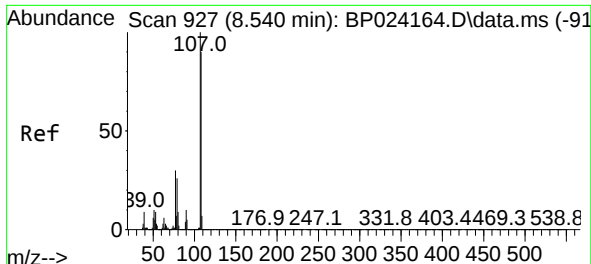
Tgt Ion: 94 Resp: 837578
Ion Ratio Lower Upper
94 100
65 25.0 4.9 44.9
66 32.2 11.9 51.9



#17
2-Methylphenol
Concen: 38.789 ng
RT: 8.193 min Scan# 868
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:107 Resp: 685521
Ion Ratio Lower Upper
107 100
108 110.3 90.0 135.0
77 42.2 34.0 51.0
79 40.5 32.7 49.1

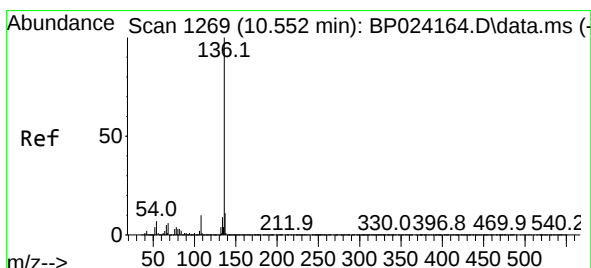
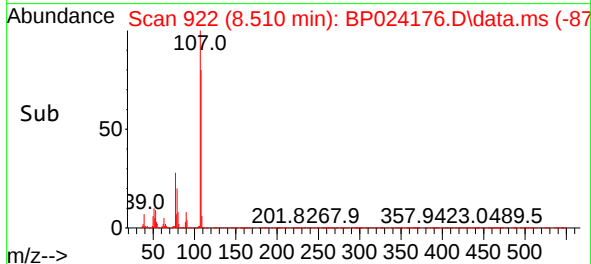
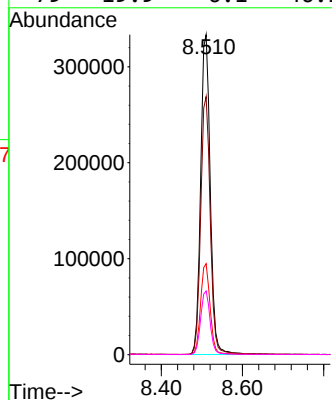
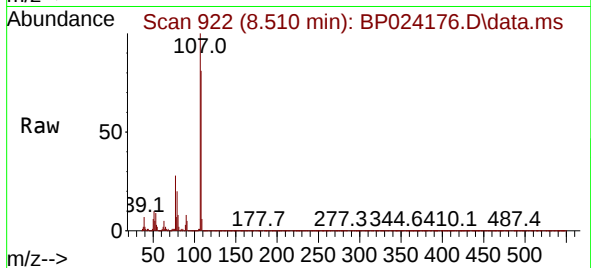




#20
3+4-Methylphenols
Concen: 22.734 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

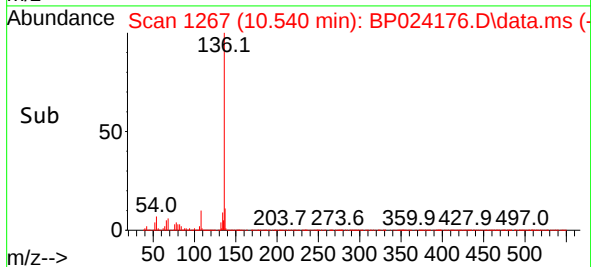
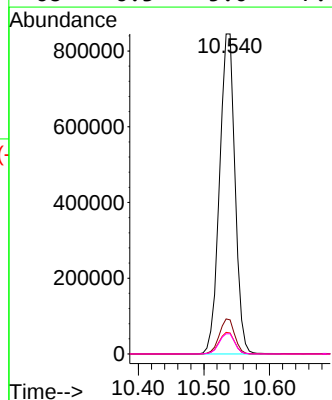
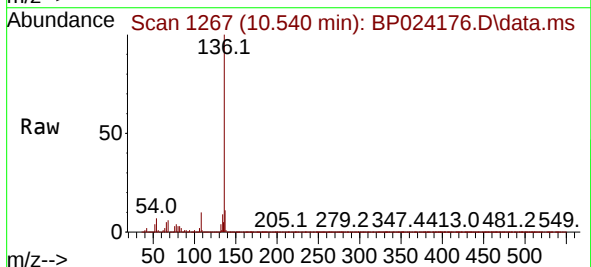
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

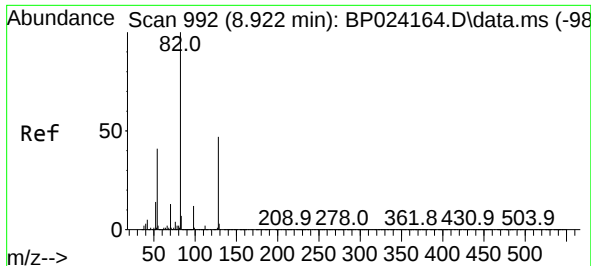
Tgt Ion:	107	Resp:	551986
Ion	Ratio	Lower	Upper
107	100		
108	80.6	69.7	109.7
77	28.4	10.3	50.3
79	19.9	6.1	46.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.012 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:	136	Resp:	1381029
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.6	5.3	7.9
68	6.3	5.0	7.4

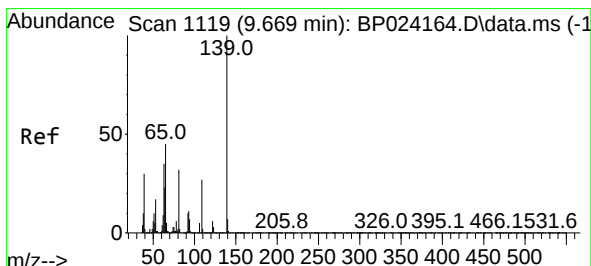
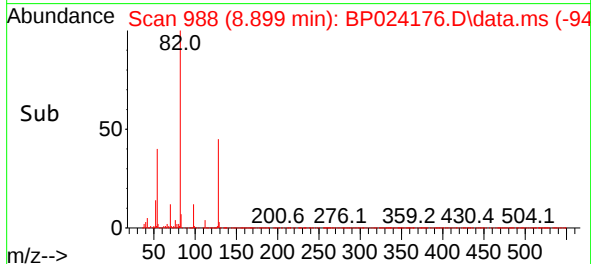
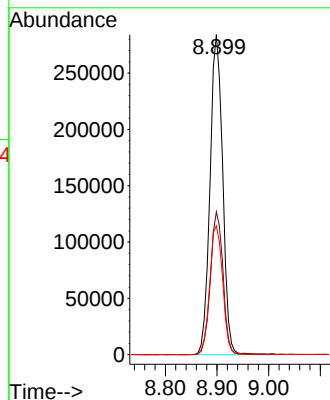
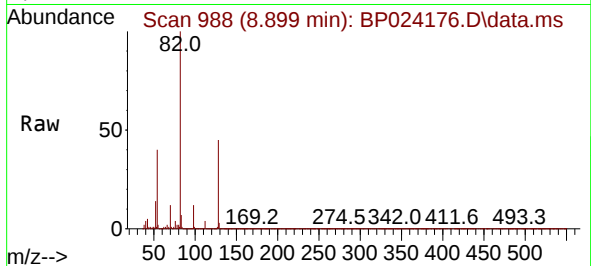




#23
Nitrobenzene-d5
Concen: 19.802 ng
RT: 8.899 min Scan# 911
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

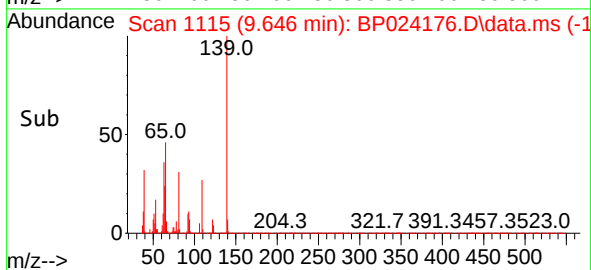
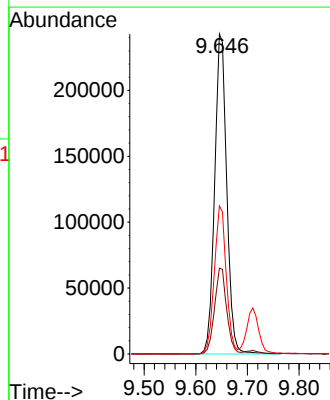
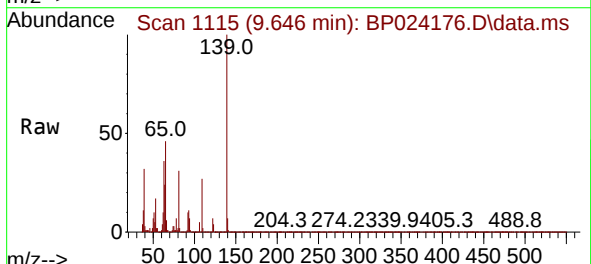
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BNA_P
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PT-ACIDS-WPDL

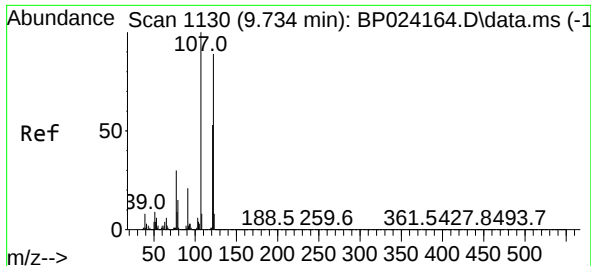
Tgt Ion: 82 Resp: 484698
Ion Ratio Lower Upper
82 100
128 44.6 37.4 56.0
54 40.2 32.5 48.7



#26
2-Nitrophenol
Concen: 34.128 ng
RT: 9.646 min Scan# 1115
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:139 Resp: 393632
Ion Ratio Lower Upper
139 100
109 26.8 21.7 32.5
65 46.3 35.8 53.8

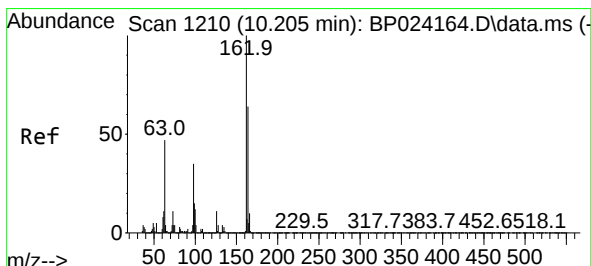
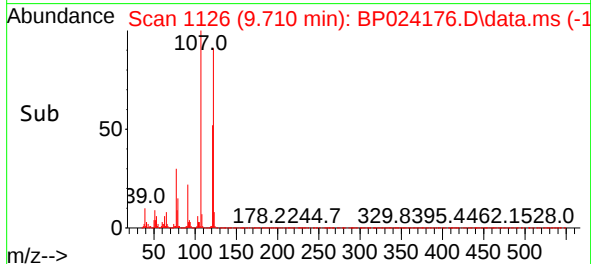
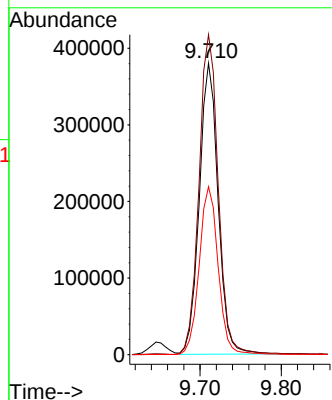
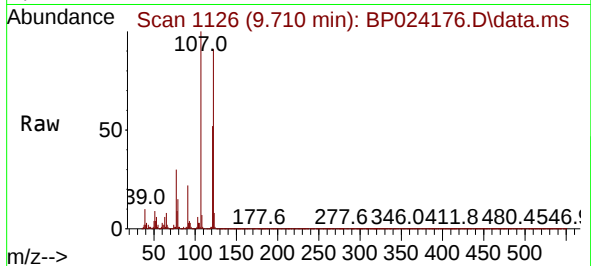




#27
2,4-Dimethylphenol
Concen: 41.247 ng
RT: 9.710 min Scan# 1130
Delta R.T. -0.024 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

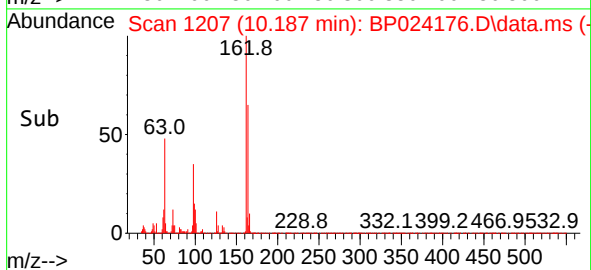
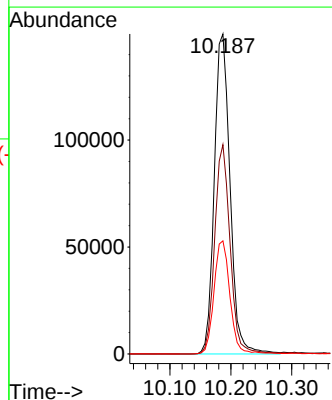
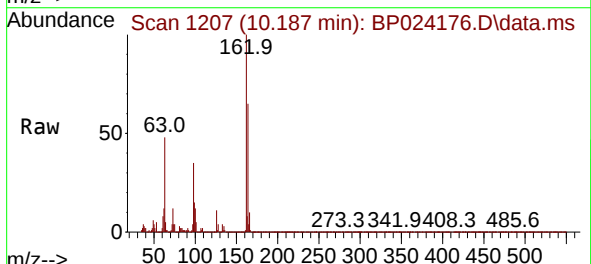
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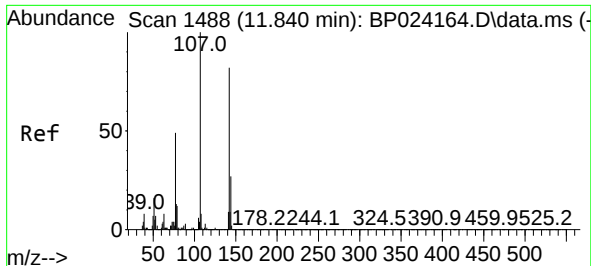
Tgt Ion:122 Resp: 611752
Ion Ratio Lower Upper
122 100
107 109.8 89.3 133.9
121 57.6 47.5 71.3



#29
2,4-Dichlorophenol
Concen: 13.394 ng
RT: 10.187 min Scan# 1207
Delta R.T. -0.018 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:162 Resp: 268731
Ion Ratio Lower Upper
162 100
164 65.4 44.2 84.2
98 35.3 15.1 55.1

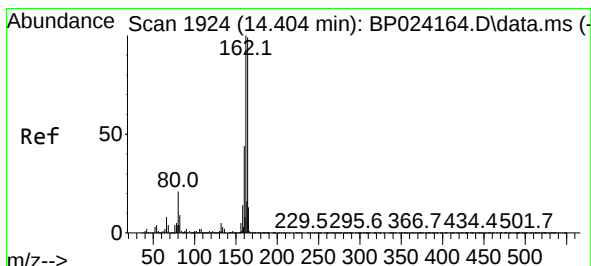
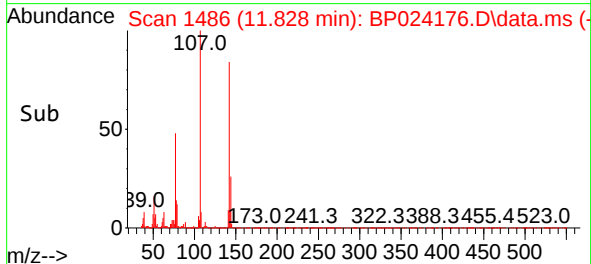
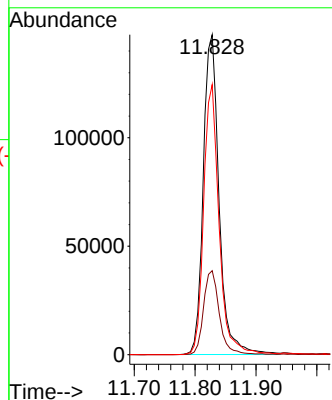
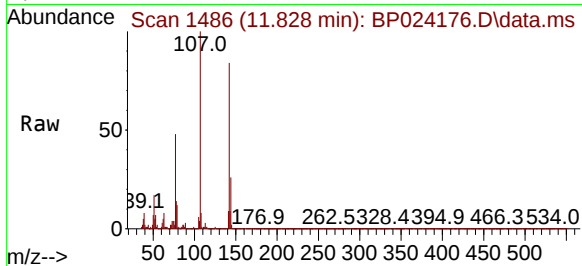




#36
4-Chloro-3-methylphenol
Concen: 12.301 ng
RT: 11.828 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

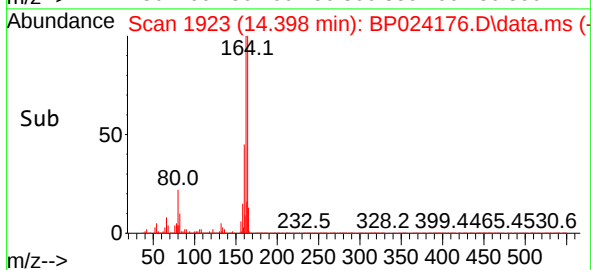
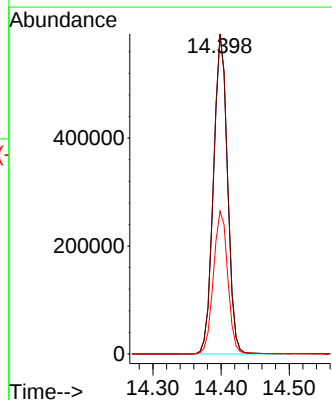
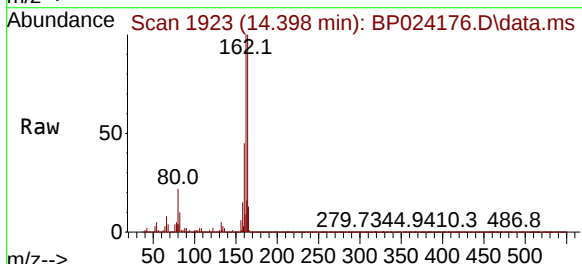
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

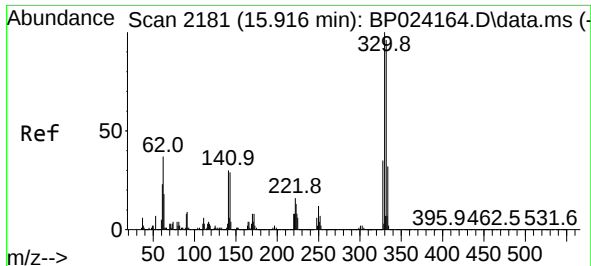
Tgt Ion:107 Resp: 266244
Ion Ratio Lower Upper
107 100
144 26.3 21.6 32.4
142 84.4 65.4 98.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:164 Resp: 845510
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 44.7 35.4 53.2

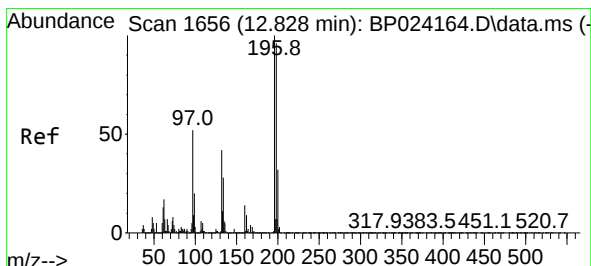
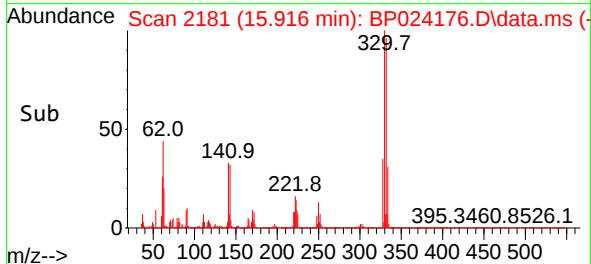
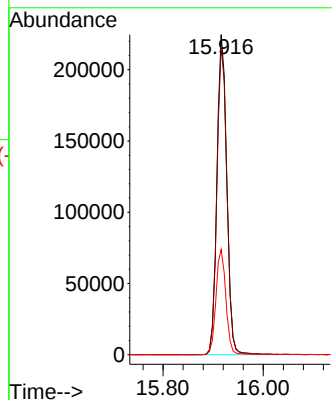
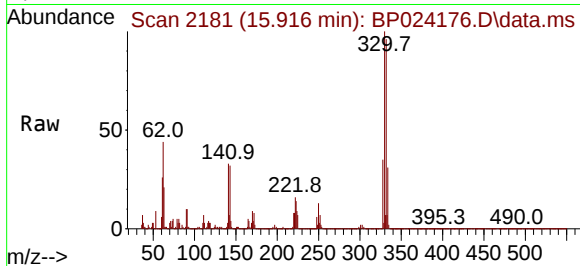




#42
2,4,6-Tribromophenol
Concen: 28.794 ng
RT: 15.916 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

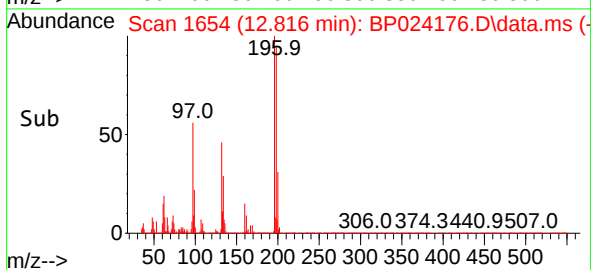
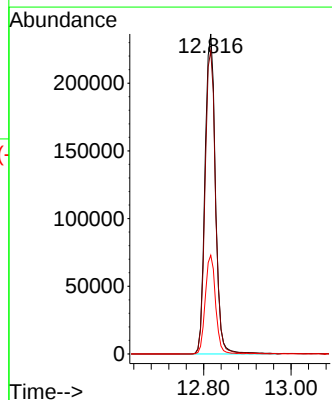
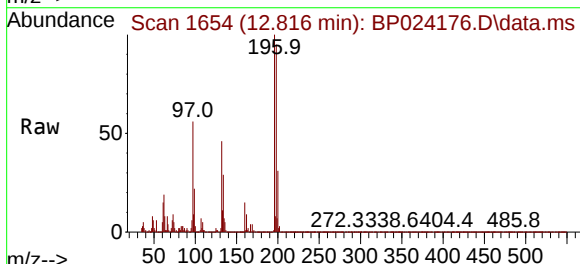
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

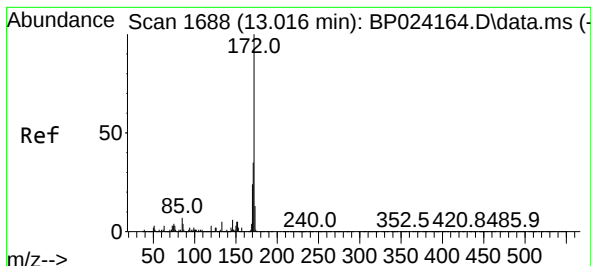
Tgt Ion:330 Resp: 306659
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 33.0 25.0 37.6



#43
2,4,6-Trichlorophenol
Concen: 25.277 ng
RT: 12.816 min Scan# 1654
Delta R.T. -0.012 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:196 Resp: 392630
Ion Ratio Lower Upper
196 100
198 94.7 76.6 115.0
200 30.9 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 20.674 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

Instrument :

BNA_P

ClientSampleId :

PT-ACIDS-WPDL

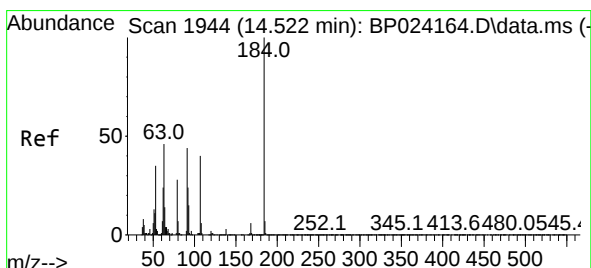
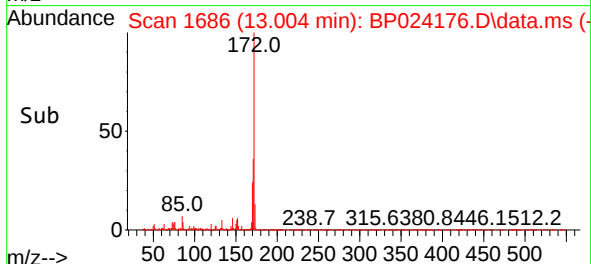
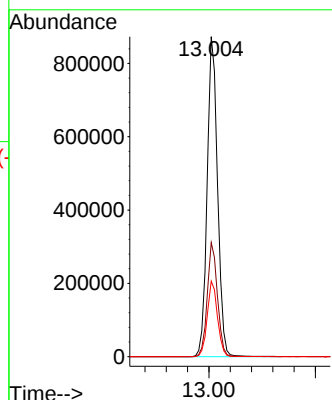
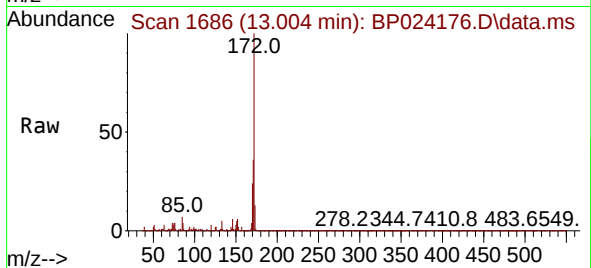
Tgt Ion:172 Resp: 1185484

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 31.075 ng

RT: 14.516 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

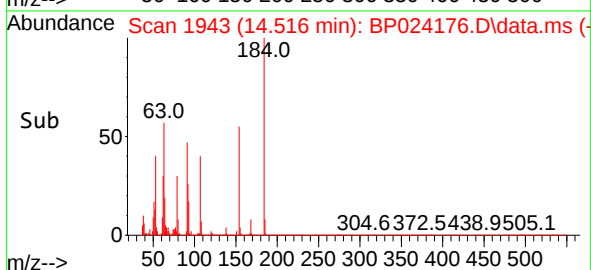
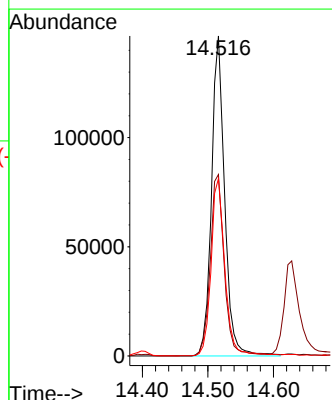
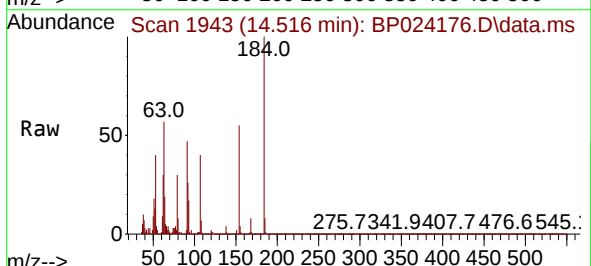
Tgt Ion:184 Resp: 204675

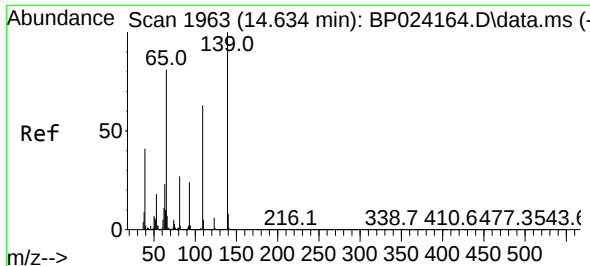
Ion Ratio Lower Upper

184 100

63 56.7 42.1 63.1

154 55.4 44.6 67.0

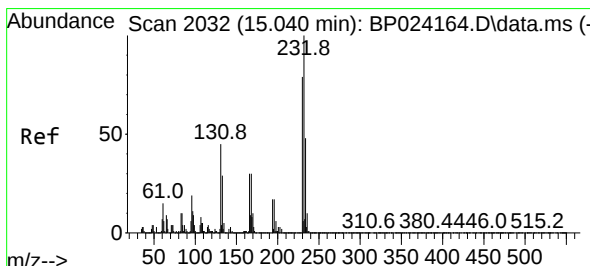
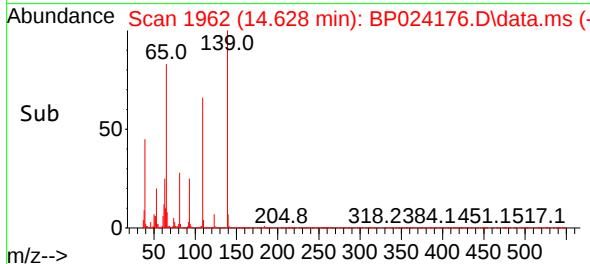
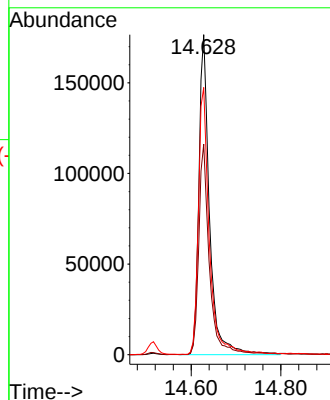
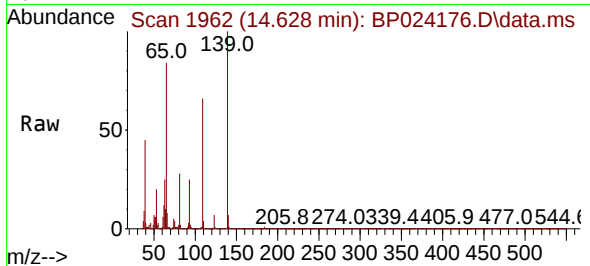




#56
4-Nitrophenol
Concen: 25.901 ng
RT: 14.628 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

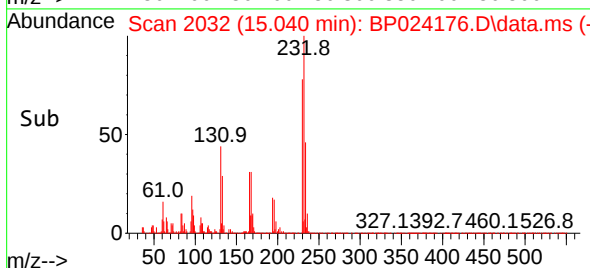
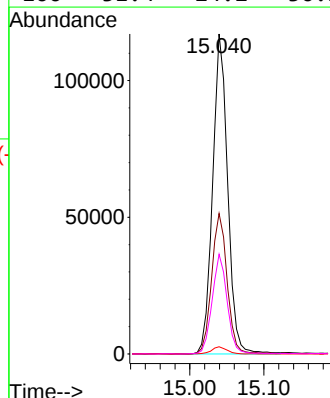
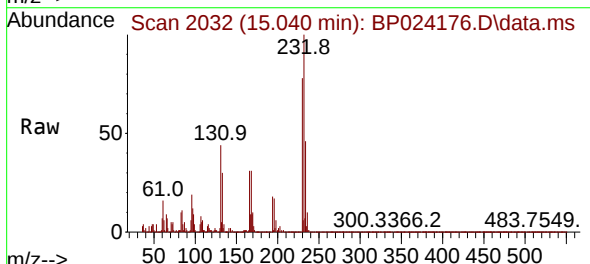
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

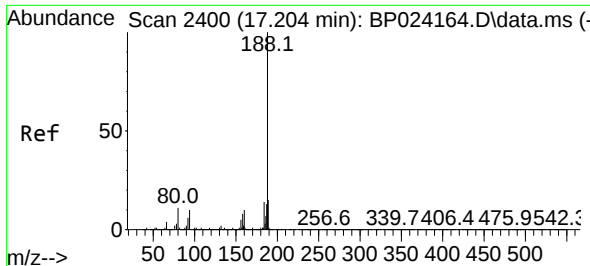
Tgt Ion:139 Resp: 290976
Ion Ratio Lower Upper
139 100
109 65.8 43.3 83.3
65 83.5 61.2 101.2



#59
2,3,4,6-Tetrachlorophenol
Concen: 10.953 ng
RT: 15.040 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:232 Resp: 164836
Ion Ratio Lower Upper
232 100
131 45.3 35.9 53.9
130 2.3 1.8 2.6
166 31.4 24.2 36.2

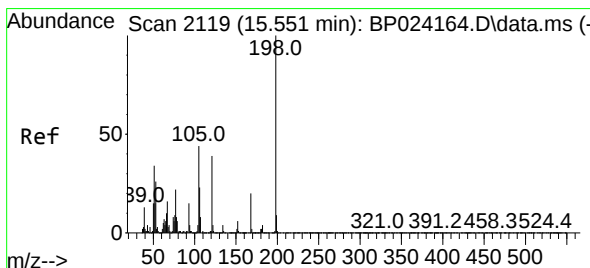
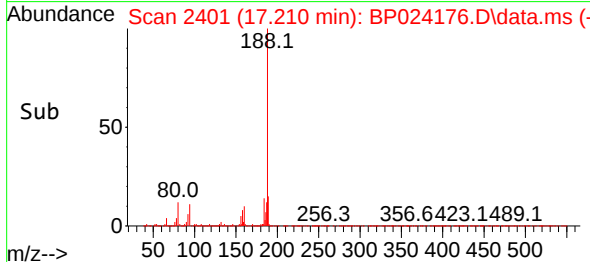
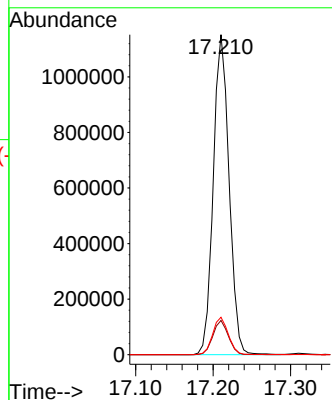
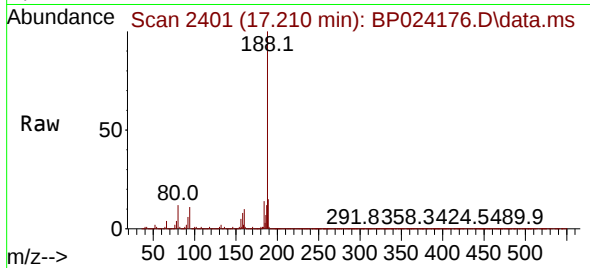




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2400
Delta R.T. 0.006 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

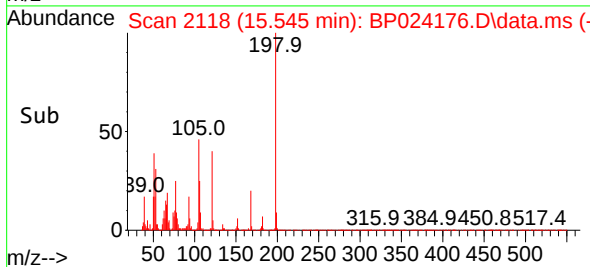
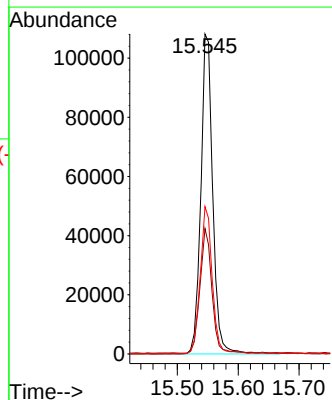
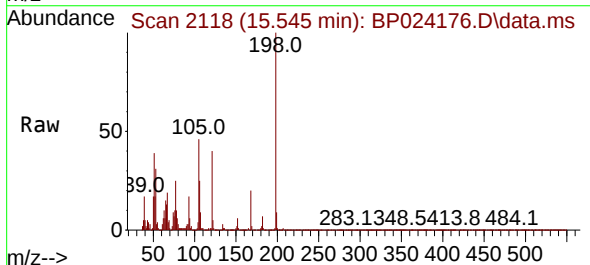
Instrument :
BNA_P
ClientSampleId :
PT-ACIDS-WPDL

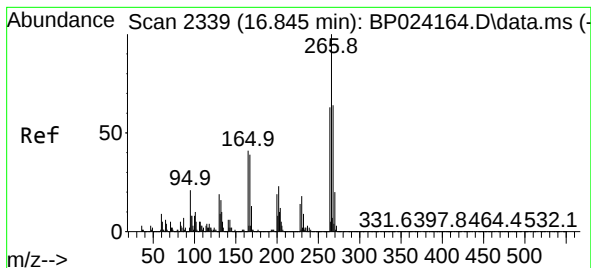
Tgt Ion:188 Resp: 1630079
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.7 8.9 13.3



#65
4,6-Dinitro-2-methylphenol
Concen: 15.117 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BP024176.D
Acq: 13 Mar 2025 15:48

Tgt Ion:198 Resp: 146285
Ion Ratio Lower Upper
198 100
51 39.2 14.7 54.7
105 46.0 23.8 63.8





#70

Pentachlorophenol

Concen: 14.765 ng

RT: 16.857 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

Instrument :

BNA_P

ClientSampleId :

PT-ACIDS-WPDL

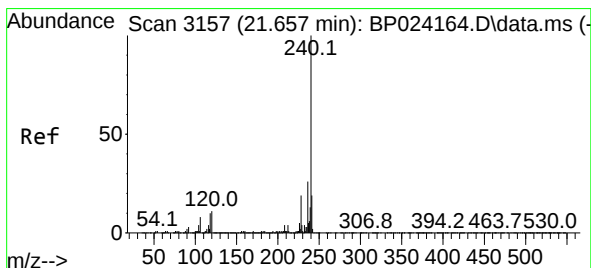
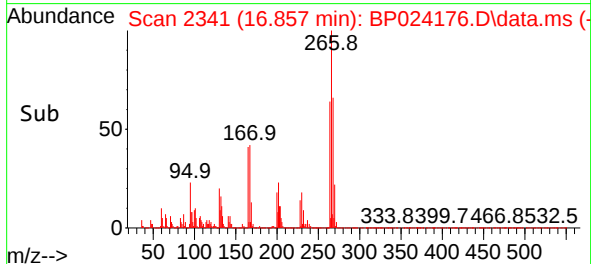
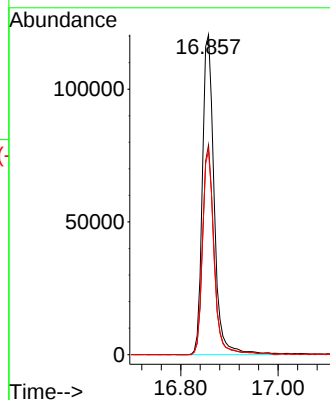
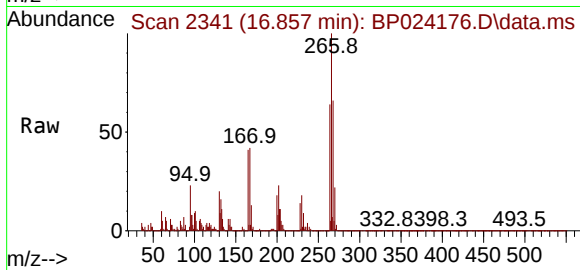
Tgt Ion:266 Resp: 202265

Ion Ratio Lower Upper

266 100

268 65.5 51.3 76.9

264 63.8 50.6 76.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.669 min Scan# 3159

Delta R.T. 0.012 min

Lab File: BP024176.D

Acq: 13 Mar 2025 15:48

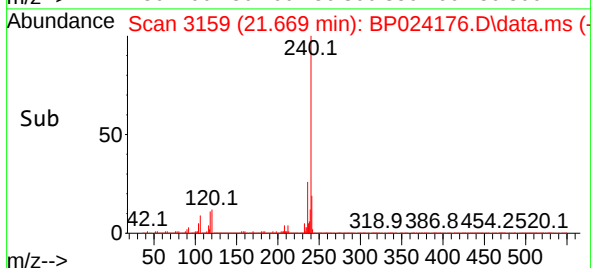
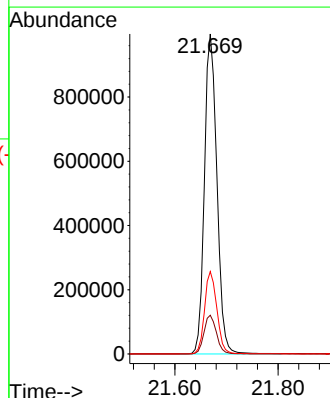
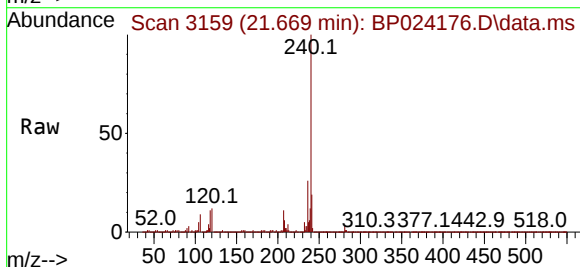
Tgt Ion:240 Resp: 1669058

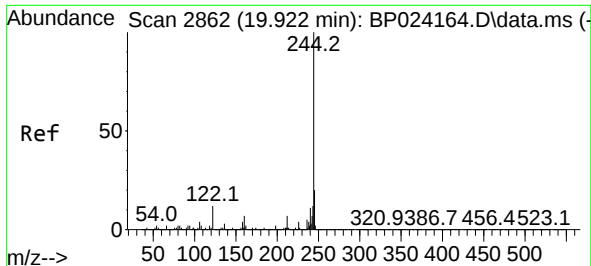
Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

236 25.8 20.4 30.6

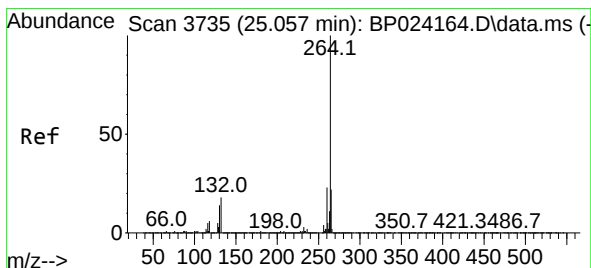
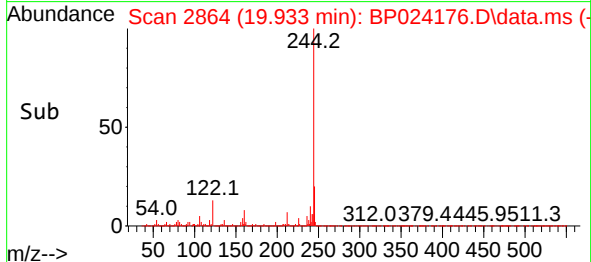
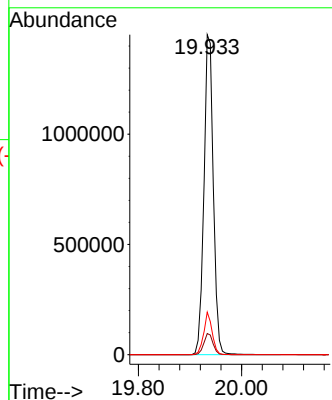
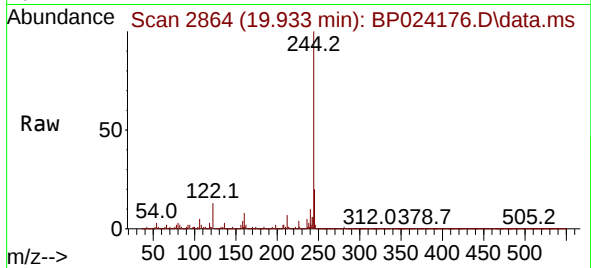




#79
 Terphenyl-d14
 Concen: 22.605 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP024176.D
 Acq: 13 Mar 2025 15:48

Instrument :
 BNA_P
 ClientSampleId :
 PT-ACIDS-WPDL

Tgt Ion:244 Resp: 1827756
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 13.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.086 min Scan# 3740
 Delta R.T. 0.029 min
 Lab File: BP024176.D
 Acq: 13 Mar 2025 15:48

Tgt Ion:264 Resp: 1840328
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.5 27.7
 265 21.9 17.7 26.5

