

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024138.D
 Acq On : 28 Feb 2025 16:59
 Operator : RC/JU
 Sample : Q1420-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1-WC

Quant Time: Feb 28 17:43:25 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)

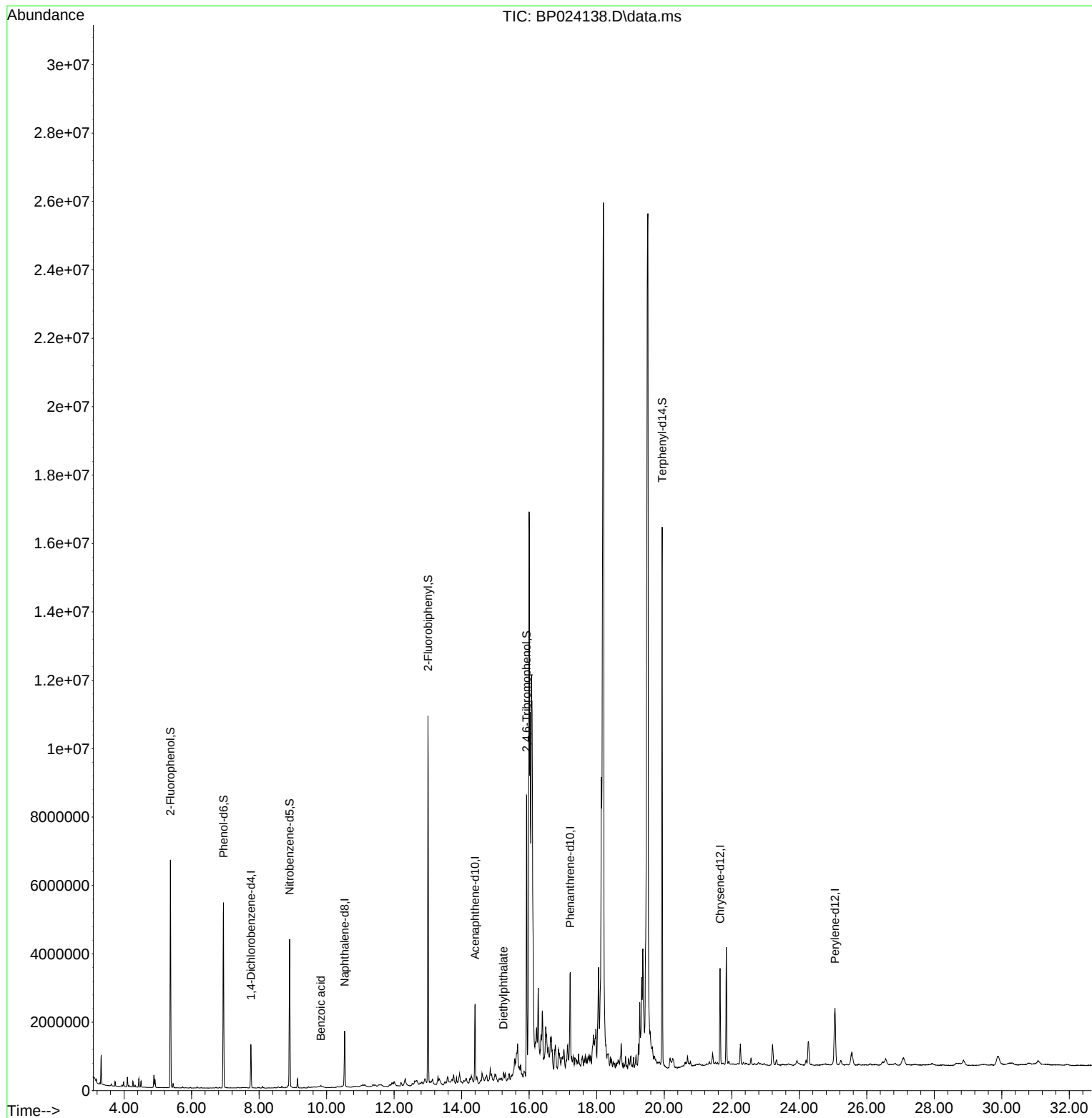
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	349957	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1325459	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	771953	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1467381	20.000	ng	0.03
76) Chrysene-d12	21.657	240	1636023	20.000	ng	0.01
86) Perylene-d12	25.057	264	1912575	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2985707	133.124	ng	0.00
7) Phenol-d6	6.946	99	3370939	116.941	ng	0.00
23) Nitrobenzene-d5	8.905	82	2434425	102.466	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	1605951	169.842	ng	0.02
45) 2-Fluorobiphenyl	13.004	172	5041285	91.297	ng	0.00
79) Terphenyl-d14	19.939	244	7874206	95.237	ng	0.02
Target Compounds						
32) Benzoic acid	9.828	122	8380	7.965	ng	Qvalue # 73
60) Diethylphthalate	15.234	149	140692	2.603	ng	99

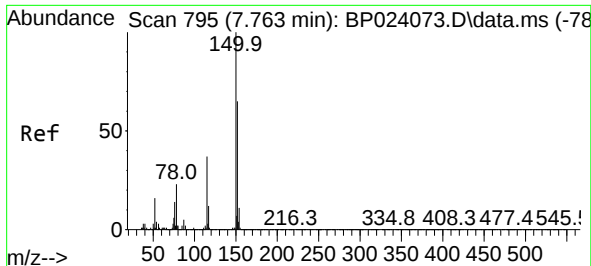
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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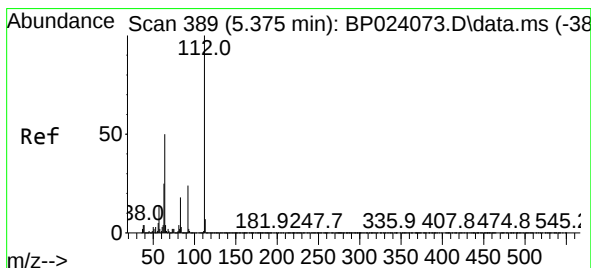
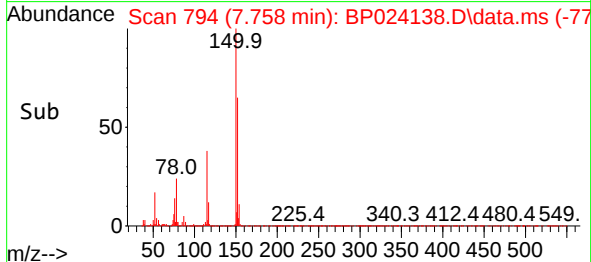
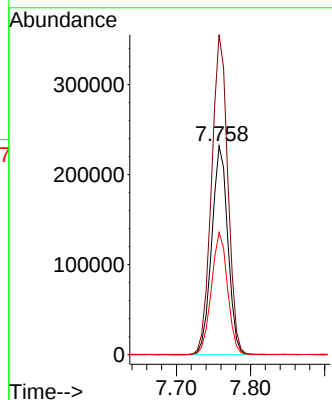
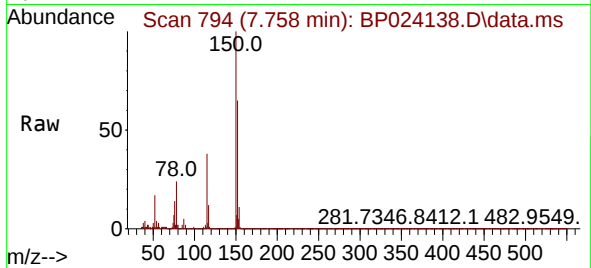




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.758 min Scan# 795
 Delta R.T. -0.005 min
 Lab File: BP024138.D
 Acq: 28 Feb 2025 16:59

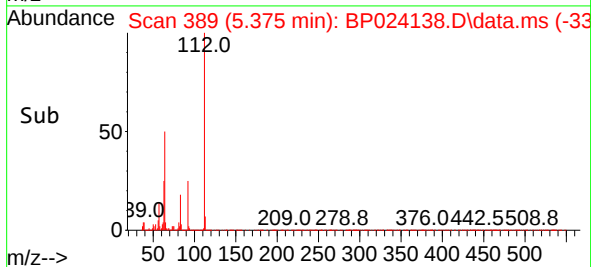
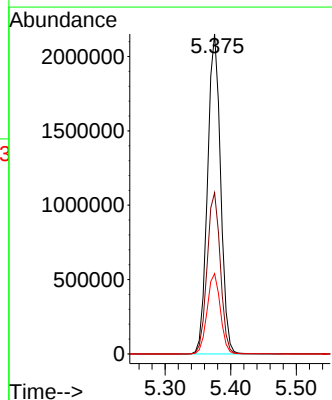
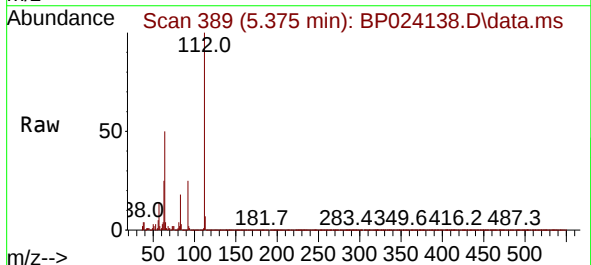
Instrument :
 BNA_P
 ClientSampleId :
 TP-1-WC

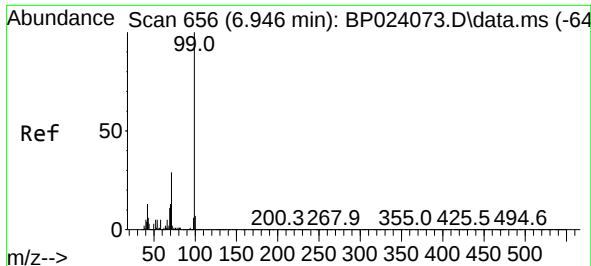
Tgt Ion:152 Resp: 349957
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.4 183.6
 115 58.6 45.0 67.6



#5
 2-Fluorophenol
 Concen: 133.124 ng
 RT: 5.375 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: BP024138.D
 Acq: 28 Feb 2025 16:59

Tgt Ion:112 Resp: 2985707
 Ion Ratio Lower Upper
 112 100
 64 50.4 39.6 59.4
 63 25.1 20.3 30.5



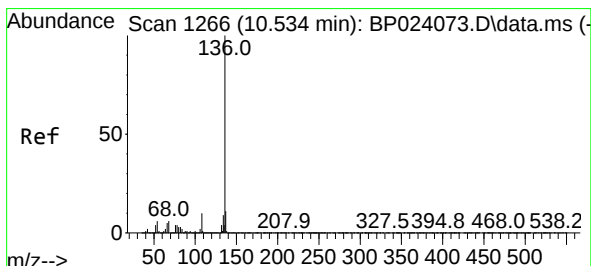
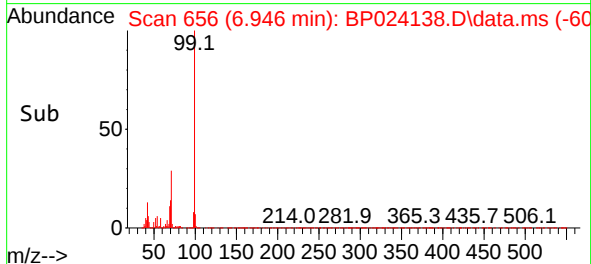
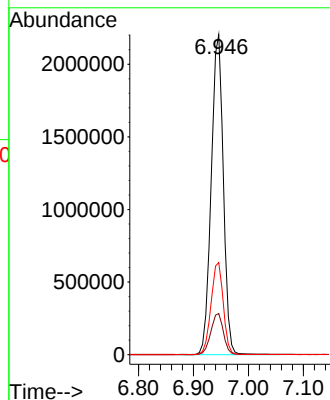
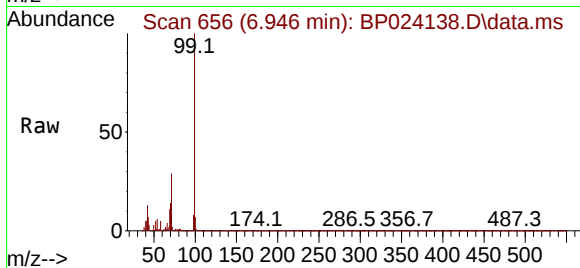


#7
Phenol-d6
Concen: 116.941 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Instrument :
BNA_P
ClientSampleId :
TP-1-WC

Tgt Ion: 99 Resp: 3370939

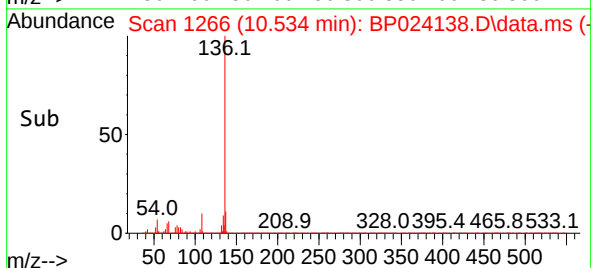
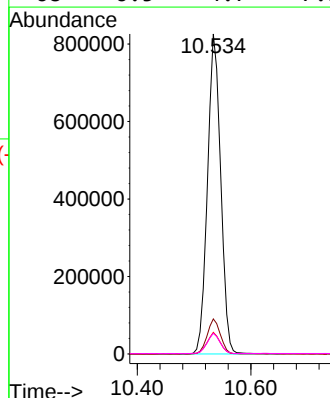
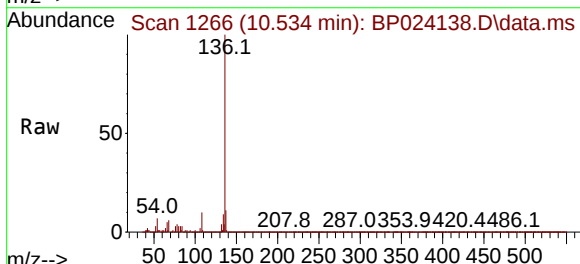
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.3	15.5
71	28.8	22.9	34.3

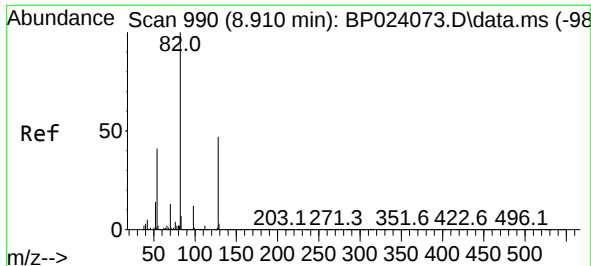


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:136 Resp: 1325459

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.8	4.9	7.3
68	6.5	4.7	7.1

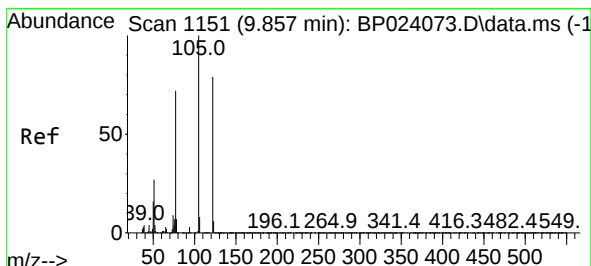
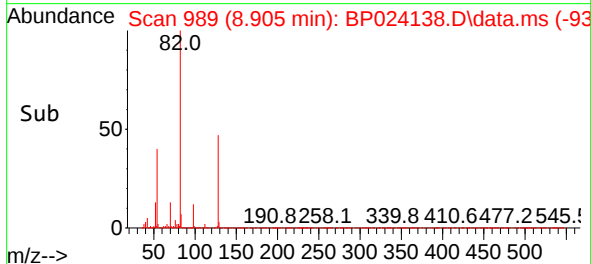
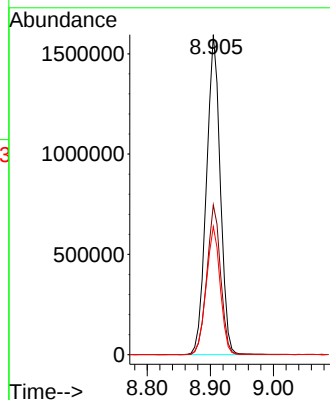
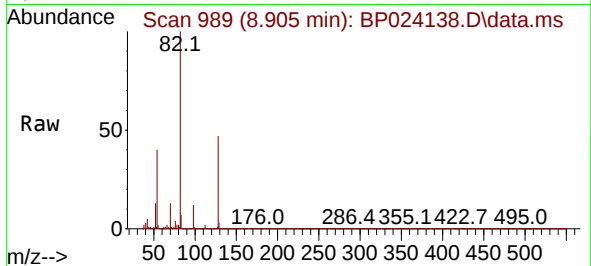




#23
Nitrobenzene-d5
Concen: 102.466 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

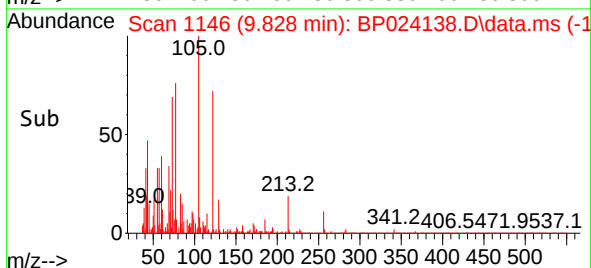
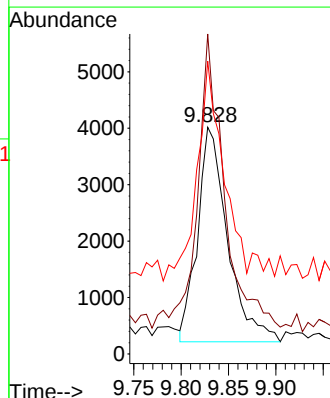
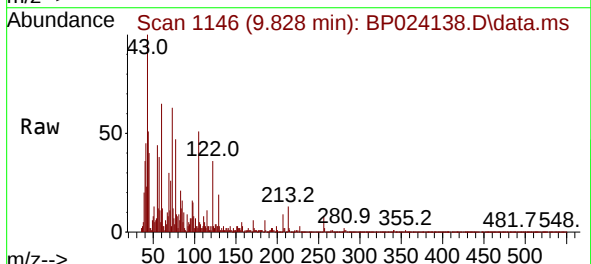
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

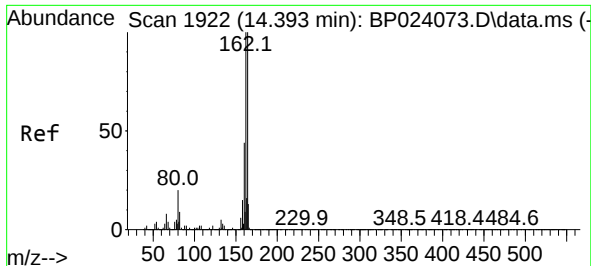
Tgt Ion: 82 Resp: 2434425
Ion Ratio Lower Upper
82 100
128 46.8 37.4 56.2
54 40.0 32.4 48.6



#32
Benzoic acid
Concen: 7.965 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.029 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:122 Resp: 8380
Ion Ratio Lower Upper
122 100
105 141.2 103.7 143.7
77 129.2 69.9 109.9#

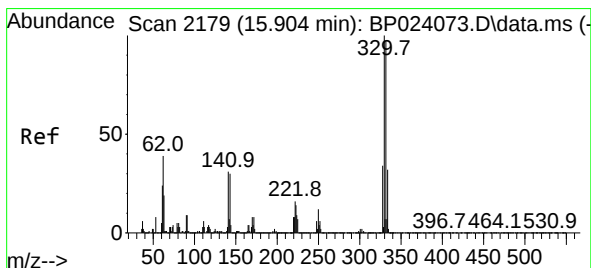
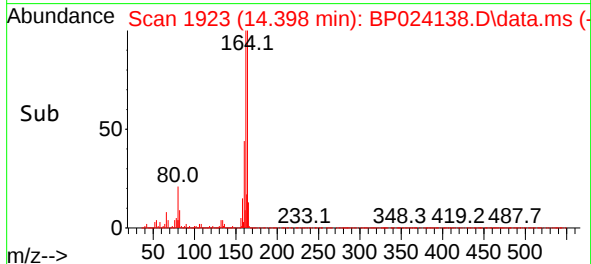
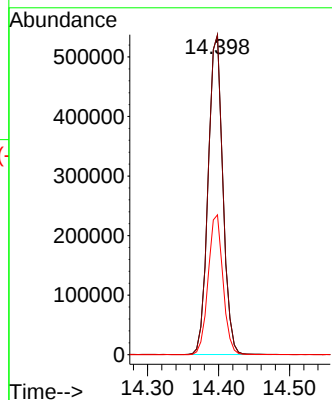
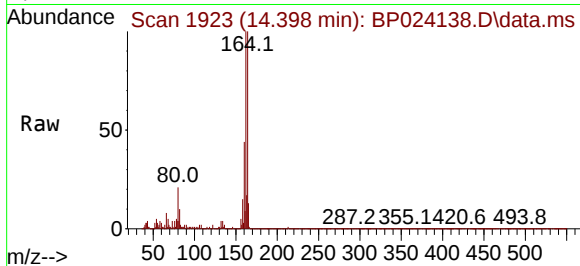




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.006 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

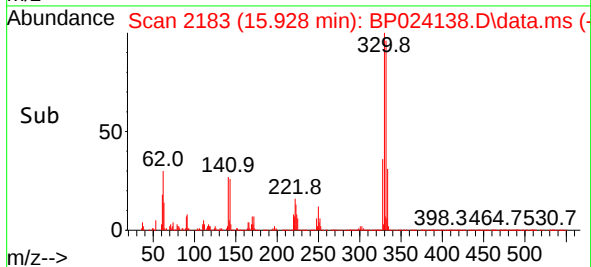
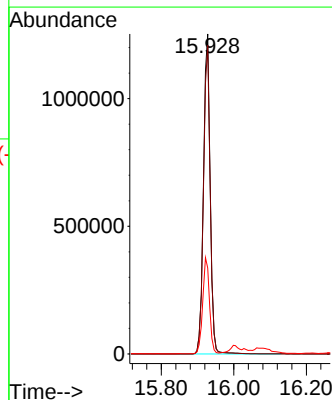
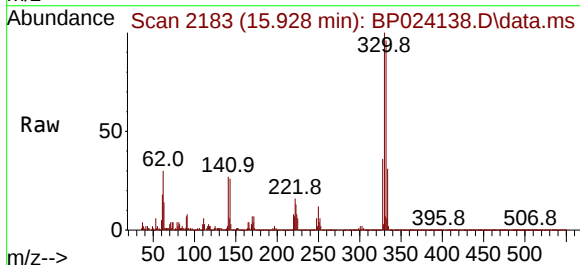
Instrument :
BNA_P
ClientSampleId :
TP-1-WC

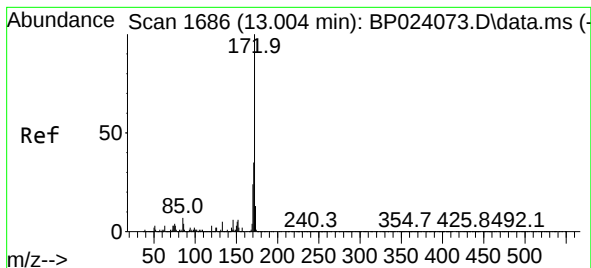
Tgt Ion:164 Resp: 771953
Ion Ratio Lower Upper
164 100
162 100.2 80.1 120.1
160 43.8 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 169.842 ng
RT: 15.928 min Scan# 2183
Delta R.T. 0.024 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:330 Resp: 1605951
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 30.3 28.3 42.5

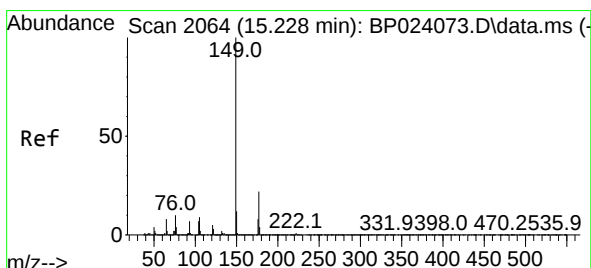
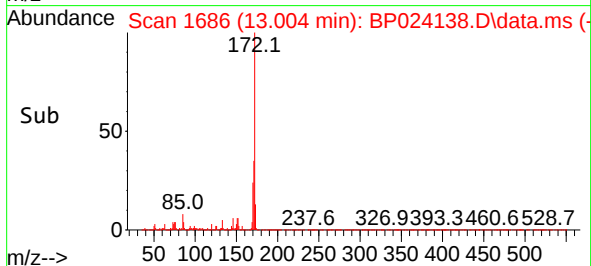
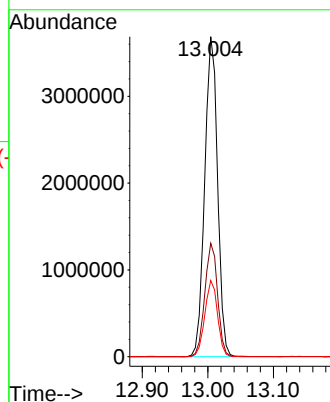
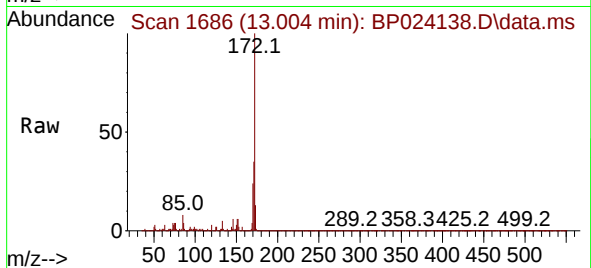




#45
2-Fluorobiphenyl
Concen: 91.297 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

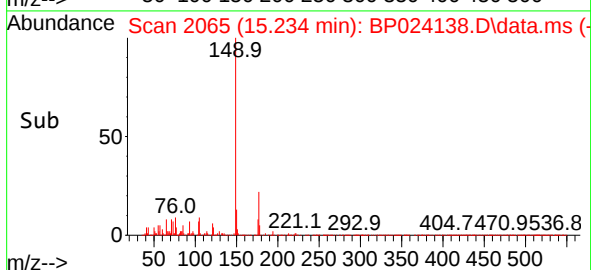
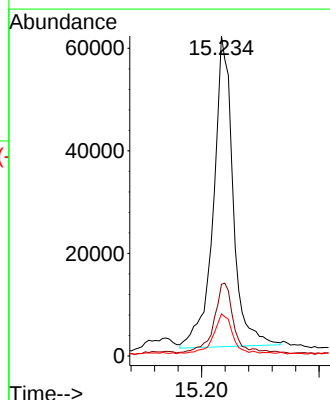
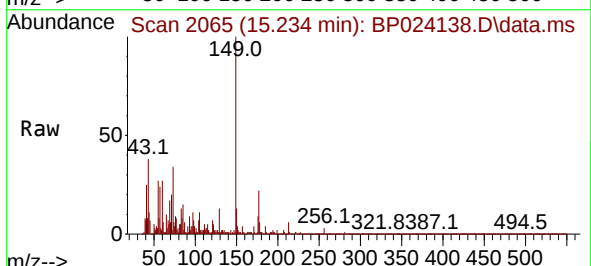
Instrument :
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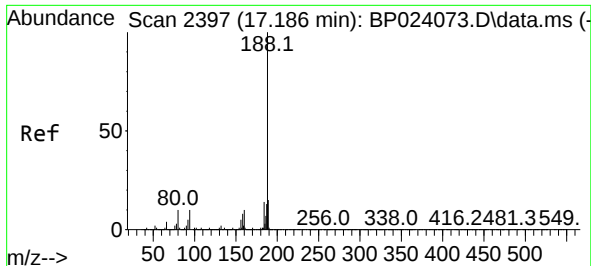
Tgt Ion:172 Resp: 5041285
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.8 19.0 28.6



#60
Diethylphthalate
Concen: 2.603 ng
RT: 15.234 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:149 Resp: 140692
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 13.2 9.8 14.6

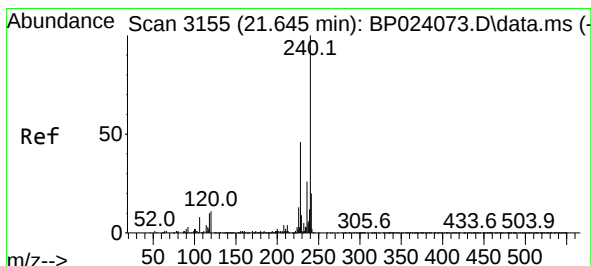
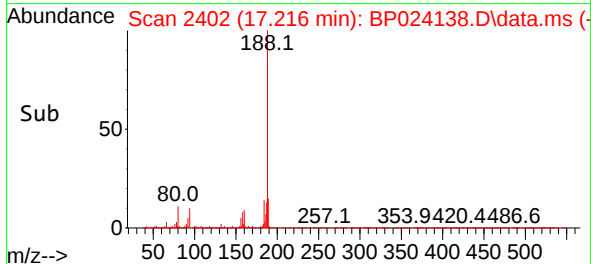
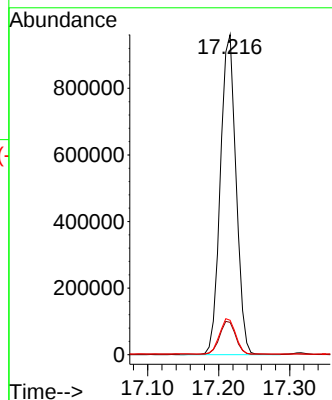
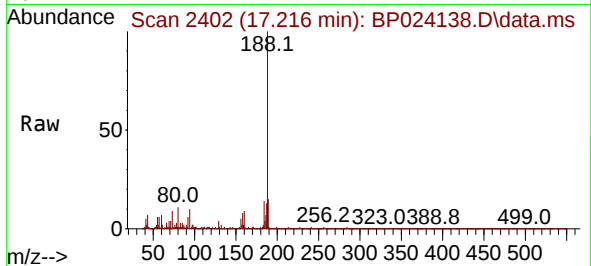




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2402
Delta R.T. 0.029 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

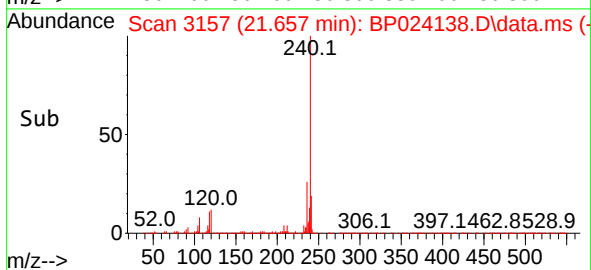
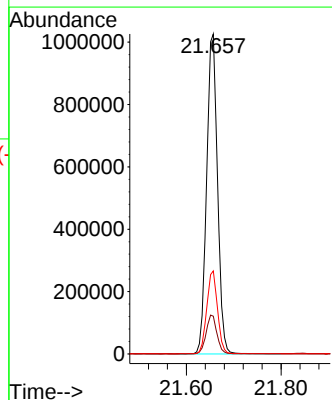
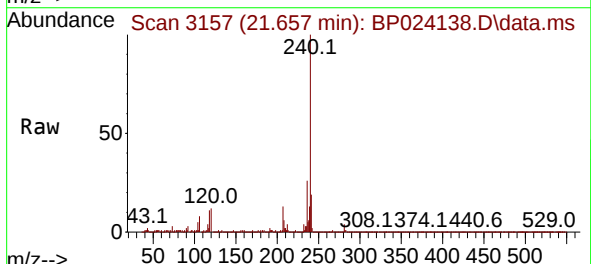
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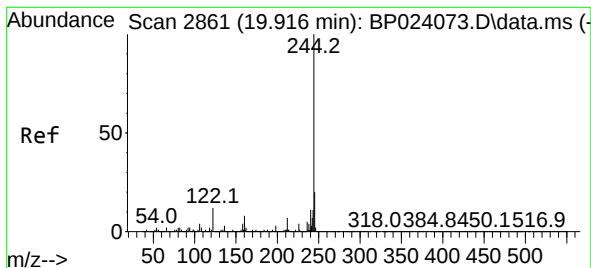
Tgt Ion:188 Resp: 1467381
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.657 min Scan# 3157
Delta R.T. 0.012 min
Lab File: BP024138.D
Acq: 28 Feb 2025 16:59

Tgt Ion:240 Resp: 1636023
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 95.237 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Instrument :

BNA_P

ClientSampleId :

TP-1-WC

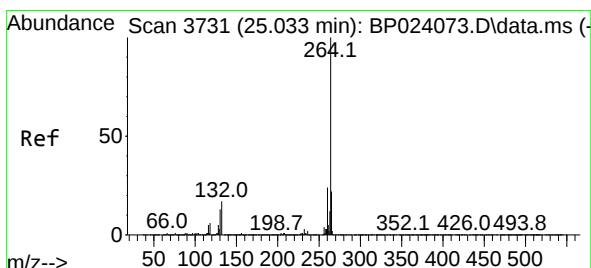
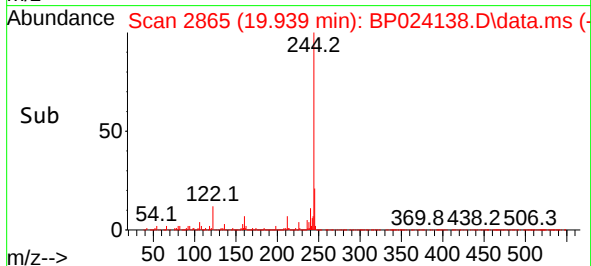
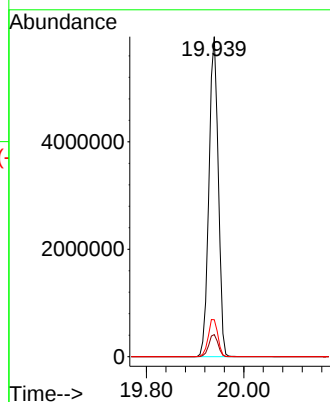
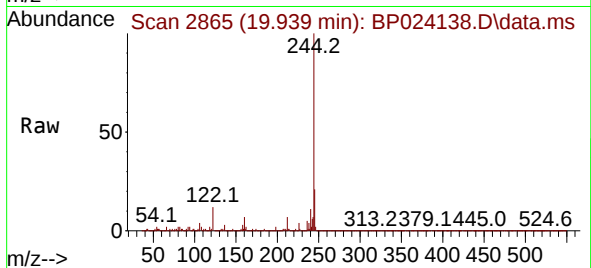
Tgt Ion:244 Resp: 7874206

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 11.6 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.057 min Scan# 3735

Delta R.T. 0.024 min

Lab File: BP024138.D

Acq: 28 Feb 2025 16:59

Tgt Ion:264 Resp: 1912575

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.4 17.8 26.8

