

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024476.D
 Acq On : 30 Apr 2025 16:47
 Operator : RC/JU
 Sample : Q1892-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MH-H

Quant Time: Apr 30 17:25:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

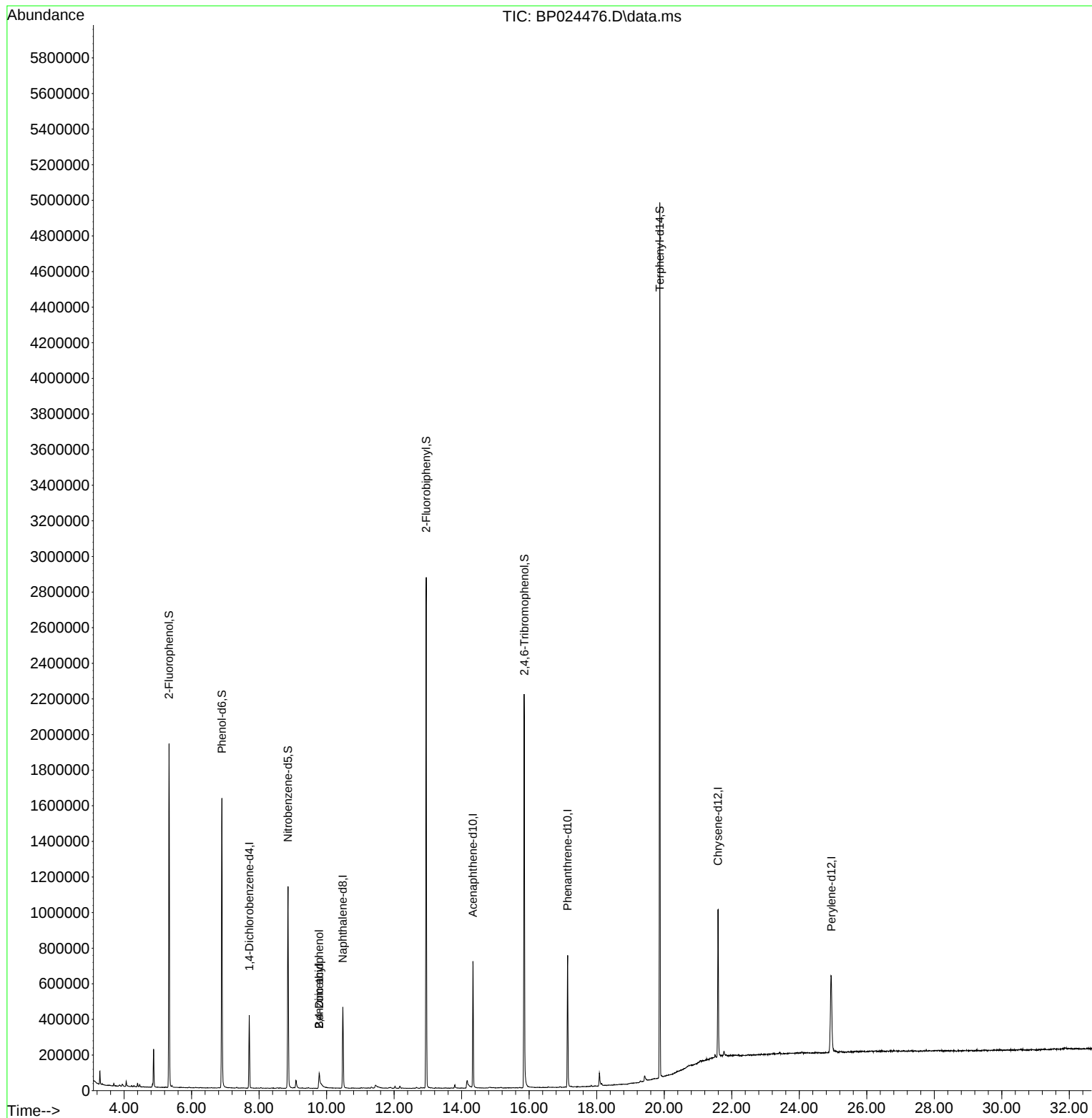
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	107668	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	406324	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	233390	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	445253	20.000	ng	0.00
76) Chrysene-d12	21.592	240	490508	20.000	ng	0.00
86) Perylene-d12	24.951	264	515456	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	808854	124.216	ng	-0.01
7) Phenol-d6	6.899	99	917943	102.951	ng	-0.01
23) Nitrobenzene-d5	8.857	82	656045	92.066	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	484731	150.115	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1403310	92.061	ng	-0.01
79) Terphenyl-d14	19.869	244	2387235	98.098	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	9.781	122	62414	14.409	ng	# 3
32) Benzoic acid	9.781	122	62414	12.366	ng	98

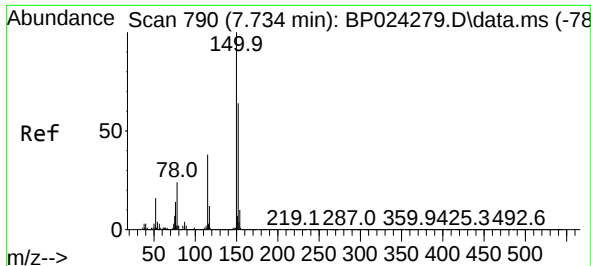
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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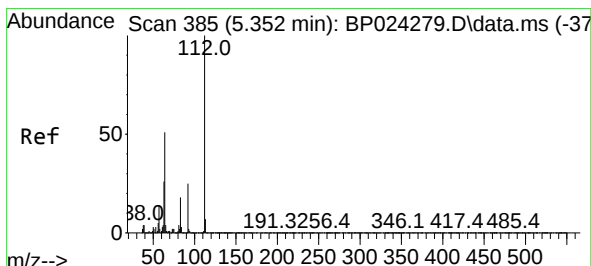
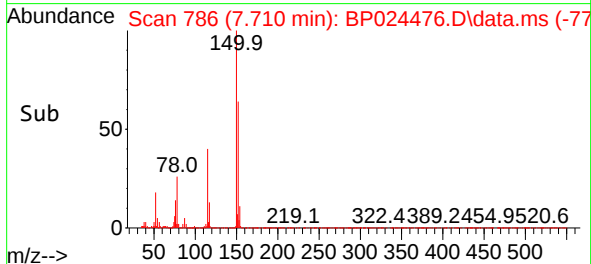
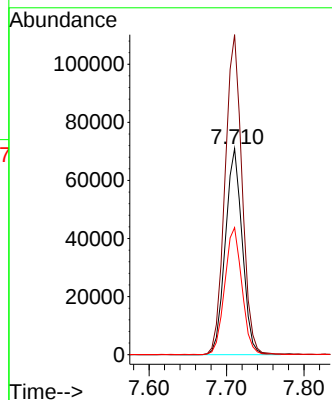
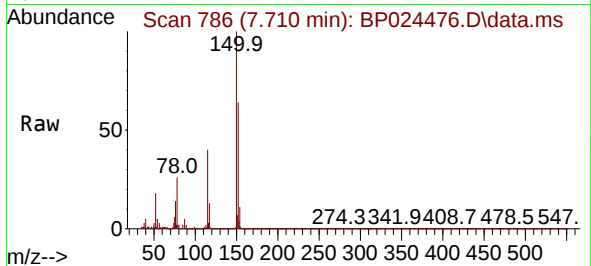




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024476.D
 Acq: 30 Apr 2025 16:47

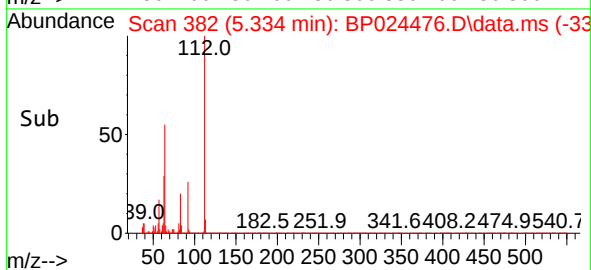
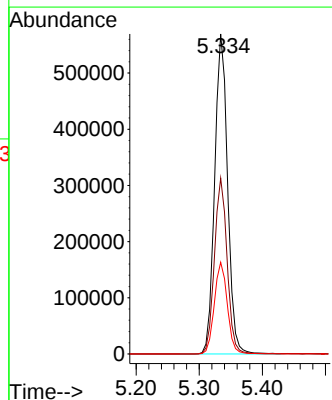
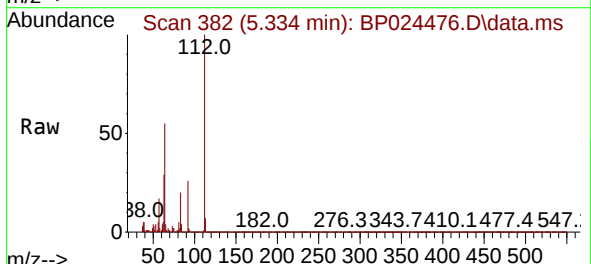
Instrument :
 BNA_P
 ClientSampleId :
 MH-H

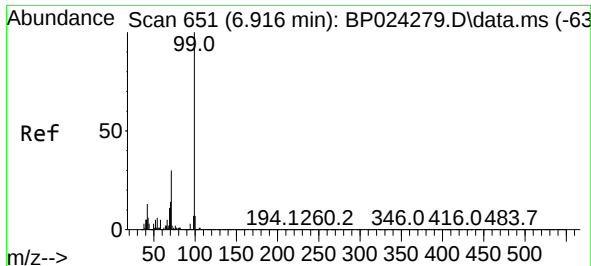
Tgt Ion:152 Resp: 107668
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.9 187.3
 115 61.6 47.7 71.5



#5
 2-Fluorophenol
 Concen: 124.216 ng
 RT: 5.334 min Scan# 382
 Delta R.T. -0.012 min
 Lab File: BP024476.D
 Acq: 30 Apr 2025 16:47

Tgt Ion:112 Resp: 808854
 Ion Ratio Lower Upper
 112 100
 64 54.9 41.1 61.7
 63 28.7 20.6 30.8

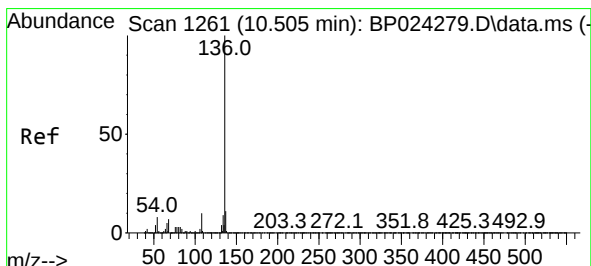
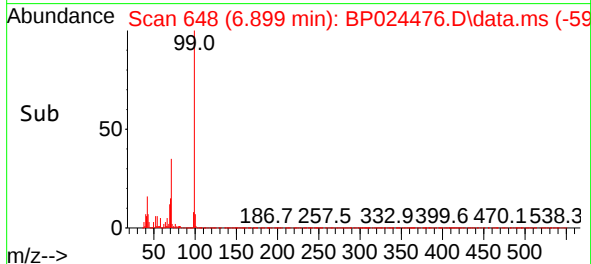
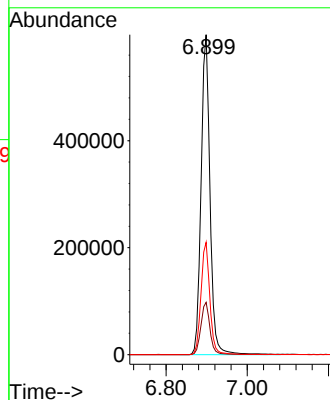
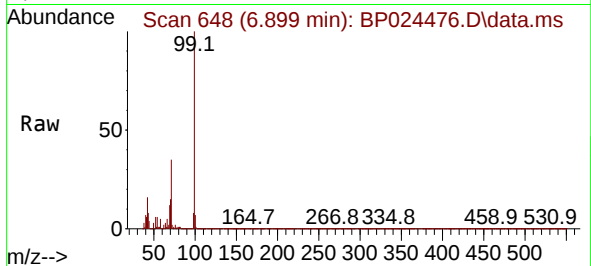




#7
Phenol-d6
Concen: 102.951 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

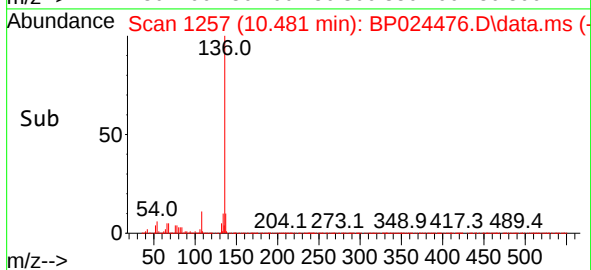
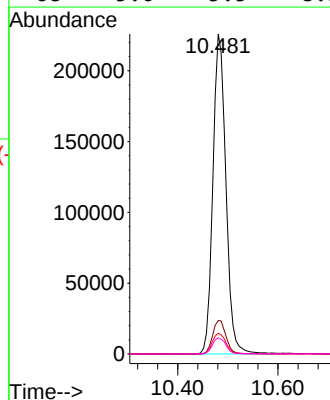
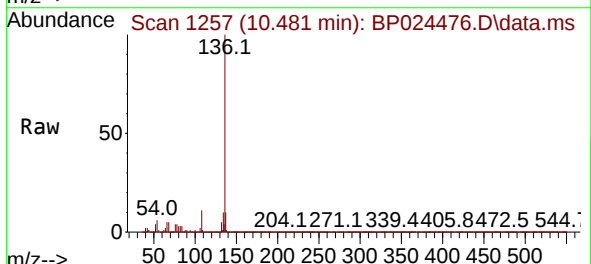
Instrument :
BNA_P
ClientSampleId :
MH-H

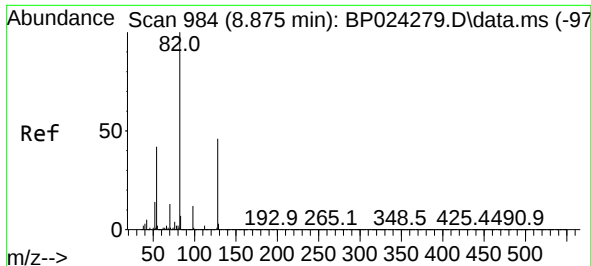
Tgt Ion: 99 Resp: 917943
Ion Ratio Lower Upper
99 100
42 16.3 10.6 16.0#
71 35.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

Tgt Ion:136 Resp: 406324
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 6.4 6.0 9.0
68 5.0 5.5 8.3#

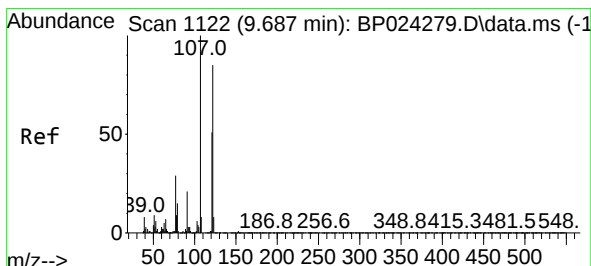
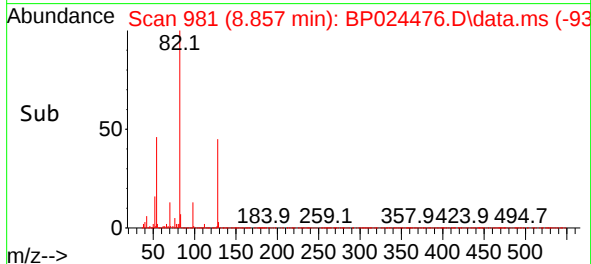
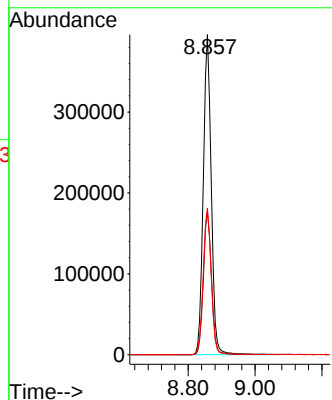
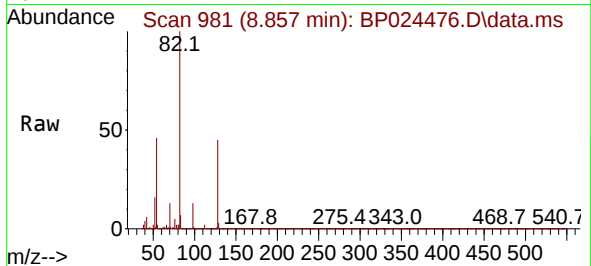




#23
Nitrobenzene-d5
Concen: 92.066 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

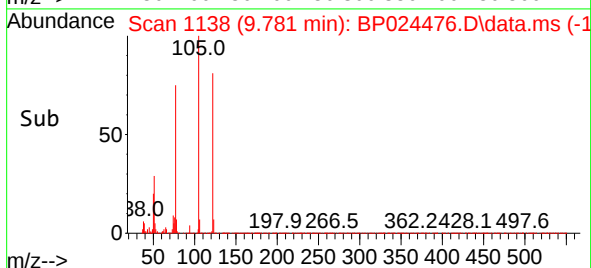
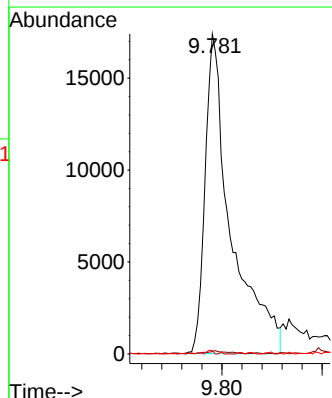
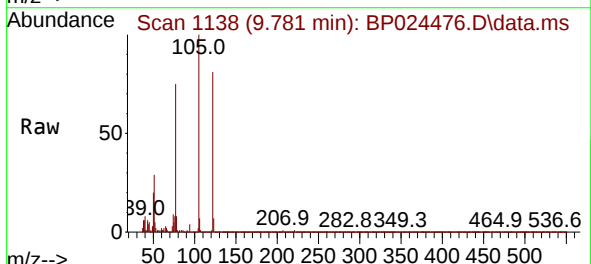
Instrument :
BNA_P
ClientSampleId :
MH-H

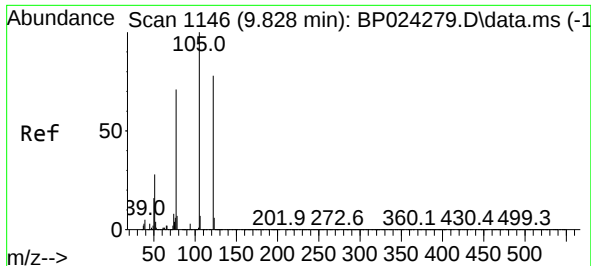
Tgt Ion: 82 Resp: 656045
Ion Ratio Lower Upper
82 100
128 45.0 36.5 54.7
54 45.8 33.4 50.2



#27
2,4-Dimethylphenol
Concen: 14.409 ng
RT: 9.781 min Scan# 1138
Delta R.T. 0.100 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

Tgt Ion: 122 Resp: 62414
Ion Ratio Lower Upper
122 100
107 0.7 93.7 140.5#
121 1.1 48.2 72.2#

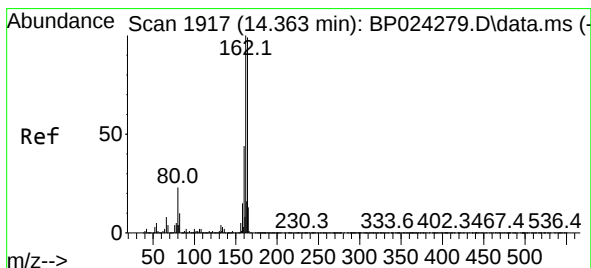
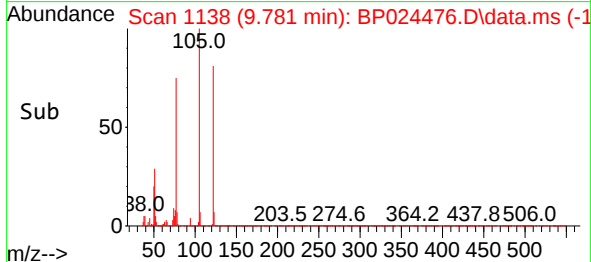
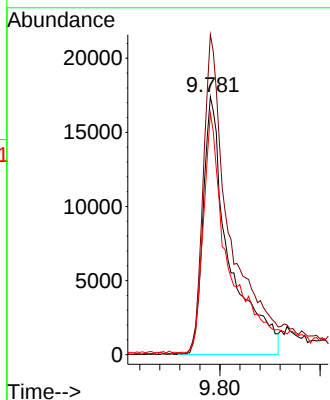
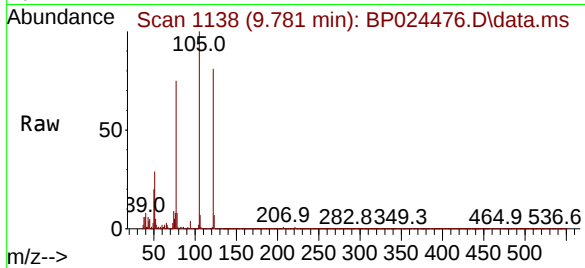




#32
Benzoic acid
Concen: 12.366 ng
RT: 9.781 min Scan# 1146
Delta R.T. -0.041 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

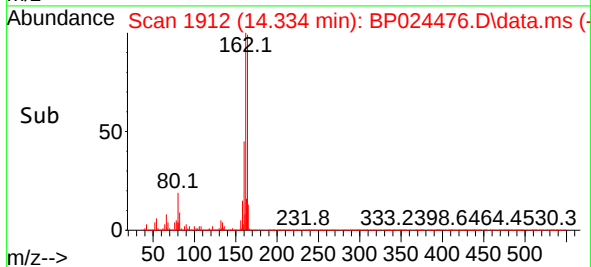
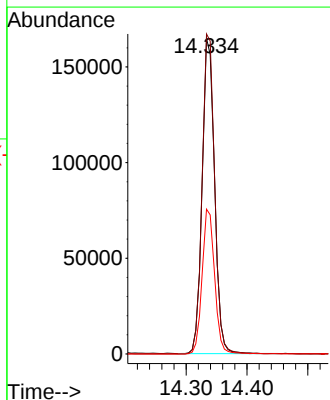
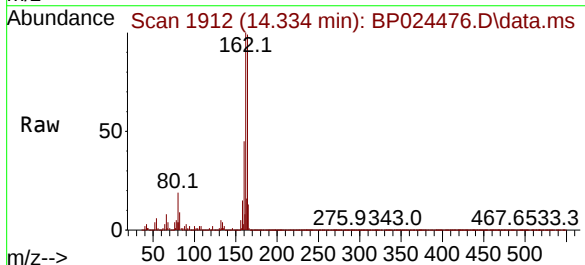
Instrument :
BNA_P
ClientSampleId :
MH-H

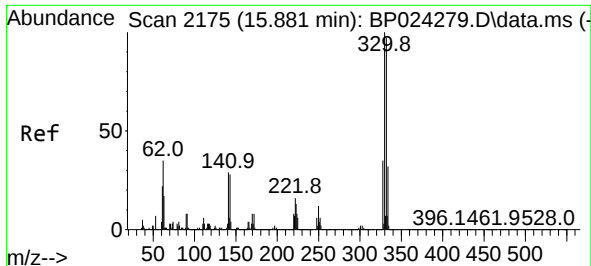
Tgt Ion:122 Resp: 62414
Ion Ratio Lower Upper
122 100
105 124.1 104.8 144.8
77 93.6 69.2 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.018 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

Tgt Ion:164 Resp: 233390
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.9 35.3 52.9

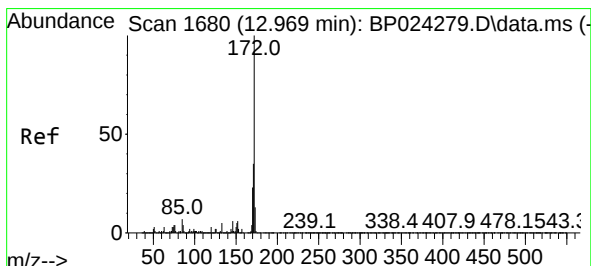
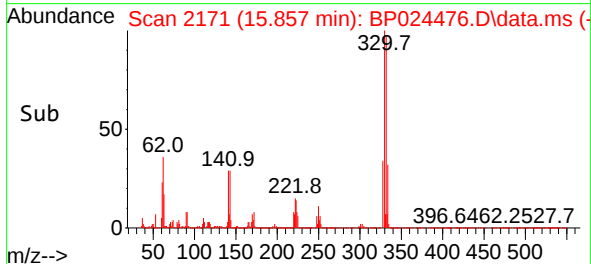
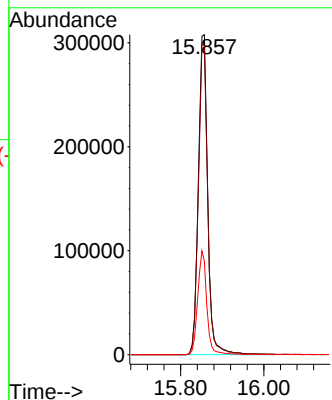
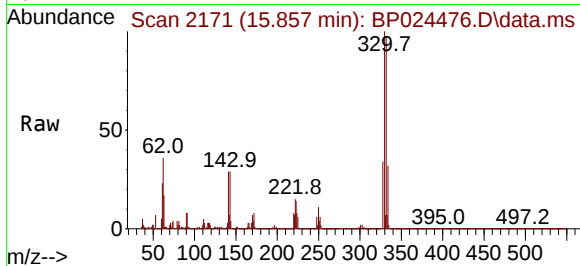




#42
2,4,6-Tribromophenol
Concen: 150.115 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

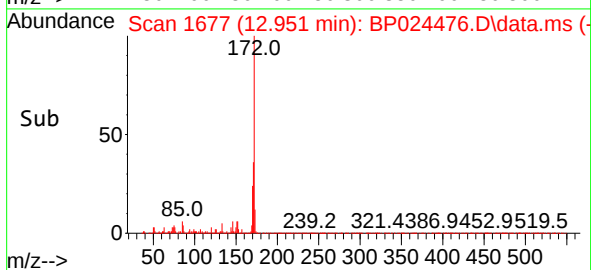
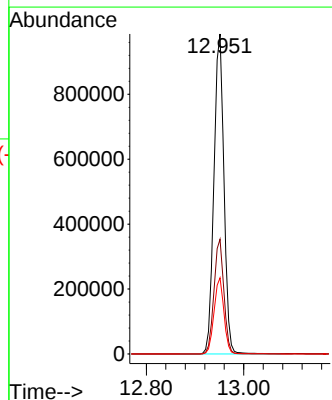
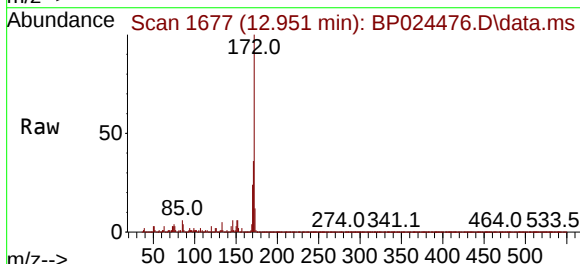
Instrument :
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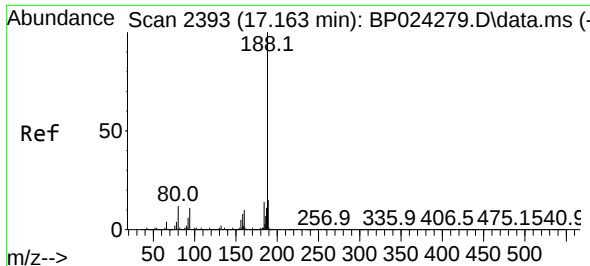
Tgt Ion:330 Resp: 484731
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.061 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

Tgt Ion:172 Resp: 1403310
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.8 18.6 27.8

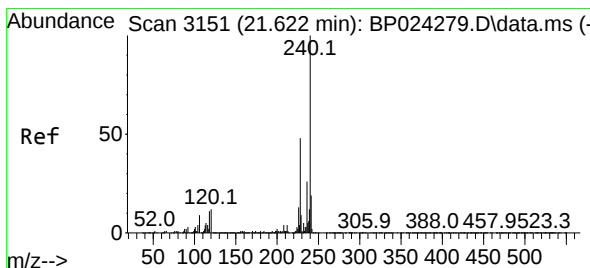
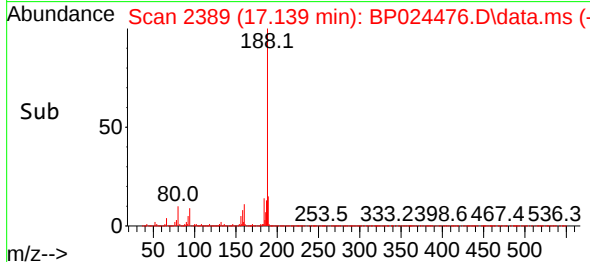
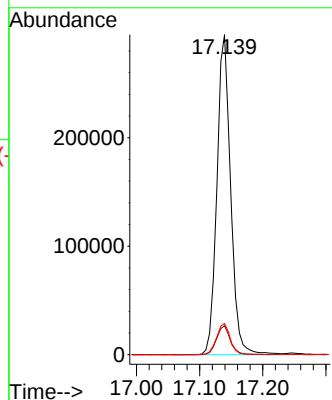
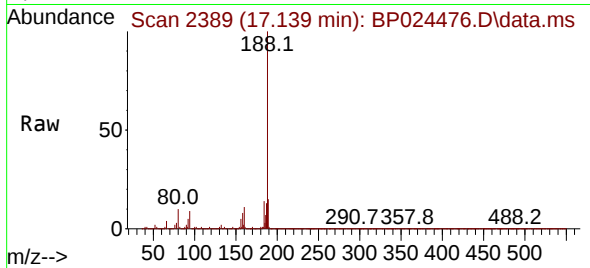




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

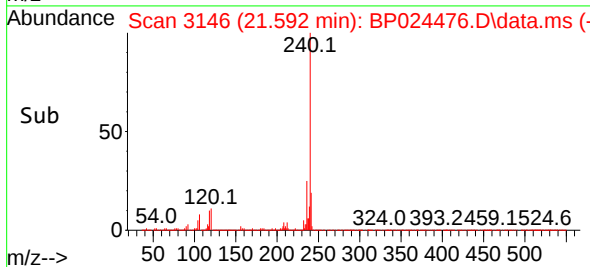
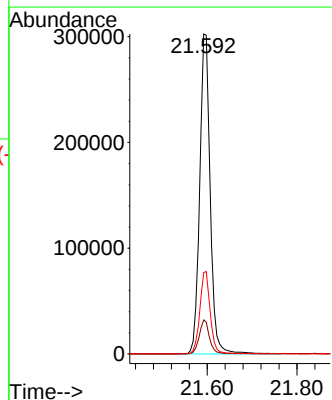
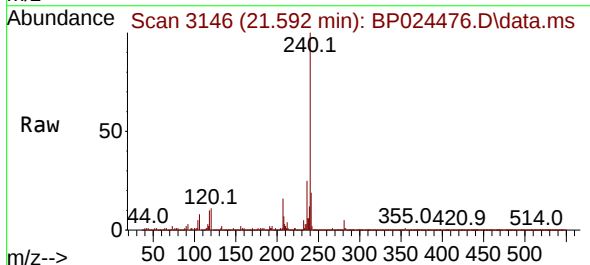
Instrument :
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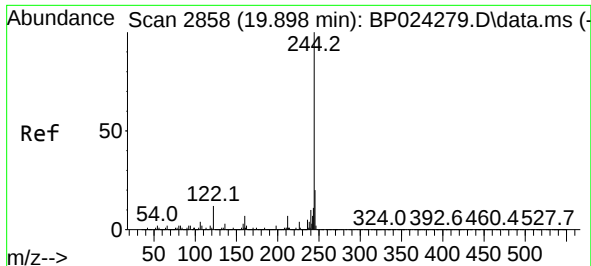
Tgt Ion:188 Resp: 445253
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 9.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP024476.D
Acq: 30 Apr 2025 16:47

Tgt Ion:240 Resp: 490508
Ion Ratio Lower Upper
240 100
120 10.7 9.8 14.8
236 25.5 20.9 31.3

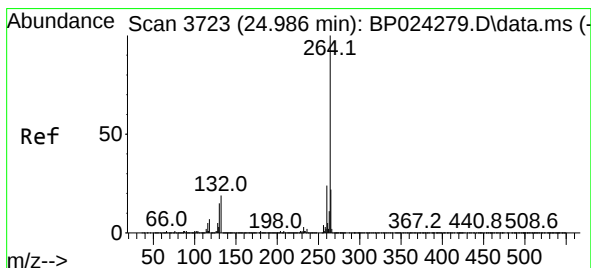
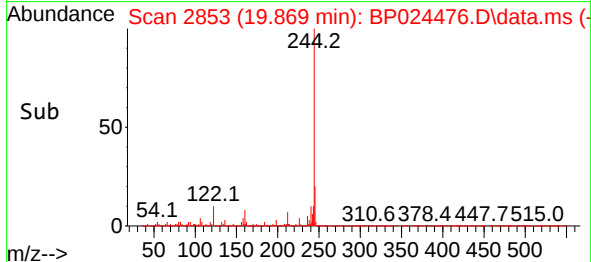
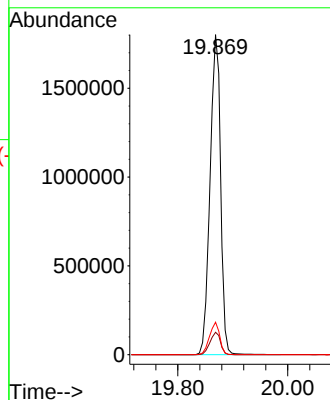
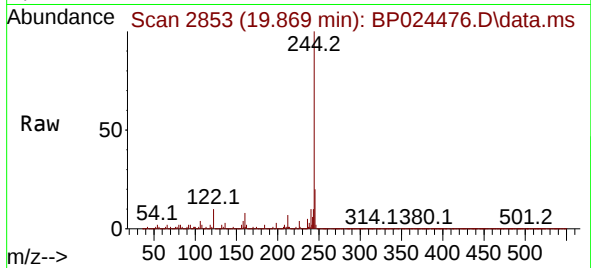




#79
 Terphenyl-d14
 Concen: 98.098 ng
 RT: 19.869 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024476.D
 Acq: 30 Apr 2025 16:47

Instrument :
 BNA_P
 ClientSampleId :
 MH-H

Tgt Ion:244 Resp: 2387235
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.1 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.951 min Scan# 3717
 Delta R.T. 0.018 min
 Lab File: BP024476.D
 Acq: 30 Apr 2025 16:47

Tgt Ion:264 Resp: 515456
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 22.1 17.8 26.6

