

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
 Data File : BP024494.D
 Acq On : 01 May 2025 16:13
 Operator : RC/JU
 Sample : Q1906-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-7

Quant Time: May 01 17:11:55 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	203344	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	796304	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	510715	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	998954	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	797765	20.000	ng	# 0.01
86) Perylene-d12	24.956	264	956026	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1379809	112.197	ng	0.00
7) Phenol-d6	6.904	99	1614800	95.893	ng	0.00
23) Nitrobenzene-d5	8.857	82	1198405	85.815	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1154396	163.373	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2870747	86.064	ng	0.00
79) Terphenyl-d14	19.880	244	4299916	108.642	ng	0.00

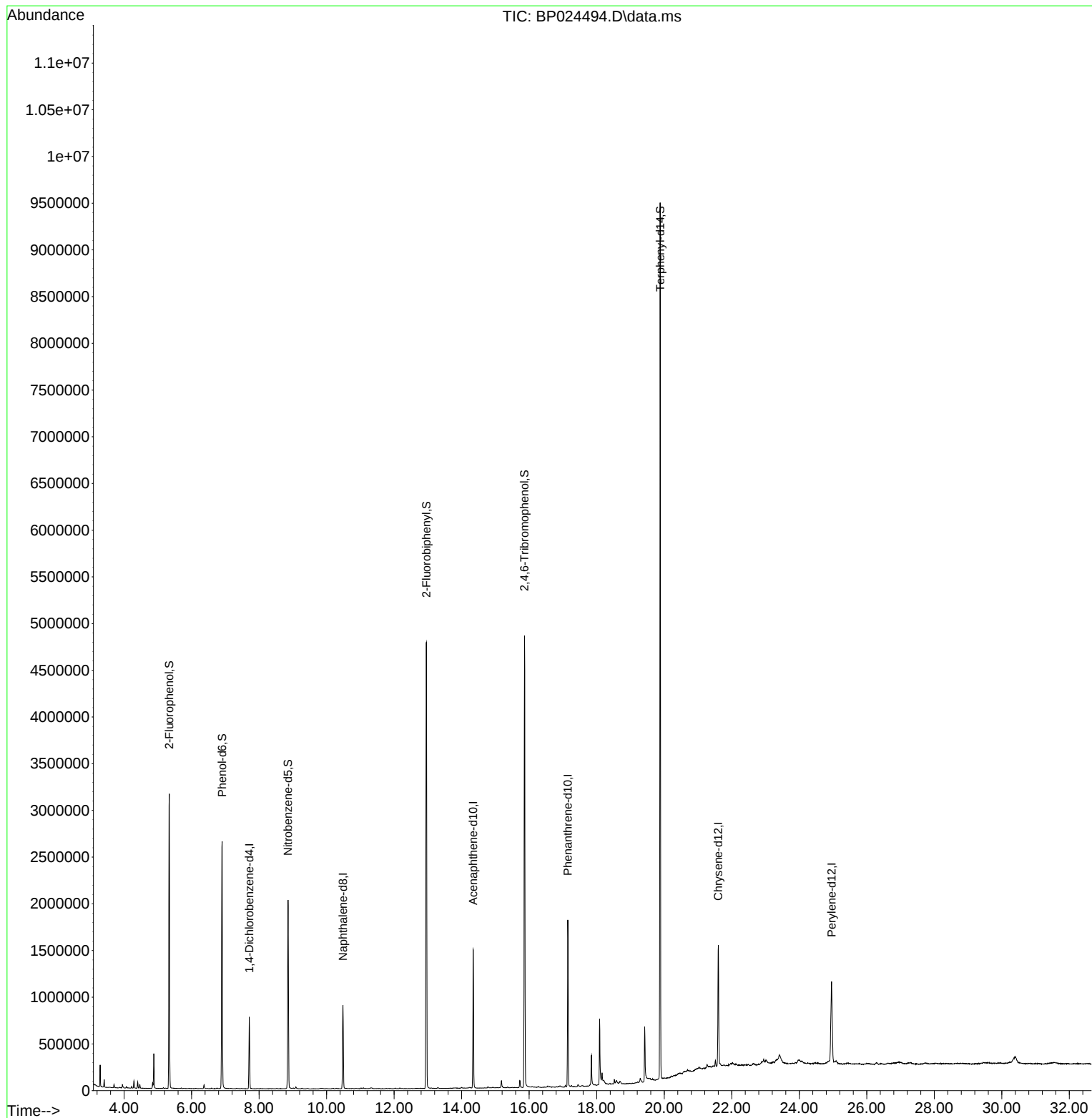
Target Compounds	Qvalue

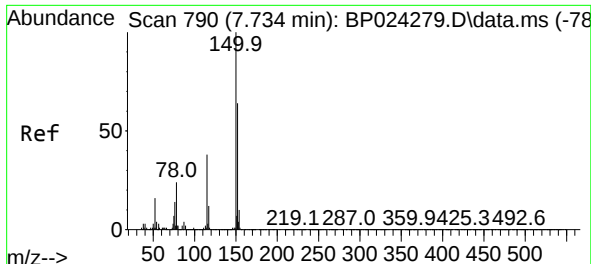
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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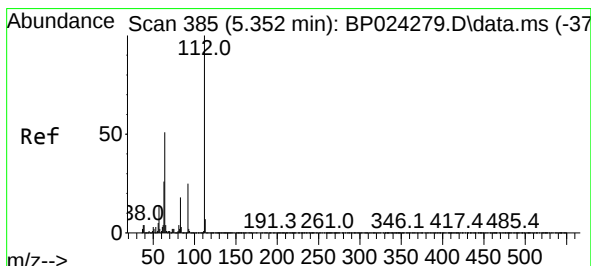
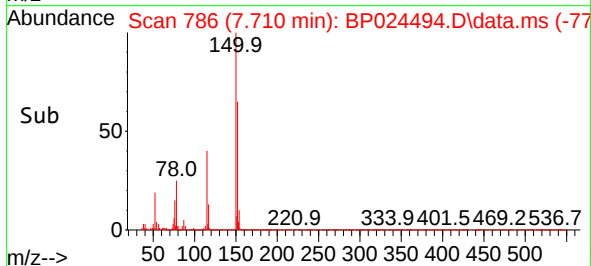
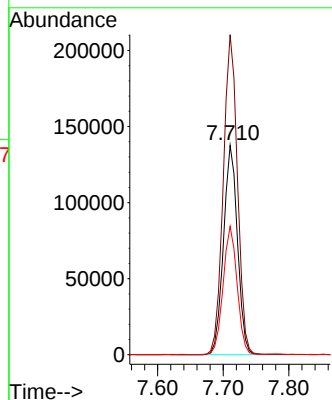
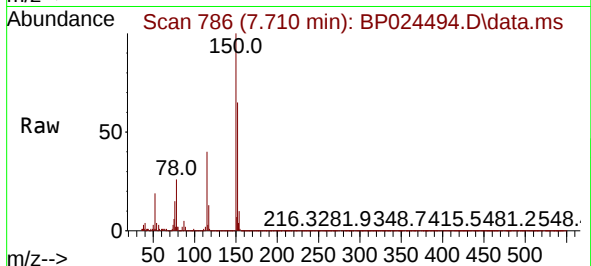




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.710 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BP024494.D
 Acq: 01 May 2025 16:13

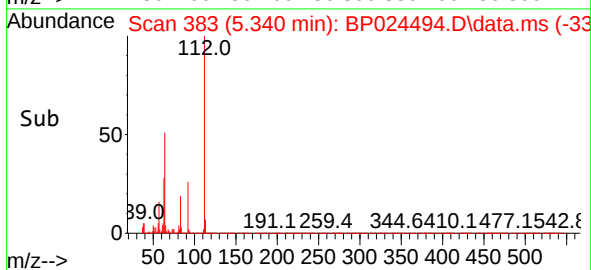
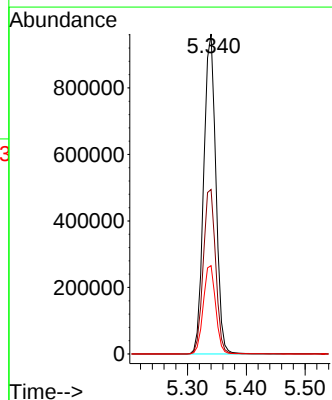
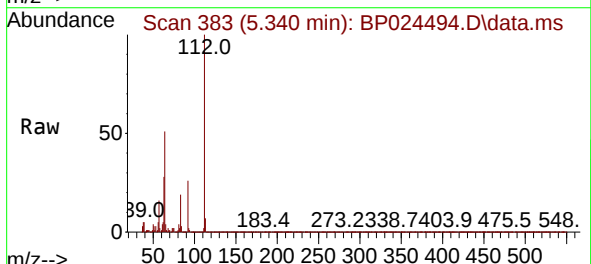
Instrument :
 BNA_P
 ClientSampleId :
 WC-7

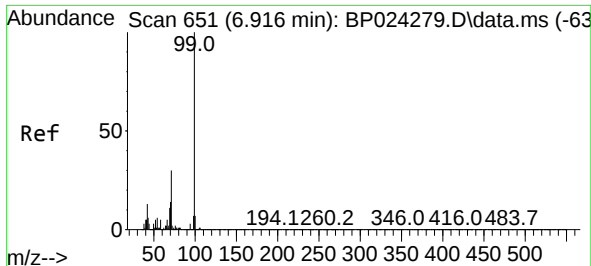
Tgt Ion:152 Resp: 203344
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.9 187.3
 115 61.3 47.7 71.5



#5
 2-Fluorophenol
 Concen: 112.197 ng
 RT: 5.340 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: BP024494.D
 Acq: 01 May 2025 16:13

Tgt Ion:112 Resp: 1379809
 Ion Ratio Lower Upper
 112 100
 64 51.4 41.1 61.7
 63 27.6 20.6 30.8

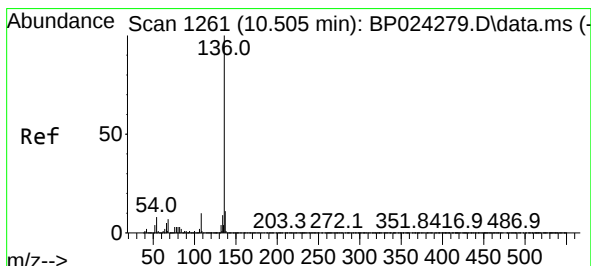
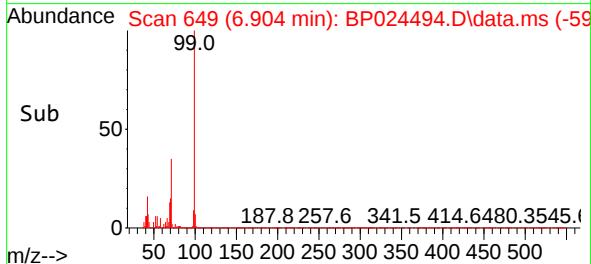
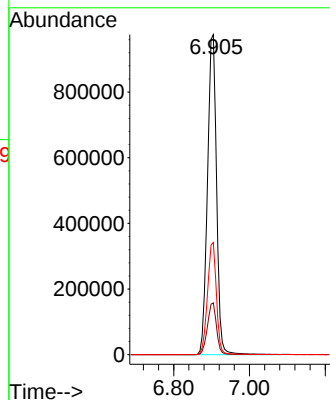
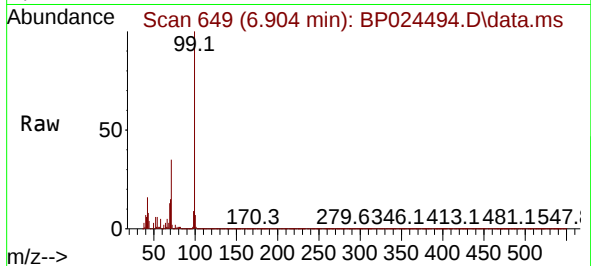




#7
Phenol-d6
Concen: 95.893 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

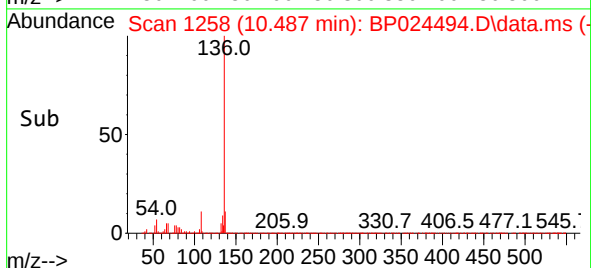
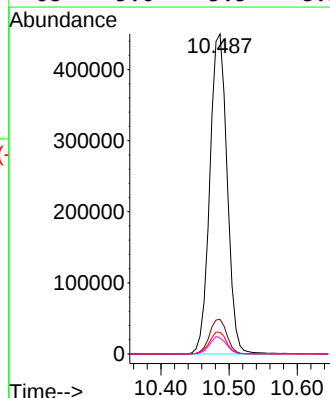
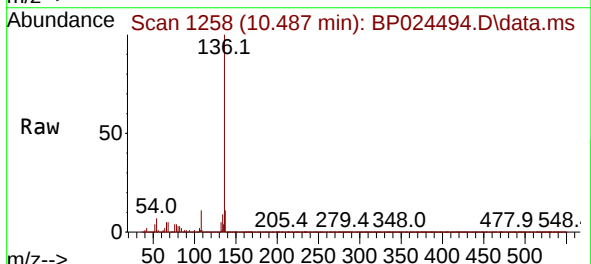
Instrument :
BNA_P
ClientSampleId :
WC-7

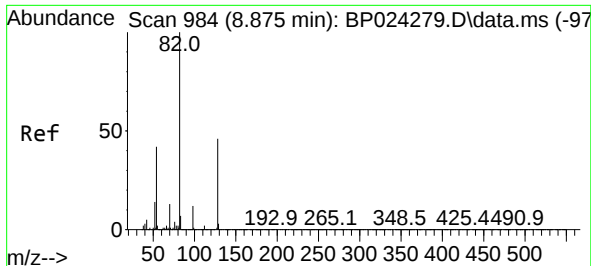
Tgt Ion: 99 Resp: 1614800
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 35.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

Tgt Ion:136 Resp: 796304
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.8 6.0 9.0
68 5.0 5.5 8.3#

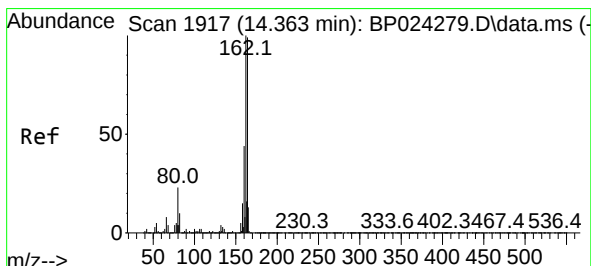
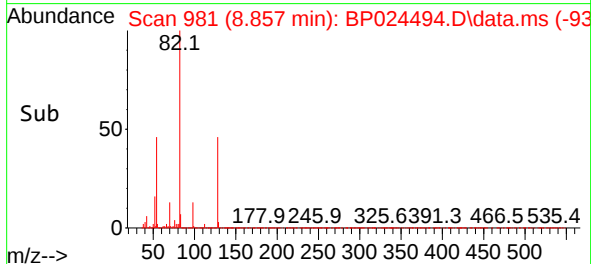
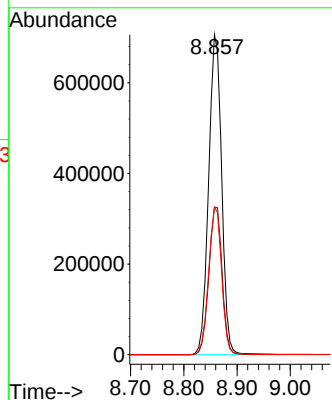
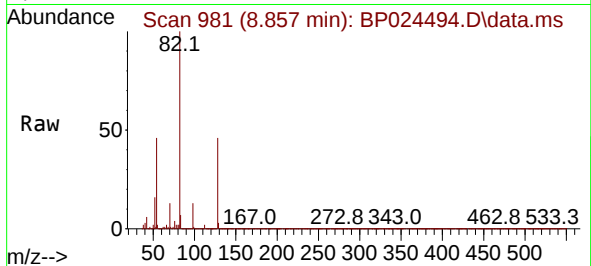




#23
Nitrobenzene-d5
Concen: 85.815 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

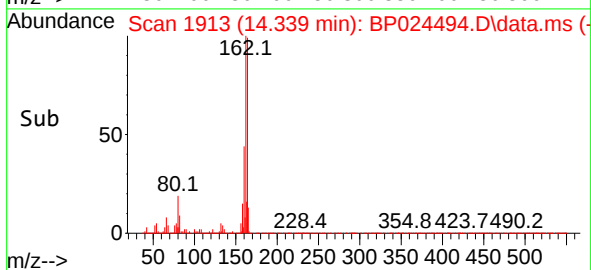
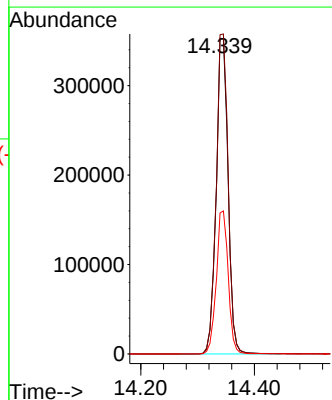
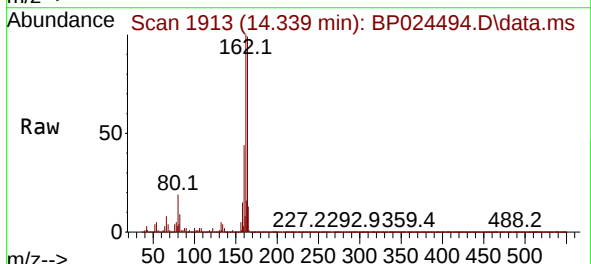
Instrument :
BNA_P
ClientSampleId :
WC-7

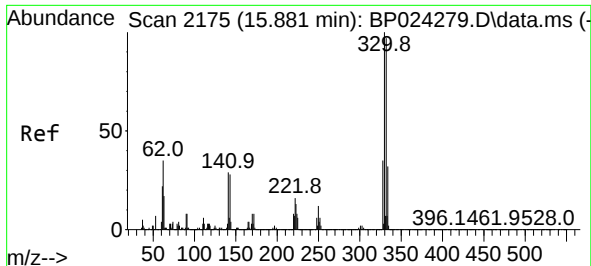
Tgt Ion: 82 Resp: 1198405
Ion Ratio Lower Upper
82 100
128 46.2 36.5 54.7
54 46.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

Tgt Ion: 164 Resp: 510715
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.6 35.3 52.9

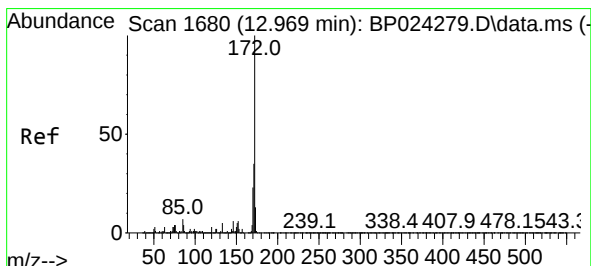
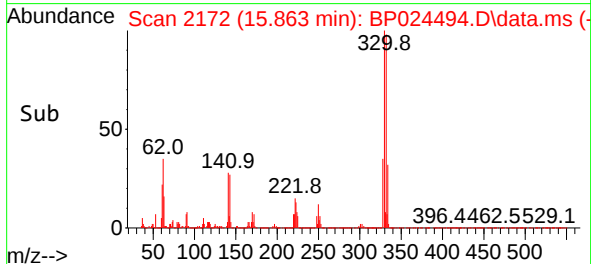
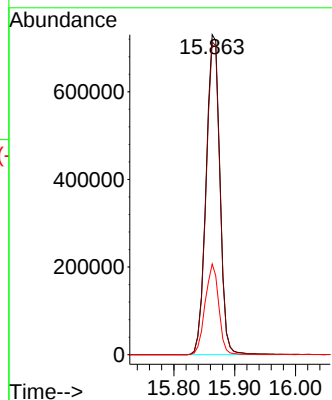
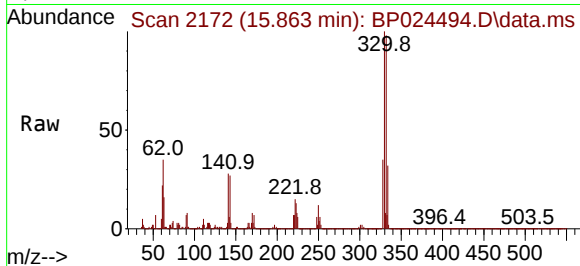




#42
2,4,6-Tribromophenol
Concen: 163.373 ng
RT: 15.863 min Scan# 2175
Delta R.T. -0.000 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

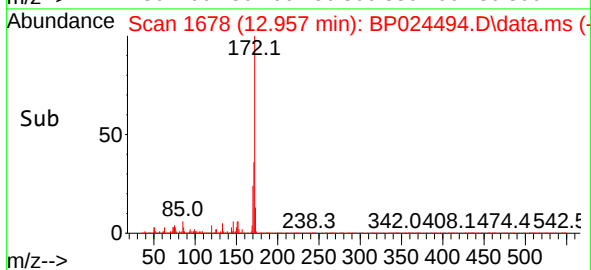
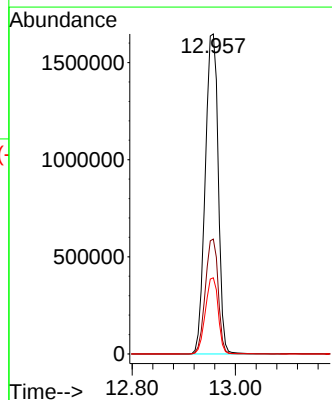
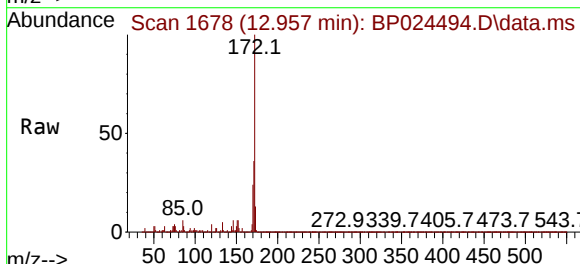
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WC-7

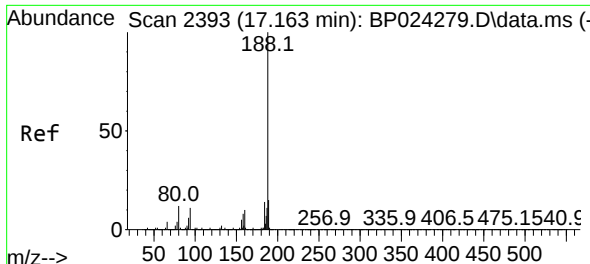
Tgt Ion:330 Resp: 1154396
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 27.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.064 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

Tgt Ion:172 Resp: 2870747
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.8 18.6 27.8

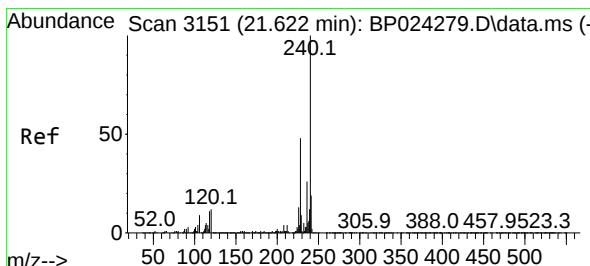
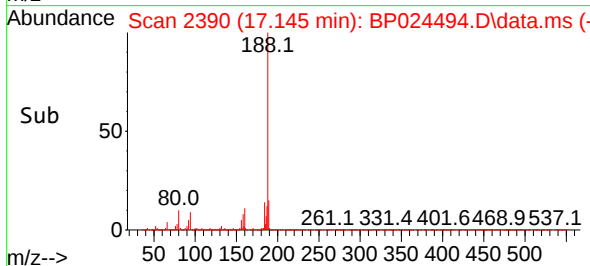
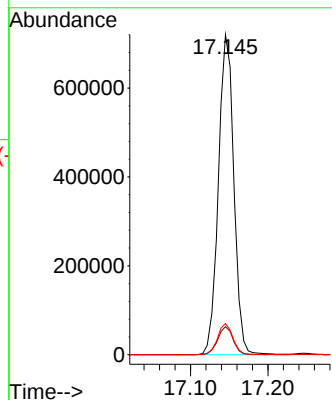
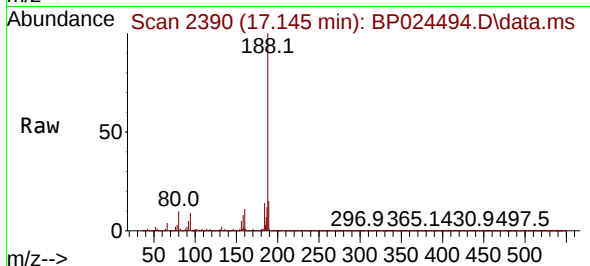




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

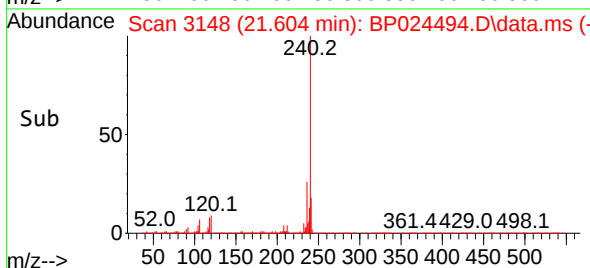
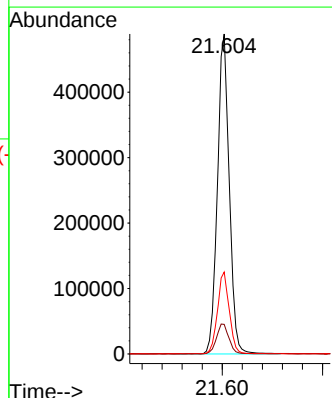
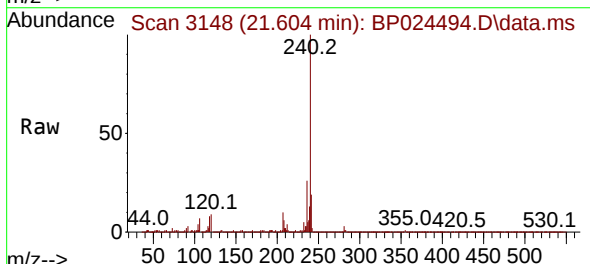
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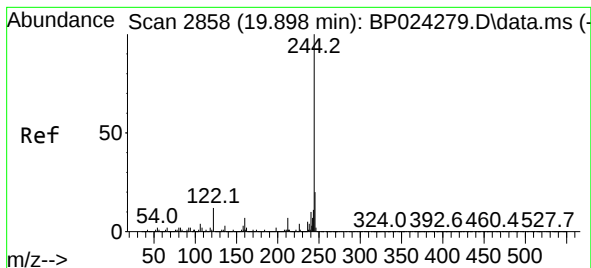
Tgt Ion:188 Resp: 998954
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.7 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.604 min Scan# 3148
Delta R.T. 0.012 min
Lab File: BP024494.D
Acq: 01 May 2025 16:13

Tgt Ion:240 Resp: 797765
Ion Ratio Lower Upper
240 100
120 9.3 9.8 14.8#
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 108.642 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024494.D

Acq: 01 May 2025 16:13

Instrument :

BNA_P

ClientSampleId :

WC-7

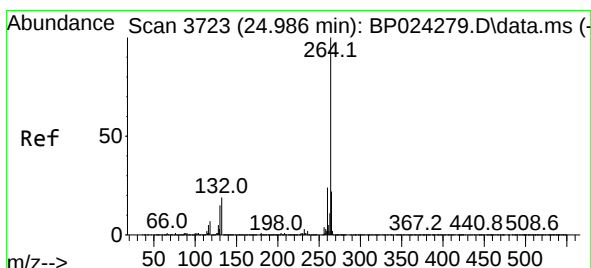
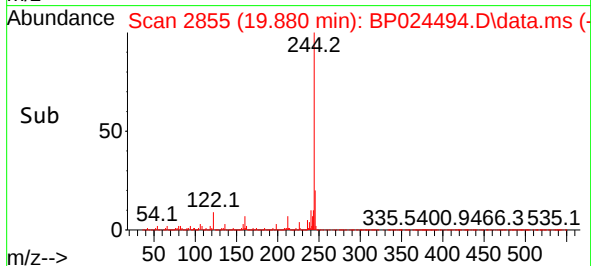
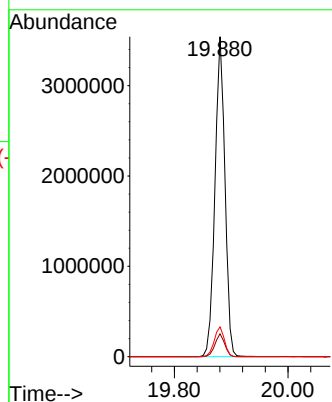
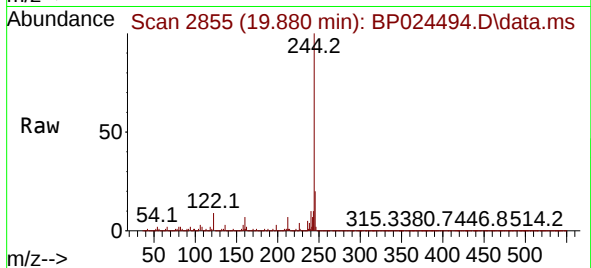
Tgt Ion:244 Resp: 4299916

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.3 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.956 min Scan# 3718

Delta R.T. 0.023 min

Lab File: BP024494.D

Acq: 01 May 2025 16:13

Tgt Ion:264 Resp: 956026

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.9 17.8 26.6

