

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024591.D
 Acq On : 09 May 2025 15:05
 Operator : RC/JU
 Sample : Q1972-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-1

Quant Time: May 09 15:31:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 09 12:07:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	116035	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	423568	20.000	ng	# 0.00
39) Acenaphthene-d10	14.328	164	233828	20.000	ng	0.00
64) Phenanthrene-d10	17.134	188	475163	20.000	ng	# 0.00
76) Chrysene-d12	21.563	240	617848	20.000	ng	0.00
86) Perylene-d12	24.892	264	802925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	864231	123.150	ng	0.00
7) Phenol-d6	6.893	99	965296	100.455	ng	0.00
23) Nitrobenzene-d5	8.846	82	700554	94.309	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	524332	162.074	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	1512647	99.048	ng	0.00
79) Terphenyl-d14	19.845	244	2715200	88.579	ng	0.00

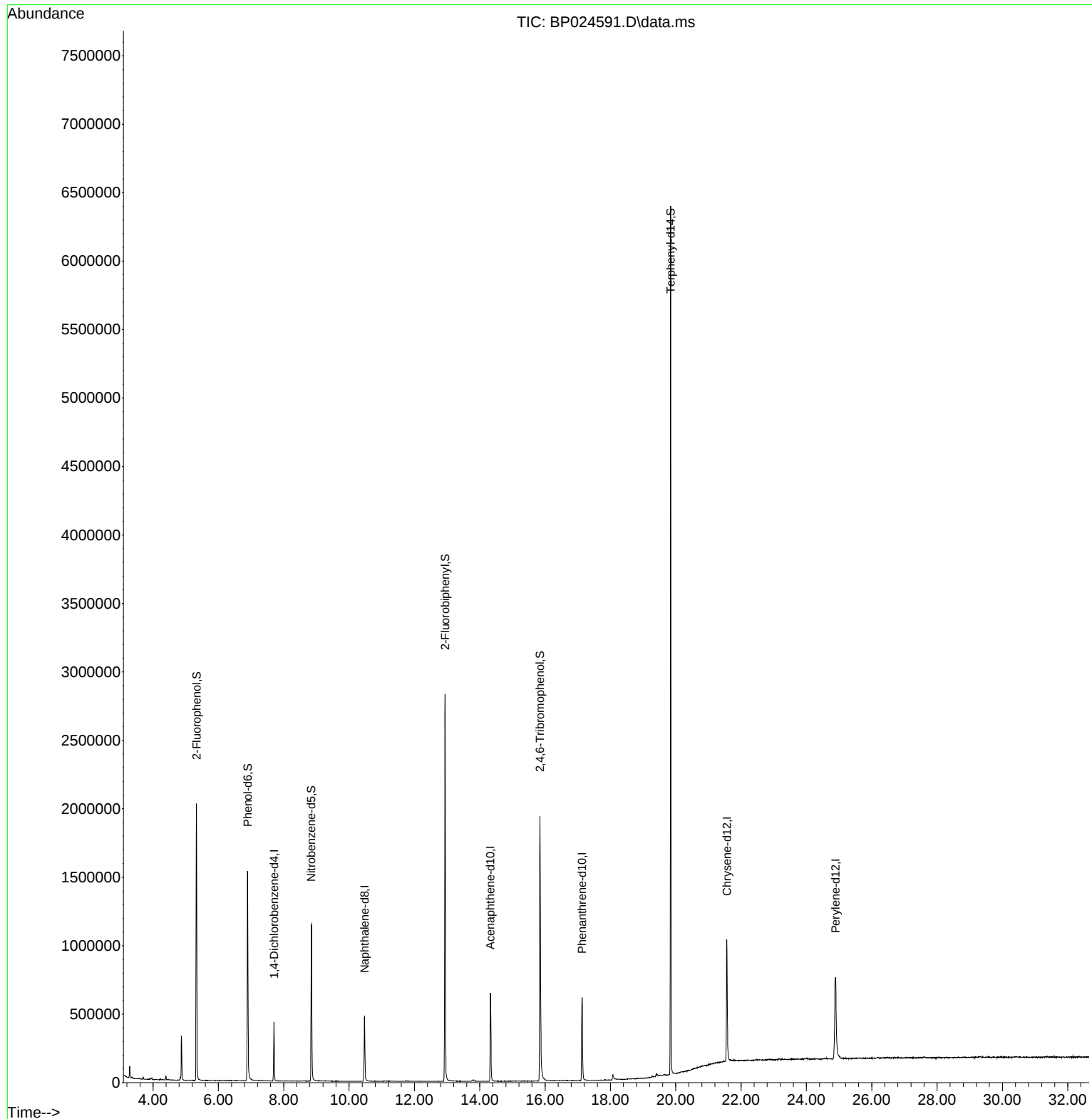
Target Compounds	Qvalue

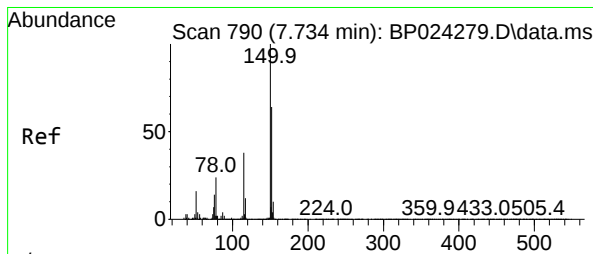
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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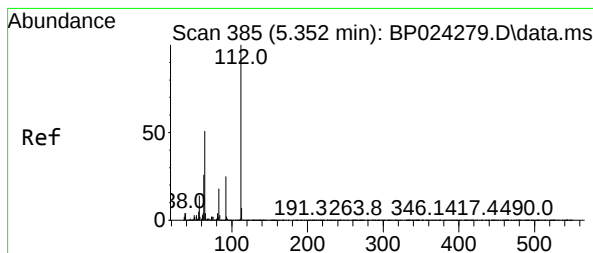
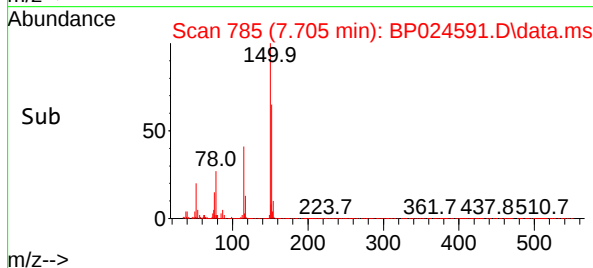
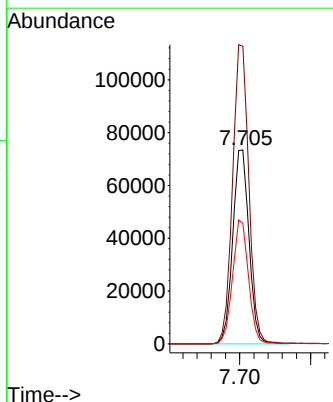
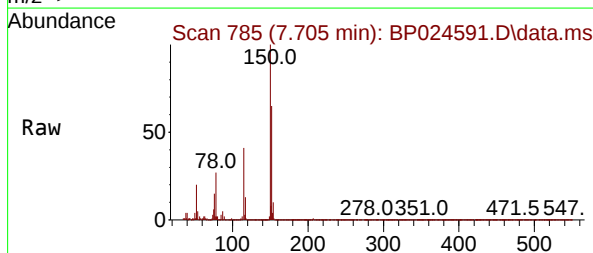




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.705 min Scan# 7
 Delta R.T. 0.007 min
 Lab File: BP024591.D
 Acq: 09 May 2025 15:05

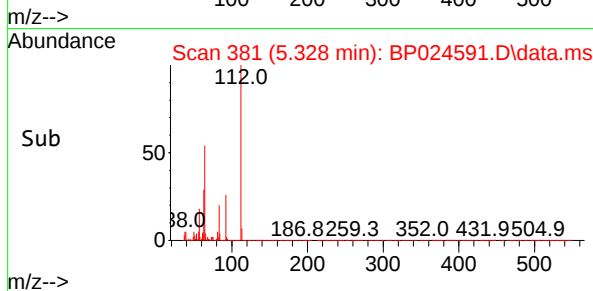
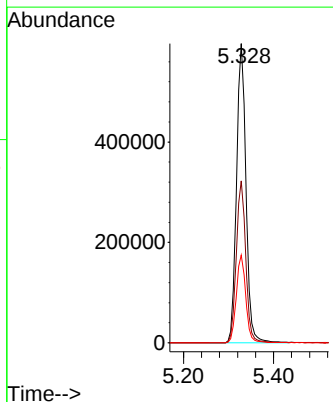
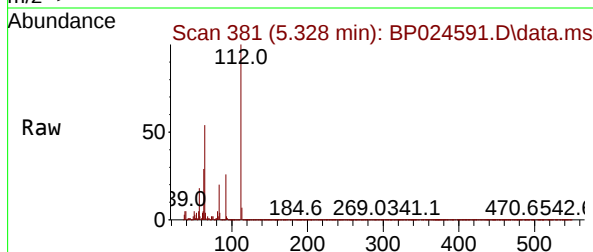
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 ClientSampleId :
 WC-B-1

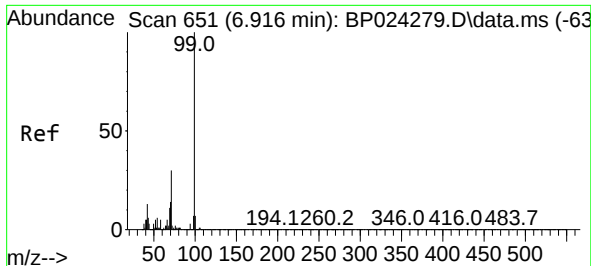
Tgt Ion:152 Resp: 116035
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.9 187.3
 115 62.2 47.7 71.5



#5
 2-Fluorophenol
 Concen: 123.150 ng
 RT: 5.328 min Scan# 381
 Delta R.T. 0.000 min
 Lab File: BP024591.D
 Acq: 09 May 2025 15:05

Tgt Ion:112 Resp: 864231
 Ion Ratio Lower Upper
 112 100
 64 54.2 41.1 61.7
 63 29.3 20.6 30.8

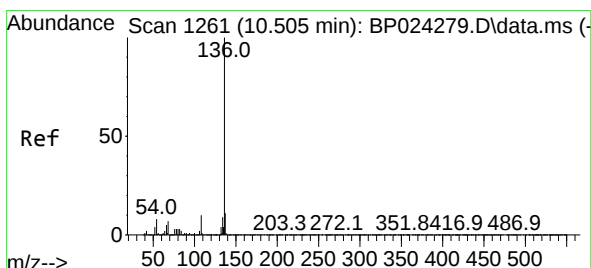
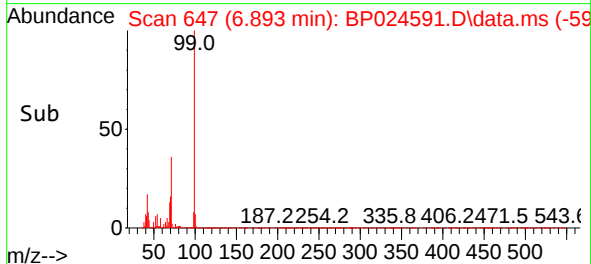
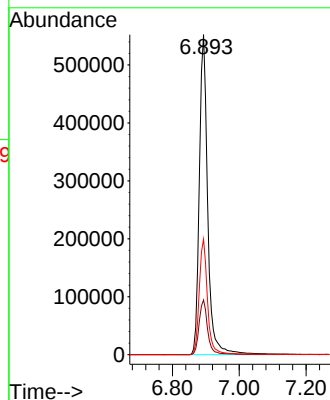
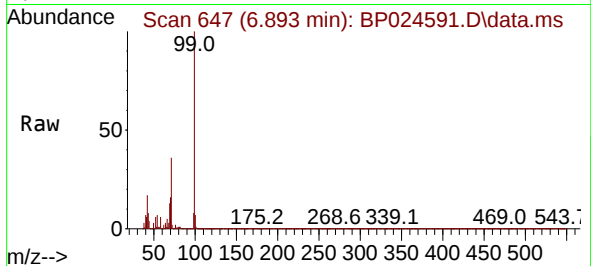




#7
Phenol-d6
Concen: 100.455 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

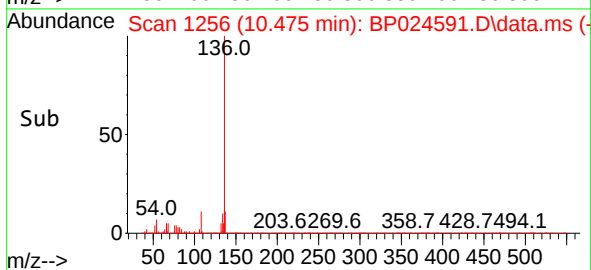
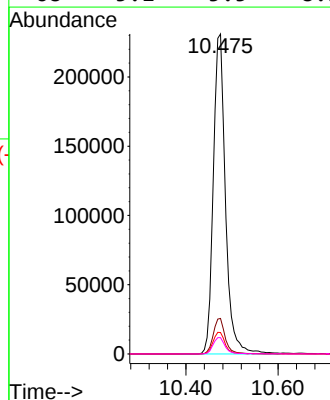
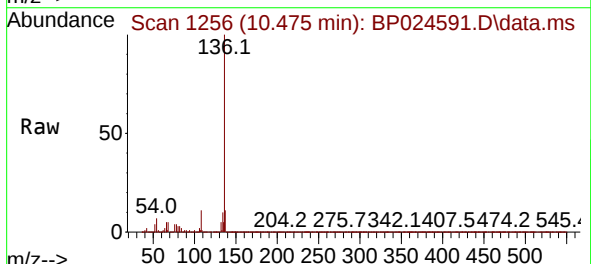
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ClientSampleId :
WC-B-1

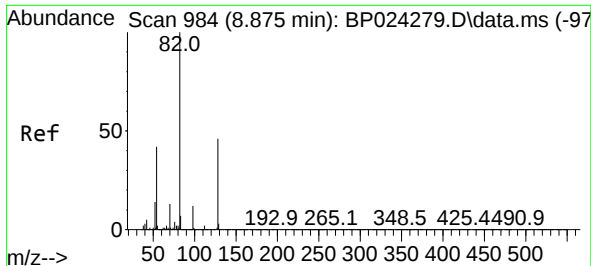
Tgt Ion: 99 Resp: 965296
Ion Ratio Lower Upper
99 100
42 17.1 10.6 16.0#
71 36.1 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

Tgt Ion: 136 Resp: 423568
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.7 6.0 9.0
68 5.1 5.5 8.3#

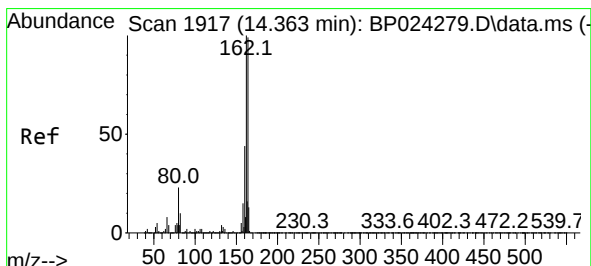
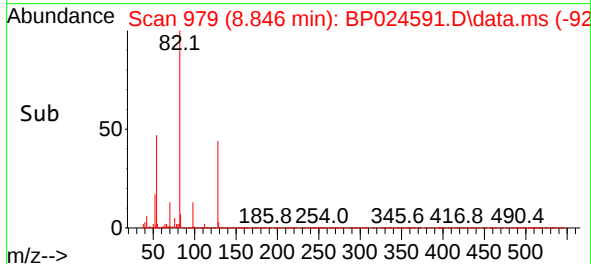
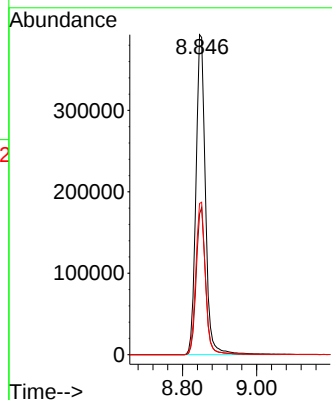
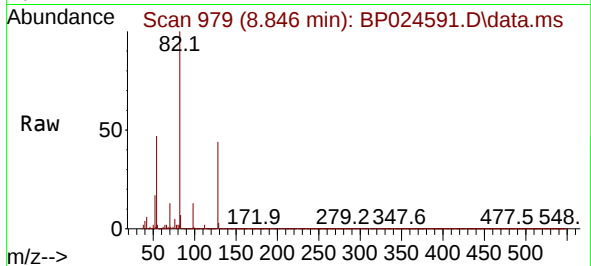




#23
Nitrobenzene-d5
Concen: 94.309 ng
RT: 8.846 min Scan# 911
Delta R.T. 0.000 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

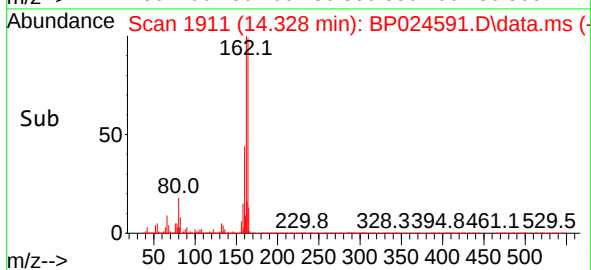
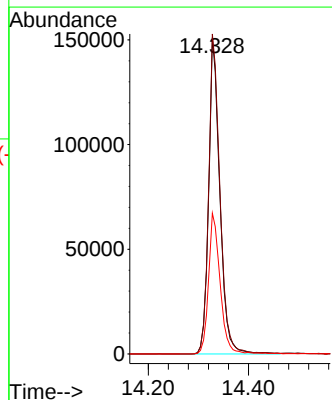
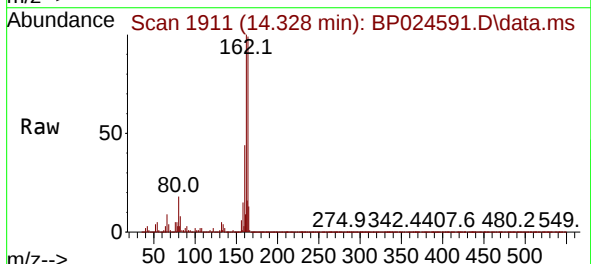
Instrument :
BNA_P
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WC-B-1

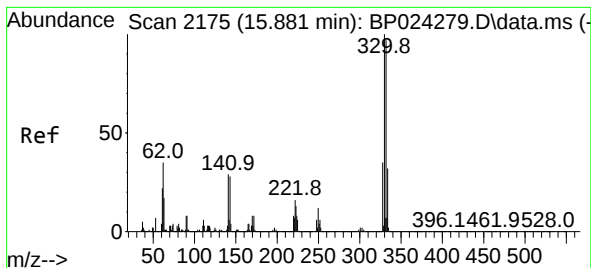
Tgt Ion: 82 Resp: 700554
Ion Ratio Lower Upper
82 100
128 44.0 36.5 54.7
54 47.3 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

Tgt Ion: 164 Resp: 233828
Ion Ratio Lower Upper
164 100
162 101.1 80.6 120.8
160 44.5 35.3 52.9

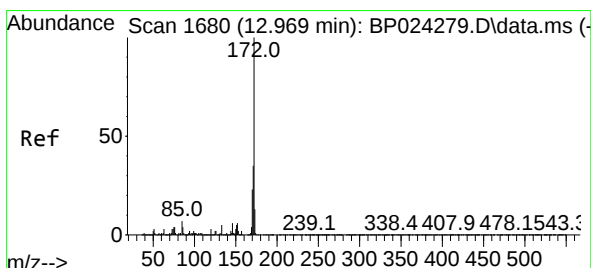
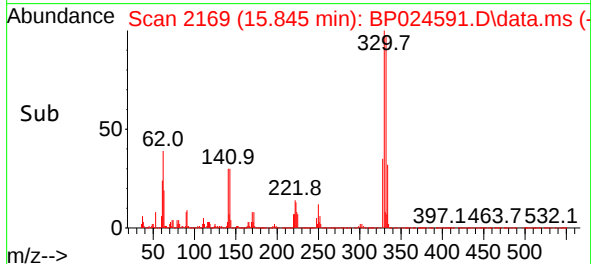
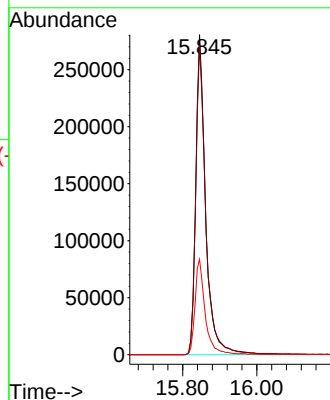
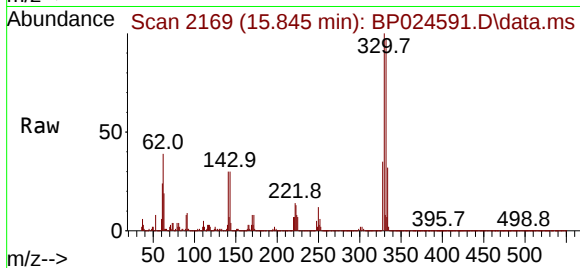




#42
2,4,6-Tribromophenol
Concen: 162.074 ng
RT: 15.845 min Scan# 2175
Delta R.T. 0.000 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

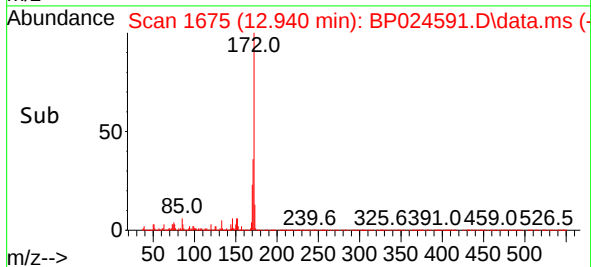
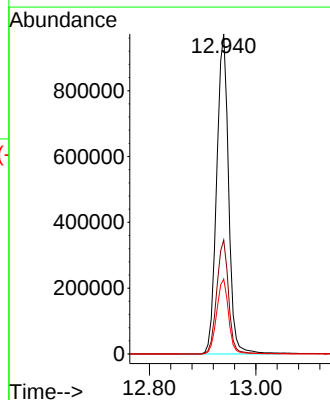
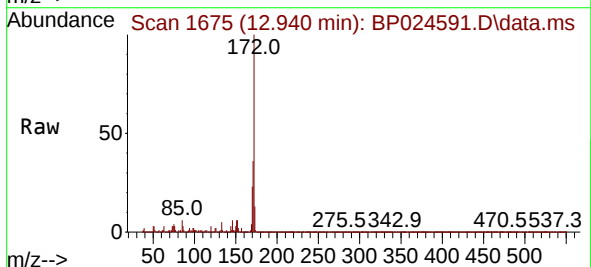
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BNA_P
ClientSampleId :
WC-B-1

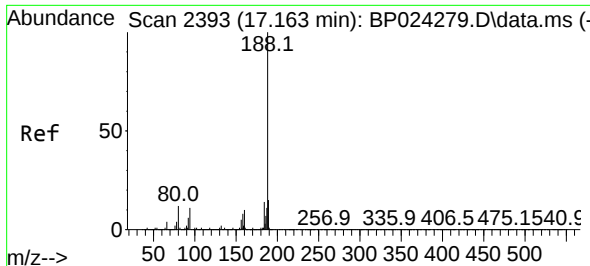
Tgt Ion:330 Resp: 524332
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 30.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 99.048 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

Tgt Ion:172 Resp: 1512647
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.6 27.8

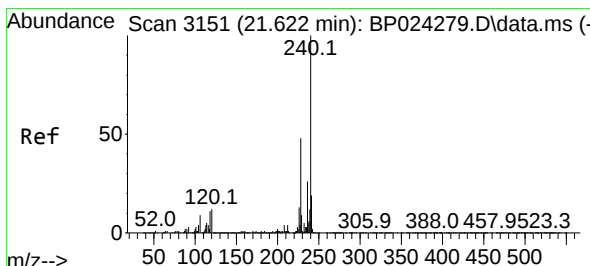
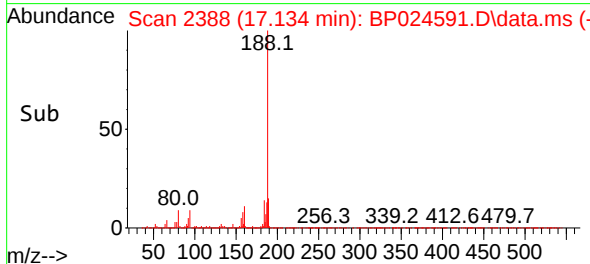
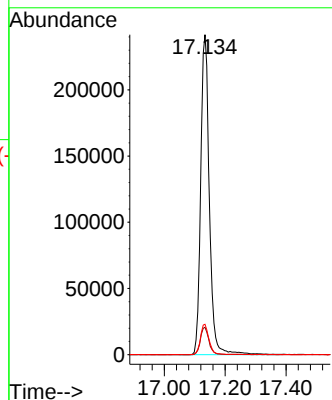
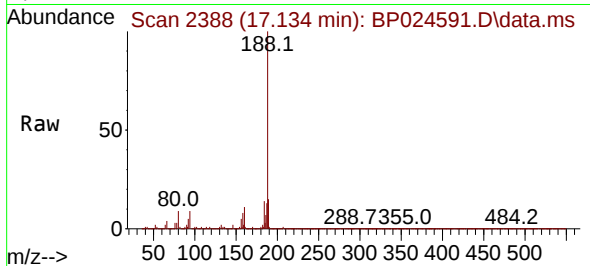




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

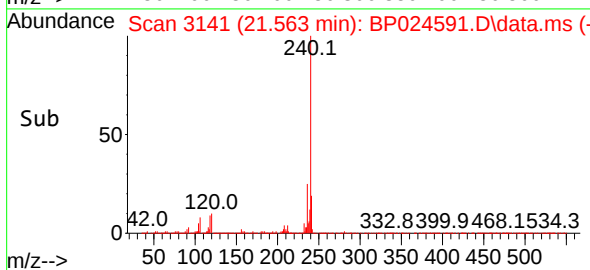
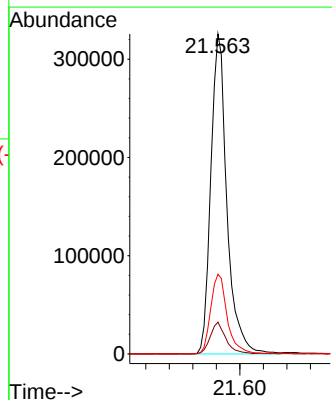
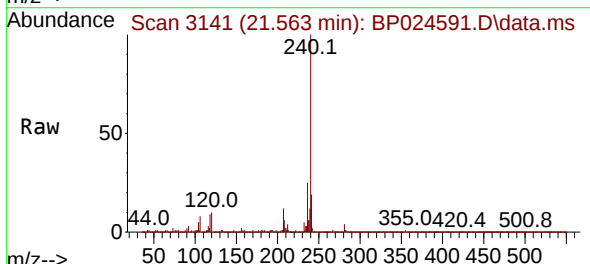
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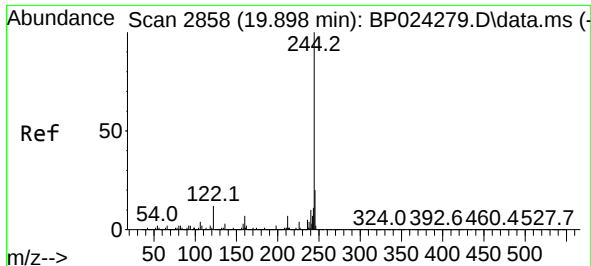
Tgt Ion:188 Resp: 475163
Ion Ratio Lower Upper
188 100
94 8.6 8.6 13.0#
80 9.5 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024591.D
Acq: 09 May 2025 15:05

Tgt Ion:240 Resp: 617848
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 24.9 20.9 31.3

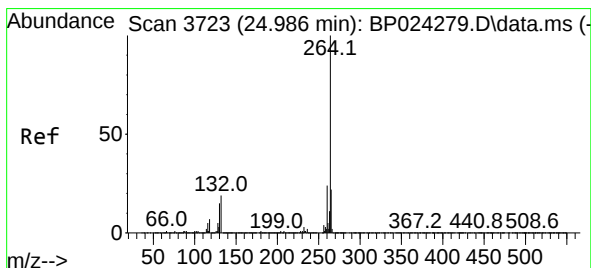
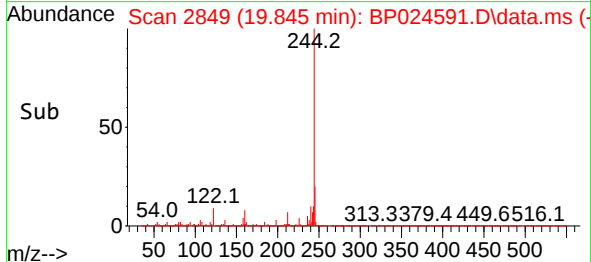
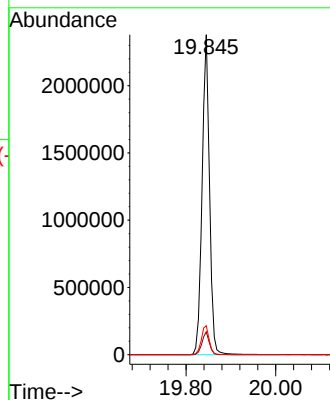
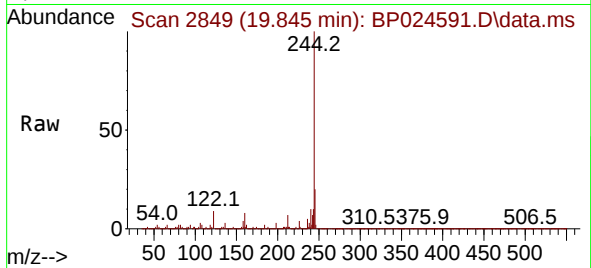




#79
 Terphenyl-d14
 Concen: 88.579 ng
 RT: 19.845 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP024591.D
 Acq: 09 May 2025 15:05

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-1

Tgt Ion:244 Resp: 2715200
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.892 min Scan# 3707
 Delta R.T. 0.006 min
 Lab File: BP024591.D
 Acq: 09 May 2025 15:05

Tgt Ion:264 Resp: 802925
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.9 28.3
 265 21.8 17.8 26.6

