

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
 Data File : BP024590.D
 Acq On : 09 May 2025 14:25
 Operator : RC/JU
 Sample : Q1972-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-7

Quant Time: May 09 14:50:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri 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	7.698	152	123411	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	467557	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	270754	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	575182	20.000	ng	# 0.00
76) Chrysene-d12	21.562	240	727765	20.000	ng	# 0.00
86) Perylene-d12	24.874	264	850607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	938214	125.701	ng	0.00
7) Phenol-d6	6.887	99	1037130	101.480	ng	0.00
23) Nitrobenzene-d5	8.845	82	761835	92.910	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	675983	180.453	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1680806	95.049	ng	0.00
79) Terphenyl-d14	19.851	244	3477302	96.308	ng	0.00

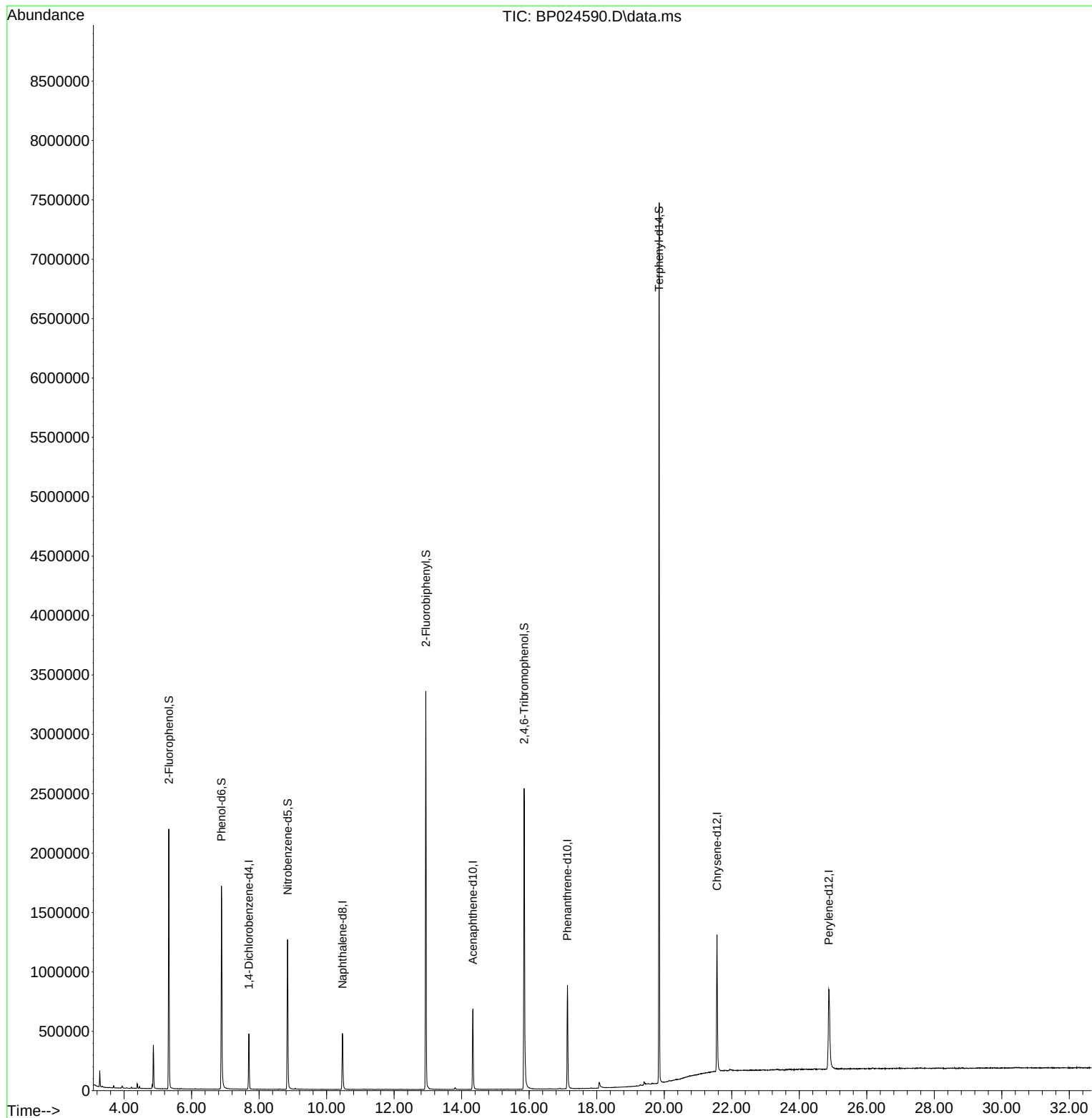
Target Compounds	Qvalue

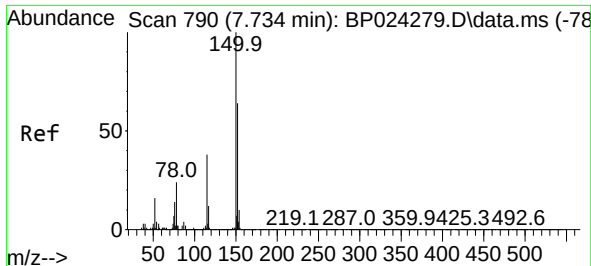
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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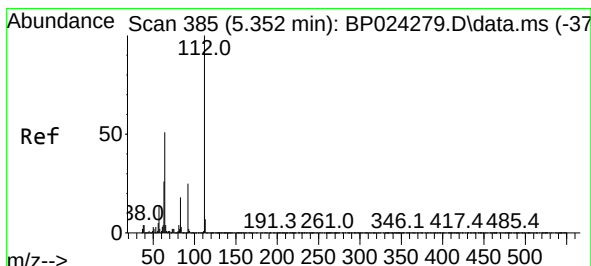
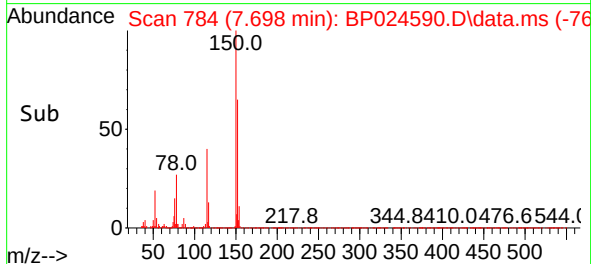
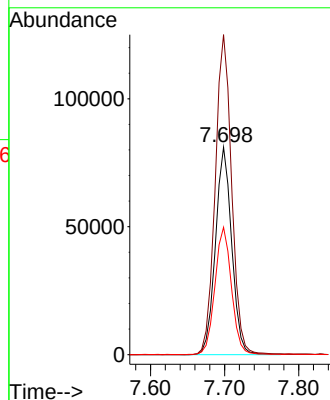
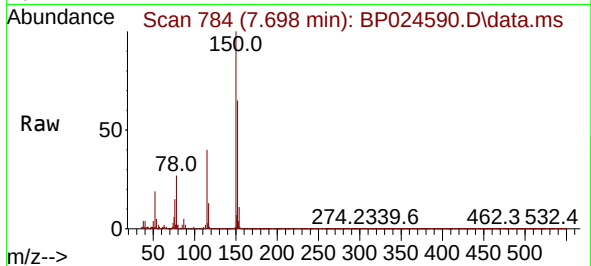




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

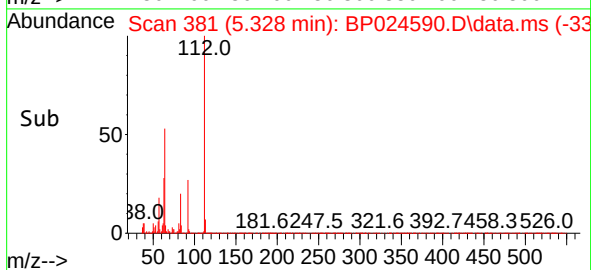
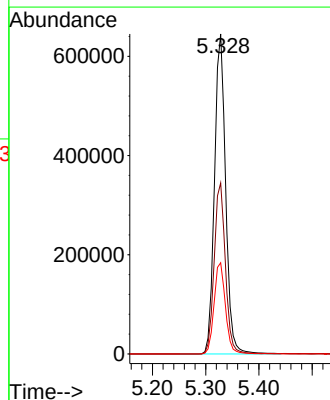
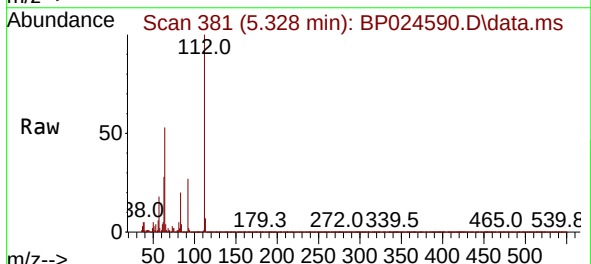
Instrument :
BNA_P
ClientSampleId :
WC-B-7

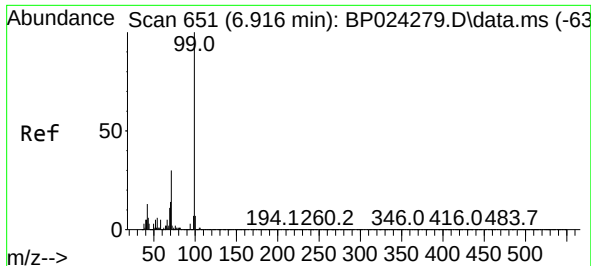
Tgt Ion:152 Resp: 123411
Ion Ratio Lower Upper
152 100
150 154.1 124.9 187.3
115 61.4 47.7 71.5



#5
2-Fluorophenol
Concen: 125.701 ng
RT: 5.328 min Scan# 381
Delta R.T. 0.000 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

Tgt Ion:112 Resp: 938214
Ion Ratio Lower Upper
112 100
64 53.4 41.1 61.7
63 28.5 20.6 30.8

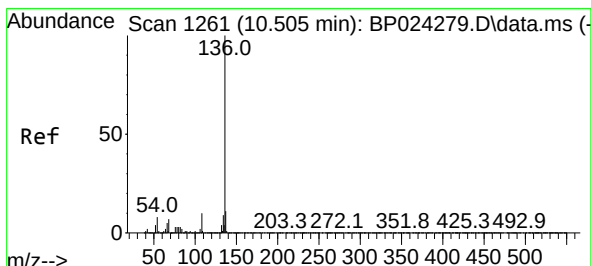
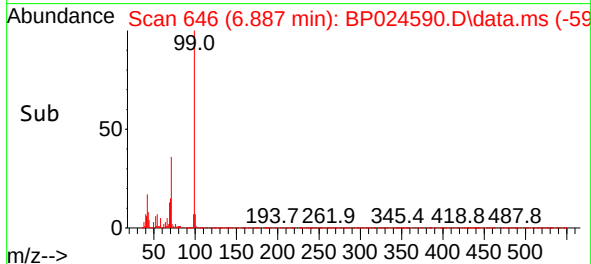
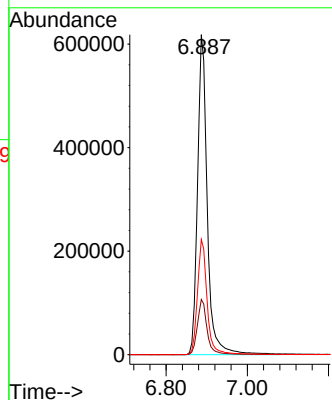
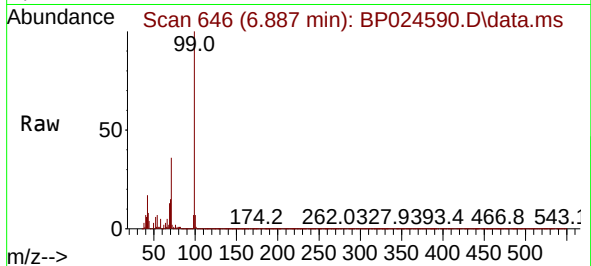




#7
Phenol-d6
Concen: 101.480 ng
RT: 6.887 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

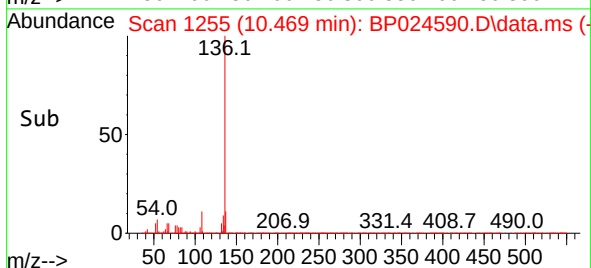
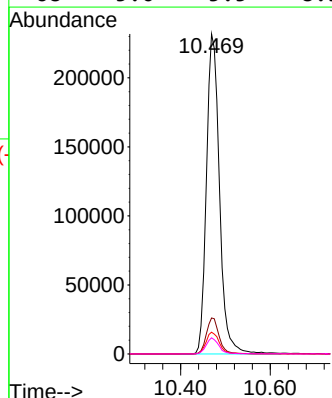
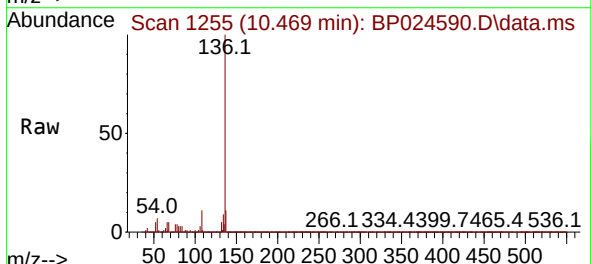
Instrument :
BNA_P
ClientSampleId :
WC-B-7

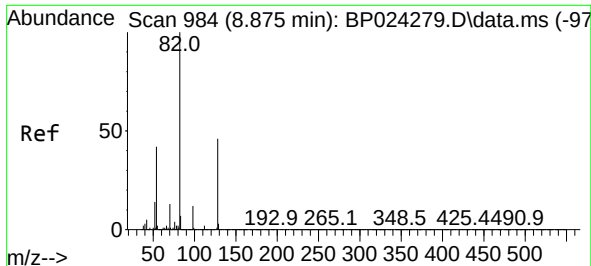
Tgt Ion: 99 Resp: 1037130
Ion Ratio Lower Upper
99 100
42 17.2 10.6 16.0#
71 36.0 23.7 35.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

Tgt Ion:136 Resp: 467557
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 6.8 6.0 9.0
68 5.0 5.5 8.3#

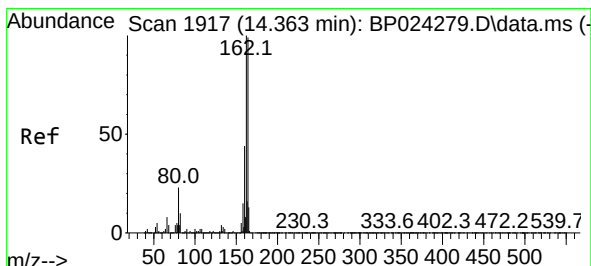
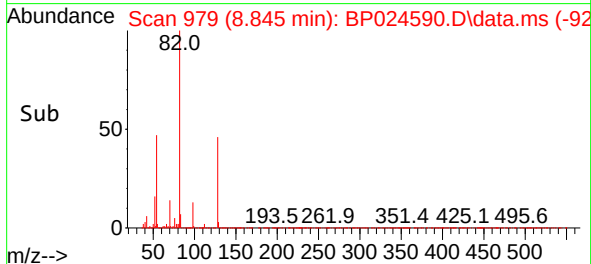
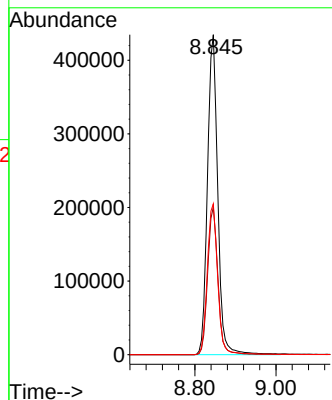
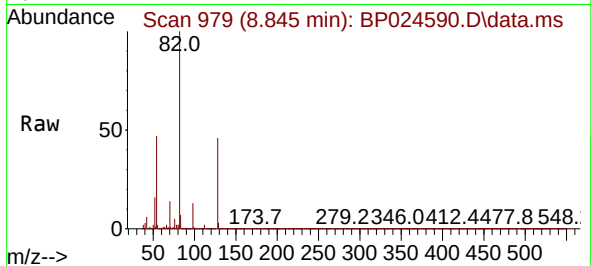




#23
Nitrobenzene-d5
Concen: 92.910 ng
RT: 8.845 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

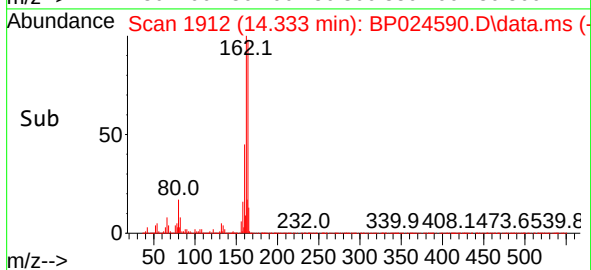
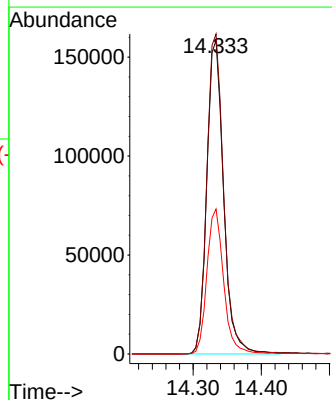
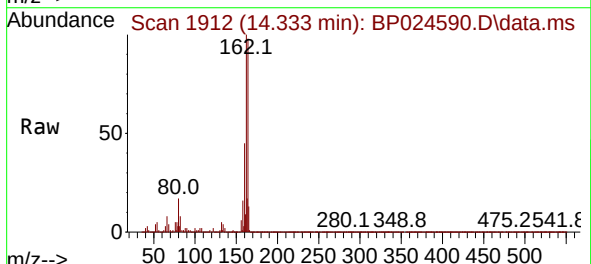
Instrument :
BNA_P
ClientSampleId :
WC-B-7

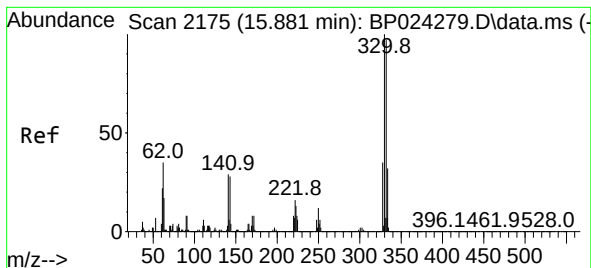
Tgt Ion: 82 Resp: 761835
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 47.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

Tgt Ion: 164 Resp: 270754
Ion Ratio Lower Upper
164 100
162 102.0 80.6 120.8
160 46.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 180.453 ng

RT: 15.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024590.D

Acq: 09 May 2025 14:25

Instrument :

BNA_P

ClientSampleId :

WC-B-7

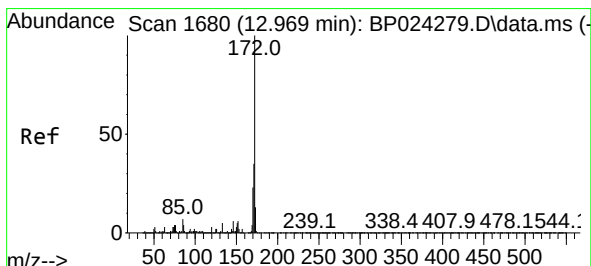
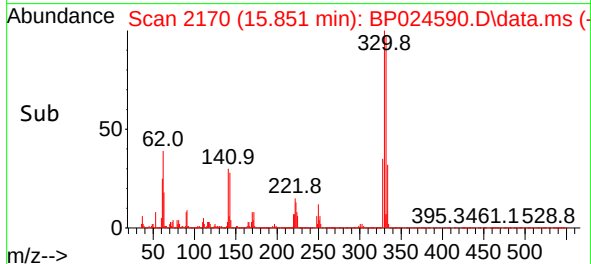
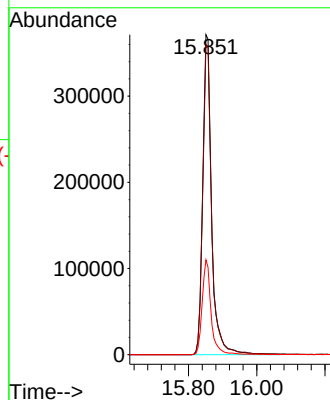
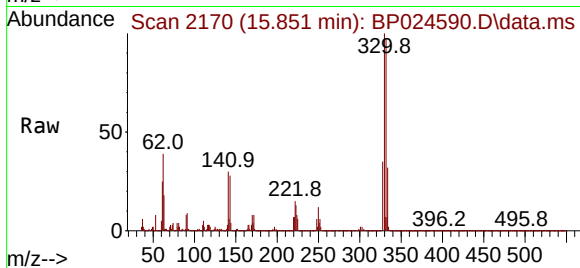
Tgt Ion:330 Resp: 675983

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 29.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 95.049 ng

RT: 12.939 min Scan# 1675

Delta R.T. 0.000 min

Lab File: BP024590.D

Acq: 09 May 2025 14:25

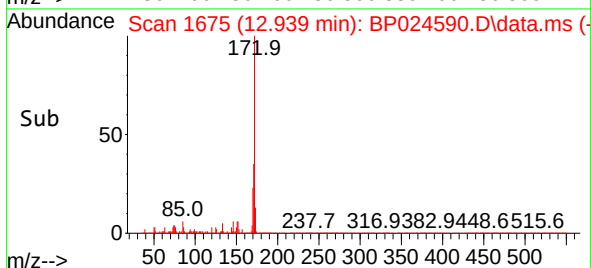
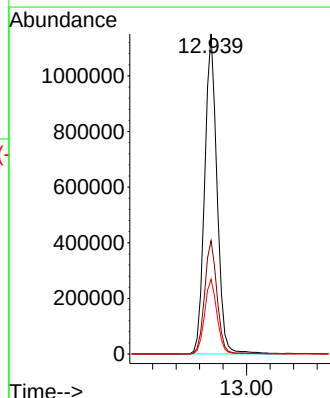
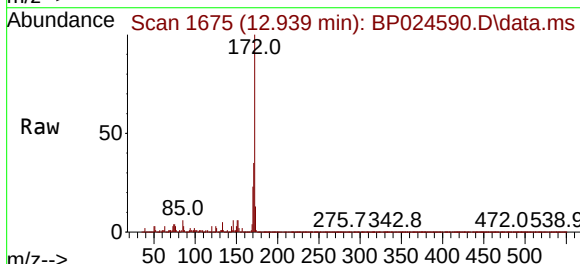
Tgt Ion:172 Resp: 1680806

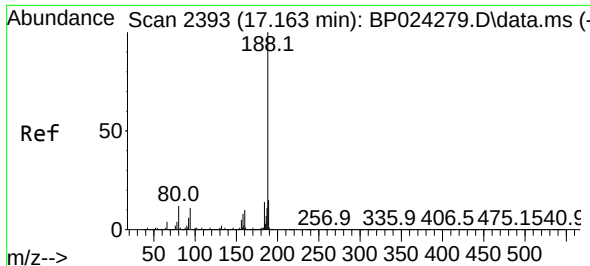
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.3 18.6 27.8

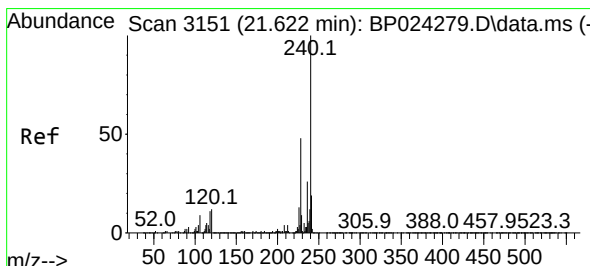
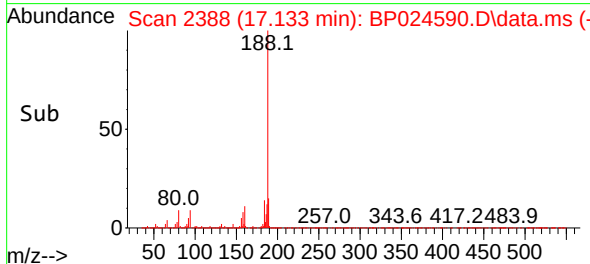
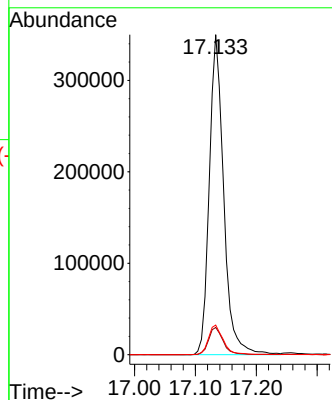
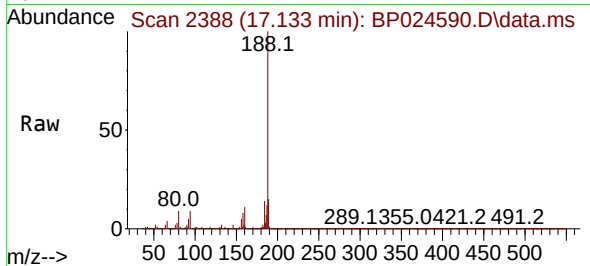




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

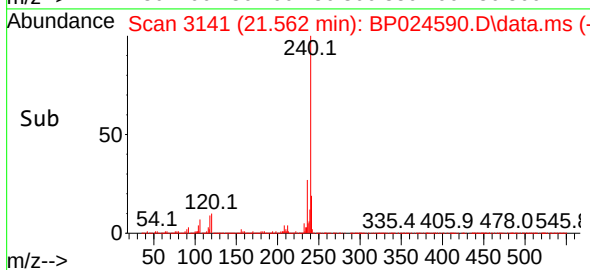
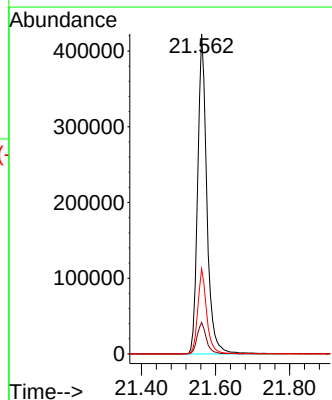
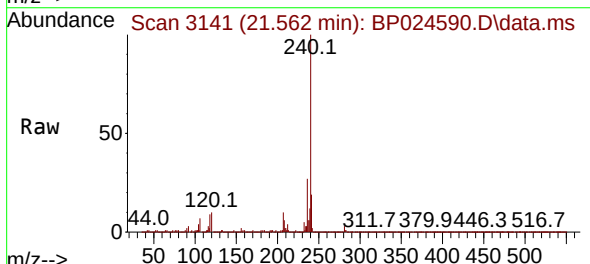
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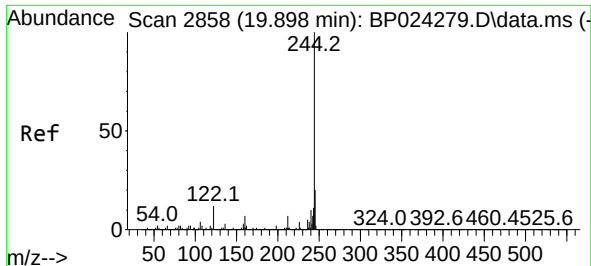
Tgt Ion:188 Resp: 575182
Ion Ratio Lower Upper
188 100
94 8.5 8.6 13.0#
80 9.2 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3141
Delta R.T. -0.006 min
Lab File: BP024590.D
Acq: 09 May 2025 14:25

Tgt Ion:240 Resp: 727765
Ion Ratio Lower Upper
240 100
120 9.8 9.8 14.8#
236 26.6 20.9 31.3

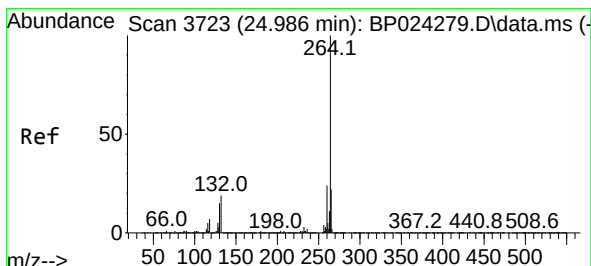
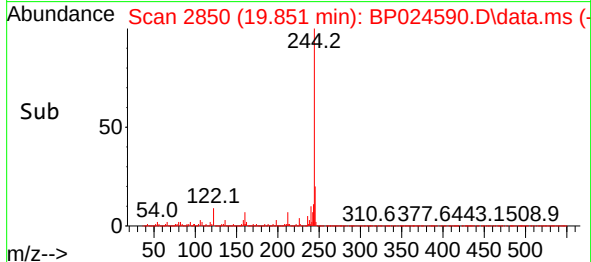
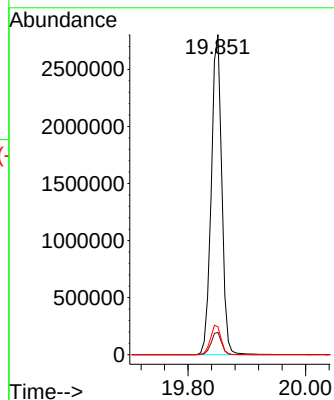
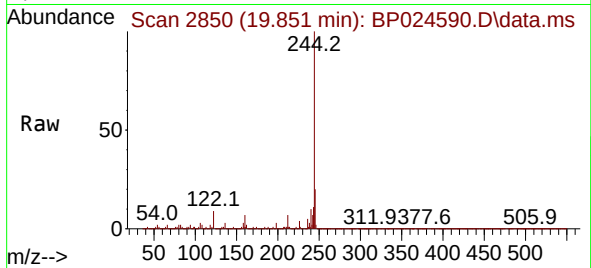




#79
 Terphenyl-d14
 Concen: 96.308 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024590.D
 Acq: 09 May 2025 14:25

Instrument :
 BNA_P
 ClientSampleId :
 WC-B-7

Tgt Ion:244 Resp: 3477302
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 8.7 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.874 min Scan# 3704
 Delta R.T. -0.012 min
 Lab File: BP024590.D
 Acq: 09 May 2025 14:25

Tgt Ion:264 Resp: 850607
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.4 17.8 26.6

