

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024310.D
 Acq On : 16 Apr 2025 13:52
 Operator : RC/JU
 Sample : Q1788-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Quant Time: Apr 16 15:20:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	278573	20.000	ng	0.00
21) Naphthalene-d8	10.498	136	1064945	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	611252	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	1181161	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1315221	20.000	ng	0.00
86) Perylene-d12	24.980	264	1403529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2124687	126.110	ng	0.00
7) Phenol-d6	6.910	99	2409182	104.431	ng	0.00
23) Nitrobenzene-d5	8.869	82	1759737	94.223	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	1174039	138.825	ng	-0.01
45) 2-Fluorobiphenyl	12.963	172	3667015	91.854	ng	-0.02
79) Terphenyl-d14	19.910	244	6191791	94.892	ng	-0.01

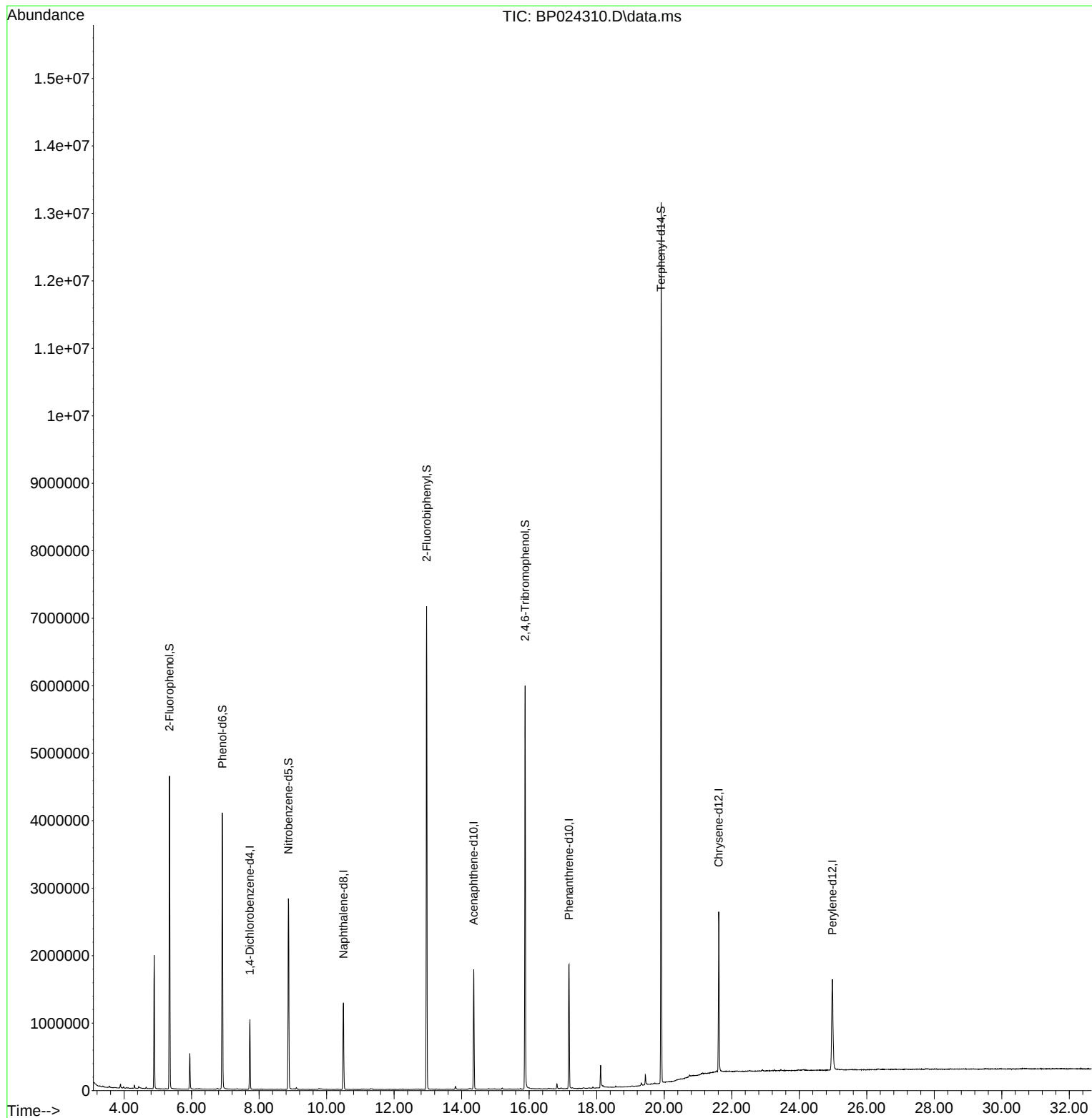
Target Compounds	Qvalue

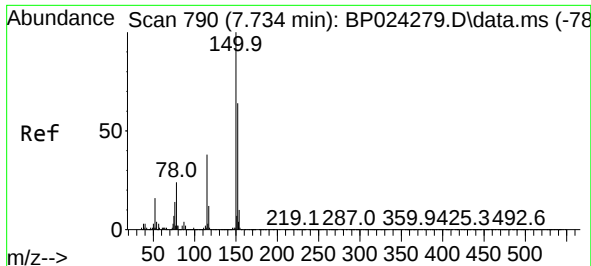
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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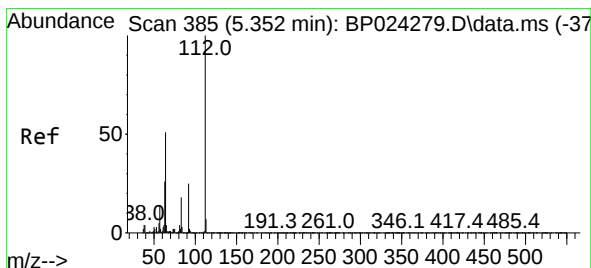
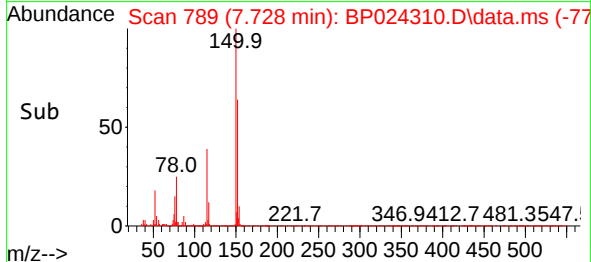
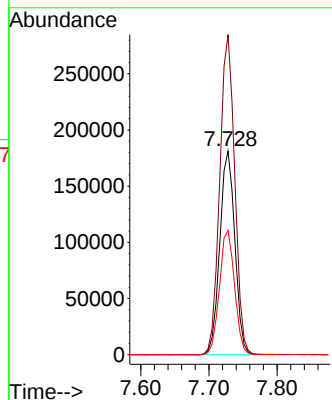
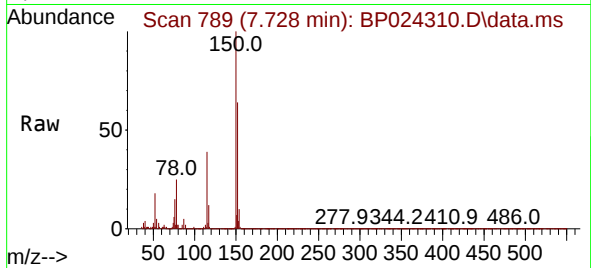




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

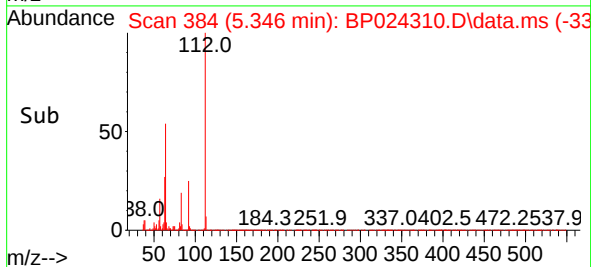
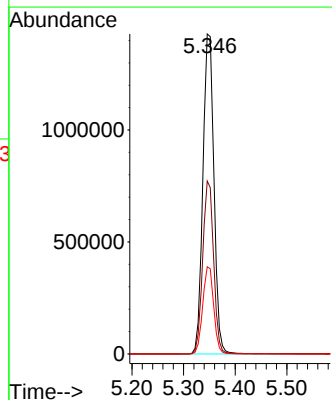
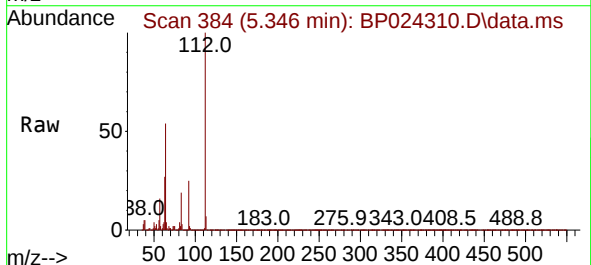
Instrument :
BNA_P
ClientSampleId :
WC-1

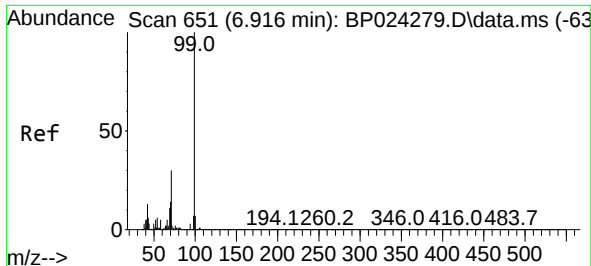
Tgt Ion:152 Resp: 278573
Ion Ratio Lower Upper
152 100
150 157.2 124.9 187.3
115 61.0 47.7 71.5



#5
2-Fluorophenol
Concen: 126.110 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

Tgt Ion:112 Resp: 2124687
Ion Ratio Lower Upper
112 100
64 54.0 41.1 61.7
63 27.2 20.6 30.8

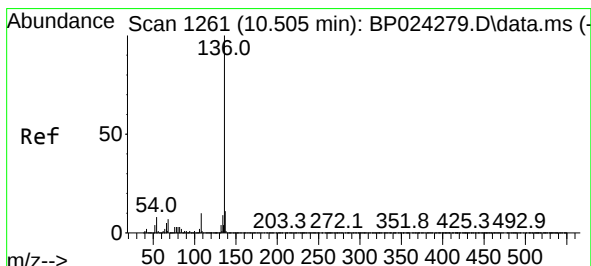
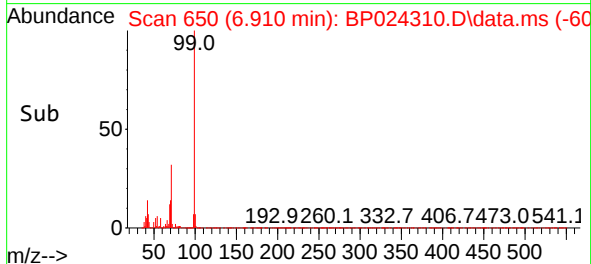
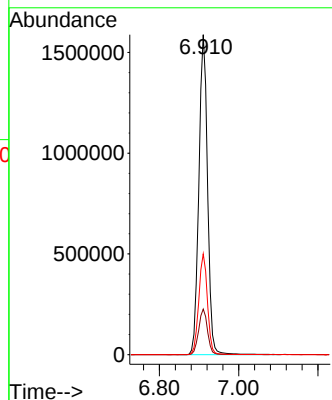
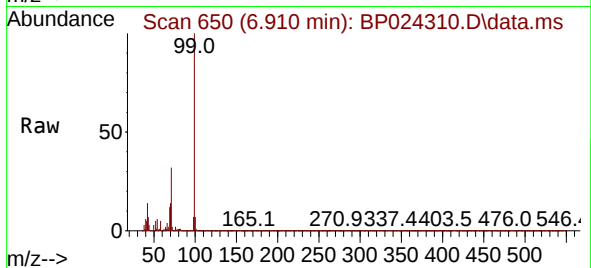




#7
Phenol-d6
Concen: 104.431 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

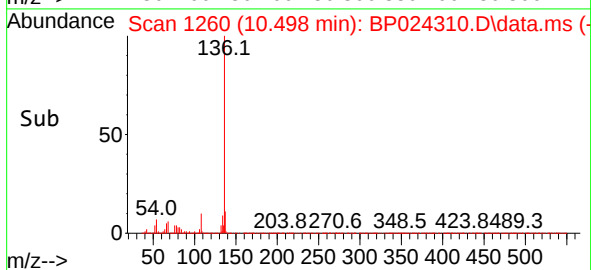
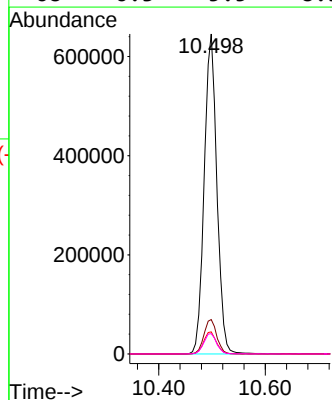
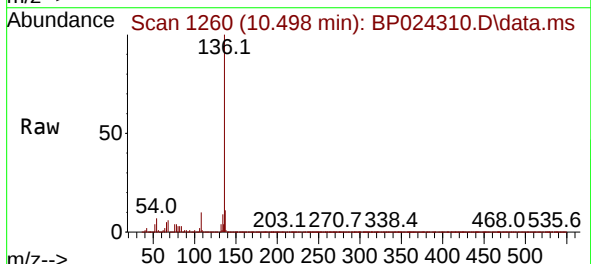
Instrument :
BNA_P
ClientSampleId :
WC-1

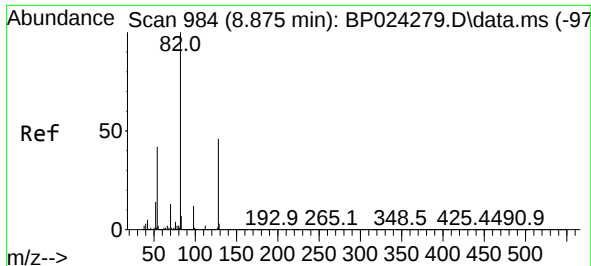
Tgt Ion: 99 Resp: 2409182
Ion Ratio Lower Upper
99 100
42 14.2 10.6 16.0
71 31.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

Tgt Ion: 136 Resp: 1064945
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.9 6.0 9.0
68 6.3 5.5 8.3

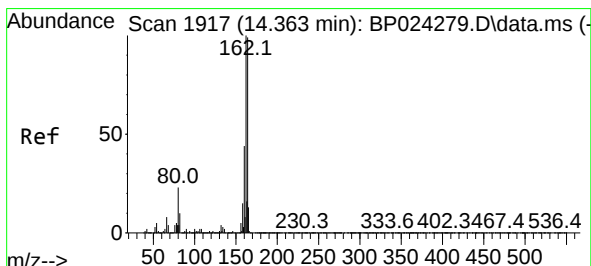
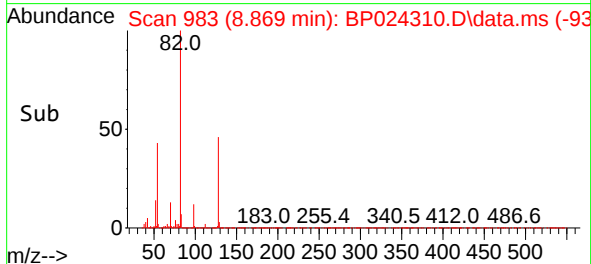
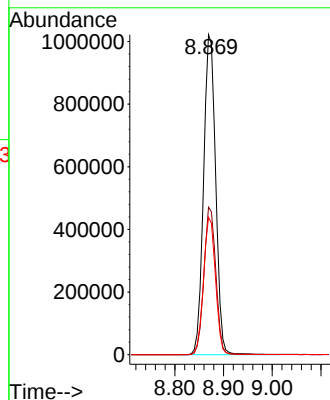
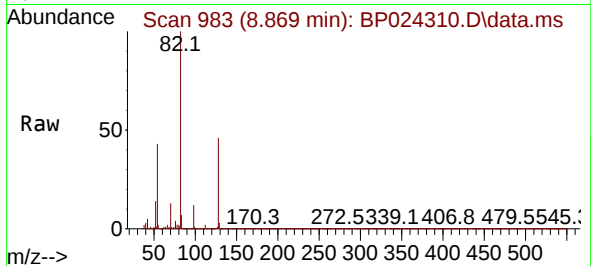




#23
Nitrobenzene-d5
Concen: 94.223 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

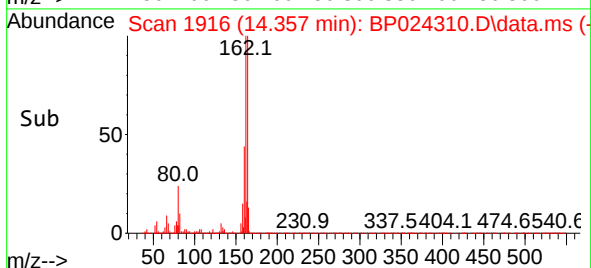
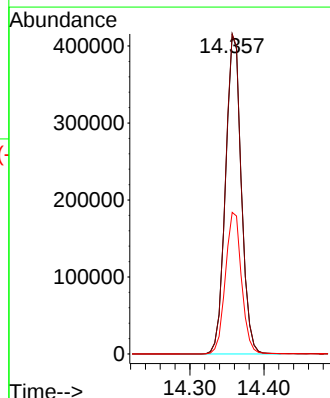
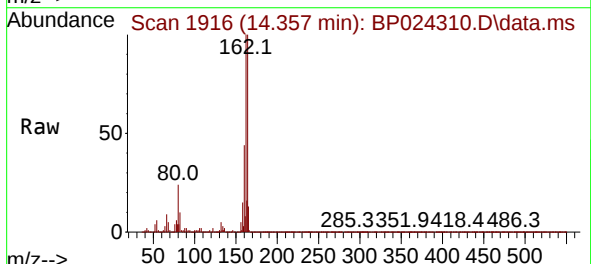
Instrument :
BNA_P
ClientSampleId :
WC-1

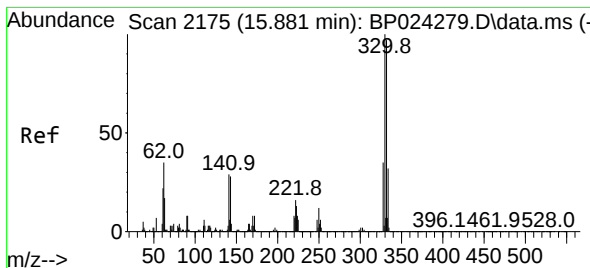
Tgt Ion: 82 Resp: 1759737
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 42.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

Tgt Ion: 164 Resp: 611252
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 138.825 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024310.D

Acq: 16 Apr 2025 13:52

Instrument :

BNA_P

ClientSampleId :

WC-1

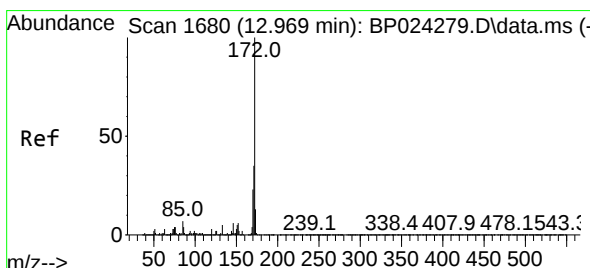
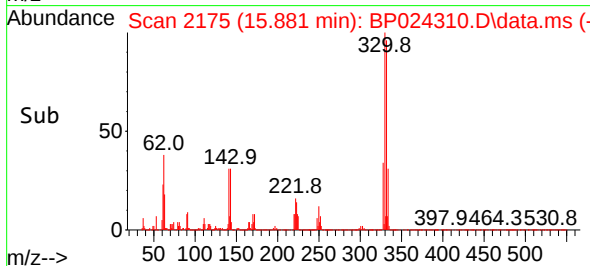
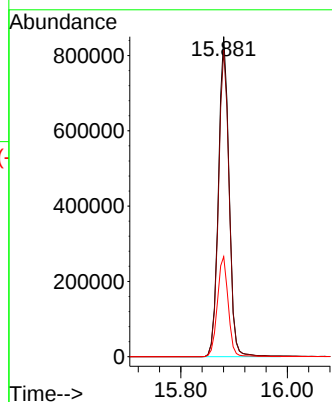
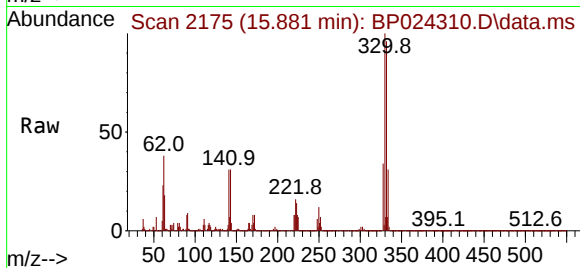
Tgt Ion:330 Resp: 1174039

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 31.8 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.854 ng

RT: 12.963 min Scan# 1679

Delta R.T. -0.018 min

Lab File: BP024310.D

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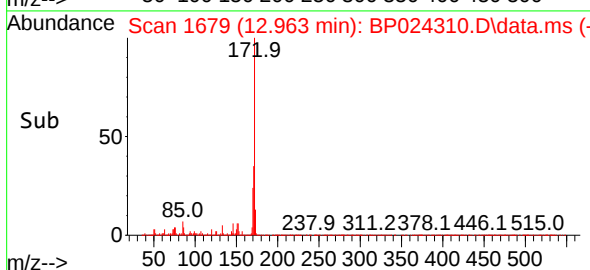
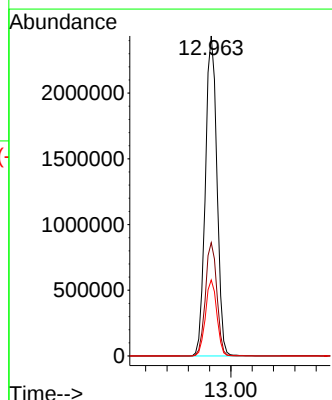
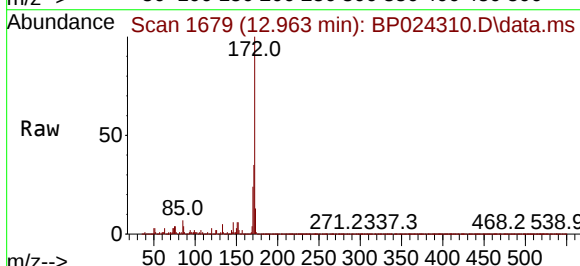
Tgt Ion:172 Resp: 3667015

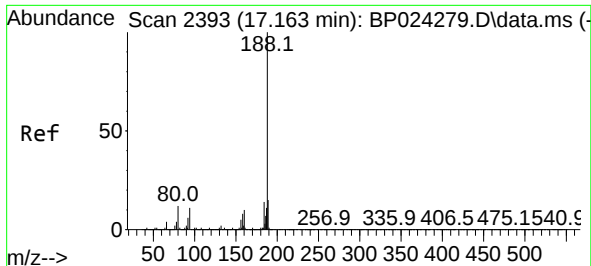
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.8 18.6 27.8

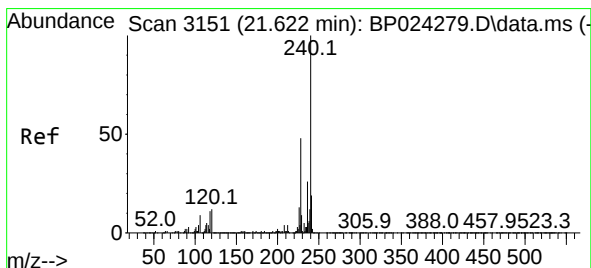
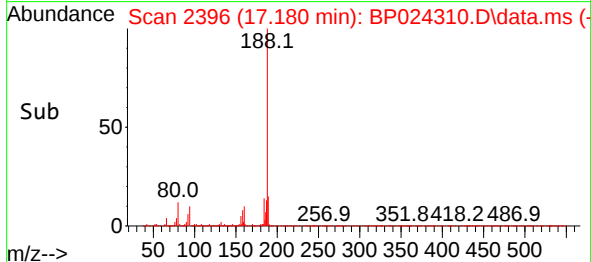
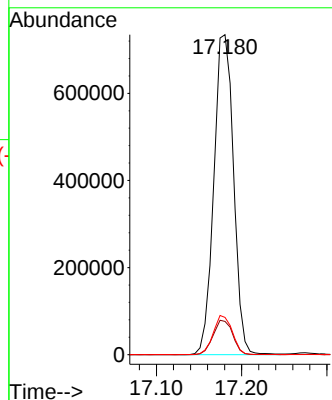
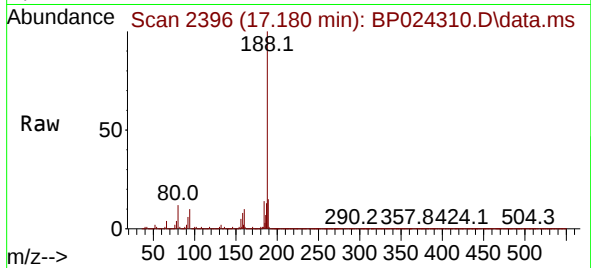




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

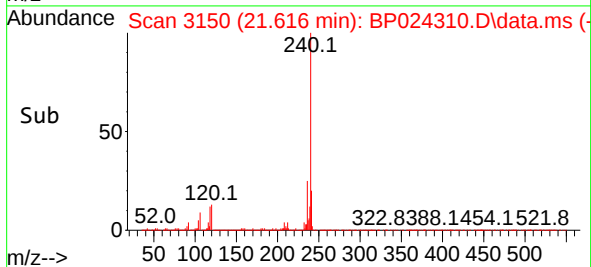
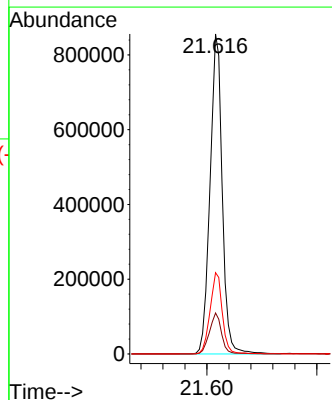
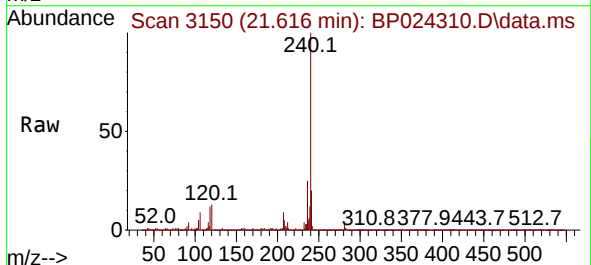
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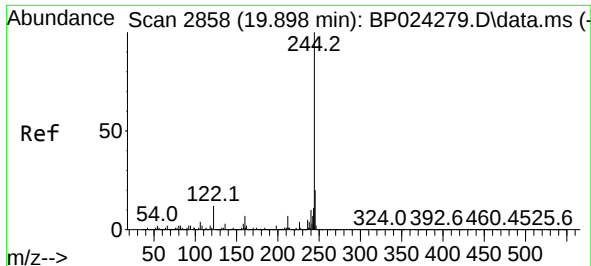
Tgt Ion:188 Resp: 1181161
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3150
Delta R.T. -0.006 min
Lab File: BP024310.D
Acq: 16 Apr 2025 13:52

Tgt Ion:240 Resp: 1315221
Ion Ratio Lower Upper
240 100
120 12.8 9.8 14.8
236 25.4 20.9 31.3

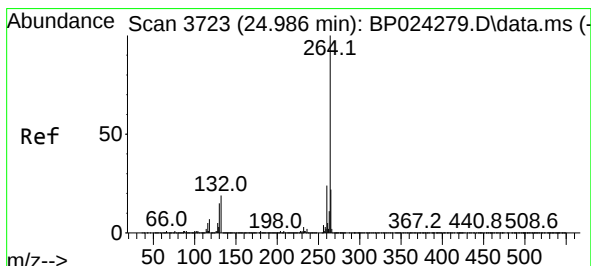
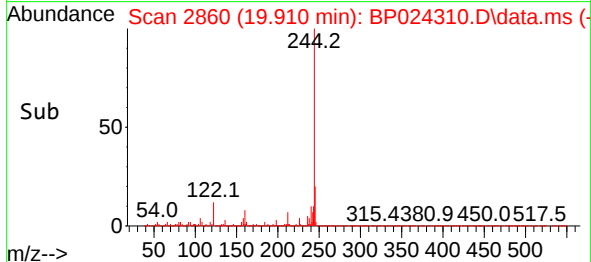
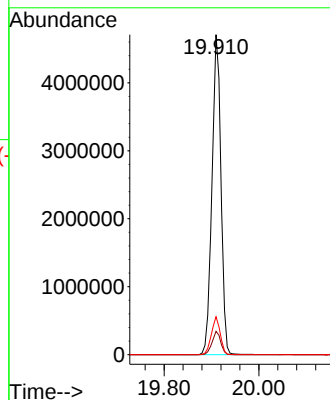
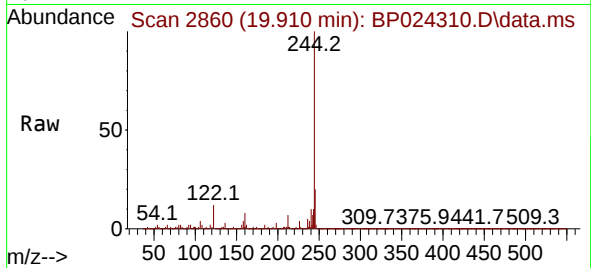




#79
 Terphenyl-d14
 Concen: 94.892 ng
 RT: 19.910 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024310.D
 Acq: 16 Apr 2025 13:52

Instrument :
 BNA_P
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 6191791
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 11.9 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.980 min Scan# 3722
 Delta R.T. -0.006 min
 Lab File: BP024310.D
 Acq: 16 Apr 2025 13:52

Tgt Ion:264 Resp: 1403529
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.7 17.8 26.6

