

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041525\
 Data File : BP024295.D
 Acq On : 15 Apr 2025 15:27
 Operator : RC/JU
 Sample : Q1781-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-13

Quant Time: Apr 15 15:54:30 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)

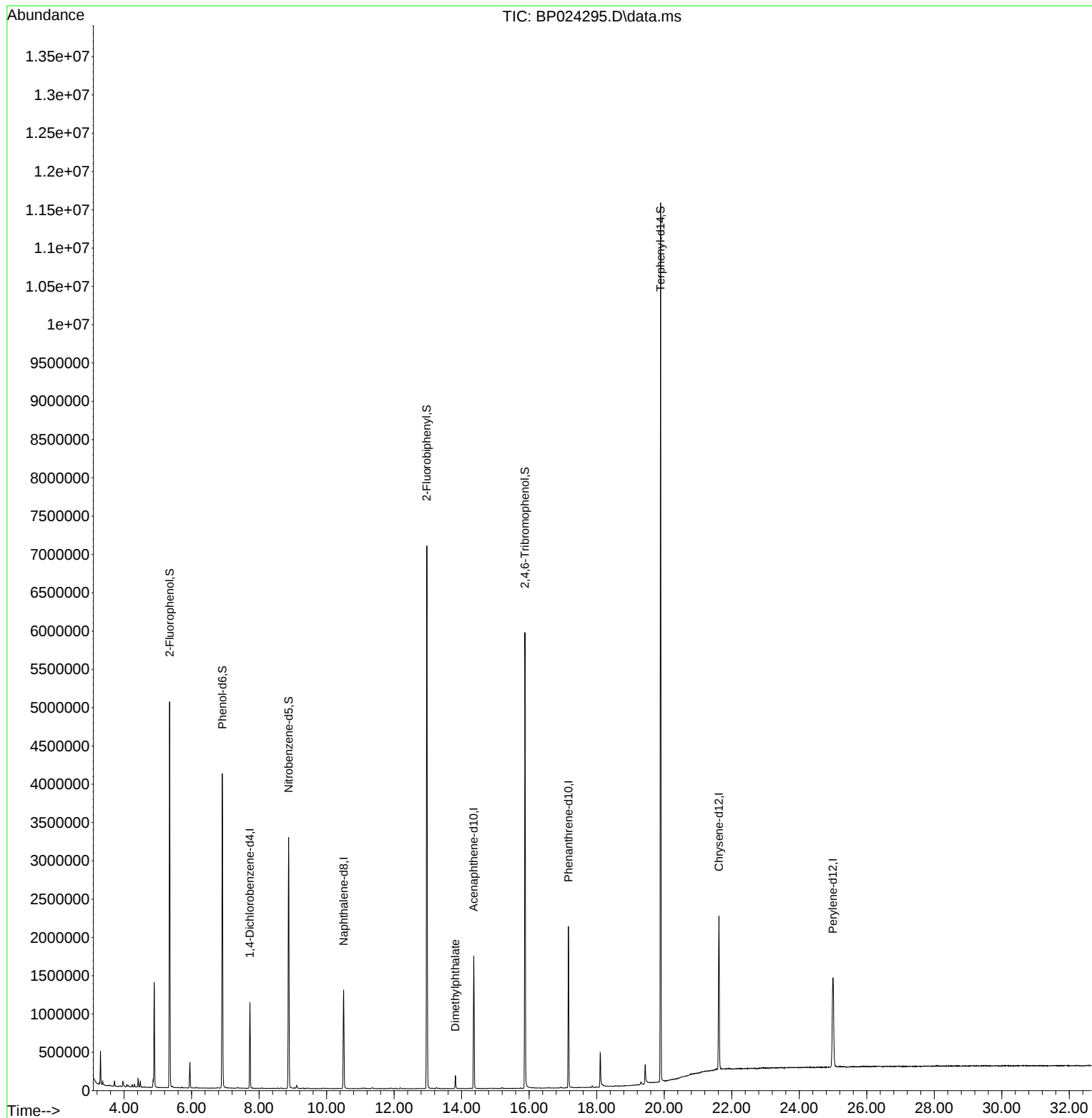
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	289161	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	1108768	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	615799	20.000	ng	-0.01
64) Phenanthrene-d10	17.163	188	1144944	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1218678	20.000	ng	0.00
86) Perylene-d12	24.998	264	1292210	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2195557	125.544	ng	0.00
7) Phenol-d6	6.911	99	2440789	101.927	ng	0.00
23) Nitrobenzene-d5	8.875	82	1933379	99.429	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1114673	130.832	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3738532	92.954	ng	-0.01
79) Terphenyl-d14	19.892	244	5336211	88.259	ng	-0.03
Target Compounds						
50) Dimethylphthalate	13.816	163	105644	2.359	ng	Qvalue 99

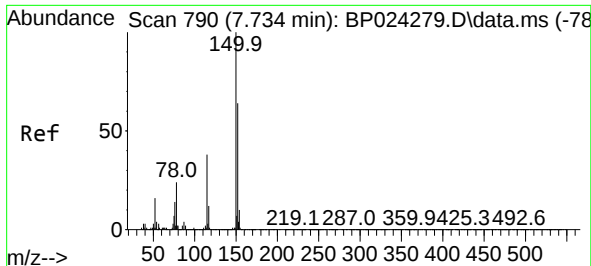
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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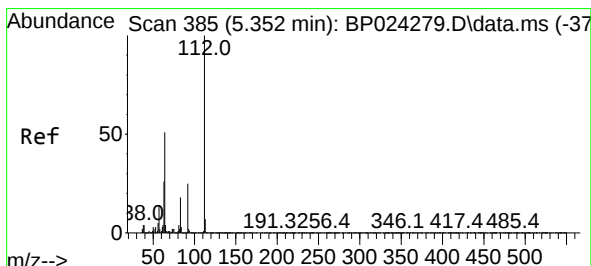
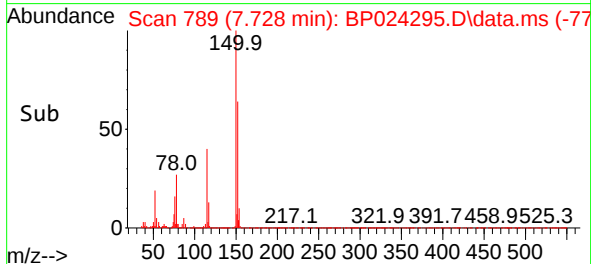
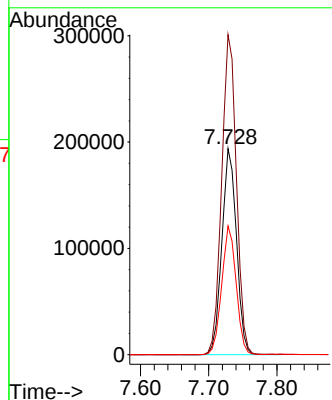
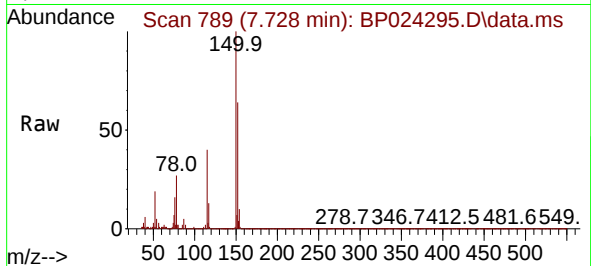




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

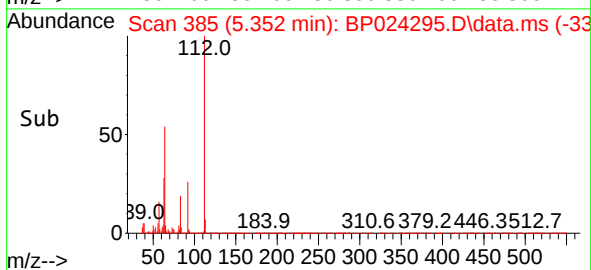
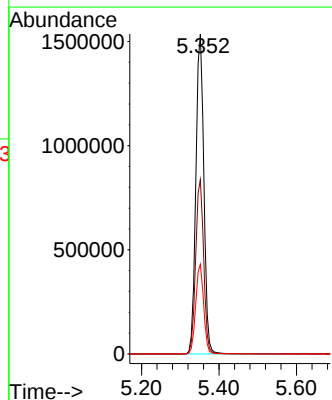
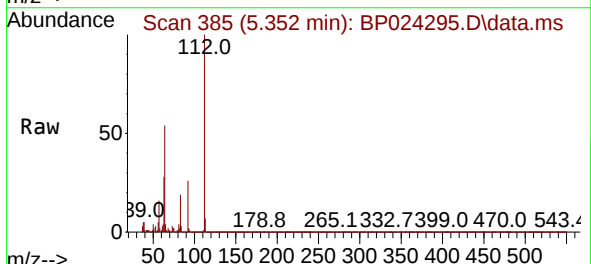
Instrument :
BNA_P
ClientSampleId :
WC-13

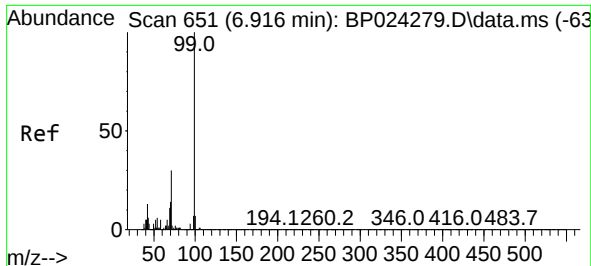
Tgt Ion:152 Resp: 289161
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 125.544 ng
RT: 5.352 min Scan# 385
Delta R.T. 0.000 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

Tgt Ion:112 Resp: 2195557
Ion Ratio Lower Upper
112 100
64 54.5 41.1 61.7
63 28.0 20.6 30.8

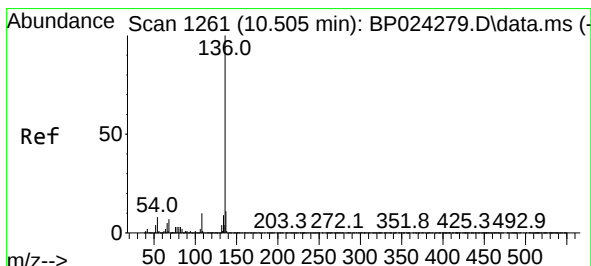
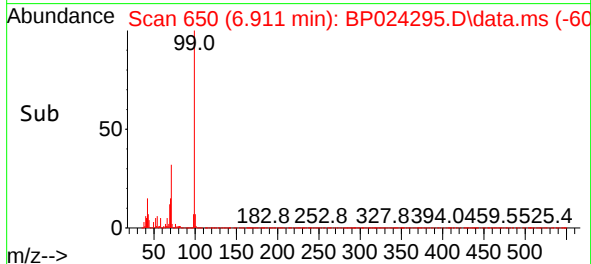
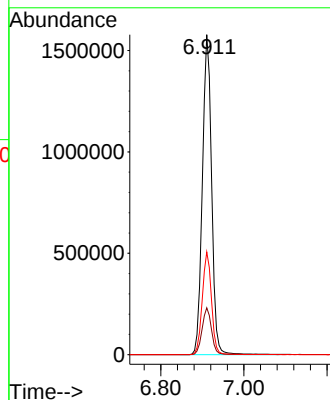
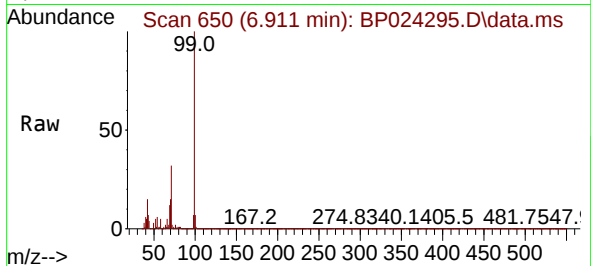




#7
Phenol-d6
Concen: 101.927 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

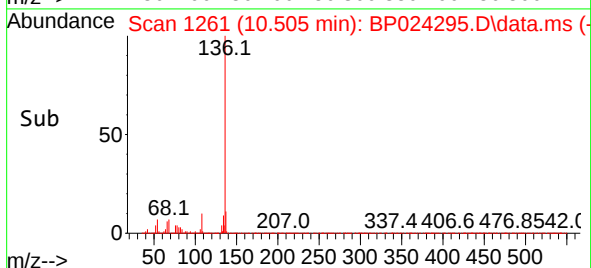
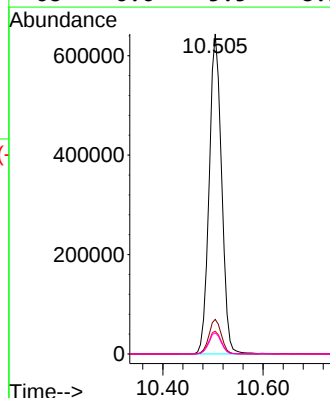
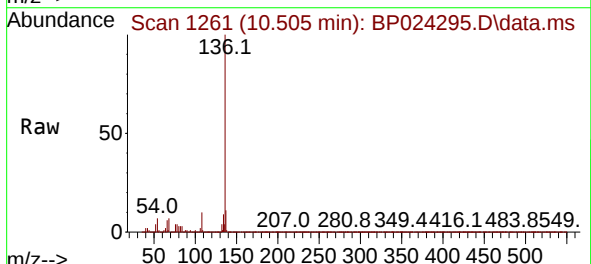
Instrument :
BNA_P
ClientSampleId :
WC-13

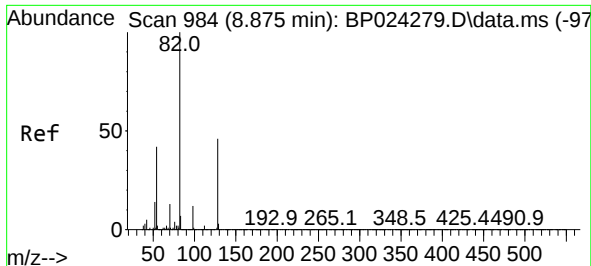
Tgt Ion: 99 Resp: 2440789
Ion Ratio Lower Upper
99 100
42 14.6 10.6 16.0
71 32.1 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

Tgt Ion:136 Resp: 1108768
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.1 6.0 9.0
68 6.6 5.5 8.3

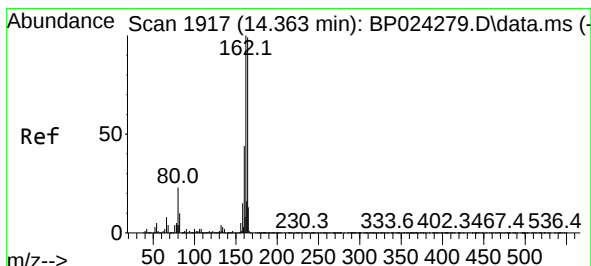
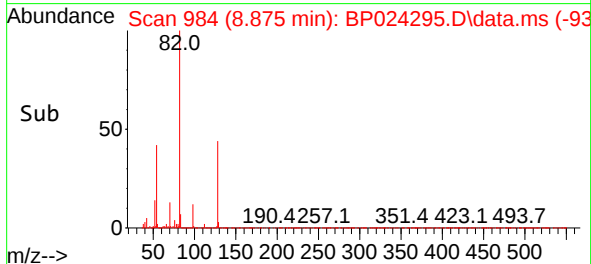
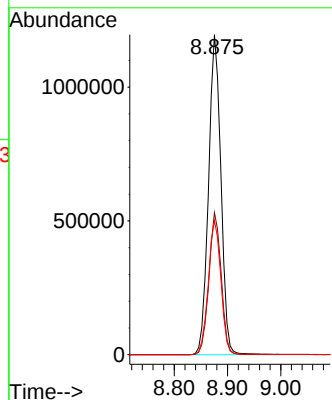
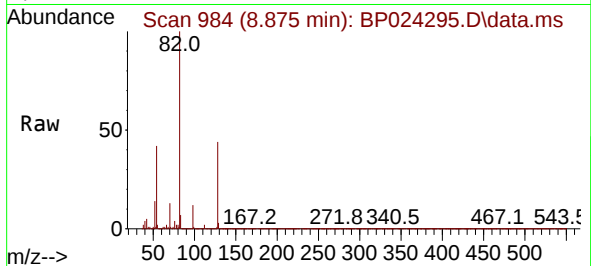




#23
Nitrobenzene-d5
Concen: 99.429 ng
RT: 8.875 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

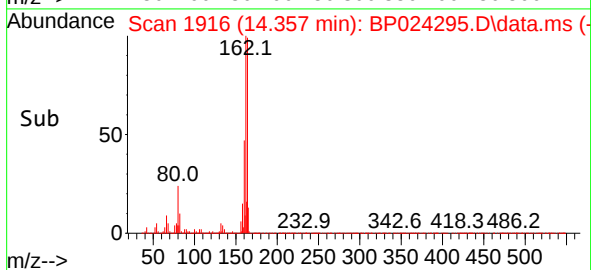
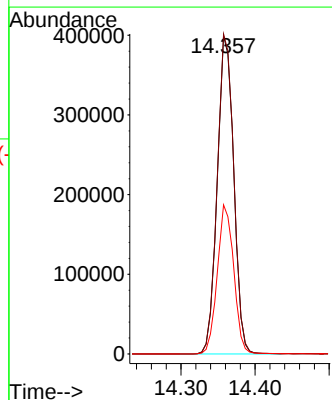
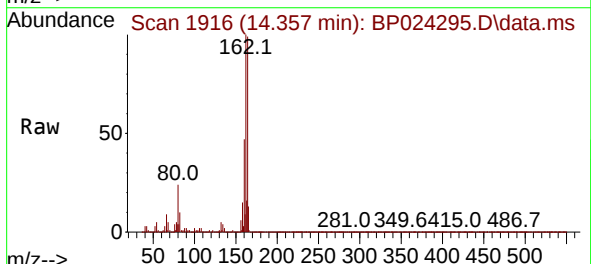
Instrument :
BNA_P
ClientSampleId :
WC-13

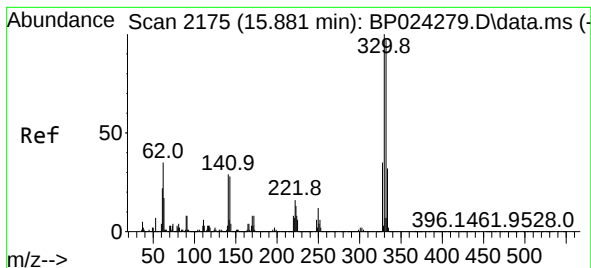
Tgt Ion: 82 Resp: 1933379
Ion Ratio Lower Upper
82 100
128 44.4 36.5 54.7
54 42.0 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.357 min Scan# 1916
Delta R.T. -0.012 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

Tgt Ion:164 Resp: 615799
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 46.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 130.832 ng

RT: 15.875 min Scan# 2175

Delta R.T. -0.017 min

Lab File: BP024295.D

Acq: 15 Apr 2025 15:27

Instrument :

BNA_P

ClientSampleId :

WC-13

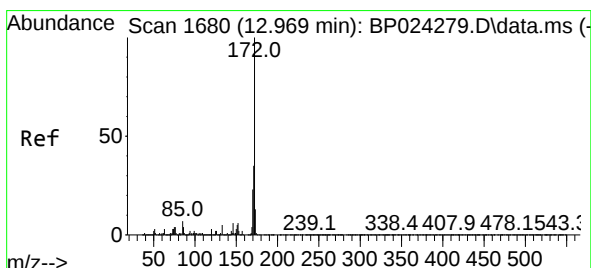
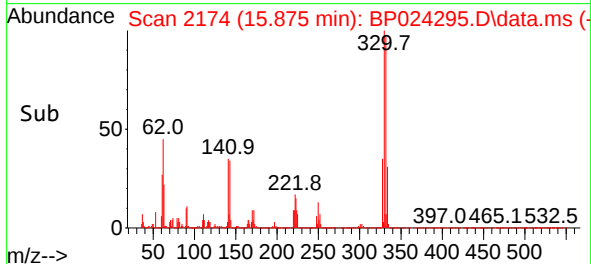
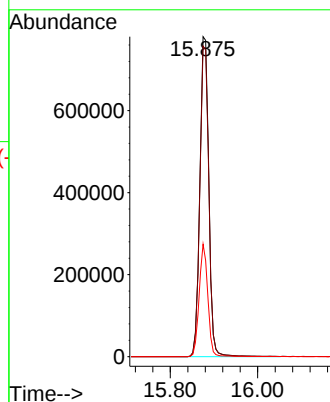
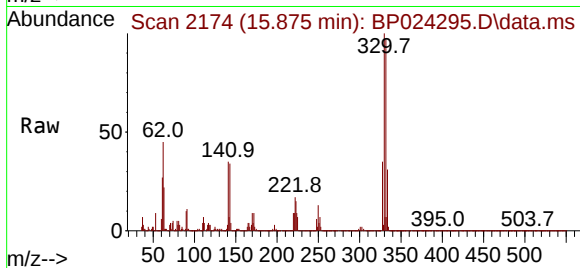
Tgt Ion:330 Resp: 1114673

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 34.0 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 92.954 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024295.D

Acq: 15 Apr 2025 15:27

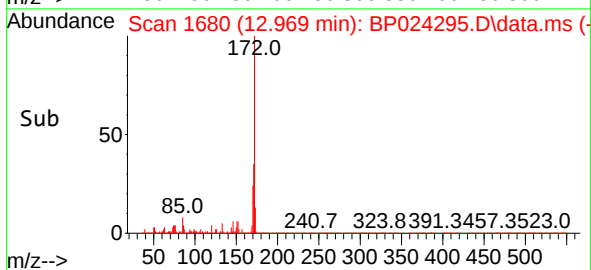
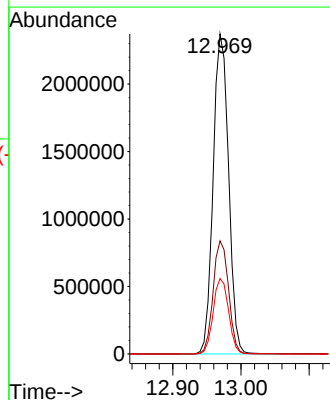
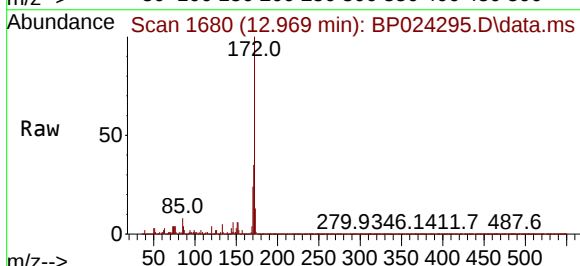
Tgt Ion:172 Resp: 3738532

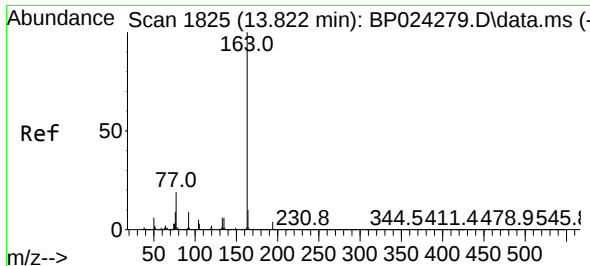
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.6 27.8

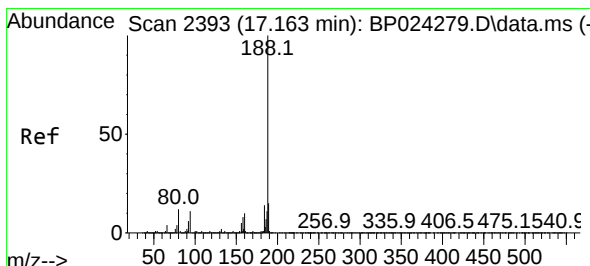
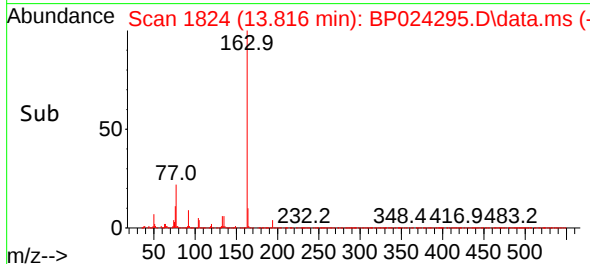
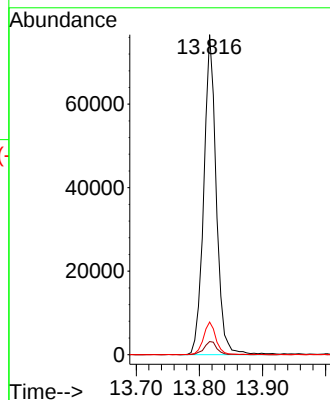
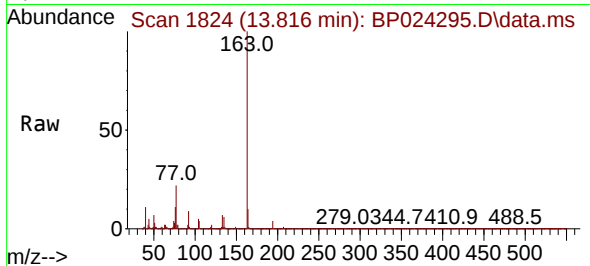




#50
Dimethylphthalate
Concen: 2.359 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.017 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

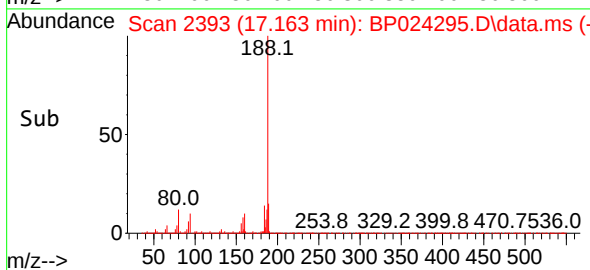
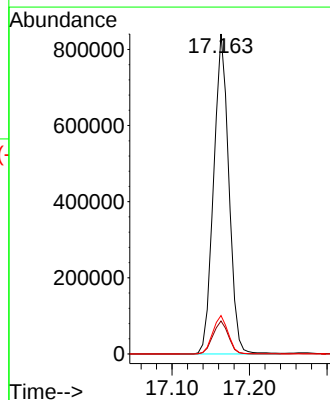
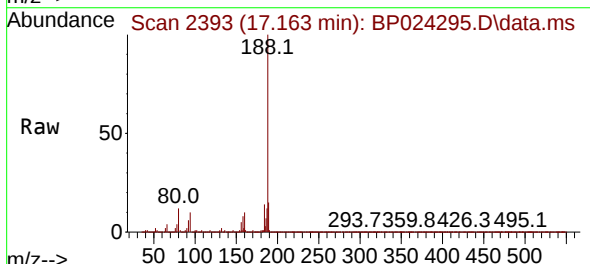
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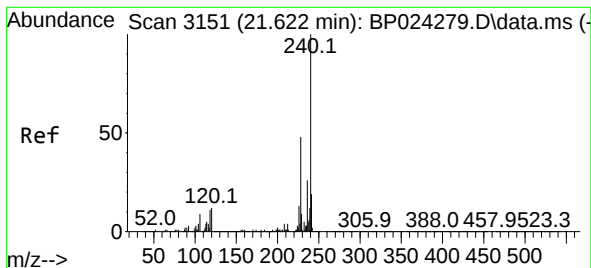
Tgt Ion:163 Resp: 105644
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 10.2 8.0 12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2393
Delta R.T. -0.017 min
Lab File: BP024295.D
Acq: 15 Apr 2025 15:27

Tgt Ion:188 Resp: 1144944
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 12.0 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BP024295.D

Acq: 15 Apr 2025 15:27

Instrument :

BNA_P

ClientSampleId :

WC-13

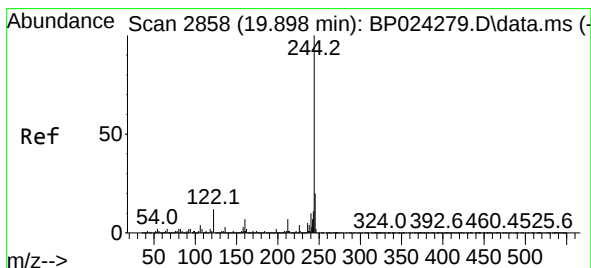
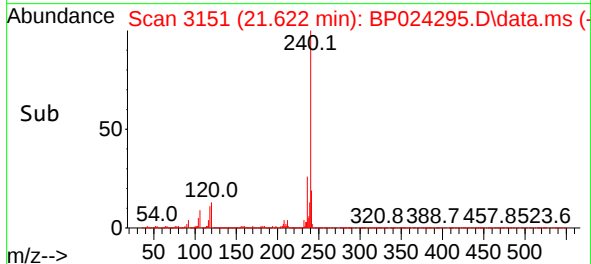
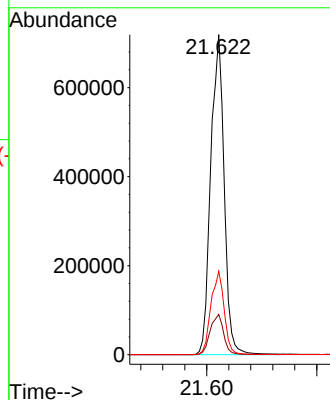
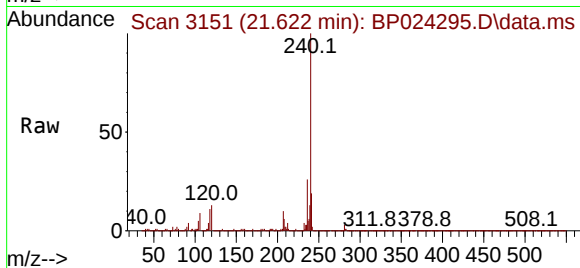
Tgt Ion:240 Resp: 1218678

Ion Ratio Lower Upper

240 100

120 12.6 9.8 14.8

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 88.259 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.029 min

Lab File: BP024295.D

Acq: 15 Apr 2025 15:27

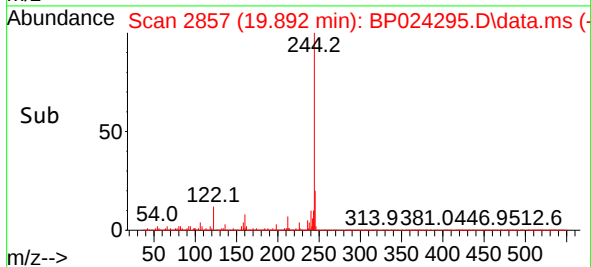
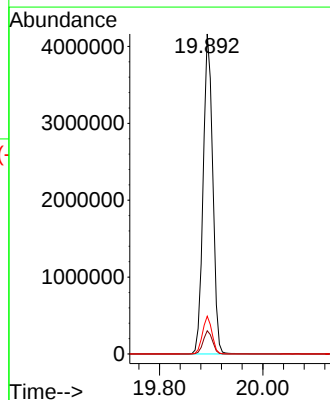
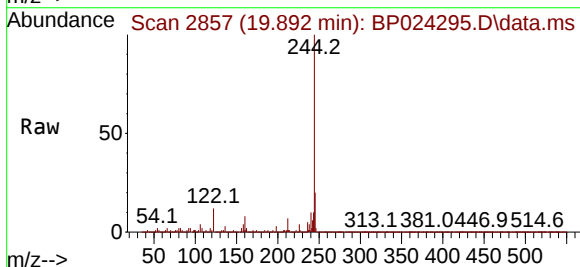
Tgt Ion:244 Resp: 5336211

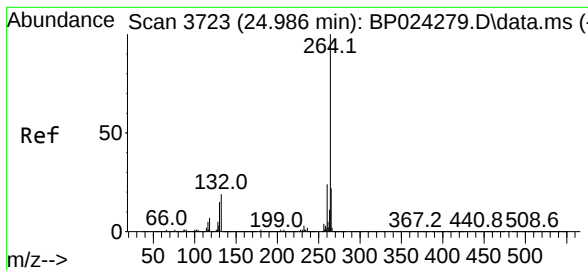
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.8 9.4 14.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP024295.D
 Acq: 15 Apr 2025 15:27

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 1292210

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	17.8	26.6

