

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024446.D
 Acq On : 28 Apr 2025 21:06
 Operator : RC/JU
 Sample : Q1895-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 01:25:27 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)

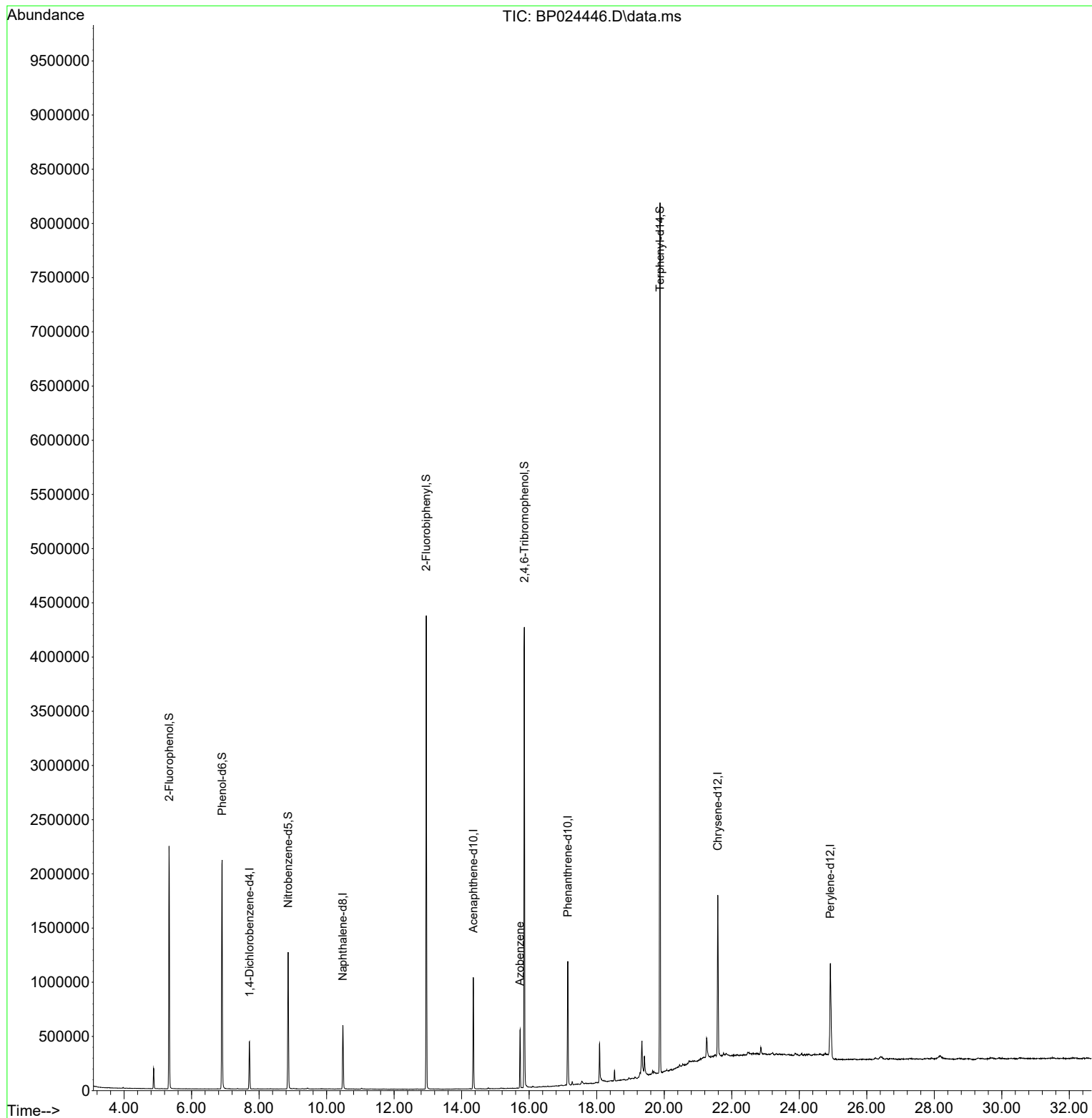
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	127695	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	515587	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	345985	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	760423	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	906606	20.000	ng	0.00
86) Perylene-d12	24.921	264	891491	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	963860	124.805	ng	-0.01
7) Phenol-d6	6.905	99	1254965	118.675	ng	0.00
23) Nitrobenzene-d5	8.863	82	735605	81.354	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	942597	196.912	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1921894	85.051	ng	-0.01
79) Terphenyl-d14	19.875	244	4049924	90.041	ng	0.00
Target Compounds						
63) Azobenzene	15.728	77	133660	5.609	ng	Qvalue # 1

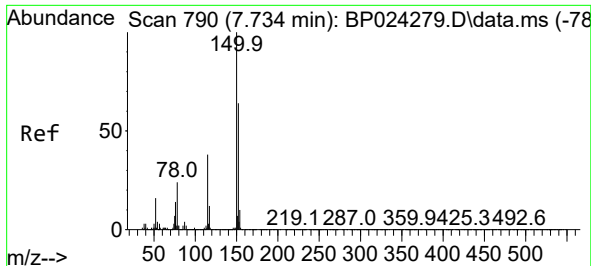
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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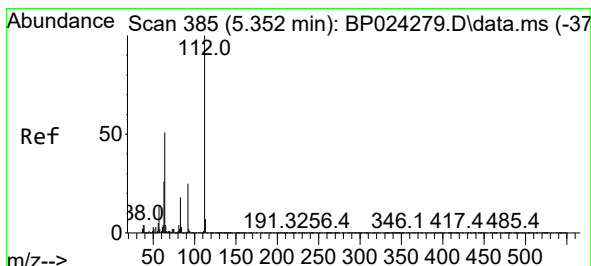
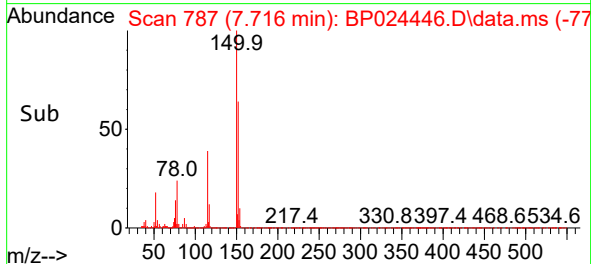
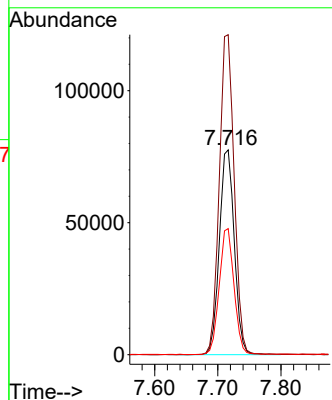
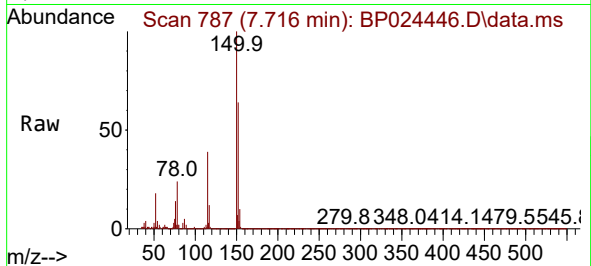




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

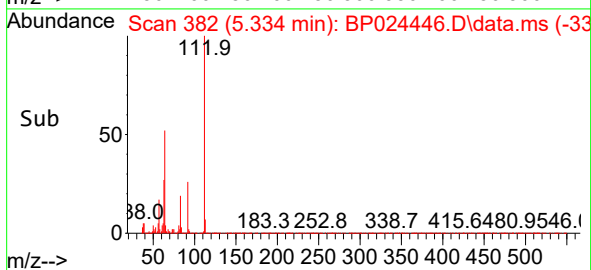
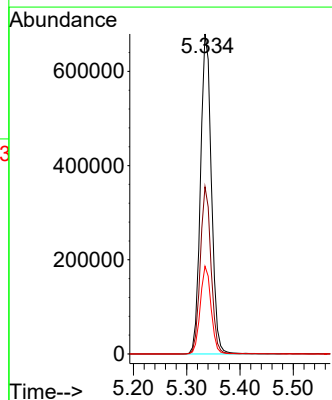
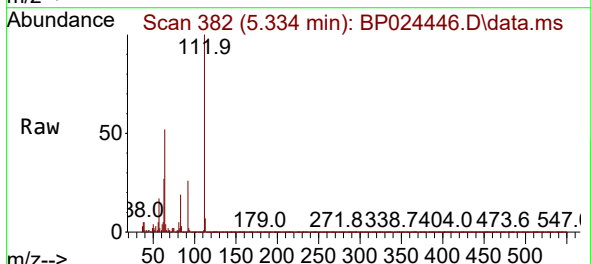
Instrument :
BNA_P
ClientSampleId :
COMP-3

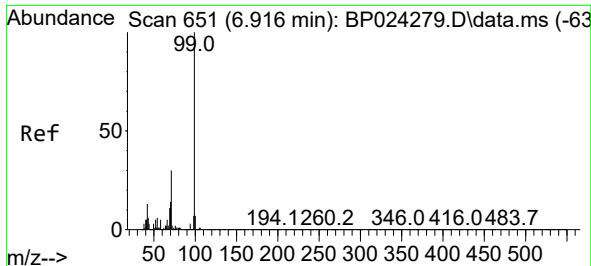
Tgt Ion:152 Resp: 127695
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 61.6 47.7 71.5



#5
2-Fluorophenol
Concen: 124.805 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

Tgt Ion:112 Resp: 963860
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 27.4 20.6 30.8

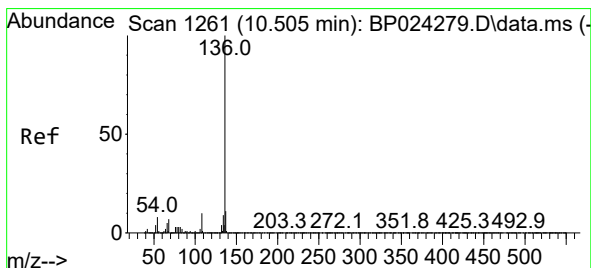
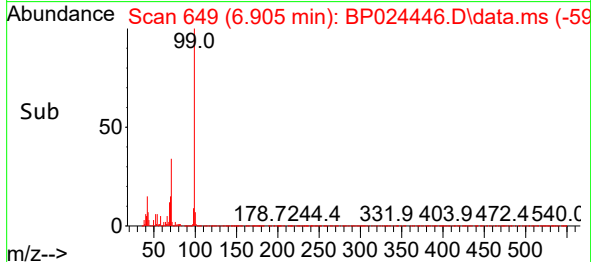
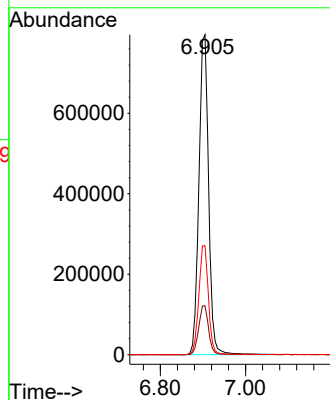
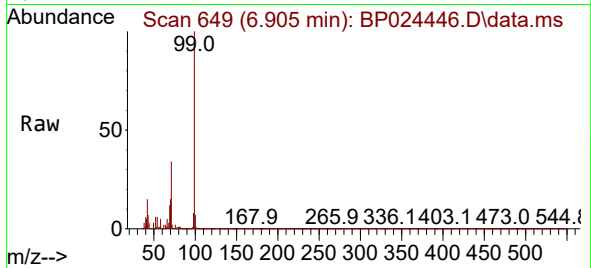




#7
Phenol-d6
Concen: 118.675 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

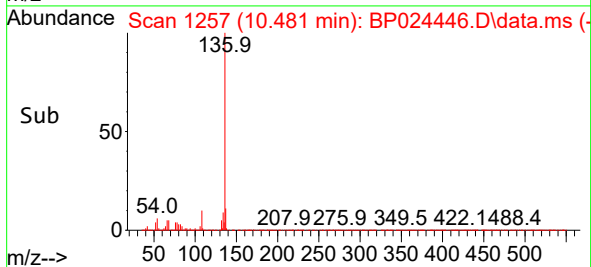
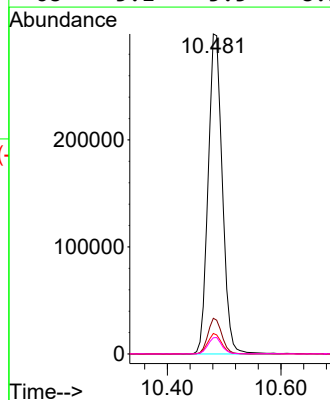
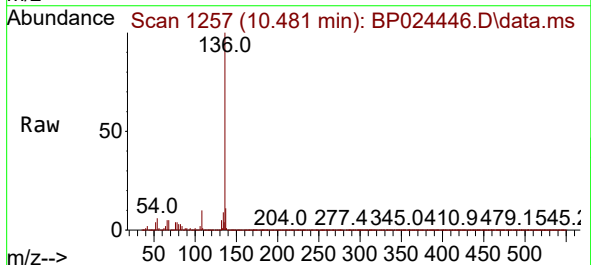
Instrument :
BNA_P
ClientSampleId :
COMP-3

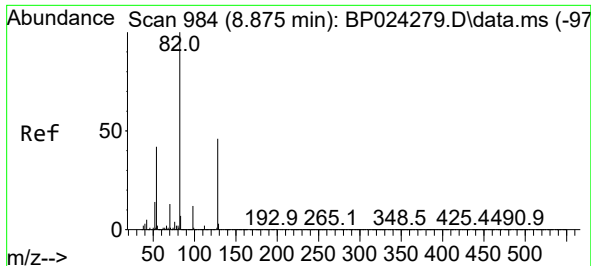
Tgt Ion: 99 Resp: 1254965
Ion Ratio Lower Upper
99 100
42 15.2 10.6 16.0
71 34.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

Tgt Ion: 136 Resp: 515587
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.4 6.0 9.0
68 5.1 5.5 8.3

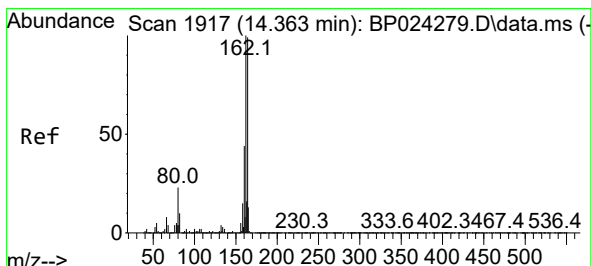
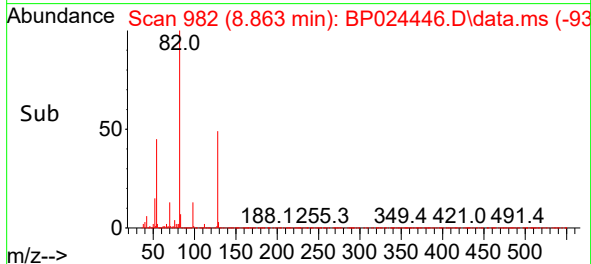
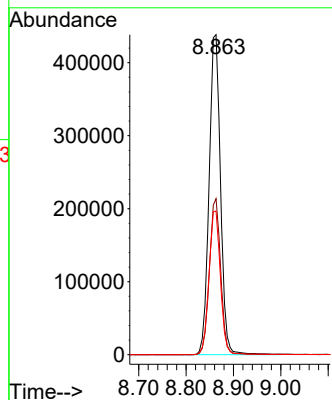
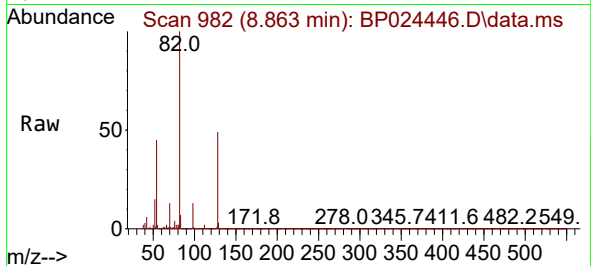




#23
Nitrobenzene-d5
Concen: 81.354 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

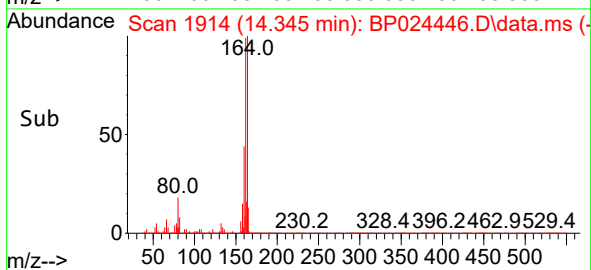
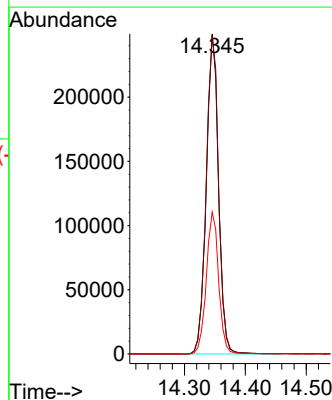
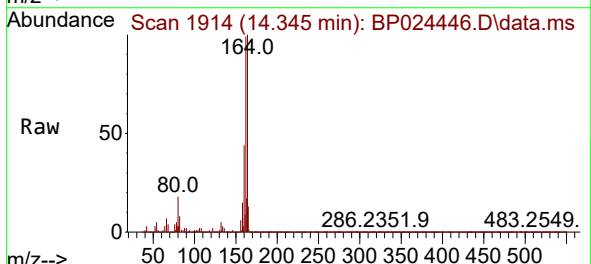
Instrument :
BNA_P
ClientSampleId :
COMP-3

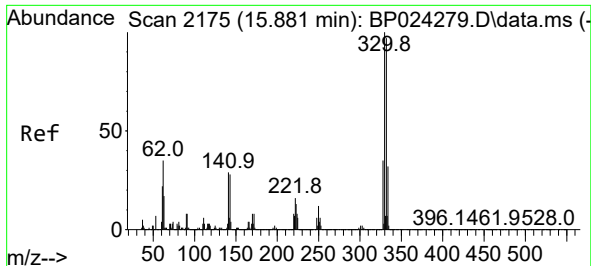
Tgt Ion: 82 Resp: 735605
Ion Ratio Lower Upper
82 100
128 48.7 36.5 54.7
54 44.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

Tgt Ion:164 Resp: 345985
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 44.4 35.3 52.9

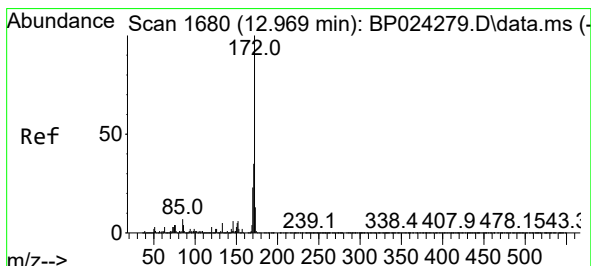
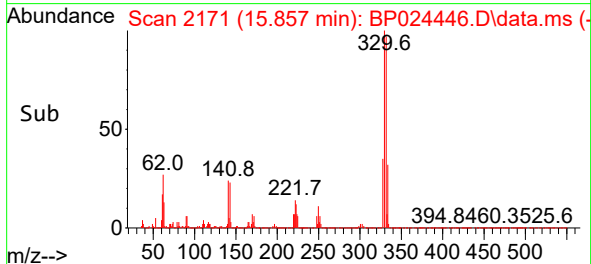
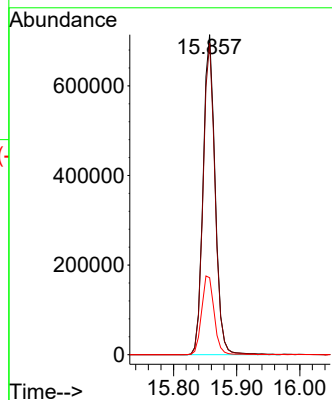
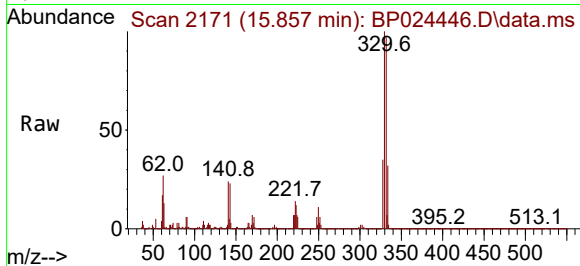




#42
2,4,6-Tribromophenol
Concen: 196.912 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

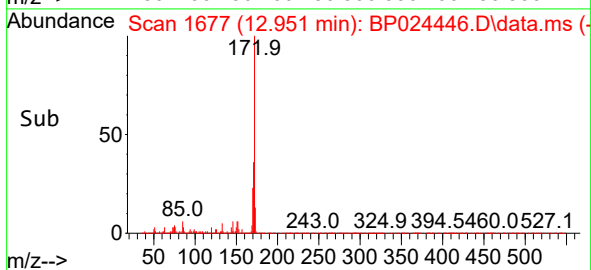
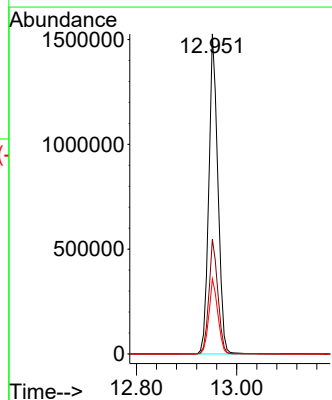
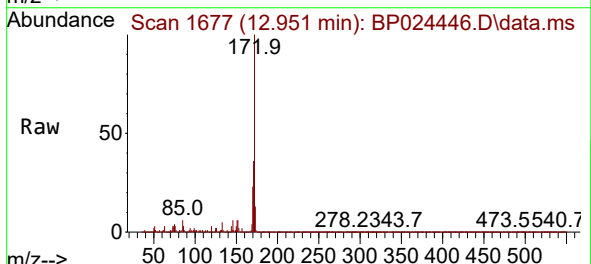
Instrument :
BNA_P
ClientSampleId :
COMP-3

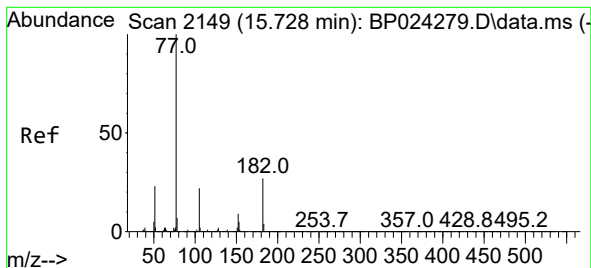
Tgt Ion:330 Resp: 942597
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 25.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 85.051 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.012 min
Lab File: BP024446.D
Acq: 28 Apr 2025 21:06

Tgt Ion:172 Resp: 1921894
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 23.5 18.6 27.8





#63

Azobenzene

Concen: 5.609 ng

RT: 15.728 min Scan# 2149

Delta R.T. 0.018 min

Lab File: BP024446.D

Acq: 28 Apr 2025 21:06

Instrument :

BNA_P

ClientSampleId :

COMP-3

Tgt Ion: 77 Resp: 133660

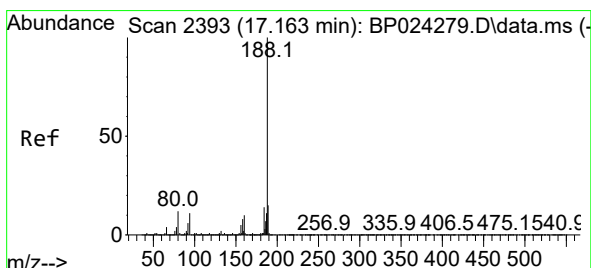
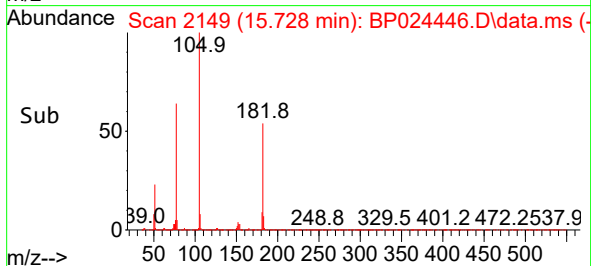
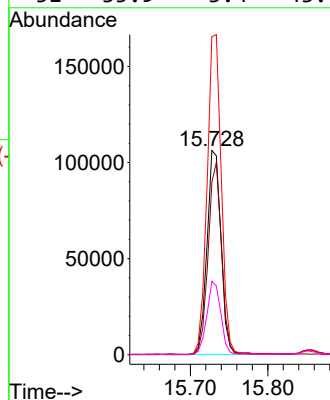
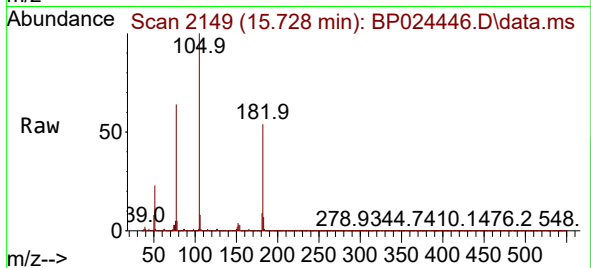
Ion Ratio Lower Upper

77 100

182 84.5 7.3 47.3#

105 155.7 2.3 42.3#

51 35.9 3.4 43.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BP024446.D

Acq: 28 Apr 2025 21:06

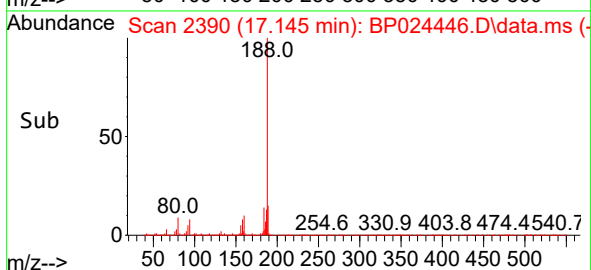
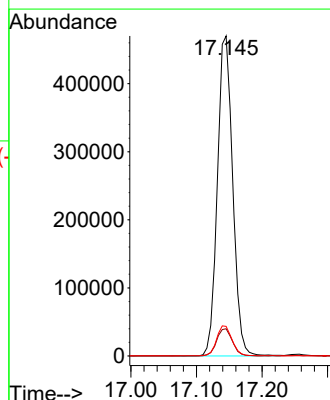
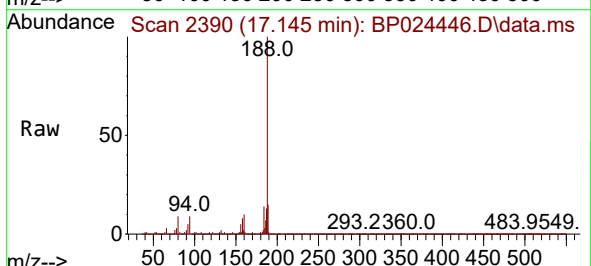
Tgt Ion:188 Resp: 760423

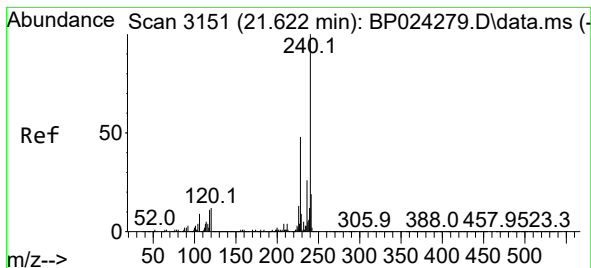
Ion Ratio Lower Upper

188 100

94 8.5 8.6 13.0#

80 9.2 9.8 14.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP024446.D

Acq: 28 Apr 2025 21:06

Instrument :

BNA_P

ClientSampleId :

COMP-3

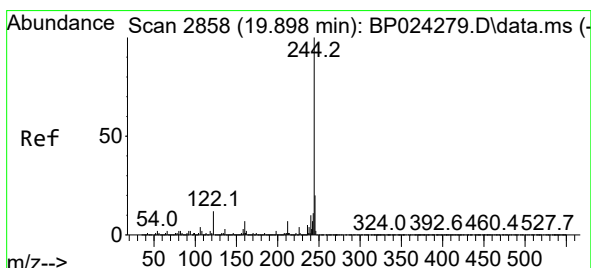
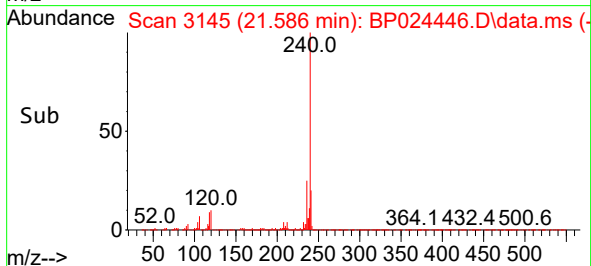
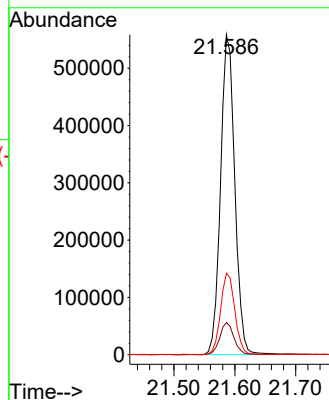
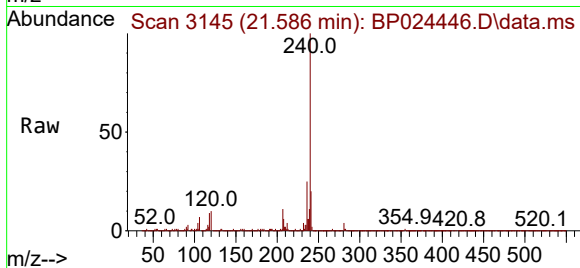
Tgt Ion:240 Resp: 906606

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 25.4 20.9 31.3



#79

Terphenyl-d14

Concen: 90.041 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024446.D

Acq: 28 Apr 2025 21:06

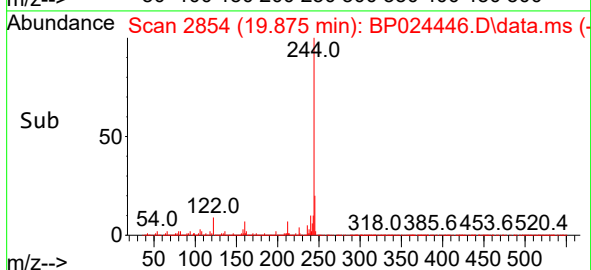
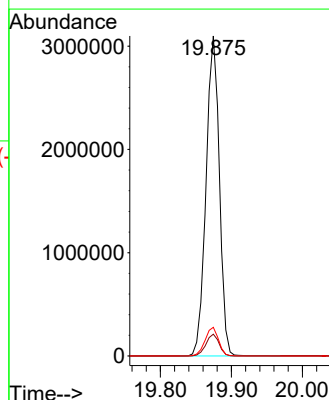
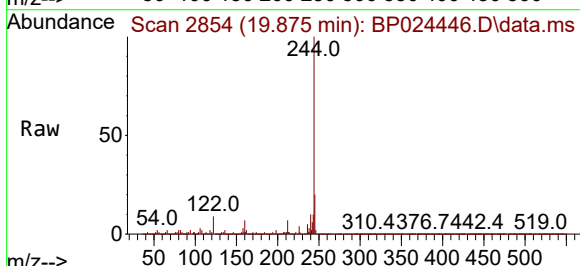
Tgt Ion:244 Resp: 4049924

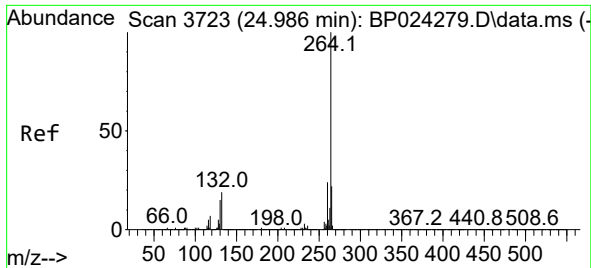
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 8.9 9.4 14.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP024446.D
 Acq: 28 Apr 2025 21:06

Instrument :
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Tgt Ion:264 Resp: 891491
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 22.2 17.8 26.6

