

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024445.D
 Acq On : 28 Apr 2025 20:25
 Operator : RC/JU
 Sample : Q1895-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Apr 29 01:25:10 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)

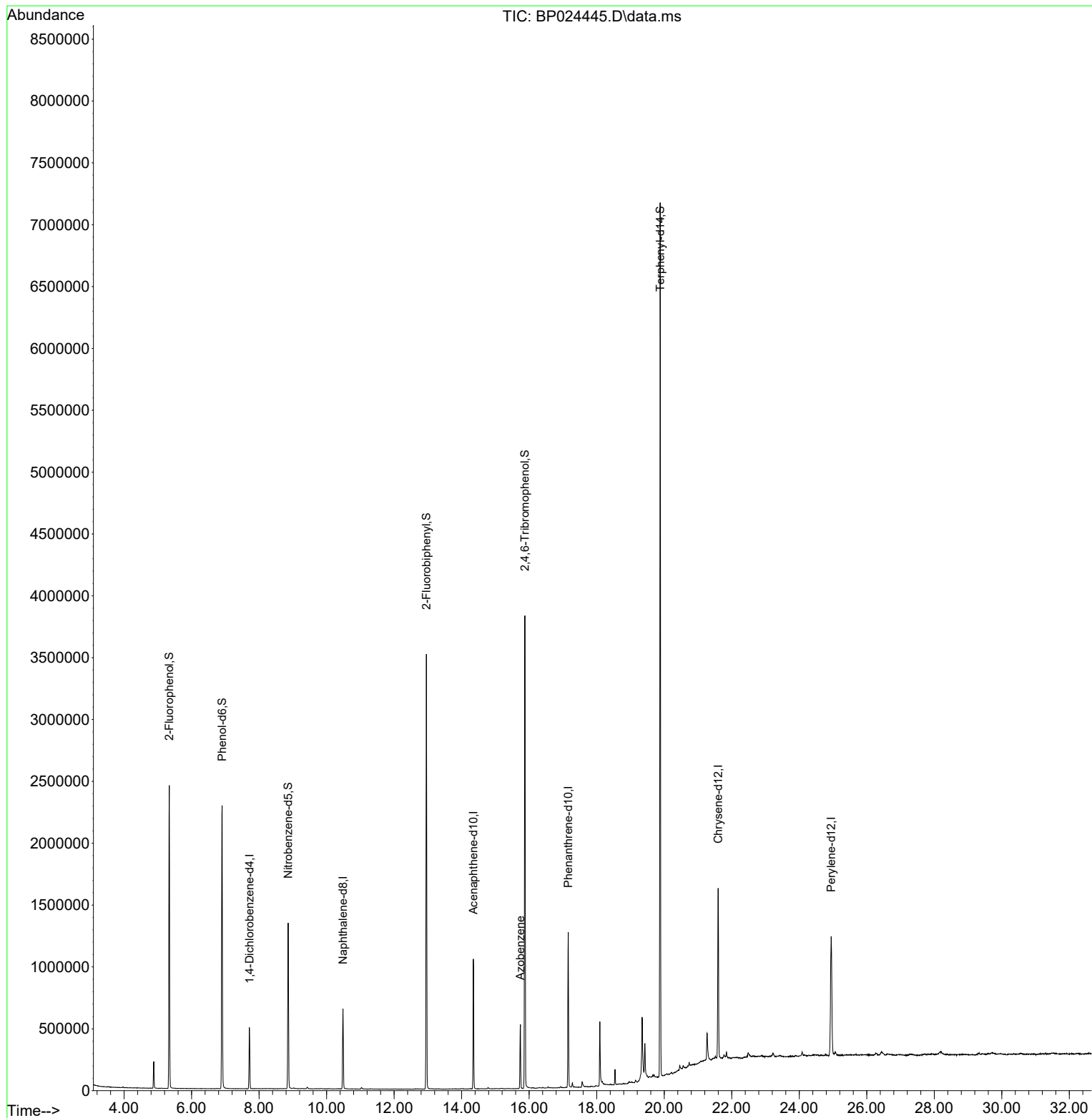
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	138416	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	537097	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	341197	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	726712	20.000	ng	0.01
76) Chrysene-d12	21.598	240	859613	20.000	ng	0.00
86) Perylene-d12	24.945	264	1026044	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1052903	125.775	ng	0.00
7) Phenol-d6	6.904	99	1387840	121.075	ng	0.00
23) Nitrobenzene-d5	8.863	82	776072	82.392	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	878101	186.013	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	1774639	79.636	ng	0.00
79) Terphenyl-d14	19.880	244	3649801	85.581	ng	0.00
Target Compounds						
63) Azobenzene	15.739	77	145571	6.194	ng	Qvalue # 1

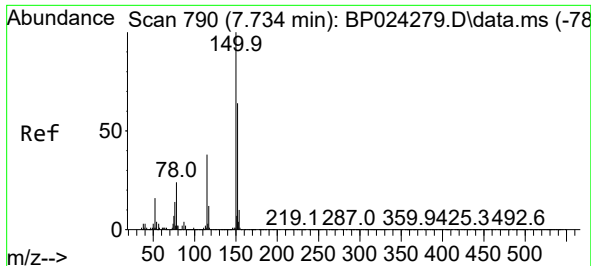
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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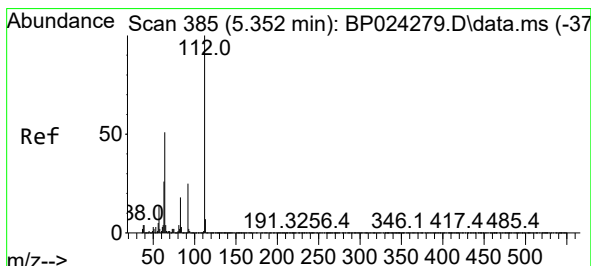
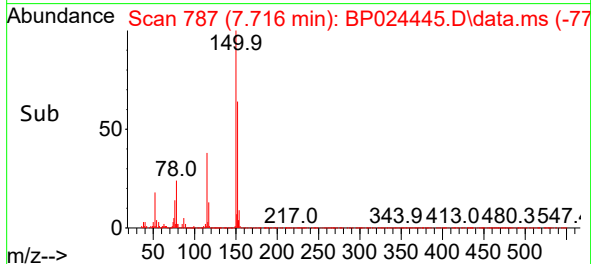
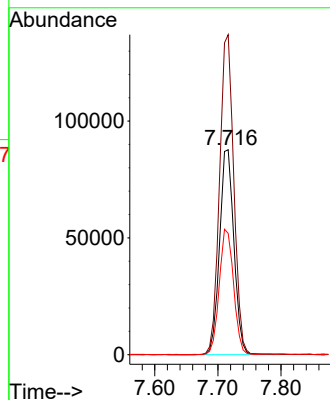
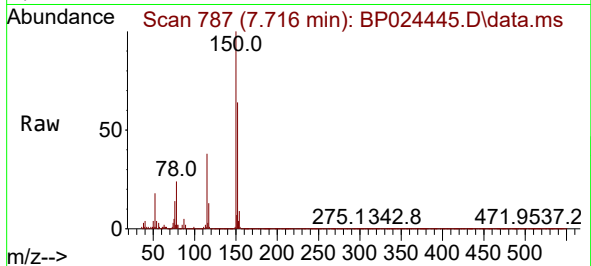




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

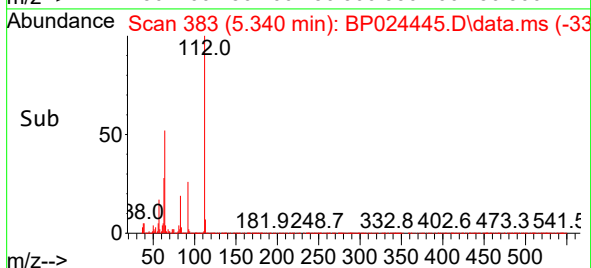
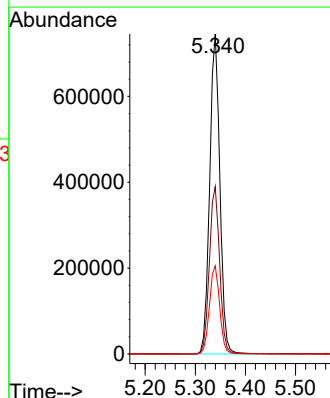
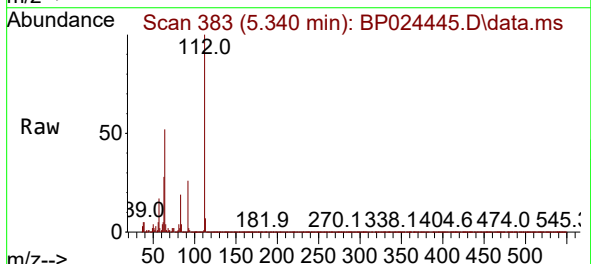
Instrument :
BNA_P
ClientSampleId :
COMP-2

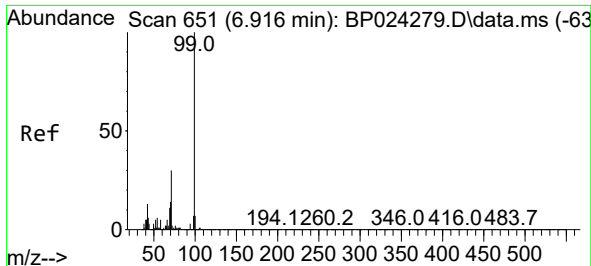
Tgt Ion:152 Resp: 138416
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 59.2 47.7 71.5



#5
2-Fluorophenol
Concen: 125.775 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

Tgt Ion:112 Resp: 1052903
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 27.6 20.6 30.8

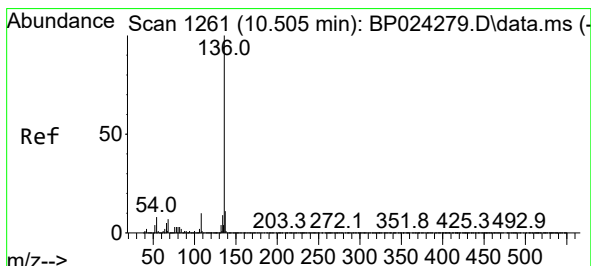
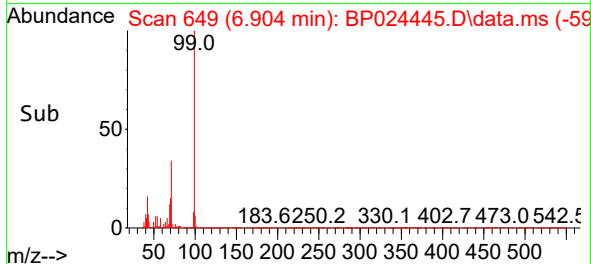
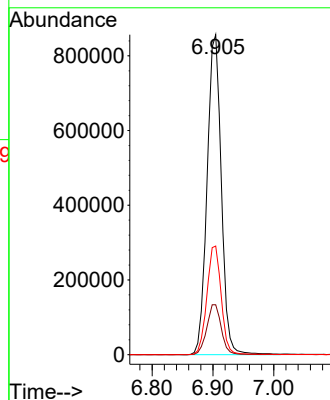
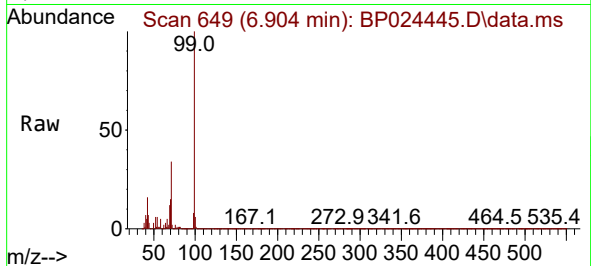




#7
Phenol-d6
Concen: 121.075 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

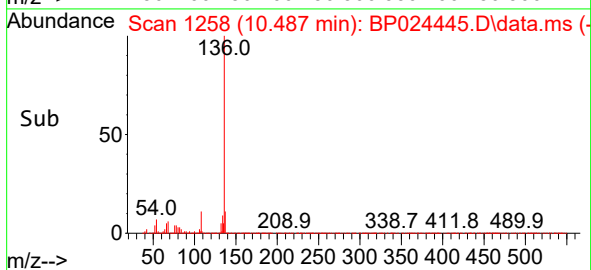
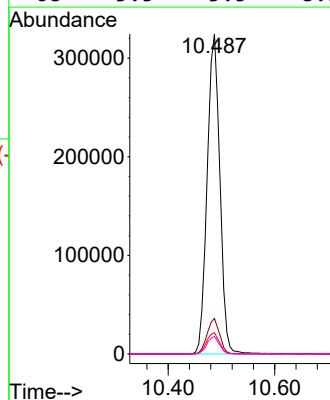
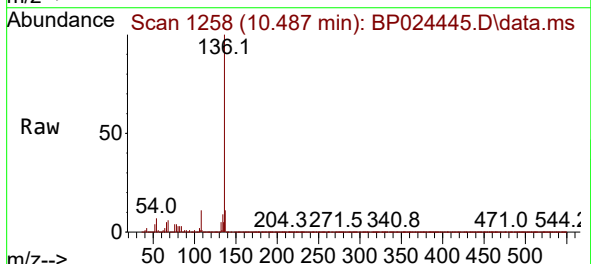
Instrument :
BNA_P
ClientSampleId :
COMP-2

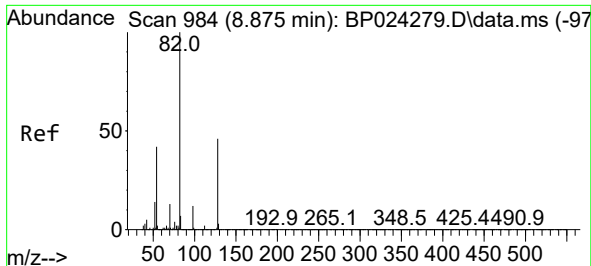
Tgt Ion: 99 Resp: 1387840
Ion Ratio Lower Upper
99 100
42 15.6 10.6 16.0
71 34.0 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

Tgt Ion: 136 Resp: 537097
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.7 6.0 9.0
68 5.5 5.5 8.3#

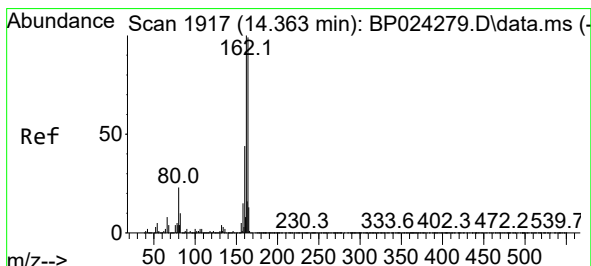
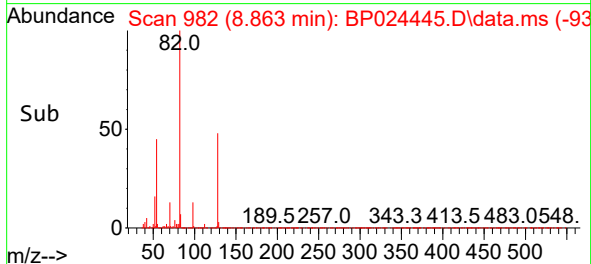
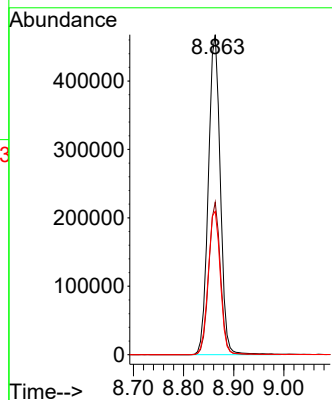
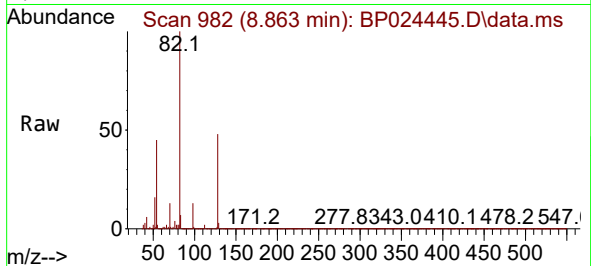




#23
Nitrobenzene-d5
Concen: 82.392 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

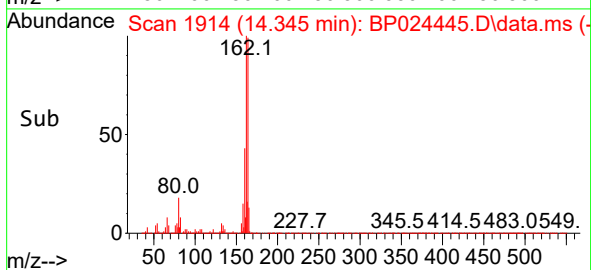
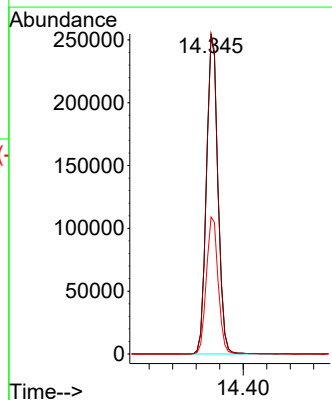
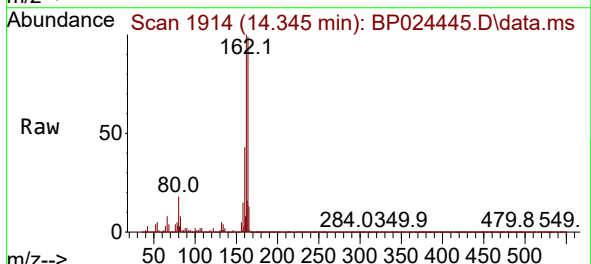
Instrument :
BNA_P
ClientSampleId :
COMP-2

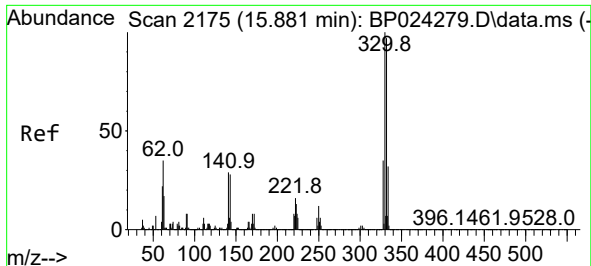
Tgt Ion: 82 Resp: 776072
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 44.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

Tgt Ion: 164 Resp: 341197
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 43.1 35.3 52.9

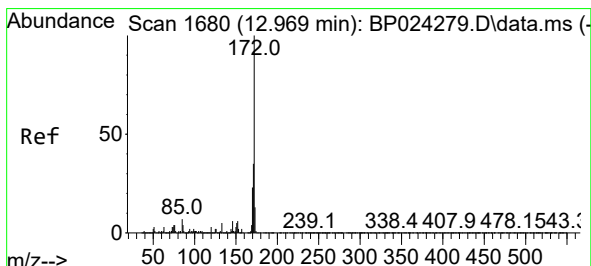
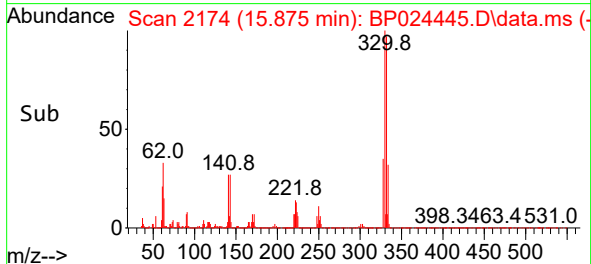
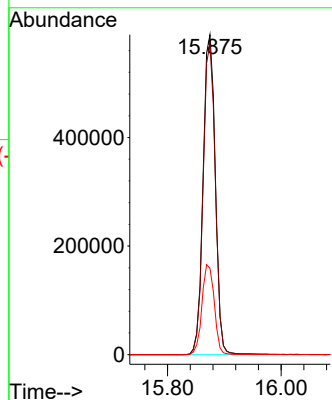
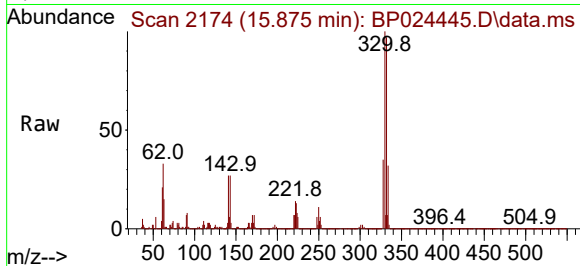




#42
2,4,6-Tribromophenol
Concen: 186.013 ng
RT: 15.875 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

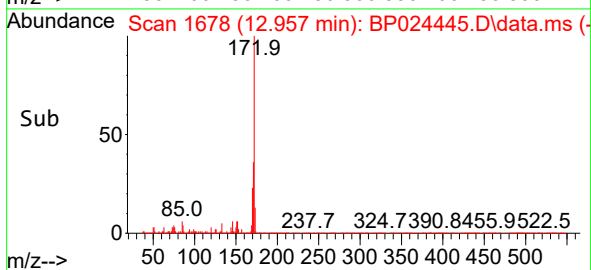
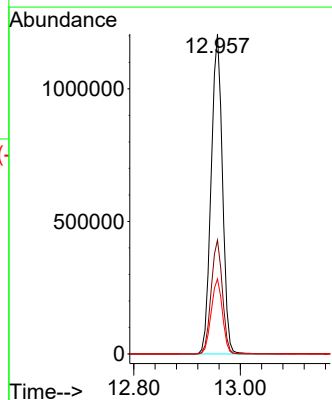
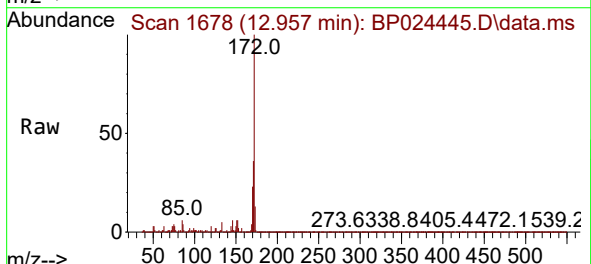
Instrument :
BNA_P
ClientSampleId :
COMP-2

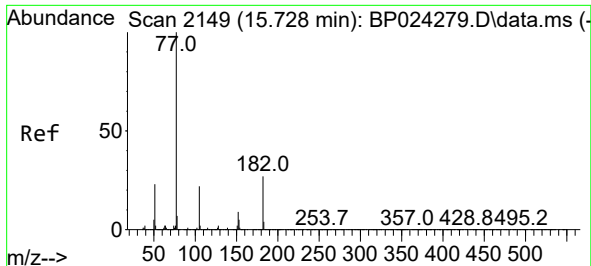
Tgt Ion:330 Resp: 878101
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 28.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 79.636 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

Tgt Ion:172 Resp: 1774639
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.5 18.6 27.8

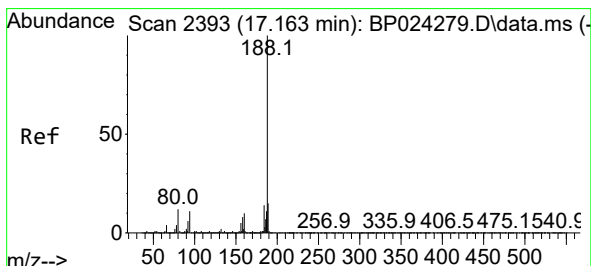
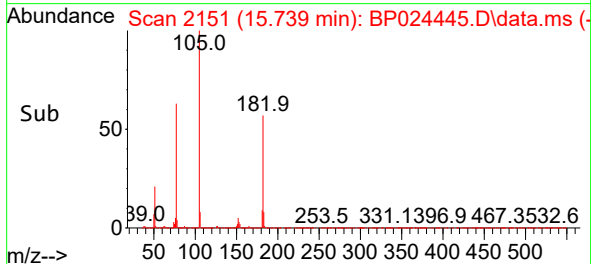
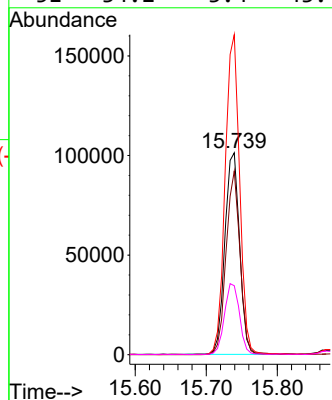
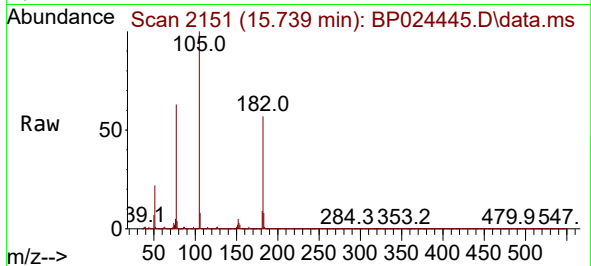




#63
Azobenzene
Concen: 6.194 ng
RT: 15.739 min Scan# 2149
Delta R.T. 0.029 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

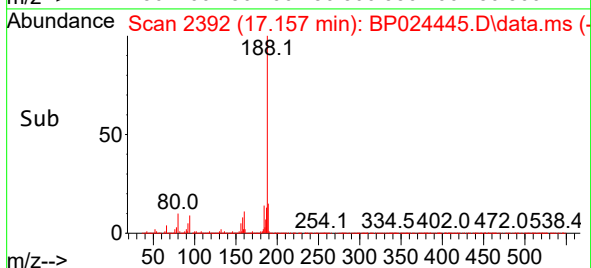
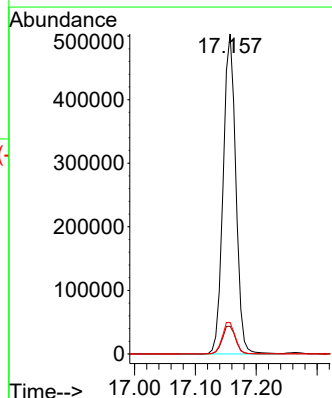
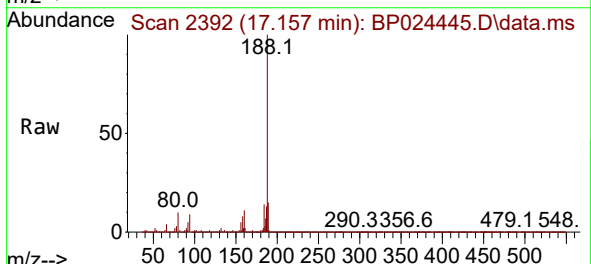
Instrument :
BNA_P
ClientSampleId :
COMP-2

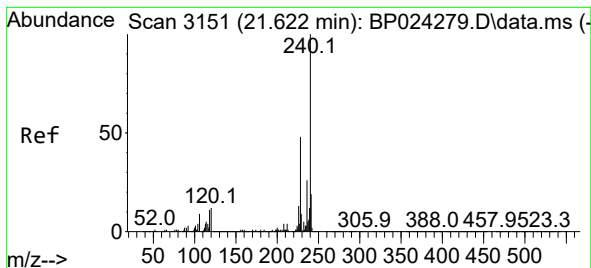
Tgt Ion: 77 Resp: 145571
Ion Ratio Lower Upper
77 100
182 91.0 7.3 47.3#
105 158.5 2.3 42.3#
51 34.2 3.4 43.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2392
Delta R.T. 0.012 min
Lab File: BP024445.D
Acq: 28 Apr 2025 20:25

Tgt Ion: 188 Resp: 726712
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.8 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP024445.D

Acq: 28 Apr 2025 20:25

Instrument :

BNA_P

ClientSampleId :

COMP-2

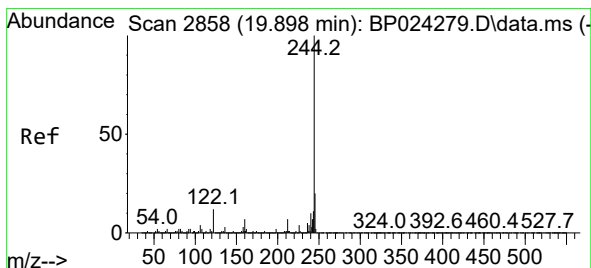
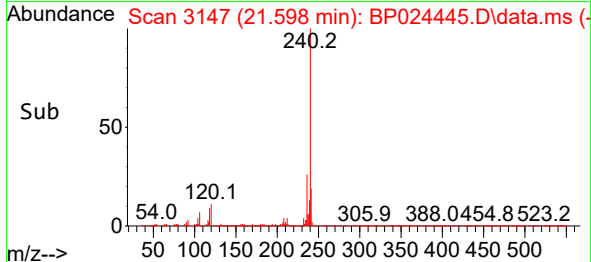
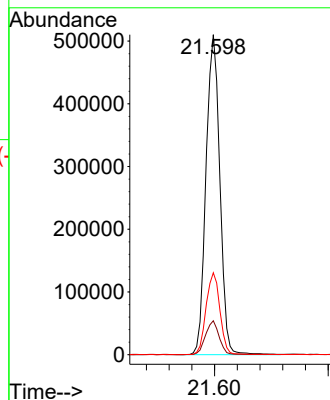
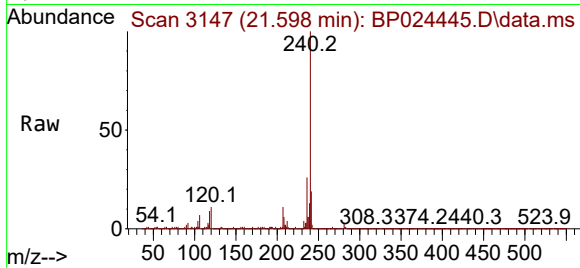
Tgt Ion:240 Resp: 859613

Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 85.581 ng

RT: 19.880 min Scan# 2855

Delta R.T. 0.006 min

Lab File: BP024445.D

Acq: 28 Apr 2025 20:25

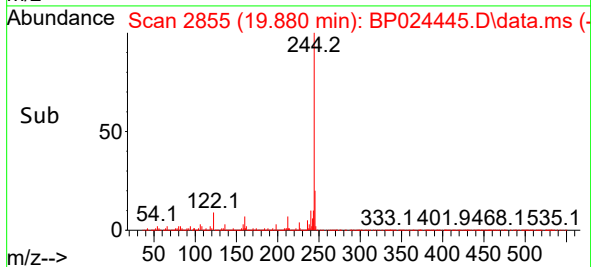
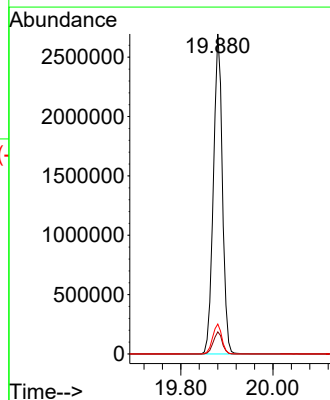
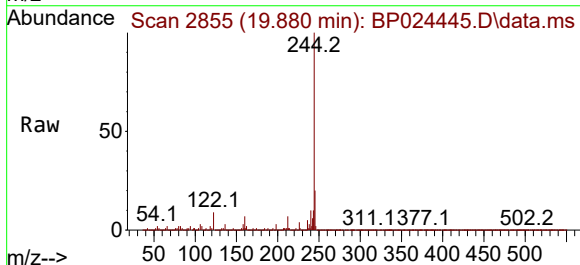
Tgt Ion:244 Resp: 3649801

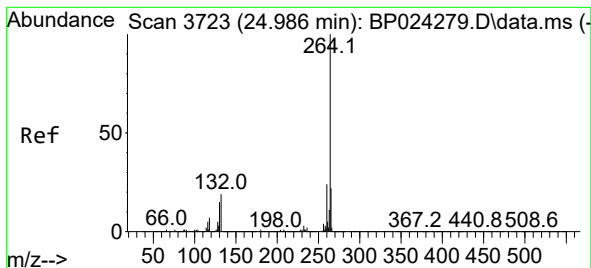
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.4 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024445.D

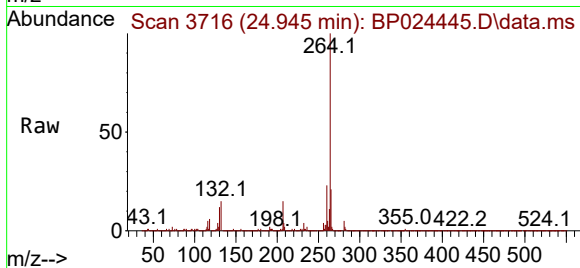
Acq: 28 Apr 2025 20:25

Instrument :

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Tgt Ion:264 Resp: 1026044

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

265 21.4 17.8 26.6

