

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
 Data File : BP024442.D
 Acq On : 28 Apr 2025 18:24
 Operator : RC/JU
 Sample : Q1889--03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 01:24:14 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)

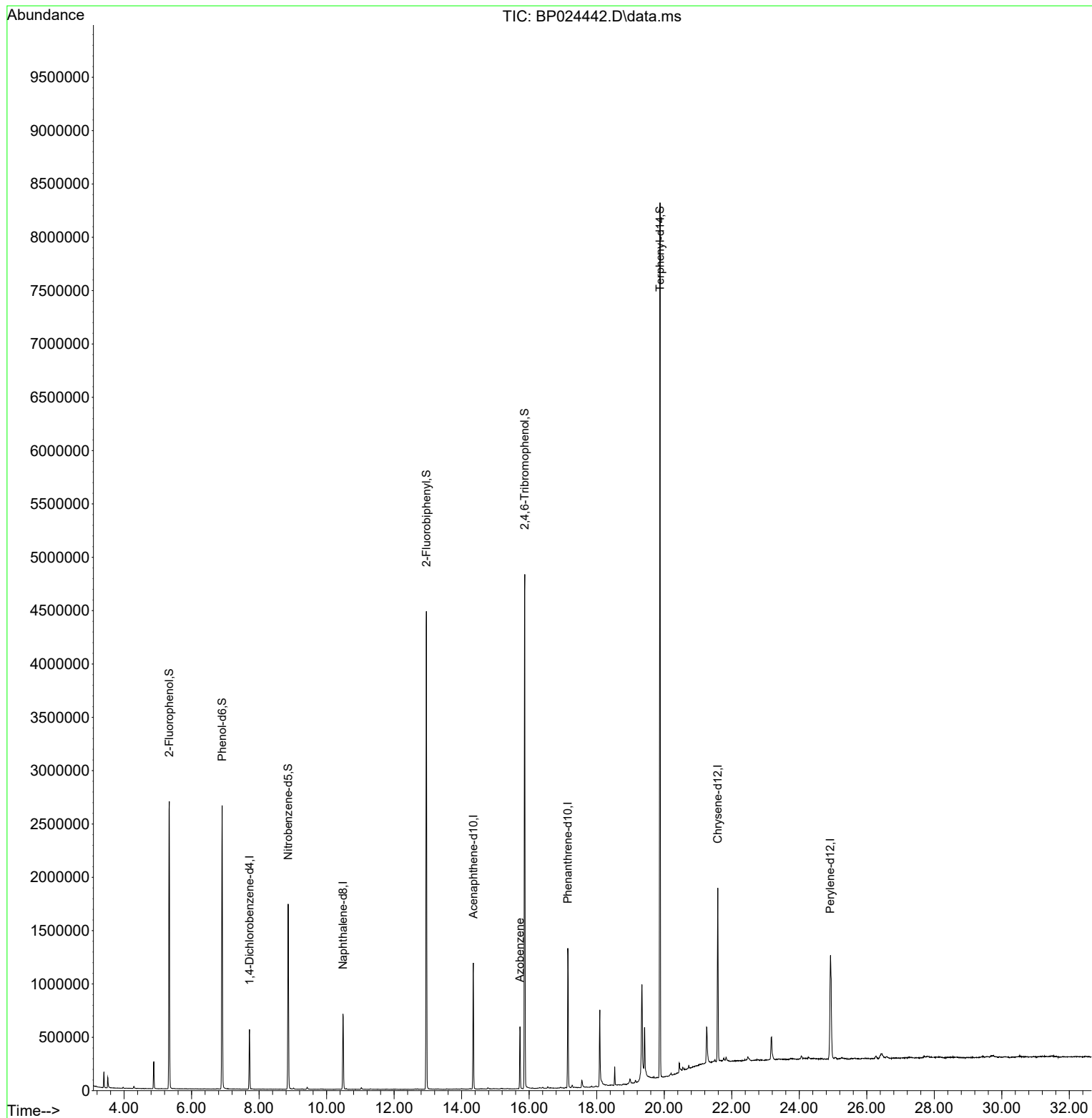
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	149345	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	600913	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	389381	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	812016	20.000	ng	0.00
76) Chrysene-d12	21.586	240	931215	20.000	ng	0.00
86) Perylene-d12	24.921	264	1106841	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1212700	134.263	ng	0.00
7) Phenol-d6	6.905	99	1557464	125.929	ng	0.00
23) Nitrobenzene-d5	8.863	82	954497	90.573	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	1033681	191.874	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2271169	89.306	ng	0.00
79) Terphenyl-d14	19.875	244	4076635	88.240	ng	0.00
Target Compounds						
63) Azobenzene	15.728	77	163813	6.108	ng	Qvalue # 1

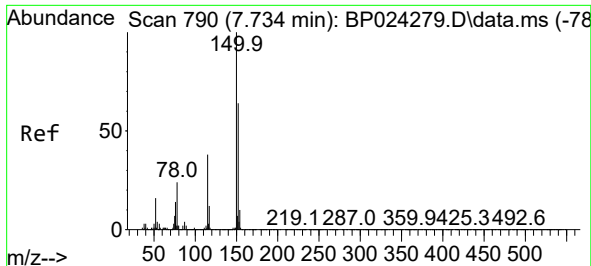
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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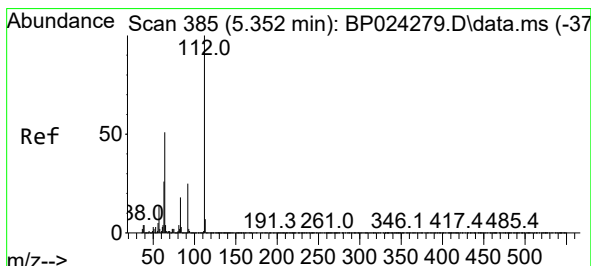
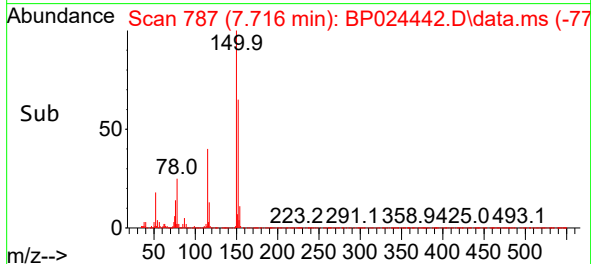
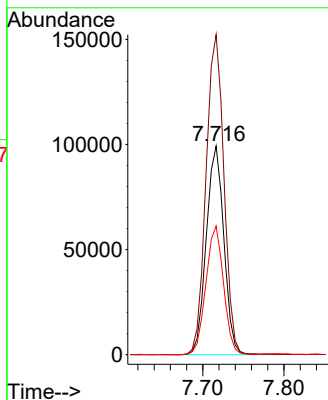
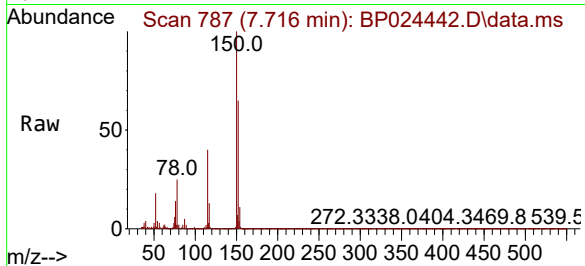




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

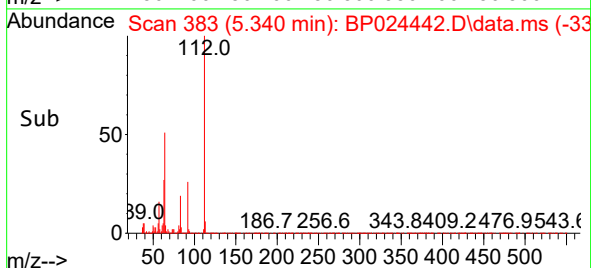
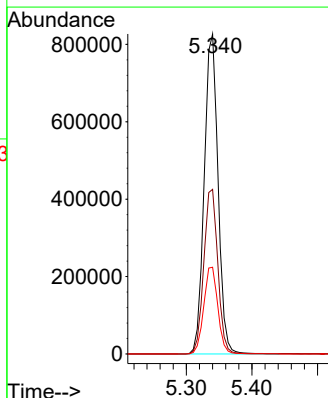
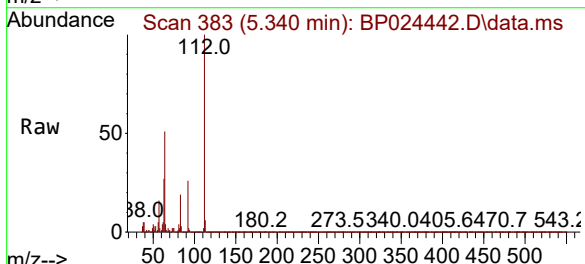
Instrument :
BNA_P
ClientSampleId :
COMP-3

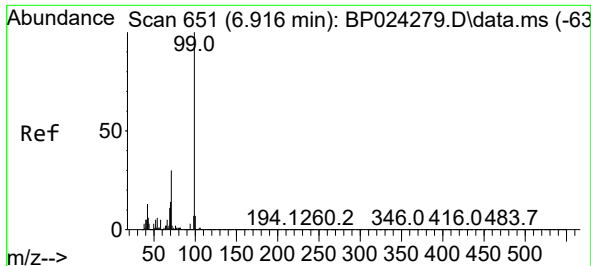
Tgt Ion:152 Resp: 149345
Ion Ratio Lower Upper
152 100
150 153.3 124.9 187.3
115 61.7 47.7 71.5



#5
2-Fluorophenol
Concen: 134.263 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

Tgt Ion:112 Resp: 1212700
Ion Ratio Lower Upper
112 100
64 51.4 41.1 61.7
63 27.1 20.6 30.8

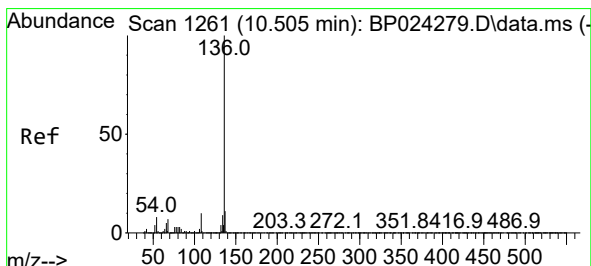
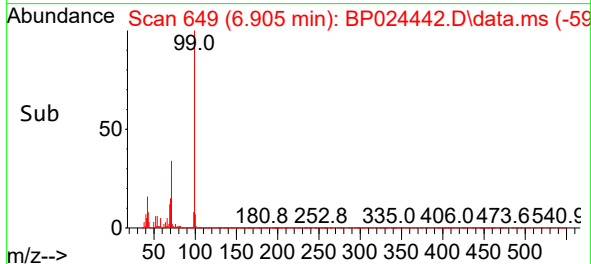
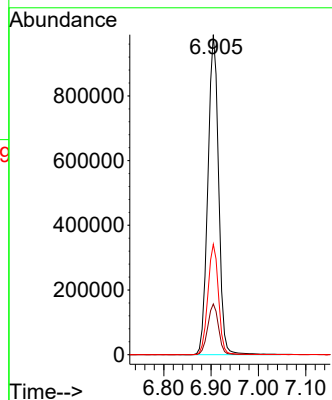
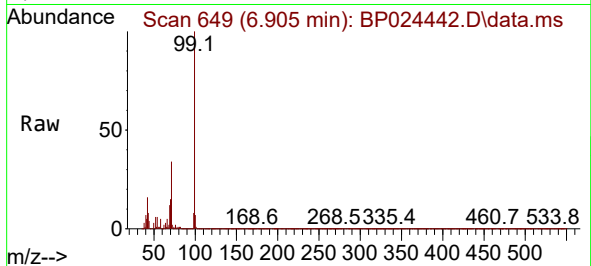




#7
Phenol-d6
Concen: 125.929 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

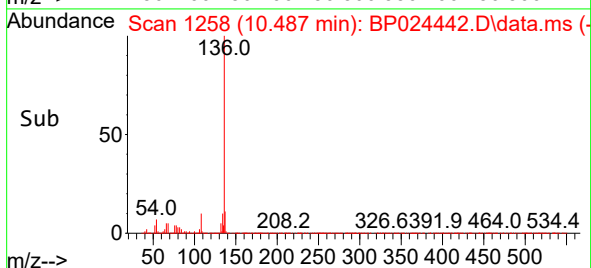
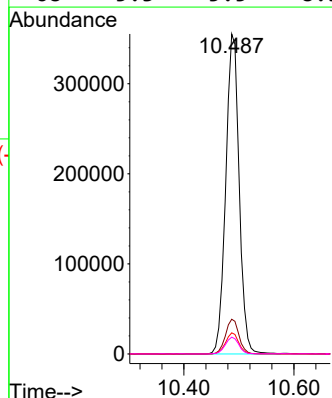
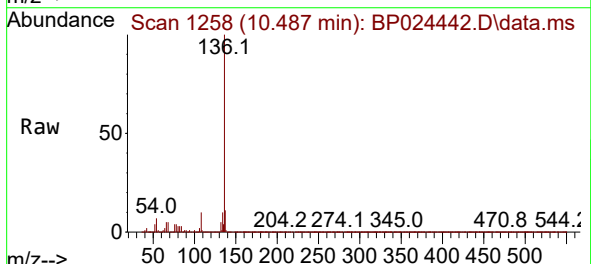
Instrument :
BNA_P
ClientSampleId :
COMP-3

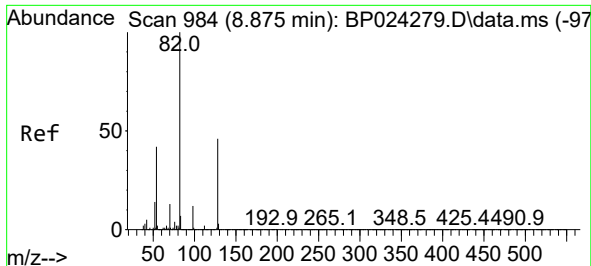
Tgt Ion: 99 Resp: 1557464
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 34.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

Tgt Ion: 136 Resp: 600913
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 6.0 9.0
68 5.3 5.5 8.3

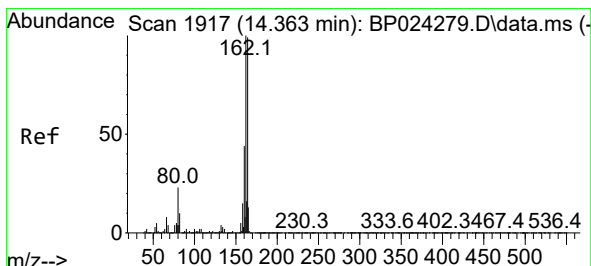
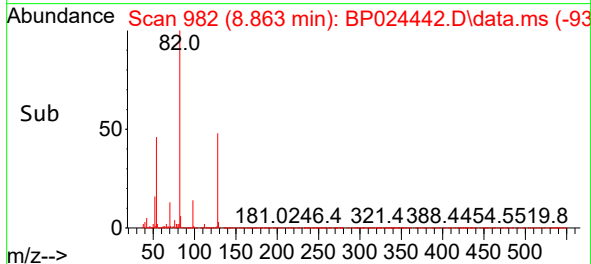
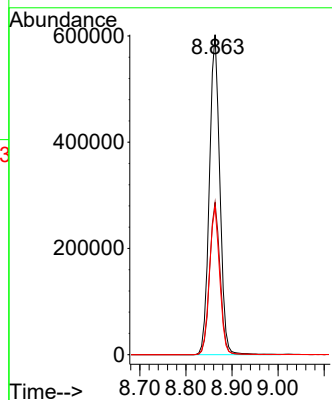
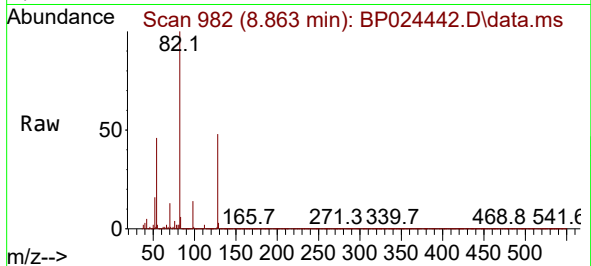




#23
Nitrobenzene-d5
Concen: 90.573 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

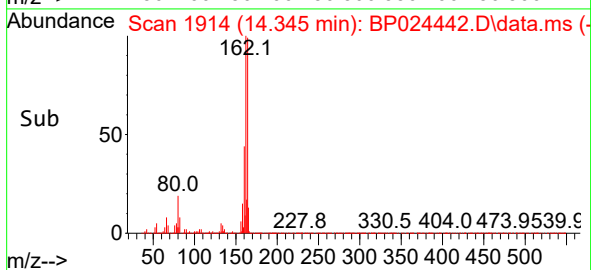
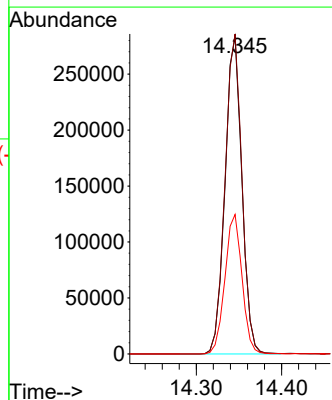
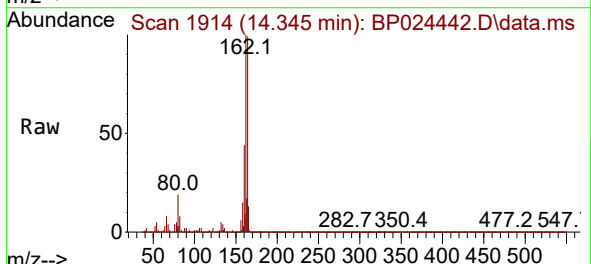
Instrument :
BNA_P
ClientSampleId :
COMP-3

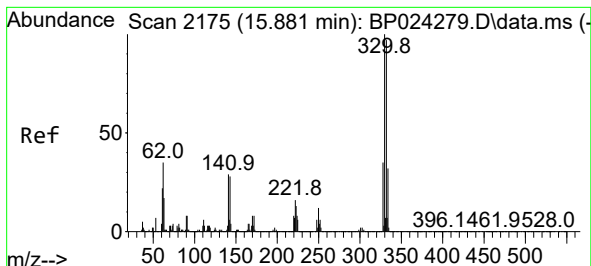
Tgt Ion: 82 Resp: 954497
Ion Ratio Lower Upper
82 100
128 47.6 36.5 54.7
54 46.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024442.D
Acq: 28 Apr 2025 18:24

Tgt Ion: 164 Resp: 389381
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 191.874 ng

RT: 15.869 min Scan# 2173

Delta R.T. 0.006 min

Lab File: BP024442.D

Acq: 28 Apr 2025 18:24

Instrument :

BNA_P

ClientSampleId :

COMP-3

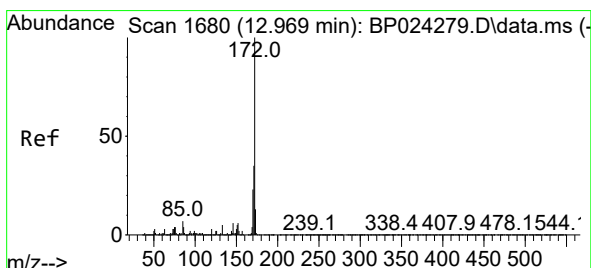
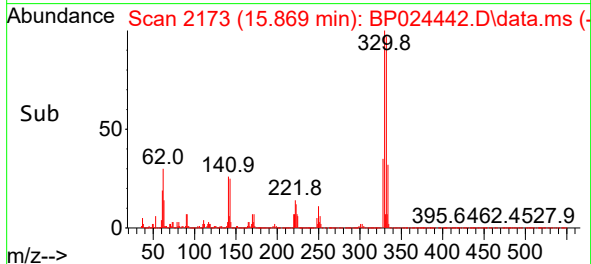
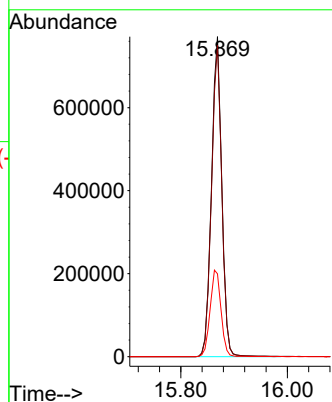
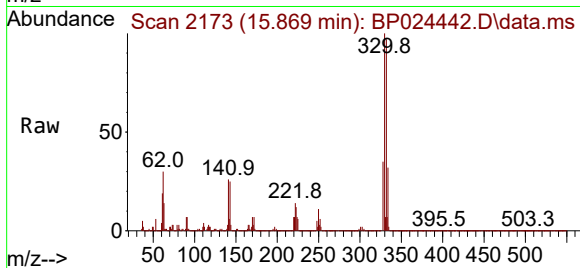
Tgt Ion:330 Resp: 1033681

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 28.7 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.306 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024442.D

Acq: 28 Apr 2025 18:24

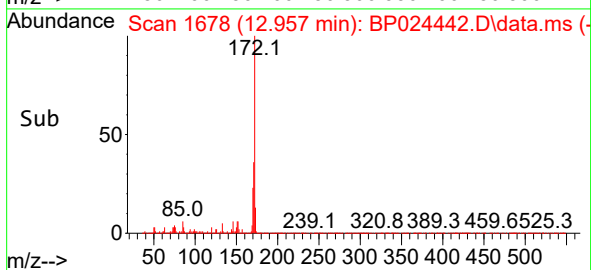
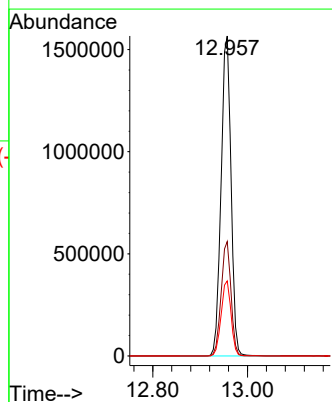
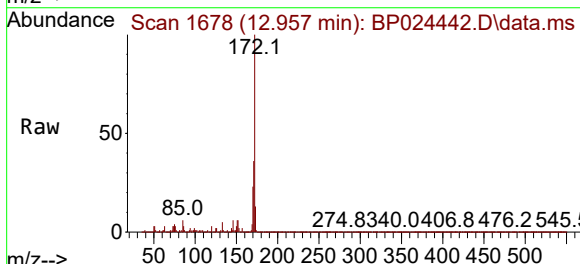
Tgt Ion:172 Resp: 2271169

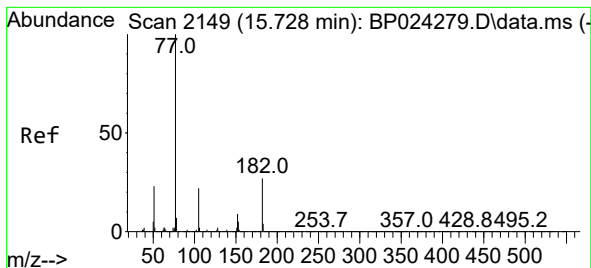
Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.4 18.6 27.8





#63

Azobenzene

Concen: 6.108 ng

RT: 15.728 min Scan# 2149

Delta R.T. 0.018 min

Lab File: BP024442.D

Acq: 28 Apr 2025 18:24

Instrument :

BNA_P

ClientSampleId :

COMP-3

Tgt Ion: 77 Resp: 163813

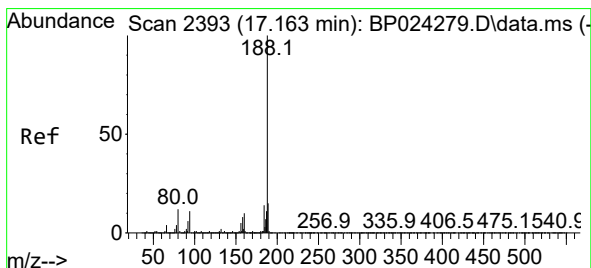
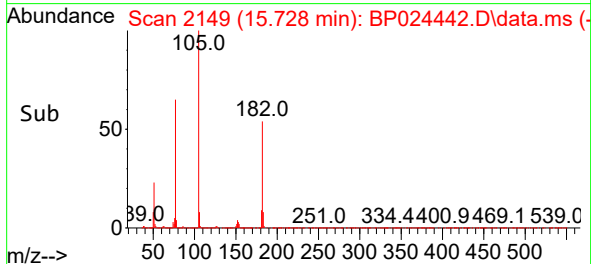
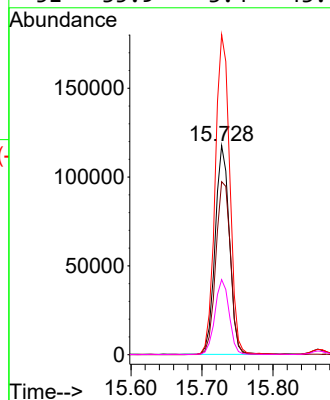
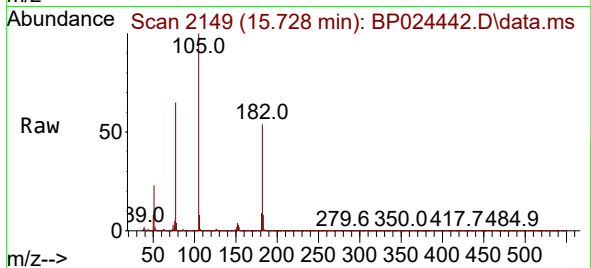
Ion Ratio Lower Upper

77 100

182 82.7 7.3 47.3#

105 153.0 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: BP024442.D

Acq: 28 Apr 2025 18:24

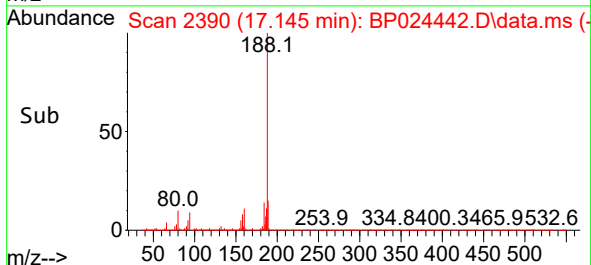
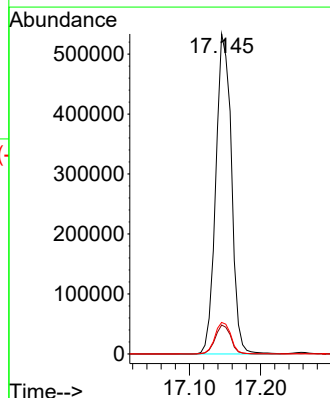
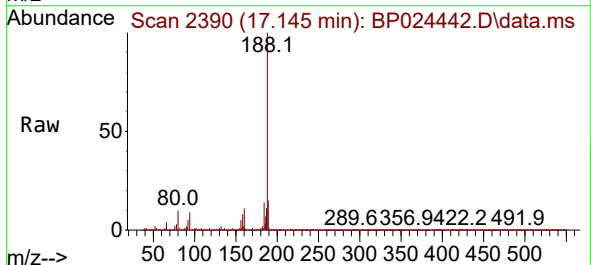
Tgt Ion: 188 Resp: 812016

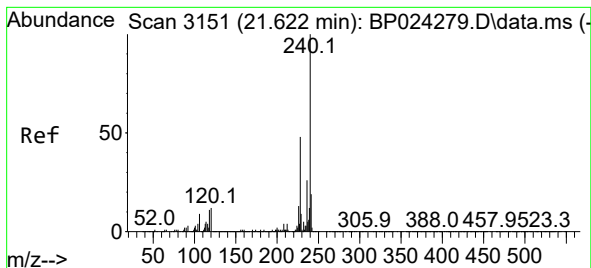
Ion Ratio Lower Upper

188 100

94 9.1 8.6 13.0

80 9.8 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP024442.D

Acq: 28 Apr 2025 18:24

Instrument :

BNA_P

ClientSampleId :

COMP-3

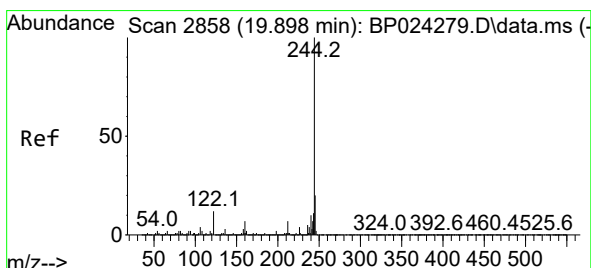
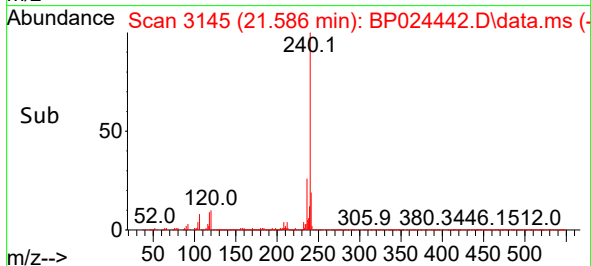
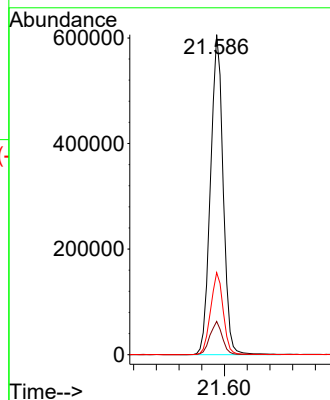
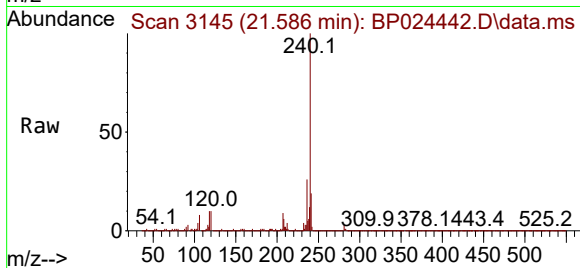
Tgt Ion:240 Resp: 931215

Ion Ratio Lower Upper

240 100

120 10.4 9.8 14.8

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 88.240 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024442.D

Acq: 28 Apr 2025 18:24

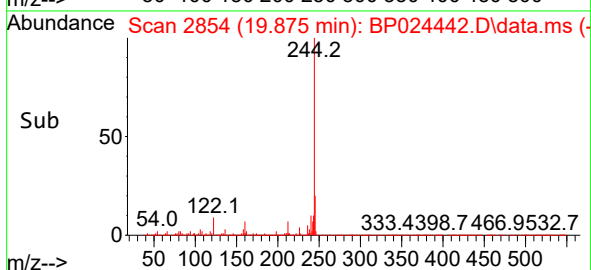
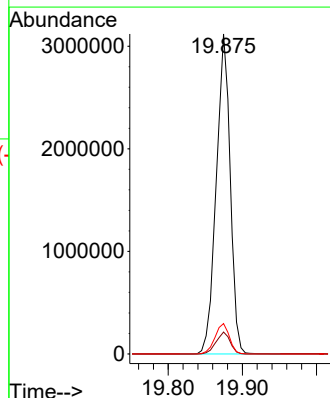
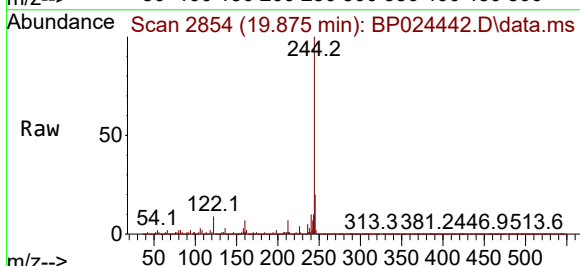
Tgt Ion:244 Resp: 4076635

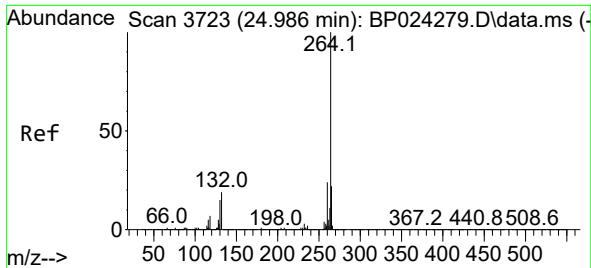
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.5 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: BP024442.D
Acq: 28 Apr 2025 18:24

Instrument :
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COMP-3

Tgt Ion:264 Resp: 1106841

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.3	17.8	26.6

