

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024459.D
 Acq On : 29 Apr 2025 14:38
 Operator : RC/JU
 Sample : Q1895-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-2

Quant Time: Apr 29 15:08:16 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	172074	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	667599	20.000	ng	#-0.01
39) Acenaphthene-d10	14.340	164	409722	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	836329	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	927902	20.000	ng	0.00
86) Perylene-d12	24.945	264	1040268	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1323342	127.160	ng	0.00
7) Phenol-d6	6.905	99	1566068	109.899	ng	0.00
23) Nitrobenzene-d5	8.863	82	1023611	87.429	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	909265	160.400	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2267082	84.720	ng	-0.01
79) Terphenyl-d14	19.869	244	4207892	91.406	ng	0.00

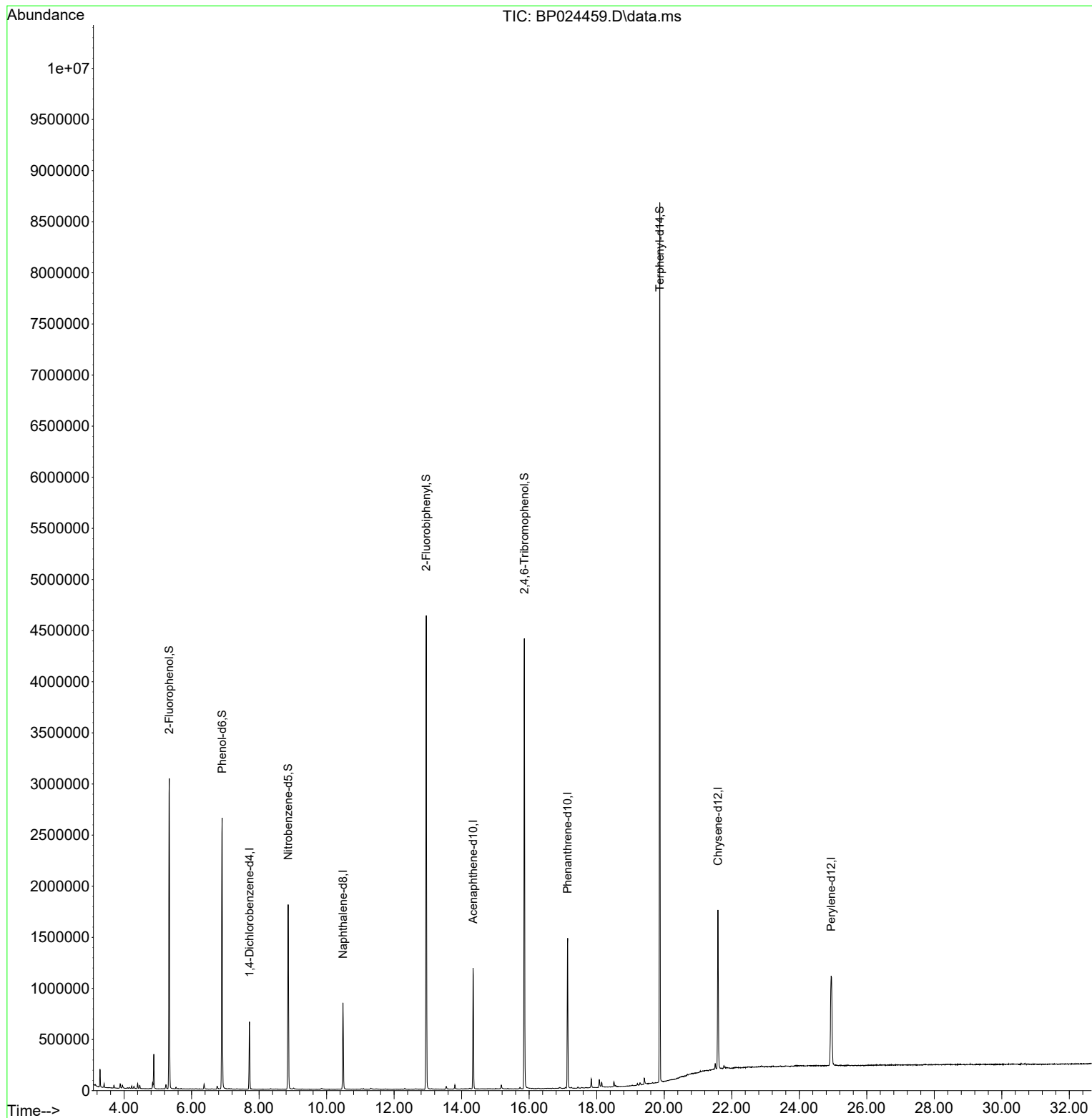
Target Compounds	Qvalue

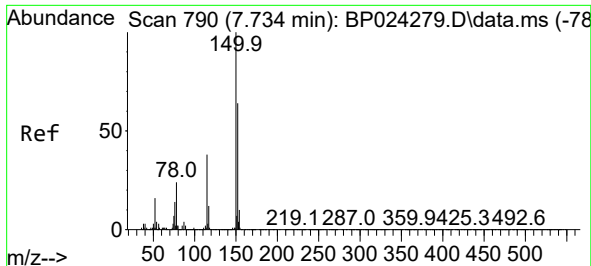
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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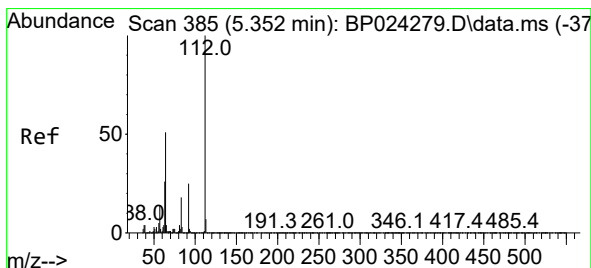
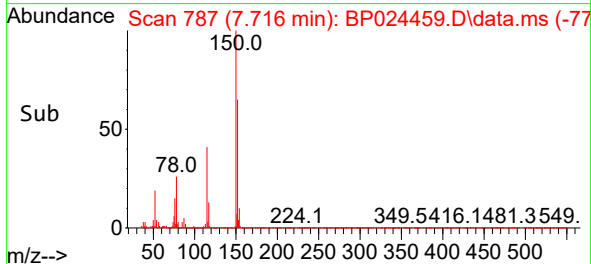
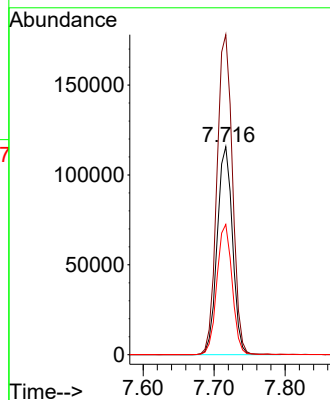
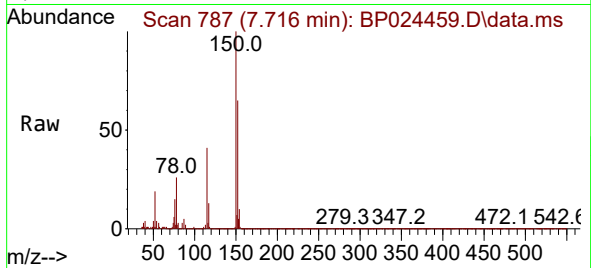




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

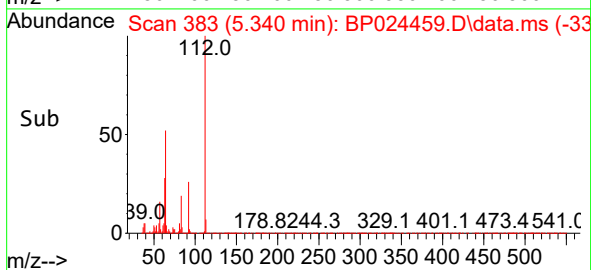
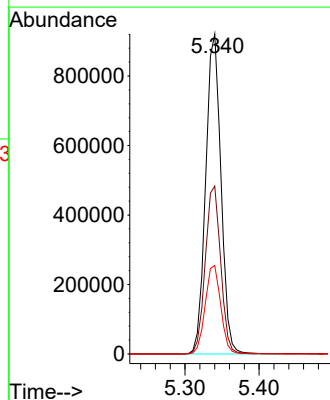
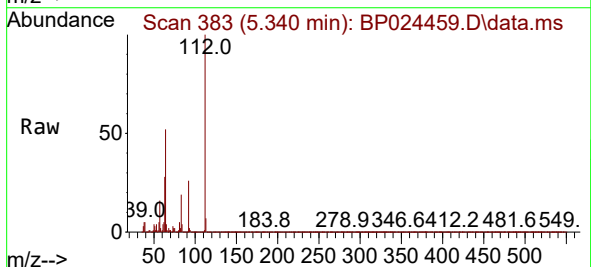
Instrument :
BNA_P
ClientSampleId :
COMP-2

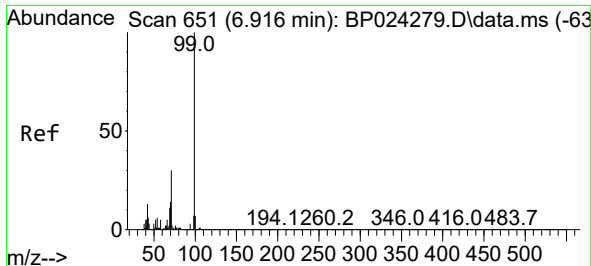
Tgt Ion:152 Resp: 172074
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 62.6 47.7 71.5



#5
2-Fluorophenol
Concen: 127.160 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

Tgt Ion:112 Resp: 1323342
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 27.6 20.6 30.8

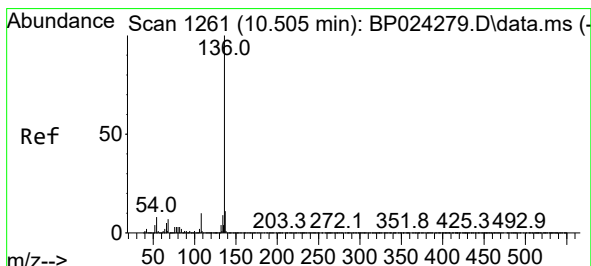
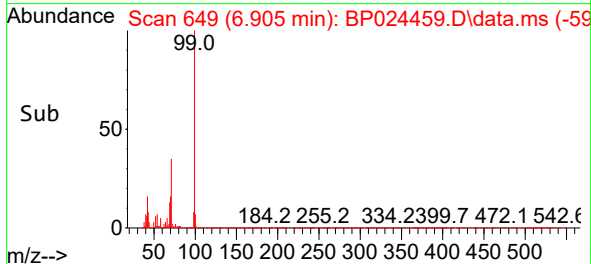
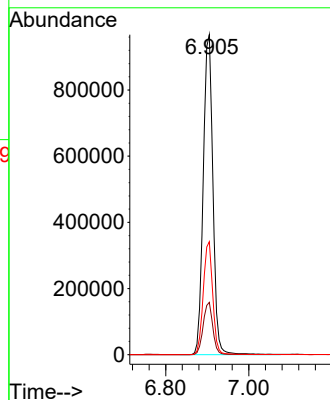
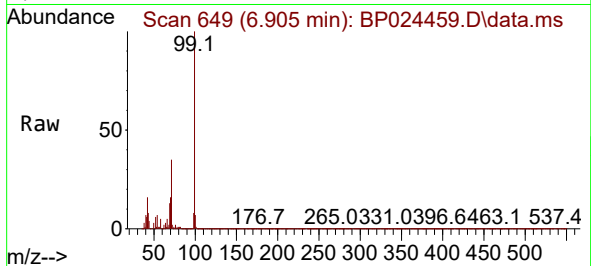




#7
Phenol-d6
Concen: 109.899 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

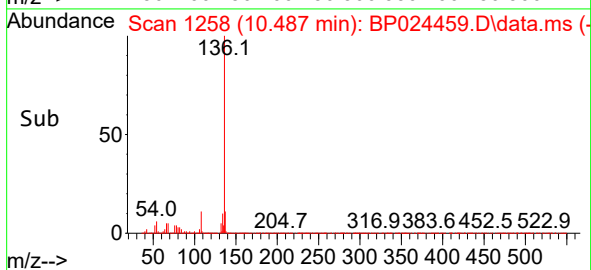
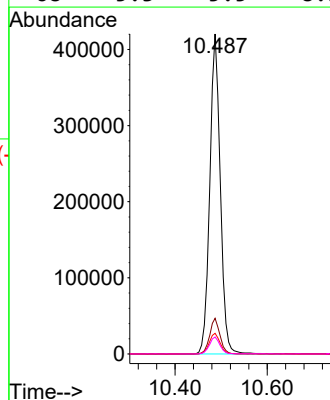
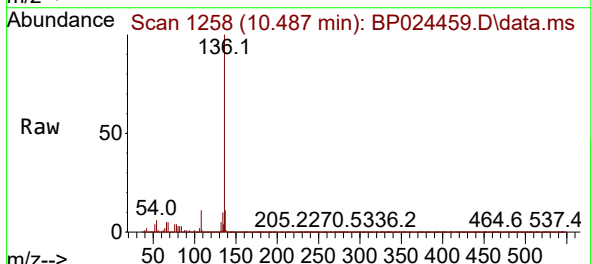
Instrument :
BNA_P
ClientSampleId :
COMP-2

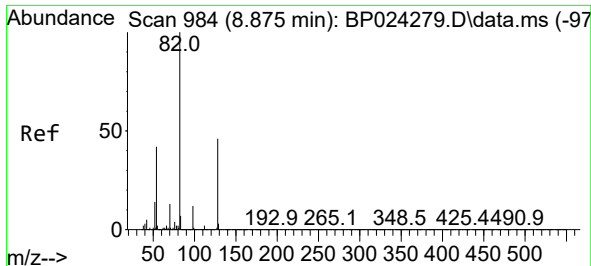
Tgt Ion: 99 Resp: 1566068
Ion Ratio Lower Upper
99 100
42 16.4 10.6 16.0#
71 35.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

Tgt Ion:136 Resp: 667599
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.4 6.0 9.0
68 5.3 5.5 8.3#

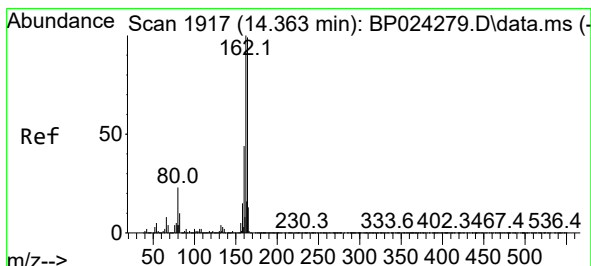
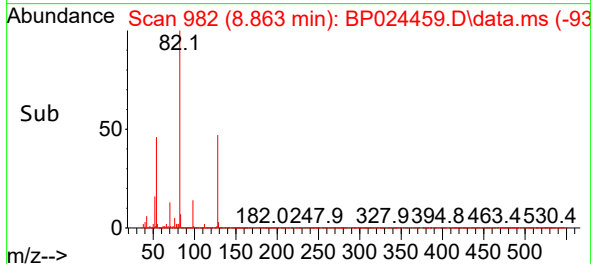
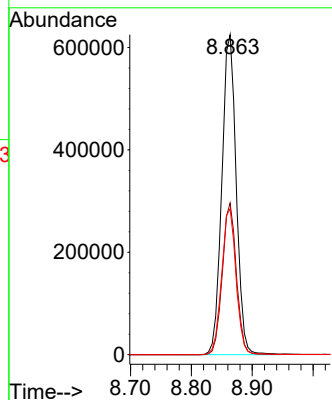
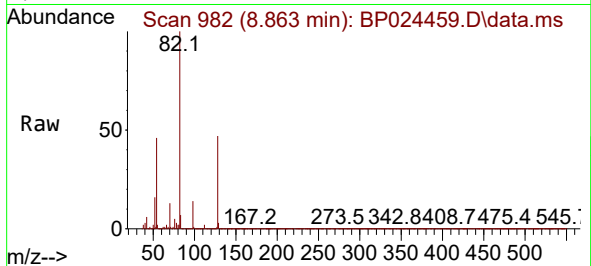




#23
Nitrobenzene-d5
Concen: 87.429 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

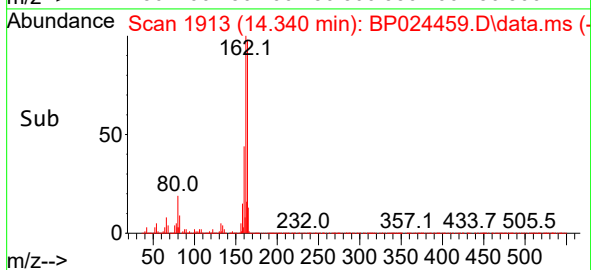
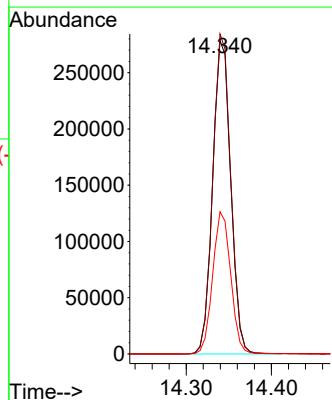
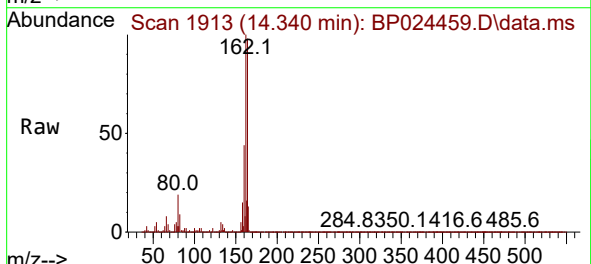
Instrument :
BNA_P
ClientSampleId :
COMP-2

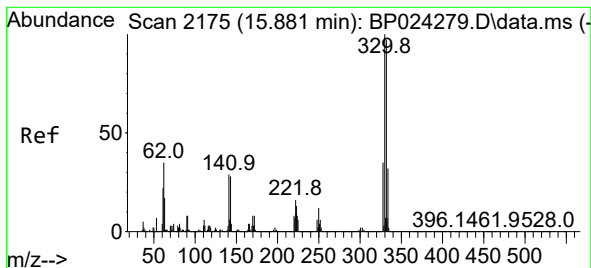
Tgt Ion: 82 Resp: 1023611
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 45.5 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

Tgt Ion:164 Resp: 409722
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.4 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 160.400 ng

RT: 15.857 min Scan# 2175

Delta R.T. -0.006 min

Lab File: BP024459.D

Acq: 29 Apr 2025 14:38

Instrument :

BNA_P

ClientSampleId :

COMP-2

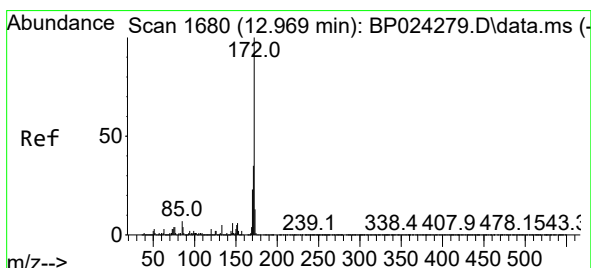
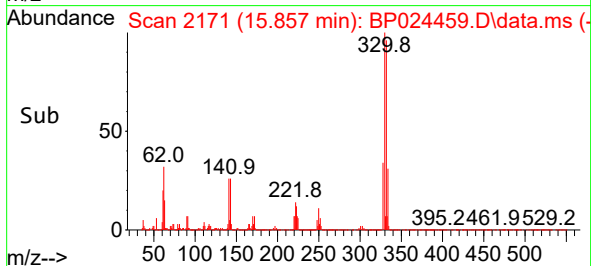
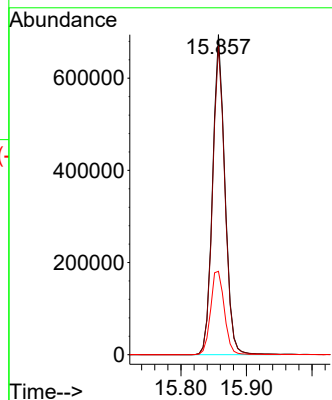
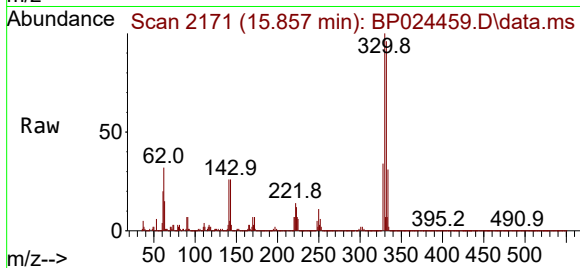
Tgt Ion:330 Resp: 909265

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

141 29.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 84.720 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024459.D

Acq: 29 Apr 2025 14:38

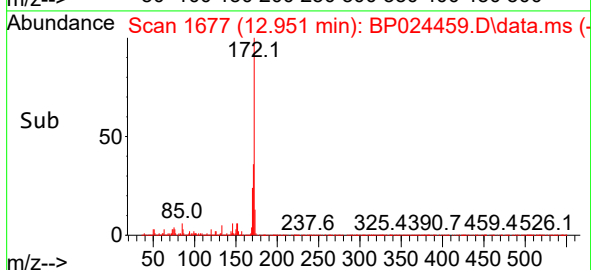
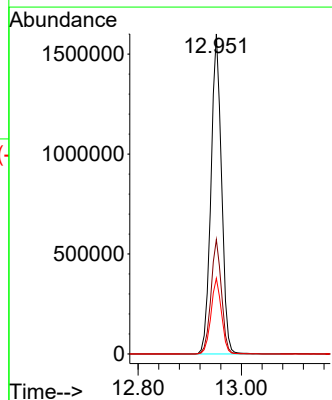
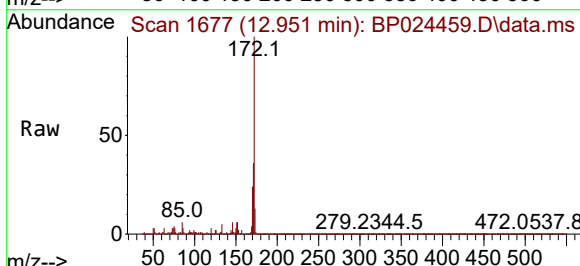
Tgt Ion:172 Resp: 2267082

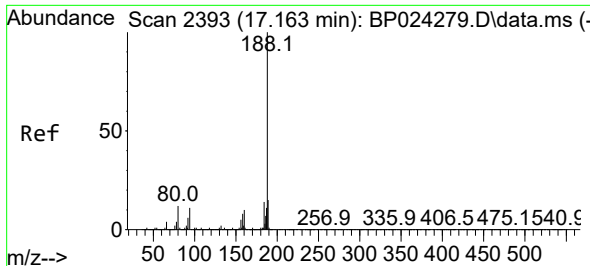
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

170 23.7 18.6 27.8

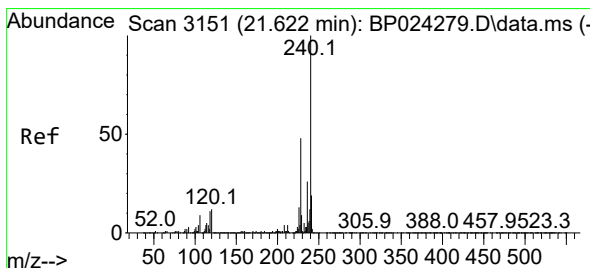
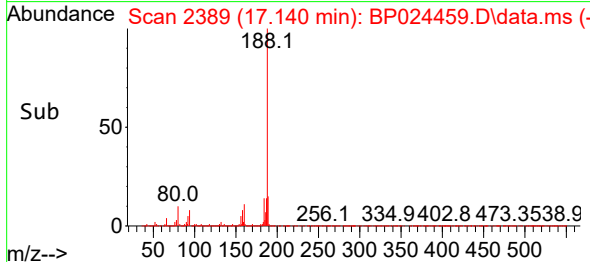
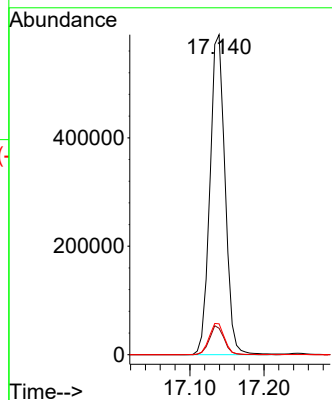
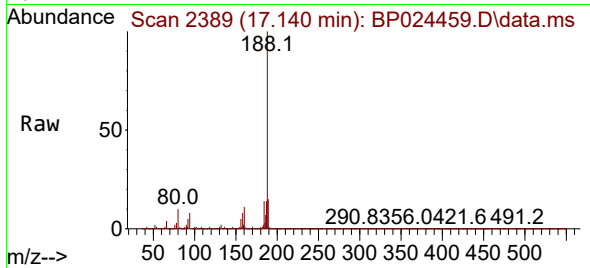




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.140 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

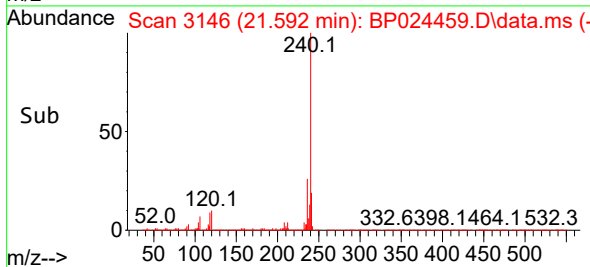
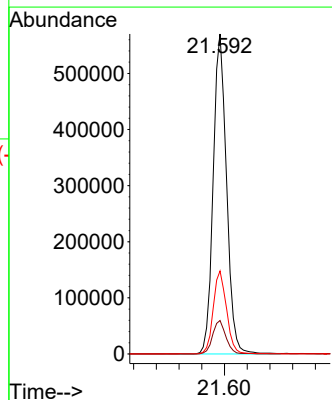
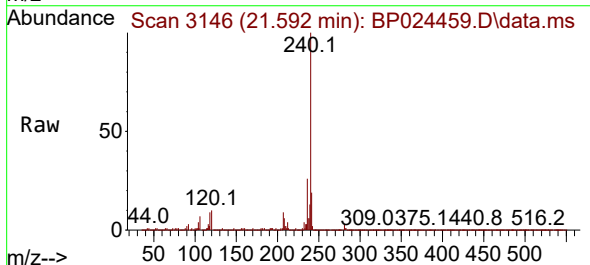
Instrument :
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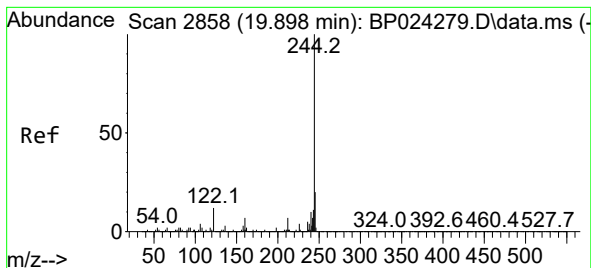
Tgt Ion:188 Resp: 836329
Ion Ratio Lower Upper
188 100
94 8.2 8.6 13.0#
80 9.7 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024459.D
Acq: 29 Apr 2025 14:38

Tgt Ion:240 Resp: 927902
Ion Ratio Lower Upper
240 100
120 10.4 9.8 14.8
236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 91.406 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024459.D

Acq: 29 Apr 2025 14:38

Instrument :

BNA_P

ClientSampleId :

COMP-2

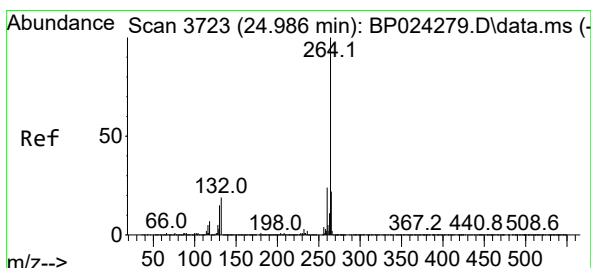
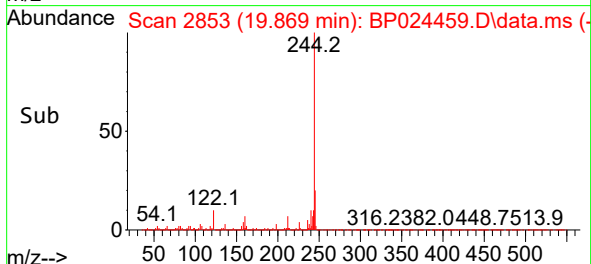
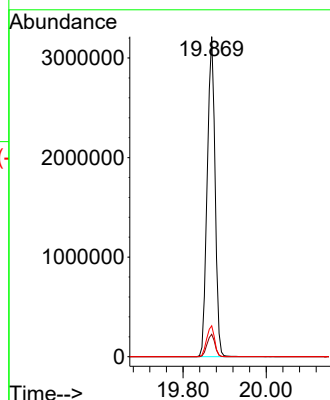
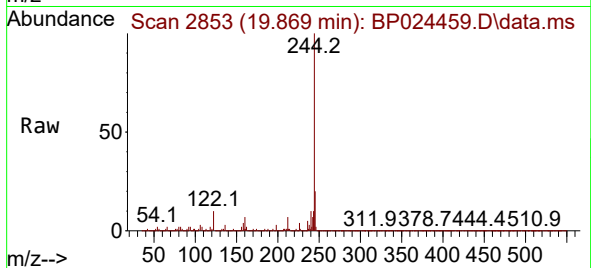
Tgt Ion:244 Resp: 4207892

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.6 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.012 min

Lab File: BP024459.D

Acq: 29 Apr 2025 14:38

Tgt Ion:264 Resp: 1040268

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.9 17.8 26.6

