

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042925\
 Data File : BP024460.D
 Acq On : 29 Apr 2025 15:19
 Operator : RC/JU
 Sample : Q1895-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-3

Quant Time: Apr 29 16:01:17 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	7.710	152	152239	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	584127	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	355281	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	737171	20.000	ng	0.00
76) Chrysene-d12	21.592	240	898116	20.000	ng	0.00
86) Perylene-d12	24.945	264	1081628	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1192863	129.556	ng	0.00
7) Phenol-d6	6.905	99	1422019	112.792	ng	0.00
23) Nitrobenzene-d5	8.857	82	921492	89.954	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	821104	167.044	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2055247	88.572	ng	0.00
79) Terphenyl-d14	19.880	244	3971751	89.138	ng	0.00

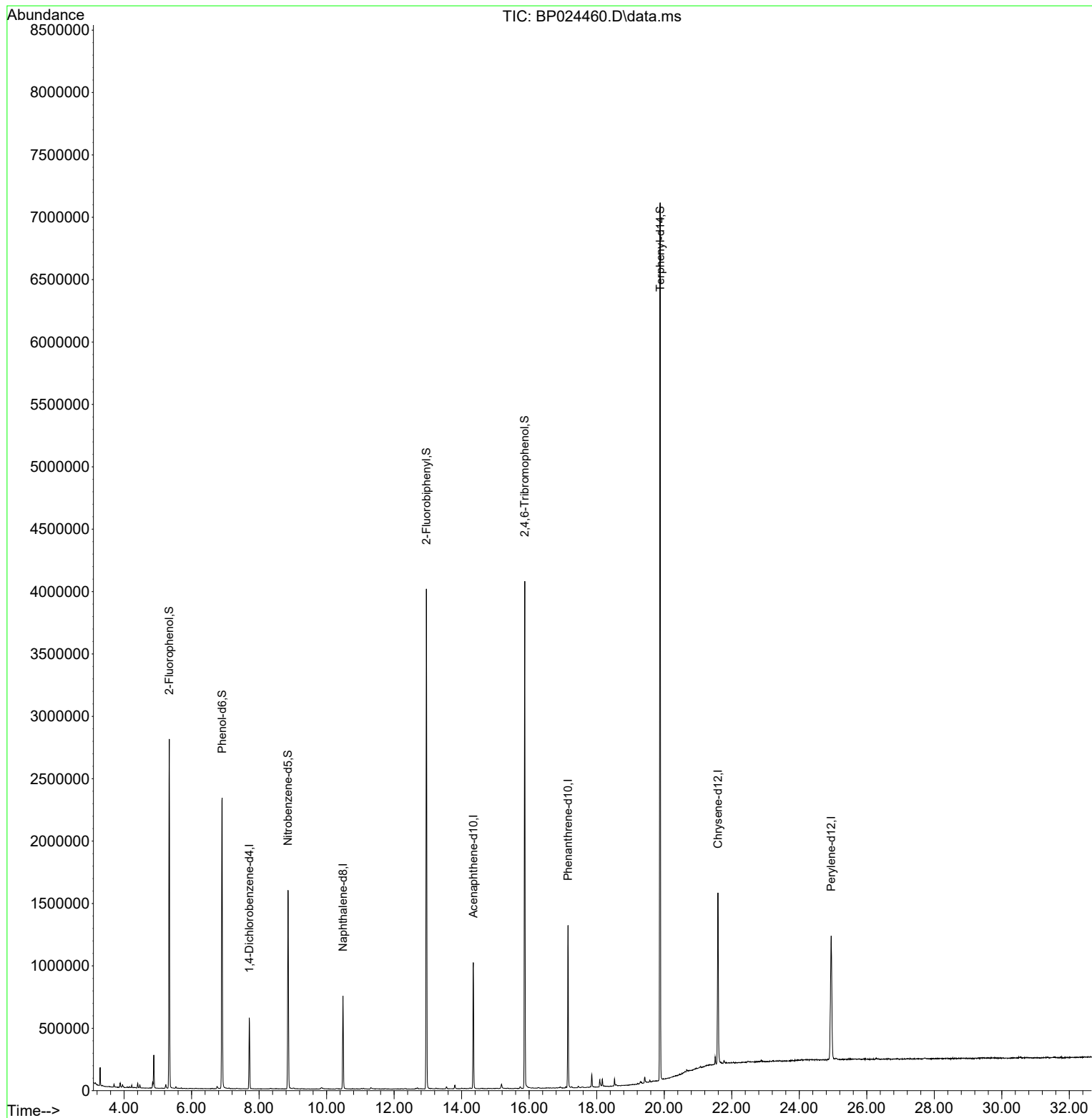
Target Compounds	Qvalue

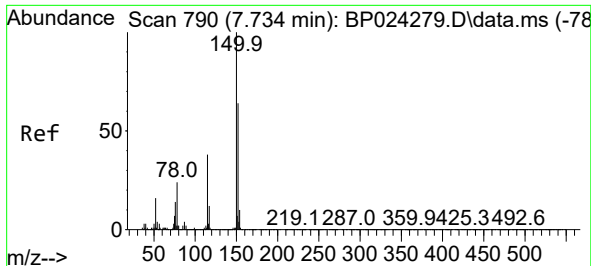
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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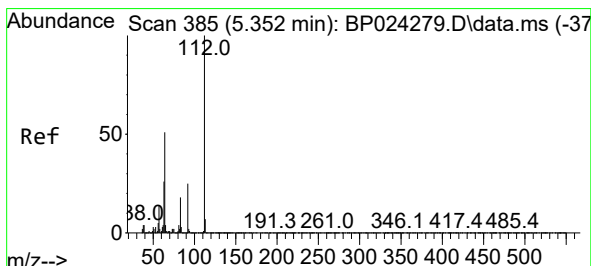
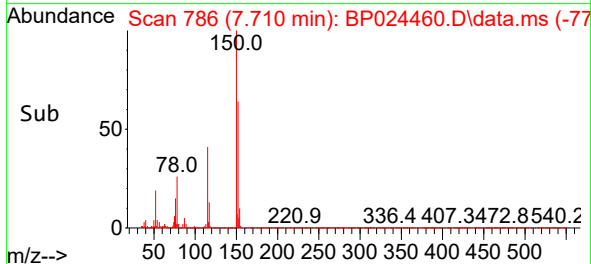
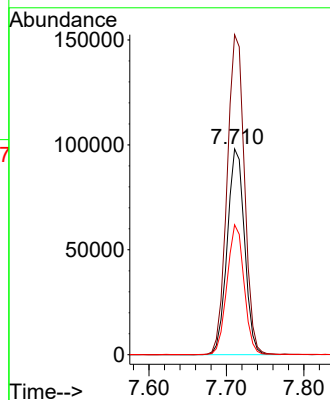
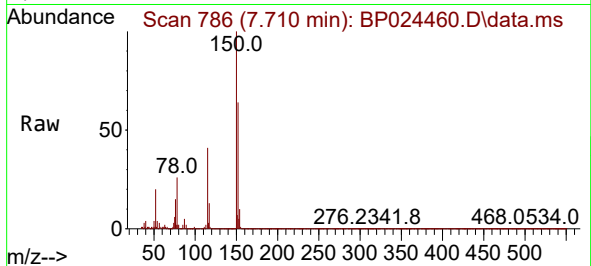




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

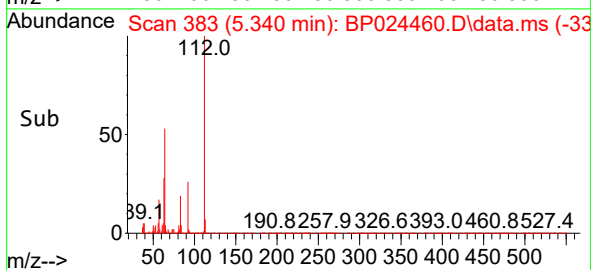
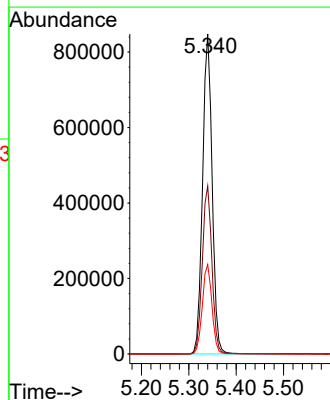
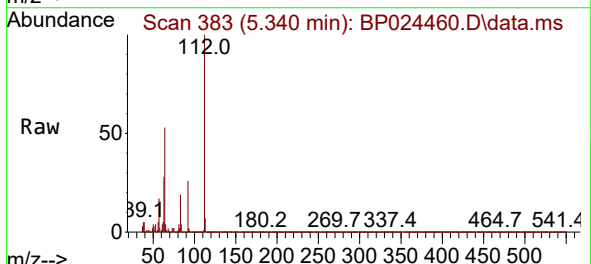
Instrument :
BNA_P
ClientSampleId :
COMP-3

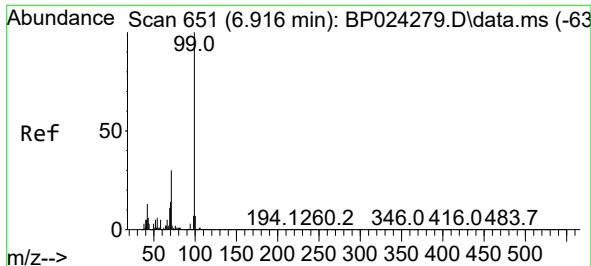
Tgt Ion:152 Resp: 152239
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 63.1 47.7 71.5



#5
2-Fluorophenol
Concen: 129.556 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

Tgt Ion:112 Resp: 1192863
Ion Ratio Lower Upper
112 100
64 52.5 41.1 61.7
63 28.0 20.6 30.8

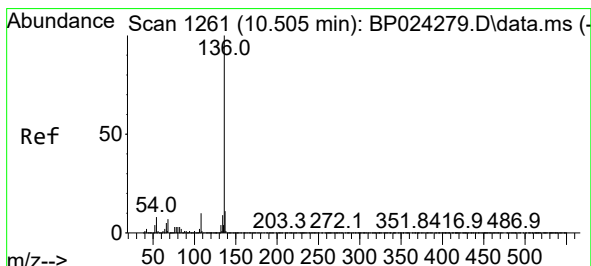
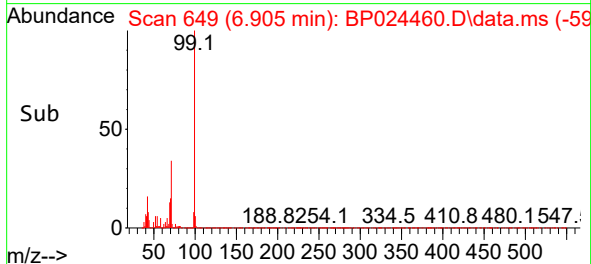
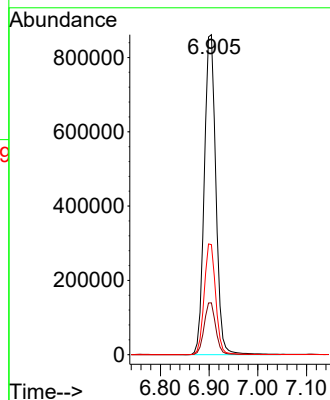
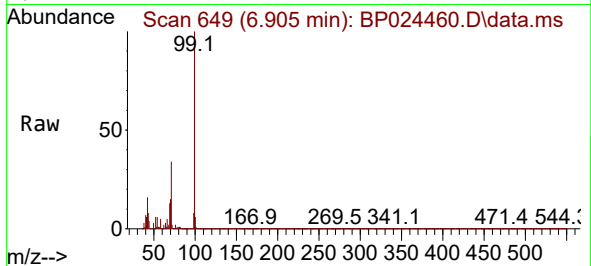




#7
Phenol-d6
Concen: 112.792 ng
RT: 6.905 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

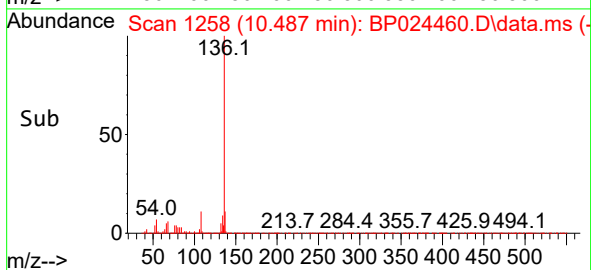
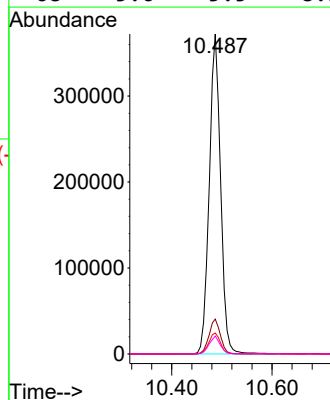
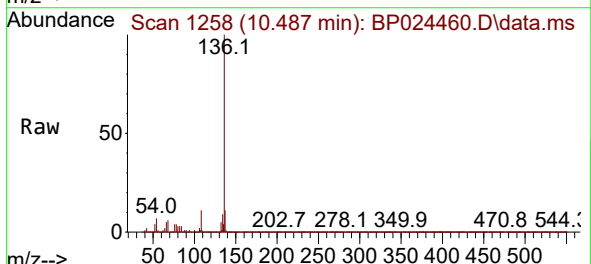
Instrument :
BNA_P
ClientSampleId :
COMP-3

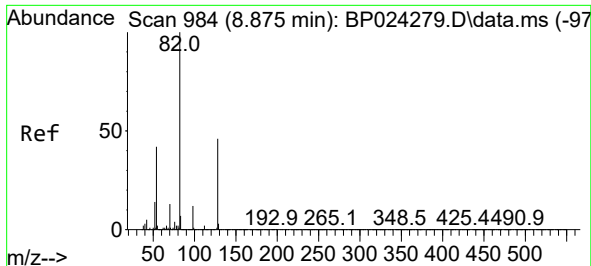
Tgt Ion: 99 Resp: 1422019
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

Tgt Ion: 136 Resp: 584127
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.5 6.0 9.0
68 5.6 5.5 8.3

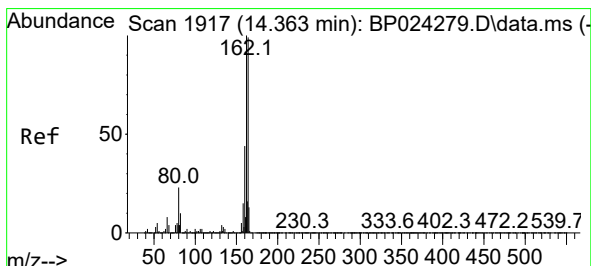
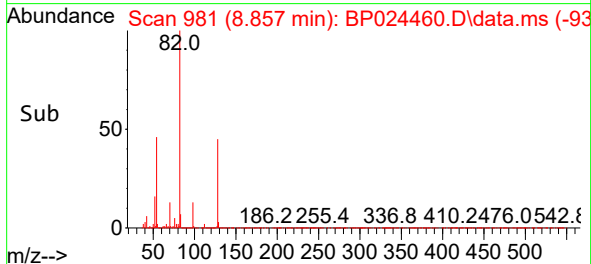
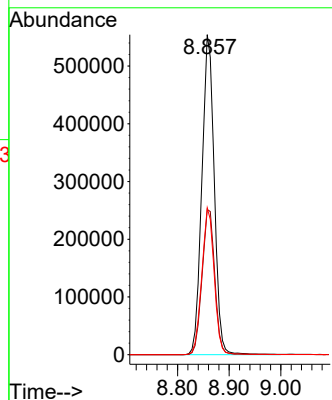
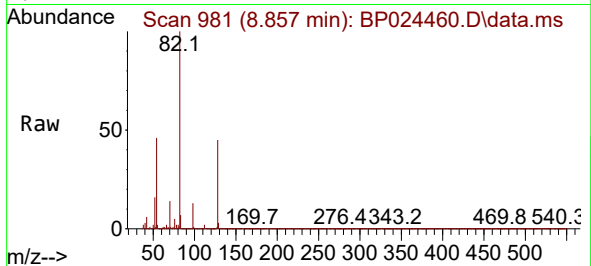




#23
Nitrobenzene-d5
Concen: 89.954 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

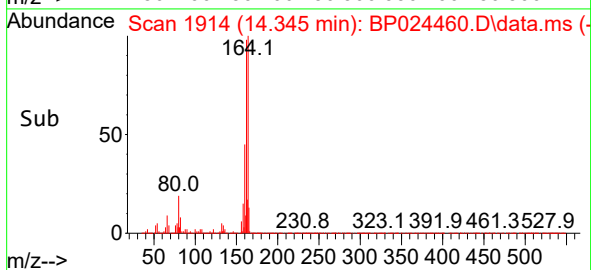
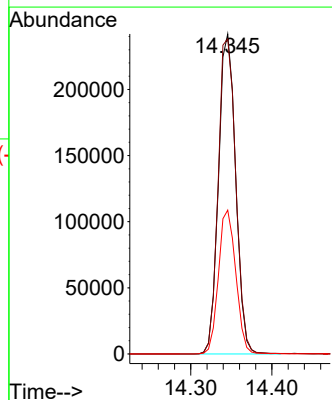
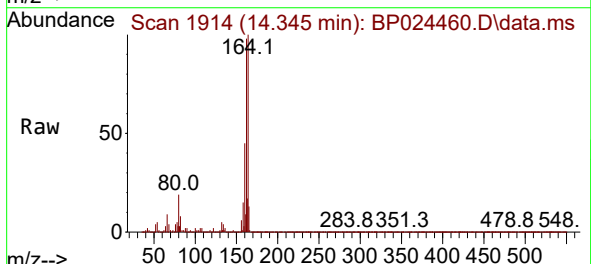
Instrument :
BNA_P
ClientSampleId :
COMP-3

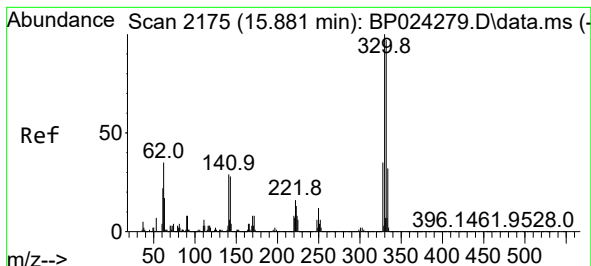
Tgt Ion: 82 Resp: 921492
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 45.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024460.D
Acq: 29 Apr 2025 15:19

Tgt Ion:164 Resp: 355281
Ion Ratio Lower Upper
164 100
162 98.5 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 167.044 ng

RT: 15.869 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BP024460.D

Acq: 29 Apr 2025 15:19

Instrument :

BNA_P

ClientSampleId :

COMP-3

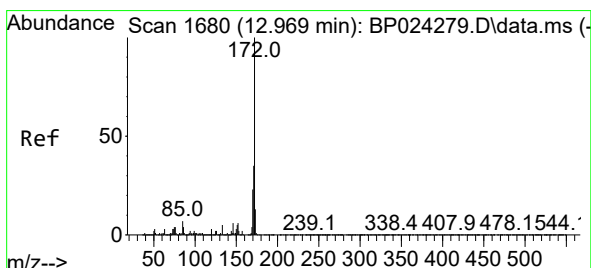
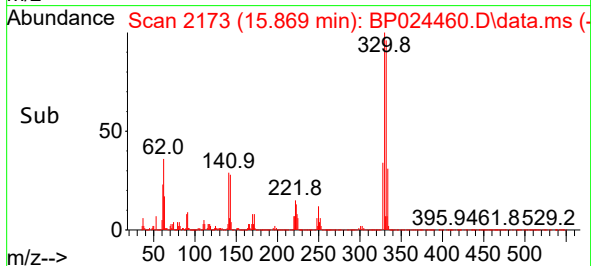
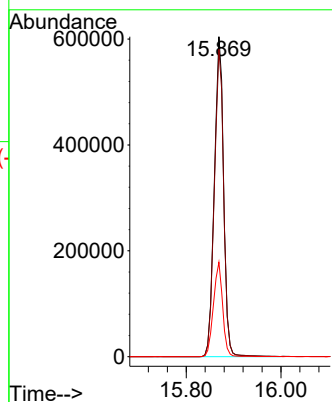
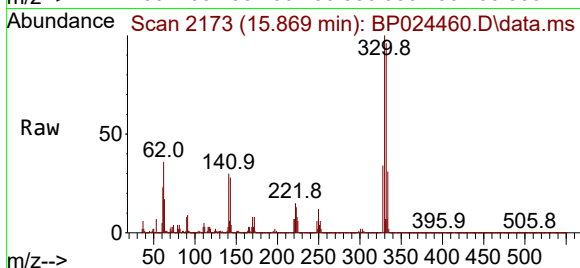
Tgt Ion:330 Resp: 821104

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 29.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 88.572 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024460.D

Acq: 29 Apr 2025 15:19

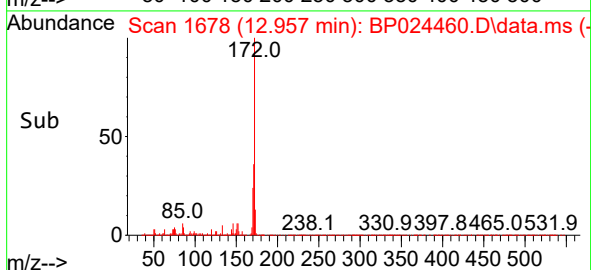
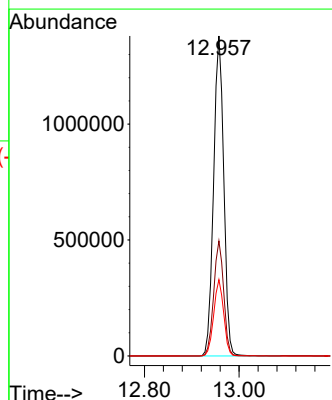
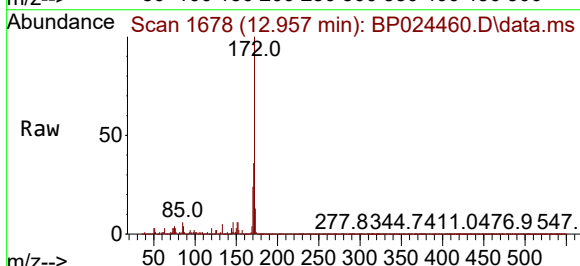
Tgt Ion:172 Resp: 2055247

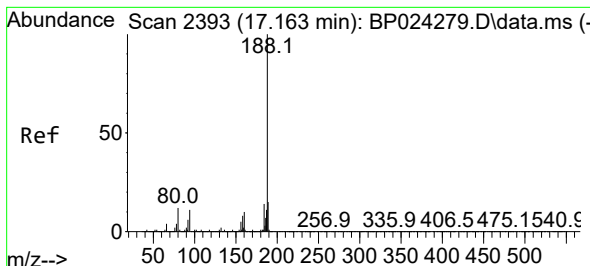
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 23.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024460.D

Acq: 29 Apr 2025 15:19

Instrument :

BNA_P

ClientSampleId :

COMP-3

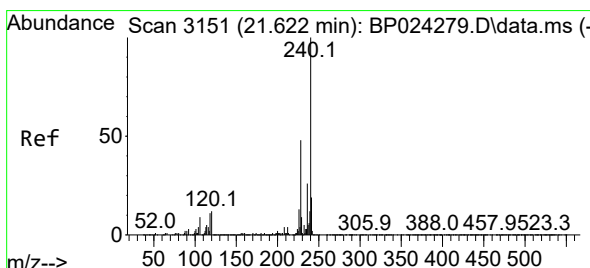
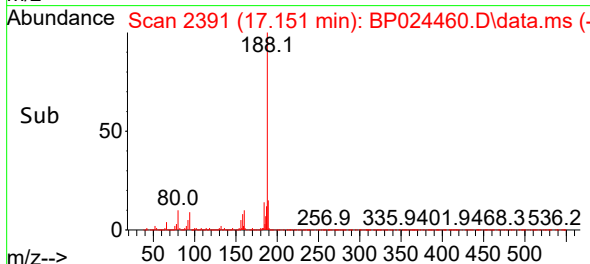
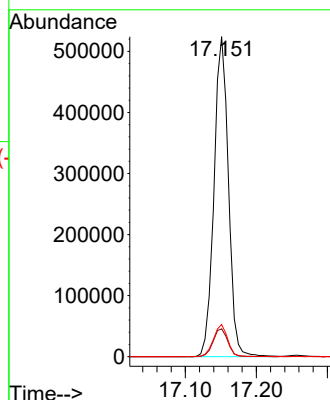
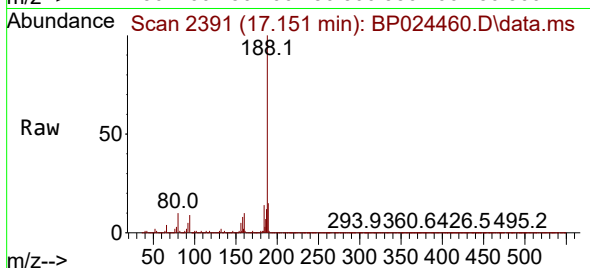
Tgt Ion:188 Resp: 737171

Ion Ratio Lower Upper

188 100

94 8.7 8.6 13.0

80 10.1 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: BP024460.D

Acq: 29 Apr 2025 15:19

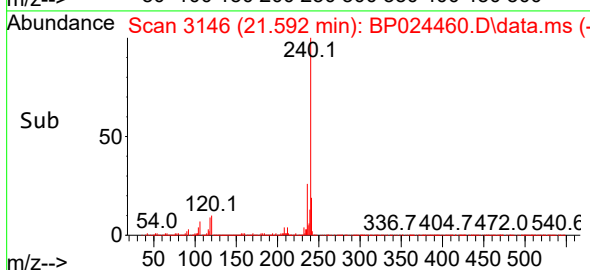
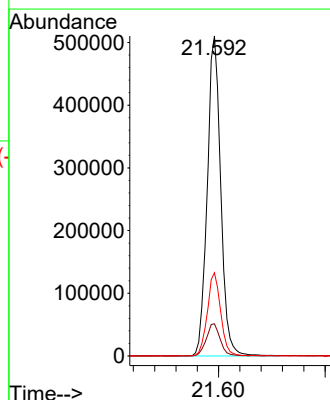
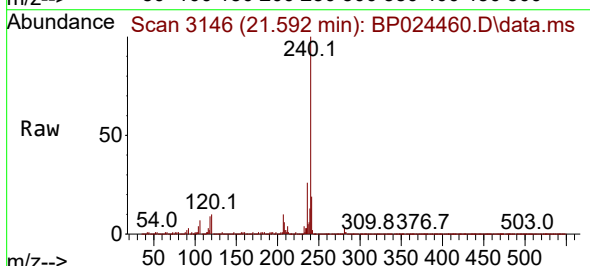
Tgt Ion:240 Resp: 898116

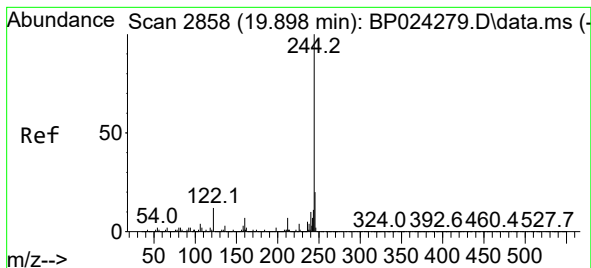
Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 89.138 ng

RT: 19.880 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024460.D

Acq: 29 Apr 2025 15:19

Instrument :

BNA_P

ClientSampleId :

COMP-3

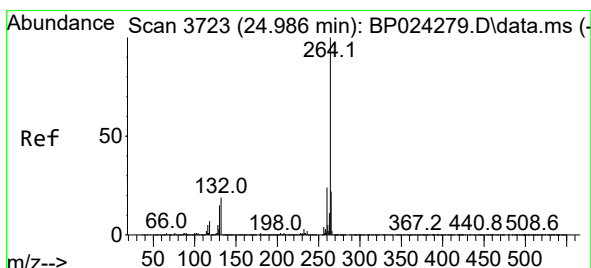
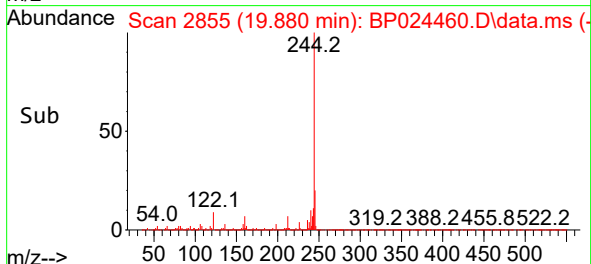
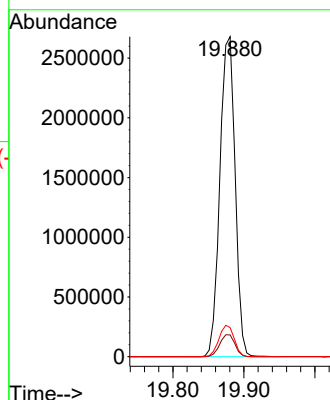
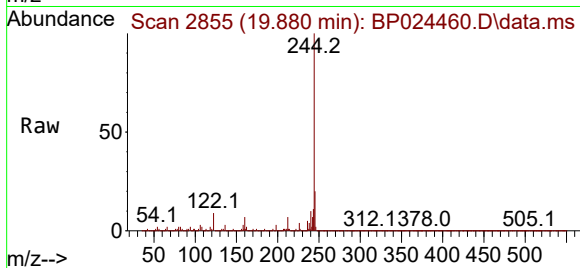
Tgt Ion:244 Resp: 3971751

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.1 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: BP024460.D

Acq: 29 Apr 2025 15:19

Tgt Ion:264 Resp: 1081628

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.7 17.8 26.6

