

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041125\
Data File : BP024272.D
Acq On : 11 Apr 2025 19:04
Operator : RC/JU
Sample : Q1752-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Time: Apr 11 22:53:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 10 11:43:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	252055	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	976150	20.000	ng	-0.01
39) Acenaphthene-d10	14.375	164	571323	20.000	ng	-0.02
64) Phenanthrene-d10	17.175	188	1139100	20.000	ng	-0.02
76) Chrysene-d12	21.616	240	1216526	20.000	ng	-0.03
86) Perylene-d12	24.980	264	1319988	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	2304749	145.961	ng	0.00
7) Phenol-d6	6.922	99	2666499	126.282	ng	0.00
23) Nitrobenzene-d5	8.887	82	1898717	109.745	ng	0.00
42) 2,4,6-Tribromophenol	15.892	330	1325462	184.180	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	3948276	101.901	ng	-0.01
79) Terphenyl-d14	19.898	244	6612432	112.201	ng	-0.02

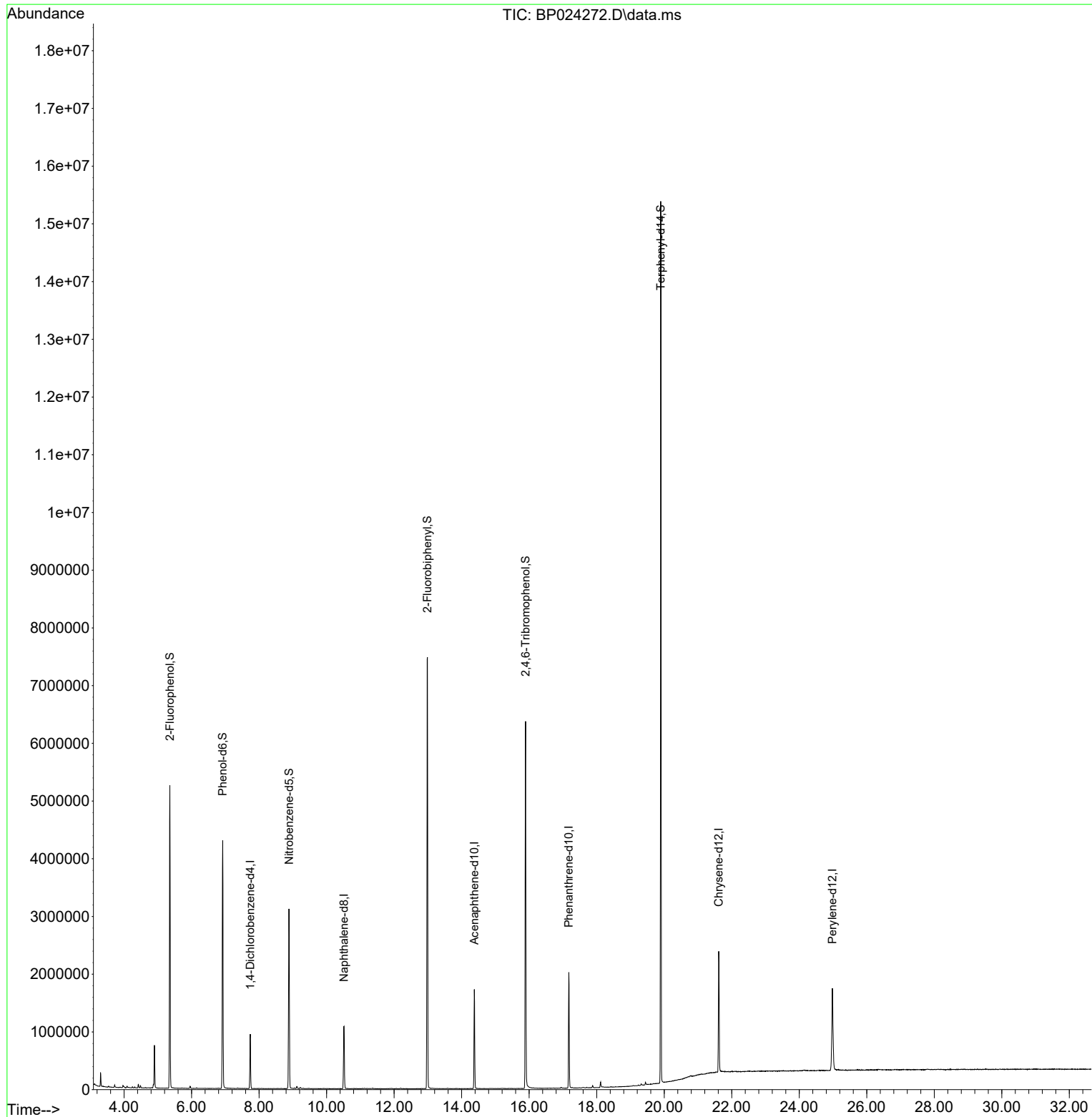
Target Compounds	Qvalue

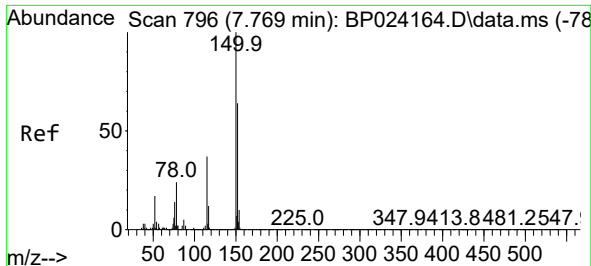
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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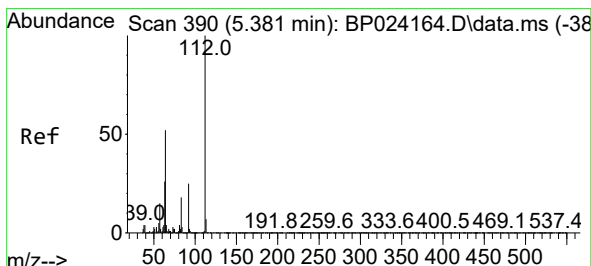
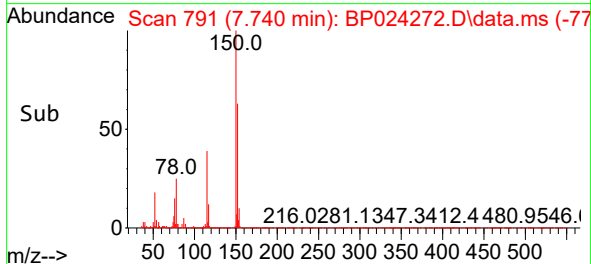
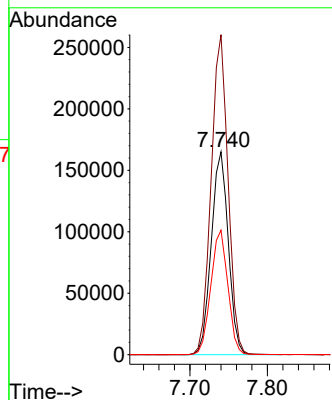
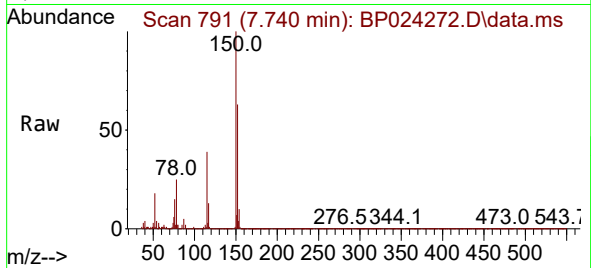




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.006 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

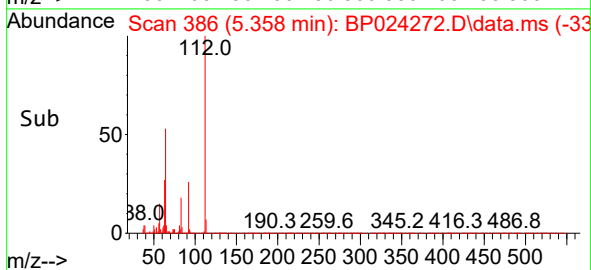
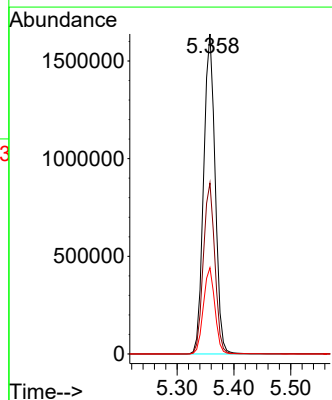
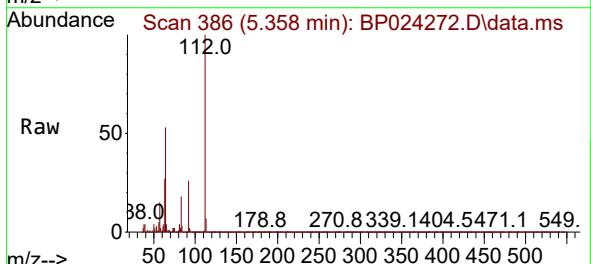
Instrument :
BNA_P
ClientSampleId :
TP-2

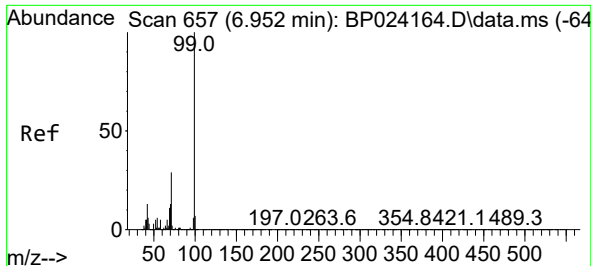
Tgt Ion:152 Resp: 252055
Ion Ratio Lower Upper
152 100
150 157.7 125.5 188.3
115 61.4 46.3 69.5



#5
2-Fluorophenol
Concen: 145.961 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

Tgt Ion:112 Resp: 2304749
Ion Ratio Lower Upper
112 100
64 53.4 41.3 61.9
63 26.9 20.6 31.0

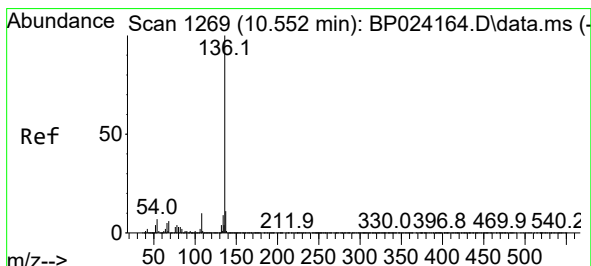
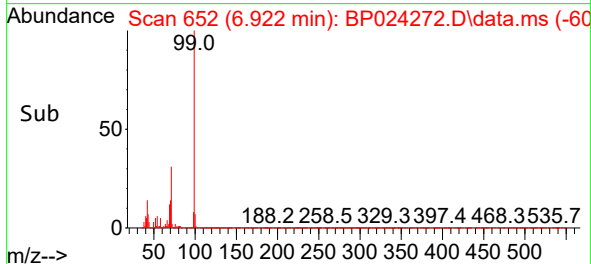
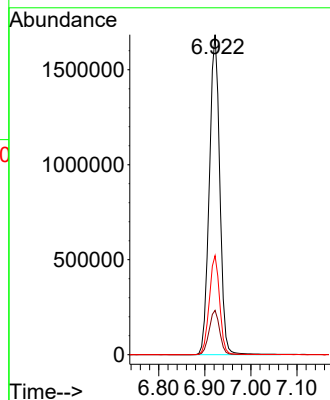
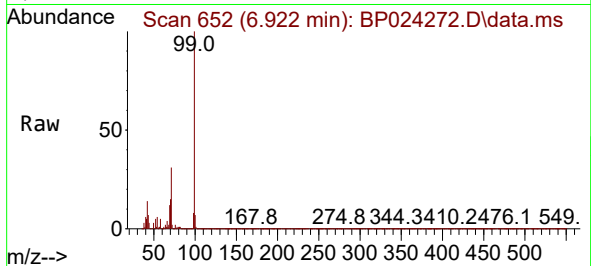




#7
Phenol-d6
Concen: 126.282 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

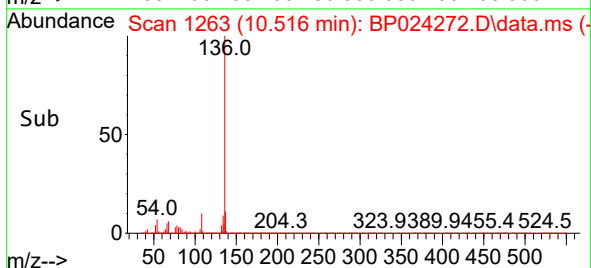
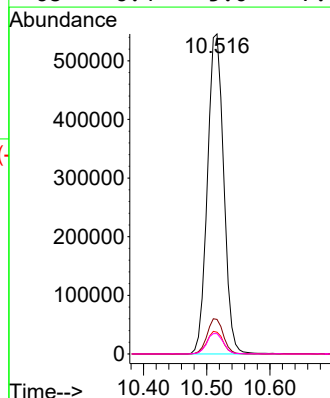
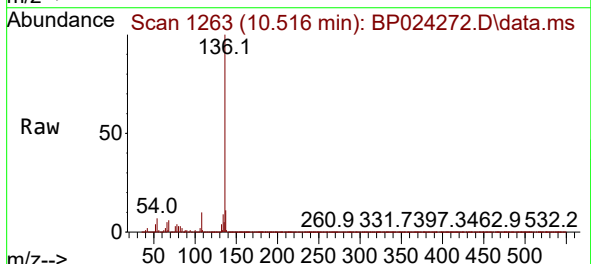
Instrument :
BNA_P
ClientSampleId :
TP-2

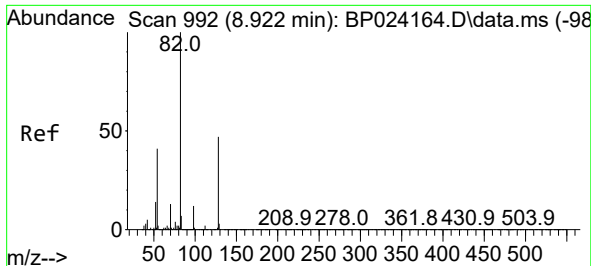
Tgt Ion: 99 Resp: 2666499
Ion Ratio Lower Upper
99 100
42 13.9 10.6 16.0
71 30.9 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.011 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

Tgt Ion: 136 Resp: 976150
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 5.3 7.9
68 6.4 5.0 7.4

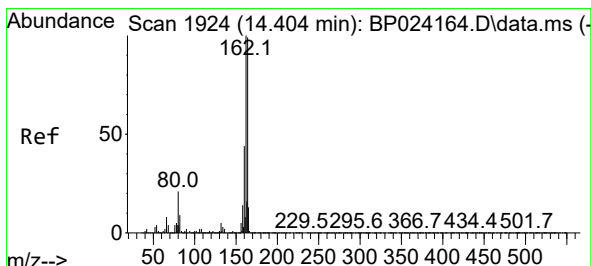
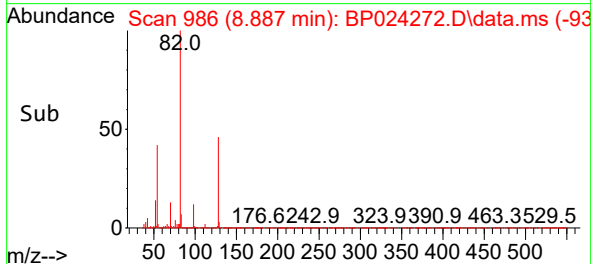
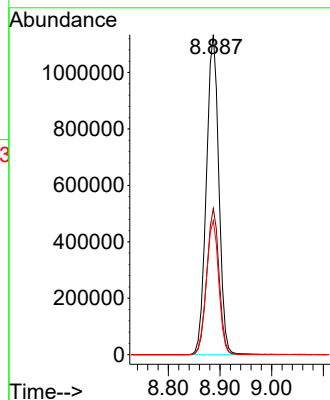
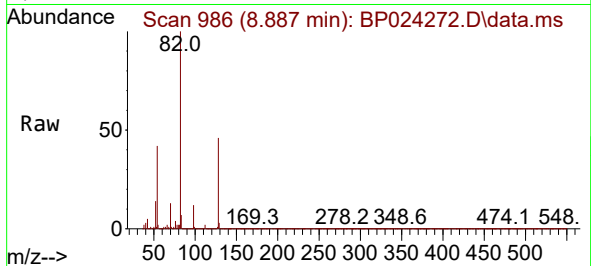




#23
 Nitrobenzene-d5
 Concen: 109.745 ng
 RT: 8.887 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024272.D
 Acq: 11 Apr 2025 19:04

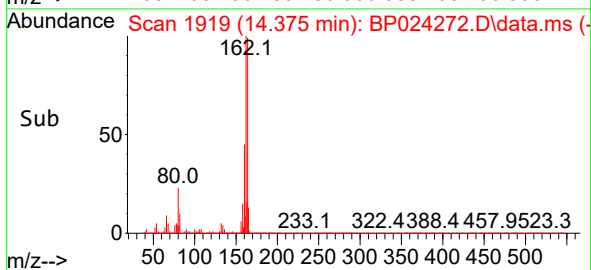
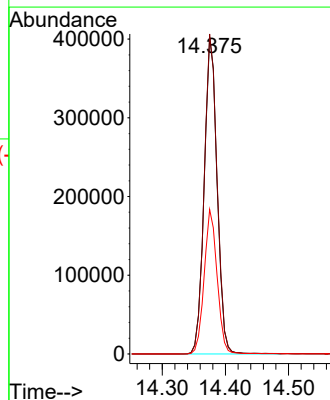
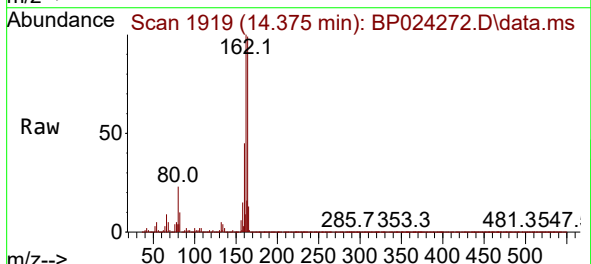
Instrument :
 BNA_P
 ClientSampleId :
 TP-2

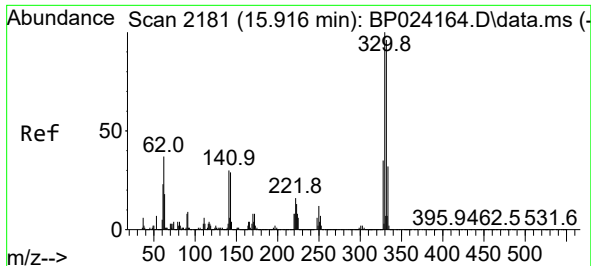
Tgt Ion: 82 Resp: 1898717
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.4 56.0
 54 41.9 32.5 48.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.375 min Scan# 1919
 Delta R.T. -0.017 min
 Lab File: BP024272.D
 Acq: 11 Apr 2025 19:04

Tgt Ion: 164 Resp: 571323
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 121.0
 160 45.6 35.4 53.2

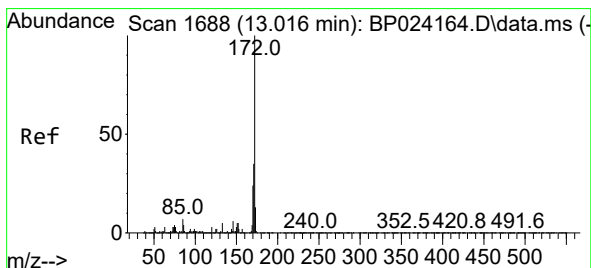
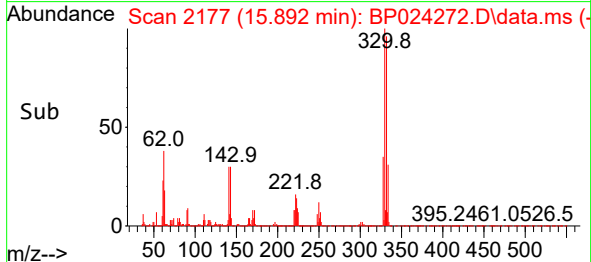
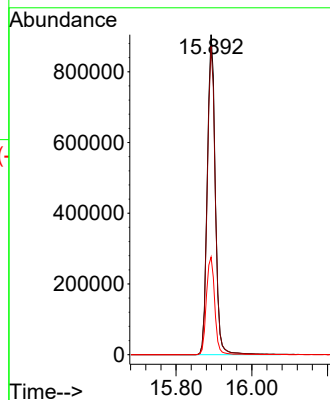
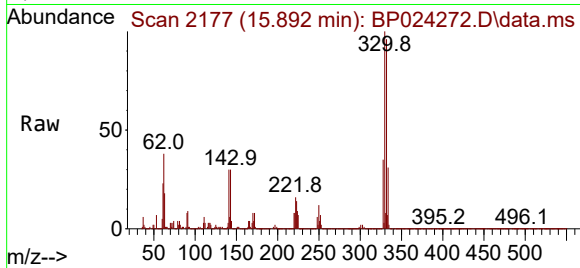




#42
2,4,6-Tribromophenol
Concen: 184.180 ng
RT: 15.892 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

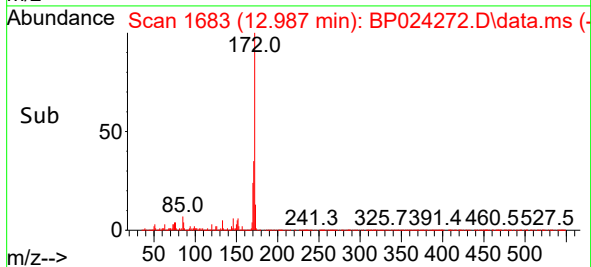
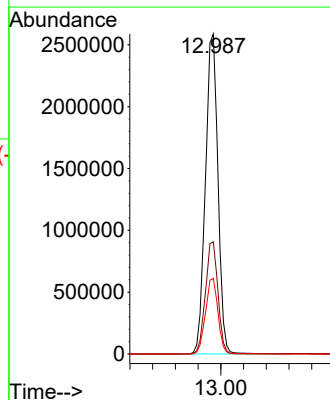
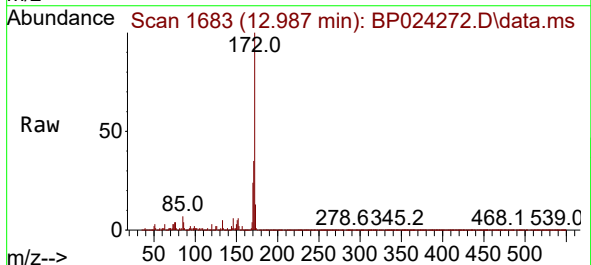
Instrument :
BNA_P
ClientSampleId :
TP-2

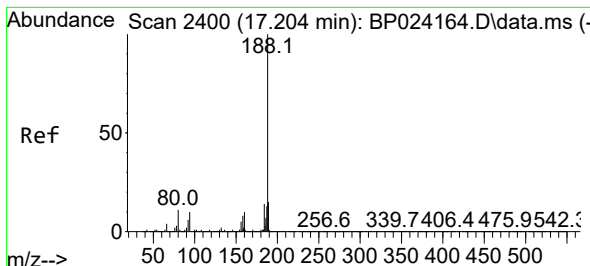
Tgt Ion:330 Resp: 1325462
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 31.8 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 101.901 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.012 min
Lab File: BP024272.D
Acq: 11 Apr 2025 19:04

Tgt Ion:172 Resp: 3948276
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP024272.D

Acq: 11 Apr 2025 19:04

Instrument :

BNA_P

ClientSampleId :

TP-2

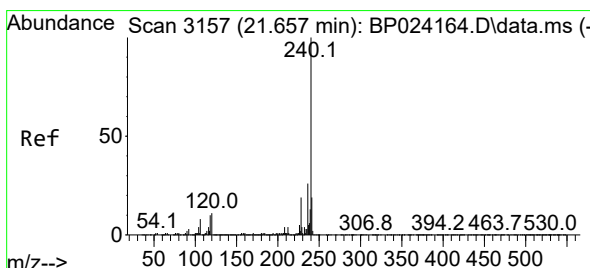
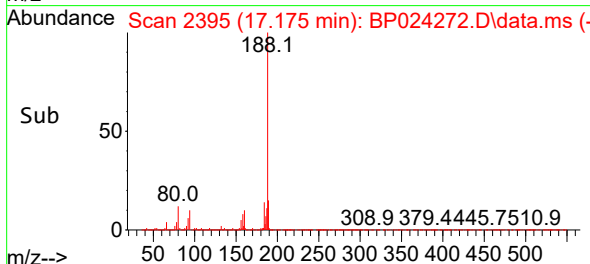
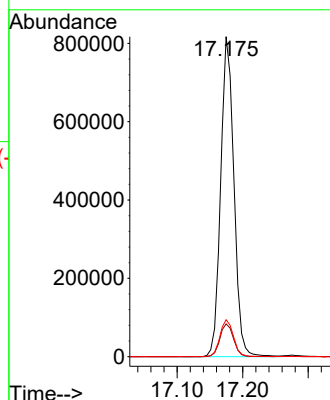
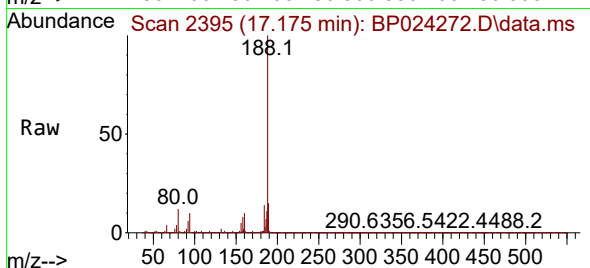
Tgt Ion:188 Resp: 1139100

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

80 11.6 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.616 min Scan# 3150

Delta R.T. -0.029 min

Lab File: BP024272.D

Acq: 11 Apr 2025 19:04

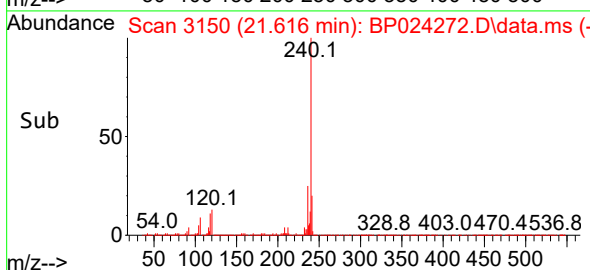
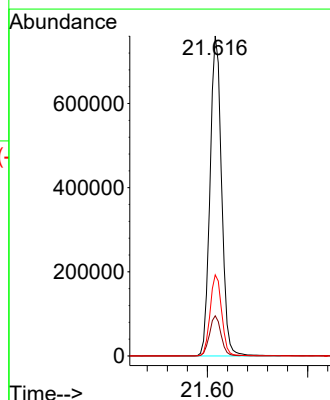
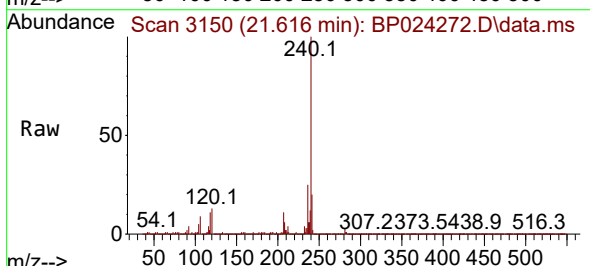
Tgt Ion:240 Resp: 1216526

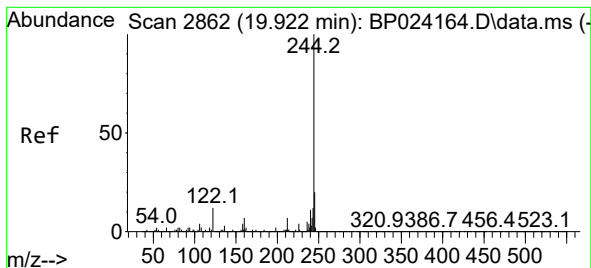
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 112.201 ng

RT: 19.898 min Scan# 2858

Delta R.T. -0.017 min

Lab File: BP024272.D

Acq: 11 Apr 2025 19:04

Instrument :

BNA_P

ClientSampleId :

TP-2

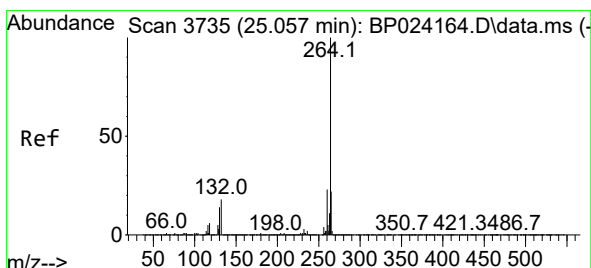
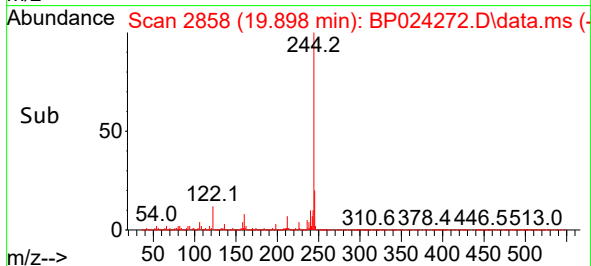
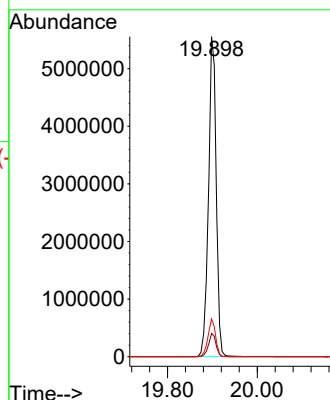
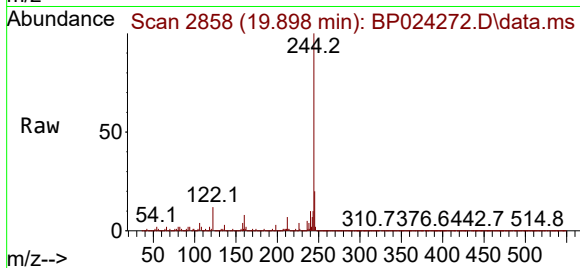
Tgt Ion:244 Resp: 6612432

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.8 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.980 min Scan# 3722

Delta R.T. -0.029 min

Lab File: BP024272.D

Acq: 11 Apr 2025 19:04

Tgt Ion:264 Resp: 1319988

Ion Ratio Lower Upper

264 100

260 23.6 18.5 27.7

265 21.9 17.7 26.5

