

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042825\
Data File : BP024443.D
Acq On : 28 Apr 2025 19:04
Operator : RC/JU
Sample : Q1892-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-H

Quant Time: Apr 29 01:24:36 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	142412	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	566095	20.000	ng	# 0.00
39) Acenaphthene-d10	14.351	164	373482	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	791411	20.000	ng	0.00
76) Chrysene-d12	21.592	240	910326	20.000	ng	0.00
86) Perylene-d12	24.933	264	1066099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	701321	81.426	ng	0.00
7) Phenol-d6	6.904	99	880922	74.695	ng	0.00
23) Nitrobenzene-d5	8.863	82	525021	52.884	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	558705	108.123	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1205232	49.409	ng	0.00
79) Terphenyl-d14	19.868	244	2313831	51.233	ng	0.00

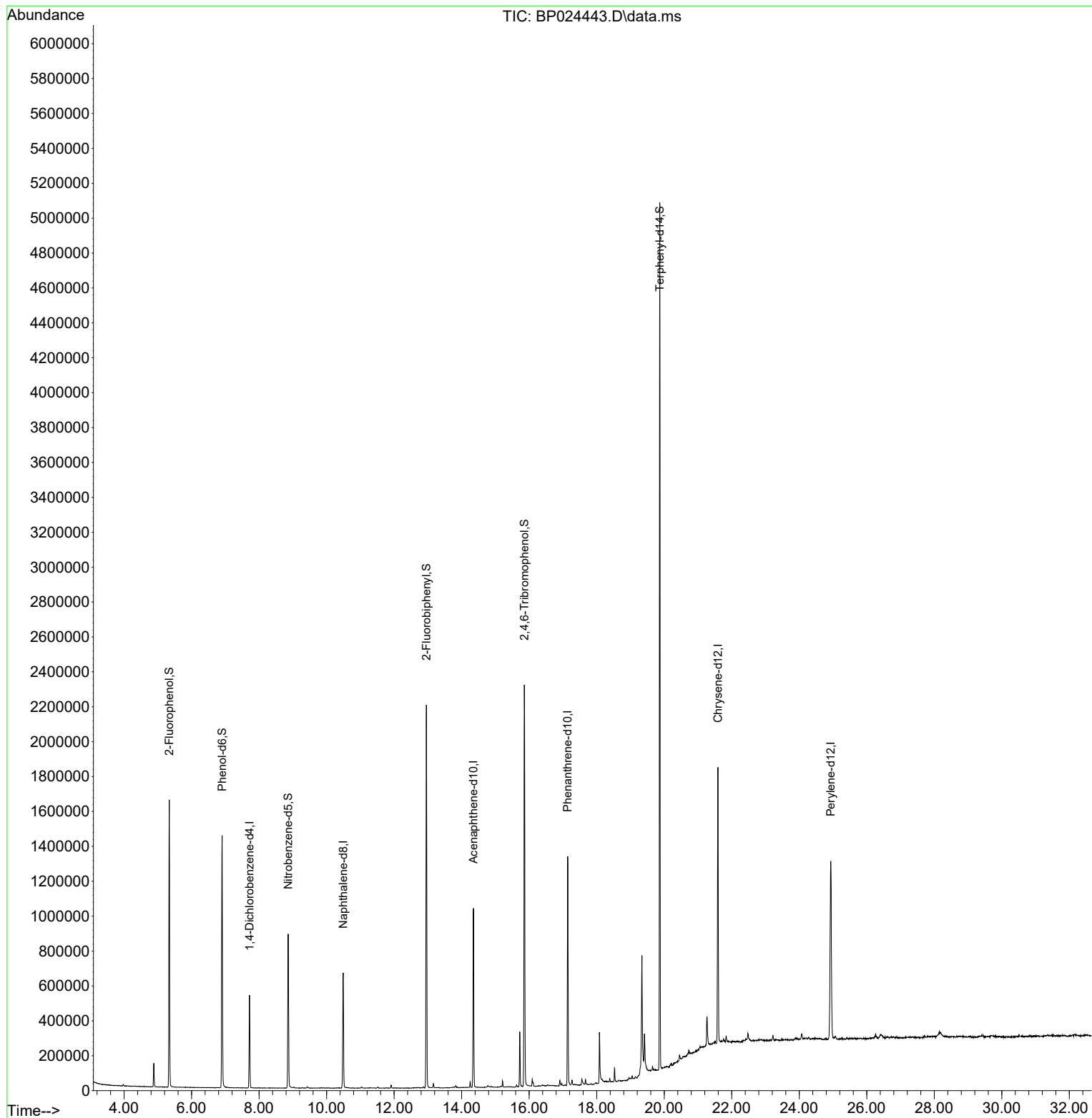
Target Compounds	Qvalue

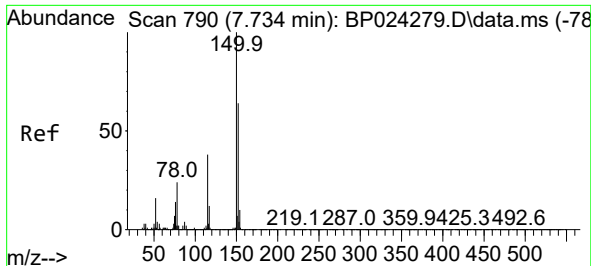
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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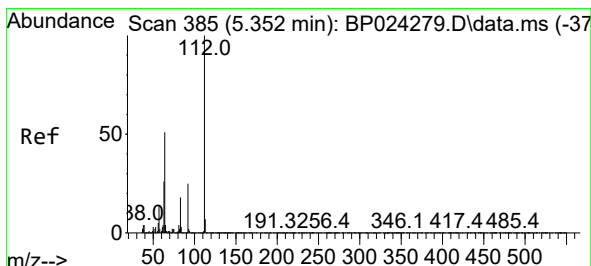
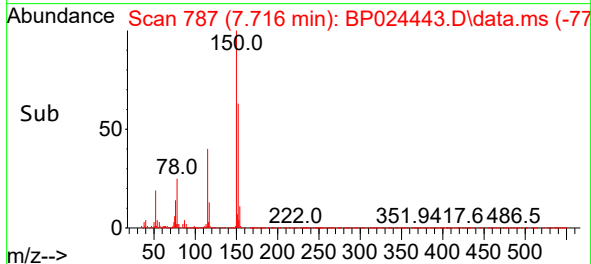
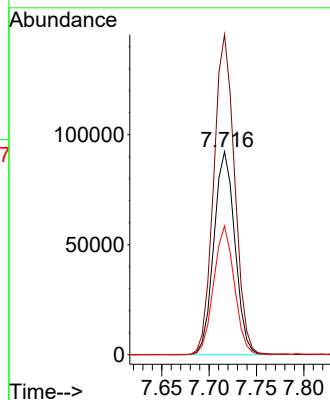
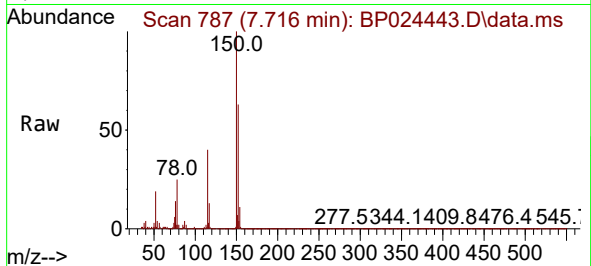




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

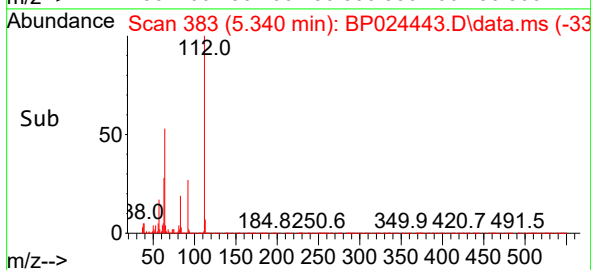
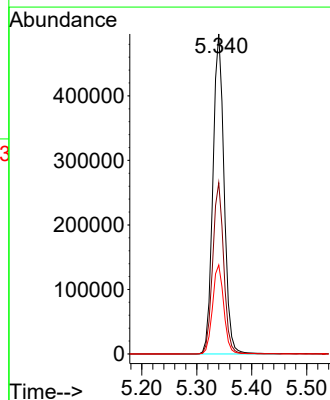
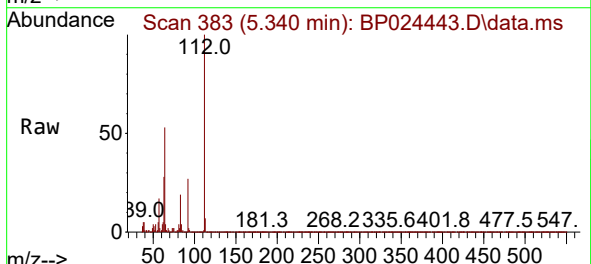
Instrument :
BNA_P
ClientSampleId :
MH-H

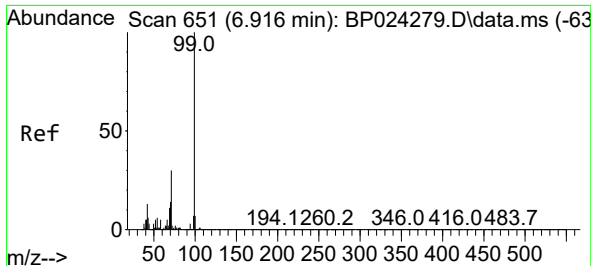
Tgt Ion:152 Resp: 142412
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 63.3 47.7 71.5



#5
2-Fluorophenol
Concen: 81.426 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

Tgt Ion:112 Resp: 701321
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 27.8 20.6 30.8

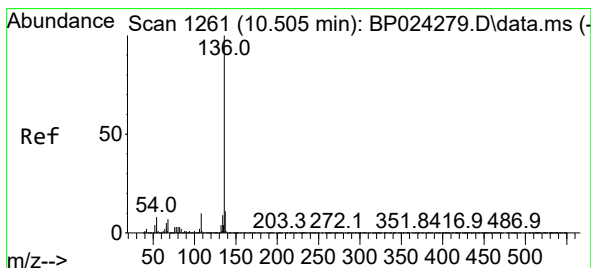
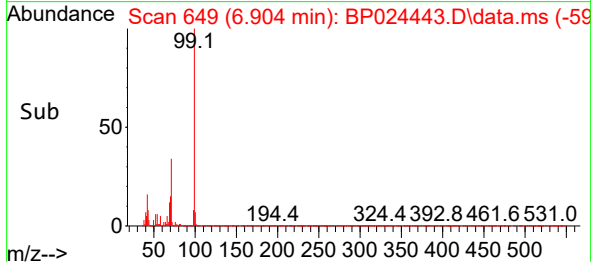
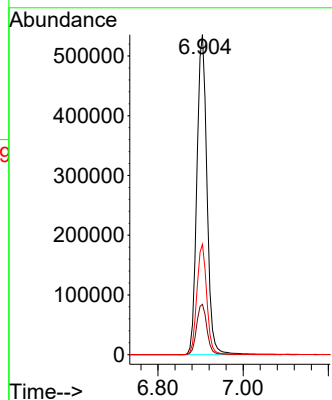
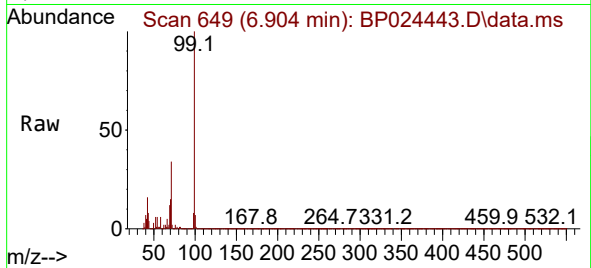




#7
Phenol-d6
Concen: 74.695 ng
RT: 6.904 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

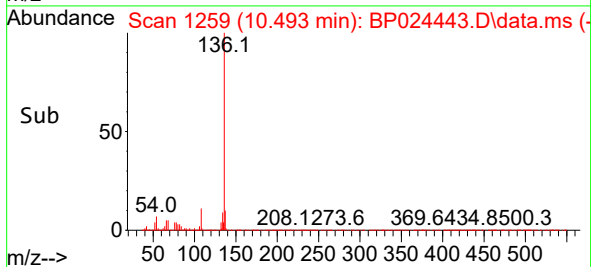
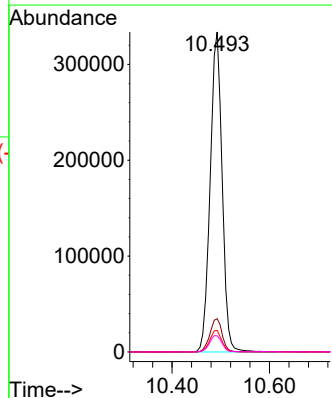
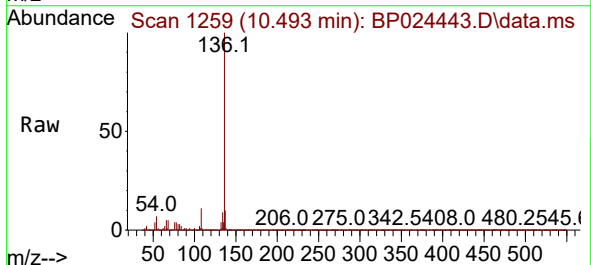
Instrument :
BNA_P
ClientSampleId :
MH-H

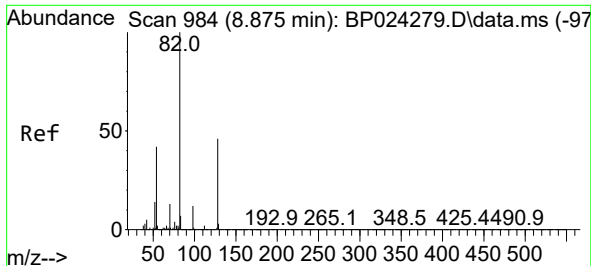
Tgt Ion: 99 Resp: 880922
Ion Ratio Lower Upper
99 100
42 15.7 10.6 16.0
71 34.5 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

Tgt Ion: 136 Resp: 566095
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 6.8 6.0 9.0
68 5.1 5.5 8.3

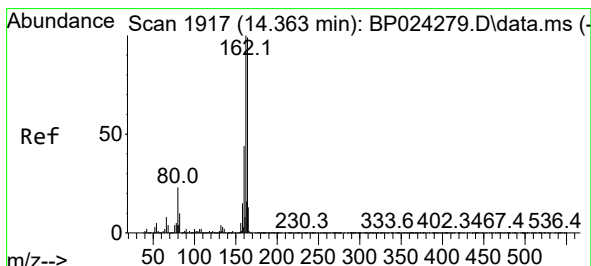
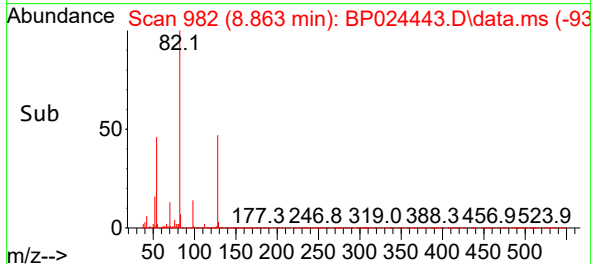
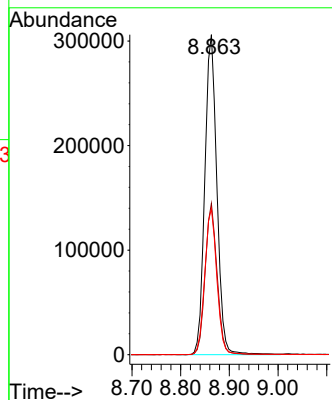
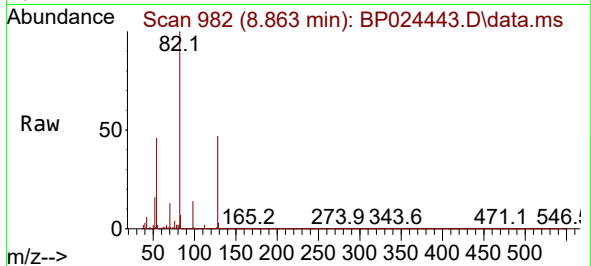




#23
Nitrobenzene-d5
Concen: 52.884 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

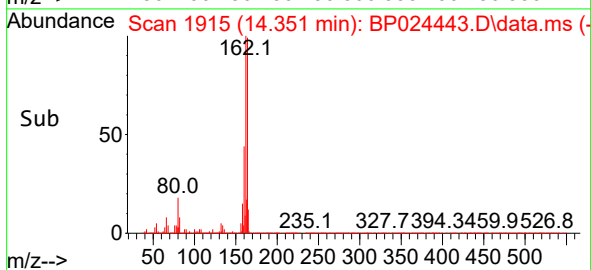
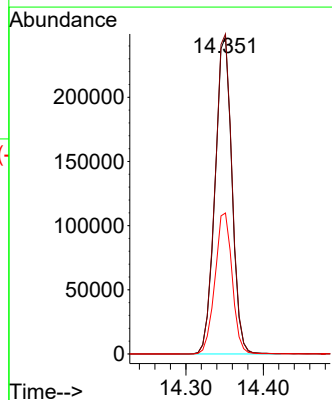
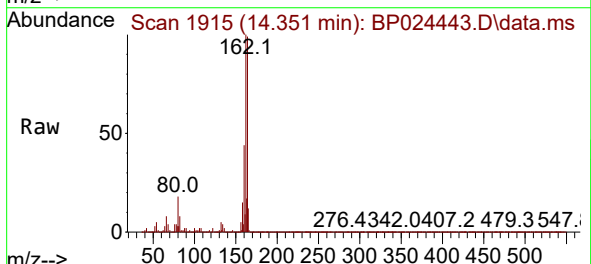
Instrument :
BNA_P
ClientSampleId :
MH-H

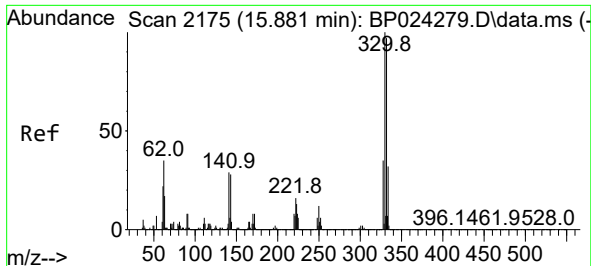
Tgt Ion: 82 Resp: 525021
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 45.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

Tgt Ion:164 Resp: 373482
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 44.4 35.3 52.9

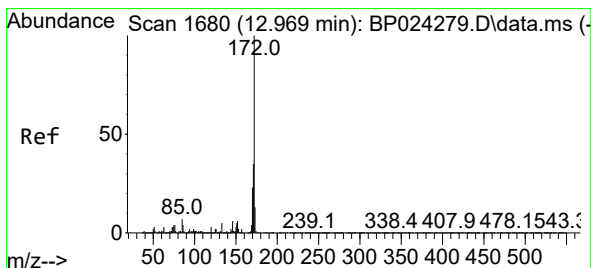
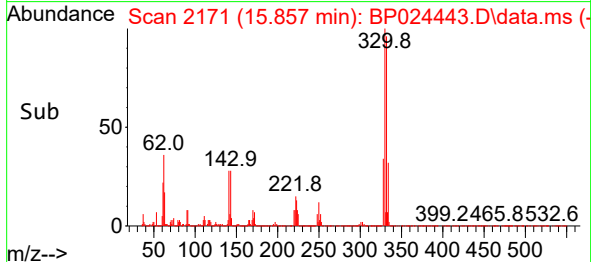
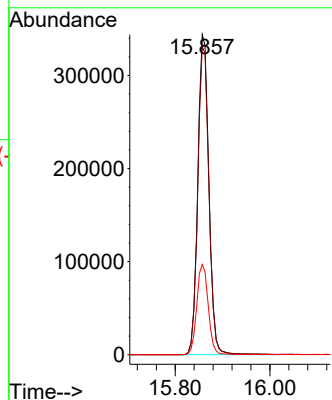
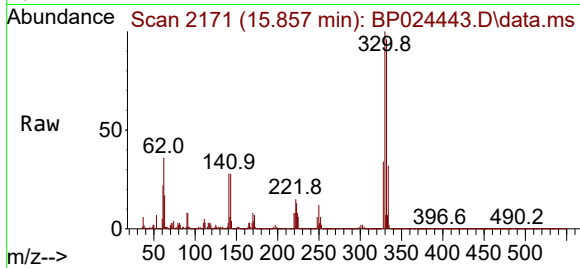




#42
2,4,6-Tribromophenol
Concen: 108.123 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

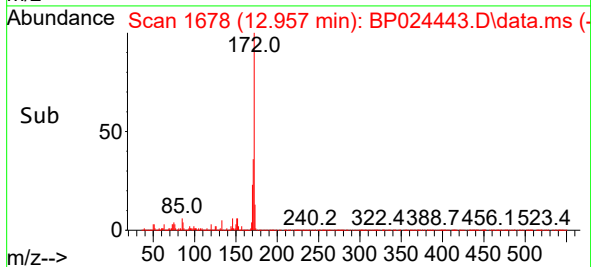
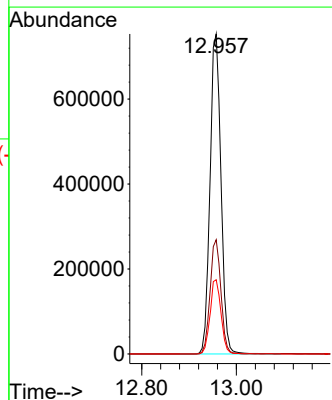
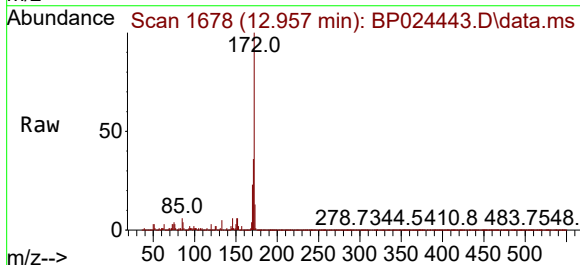
Instrument :
BNA_P
ClientSampleId :
MH-H

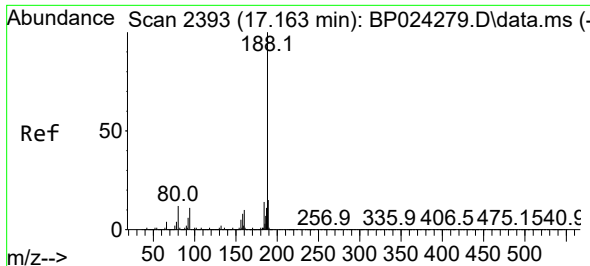
Tgt Ion:330 Resp: 558705
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 29.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 49.409 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

Tgt Ion:172 Resp: 1205232
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 23.2 18.6 27.8

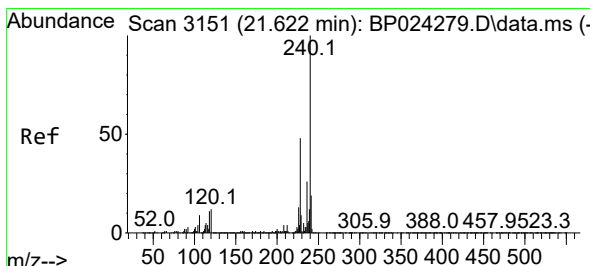
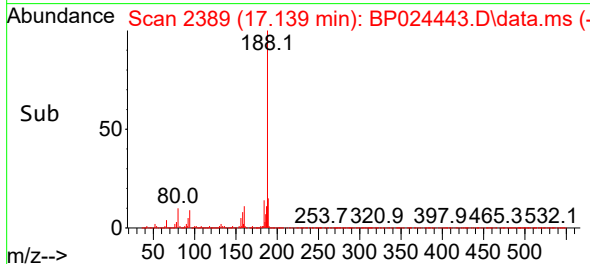
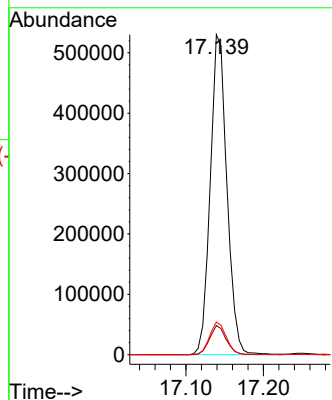
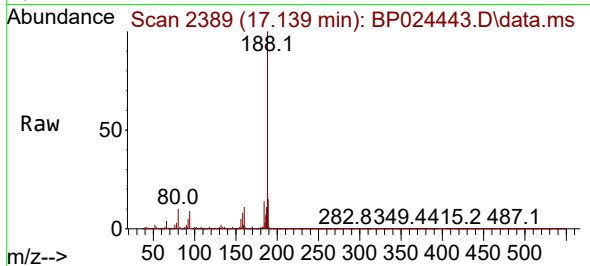




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

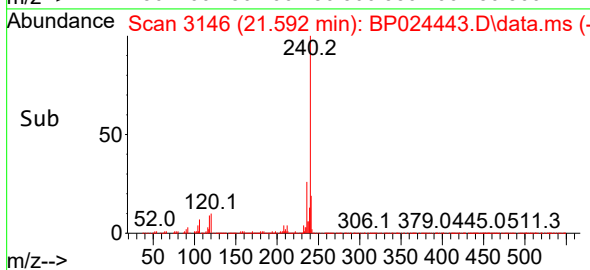
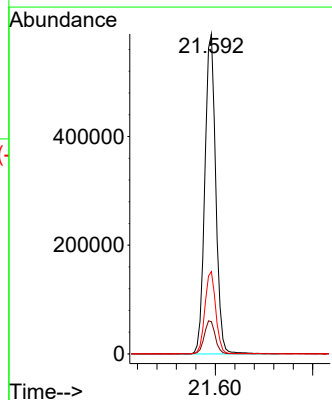
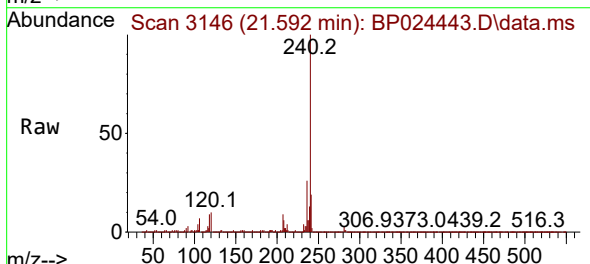
Instrument :
BNA_P
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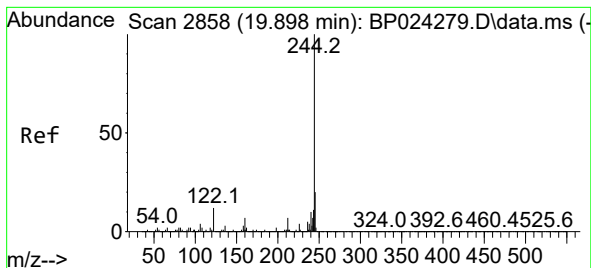
Tgt Ion:188 Resp: 791411
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 10.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. -0.000 min
Lab File: BP024443.D
Acq: 28 Apr 2025 19:04

Tgt Ion:240 Resp: 910326
Ion Ratio Lower Upper
240 100
120 10.1 9.8 14.8
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 51.233 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024443.D

Acq: 28 Apr 2025 19:04

Instrument :

BNA_P

ClientSampleId :

MH-H

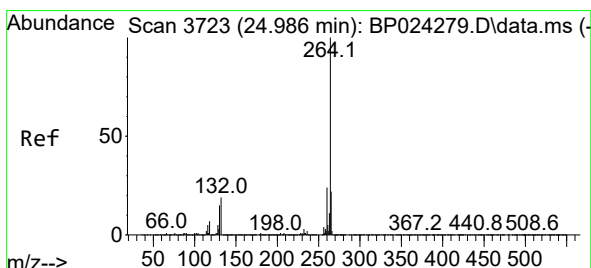
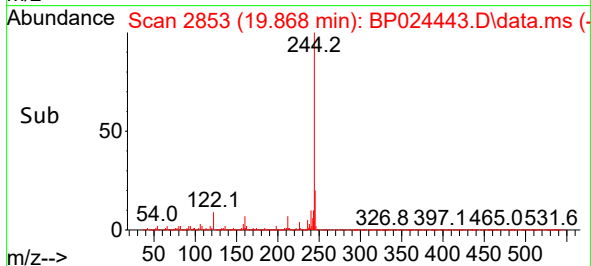
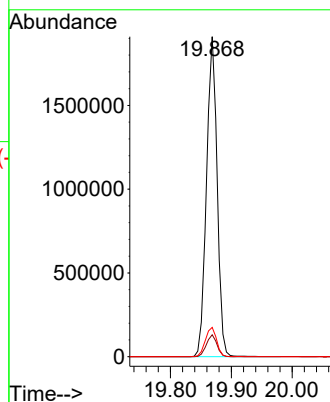
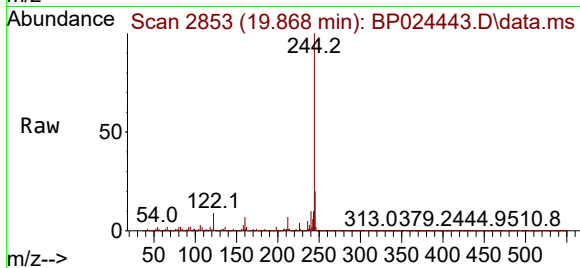
Tgt Ion:244 Resp: 2313831

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 9.1 9.4 14.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.933 min Scan# 3714

Delta R.T. -0.000 min

Lab File: BP024443.D

Acq: 28 Apr 2025 19:04

Tgt Ion:264 Resp: 1066099

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 17.8 26.6

