

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
 Data File : BP024470.D
 Acq On : 30 Apr 2025 12:40
 Operator : RC/JU
 Sample : PB167773BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167773BL

Quant Time: Apr 30 13:05:28 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	166707	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	639440	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	381220	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	790885	20.000	ng	0.00
76) Chrysene-d12	21.598	240	925561	20.000	ng	0.00
86) Perylene-d12	24.933	264	1045749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1348842	133.783	ng	0.00
7) Phenol-d6	6.899	99	1624141	117.644	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1002085	89.360	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	839863	159.234	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2266257	91.021	ng	0.00
79) Terphenyl-d14	19.875	244	4115112	89.617	ng	0.00

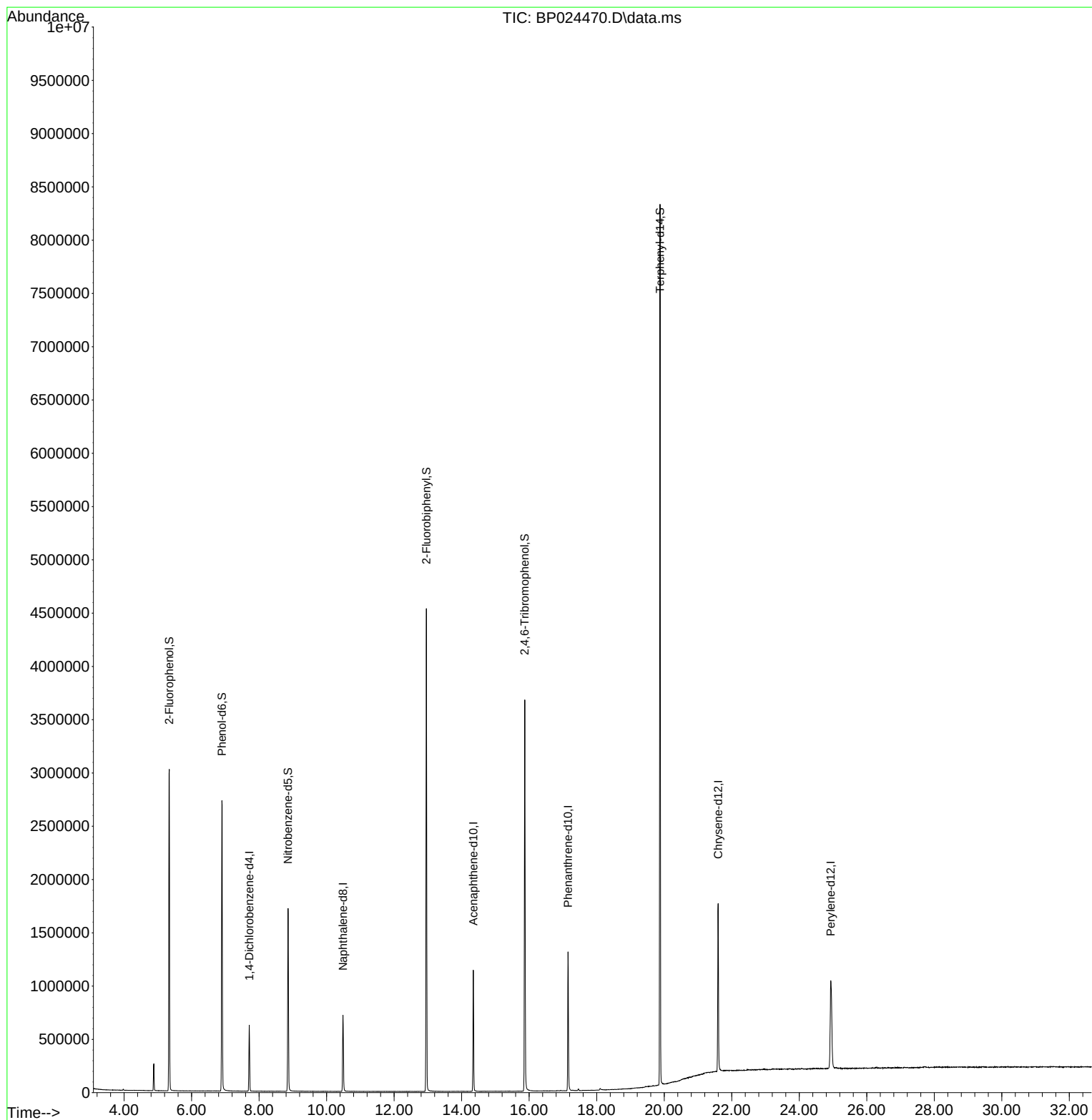
Target Compounds	Qvalue

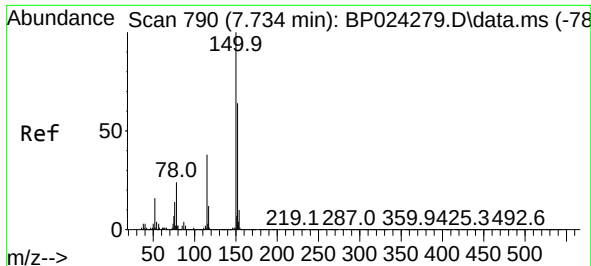
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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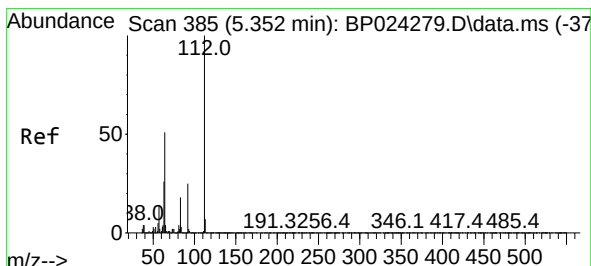
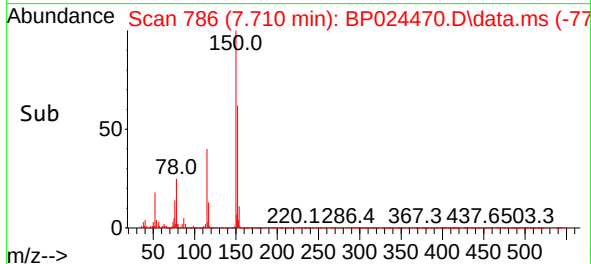
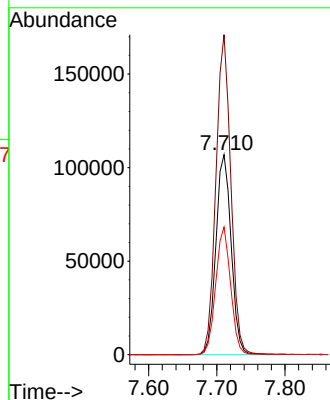
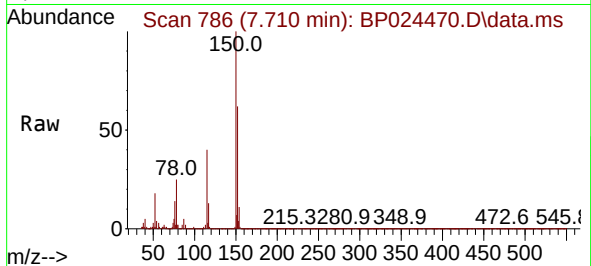




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

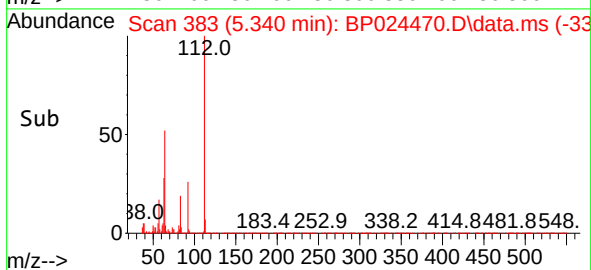
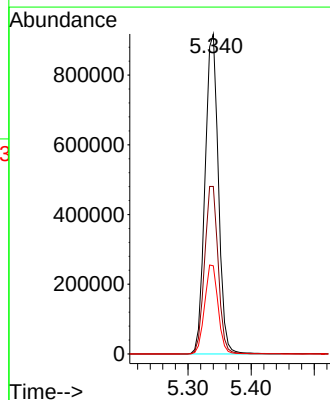
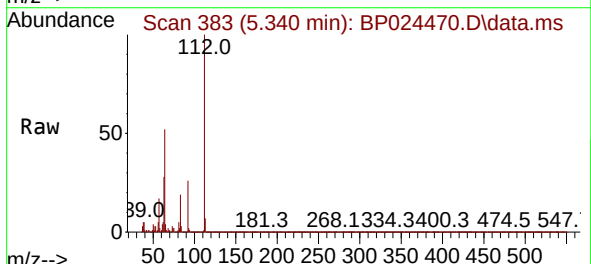
Instrument :
BNA_P
ClientSampleId :
PB167773BL

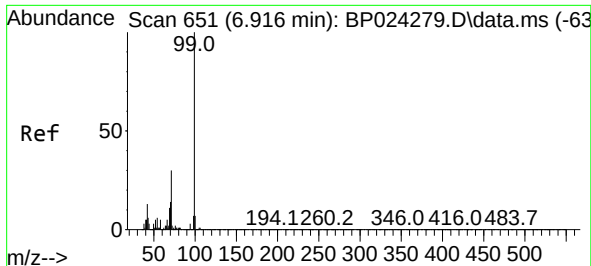
Tgt Ion:152 Resp: 166707
Ion Ratio Lower Upper
152 100
150 160.0 124.9 187.3
115 63.8 47.7 71.5



#5
2-Fluorophenol
Concen: 133.783 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:112 Resp: 1348842
Ion Ratio Lower Upper
112 100
64 52.3 41.1 61.7
63 27.6 20.6 30.8

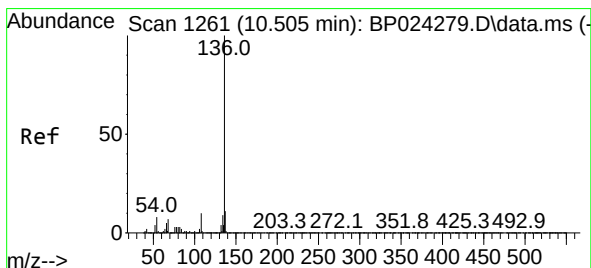
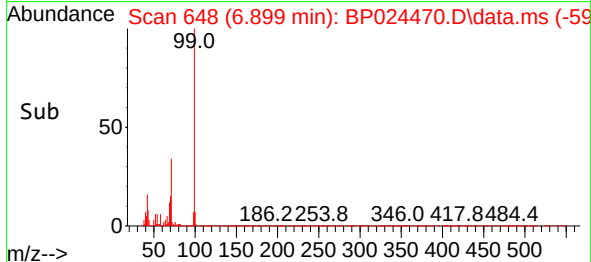
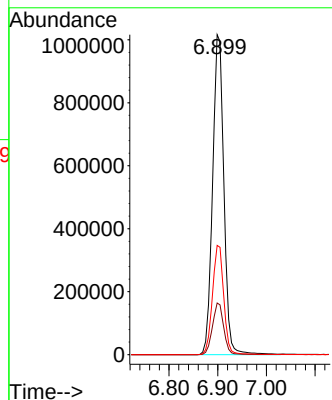
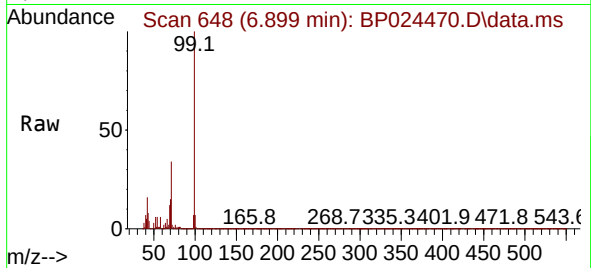




#7
Phenol-d6
Concen: 117.644 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

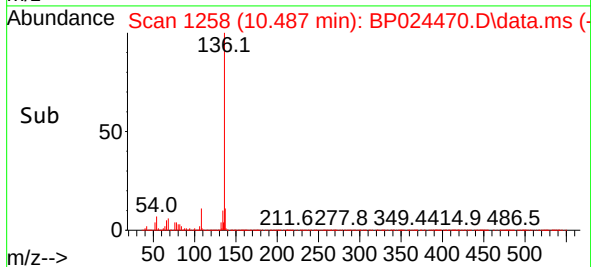
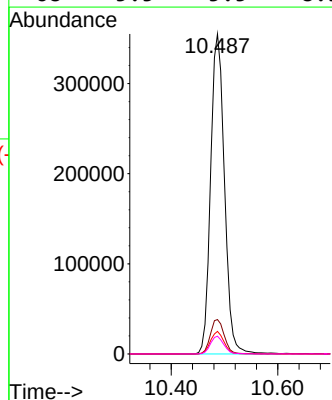
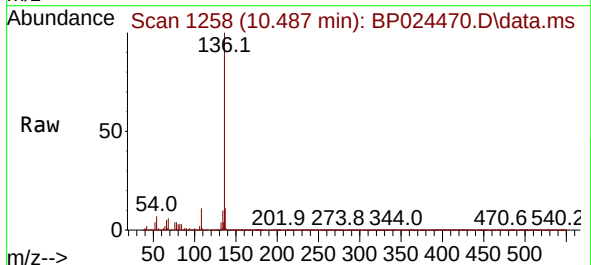
Instrument :
BNA_P
ClientSampleId :
PB167773BL

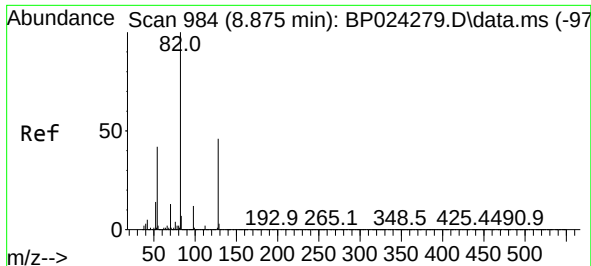
Tgt Ion: 99 Resp: 1624141
Ion Ratio Lower Upper
99 100
42 16.2 10.6 16.0#
71 34.2 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:136 Resp: 639440
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.0 6.0 9.0
68 5.5 5.5 8.3

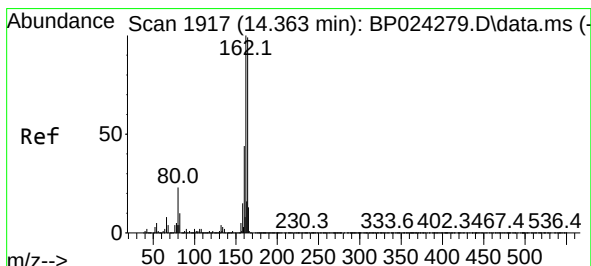
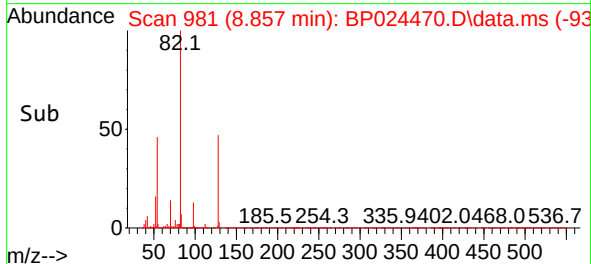
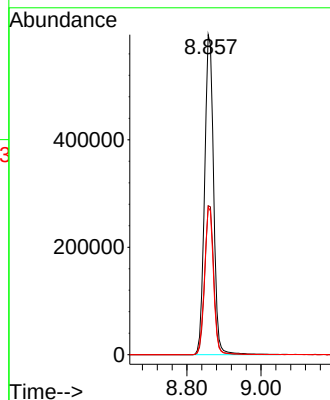
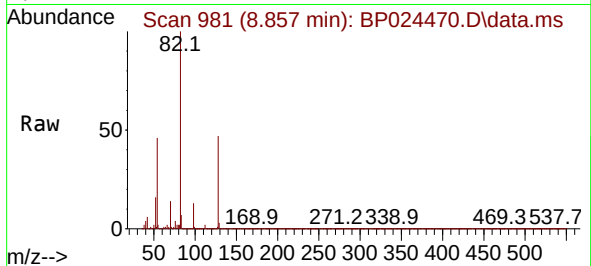




#23
Nitrobenzene-d5
Concen: 89.360 ng
RT: 8.857 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

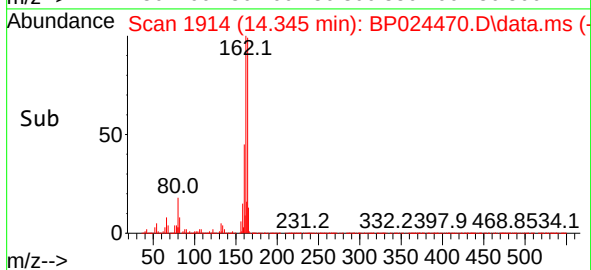
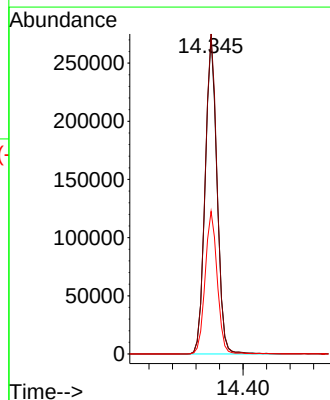
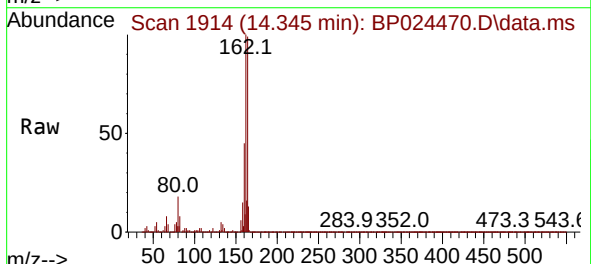
Instrument :
BNA_P
ClientSampleId :
PB167773BL

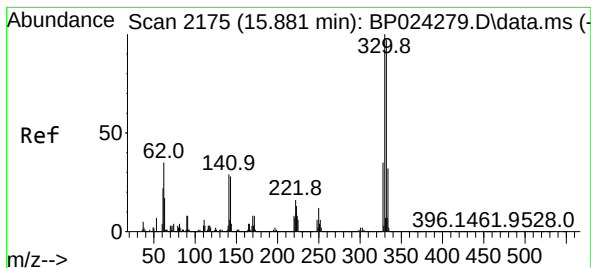
Tgt Ion: 82 Resp: 1002085
Ion Ratio Lower Upper
82 100
128 46.6 36.5 54.7
54 46.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:164 Resp: 381220
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 45.0 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 159.234 ng

RT: 15.869 min Scan# 2175

Delta R.T. 0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

Instrument :

BNA_P

ClientSampleId :

PB167773BL

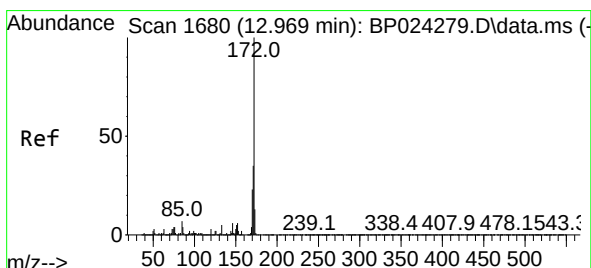
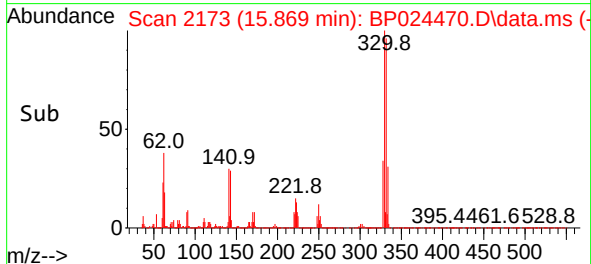
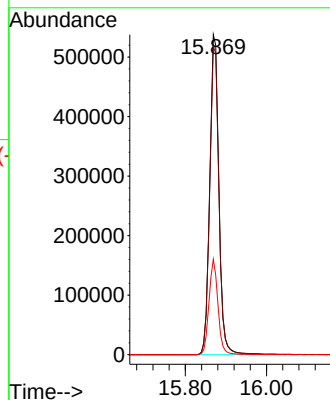
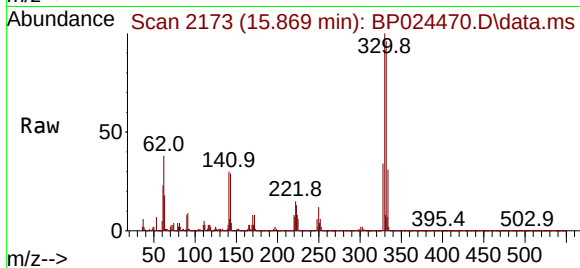
Tgt Ion:330 Resp: 839863

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 29.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 91.021 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024470.D

Acq: 30 Apr 2025 12:40

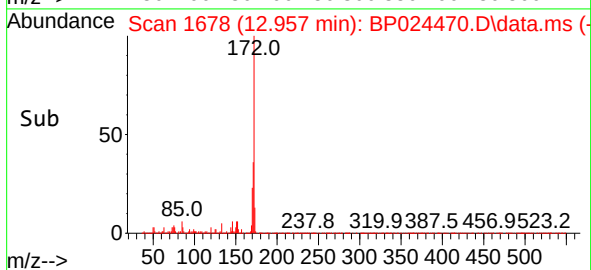
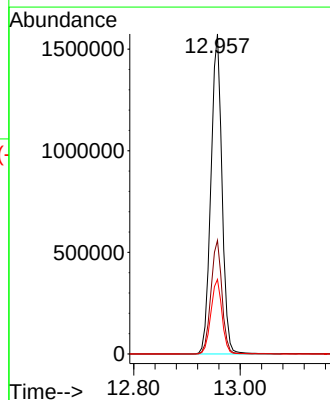
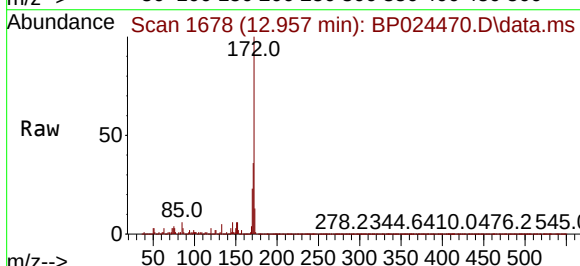
Tgt Ion:172 Resp: 2266257

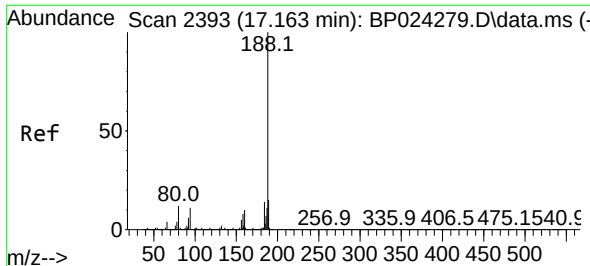
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.3 18.6 27.8

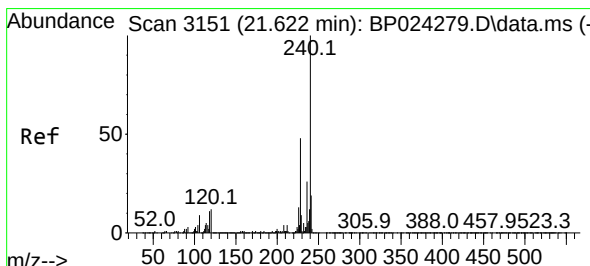
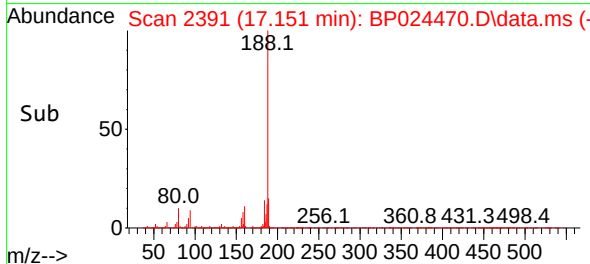
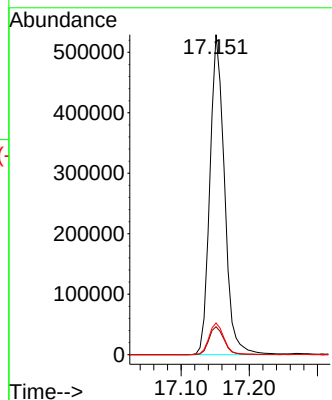
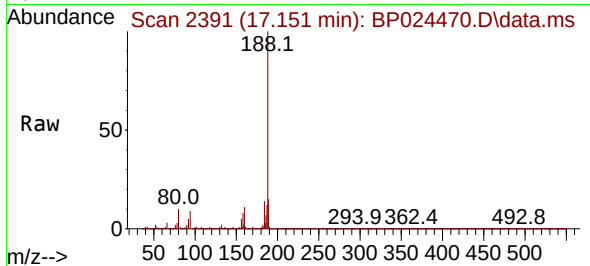




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

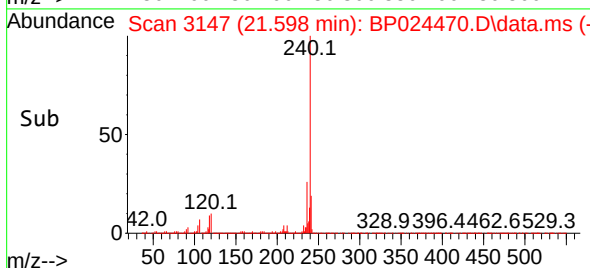
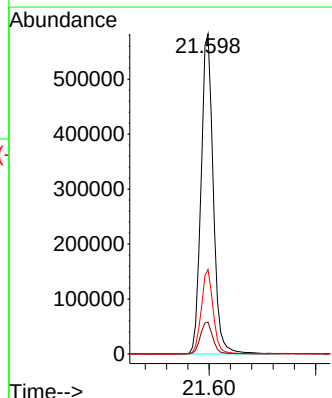
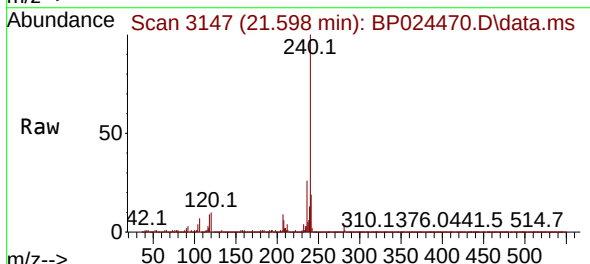
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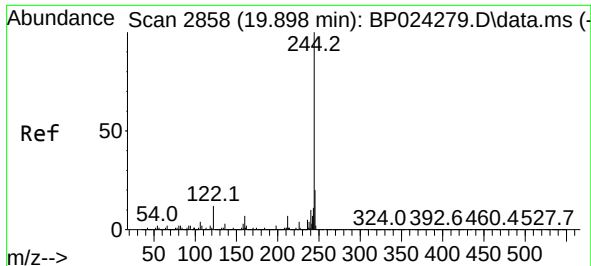
Tgt Ion:188 Resp: 790885
Ion Ratio Lower Upper
188 100
94 8.7 8.6 13.0
80 9.9 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3147
Delta R.T. 0.006 min
Lab File: BP024470.D
Acq: 30 Apr 2025 12:40

Tgt Ion:240 Resp: 925561
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 26.4 20.9 31.3

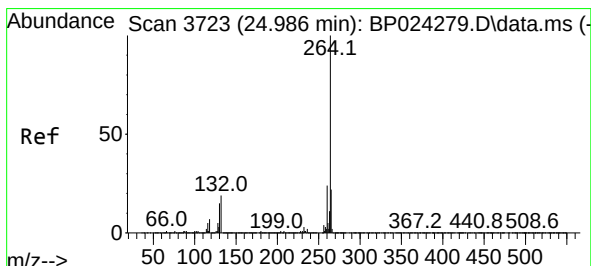
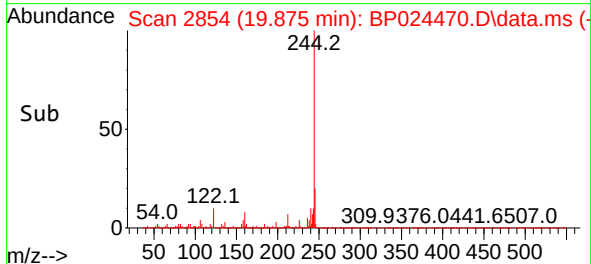
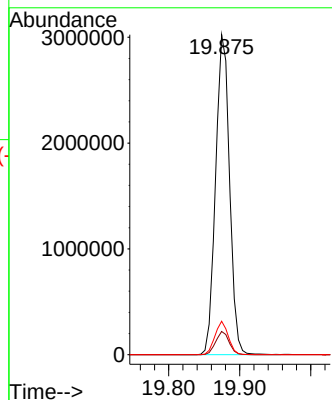
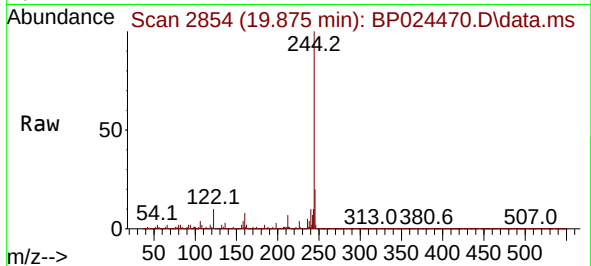




#79
 Terphenyl-d14
 Concen: 89.617 ng
 RT: 19.875 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP024470.D
 Acq: 30 Apr 2025 12:40

Instrument :
 BNA_P
 ClientSampleId :
 PB167773BL

Tgt Ion:244 Resp: 4115112
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.5 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: BP024470.D
 Acq: 30 Apr 2025 12:40

Tgt Ion:264 Resp: 1045749
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 22.0 17.8 26.6

