

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040825\
 Data File : BP024219.D
 Acq On : 08 Apr 2025 19:09
 Operator : RC/JU
 Sample : Q1730-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-PCS-TC-21-040325

Quant Time: Apr 09 01:02:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 05:55:58 2025
 Response via : Initial Calibration

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

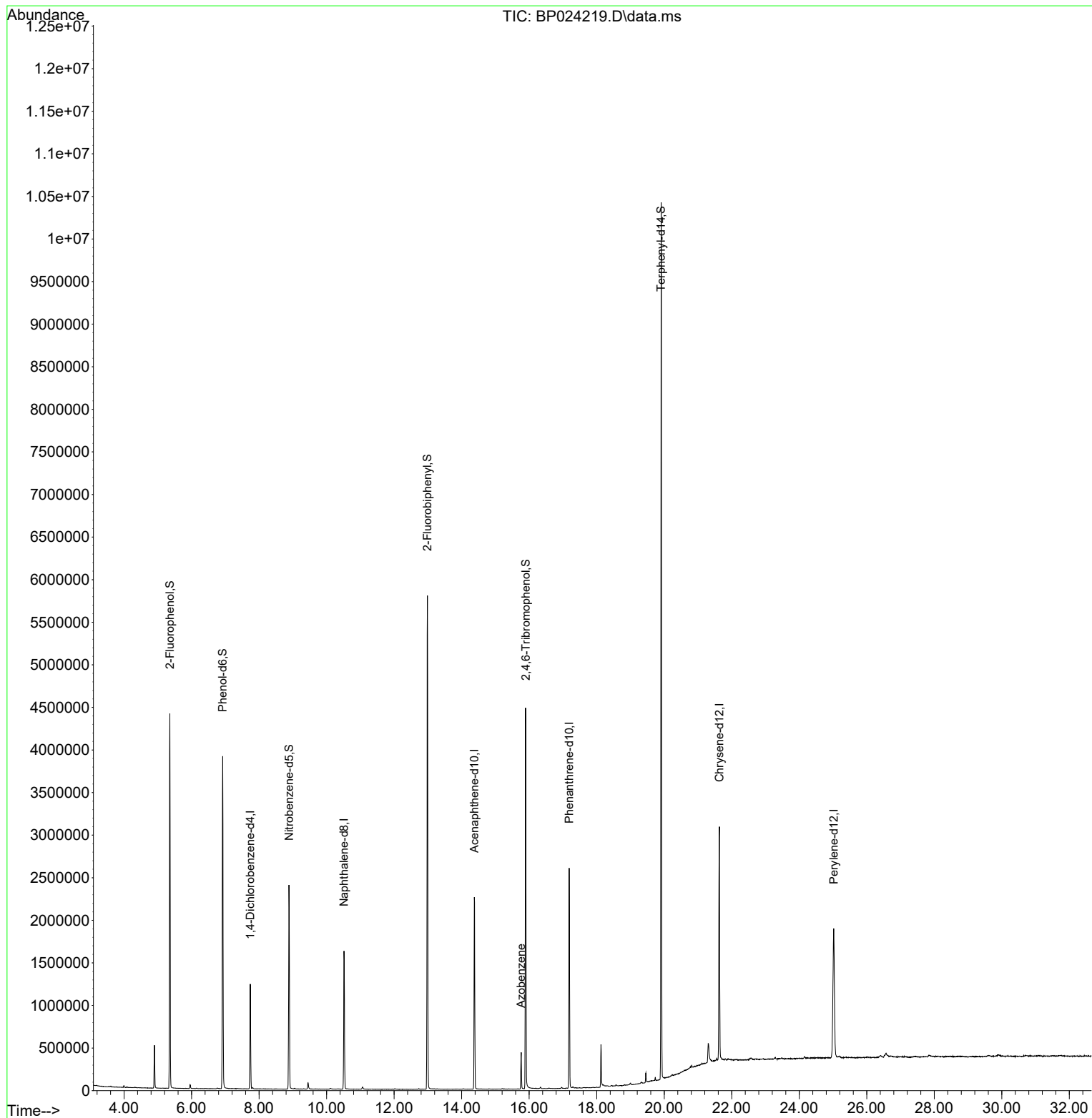
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	344884	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1325237	20.000	ng	-0.04
39) Acenaphthene-d10	14.375	164	771593	20.000	ng	-0.03
64) Phenanthrene-d10	17.186	188	1471523	20.000	ng	-0.02
76) Chrysene-d12	21.633	240	1620391	20.000	ng	-0.02
86) Perylene-d12	25.021	264	1759028	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1904353	88.142	ng	-0.02
7) Phenol-d6	6.922	99	2398018	82.999	ng	-0.03
23) Nitrobenzene-d5	8.887	82	1406535	59.882	ng	-0.04
42) 2,4,6-Tribromophenol	15.898	330	854009	87.868	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	3021460	57.741	ng	-0.03
79) Terphenyl-d14	19.910	244	4676065	59.569	ng	-0.01
Target Compounds						
63) Azobenzene	15.763	77	121066	2.389	ng	Qvalue # 1

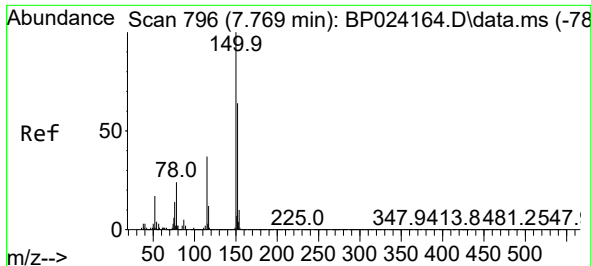
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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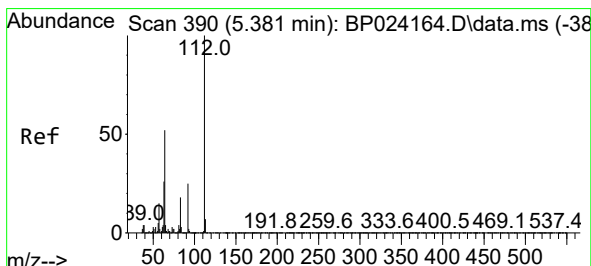
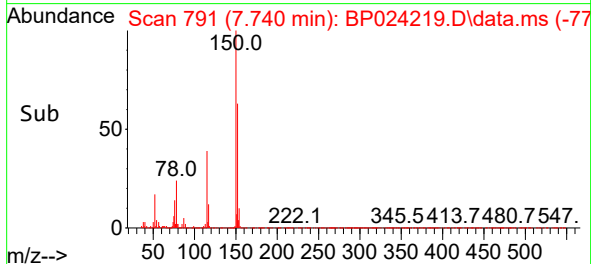
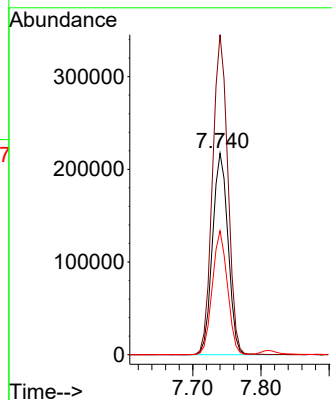
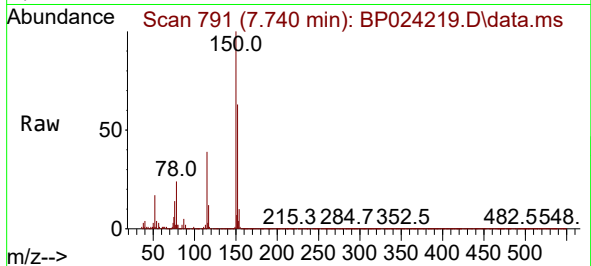




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 796
Delta R.T. -0.029 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

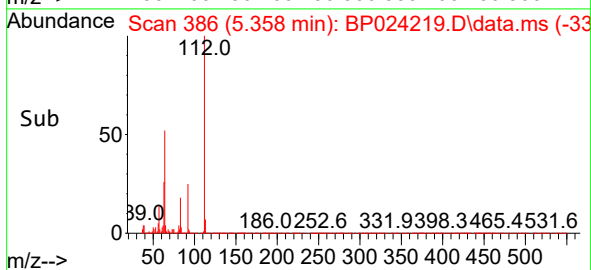
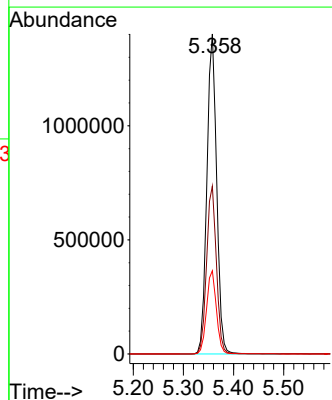
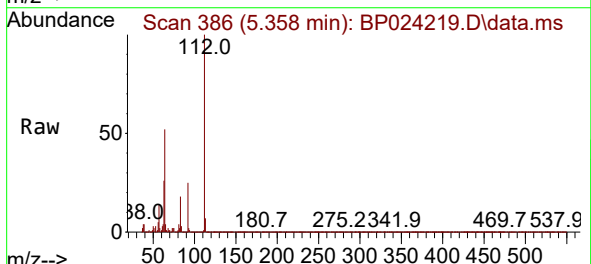
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

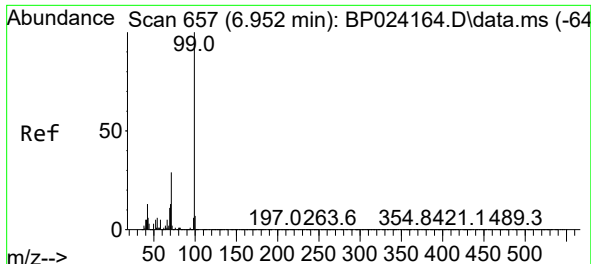
Tgt Ion:152 Resp: 344884
Ion Ratio Lower Upper
152 100
150 158.9 125.5 188.3
115 61.5 46.3 69.5



#5
2-Fluorophenol
Concen: 88.142 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.024 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:112 Resp: 1904353
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 26.0 20.6 31.0

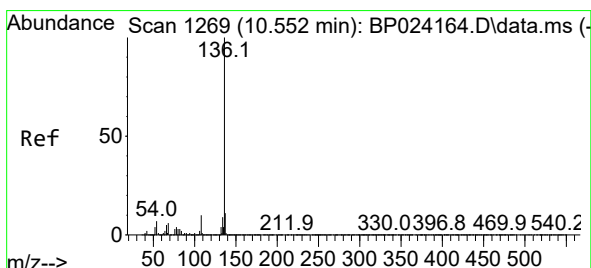
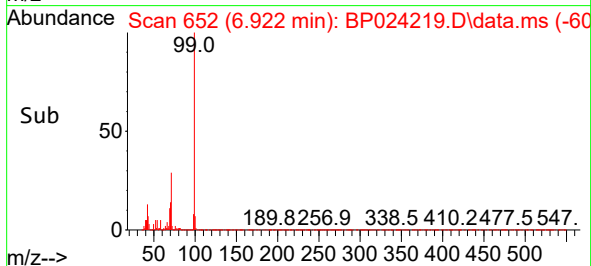
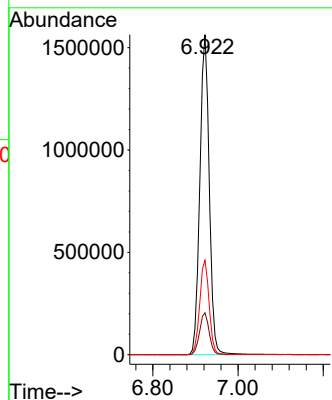
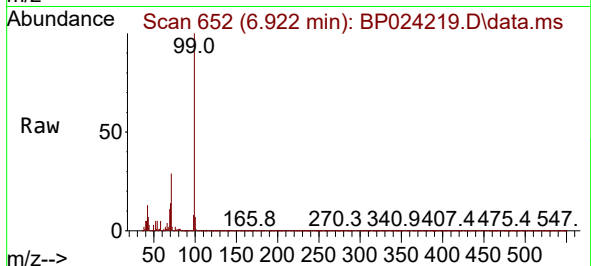




#7
Phenol-d6
Concen: 82.999 ng
RT: 6.922 min Scan# 61
Delta R.T. -0.030 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

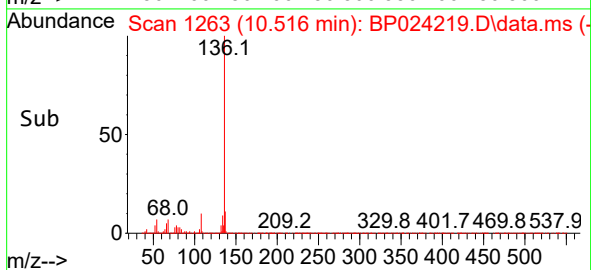
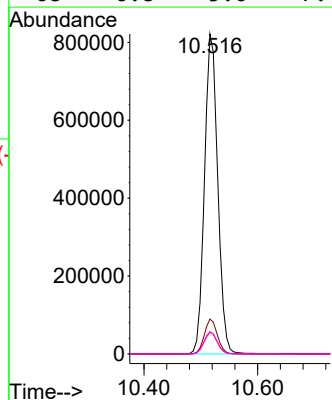
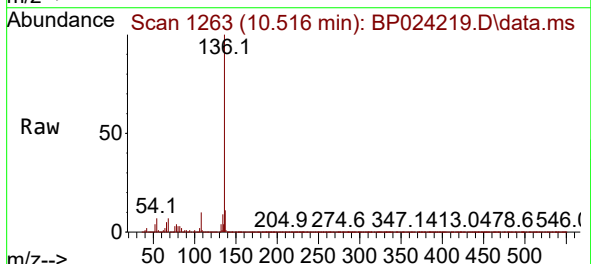
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

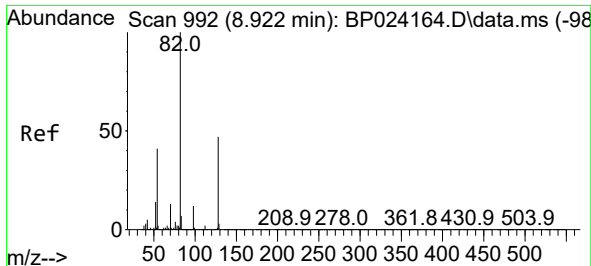
Tgt Ion: 99 Resp: 2398018
Ion Ratio Lower Upper
99 100
42 13.1 10.6 16.0
71 29.5 23.3 34.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:136 Resp: 1325237
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 6.9 5.3 7.9
68 6.8 5.0 7.4

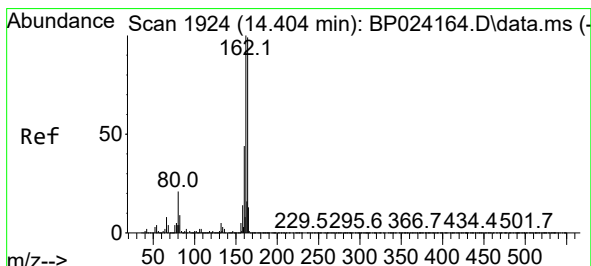
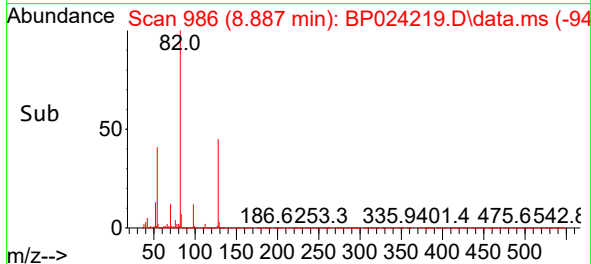
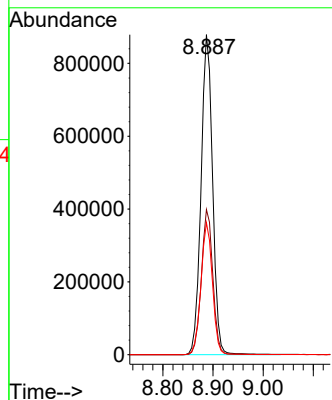
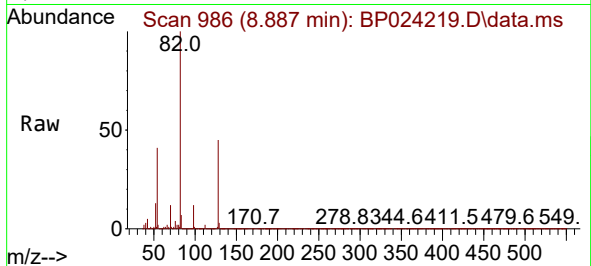




#23
Nitrobenzene-d5
Concen: 59.882 ng
RT: 8.887 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

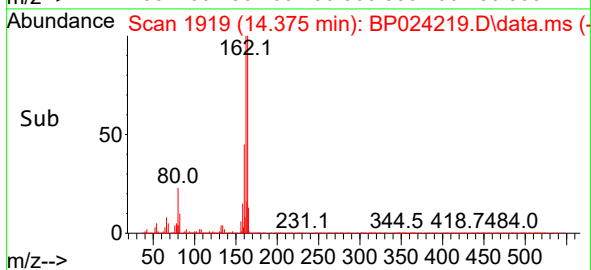
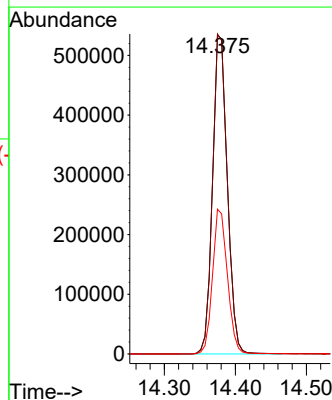
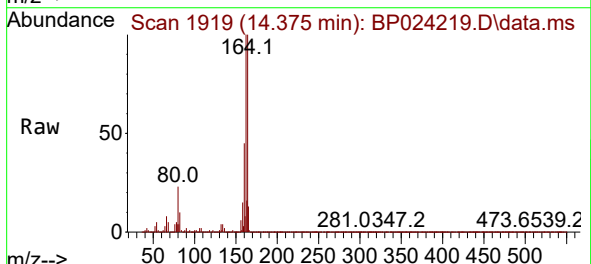
Instrument :
BNA_P
ClientSampleId :
OU4-PCS-TC-21-040325

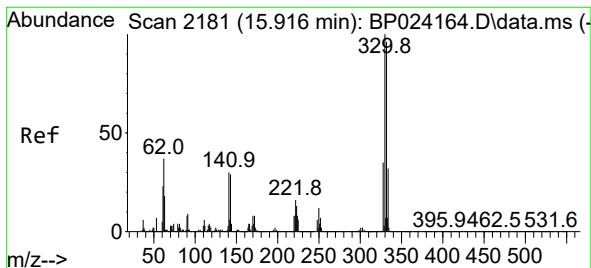
Tgt Ion: 82 Resp: 1406535
Ion Ratio Lower Upper
82 100
128 45.3 37.4 56.0
54 41.3 32.5 48.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.030 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion: 164 Resp: 771593
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 87.868 ng

RT: 15.898 min Scan# 2181

Delta R.T. -0.018 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-21-040325

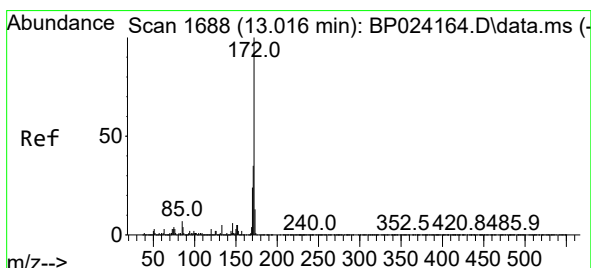
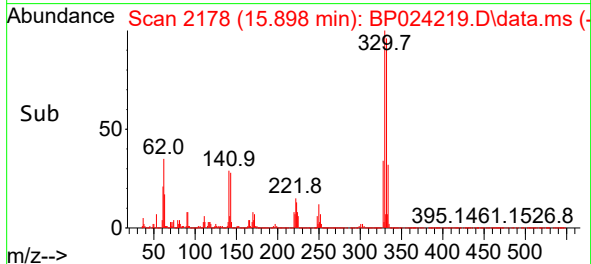
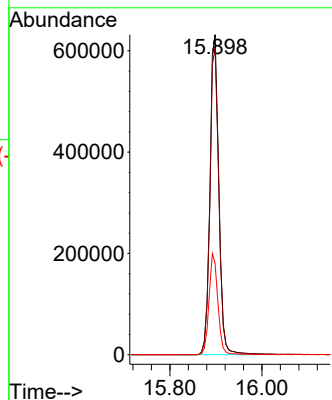
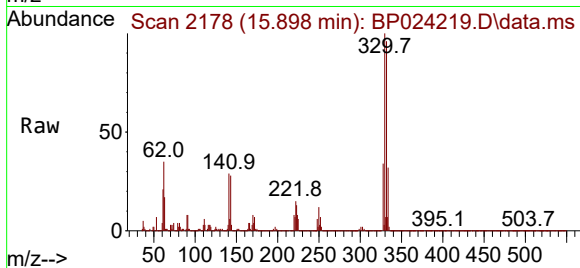
Tgt Ion:330 Resp: 854009

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 31.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 57.741 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.030 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

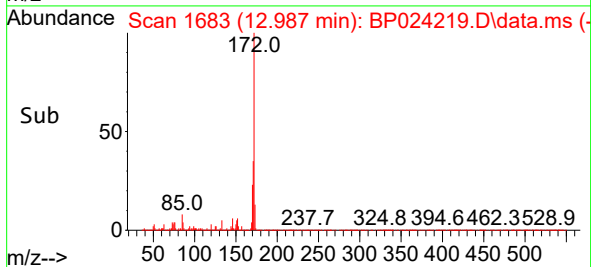
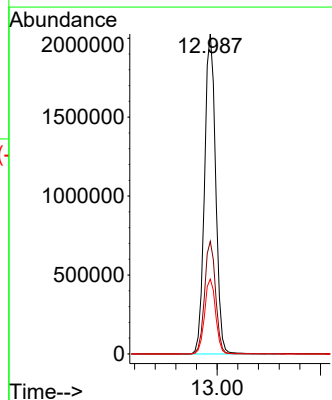
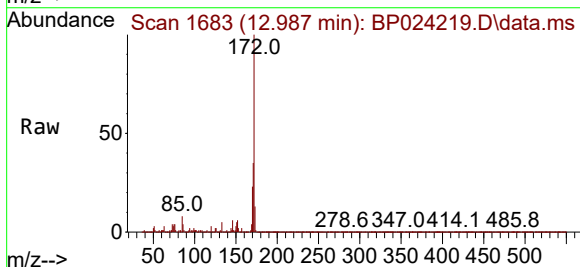
Tgt Ion:172 Resp: 3021460

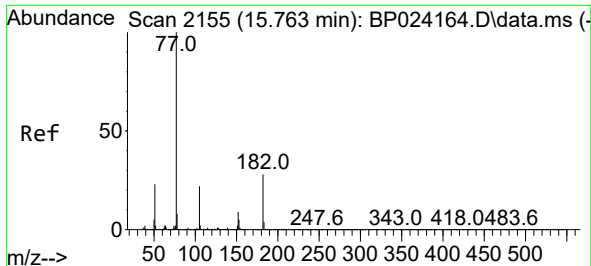
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 19.0 28.4

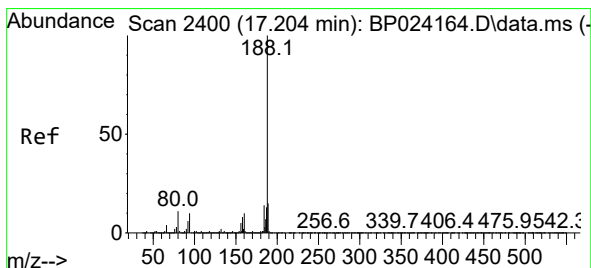
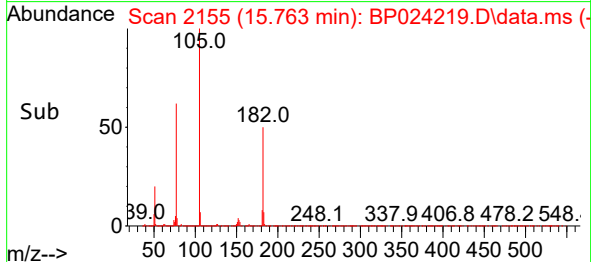
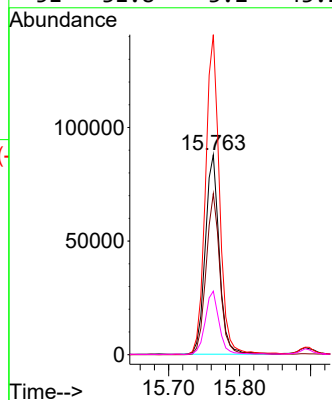
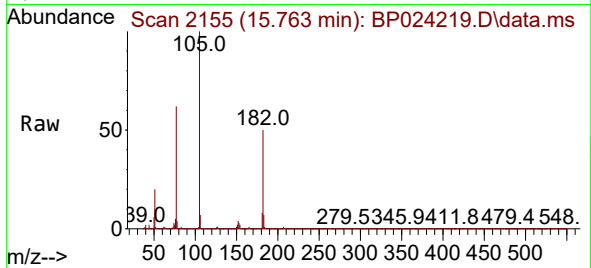




#63
Azobenzene
Concen: 2.389 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

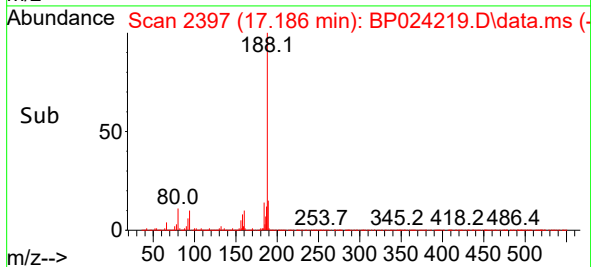
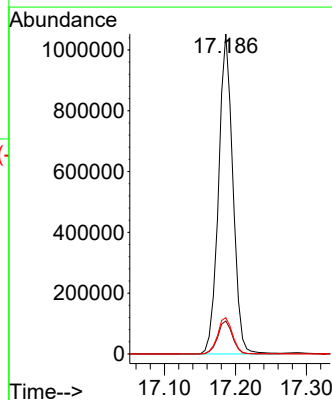
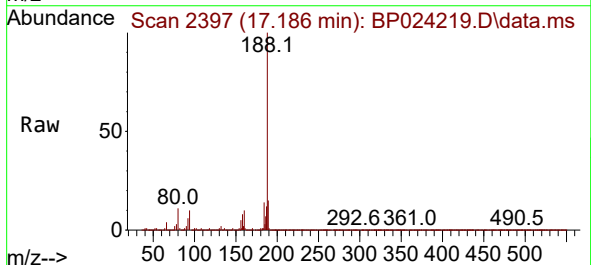
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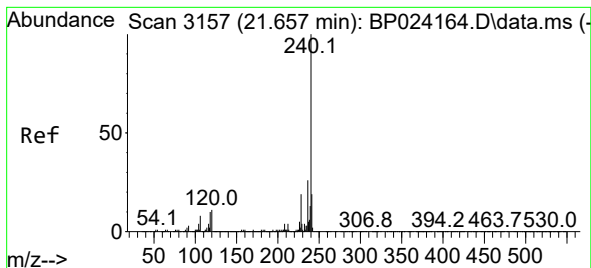
Tgt Ion: 77 Resp: 121066
Ion Ratio Lower Upper
77 100
182 80.6 7.7 47.7#
105 160.1 2.3 42.3#
51 31.8 3.2 43.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2397
Delta R.T. -0.018 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Tgt Ion:188 Resp: 1471523
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.4 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.633 min Scan# 3153

Delta R.T. -0.024 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

Instrument :

BNA_P

ClientSampleId :

OU4-PCS-TC-21-040325

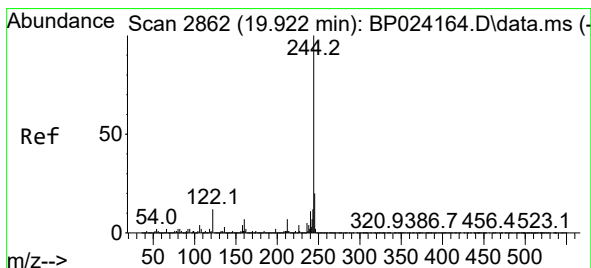
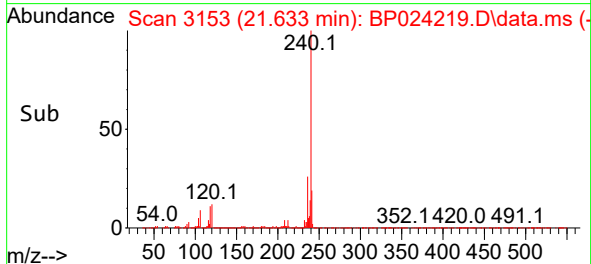
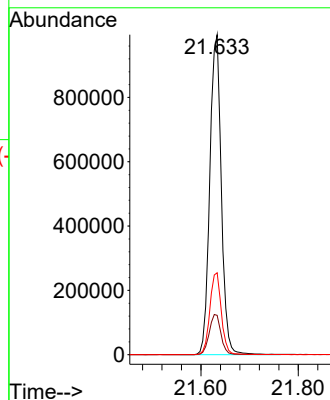
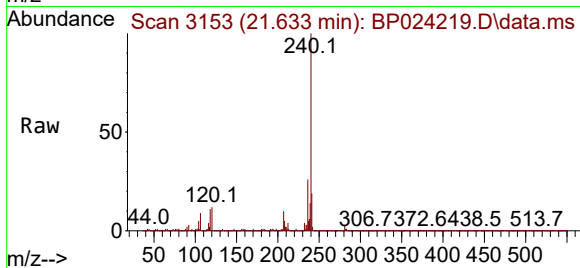
Tgt Ion:240 Resp: 1620391

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

236 25.6 20.4 30.6



#79

Terphenyl-d14

Concen: 59.569 ng

RT: 19.910 min Scan# 2860

Delta R.T. -0.012 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

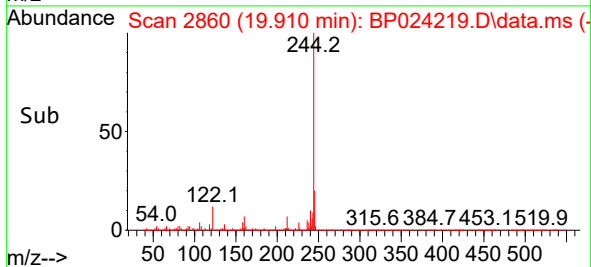
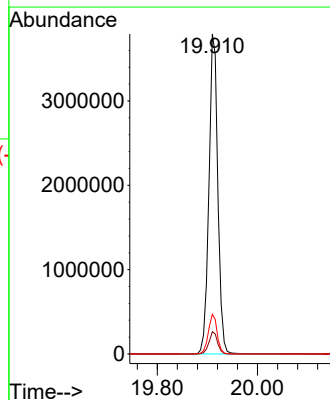
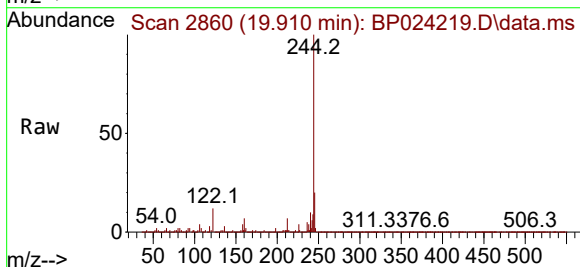
Tgt Ion:244 Resp: 4676065

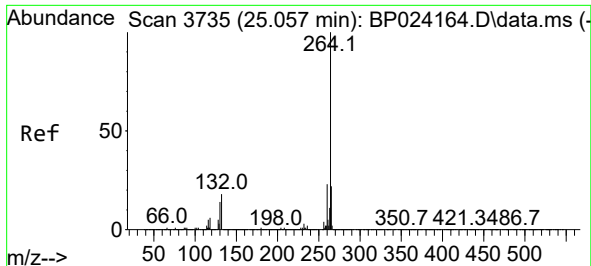
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

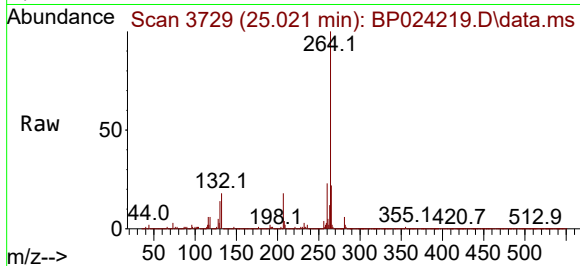
122 12.4 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.021 min Scan# 31
Delta R.T. -0.035 min
Lab File: BP024219.D
Acq: 08 Apr 2025 19:09

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 1759028
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 22.1 17.7 26.5

