

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024384.D
 Acq On : 22 Apr 2025 18:47
 Operator : RC/JU
 Sample : Q1842-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-09

Quant Time: Apr 23 02:30:39 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	7.722	152	229080	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	899934	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	552018	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1111854	20.000	ng	0.01
76) Chrysene-d12	21.610	240	1216740	20.000	ng	0.02
86) Perylene-d12	24.951	264	1404414	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1626460	117.395	ng	0.00
7) Phenol-d6	6.905	99	1977728	104.251	ng	0.00
23) Nitrobenzene-d5	8.863	82	1337071	84.719	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1118819	146.491	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	2977937	82.598	ng	0.00
79) Terphenyl-d14	19.886	244	5750600	95.264	ng	0.01

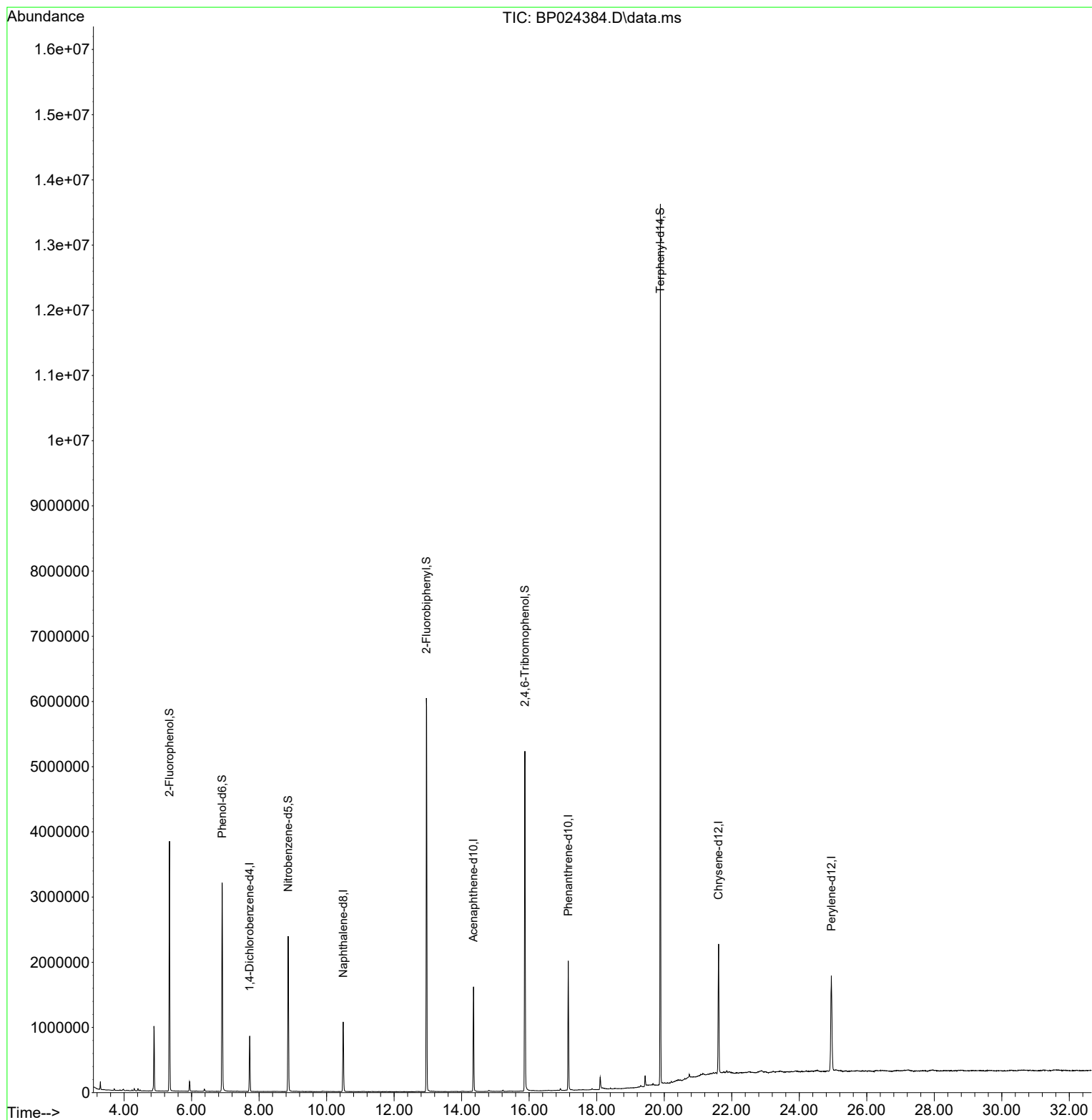
Target Compounds	Qvalue

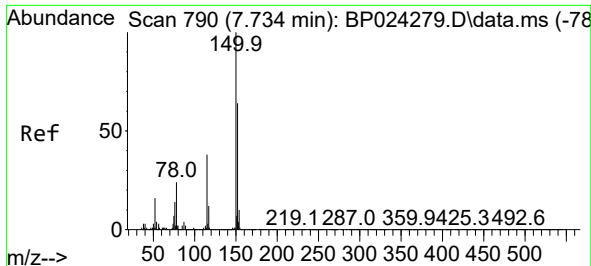
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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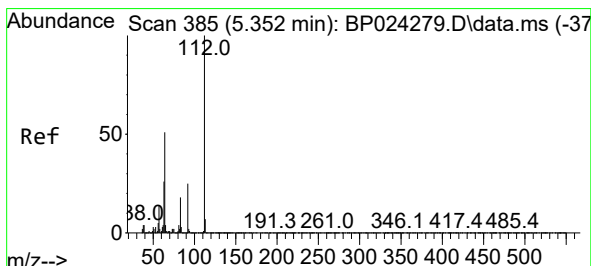
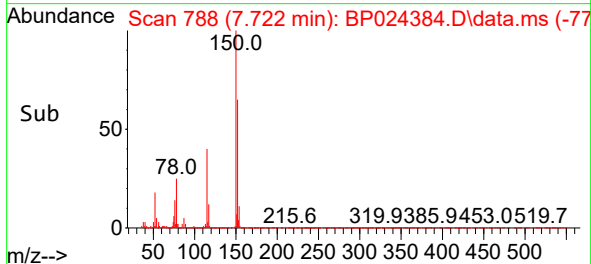
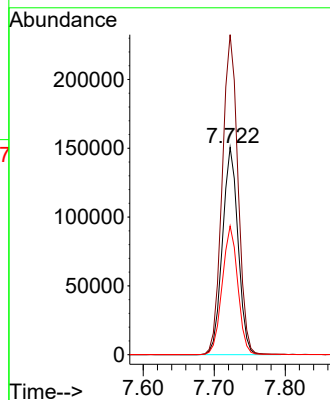
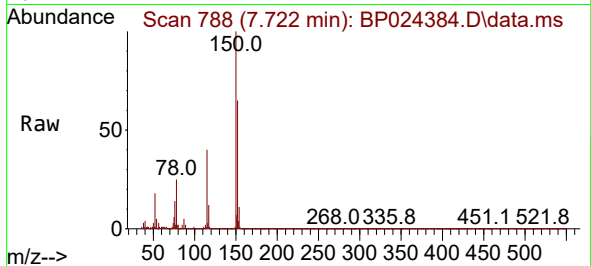




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

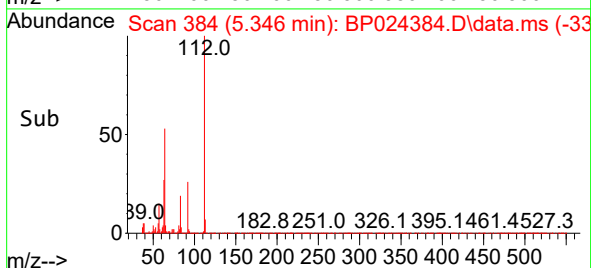
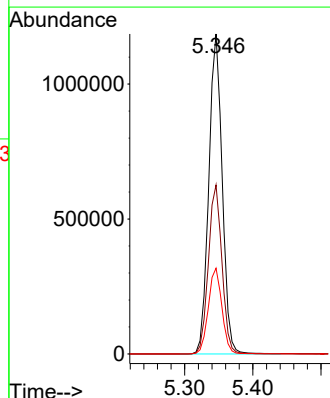
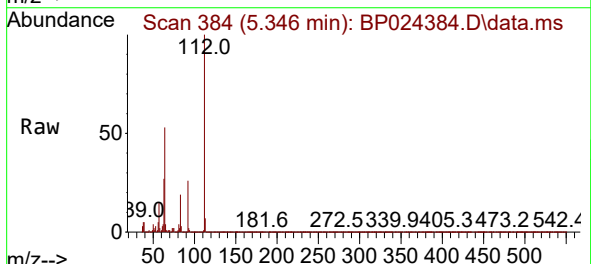
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

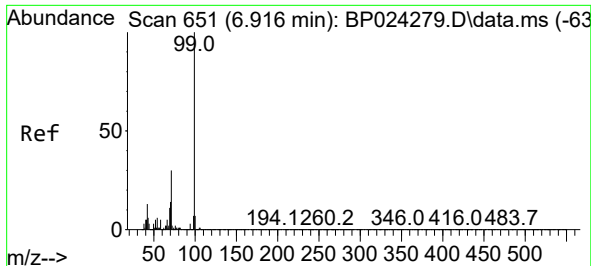
Tgt Ion:152 Resp: 229080
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 62.0 47.7 71.5



#5
2-Fluorophenol
Concen: 117.395 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

Tgt Ion:112 Resp: 1626460
Ion Ratio Lower Upper
112 100
64 52.8 41.1 61.7
63 26.8 20.6 30.8

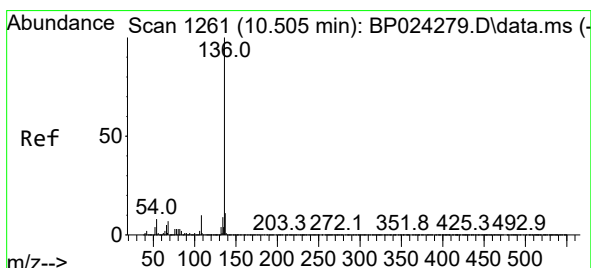
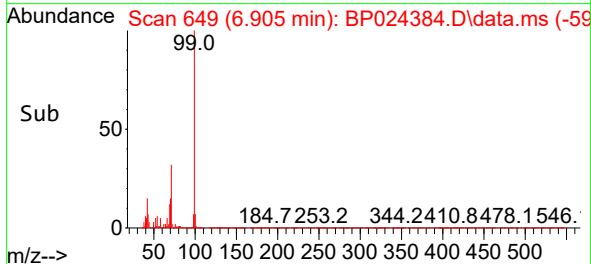
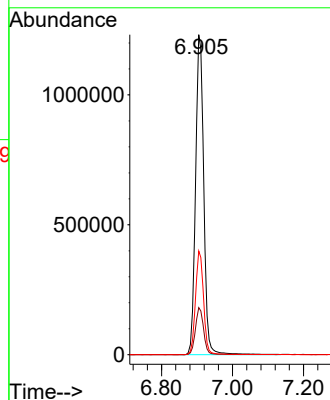
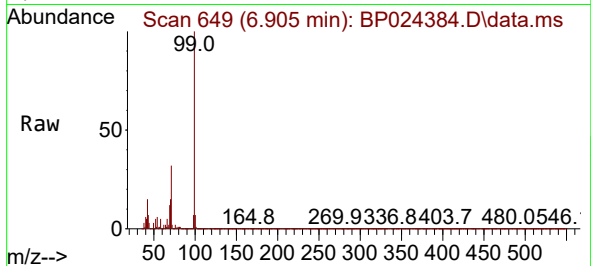




#7
Phenol-d6
Concen: 104.251 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

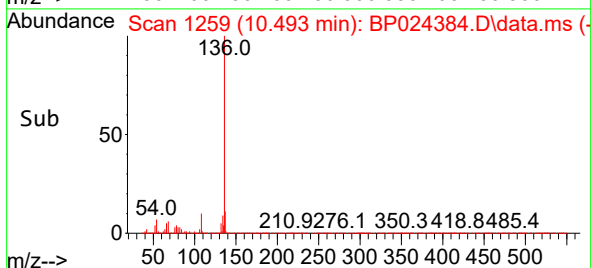
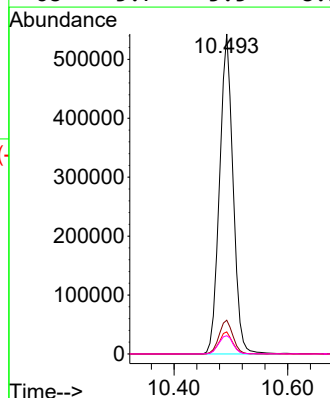
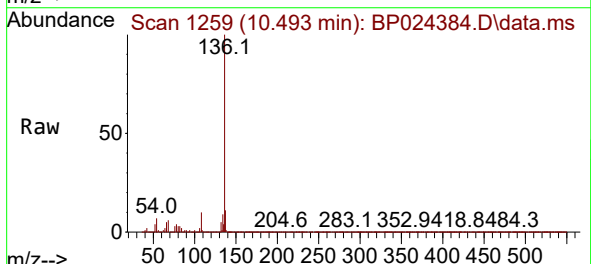
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

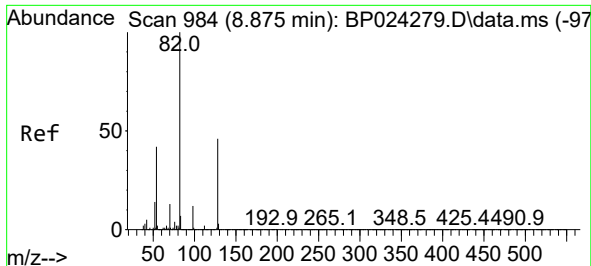
Tgt Ion: 99 Resp: 1977728
Ion Ratio Lower Upper
99 100
42 14.7 10.6 16.0
71 32.4 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

Tgt Ion:136 Resp: 899934
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 6.9 6.0 9.0
68 5.7 5.5 8.3

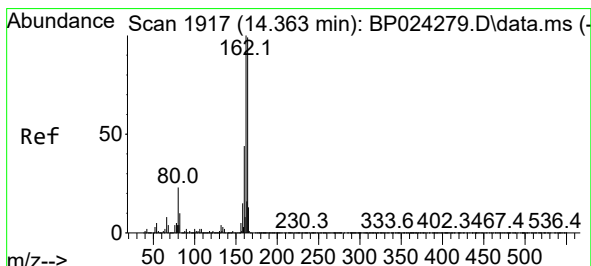
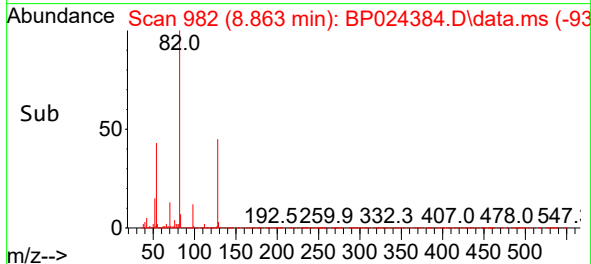
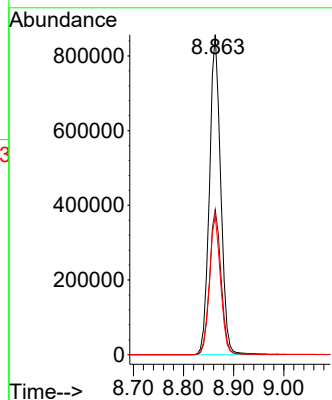
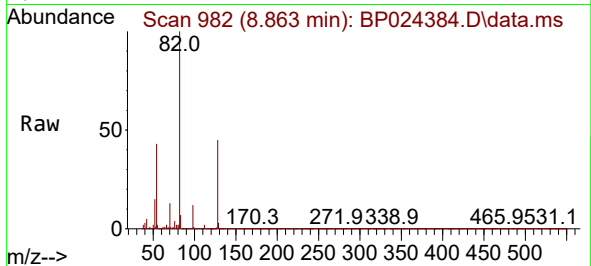




#23
Nitrobenzene-d5
Concen: 84.719 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

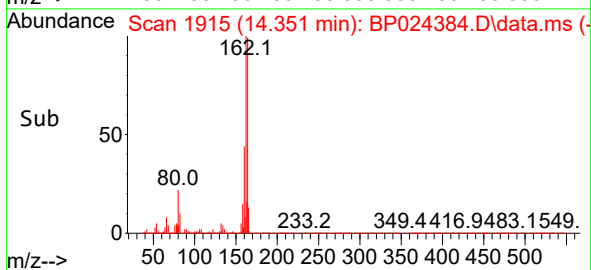
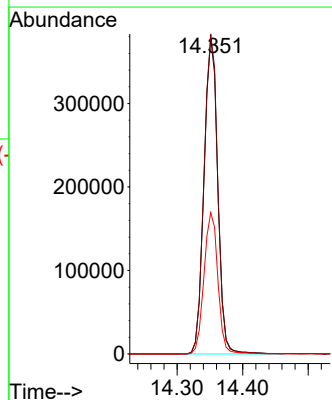
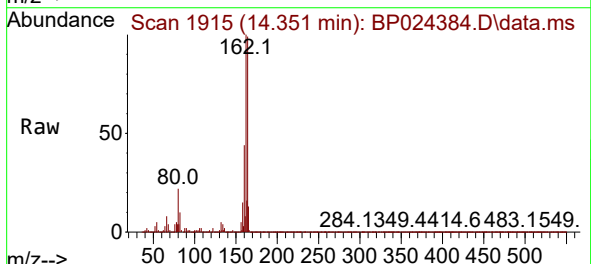
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-09

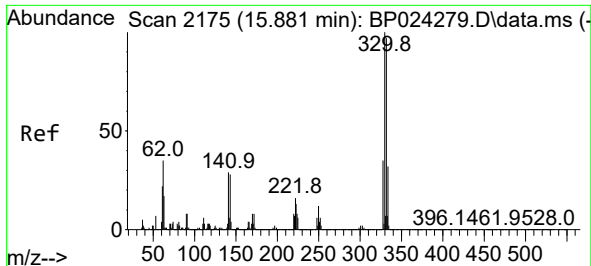
Tgt Ion: 82 Resp: 1337071
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 43.4 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

Tgt Ion:164 Resp: 552018
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.7 35.3 52.9

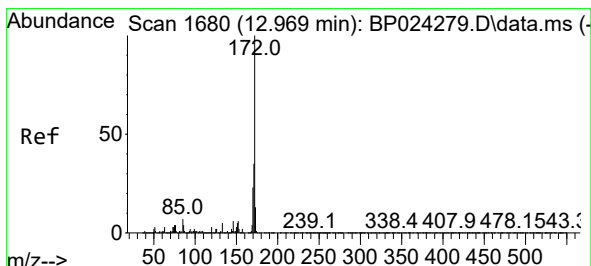
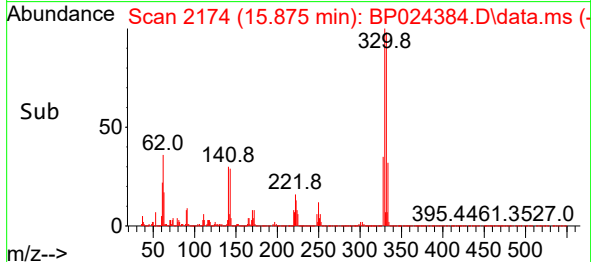
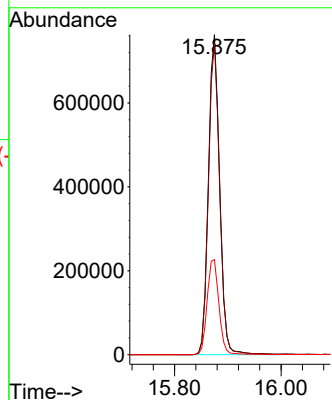
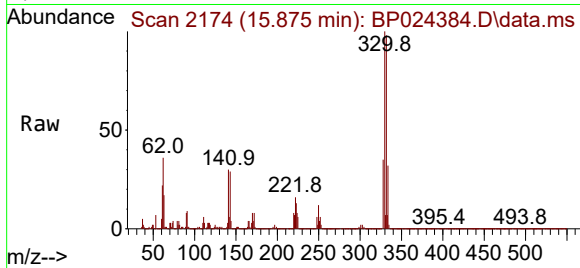




#42
2,4,6-Tribromophenol
Concen: 146.491 ng
RT: 15.875 min Scan# 2175
Delta R.T. 0.012 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

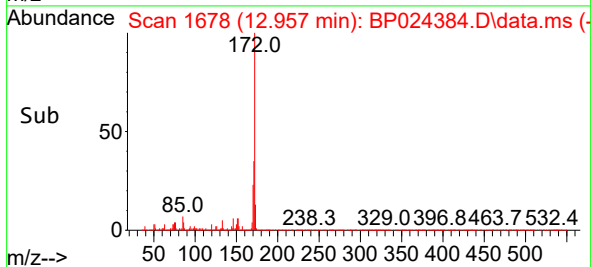
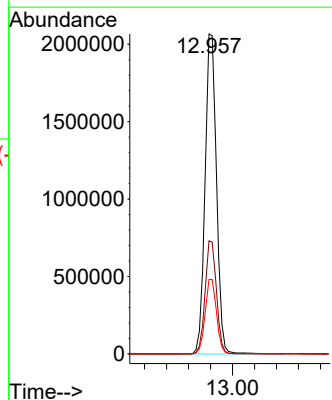
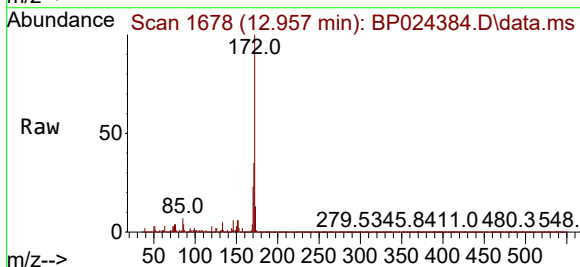
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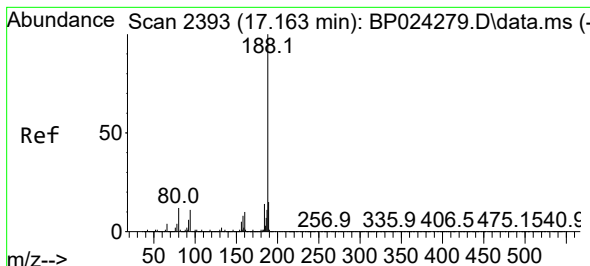
Tgt Ion:330 Resp: 1118819
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 82.598 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

Tgt Ion:172 Resp: 2977937
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.2 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP024384.D

Acq: 22 Apr 2025 18:47

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-09

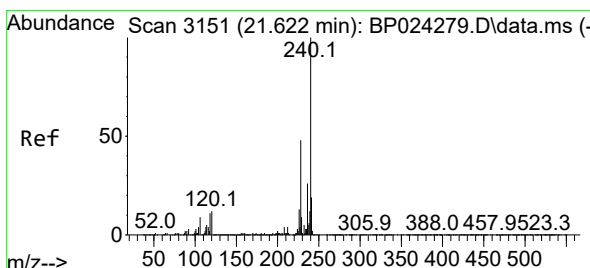
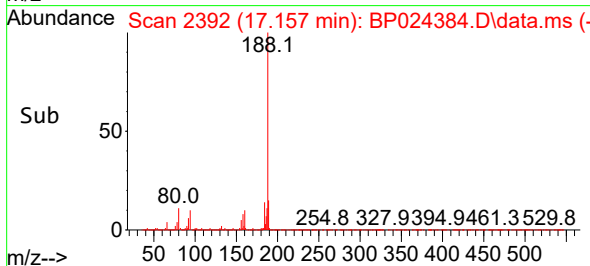
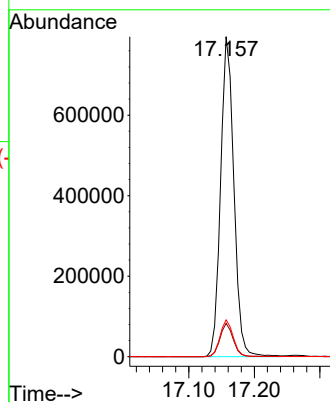
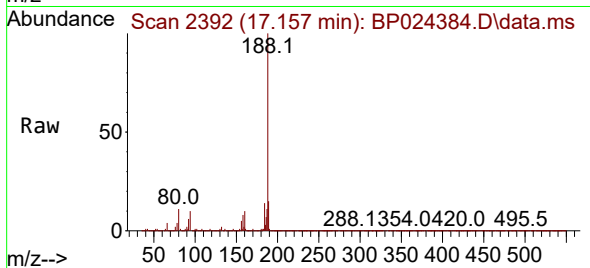
Tgt Ion:188 Resp: 1111854

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 11.5 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3149

Delta R.T. 0.018 min

Lab File: BP024384.D

Acq: 22 Apr 2025 18:47

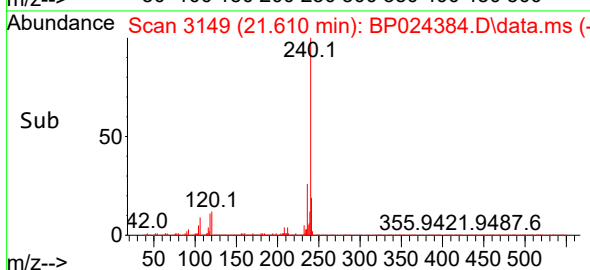
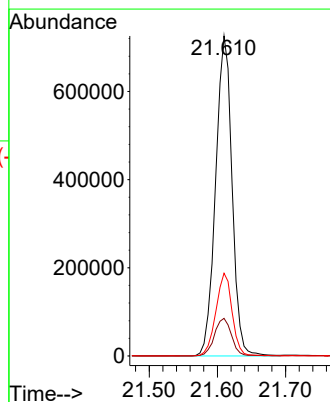
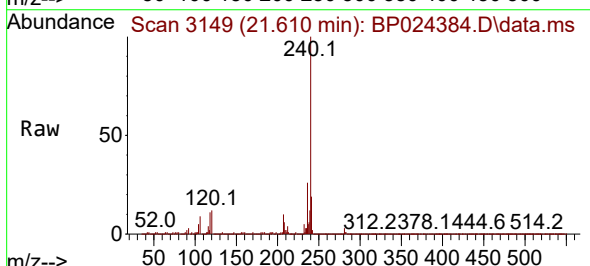
Tgt Ion:240 Resp: 1216740

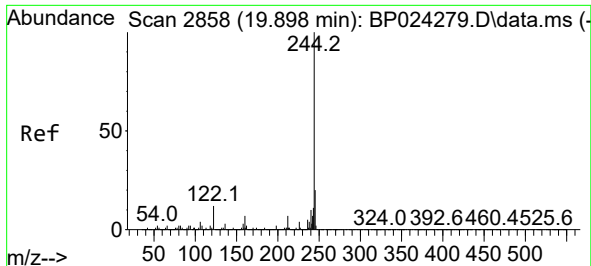
Ion Ratio Lower Upper

240 100

120 11.8 9.8 14.8

236 25.9 20.9 31.3

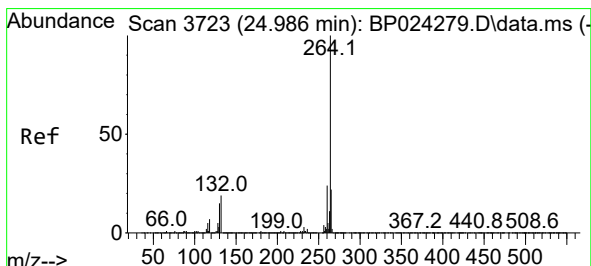
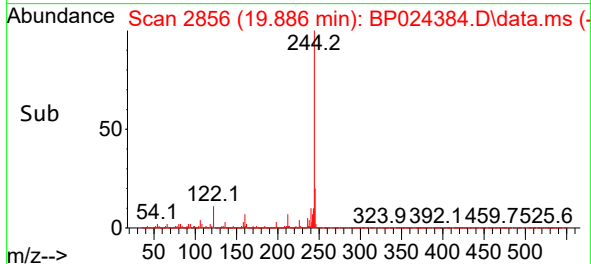
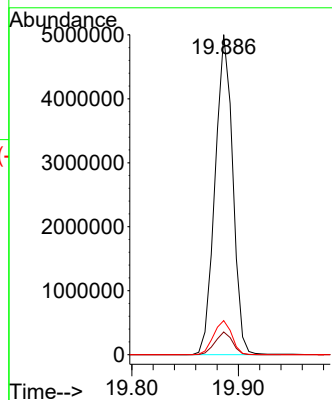
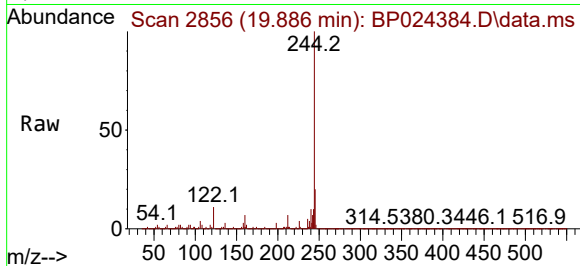




#79
Terphenyl-d14
Concen: 95.264 ng
RT: 19.886 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

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Tgt Ion:244 Resp: 5750600
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.7 9.4 14.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.951 min Scan# 3717
Delta R.T. 0.018 min
Lab File: BP024384.D
Acq: 22 Apr 2025 18:47

Tgt Ion:264 Resp: 1404414
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.7 17.8 26.6

