

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024389.D
 Acq On : 22 Apr 2025 22:11
 Operator : RC/JU
 Sample : Q1842-42
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-14

Quant Time: Apr 23 02:32:03 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	198316	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	759585	20.000	ng	0.00
39) Acenaphthene-d10	14.346	164	441303	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	901802	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1073319	20.000	ng	0.00
86) Perylene-d12	24.939	264	1131393	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1372692	114.448	ng	0.00
7) Phenol-d6	6.905	99	1578643	96.123	ng	0.00
23) Nitrobenzene-d5	8.869	82	1156197	86.794	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	825605	135.220	ng	-0.01
45) 2-Fluorobiphenyl	12.957	172	2450885	85.034	ng	0.00
79) Terphenyl-d14	19.869	244	4573002	85.879	ng	0.00

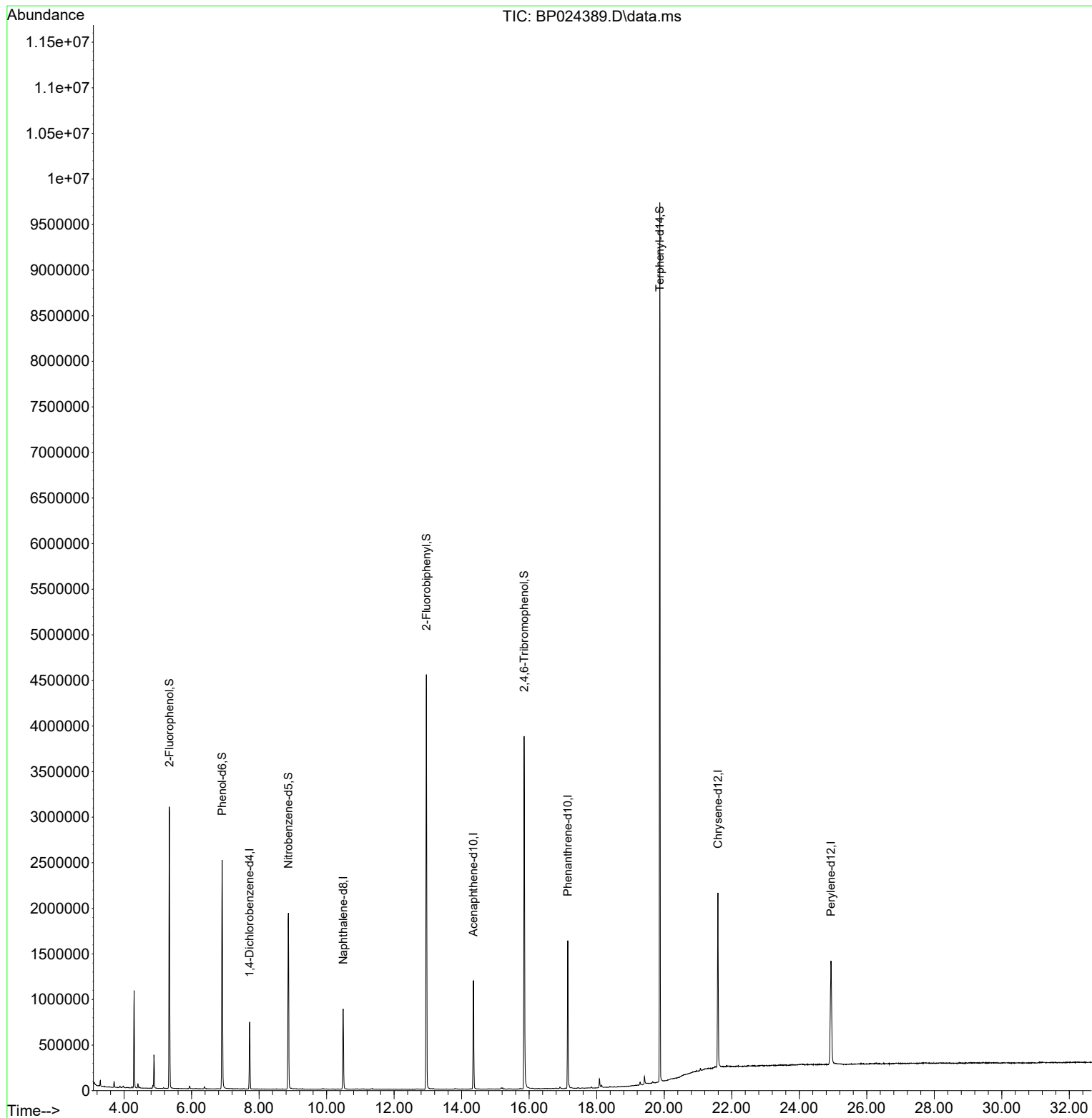
Target Compounds	Qvalue

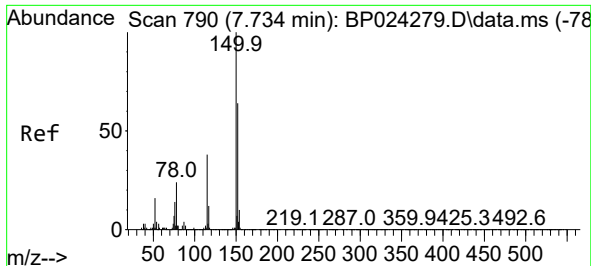
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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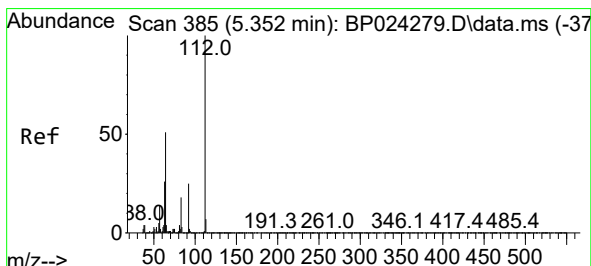
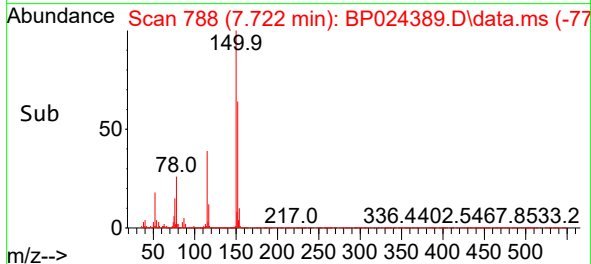
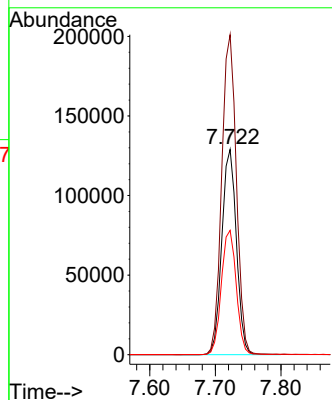
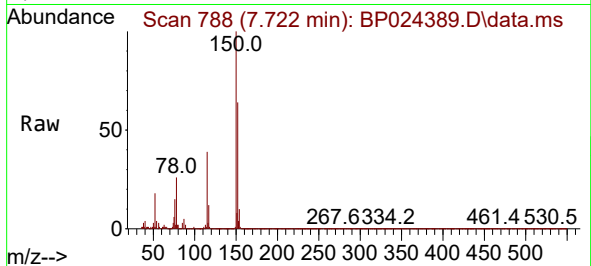




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

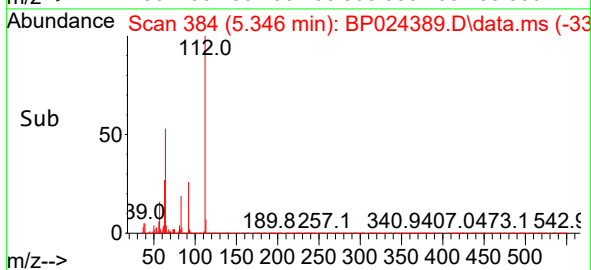
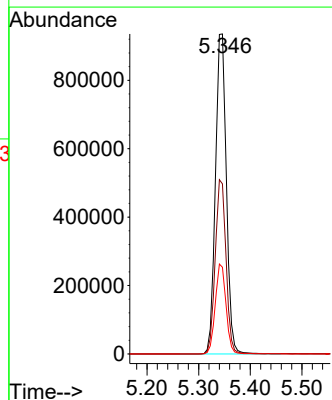
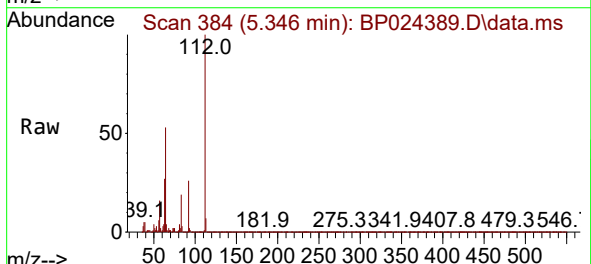
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-14

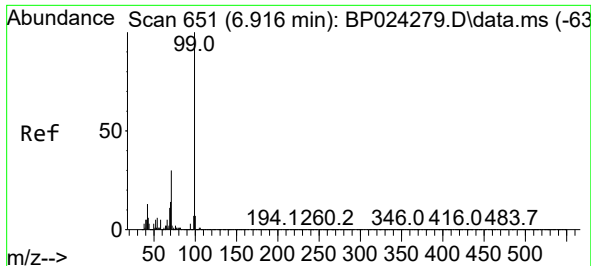
Tgt Ion:152 Resp: 198316
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 60.5 47.7 71.5



#5
2-Fluorophenol
Concen: 114.448 ng
RT: 5.346 min Scan# 384
Delta R.T. 0.000 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

Tgt Ion:112 Resp: 1372692
Ion Ratio Lower Upper
112 100
64 53.2 41.1 61.7
63 27.1 20.6 30.8

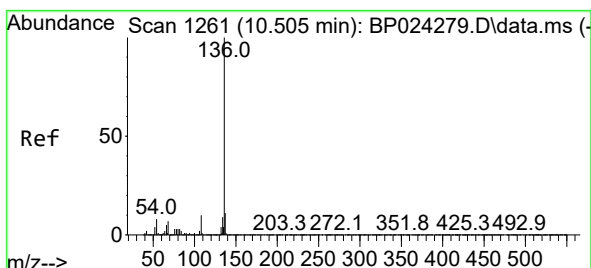
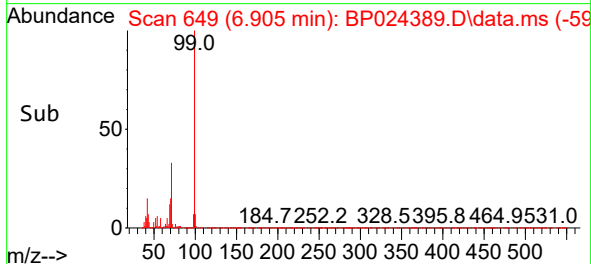
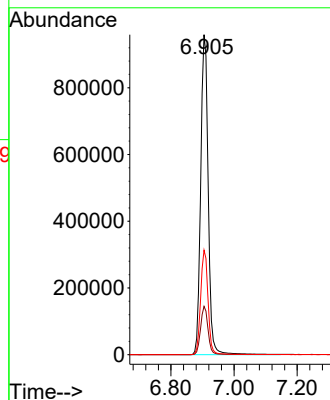
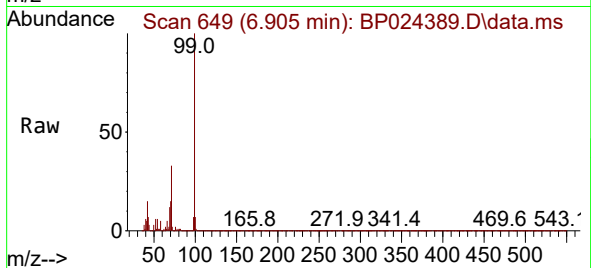




#7
Phenol-d6
Concen: 96.123 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

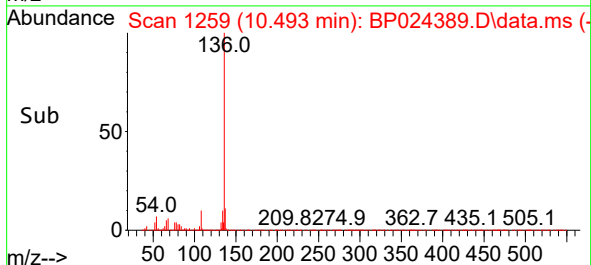
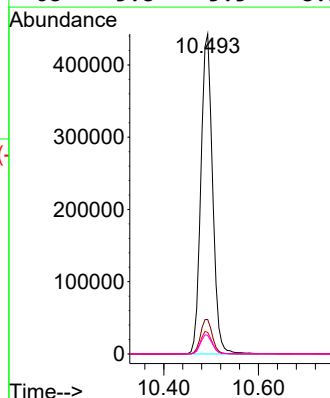
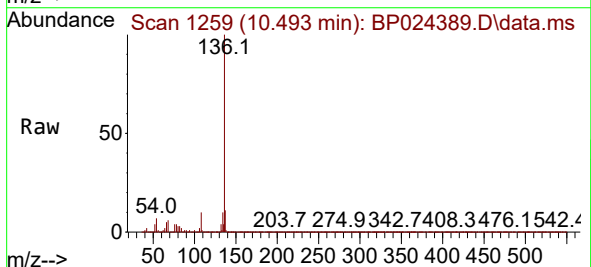
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-14

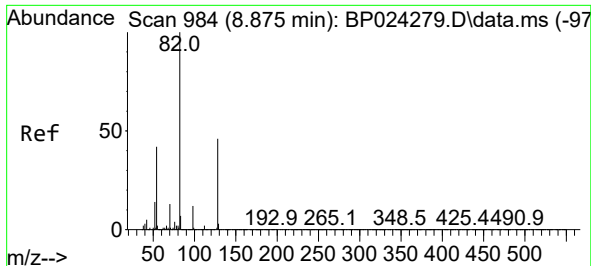
Tgt Ion: 99 Resp: 1578643
Ion Ratio Lower Upper
99 100
42 15.1 10.6 16.0
71 32.6 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

Tgt Ion: 136 Resp: 759585
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.7 6.0 9.0
68 5.8 5.5 8.3

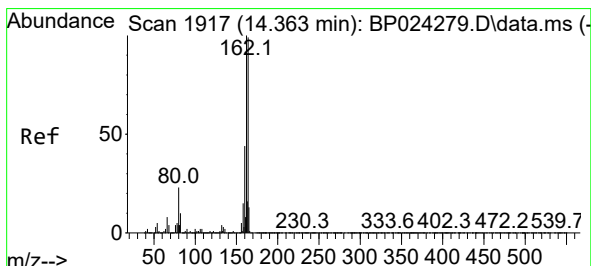
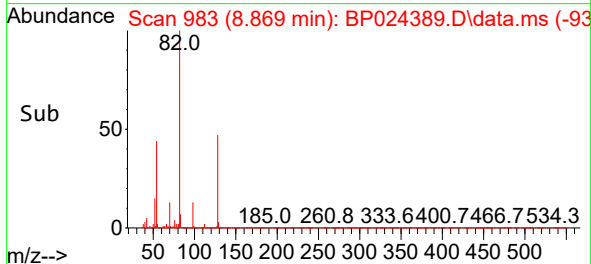
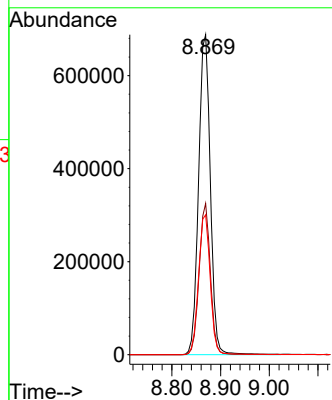
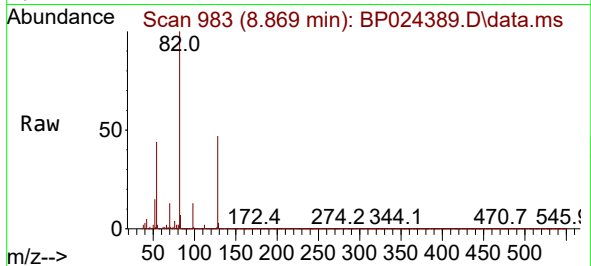




#23
Nitrobenzene-d5
Concen: 86.794 ng
RT: 8.869 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

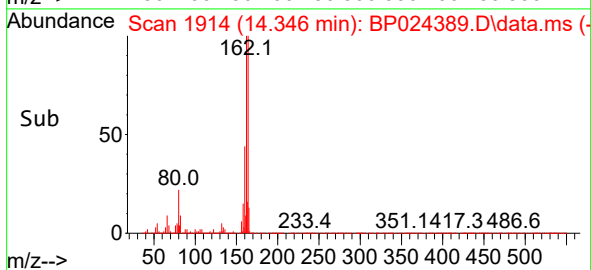
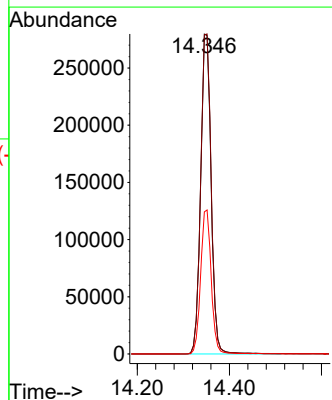
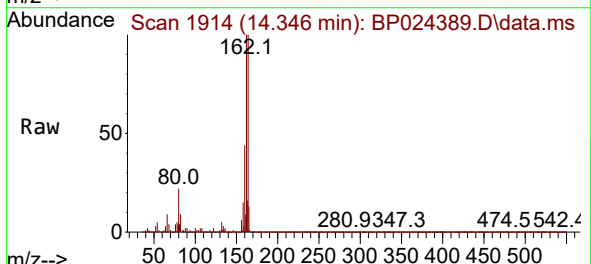
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-14

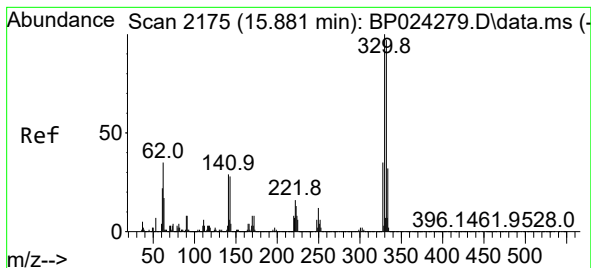
Tgt Ion: 82 Resp: 1156197
Ion Ratio Lower Upper
82 100
128 47.2 36.5 54.7
54 43.7 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.346 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

Tgt Ion: 164 Resp: 441303
Ion Ratio Lower Upper
164 100
162 99.8 80.6 120.8
160 44.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 135.220 ng

RT: 15.851 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024389.D

Acq: 22 Apr 2025 22:11

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-14

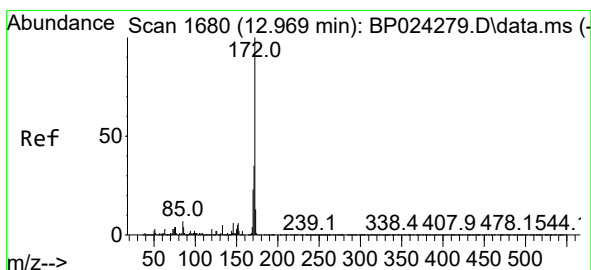
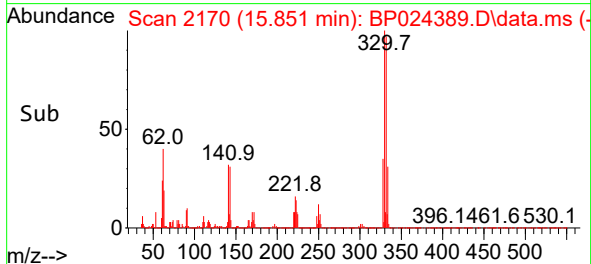
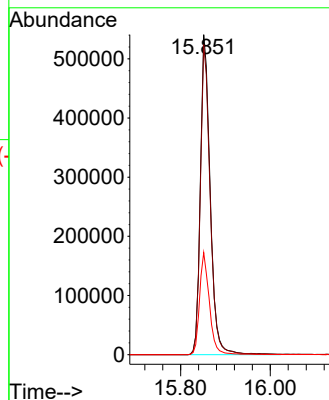
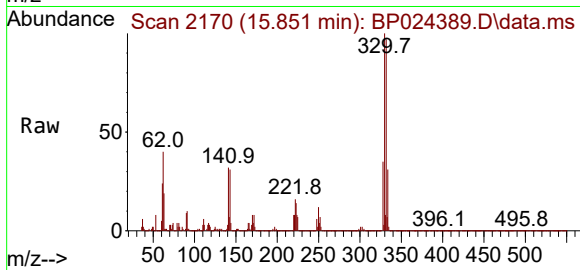
Tgt Ion:330 Resp: 825605

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 31.9 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 85.034 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024389.D

Acq: 22 Apr 2025 22:11

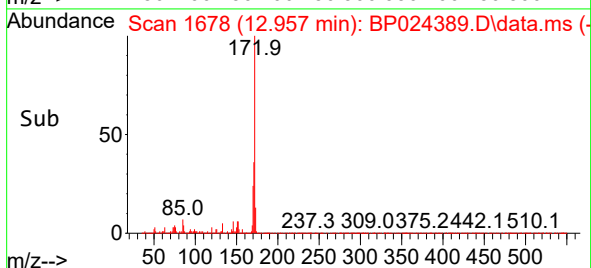
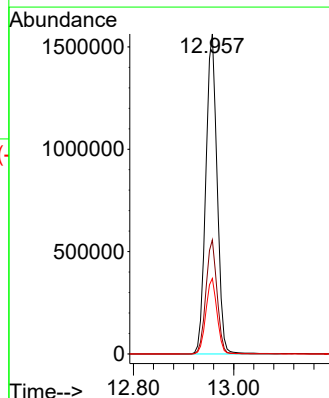
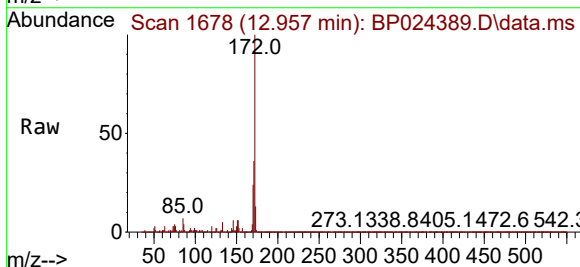
Tgt Ion:172 Resp: 2450885

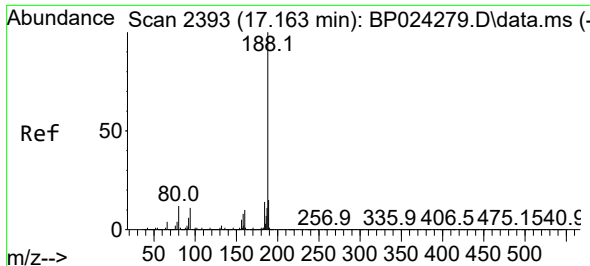
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.6 18.6 27.8

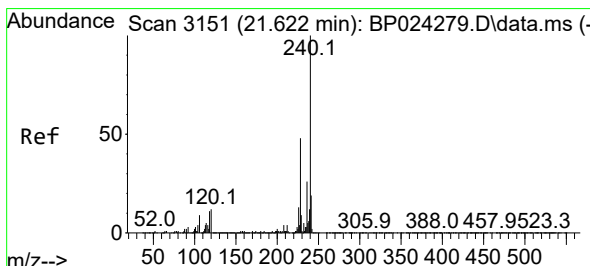
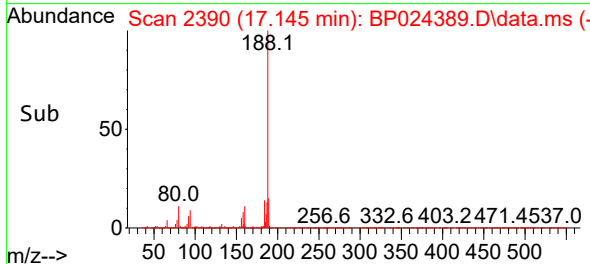
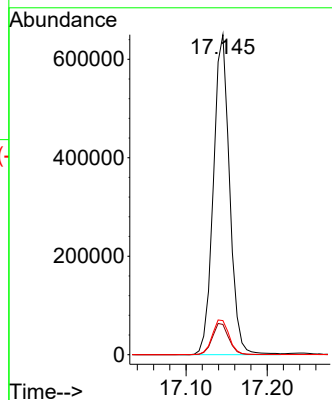
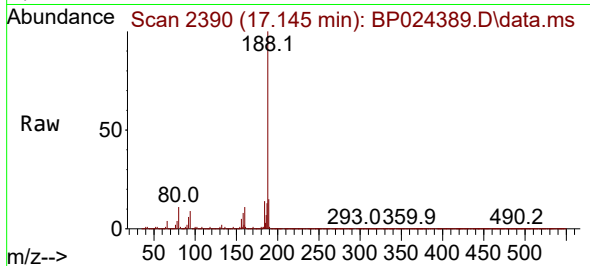




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

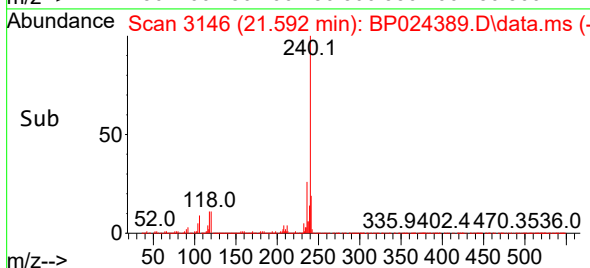
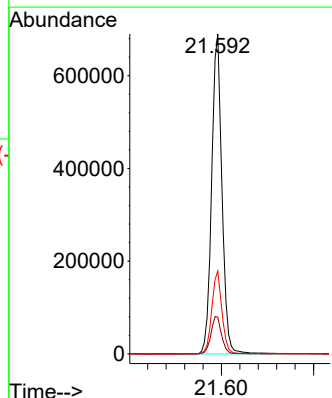
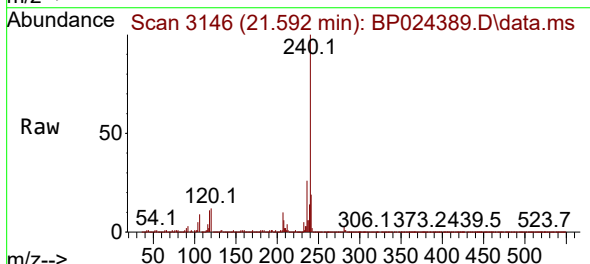
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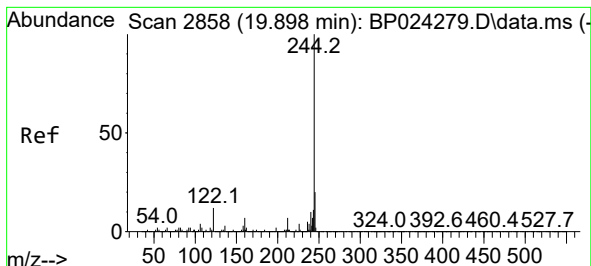
Tgt Ion:188 Resp: 901802
Ion Ratio Lower Upper
188 100
94 9.5 8.6 13.0
80 10.6 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024389.D
Acq: 22 Apr 2025 22:11

Tgt Ion:240 Resp: 1073319
Ion Ratio Lower Upper
240 100
120 11.5 9.8 14.8
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 85.879 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024389.D

Acq: 22 Apr 2025 22:11

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-14

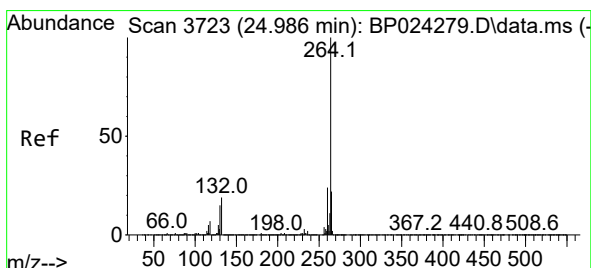
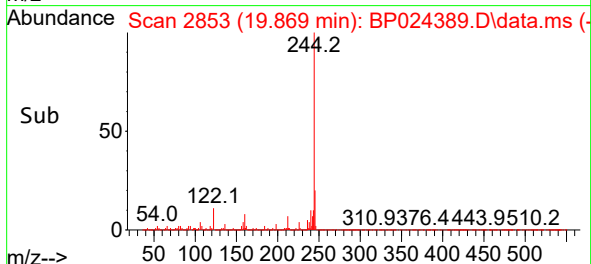
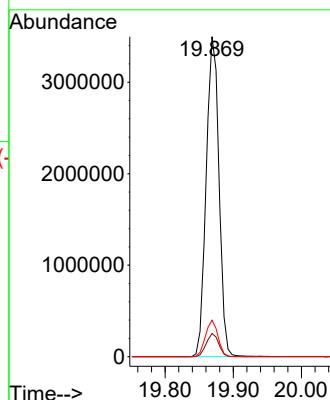
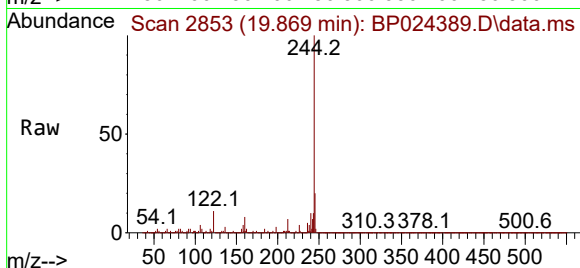
Tgt Ion:244 Resp: 4573002

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.939 min Scan# 3715

Delta R.T. 0.006 min

Lab File: BP024389.D

Acq: 22 Apr 2025 22:11

Tgt Ion:264 Resp: 1131393

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 22.0 17.8 26.6

