

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024385.D
 Acq On : 22 Apr 2025 19:28
 Operator : RC/JU
 Sample : Q1842-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-10

Quant Time: Apr 23 02:30:57 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	114168	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	424048	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	242770	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	423581	20.000	ng	0.00
76) Chrysene-d12	21.592	240	393017	20.000	ng	0.00
86) Perylene-d12	24.939	264	474788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	869243	125.889	ng	0.00
7) Phenol-d6	6.905	99	1023649	108.270	ng	0.00
23) Nitrobenzene-d5	8.863	82	686903	92.367	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	424823	126.479	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1473212	92.913	ng	0.00
79) Terphenyl-d14	19.875	244	1986988	101.905	ng	0.00

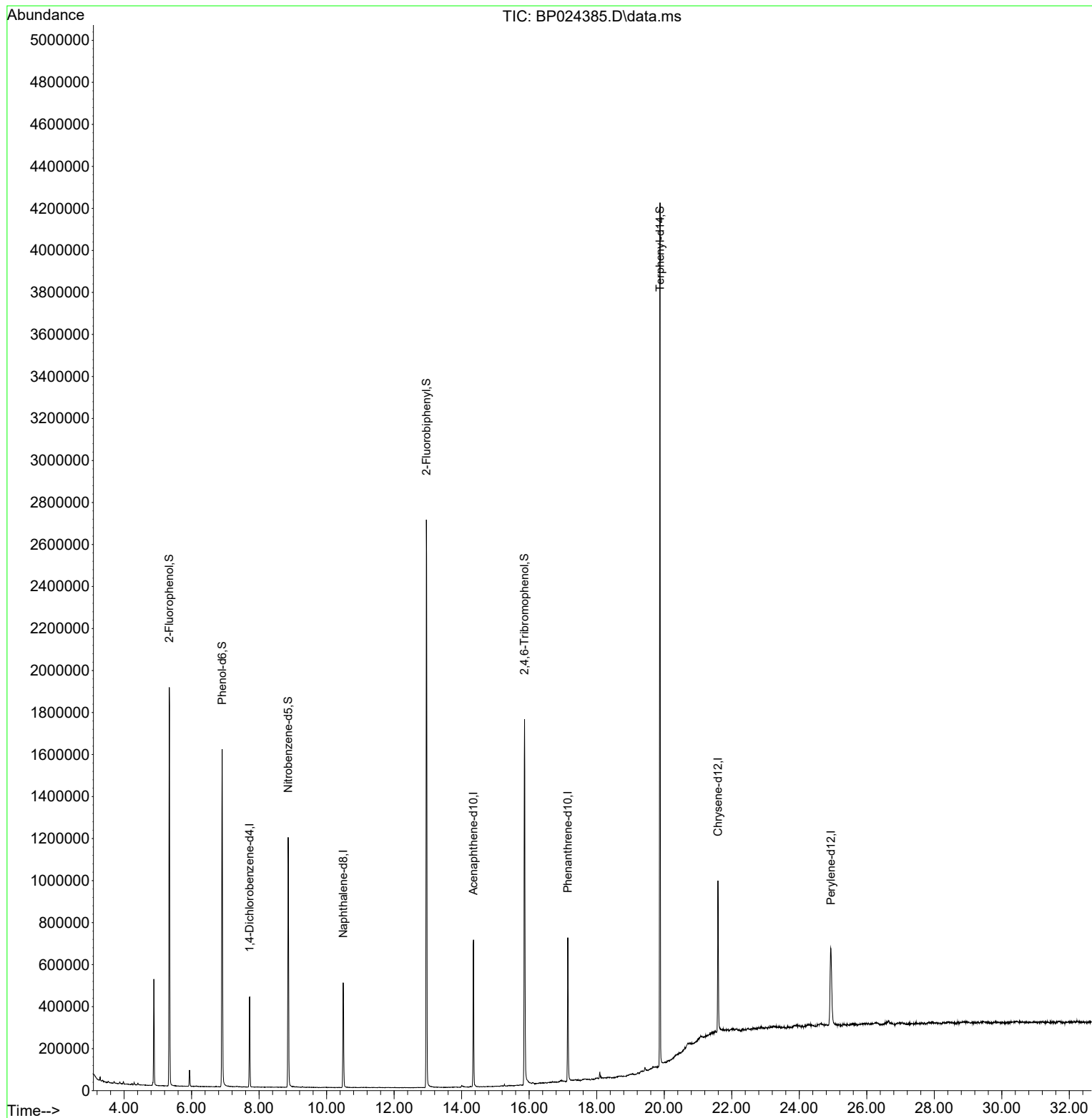
Target Compounds	Qvalue

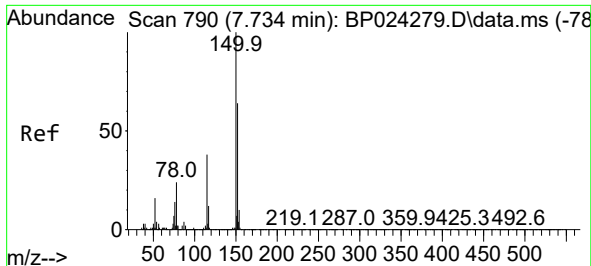
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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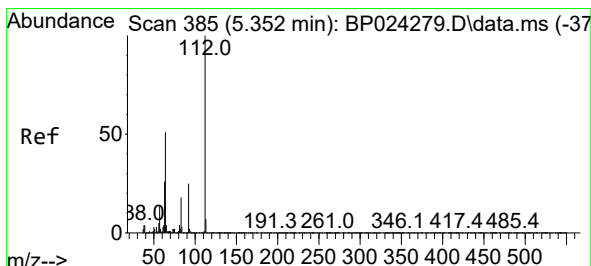
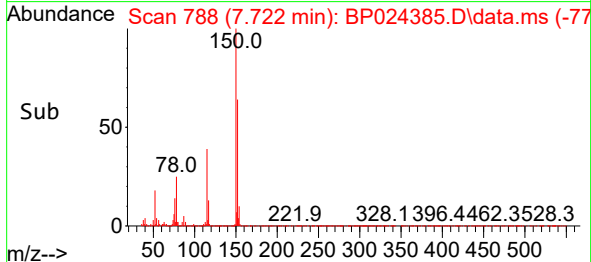
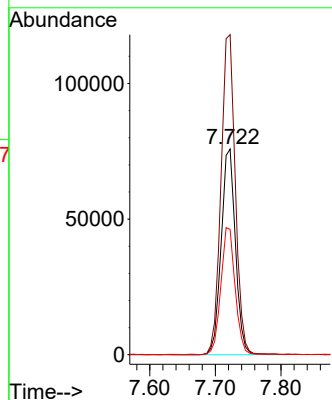
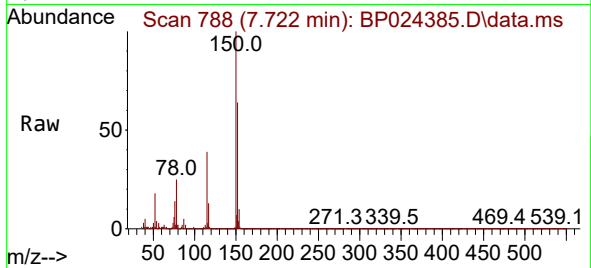




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

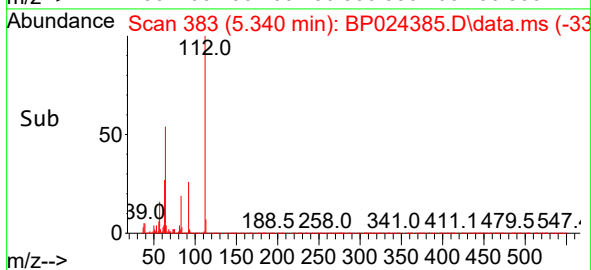
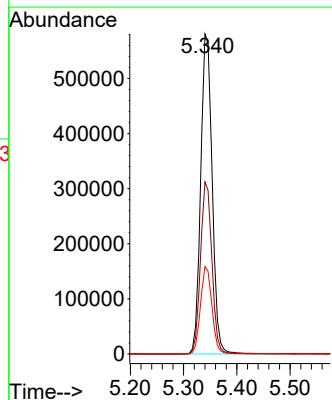
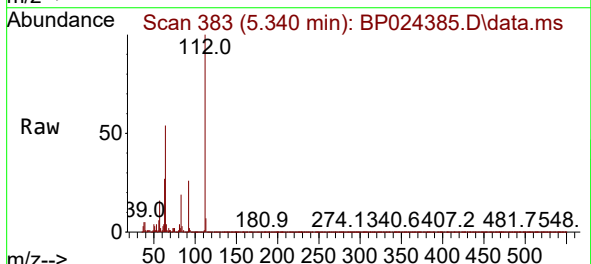
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

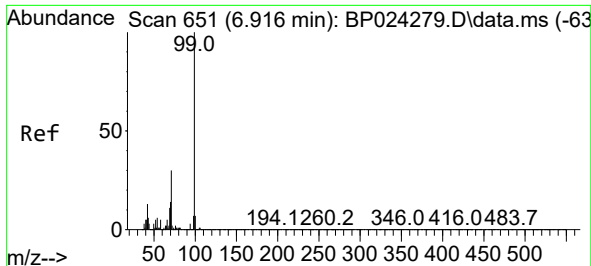
Tgt Ion:152 Resp: 114168
Ion Ratio Lower Upper
152 100
150 155.7 124.9 187.3
115 61.0 47.7 71.5



#5
2-Fluorophenol
Concen: 125.889 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

Tgt Ion:112 Resp: 869243
Ion Ratio Lower Upper
112 100
64 53.7 41.1 61.7
63 27.3 20.6 30.8

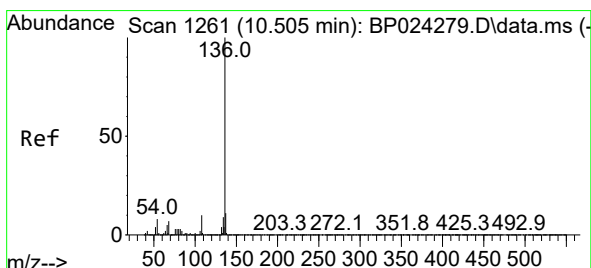
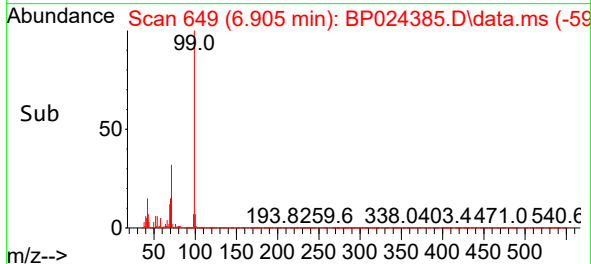
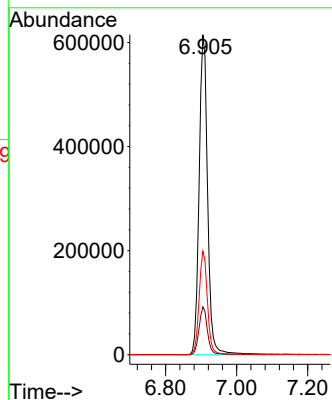
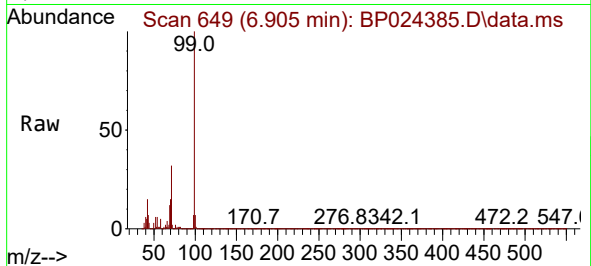




#7
Phenol-d6
Concen: 108.270 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

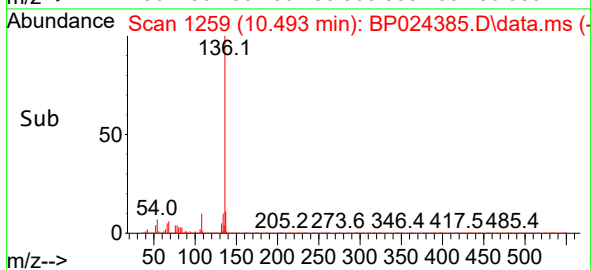
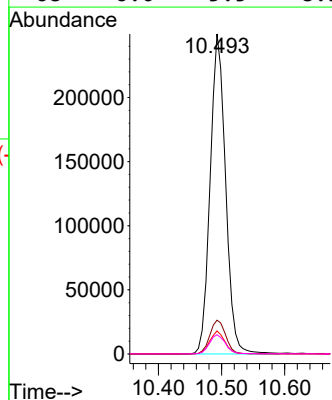
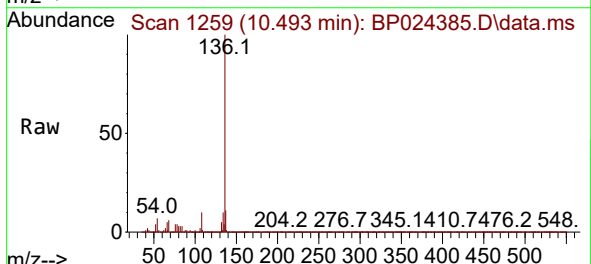
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

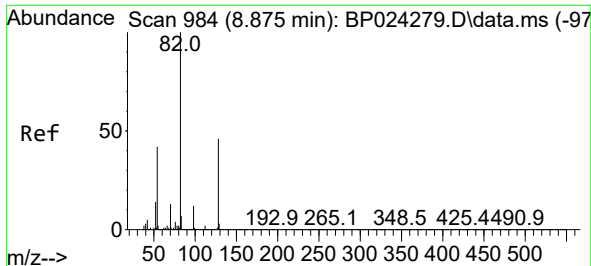
Tgt Ion: 99 Resp: 1023649
Ion Ratio Lower Upper
99 100
42 14.9 10.6 16.0
71 32.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

Tgt Ion: 136 Resp: 424048
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 7.2 6.0 9.0
68 6.0 5.5 8.3

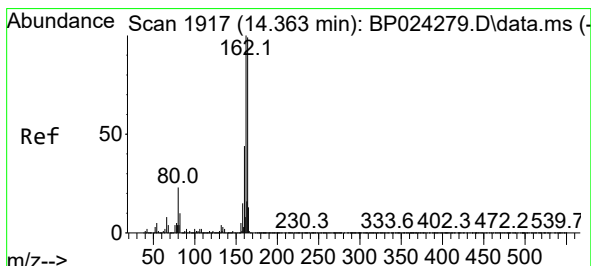
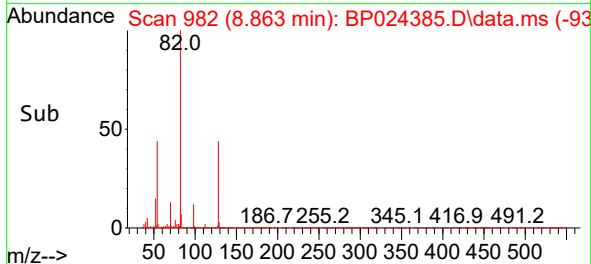
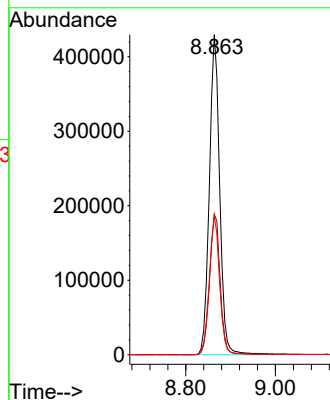
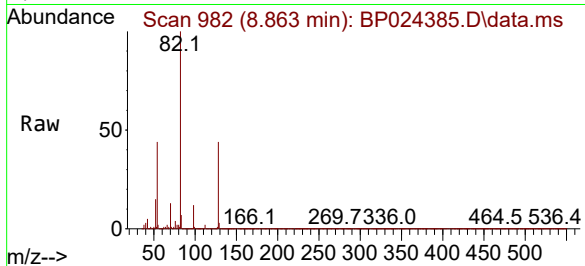




#23
Nitrobenzene-d5
Concen: 92.367 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

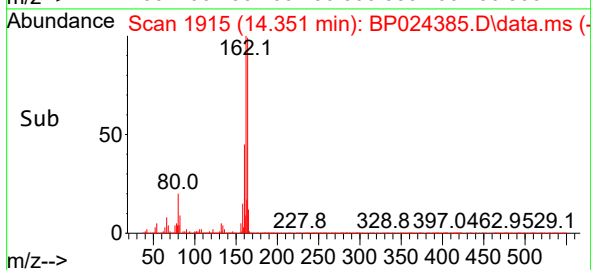
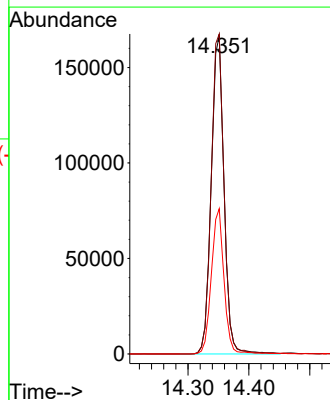
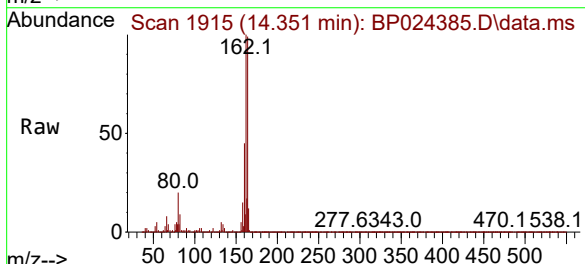
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

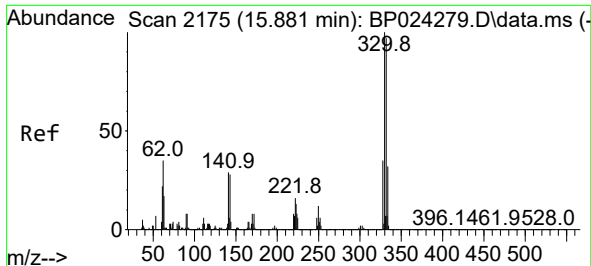
Tgt Ion: 82 Resp: 686903
Ion Ratio Lower Upper
82 100
128 43.9 36.5 54.7
54 43.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

Tgt Ion: 164 Resp: 242770
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.7 35.3 52.9

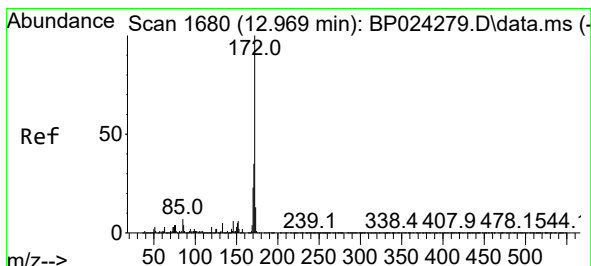
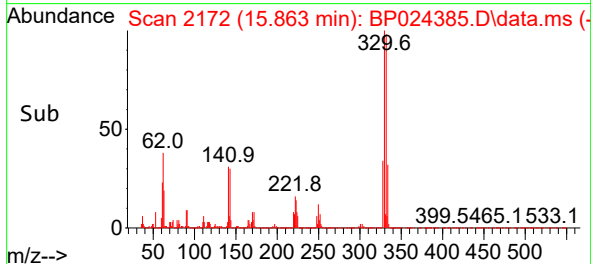
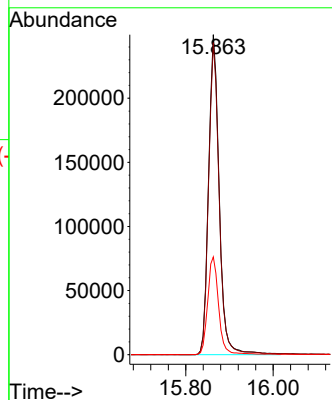
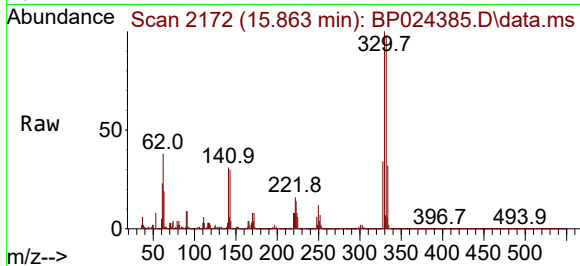




#42
2,4,6-Tribromophenol
Concen: 126.479 ng
RT: 15.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

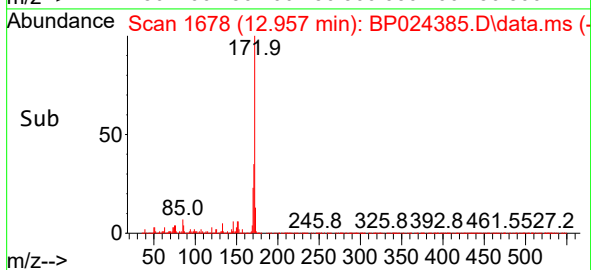
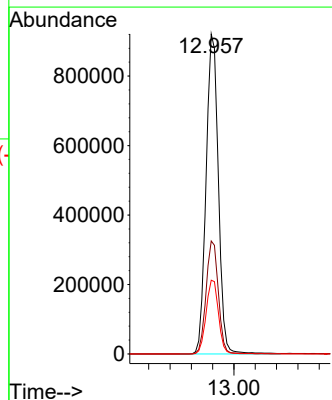
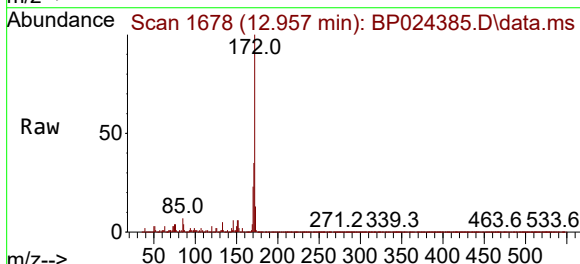
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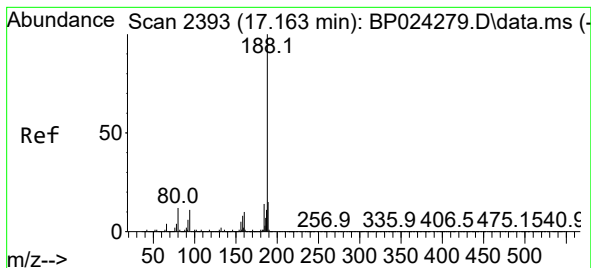
Tgt Ion:330 Resp: 424823
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 31.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.913 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024385.D
Acq: 22 Apr 2025 19:28

Tgt Ion:172 Resp: 1473212
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.1 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: BP024385.D

Acq: 22 Apr 2025 19:28

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10

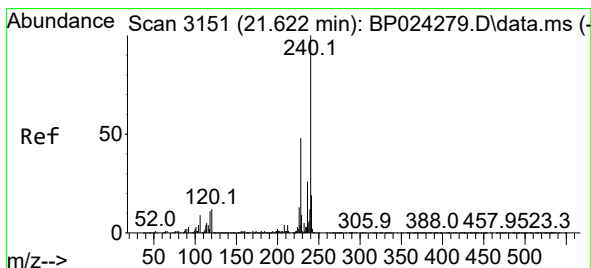
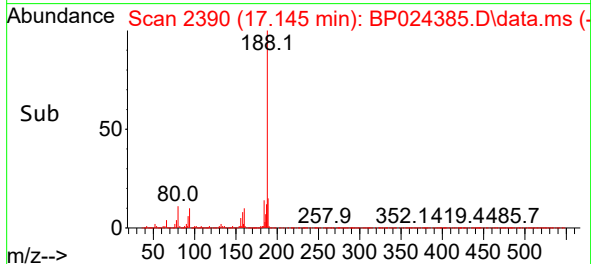
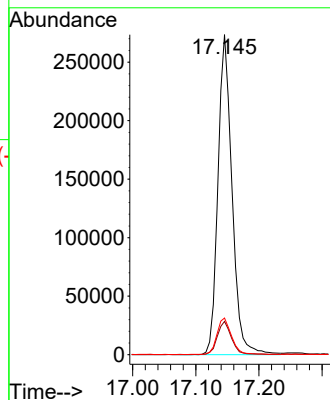
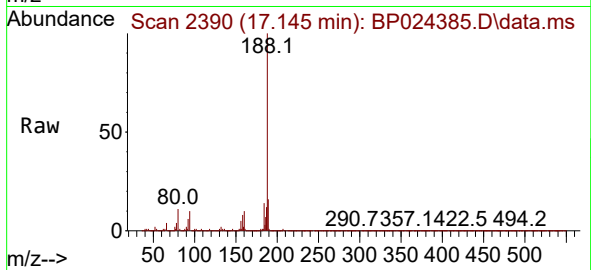
Tgt Ion:188 Resp: 423581

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: 21.592 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BP024385.D

Acq: 22 Apr 2025 19:28

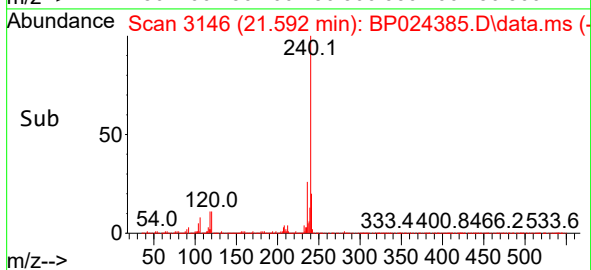
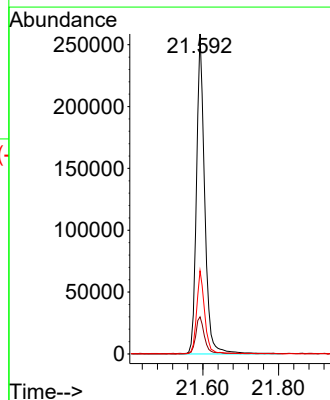
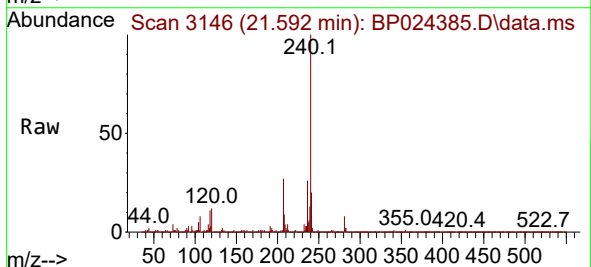
Tgt Ion:240 Resp: 393017

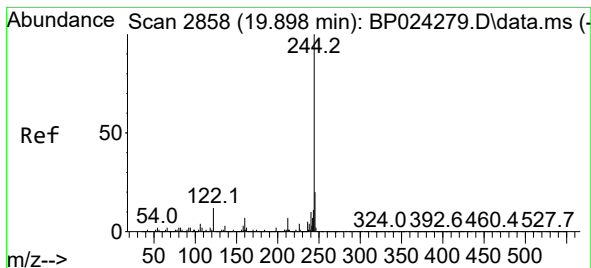
Ion Ratio Lower Upper

240 100

120 11.6 9.8 14.8

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 101.905 ng

RT: 19.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP024385.D

Acq: 22 Apr 2025 19:28

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10

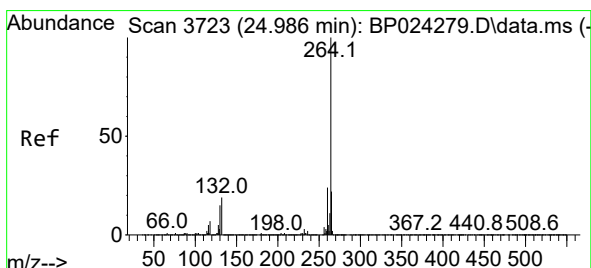
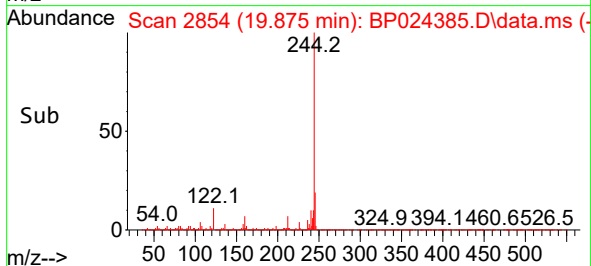
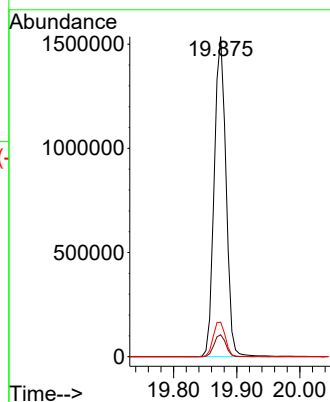
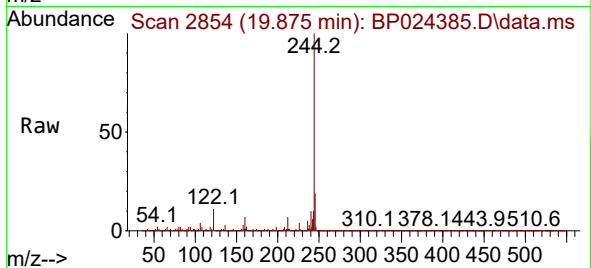
Tgt Ion:244 Resp: 1986988

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.8 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: BP024385.D

Acq: 22 Apr 2025 19:28

Tgt Ion:264 Resp: 474788

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.6 17.8 26.6

