

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024395.D
 Acq On : 23 Apr 2025 14:12
 Operator : RC/JU
 Sample : Q1842-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Apr 23 14:44:57 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	7.716	152	152487	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	591920	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	345130	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	683399	20.000	ng	0.00
76) Chrysene-d12	21.592	240	1002679	20.000	ng	0.00
86) Perylene-d12	24.927	264	1337421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1163193	126.128	ng	0.00
7) Phenol-d6	6.905	99	1392486	110.270	ng	0.00
23) Nitrobenzene-d5	8.863	82	939821	90.535	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	720510	150.890	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2061670	91.462	ng	0.00
79) Terphenyl-d14	19.881	244	4015519	80.722	ng	0.00

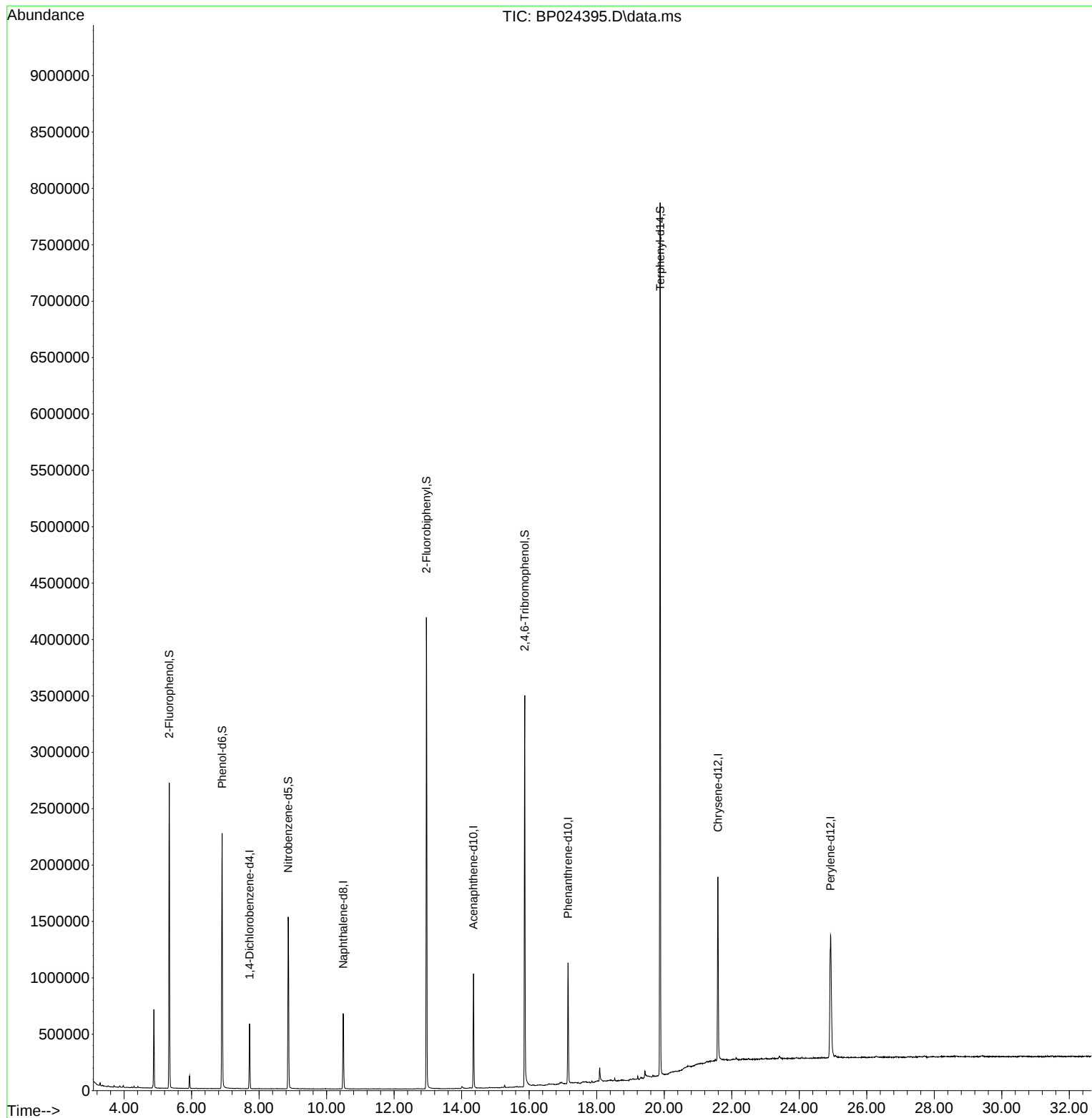
Target Compounds	Qvalue

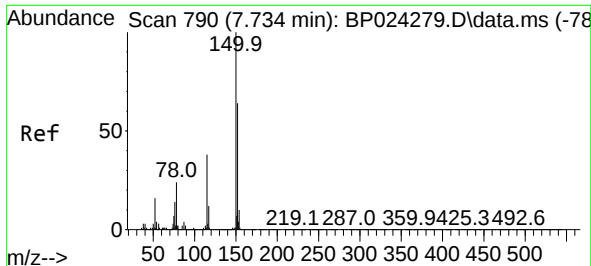
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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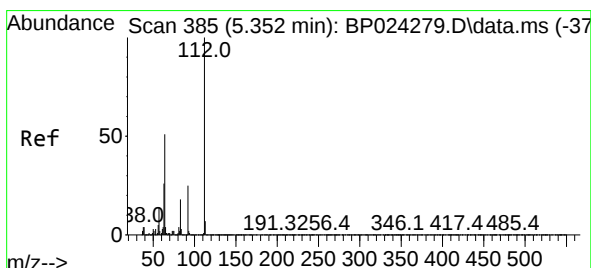
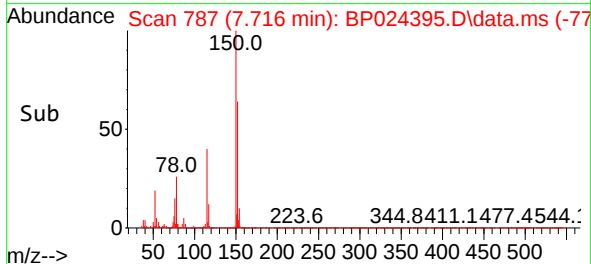
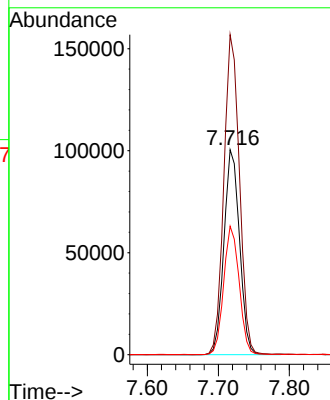
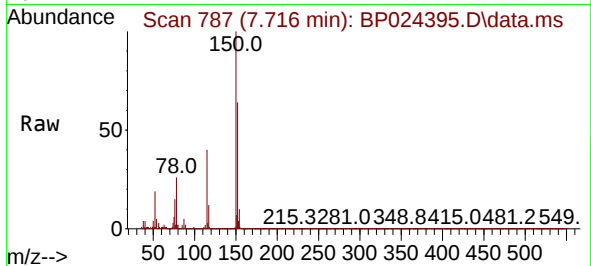




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

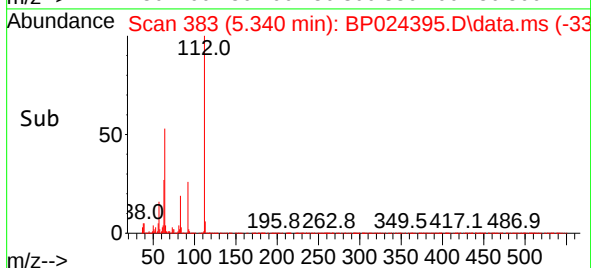
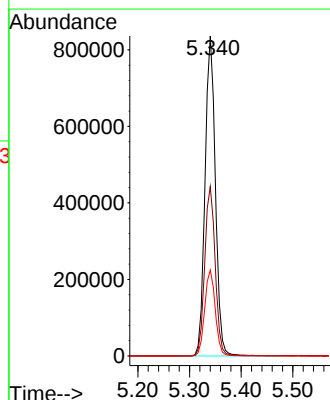
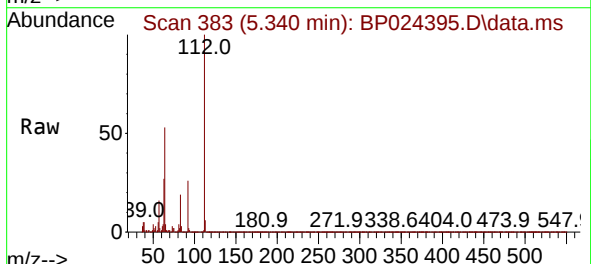
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

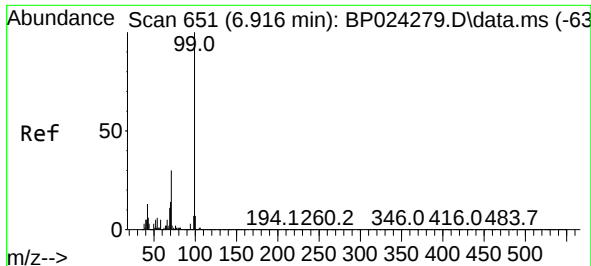
Tgt Ion:152 Resp: 152487
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 62.7 47.7 71.5



#5
2-Fluorophenol
Concen: 126.128 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

Tgt Ion:112 Resp: 1163193
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 26.8 20.6 30.8

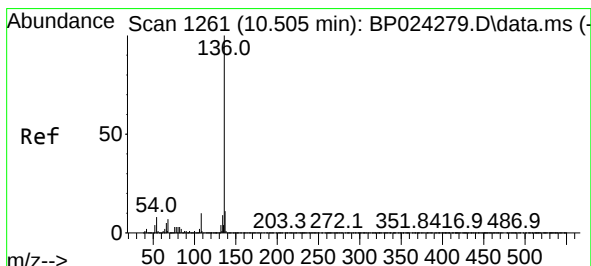
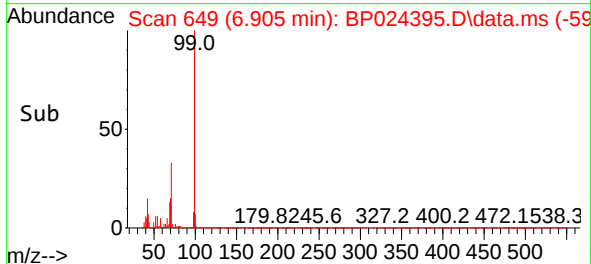
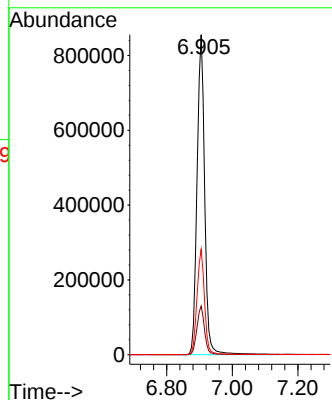
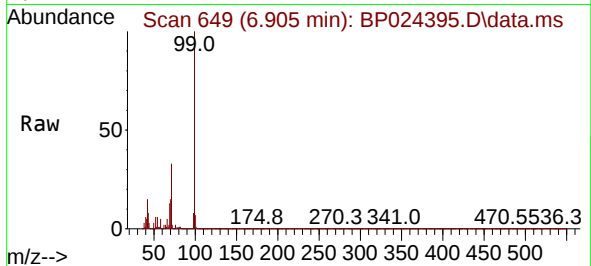




#7
Phenol-d6
Concen: 110.270 ng
RT: 6.905 min Scan# 649
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

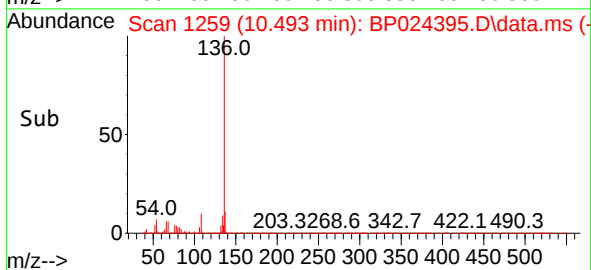
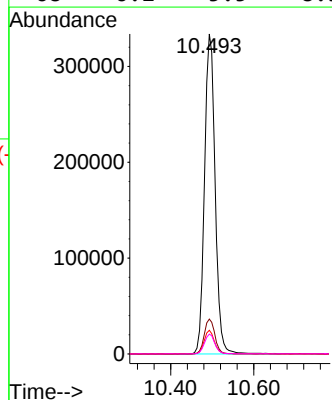
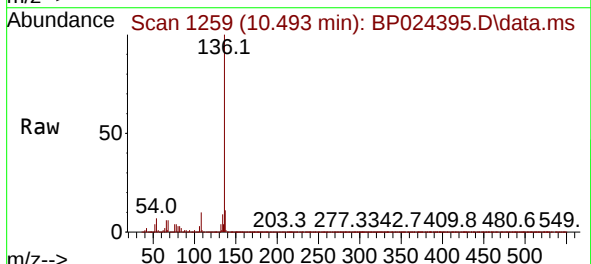
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

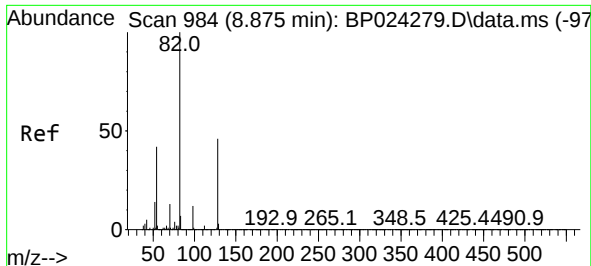
Tgt Ion: 99 Resp: 1392486
Ion Ratio Lower Upper
99 100
42 15.1 10.6 16.0
71 32.9 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.493 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

Tgt Ion: 136 Resp: 591920
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.4 6.0 9.0
68 6.2 5.5 8.3

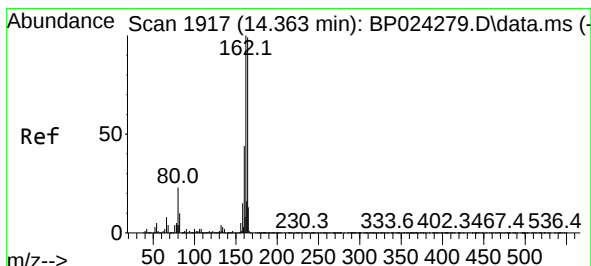
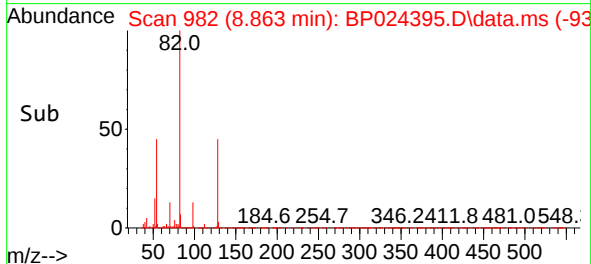
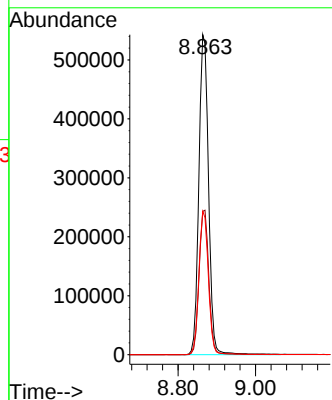
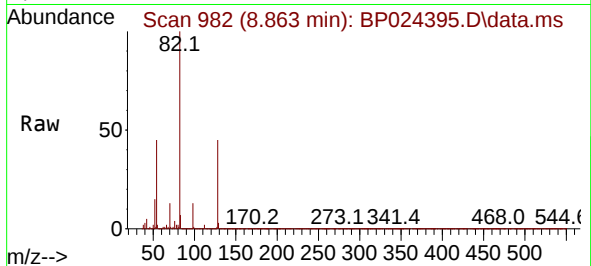




#23
Nitrobenzene-d5
Concen: 90.535 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

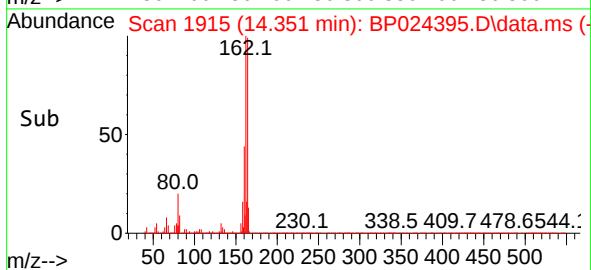
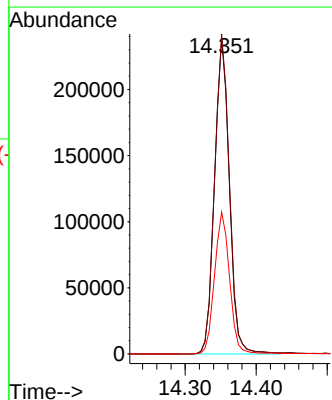
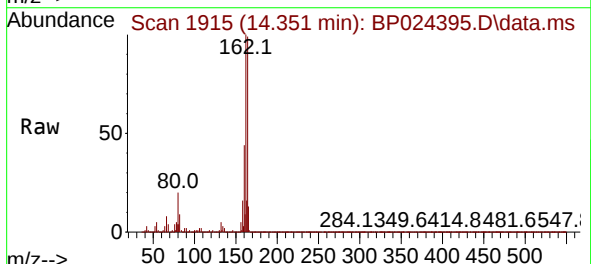
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-10

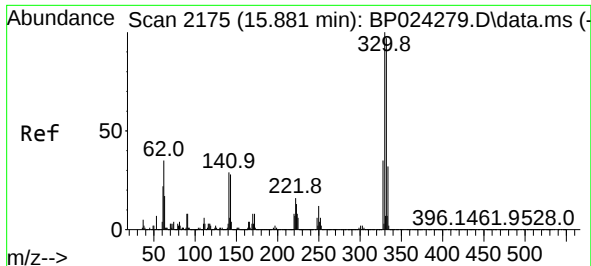
Tgt Ion: 82 Resp: 939821
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 44.8 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.351 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

Tgt Ion: 164 Resp: 345130
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.9 35.3 52.9

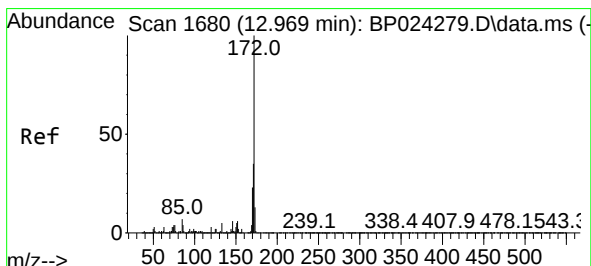
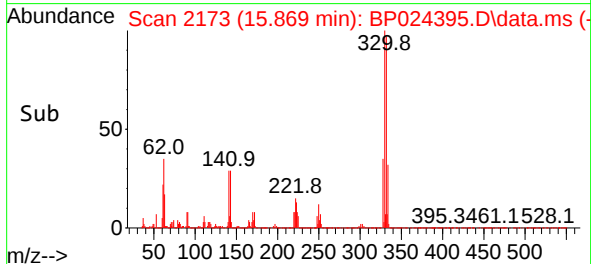
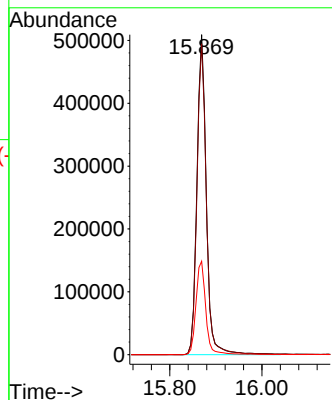
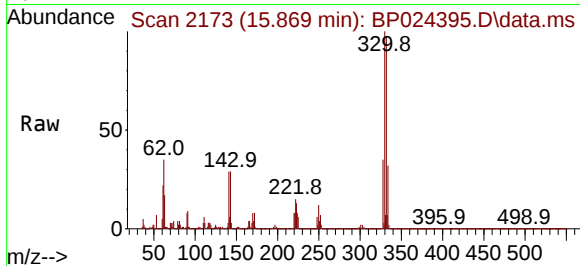




#42
2,4,6-Tribromophenol
Concen: 150.890 ng
RT: 15.869 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

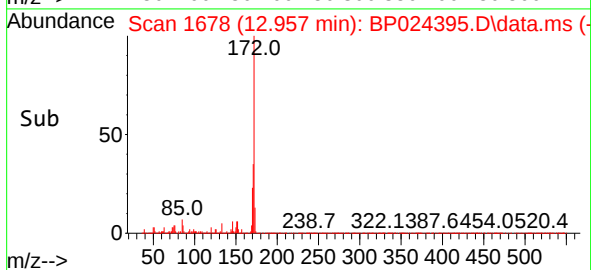
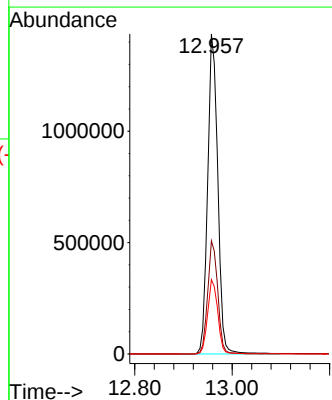
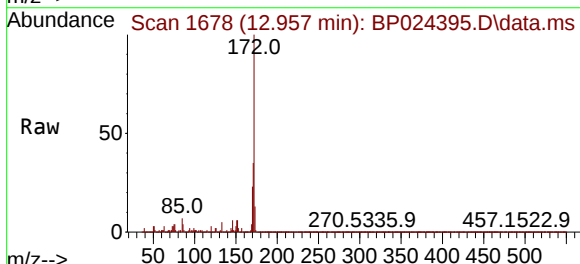
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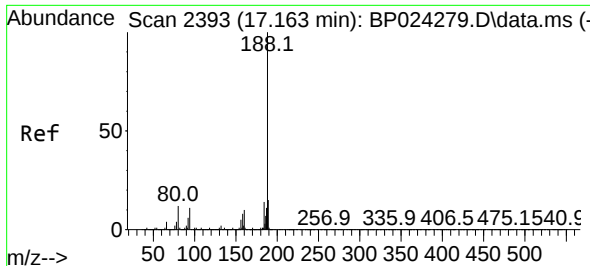
Tgt Ion:330 Resp: 720510
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 30.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 91.462 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

Tgt Ion:172 Resp: 2061670
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.2 18.6 27.8

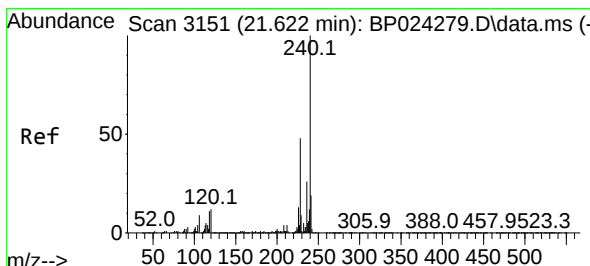
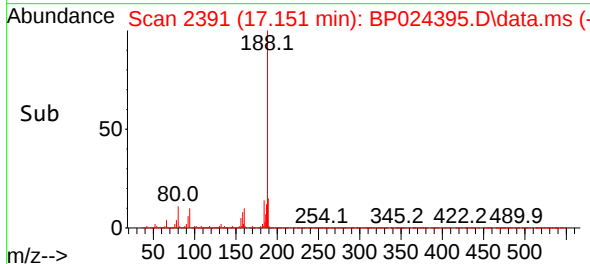
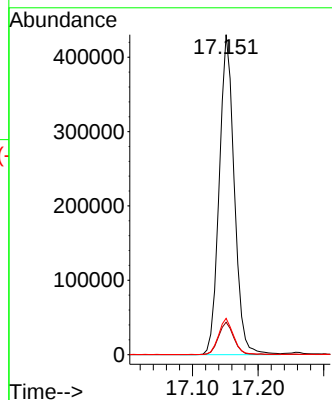
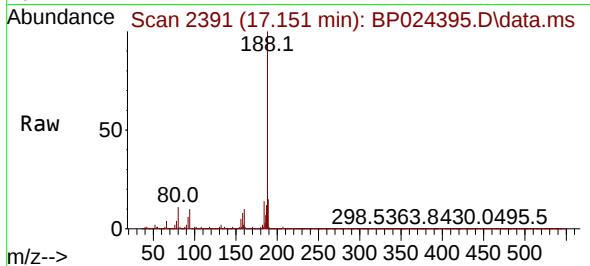




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

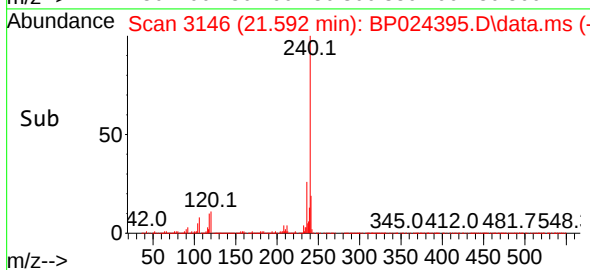
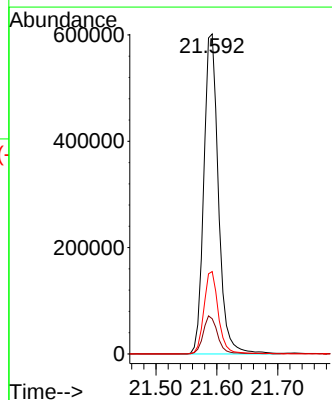
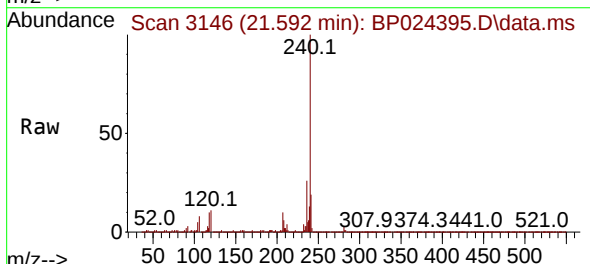
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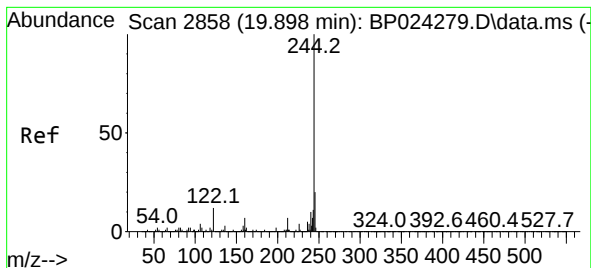
Tgt Ion:188 Resp: 683399
Ion Ratio Lower Upper
188 100
94 10.2 8.6 13.0
80 11.3 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BP024395.D
Acq: 23 Apr 2025 14:12

Tgt Ion:240 Resp: 1002679
Ion Ratio Lower Upper
240 100
120 11.0 9.8 14.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 80.722 ng

RT: 19.881 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP024395.D

Acq: 23 Apr 2025 14:12

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-10

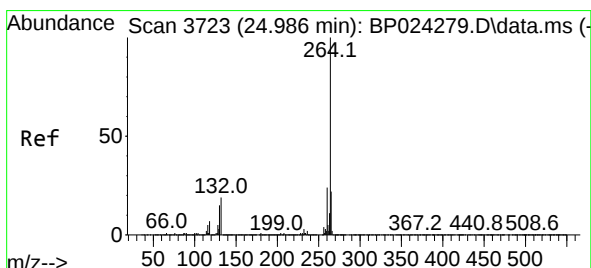
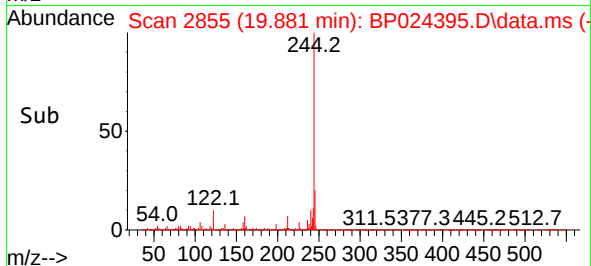
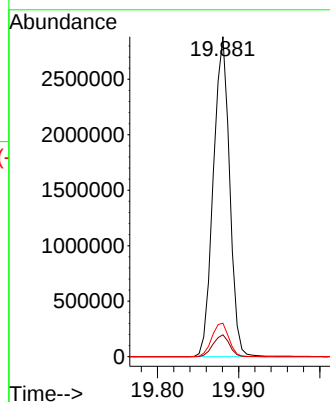
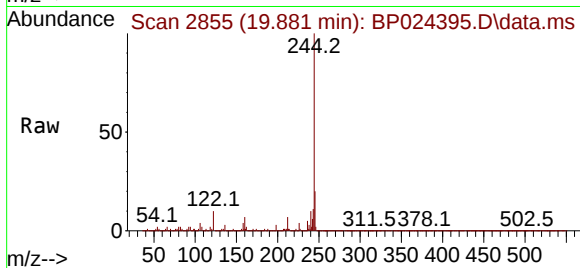
Tgt Ion:244 Resp: 4015519

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.4 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.927 min Scan# 3713

Delta R.T. -0.006 min

Lab File: BP024395.D

Acq: 23 Apr 2025 14:12

Tgt Ion:264 Resp: 1337421

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 22.3 17.8 26.6

