

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
 Data File : BP024383.D
 Acq On : 22 Apr 2025 18:06
 Operator : RC/JU
 Sample : Q1842-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PL-714-COMP-08

Quant Time: Apr 22 18:26:59 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	202339	20.000	ng	0.00
21) Naphthalene-d8	10.492	136	784490	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	454505	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	882766	20.000	ng	0.00
76) Chrysene-d12	21.586	240	998565	20.000	ng	0.00
86) Perylene-d12	24.945	264	1132795	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1560872	127.550	ng	0.00
7) Phenol-d6	6.910	99	1872459	111.746	ng	0.00
23) Nitrobenzene-d5	8.869	82	1222787	88.879	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	888587	141.308	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2582506	86.998	ng	0.00
79) Terphenyl-d14	19.874	244	4594547	92.743	ng	0.00

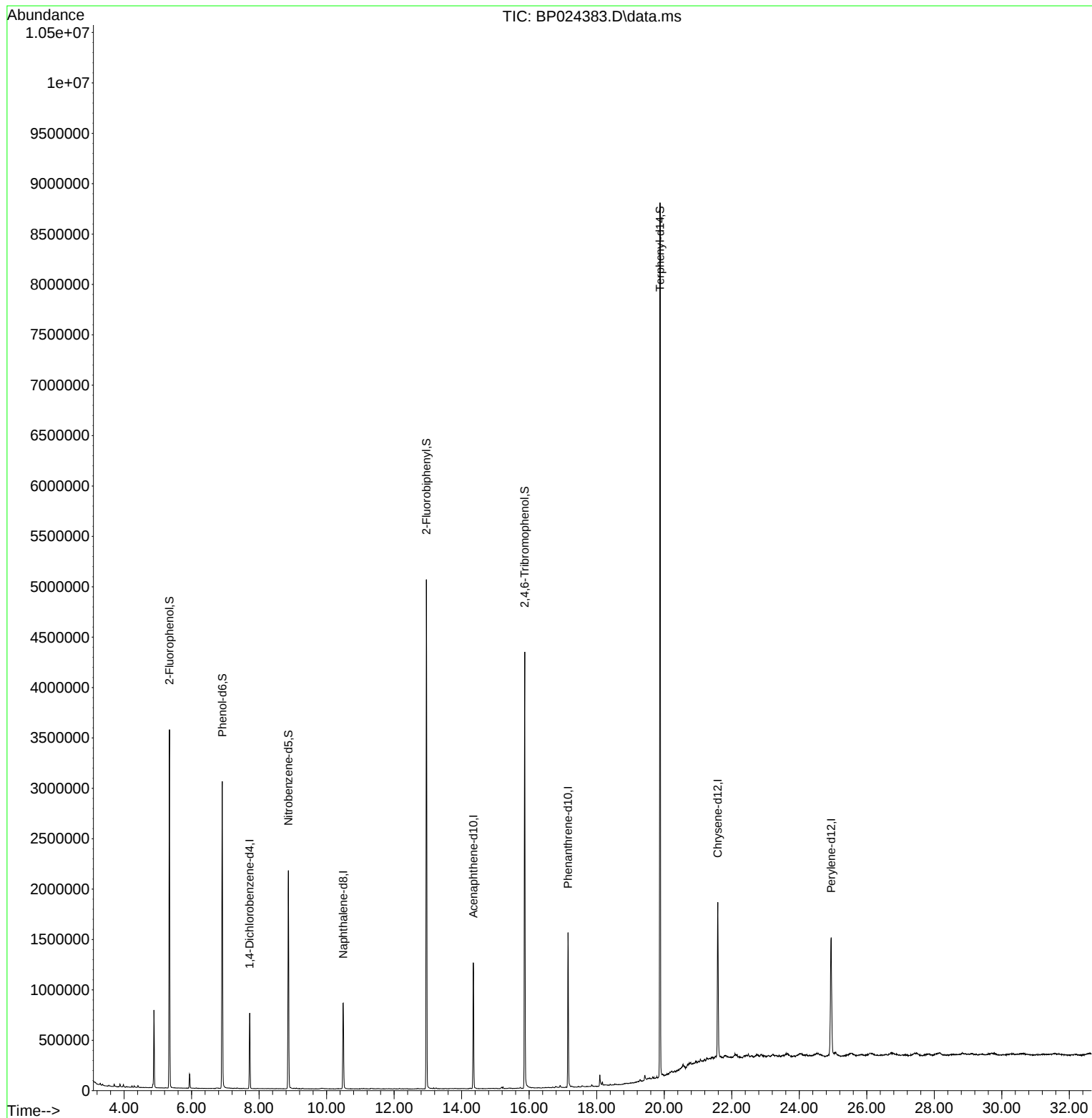
Target Compounds	Qvalue

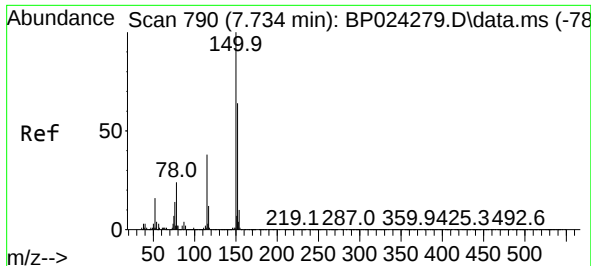
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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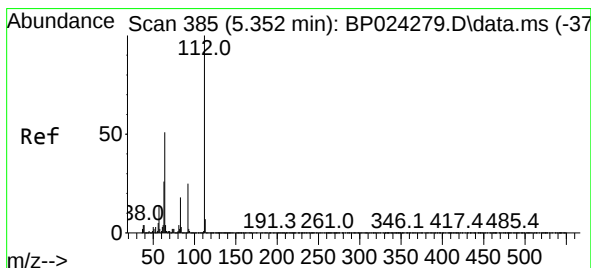
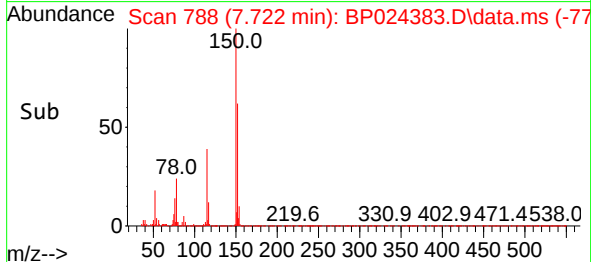
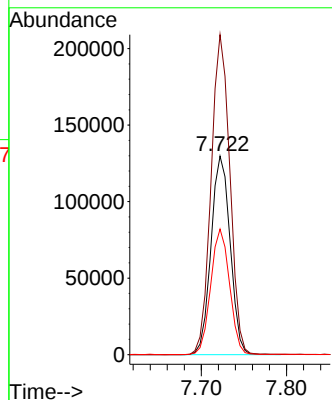
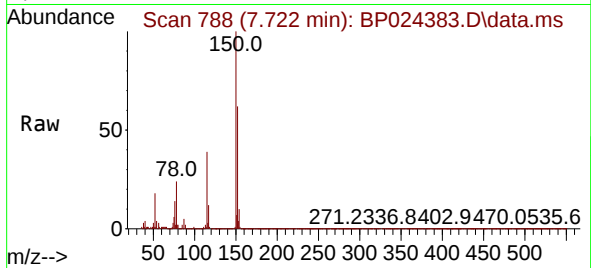




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

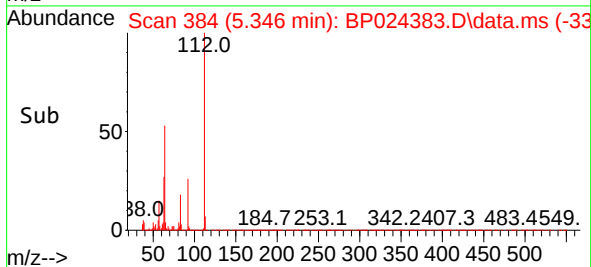
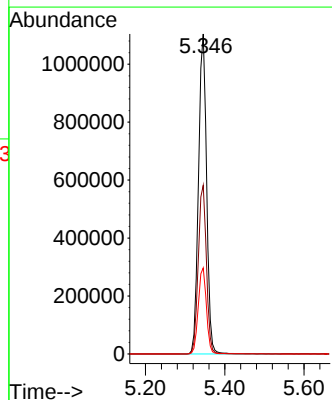
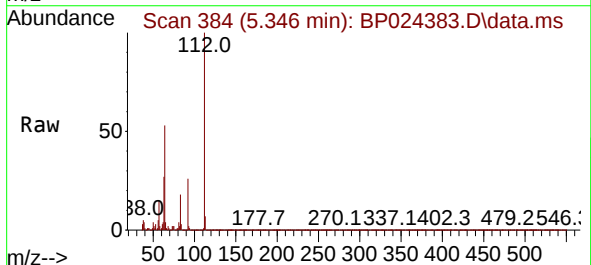
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08

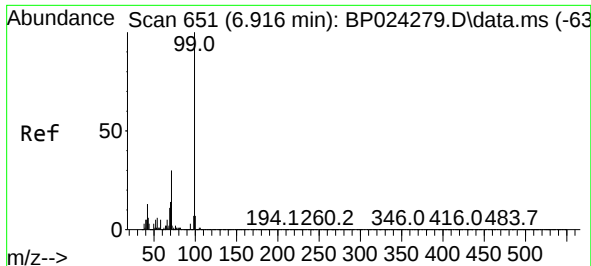
Tgt Ion:152 Resp: 202339
Ion Ratio Lower Upper
152 100
150 161.2 124.9 187.3
115 63.3 47.7 71.5



#5
2-Fluorophenol
Concen: 127.550 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.000 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

Tgt Ion:112 Resp: 1560872
Ion Ratio Lower Upper
112 100
64 52.7 41.1 61.7
63 26.9 20.6 30.8

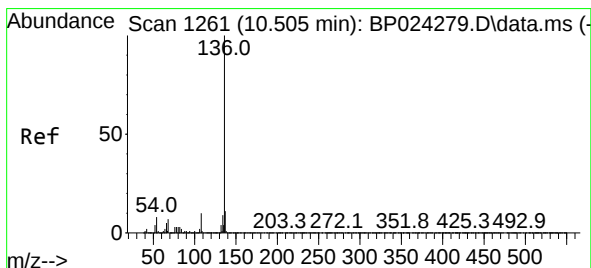
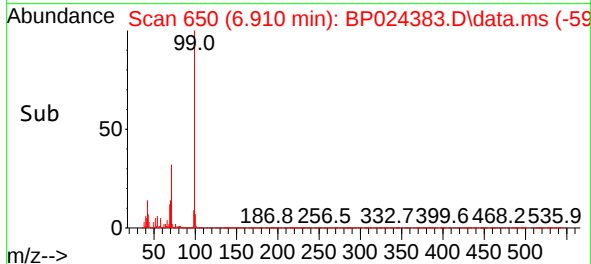
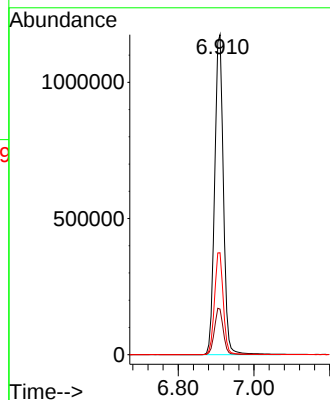
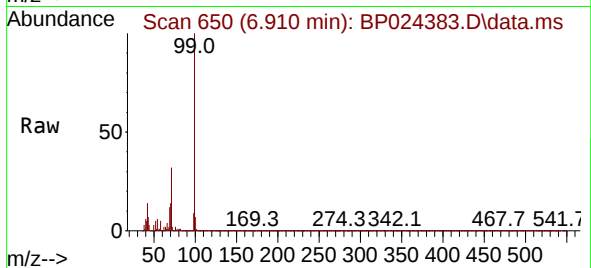




#7
Phenol-d6
Concen: 111.746 ng
RT: 6.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

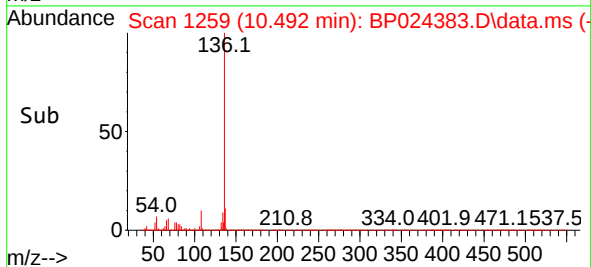
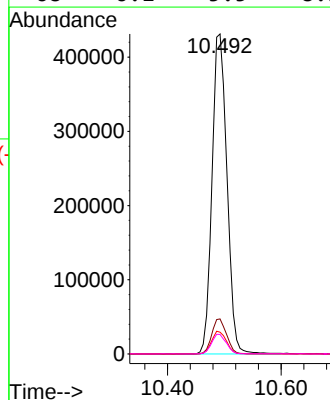
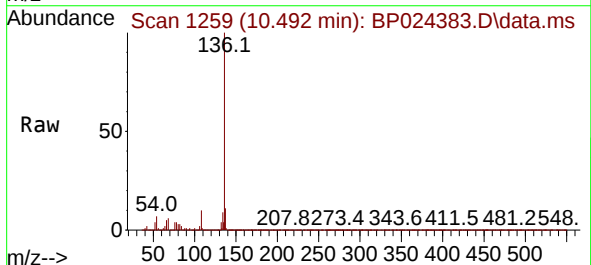
Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08

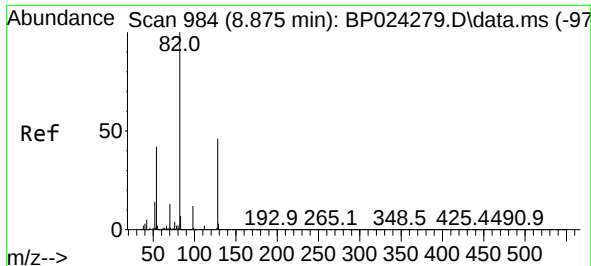
Tgt Ion: 99 Resp: 1872459
Ion Ratio Lower Upper
99 100
42 14.3 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.492 min Scan# 1259
Delta R.T. -0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

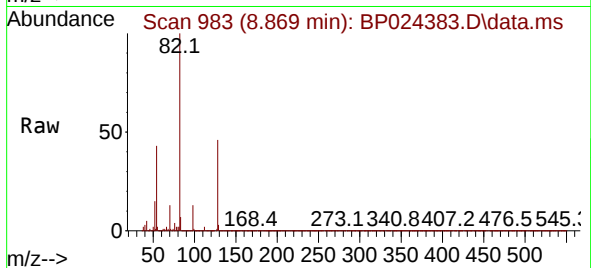
Tgt Ion:136 Resp: 784490
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 6.8 6.0 9.0
68 6.1 5.5 8.3



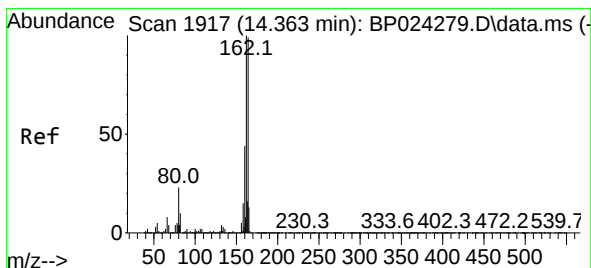
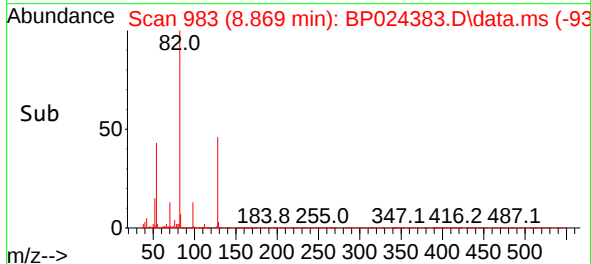
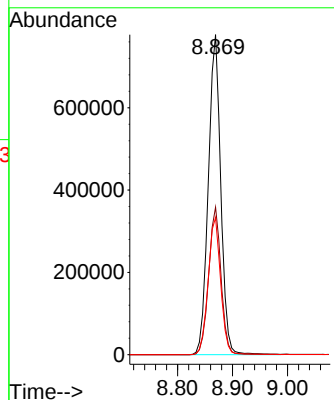


#23
Nitrobenzene-d5
Concen: 88.879 ng
RT: 8.869 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08

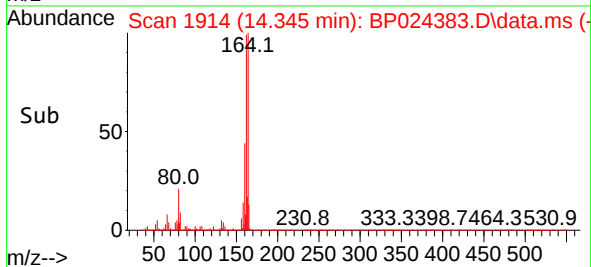
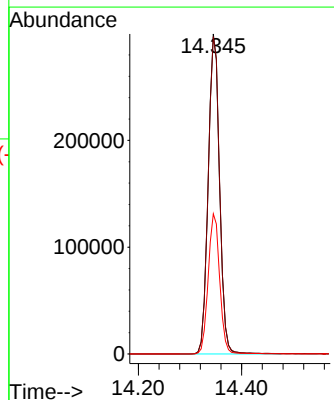
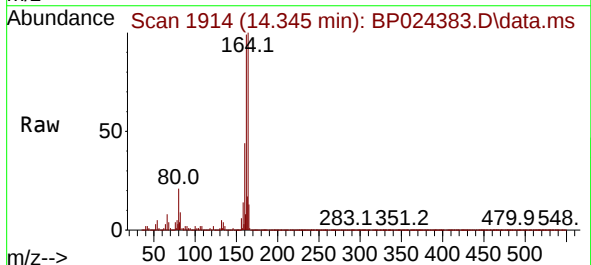


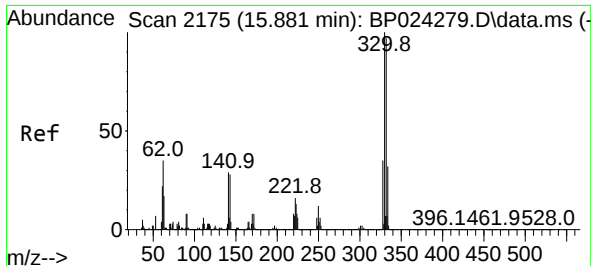
Tgt Ion: 82 Resp: 1222787
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 42.9 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

Tgt Ion: 164 Resp: 454505
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 43.8 35.3 52.9

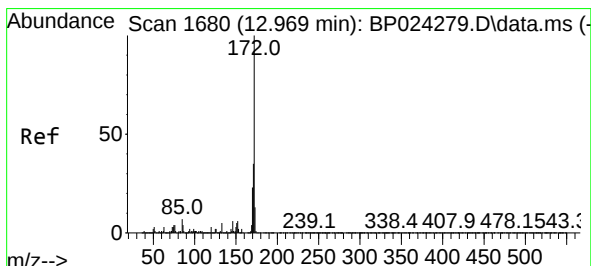
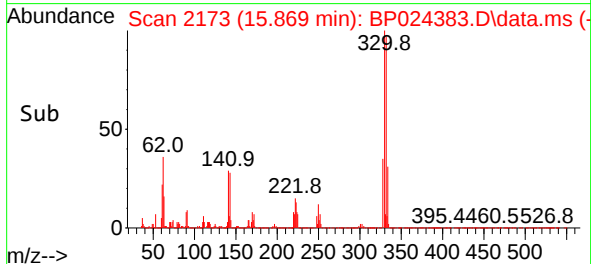
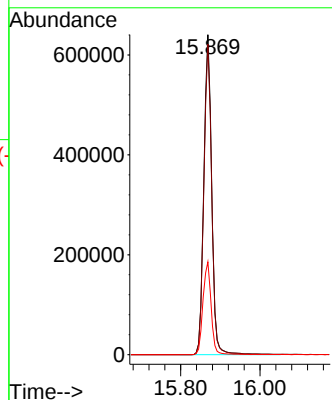
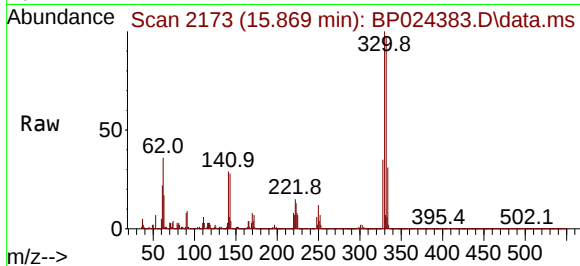




#42
2,4,6-Tribromophenol
Concen: 141.308 ng
RT: 15.869 min Scan# 2175
Delta R.T. 0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

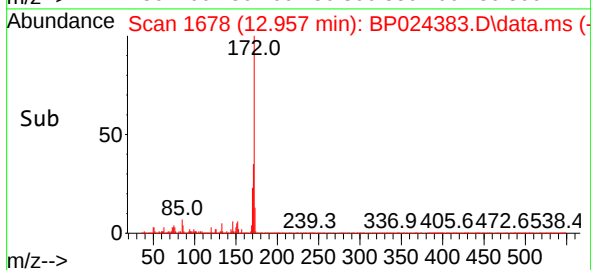
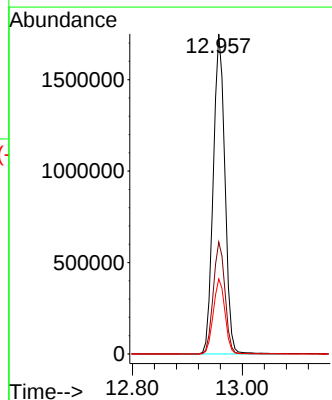
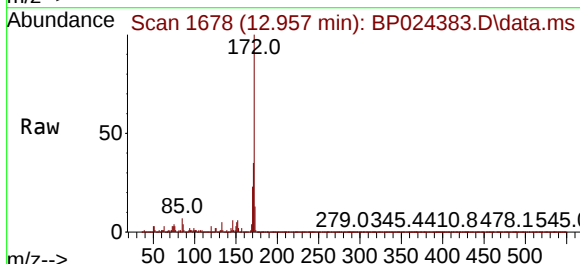
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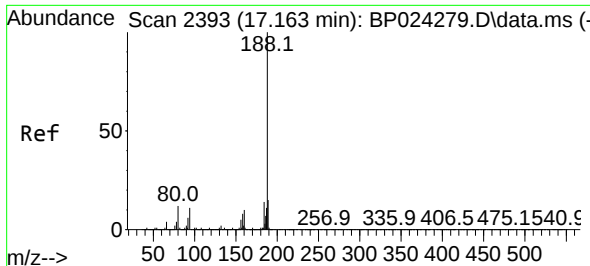
Tgt Ion:330 Resp: 888587
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 29.9 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 86.998 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

Tgt Ion:172 Resp: 2582506
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 23.4 18.6 27.8

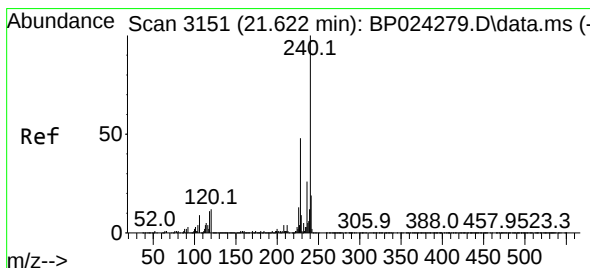
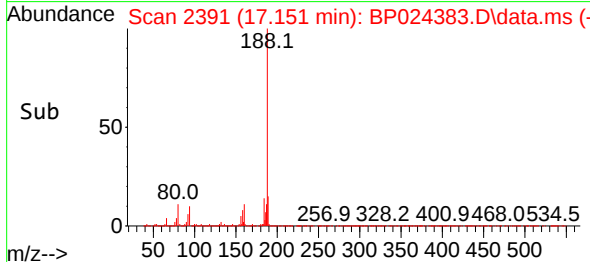
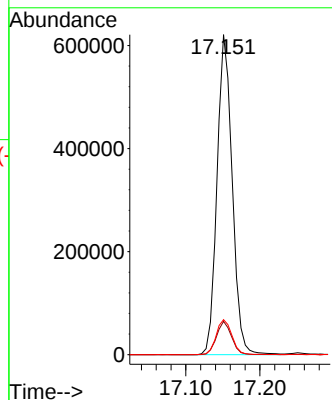
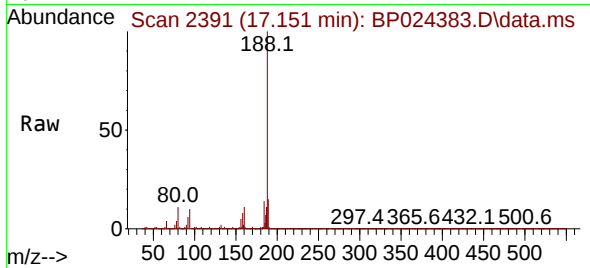




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

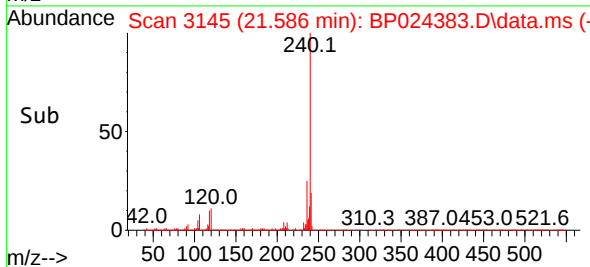
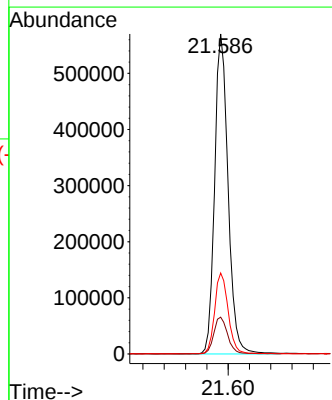
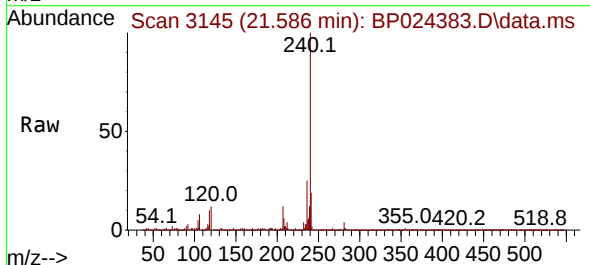
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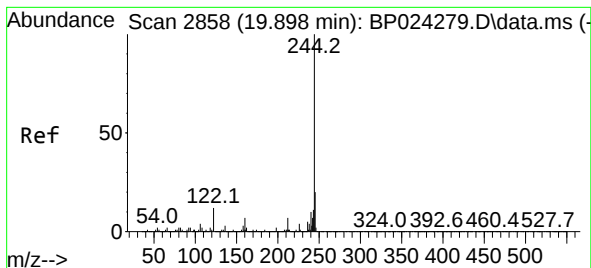
Tgt Ion:188 Resp: 882766
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BP024383.D
Acq: 22 Apr 2025 18:06

Tgt Ion:240 Resp: 998565
Ion Ratio Lower Upper
240 100
120 11.5 9.8 14.8
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 92.743 ng

RT: 19.874 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP024383.D

Acq: 22 Apr 2025 18:06

Instrument :

BNA_P

ClientSampleId :

PL-714-COMP-08

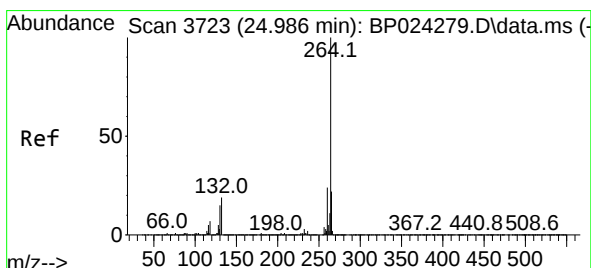
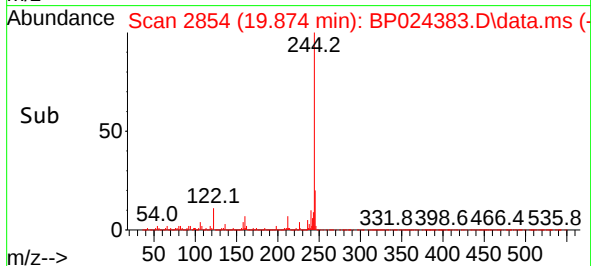
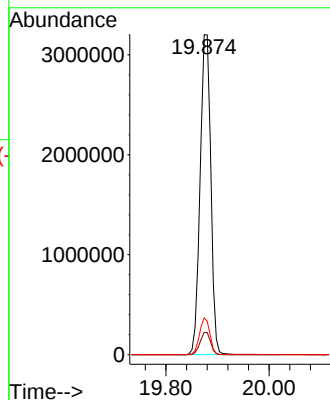
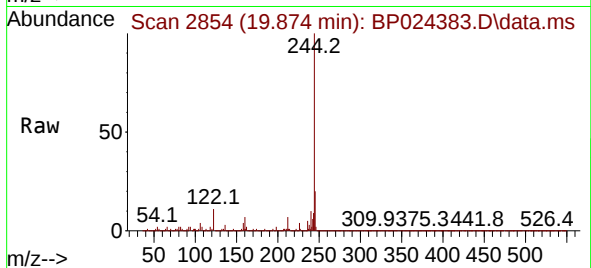
Tgt Ion:244 Resp: 4594547

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 11.5 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 3716

Delta R.T. 0.011 min

Lab File: BP024383.D

Acq: 22 Apr 2025 18:06

Tgt Ion:264 Resp: 1132795

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.8 17.8 26.6

