

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
 Data File : BP024403.D
 Acq On : 23 Apr 2025 19:37
 Operator : RC/JU
 Sample : Q1852-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Quant Time: Apr 24 02:40:18 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	157905	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	606036	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	354856	20.000	ng	0.00
64) Phenanthrene-d10	17.133	188	681108	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	961698	20.000	ng	-0.02
86) Perylene-d12	24.898	264	1277653	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	949132	99.386	ng	0.00
7) Phenol-d6	6.904	99	1203494	92.034	ng	0.00
23) Nitrobenzene-d5	8.863	82	696912	65.572	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	504075	102.671	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1484035	64.032	ng	0.00
79) Terphenyl-d14	19.857	244	2537396	53.182	ng	-0.02

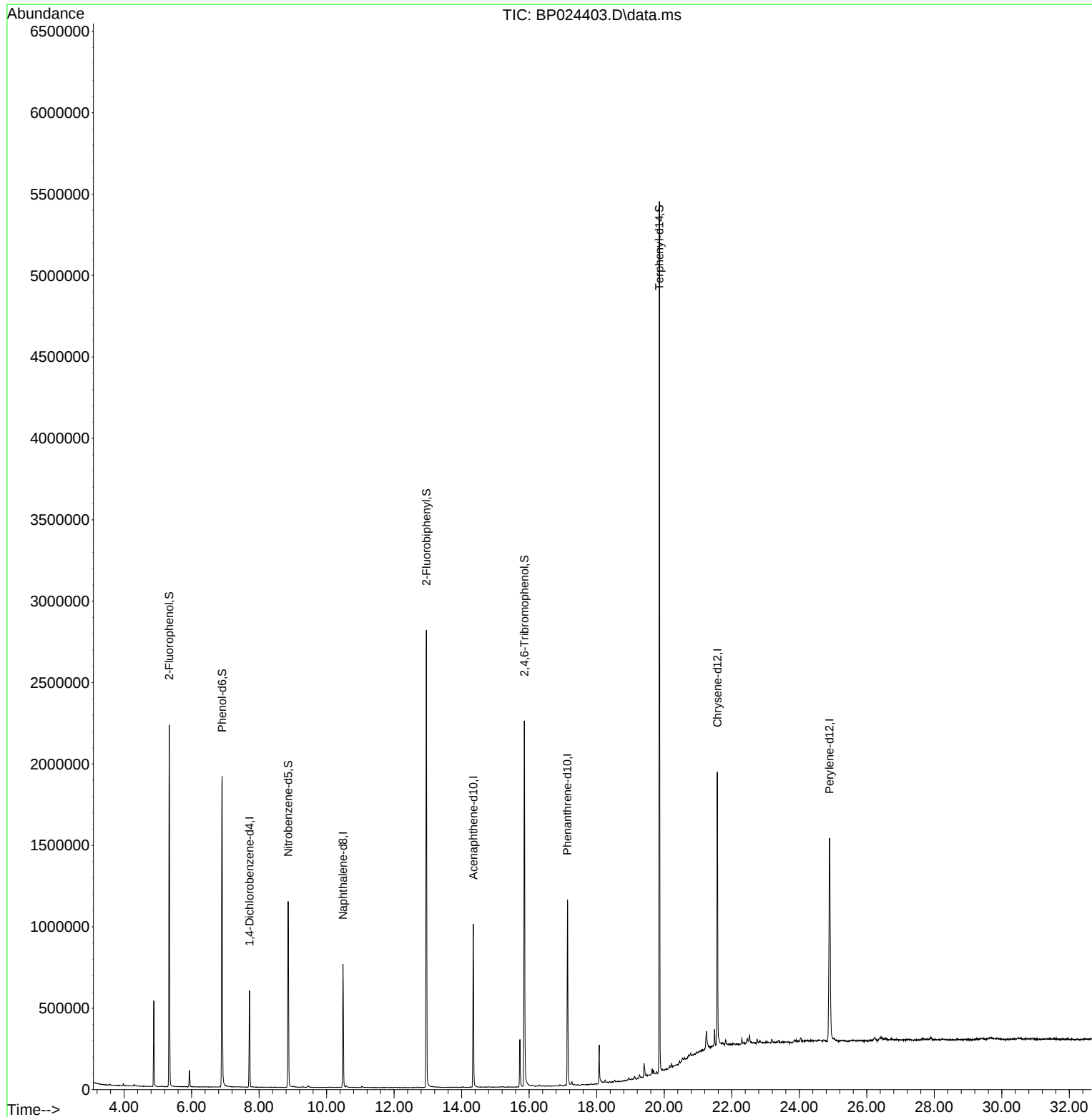
Target Compounds	Qvalue

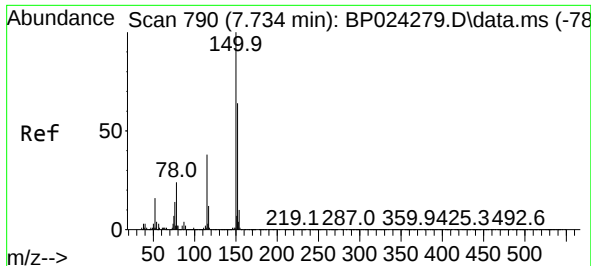
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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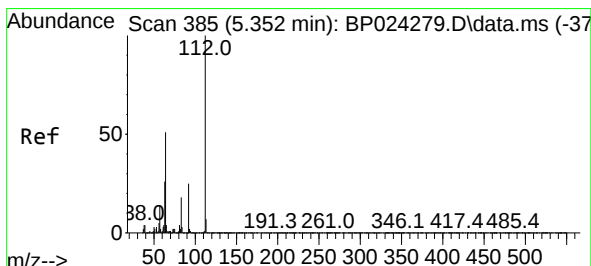
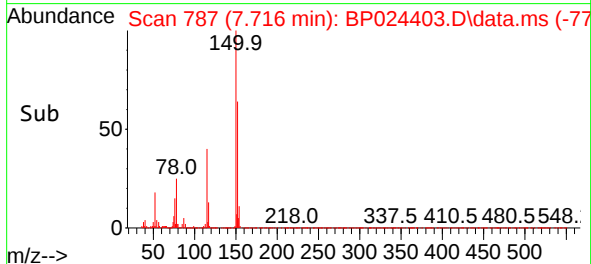
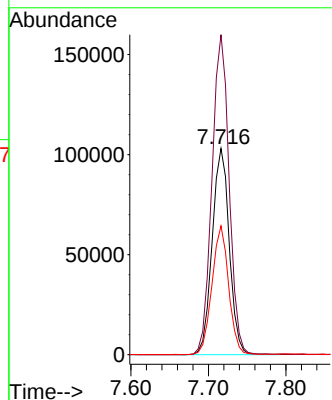
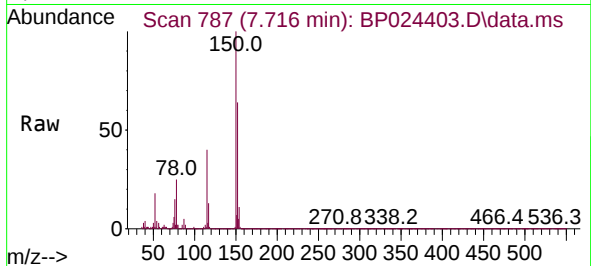




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.716 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

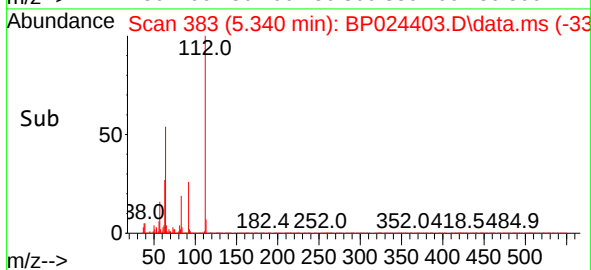
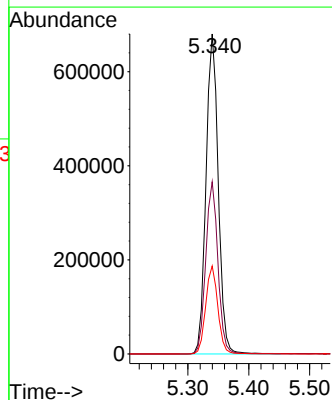
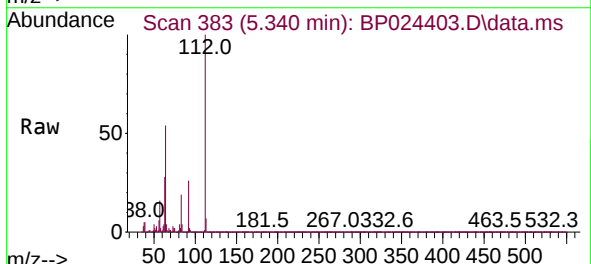
Instrument :
BNA_P
ClientSampleId :
72-11977

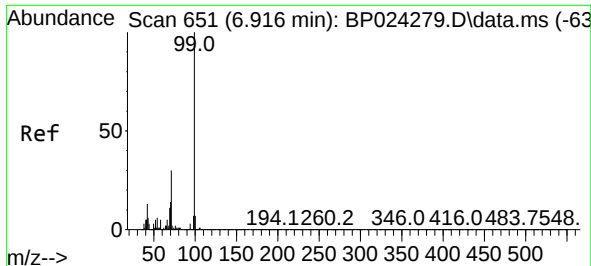
Tgt Ion:152 Resp: 157905
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 62.5 47.7 71.5



#5
2-Fluorophenol
Concen: 99.386 ng
RT: 5.340 min Scan# 383
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

Tgt Ion:112 Resp: 949132
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.5 20.6 30.8

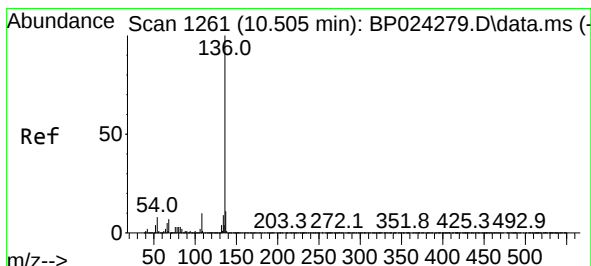
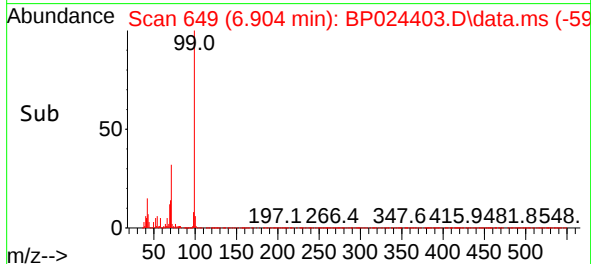
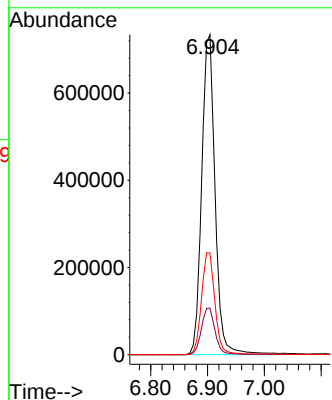
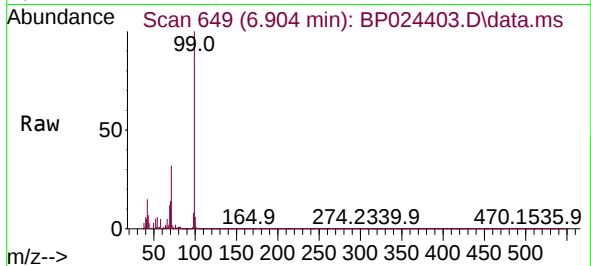




#7
Phenol-d6
Concen: 92.034 ng
RT: 6.904 min Scan# 64
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

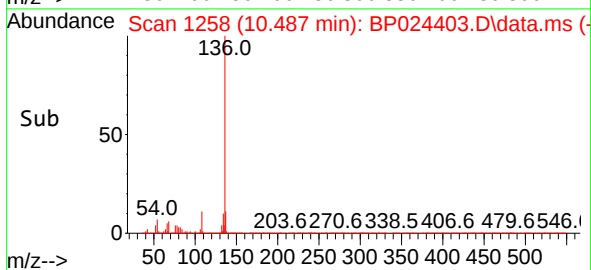
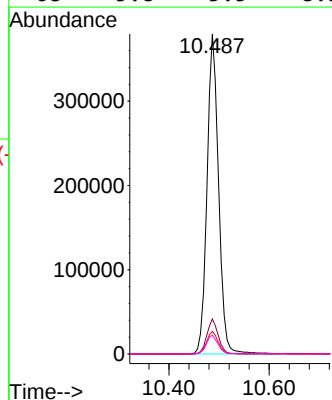
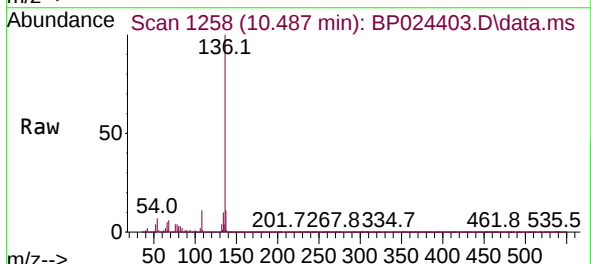
Instrument :
BNA_P
ClientSampleId :
72-11977

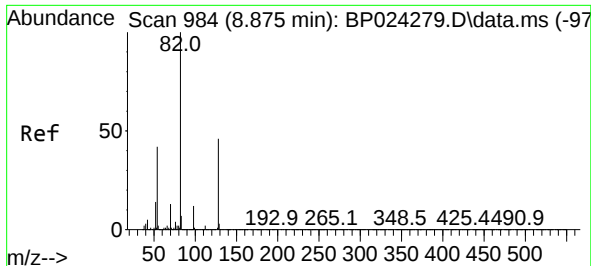
Tgt Ion: 99 Resp: 1203494
Ion Ratio Lower Upper
99 100
42 14.5 10.6 16.0
71 31.8 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

Tgt Ion: 136 Resp: 606036
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 5.8 5.5 8.3

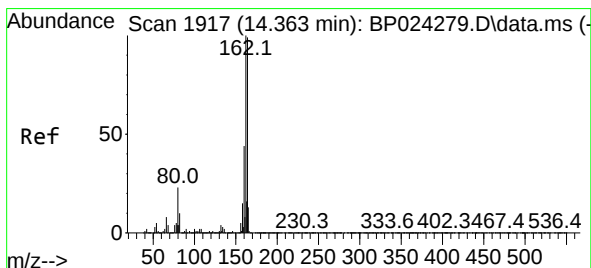
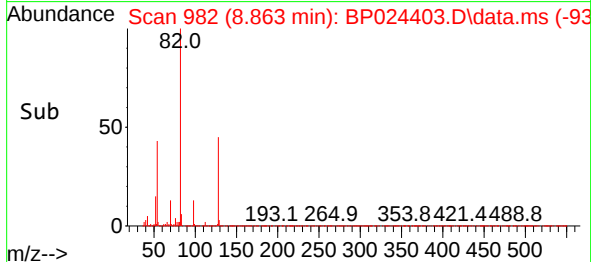
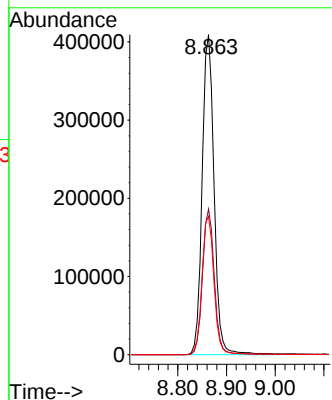
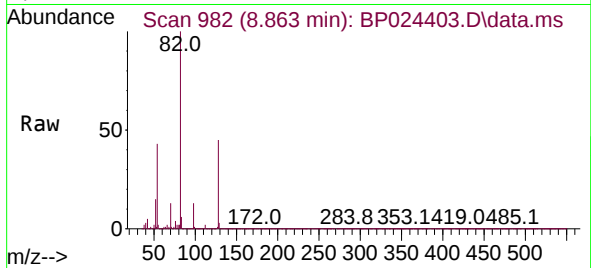




#23
Nitrobenzene-d5
Concen: 65.572 ng
RT: 8.863 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

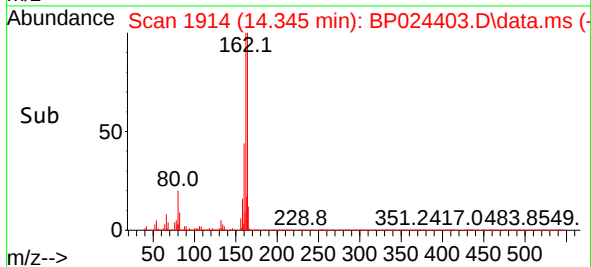
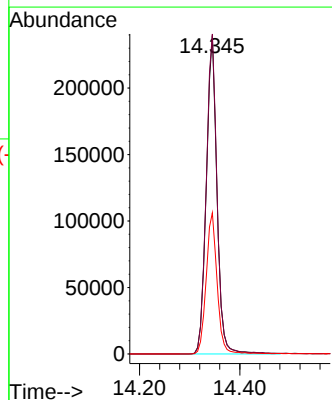
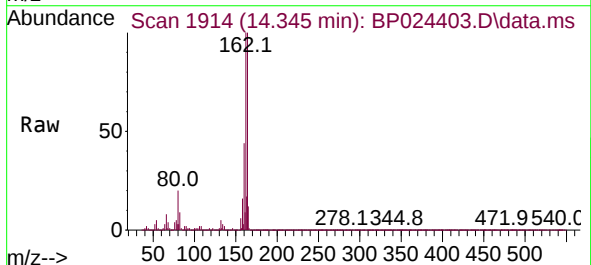
Instrument :
BNA_P
ClientSampleId :
72-11977

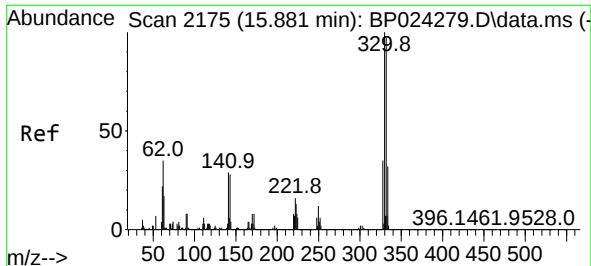
Tgt Ion: 82 Resp: 696912
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 43.2 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

Tgt Ion: 164 Resp: 354856
Ion Ratio Lower Upper
164 100
162 100.5 80.6 120.8
160 44.3 35.3 52.9

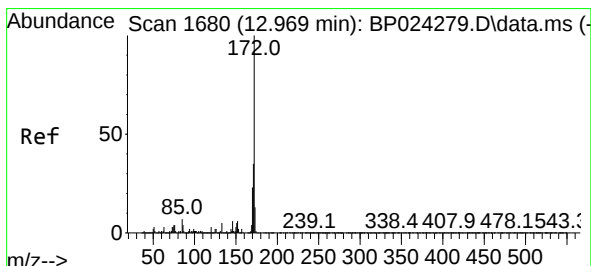
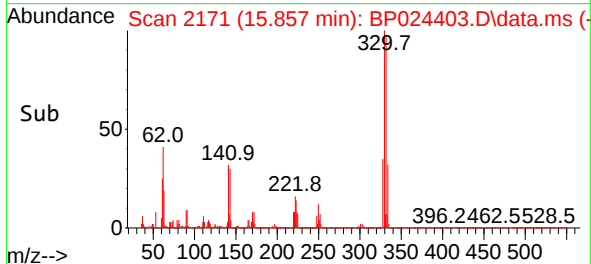
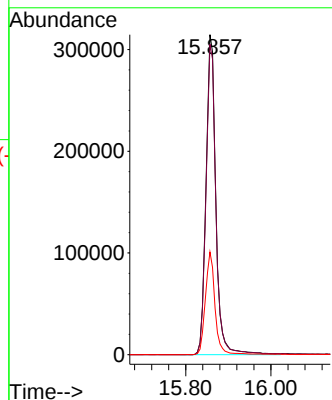
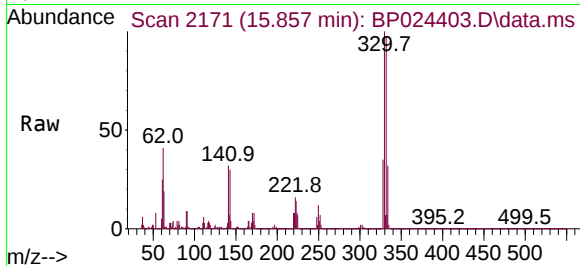




#42
2,4,6-Tribromophenol
Concen: 102.671 ng
RT: 15.857 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

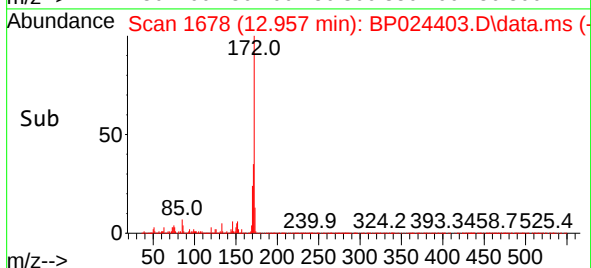
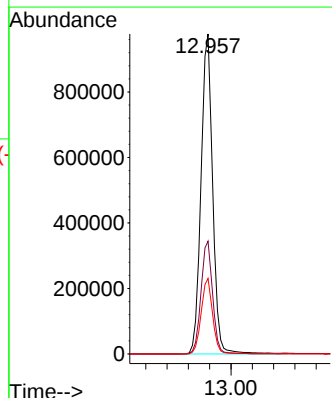
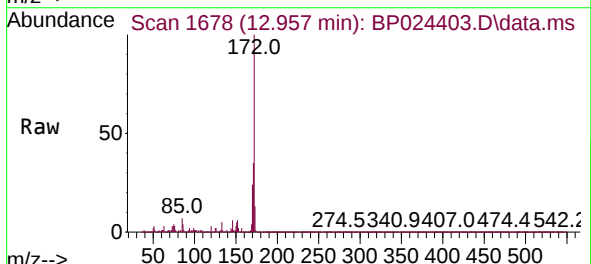
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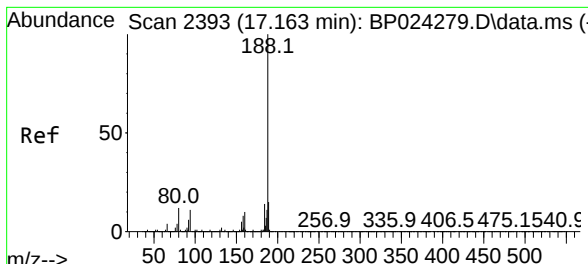
Tgt Ion: 330 Resp: 504075
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 31.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 64.032 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

Tgt Ion: 172 Resp: 1484035
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.6 18.6 27.8

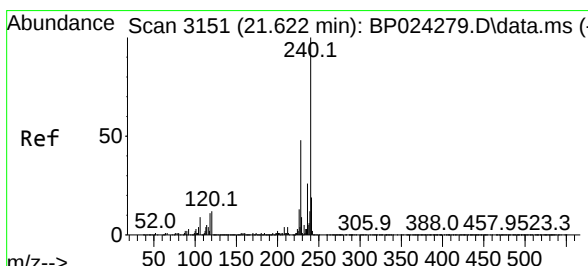
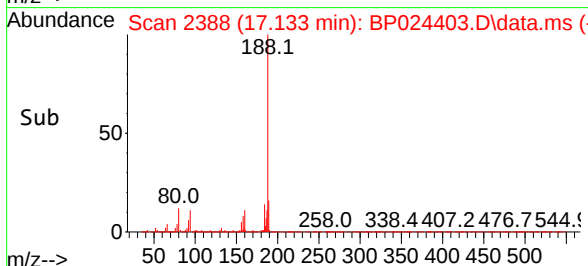
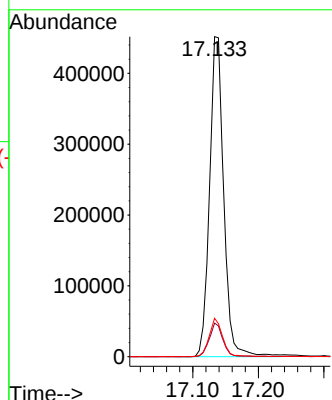
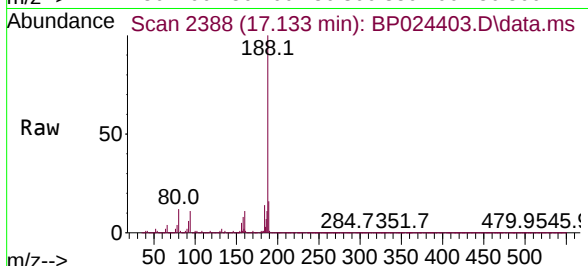




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

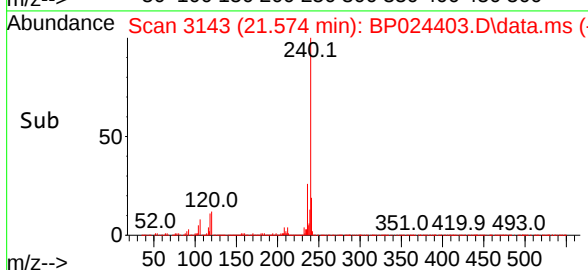
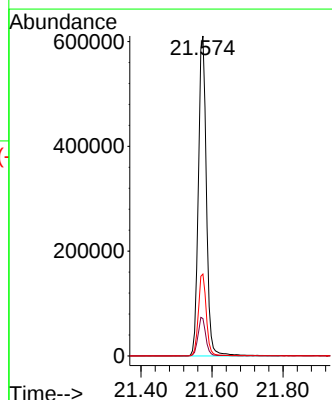
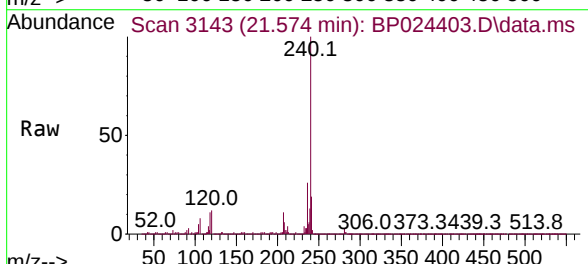
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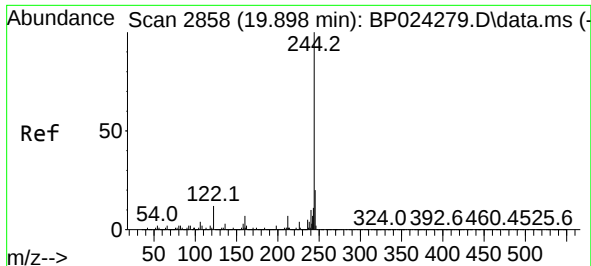
Tgt Ion:188 Resp: 681108
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 12.0 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3143
Delta R.T. -0.018 min
Lab File: BP024403.D
Acq: 23 Apr 2025 19:37

Tgt Ion:240 Resp: 961698
Ion Ratio Lower Upper
240 100
120 11.7 9.8 14.8
236 25.6 20.9 31.3

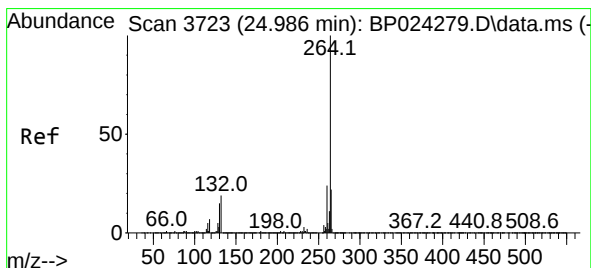
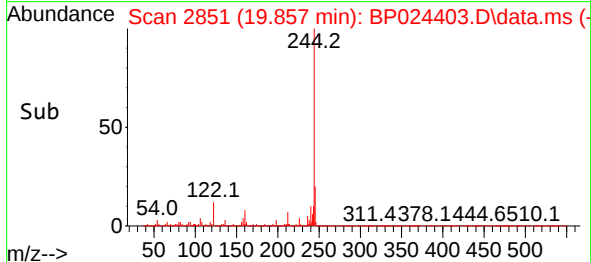
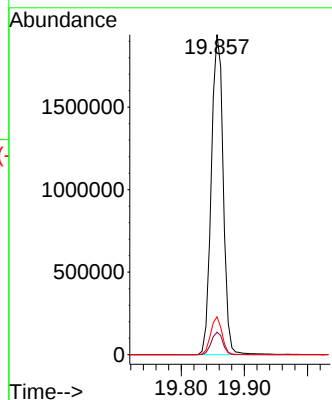
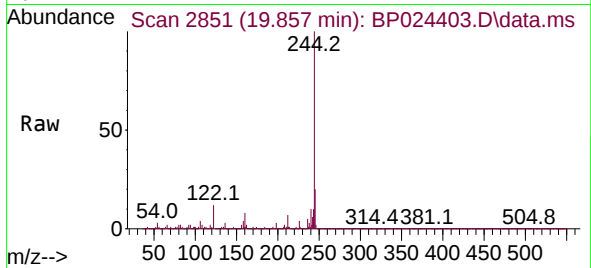




#79
 Terphenyl-d14
 Concen: 53.182 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BP024403.D
 Acq: 23 Apr 2025 19:37

Instrument :
 BNA_P
 ClientSampleId :
 72-11977

Tgt Ion:244 Resp: 2537396
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.8 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.898 min Scan# 3708
 Delta R.T. -0.035 min
 Lab File: BP024403.D
 Acq: 23 Apr 2025 19:37

Tgt Ion:264 Resp: 1277653
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 22.0 17.8 26.6

