

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
Data File : BP024559.D
Acq On : 07 May 2025 10:49
Operator : RC/JU
Sample : PB167886BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167886BL

Quant Time: May 07 12:27:36 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	7.705	152	192507	20.000	ng	-0.02
21) Naphthalene-d8	10.475	136	775898	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	496214	20.000	ng	-0.02
64) Phenanthrene-d10	17.134	188	1032033	20.000	ng	-0.01
76) Chrysene-d12	21.580	240	1025911	20.000	ng	-0.01
86) Perylene-d12	24.904	264	1036631	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1585714	136.198	ng	-0.02
7) Phenol-d6	6.899	99	1948380	122.216	ng	-0.01
23) Nitrobenzene-d5	8.852	82	1195042	87.824	ng	-0.02
42) 2,4,6-Tribromophenol	15.851	330	1153676	168.042	ng	-0.01
45) 2-Fluorobiphenyl	12.946	172	2864893	88.399	ng	-0.02
79) Terphenyl-d14	19.863	244	5196756	102.102	ng	-0.01

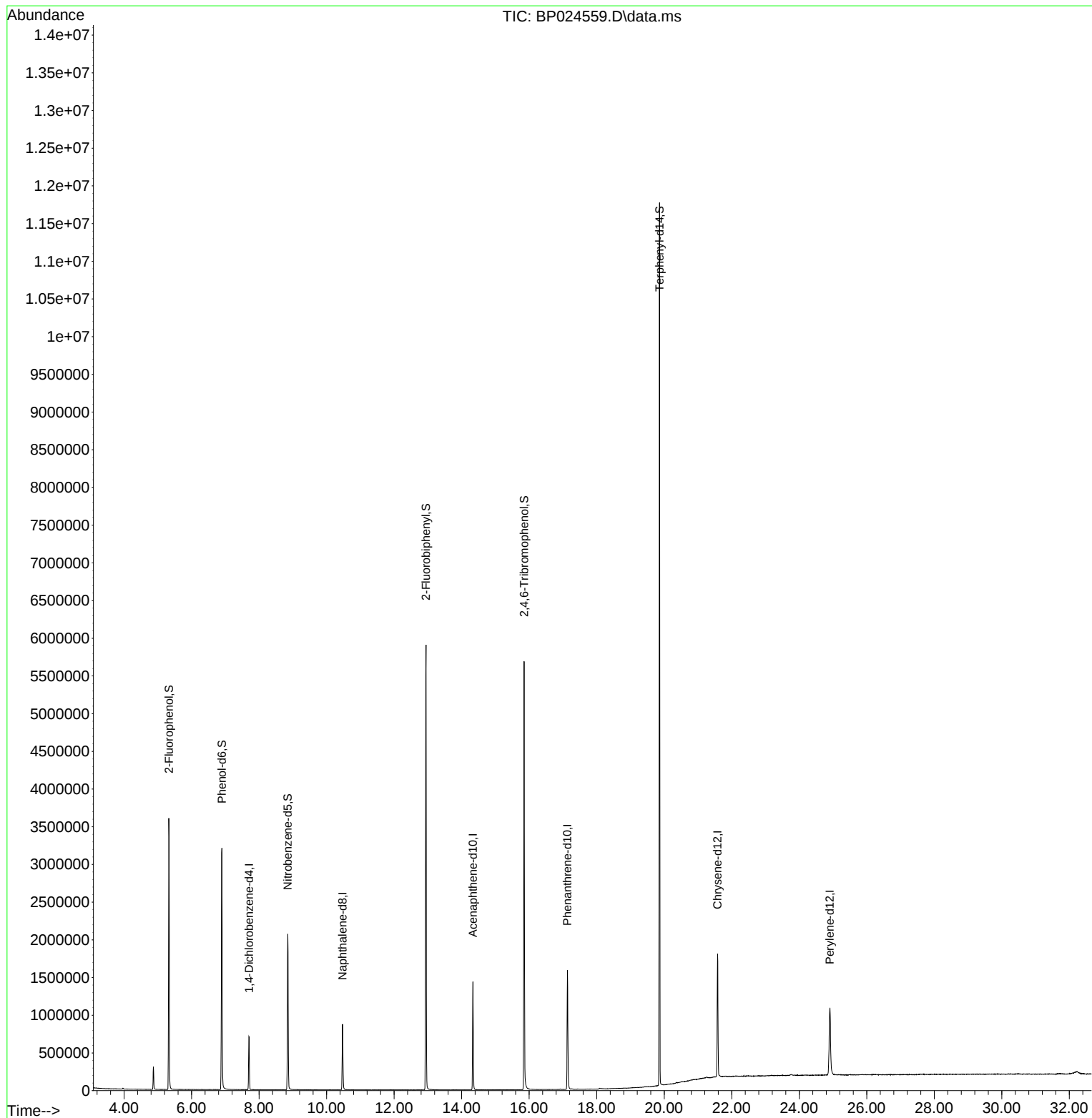
Target Compounds	Qvalue

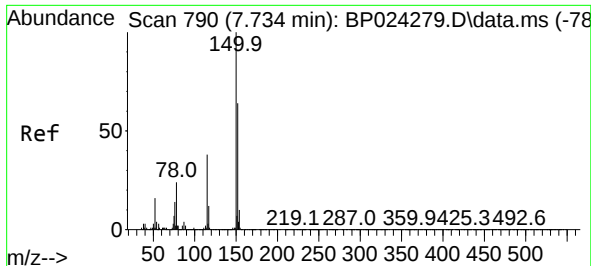
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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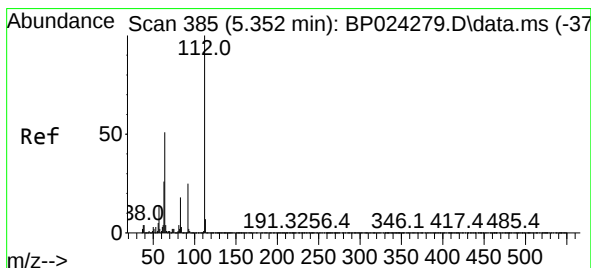
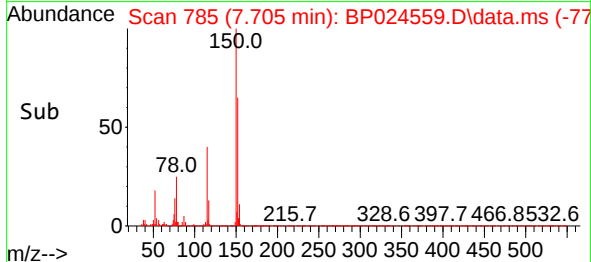
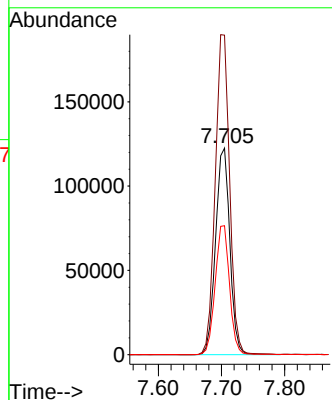
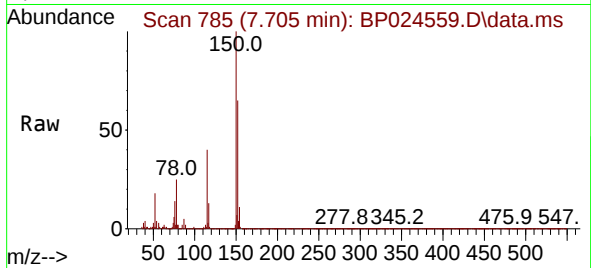




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 71
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

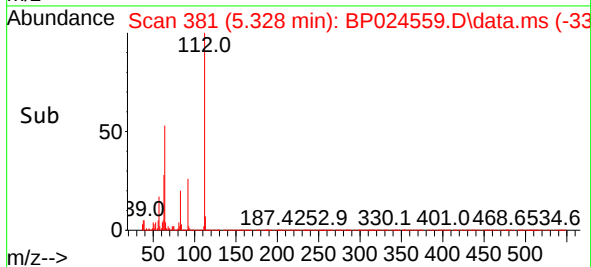
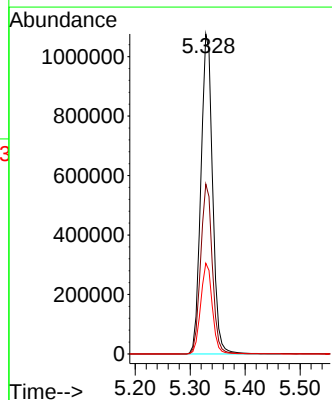
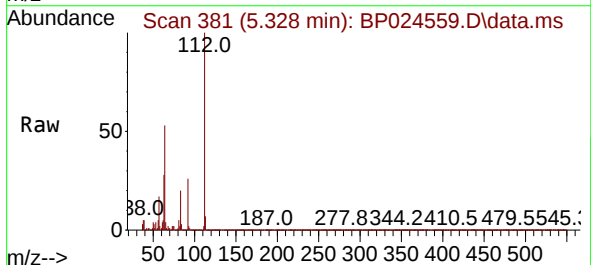
Instrument :
BNA_P
ClientSampleId :
PB167886BL

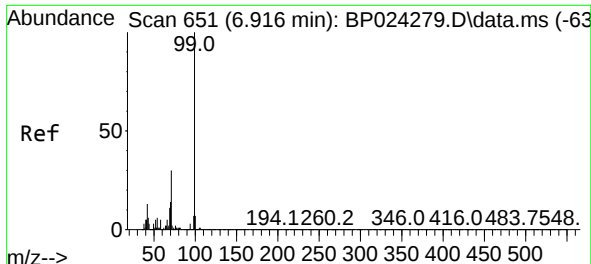
Tgt Ion:152 Resp: 192507
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 62.4 47.7 71.5



#5
2-Fluorophenol
Concen: 136.198 ng
RT: 5.328 min Scan# 381
Delta R.T. -0.018 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:112 Resp: 1585714
Ion Ratio Lower Upper
112 100
64 53.1 41.1 61.7
63 28.4 20.6 30.8

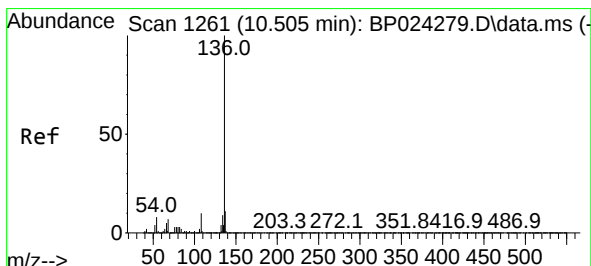
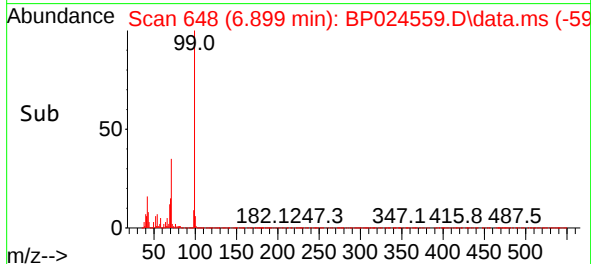
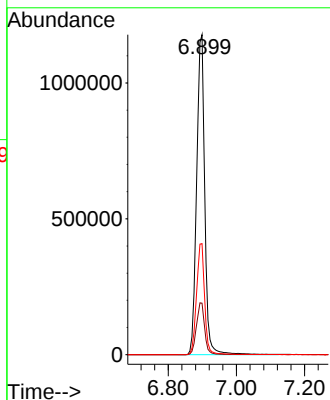
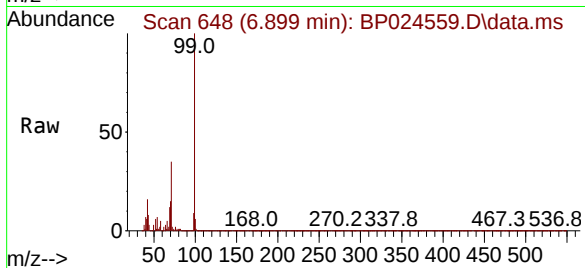




#7
Phenol-d6
Concen: 122.216 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

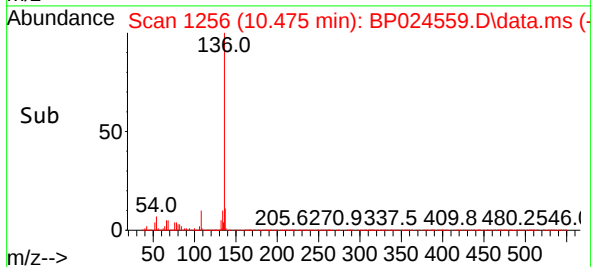
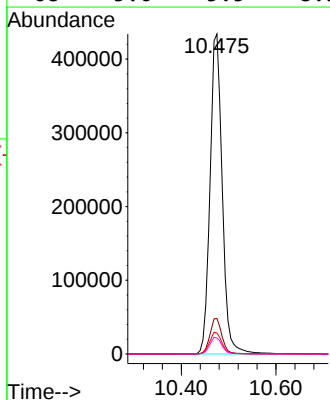
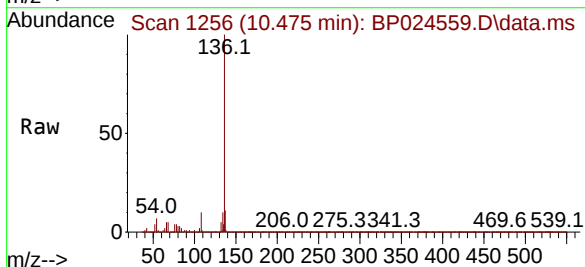
Instrument :
BNA_P
ClientSampleId :
PB167886BL

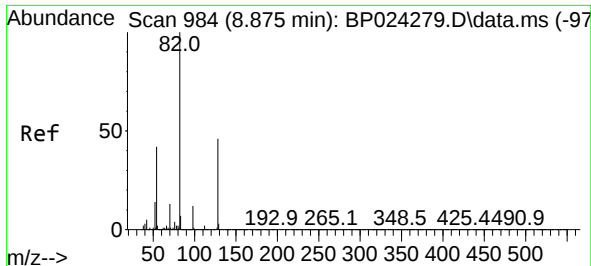
Tgt Ion: 99 Resp: 1948380
Ion Ratio Lower Upper
99 100
42 16.1 10.6 16.0#
71 34.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.023 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:136 Resp: 775898
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 6.5 6.0 9.0
68 5.0 5.5 8.3#

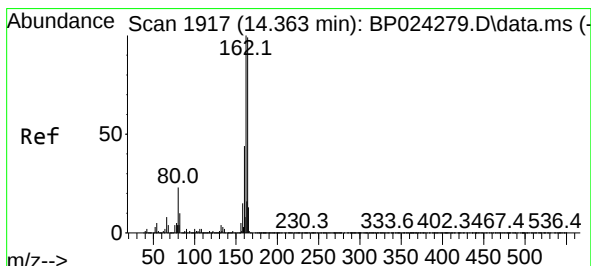
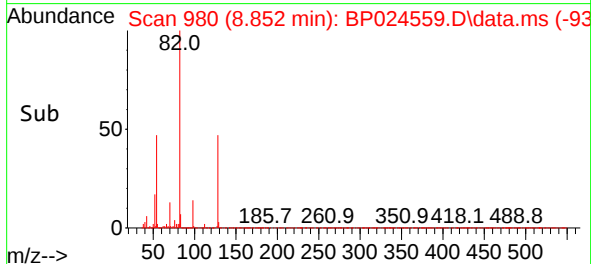
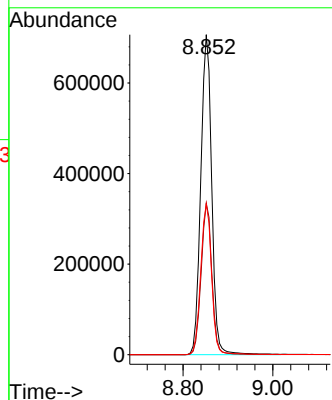
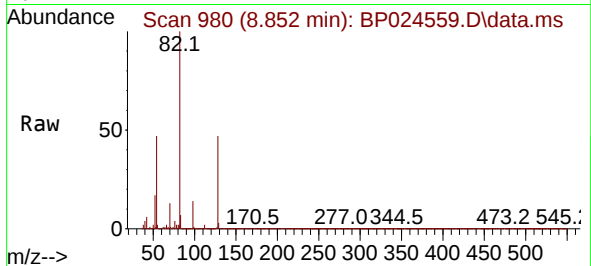




#23
Nitrobenzene-d5
Concen: 87.824 ng
RT: 8.852 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

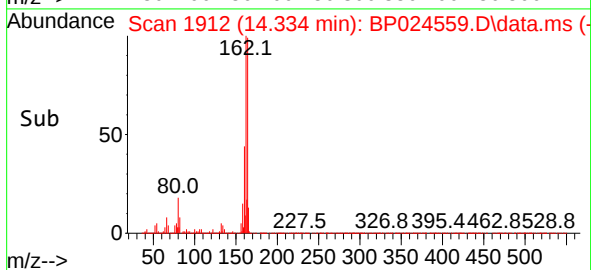
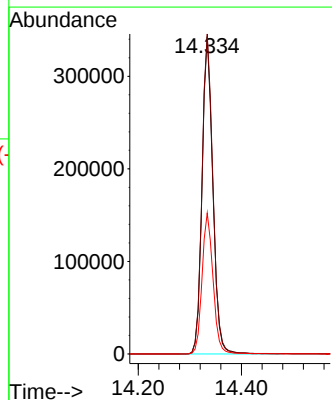
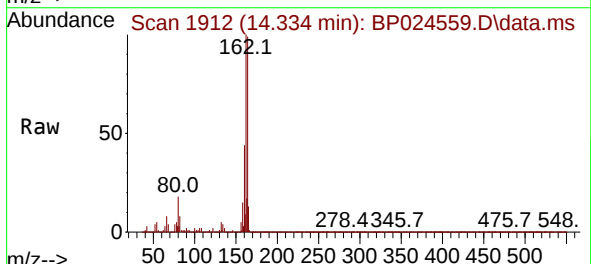
Instrument :
BNA_P
ClientSampleId :
PB167886BL

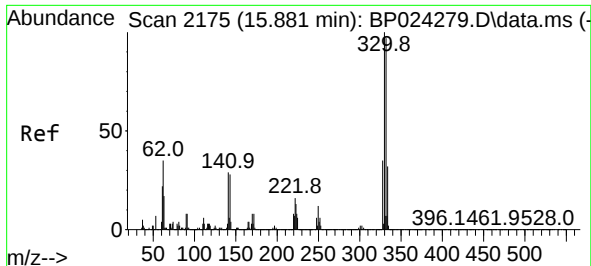
Tgt Ion: 82 Resp: 1195042
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 47.1 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion: 164 Resp: 496214
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.4 35.3 52.9

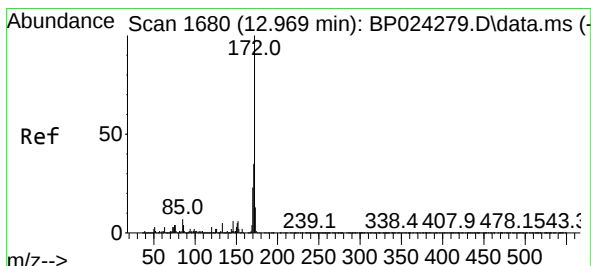
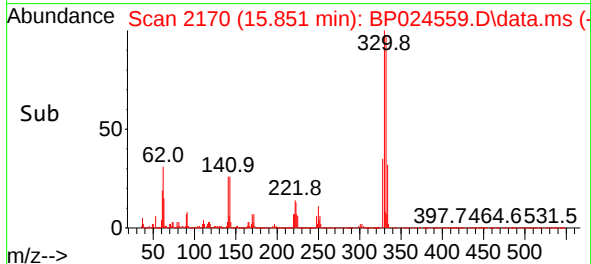
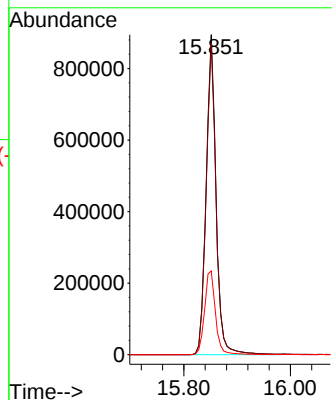
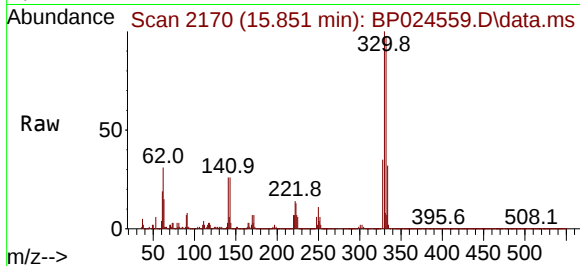




#42
2,4,6-Tribromophenol
Concen: 168.042 ng
RT: 15.851 min Scan# 2175
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

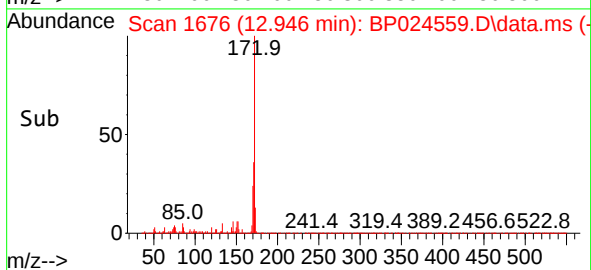
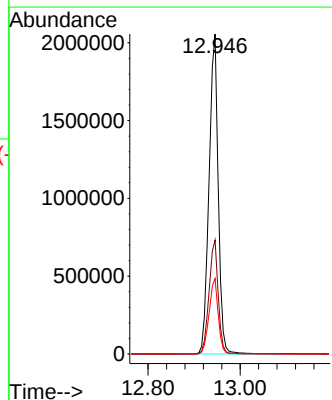
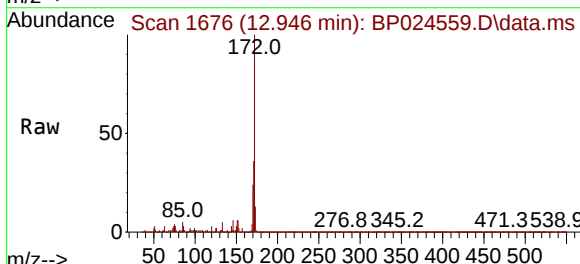
Instrument :
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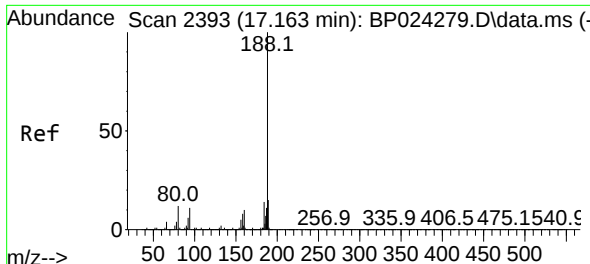
Tgt Ion: 330 Resp: 1153676
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 28.8 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 88.399 ng
RT: 12.946 min Scan# 1676
Delta R.T. -0.017 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion: 172 Resp: 2864893
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.6 18.6 27.8

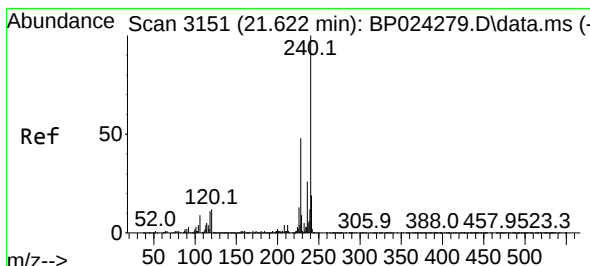
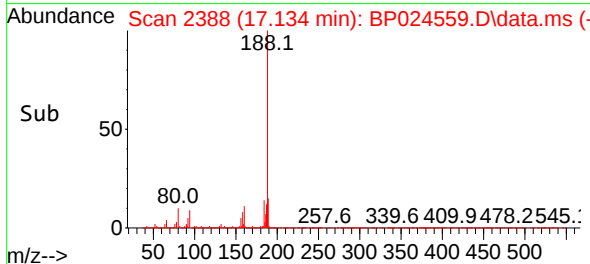
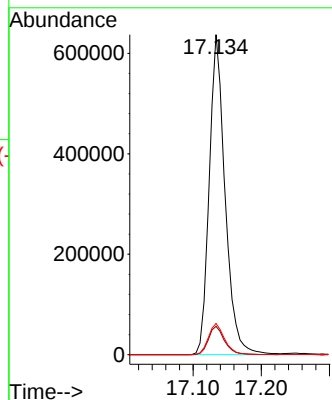
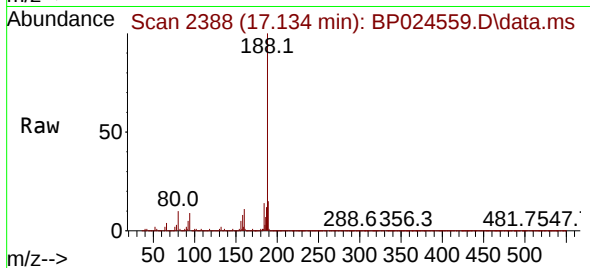




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.134 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

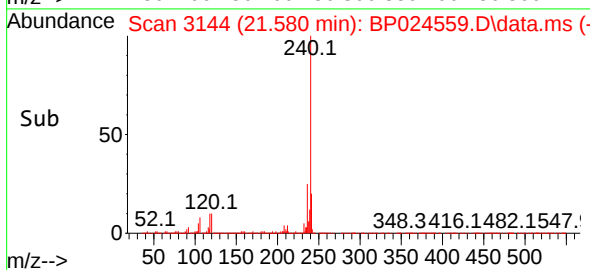
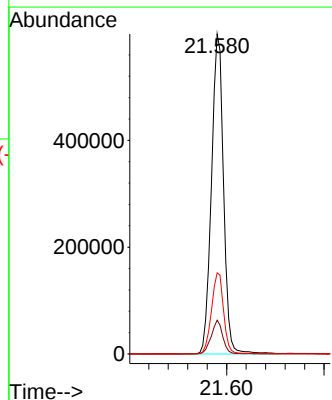
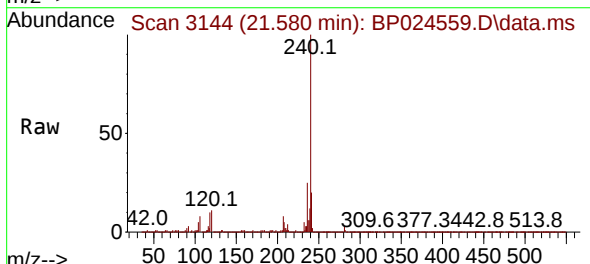
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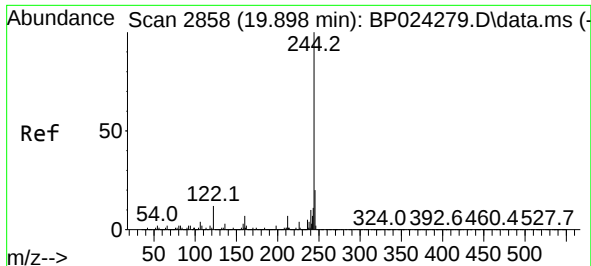
Tgt Ion:188 Resp: 1032033
Ion Ratio Lower Upper
188 100
94 8.8 8.6 13.0
80 9.8 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024559.D
Acq: 07 May 2025 10:49

Tgt Ion:240 Resp: 1025911
Ion Ratio Lower Upper
240 100
120 10.5 9.8 14.8
236 25.4 20.9 31.3

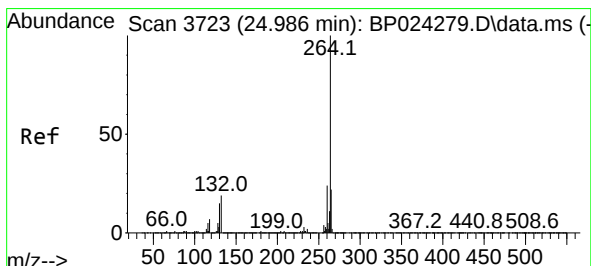
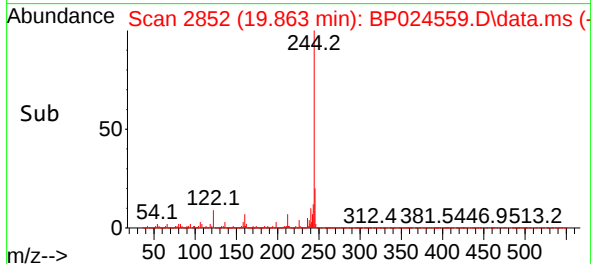
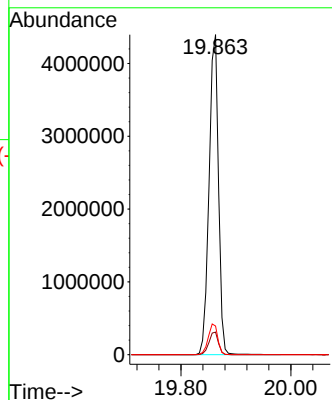
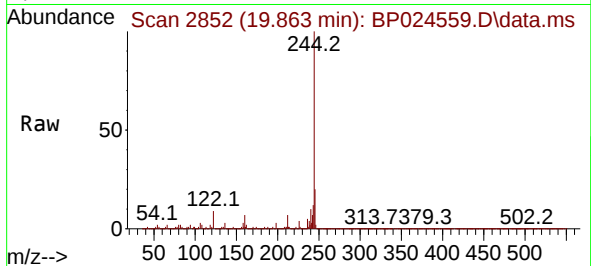




#79
 Terphenyl-d14
 Concen: 102.102 ng
 RT: 19.863 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP024559.D
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Instrument :
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Tgt Ion:244 Resp: 5196756
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 9.0 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.904 min Scan# 3709
 Delta R.T. -0.029 min
 Lab File: BP024559.D
 Acq: 07 May 2025 10:49

Tgt Ion:264 Resp: 1036631
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 21.7 17.8 26.6

