

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025479.D
 Acq On : 19 Aug 2025 16:55
 Operator : CG/JU
 Sample : Q2815-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-N

Quant Time: Aug 19 17:15:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	176367	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	703475	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	480789	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	1017063	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1121358	20.000	ng	0.00
86) Perylene-d12	25.007	264	1227839	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	910982	85.779	ng	0.00
7) Phenol-d6	6.966	99	828570	60.854	ng	0.00
23) Nitrobenzene-d5	8.925	82	1332542	95.820	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	1031151	159.338	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	3082191	87.614	ng	0.00
79) Terphenyl-d14	19.919	244	5564317	90.786	ng	0.00

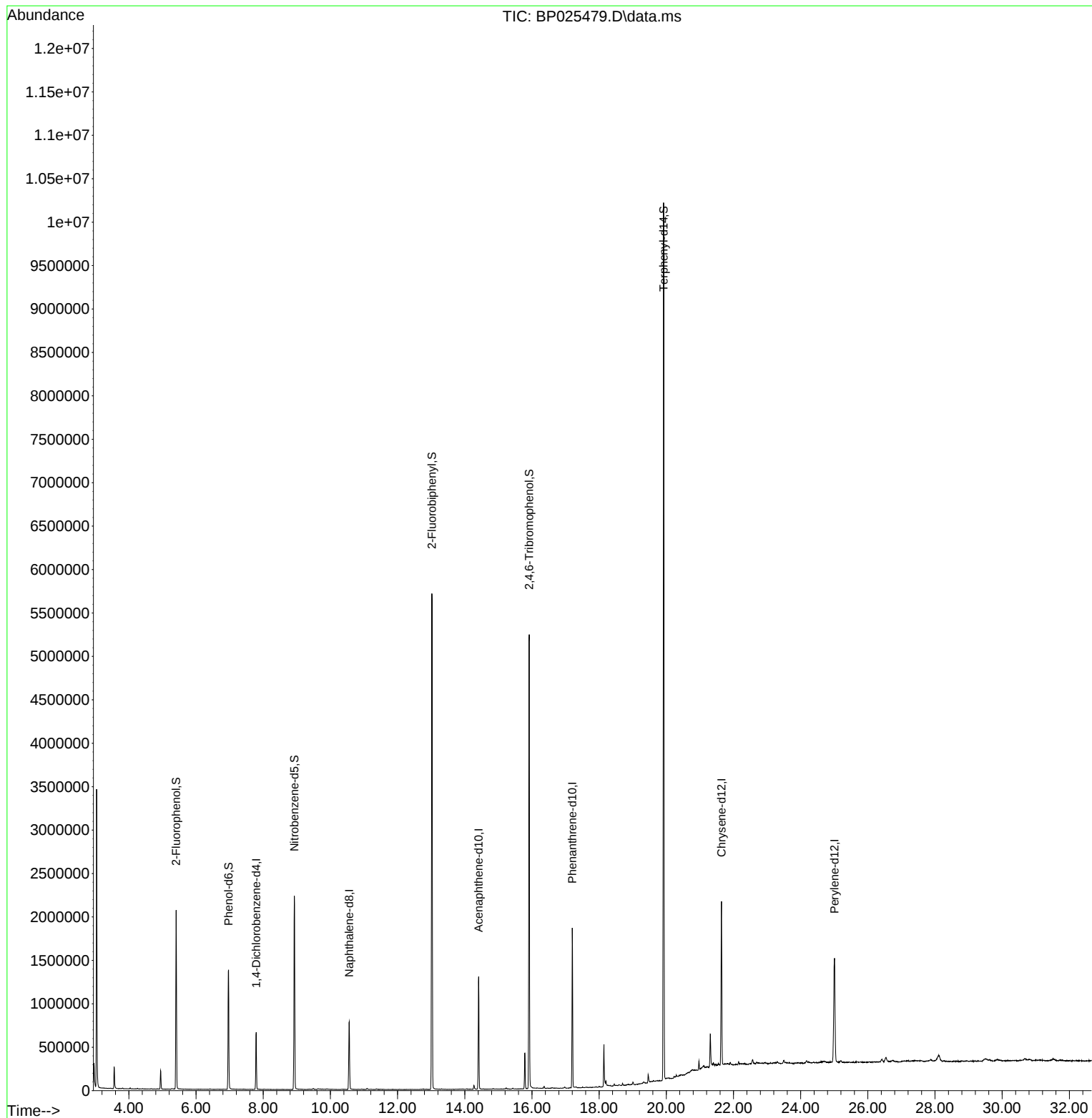
Target Compounds	Qvalue

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

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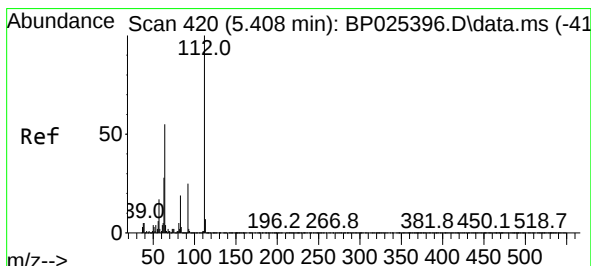
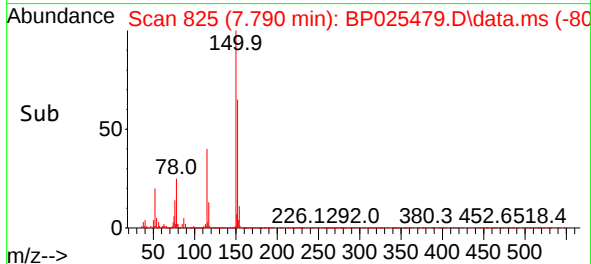
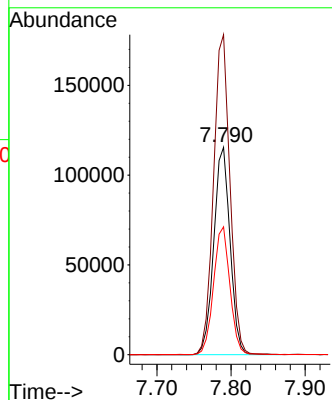
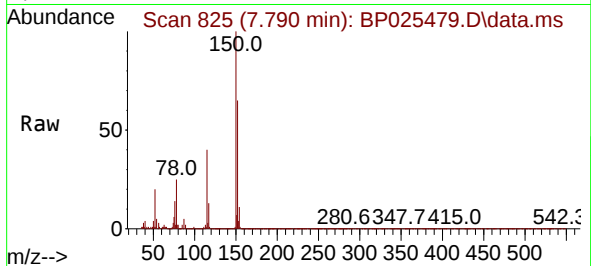




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

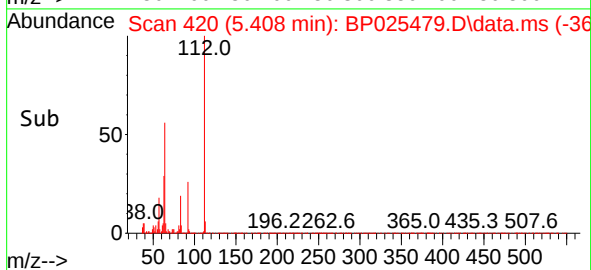
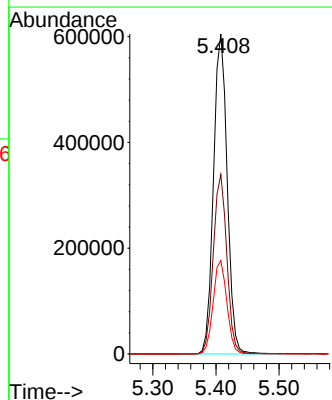
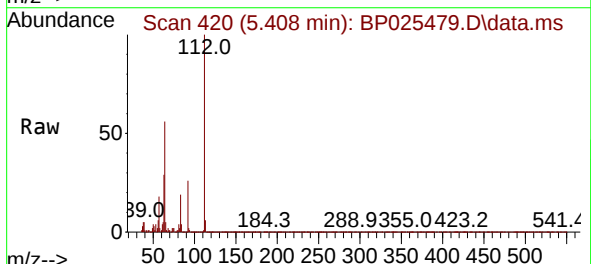
Instrument :
BNA_P
ClientSampleId :
TW-11M-N

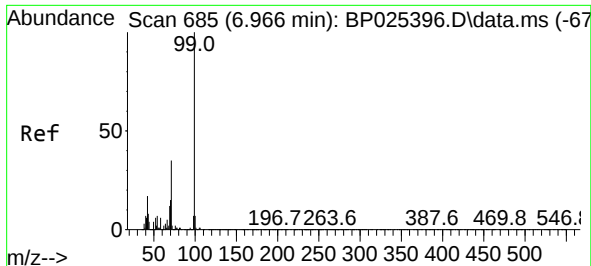
Tgt Ion:152 Resp: 176367
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 61.6 48.5 72.7



#5
2-Fluorophenol
Concen: 85.779 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion:112 Resp: 910982
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.2 22.7 34.1

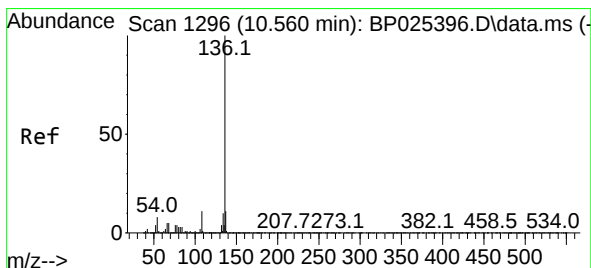
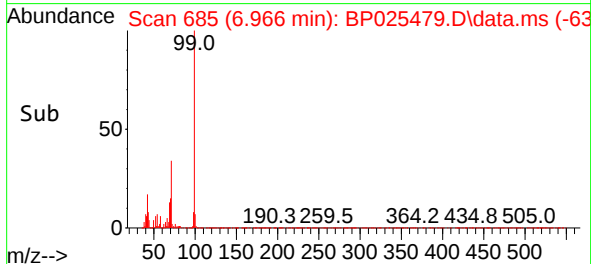
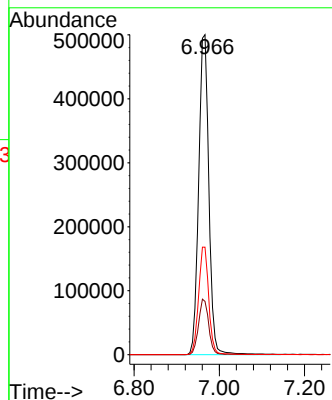
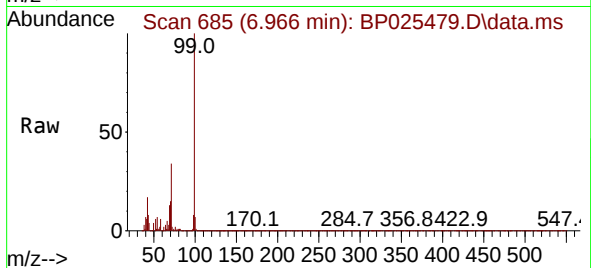




#7
Phenol-d6
Concen: 60.854 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

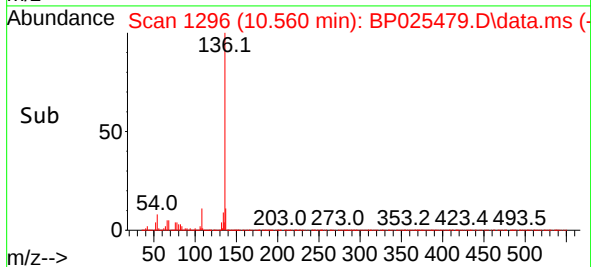
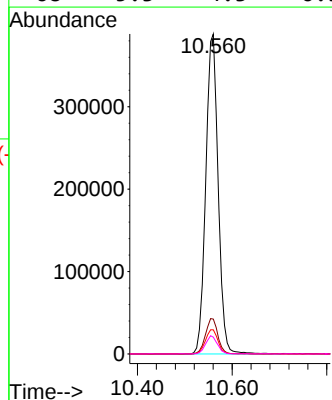
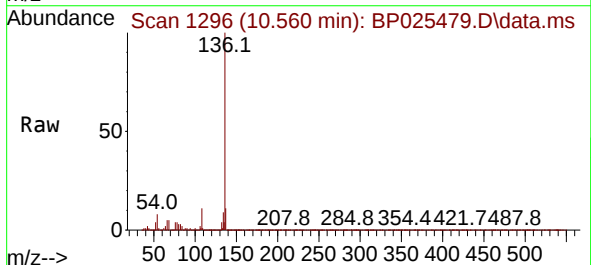
Instrument :
BNA_P
ClientSampleId :
TW-11M-N

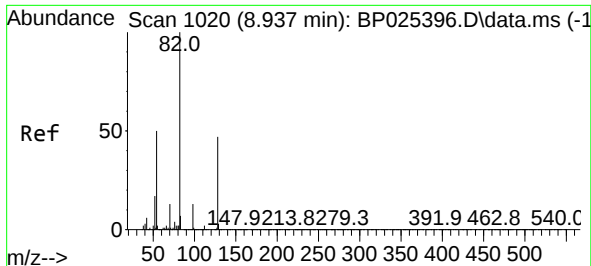
Tgt Ion: 99 Resp: 828570
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 33.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion: 136 Resp: 703475
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.6 6.0 9.0
68 5.3 4.3 6.5

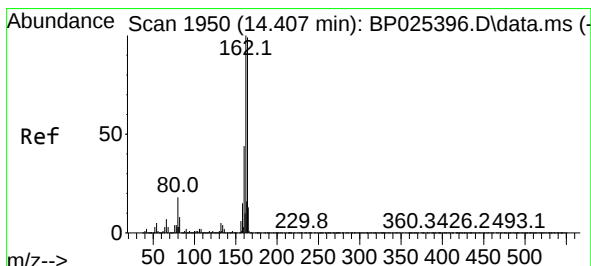
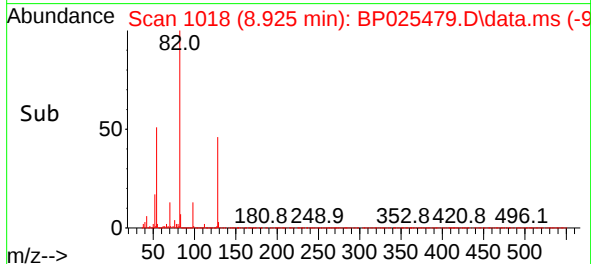
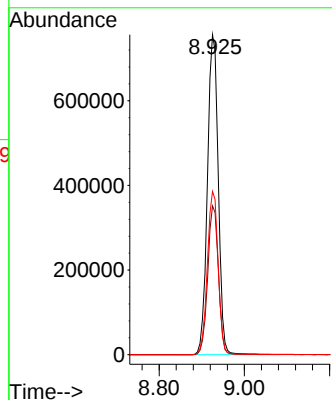
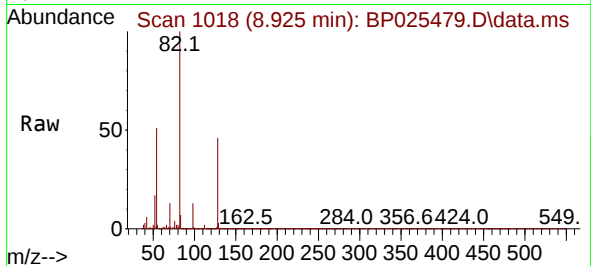




#23
Nitrobenzene-d5
Concen: 95.820 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

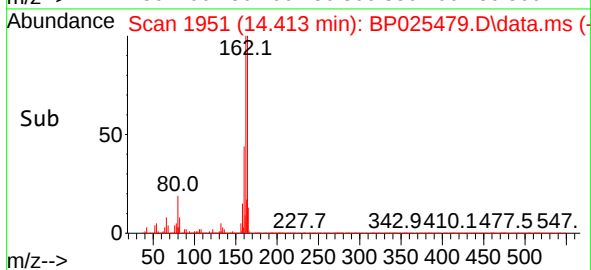
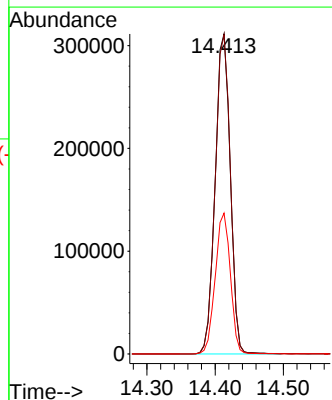
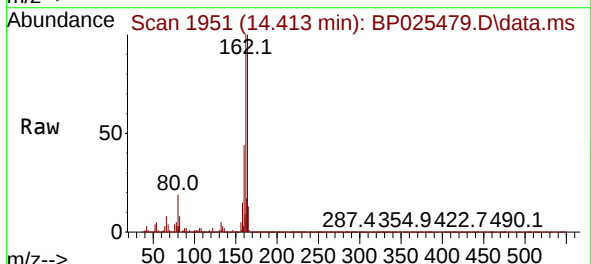
Instrument :
BNA_P
ClientSampleId :
TW-11M-N

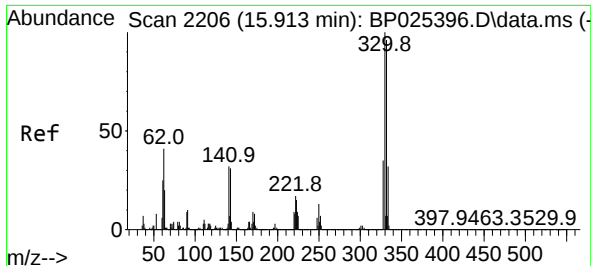
Tgt Ion: 82 Resp: 1332542
Ion Ratio Lower Upper
82 100
128 46.5 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion:164 Resp: 480789
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.6
160 44.0 35.4 53.2

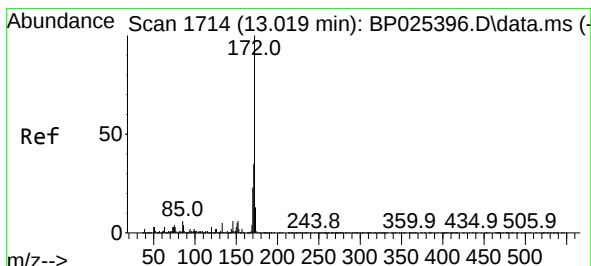
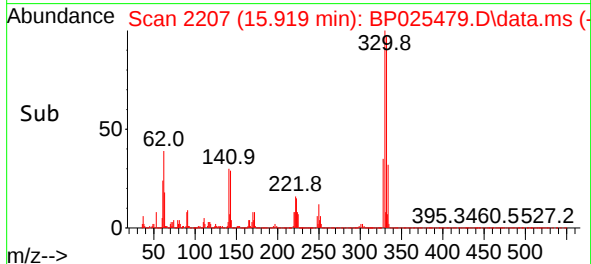
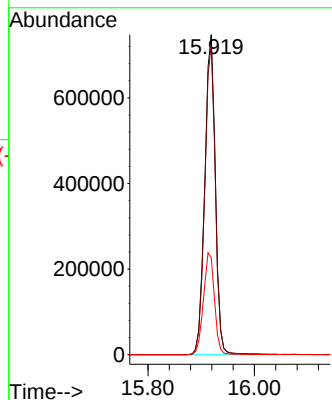
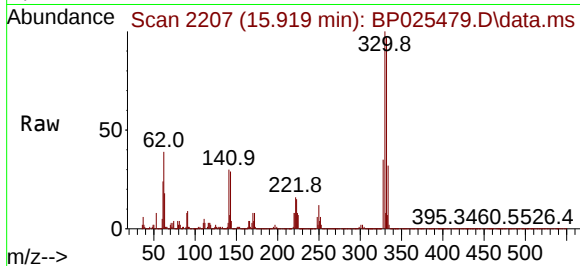




#42
2,4,6-Tribromophenol
Concen: 159.338 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

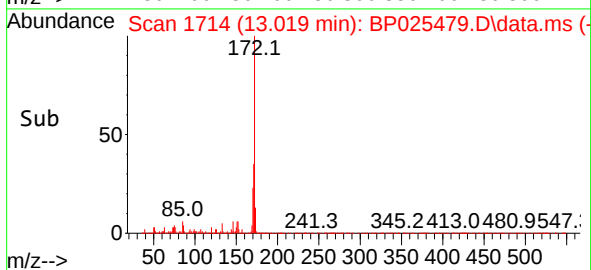
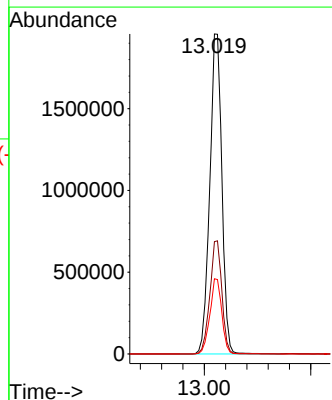
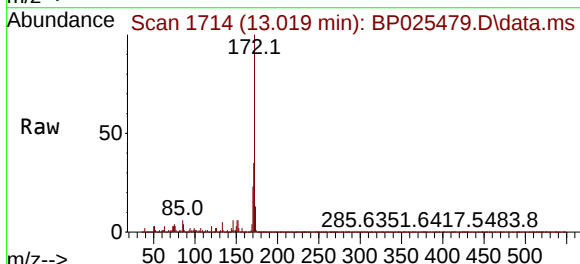
Instrument :
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ClientSampleId :
TW-11M-N

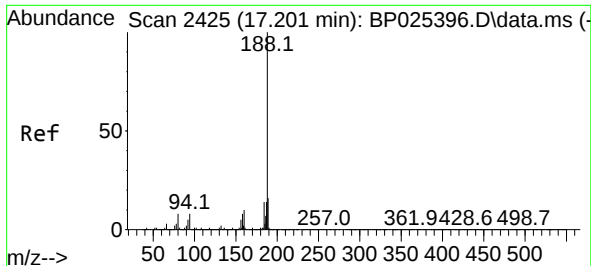
Tgt Ion:330 Resp: 1031151
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 33.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 87.614 ng
RT: 13.019 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion:172 Resp: 3082191
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.5 18.6 28.0

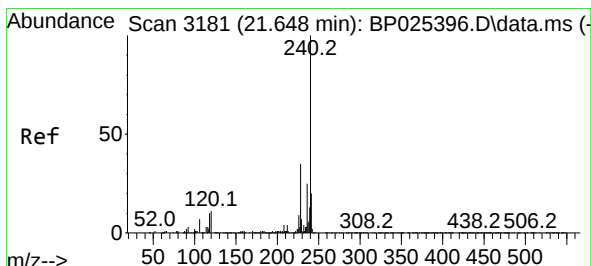
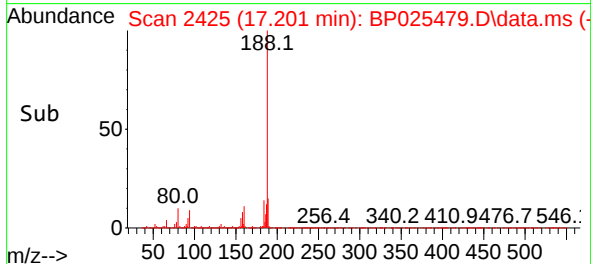
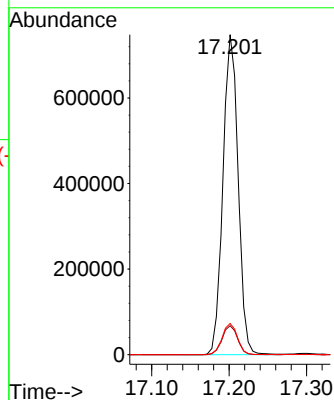
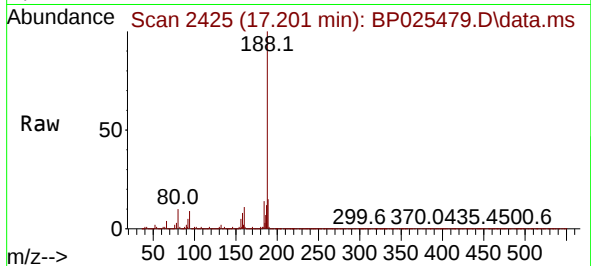




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

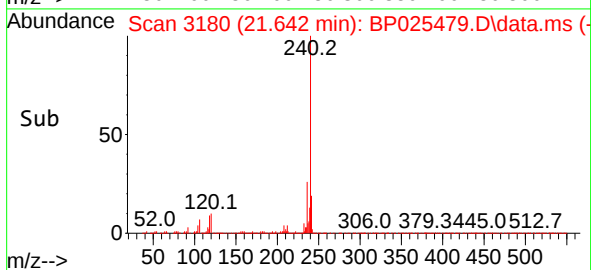
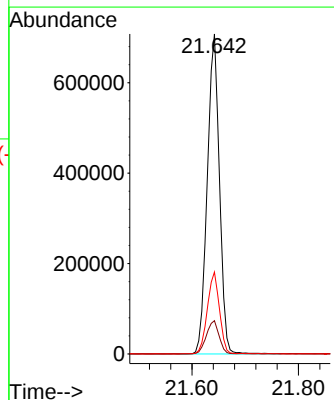
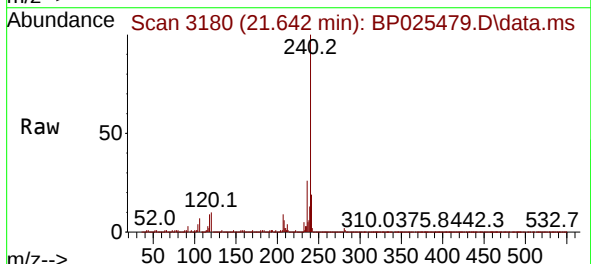
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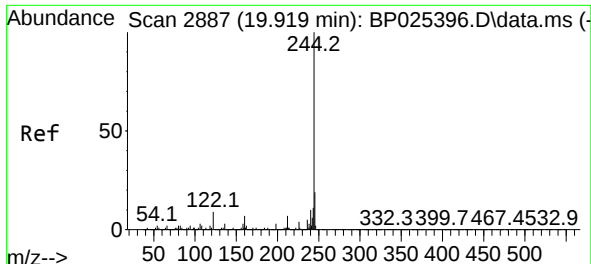
Tgt Ion:188 Resp: 1017063
Ion Ratio Lower Upper
188 100
94 9.0 6.6 10.0
80 9.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025479.D
Acq: 19 Aug 2025 16:55

Tgt Ion:240 Resp: 1121358
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 19.8 29.8

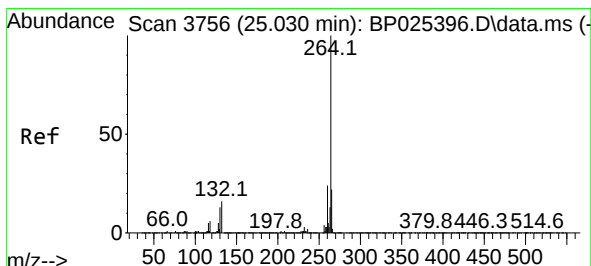
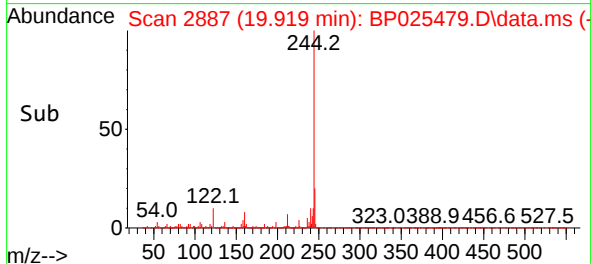
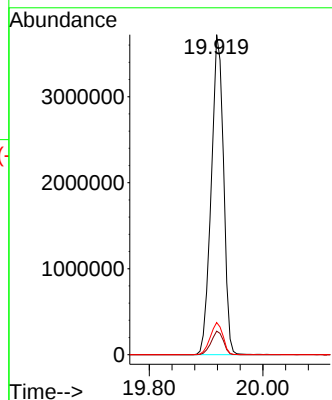
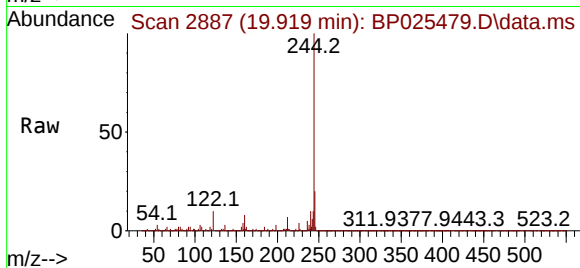




#79
 Terphenyl-d14
 Concen: 90.786 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025479.D
 Acq: 19 Aug 2025 16:55

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-N

Tgt Ion:244 Resp: 5564317
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.1 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 3752
 Delta R.T. -0.023 min
 Lab File: BP025479.D
 Acq: 19 Aug 2025 16:55

Tgt Ion:264 Resp: 1227839
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.3 17.4 26.0

