

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025478.D
 Acq On : 19 Aug 2025 16:13
 Operator : CG/JU
 Sample : Q2815-22
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-11M-S

Quant Time: Aug 19 16:36:18 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	147618	20.000	ng	0.00
21) Naphthalene-d8	10.554	136	586285	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	383766	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	852196	20.000	ng	0.00
76) Chrysene-d12	21.636	240	989042	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1090876	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	852194	95.872	ng	0.00
7) Phenol-d6	6.966	99	843334	74.000	ng	0.00
23) Nitrobenzene-d5	8.925	82	1085240	93.636	ng	-0.01
42) 2,4,6-Tribromophenol	15.919	330	817856	158.330	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2497398	88.938	ng	0.00
79) Terphenyl-d14	19.924	244	4701531	86.971	ng	0.00

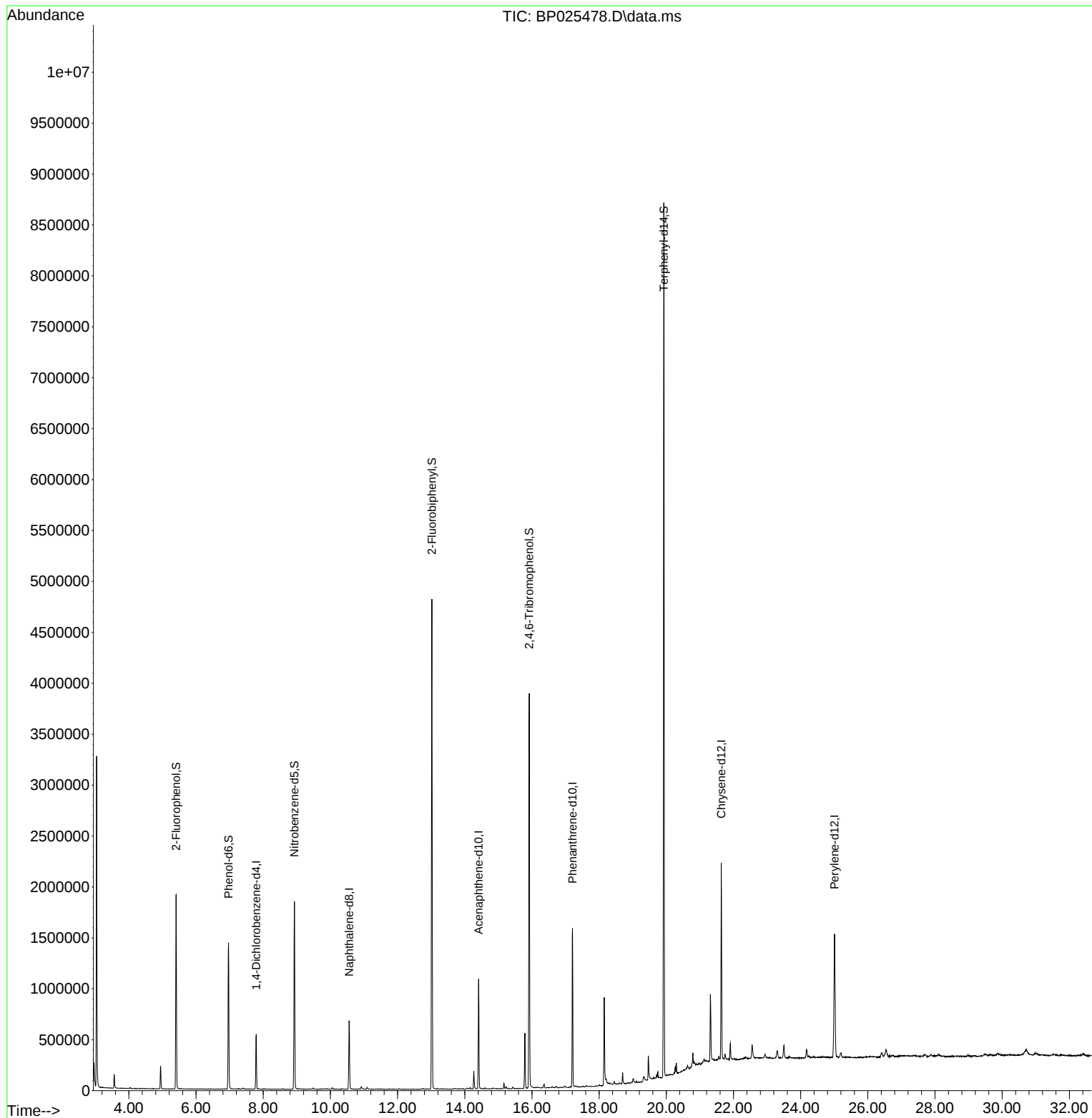
Target Compounds	Qvalue

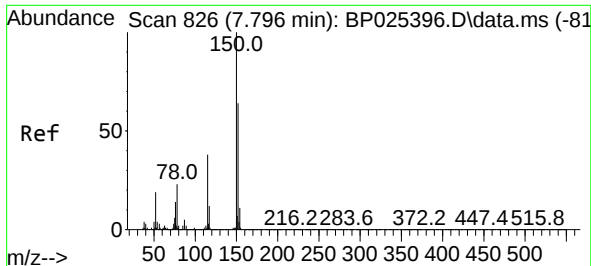
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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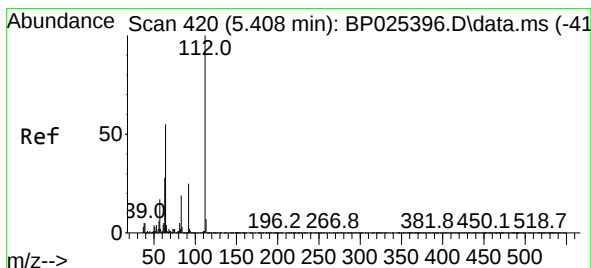
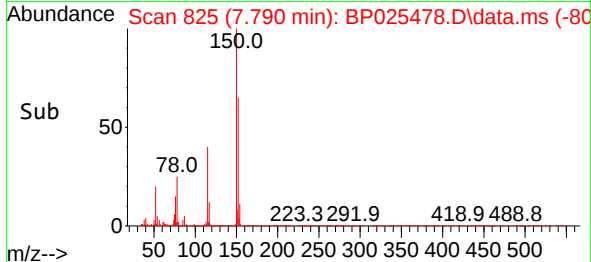
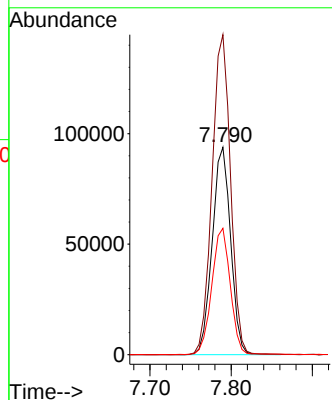
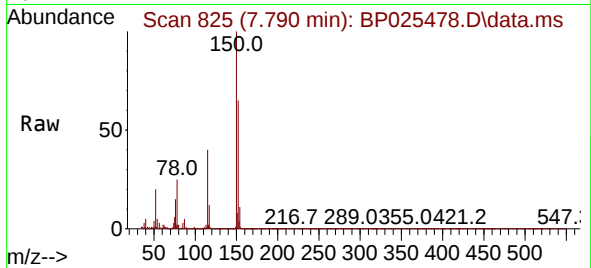




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

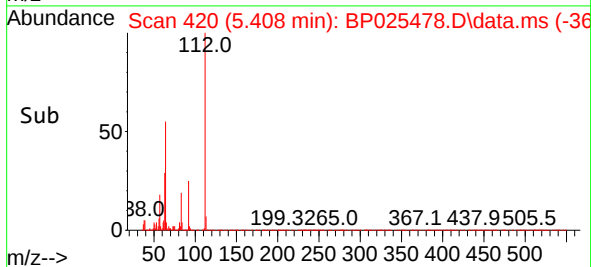
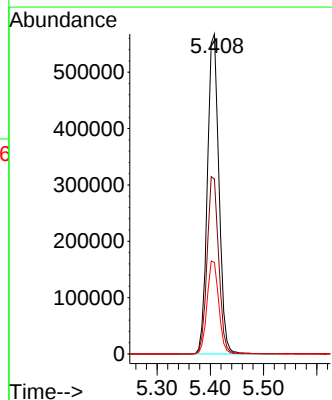
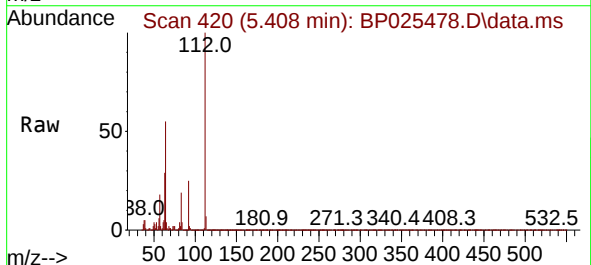
Instrument :
BNA_P
ClientSampleId :
TW-11M-S

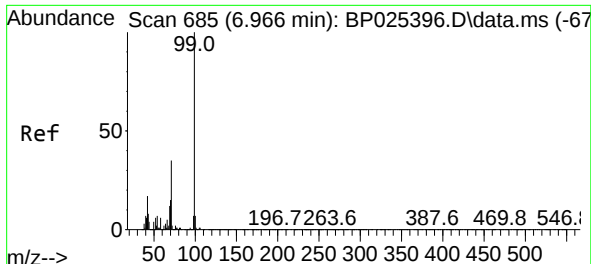
Tgt Ion:152 Resp: 147618
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 61.0 48.5 72.7



#5
2-Fluorophenol
Concen: 95.872 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

Tgt Ion:112 Resp: 852194
Ion Ratio Lower Upper
112 100
64 54.7 43.8 65.8
63 28.6 22.7 34.1

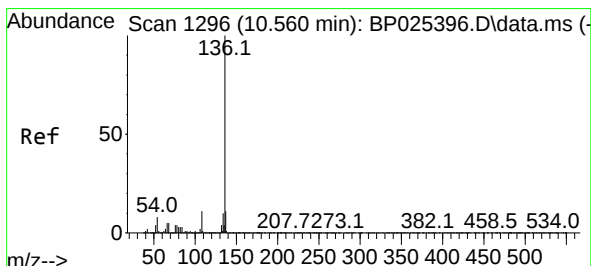
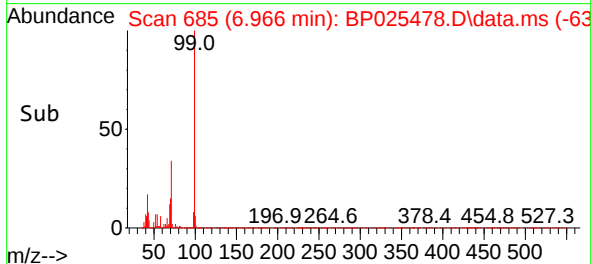
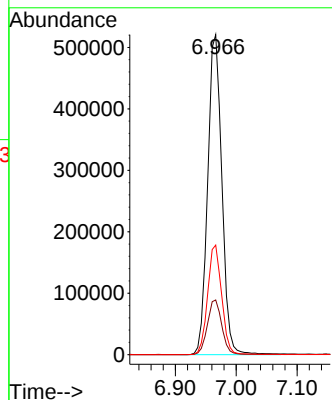
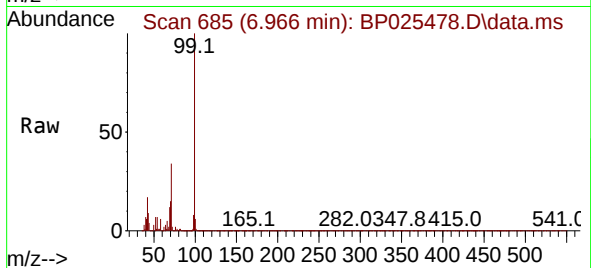




#7
Phenol-d6
Concen: 74.000 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

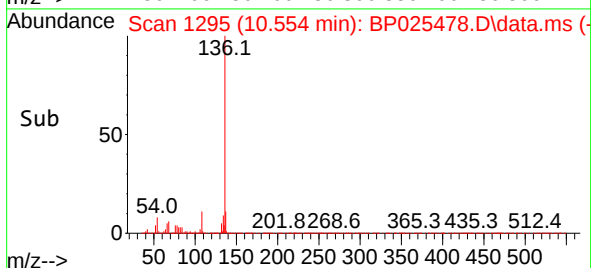
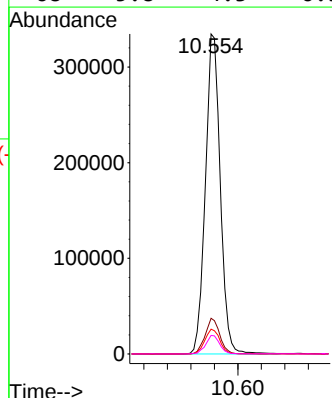
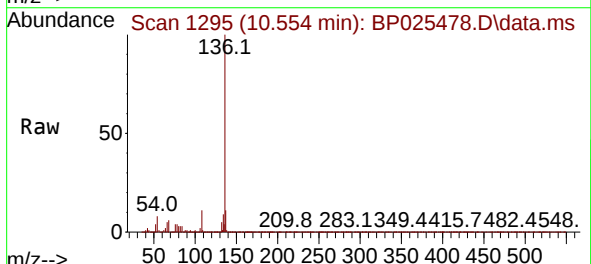
Instrument :
BNA_P
ClientSampleId :
TW-11M-S

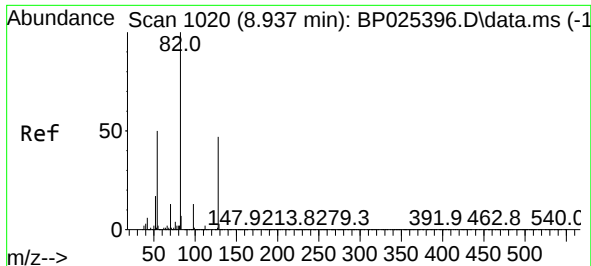
Tgt Ion: 99 Resp: 843334
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 34.3 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

Tgt Ion: 136 Resp: 586285
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.7 6.0 9.0
68 5.8 4.3 6.5

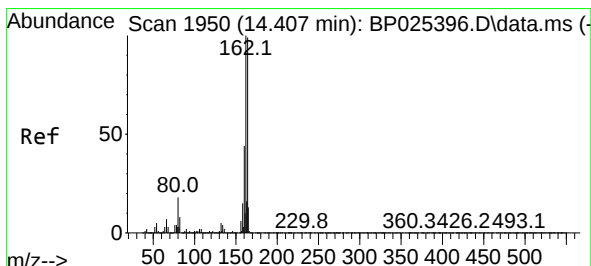
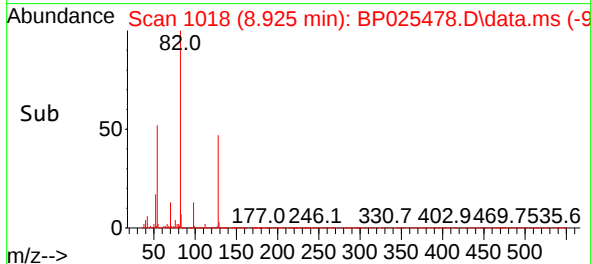
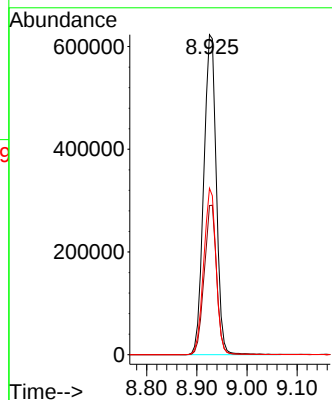
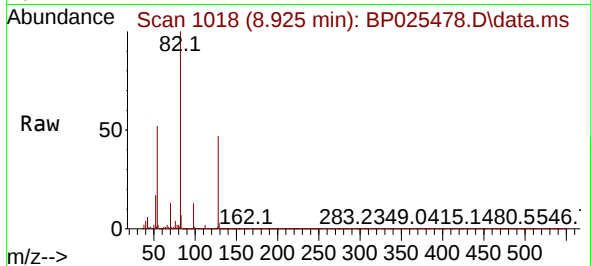




#23
Nitrobenzene-d5
Concen: 93.636 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

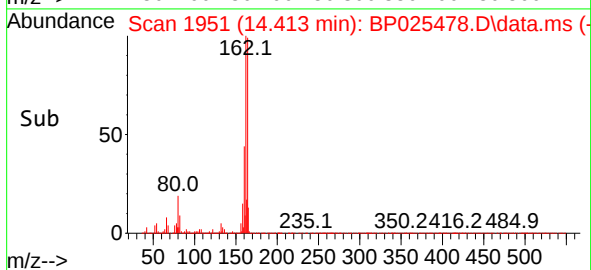
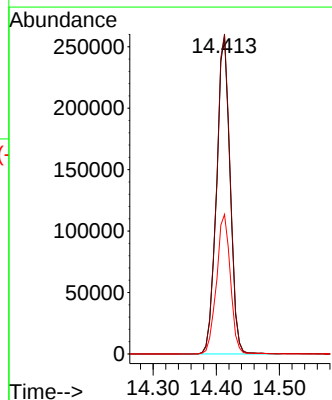
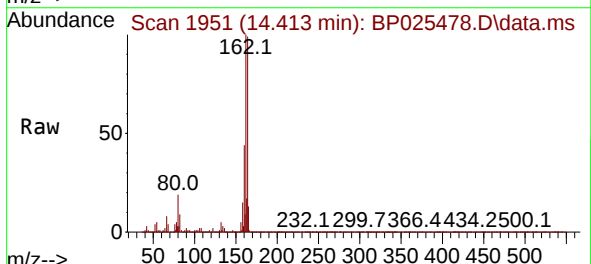
Instrument :
BNA_P
ClientSampleId :
TW-11M-S

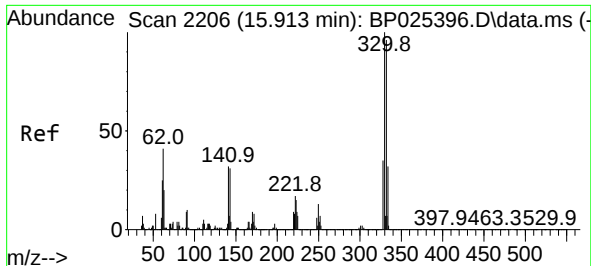
Tgt Ion: 82 Resp: 1085240
Ion Ratio Lower Upper
82 100
128 46.6 37.7 56.5
54 52.0 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

Tgt Ion:164 Resp: 383766
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.6
160 43.9 35.4 53.2

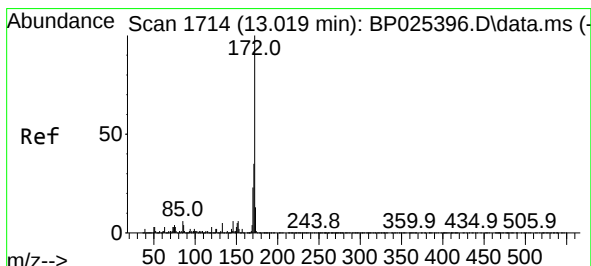
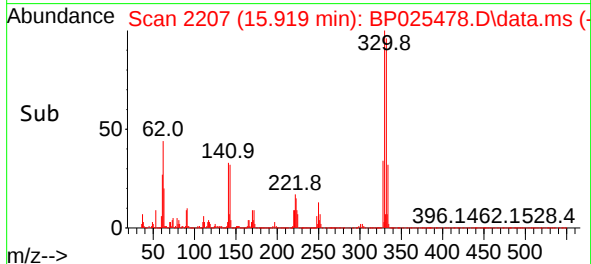
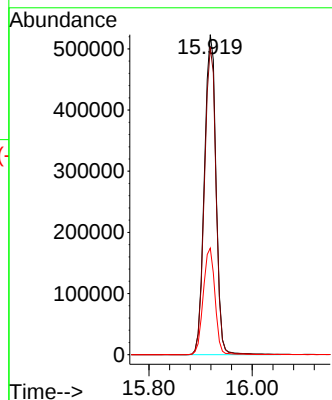
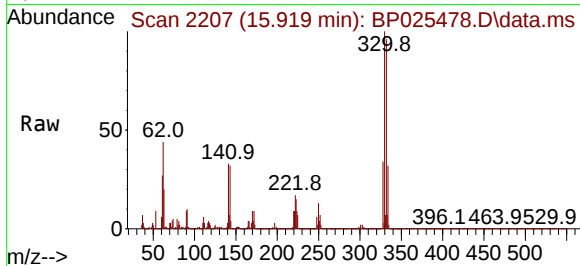




#42
2,4,6-Tribromophenol
Concen: 158.330 ng
RT: 15.919 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

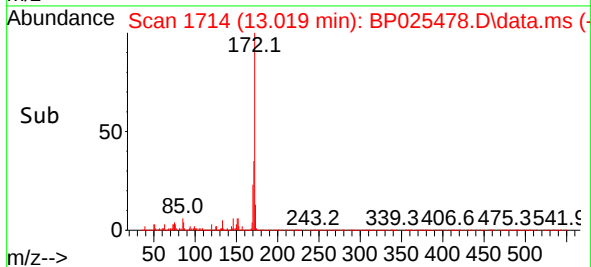
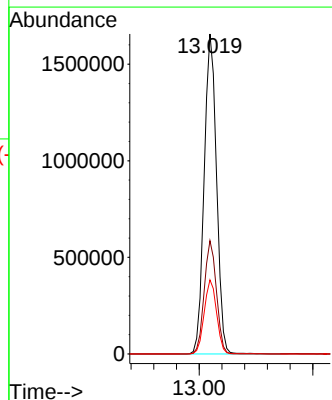
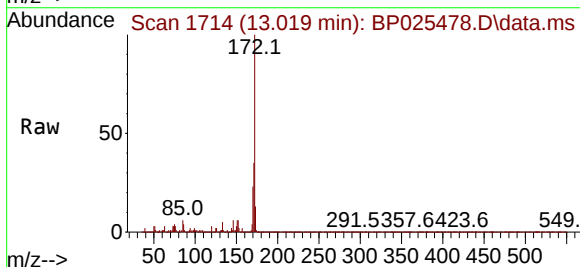
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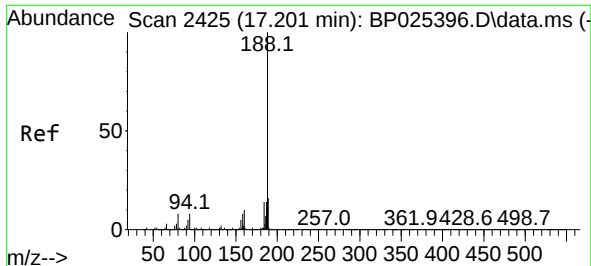
Tgt Ion:330 Resp: 817856
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.938 ng
RT: 13.019 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

Tgt Ion:172 Resp: 2497398
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.1 18.6 28.0

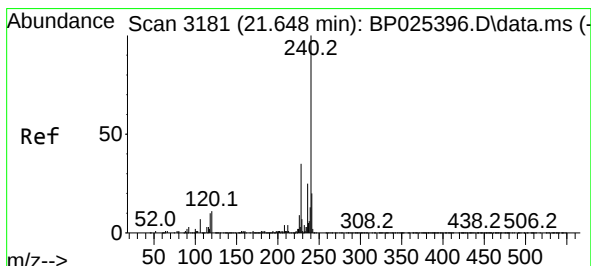
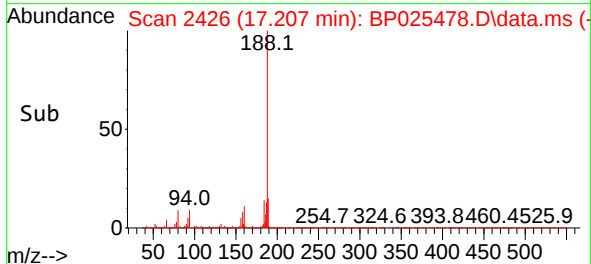
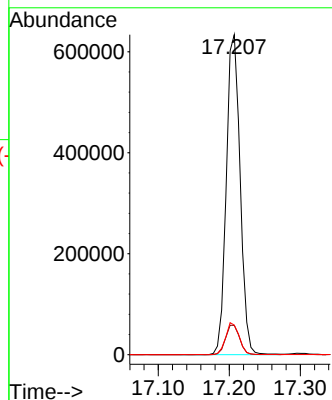
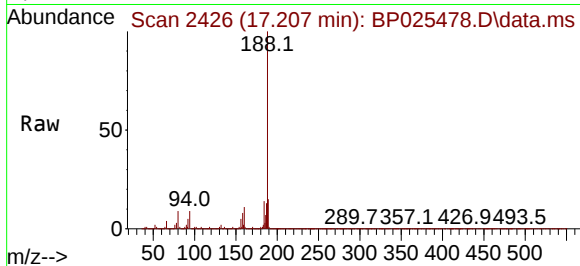




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.207 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

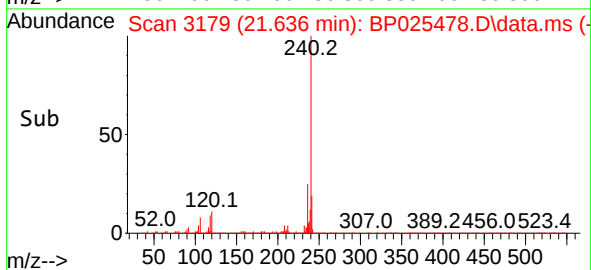
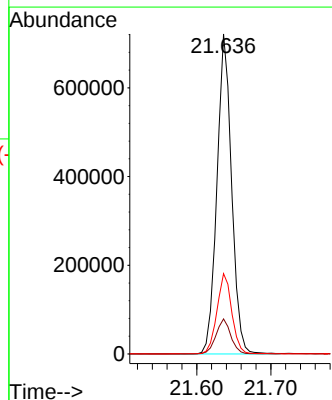
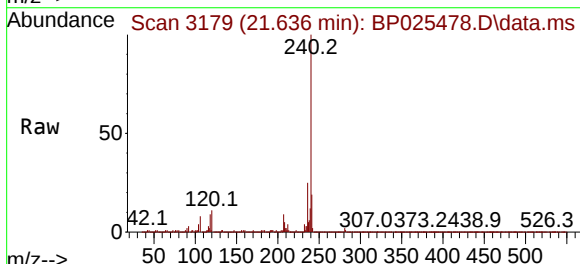
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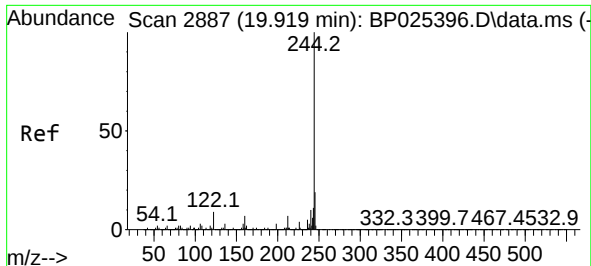
Tgt Ion:188 Resp: 852196
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025478.D
Acq: 19 Aug 2025 16:13

Tgt Ion:240 Resp: 989042
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.1 19.8 29.8

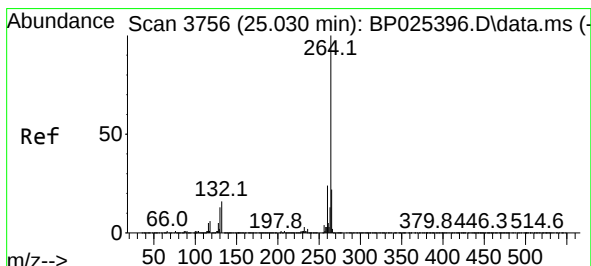
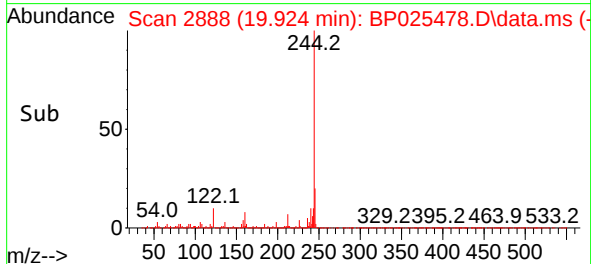
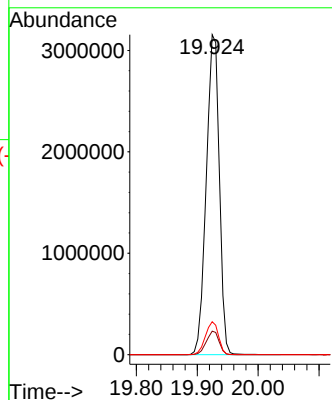
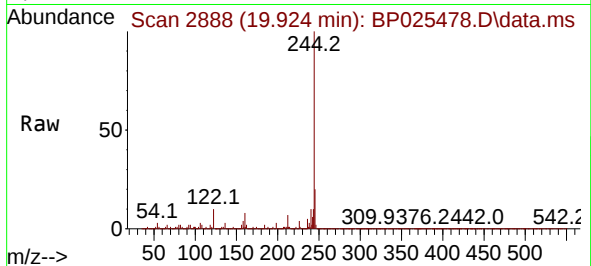




#79
 Terphenyl-d14
 Concen: 86.971 ng
 RT: 19.924 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025478.D
 Acq: 19 Aug 2025 16:13

Instrument :
 BNA_P
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Tgt Ion:244 Resp: 4701531
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3752
 Delta R.T. -0.024 min
 Lab File: BP025478.D
 Acq: 19 Aug 2025 16:13

Tgt Ion:264 Resp: 1090876
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 22.0 17.4 26.0

