

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025482.D
 Acq On : 19 Aug 2025 18:58
 Operator : CG/JU
 Sample : Q2820-20RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 88H-SRE

Quant Time: Aug 20 02:24:48 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	7.784	152	154647	20.000	ng	-0.01
21) Naphthalene-d8	10.554	136	609725	20.000	ng	0.00
39) Acenaphthene-d10	14.395	164	414467	20.000	ng	-0.01
64) Phenanthrene-d10	17.189	188	941825	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	1107741	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1188648	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	523229	56.188	ng	0.00
7) Phenol-d6	6.960	99	669597	56.085	ng	0.00
23) Nitrobenzene-d5	8.925	82	415109	34.439	ng	-0.01
42) 2,4,6-Tribromophenol	15.907	330	321497	57.629	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	905096	29.845	ng	-0.01
79) Terphenyl-d14	19.907	244	1838762	30.369	ng	-0.01

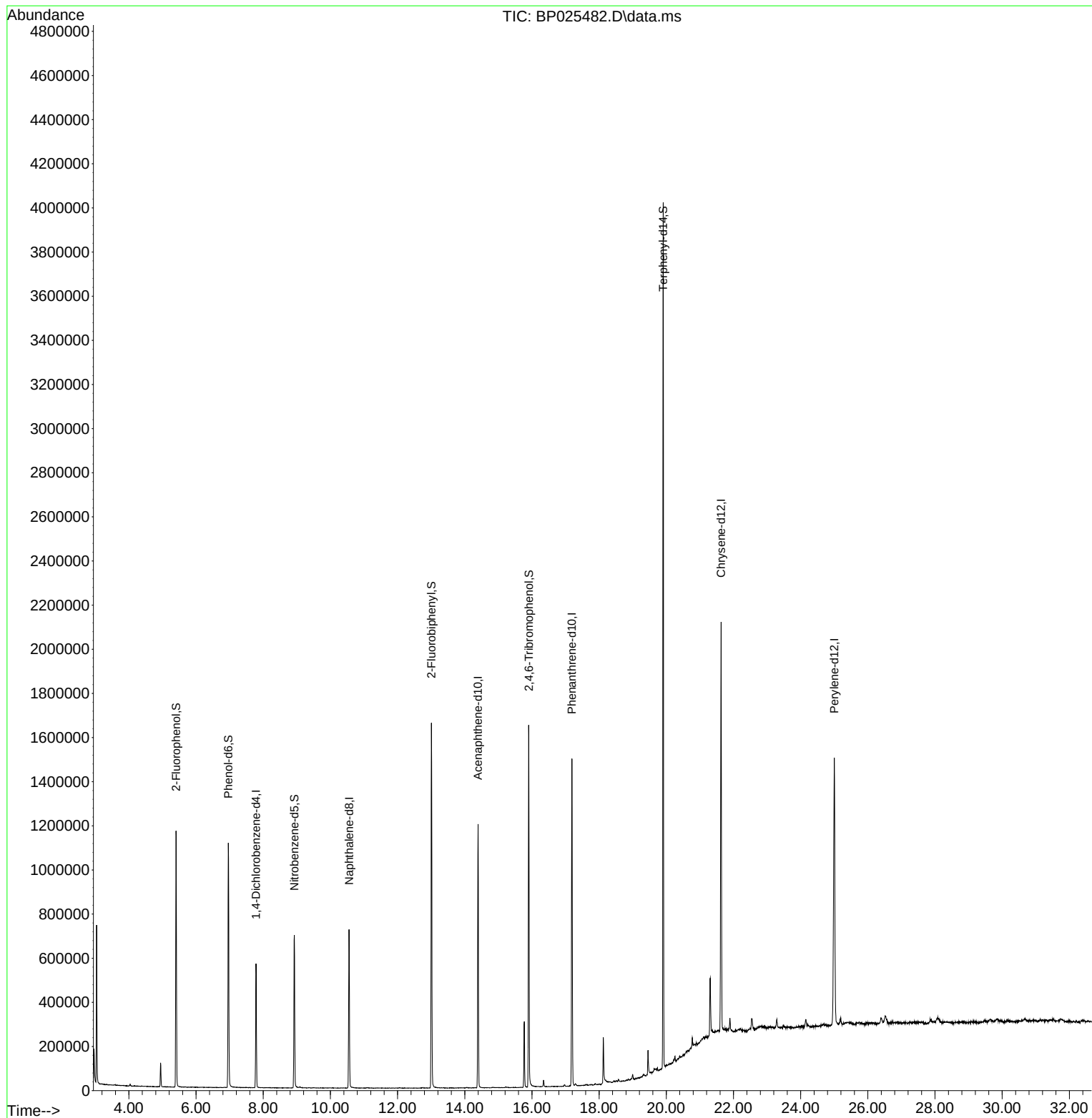
Target Compounds	Qvalue

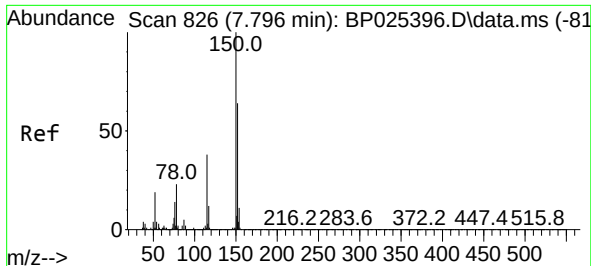
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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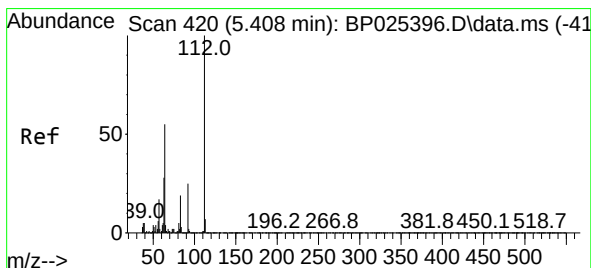
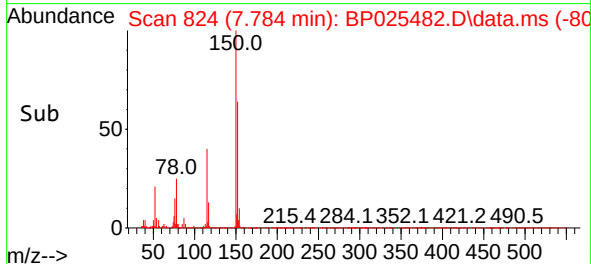
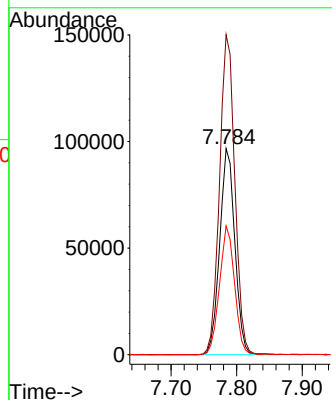
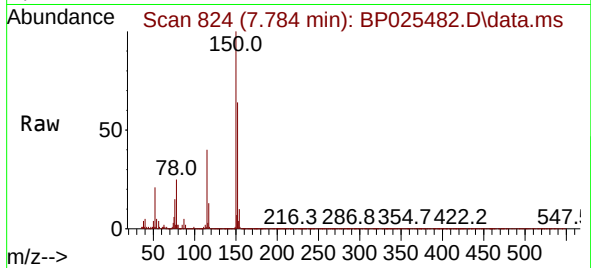




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

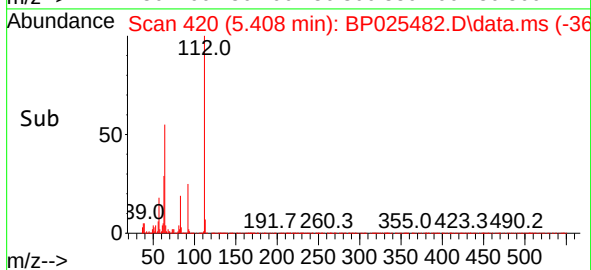
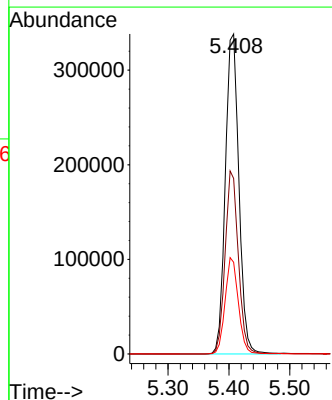
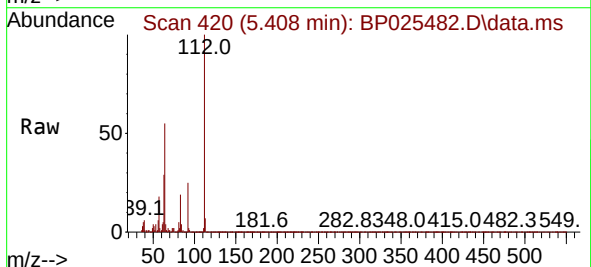
Instrument :
BNA_P
ClientSampleId :
88H-SRE

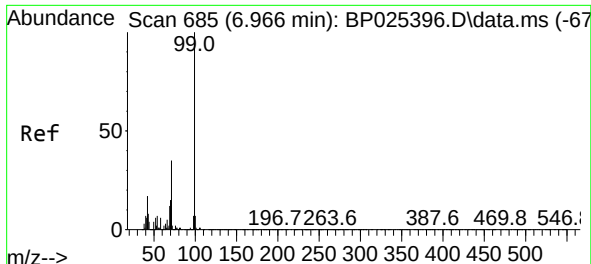
Tgt Ion:152 Resp: 154647
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 56.188 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

Tgt Ion:112 Resp: 523229
Ion Ratio Lower Upper
112 100
64 54.8 43.8 65.8
63 28.6 22.7 34.1

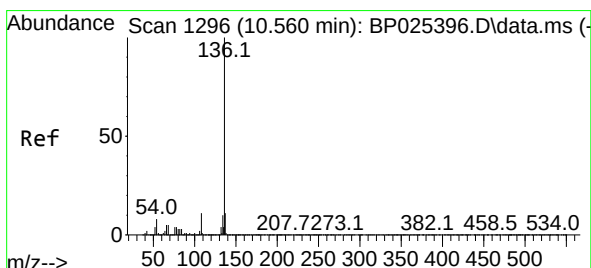
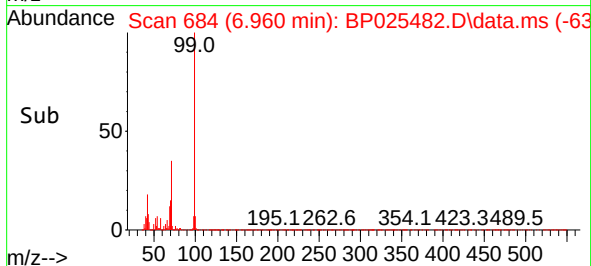
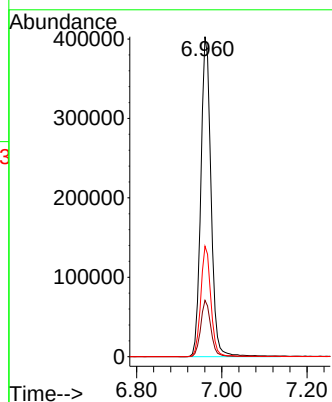
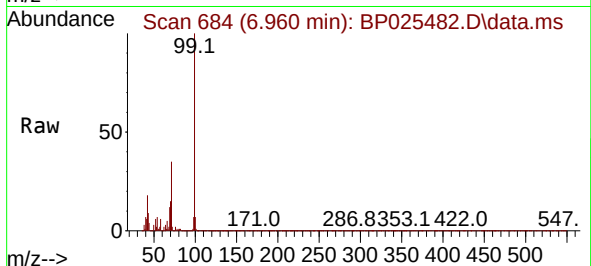




#7
Phenol-d6
Concen: 56.085 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

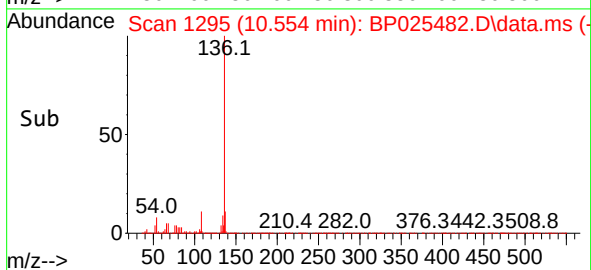
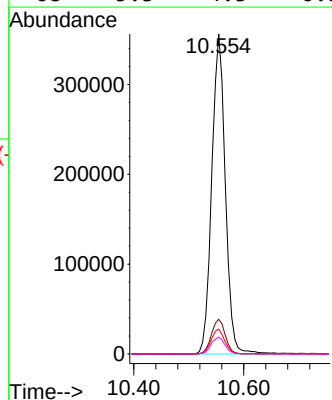
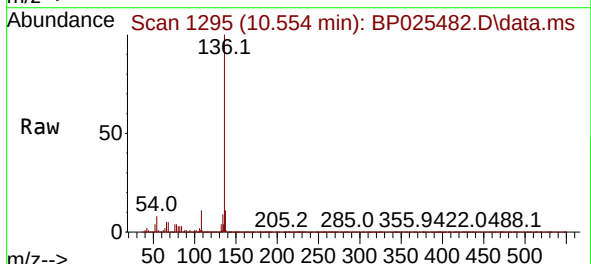
Instrument :
BNA_P
ClientSampleId :
88H-SRE

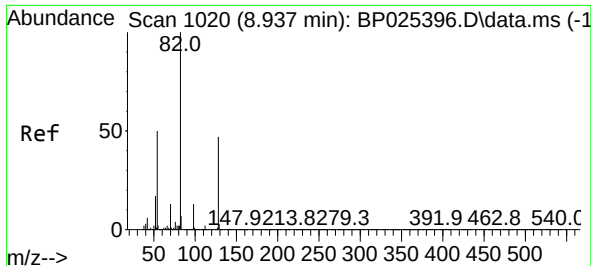
Tgt Ion: 99 Resp: 669597
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 34.5 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.554 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

Tgt Ion: 136 Resp: 609725
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.8 6.0 9.0
68 5.3 4.3 6.5

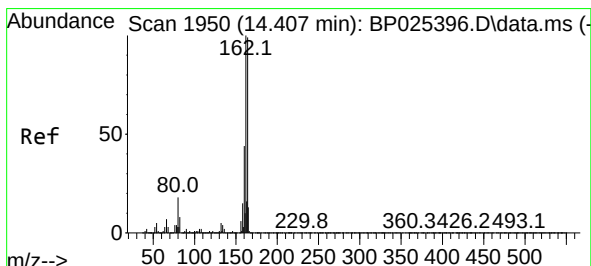
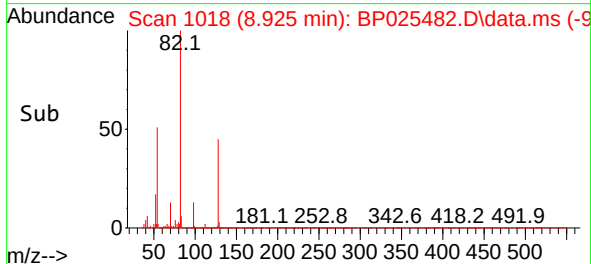
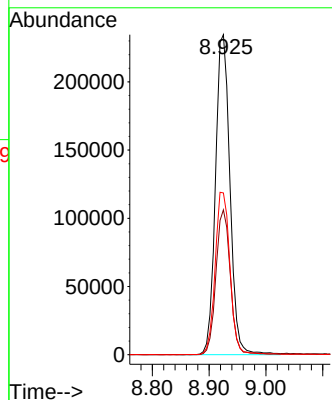
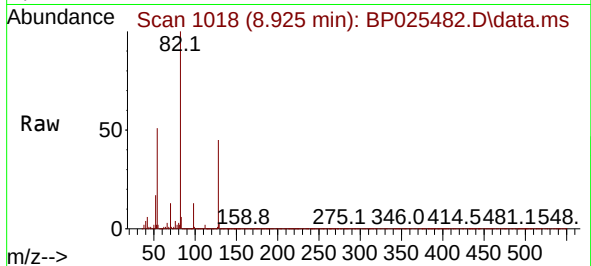




#23
Nitrobenzene-d5
Concen: 34.439 ng
RT: 8.925 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

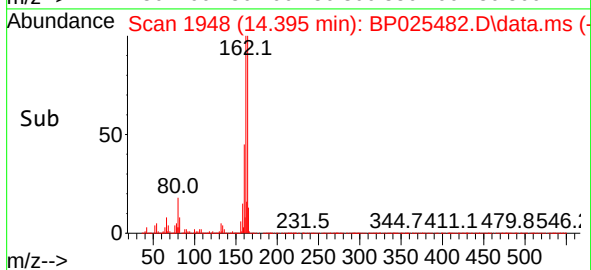
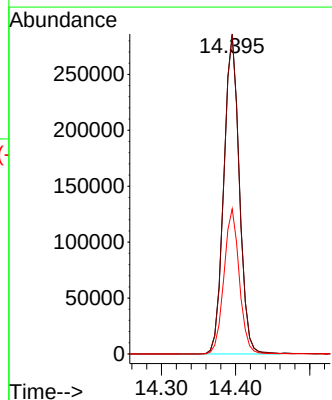
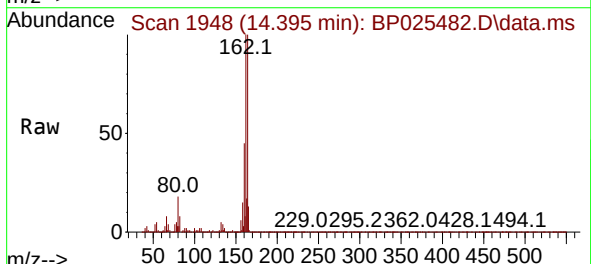
Instrument :
BNA_P
ClientSampleId :
88H-SRE

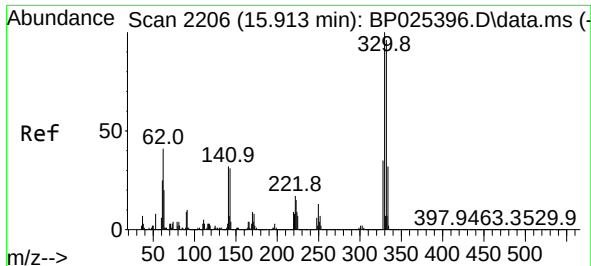
Tgt Ion: 82 Resp: 415109
Ion Ratio Lower Upper
82 100
128 45.2 37.7 56.5
54 50.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

Tgt Ion:164 Resp: 414467
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.6
160 45.6 35.4 53.2

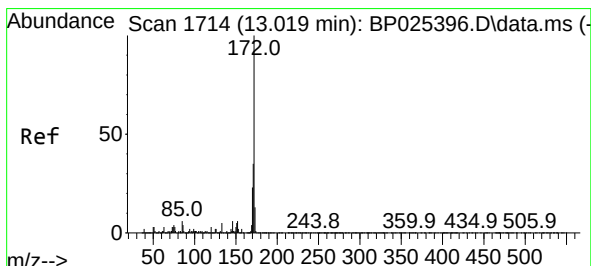
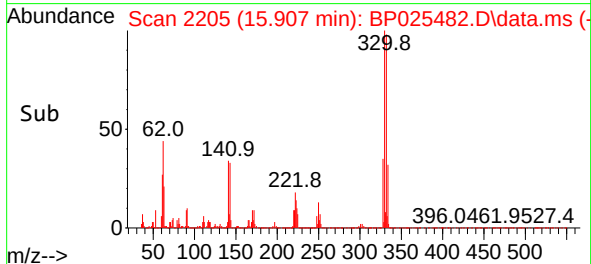
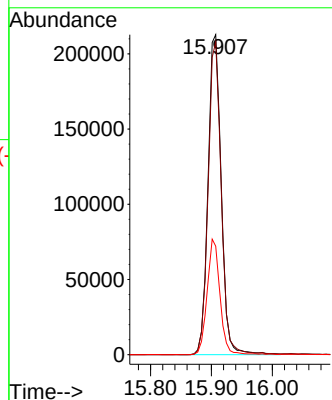
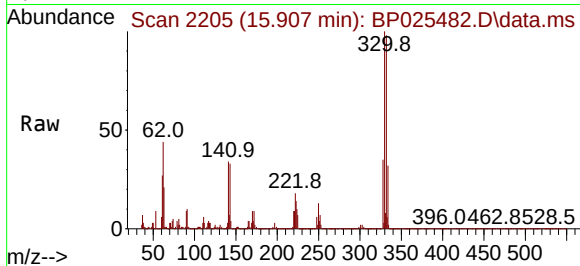




#42
2,4,6-Tribromophenol
Concen: 57.629 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

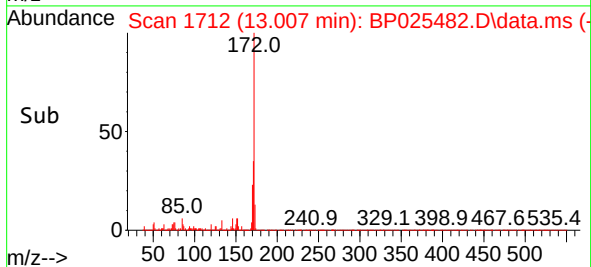
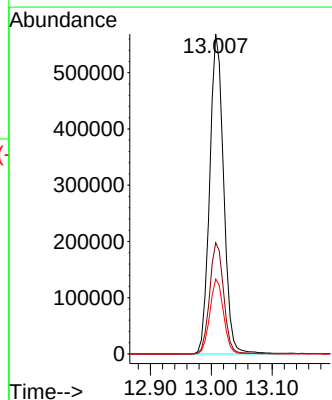
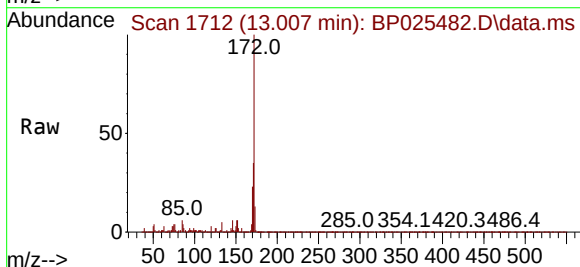
Instrument :
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ClientSampleId :
88H-SRE

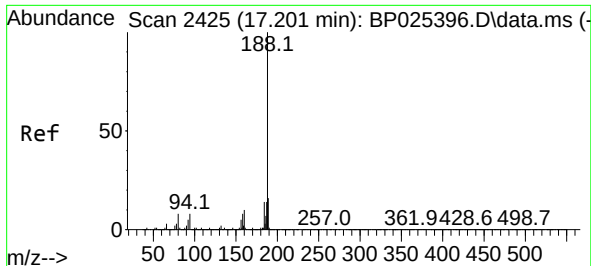
Tgt Ion:330 Resp: 321497
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 35.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 29.845 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

Tgt Ion:172 Resp: 905096
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.6 28.0

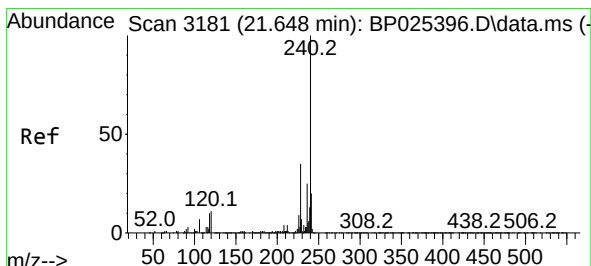
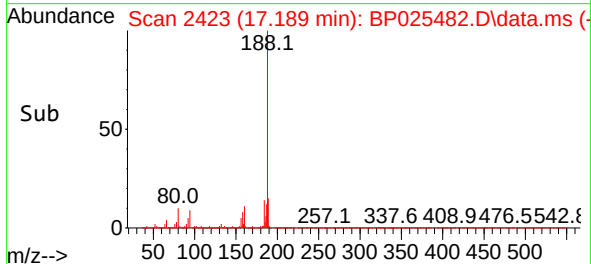
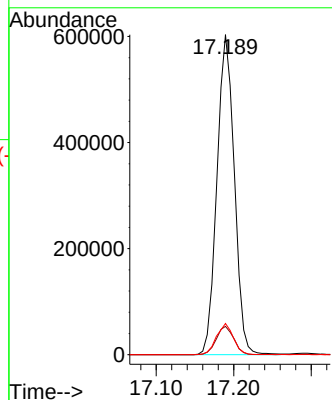
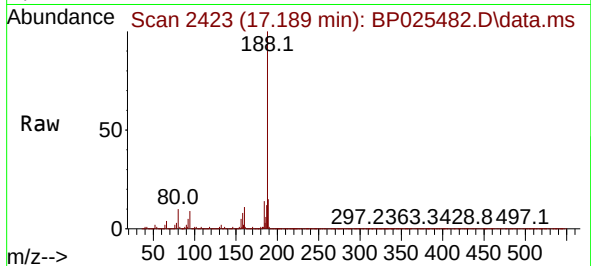




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

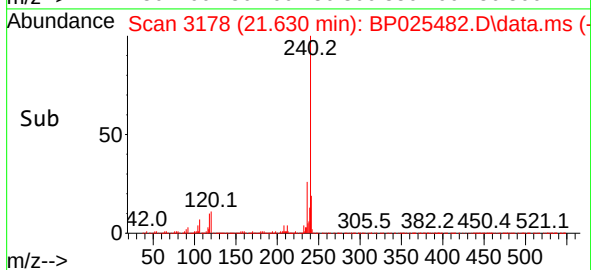
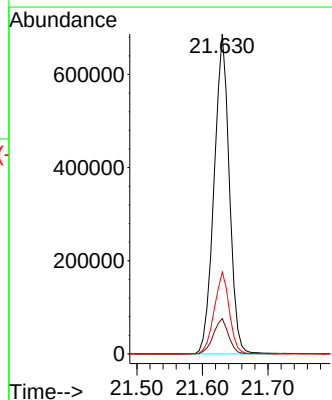
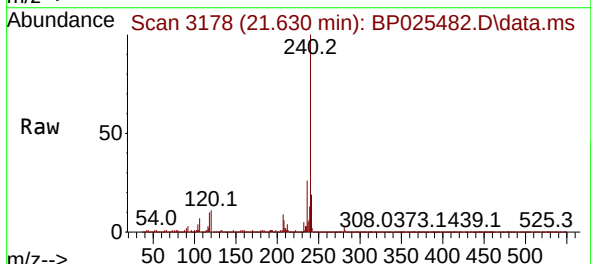
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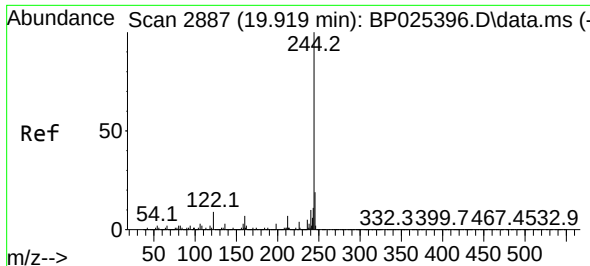
Tgt Ion:188 Resp: 941825
Ion Ratio Lower Upper
188 100
94 8.8 6.6 10.0
80 9.8 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025482.D
Acq: 19 Aug 2025 18:58

Tgt Ion:240 Resp: 1107741
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.6 19.8 29.8

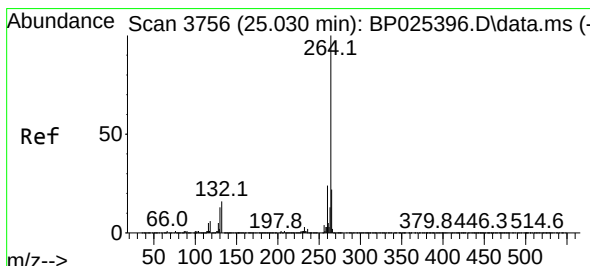
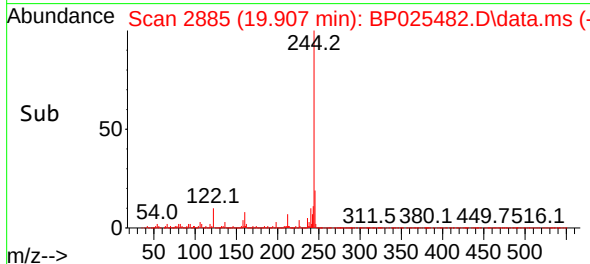
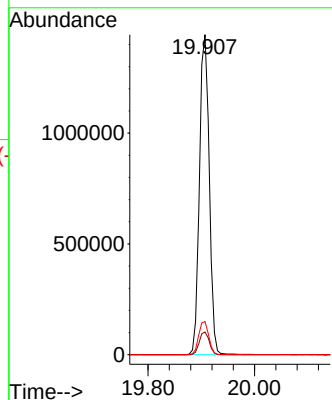
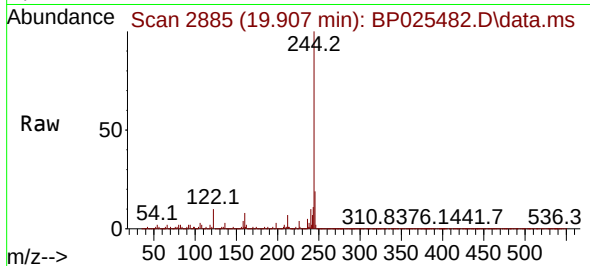




#79
 Terphenyl-d14
 Concen: 30.369 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025482.D
 Acq: 19 Aug 2025 18:58

Instrument :
 BNA_P
 ClientSampleId :
 88H-SRE

Tgt Ion:244 Resp: 1838762
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.4 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. -0.029 min
 Lab File: BP025482.D
 Acq: 19 Aug 2025 18:58

Tgt Ion:264 Resp: 1188648
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.8 17.4 26.0

