

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025498.D
 Acq On : 20 Aug 2025 07:16
 Operator : CG/JU
 Sample : Q2815-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-84SB-S

Quant Time: Aug 20 08:21:38 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	135355	20.000	ng	-0.01
21) Naphthalene-d8	10.560	136	532071	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	358845	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	772879	20.000	ng	0.00
76) Chrysene-d12	21.654	240	930555	20.000	ng	0.00
86) Perylene-d12	25.018	264	1053022	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	909955	111.644	ng	0.00
7) Phenol-d6	6.966	99	971106	92.932	ng	0.00
23) Nitrobenzene-d5	8.931	82	1073601	102.070	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	918952	190.256	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2513980	95.747	ng	0.00
79) Terphenyl-d14	19.930	244	4991772	98.144	ng	0.01

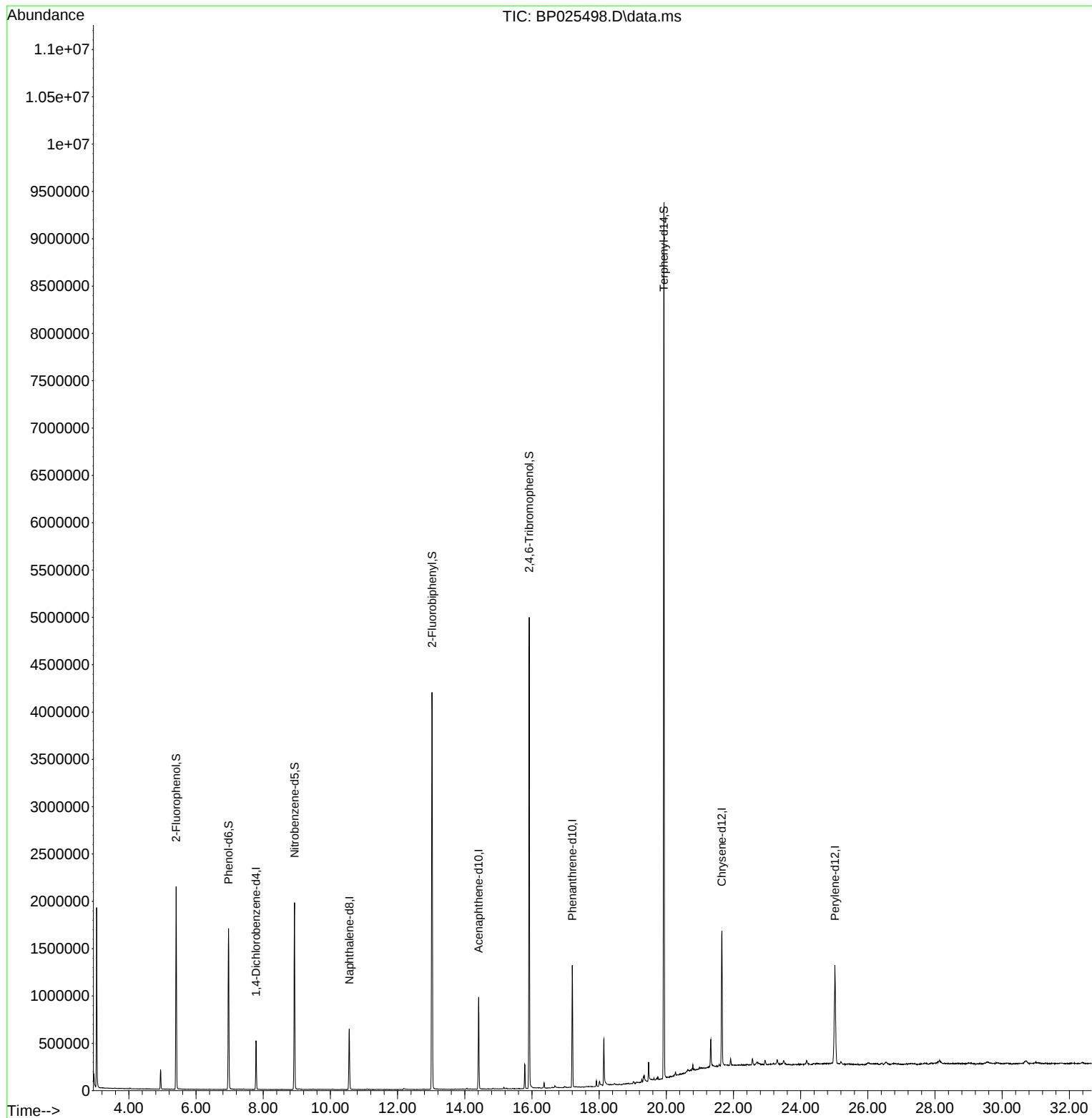
Target Compounds	Qvalue

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

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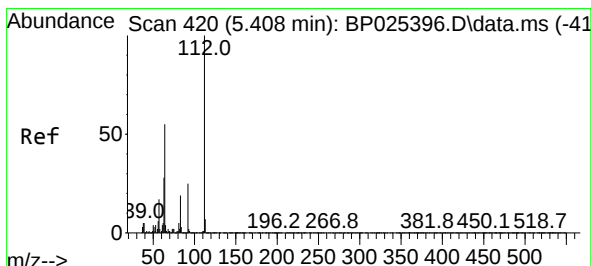
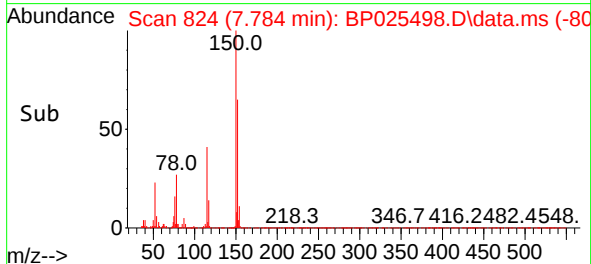
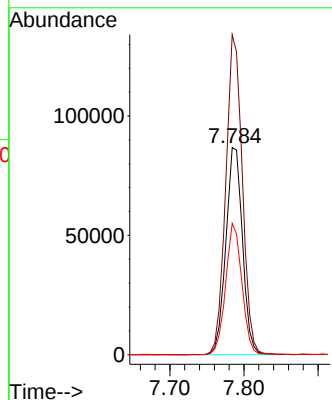
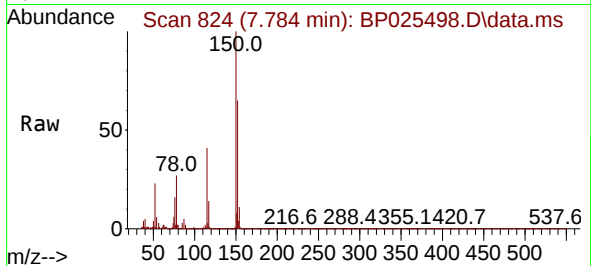




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.784 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

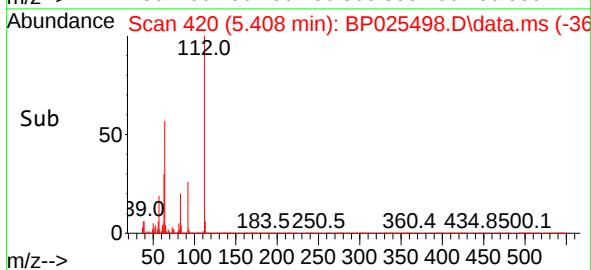
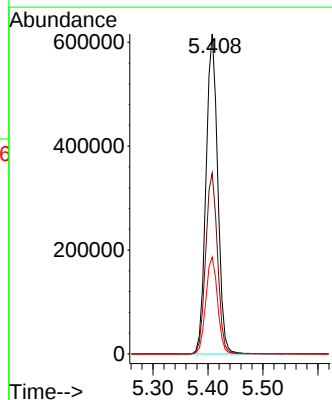
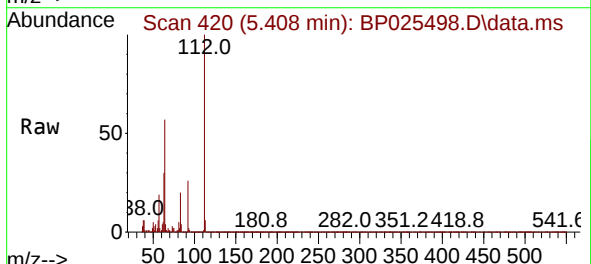
Instrument :
BNA_P
ClientSampleId :
TW-84SB-S

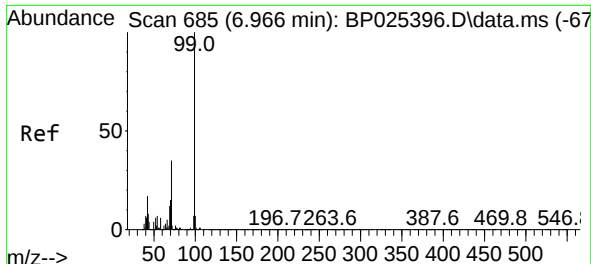
Tgt Ion:152 Resp: 135355
Ion Ratio Lower Upper
152 100
150 154.6 125.9 188.9
115 63.4 48.5 72.7



#5
2-Fluorophenol
Concen: 111.644 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

Tgt Ion:112 Resp: 909955
Ion Ratio Lower Upper
112 100
64 56.5 43.8 65.8
63 30.3 22.7 34.1

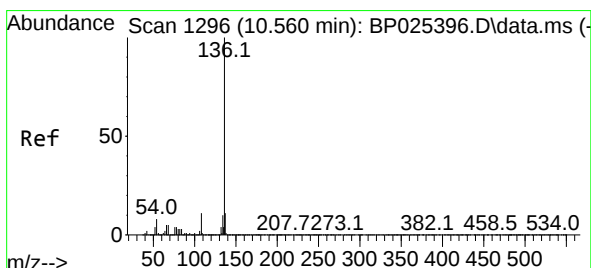
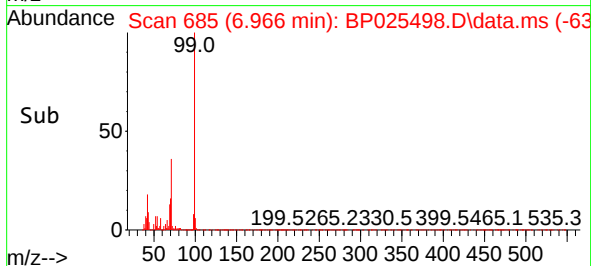
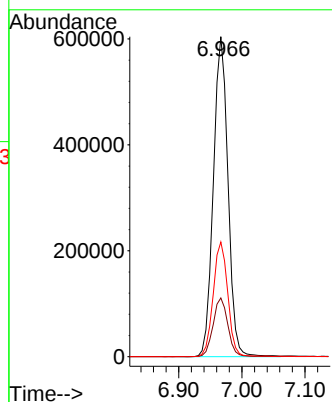
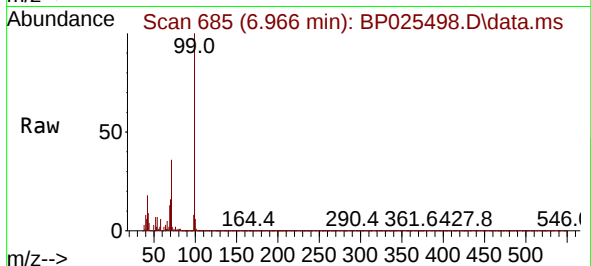




#7
Phenol-d6
Concen: 92.932 ng
RT: 6.966 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

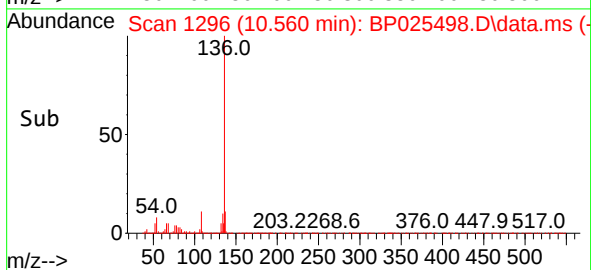
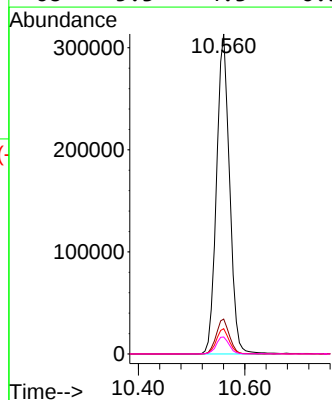
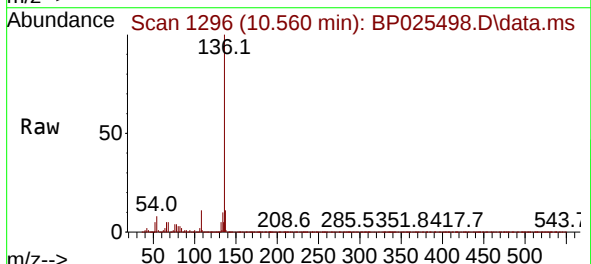
Instrument :
BNA_P
ClientSampleId :
TW-84SB-S

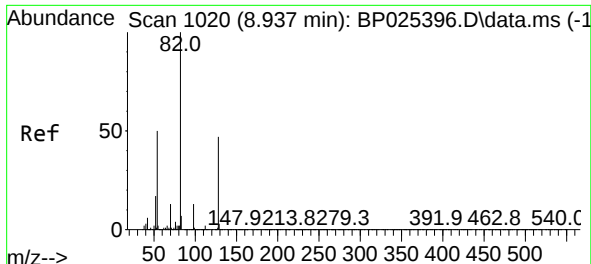
Tgt Ion: 99 Resp: 971106
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 35.9 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

Tgt Ion: 136 Resp: 532071
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 7.9 6.0 9.0
68 5.3 4.3 6.5

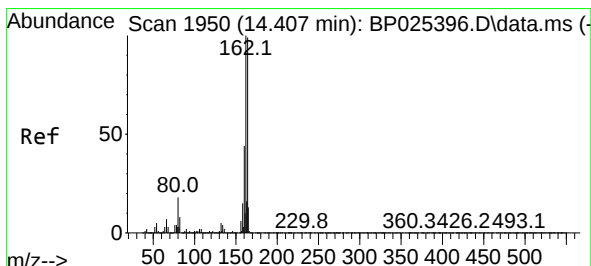
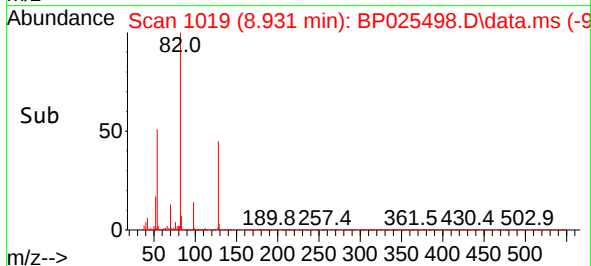
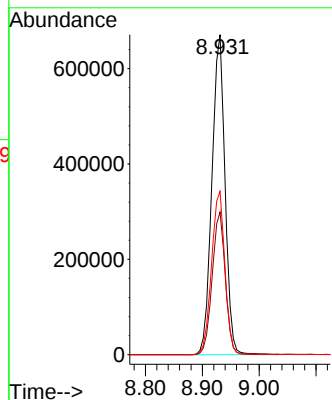
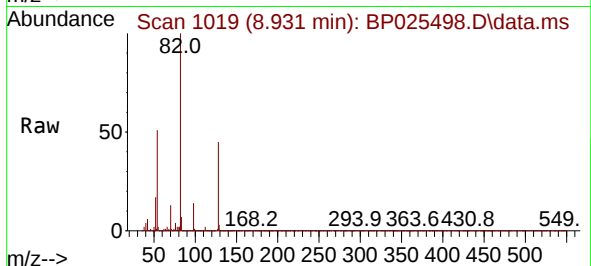




#23
Nitrobenzene-d5
Concen: 102.070 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

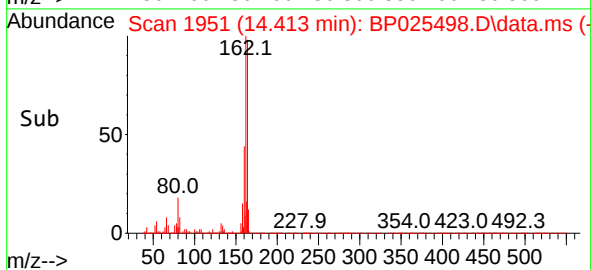
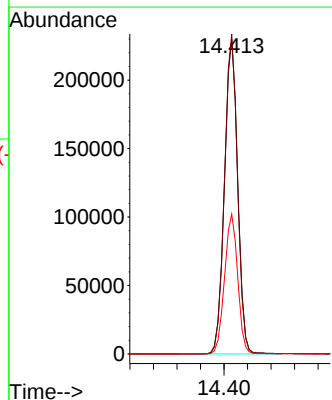
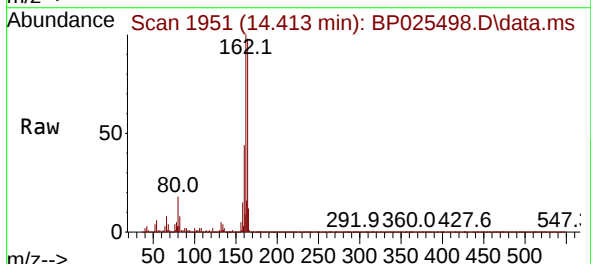
Instrument :
BNA_P
ClientSampleId :
TW-84SB-S

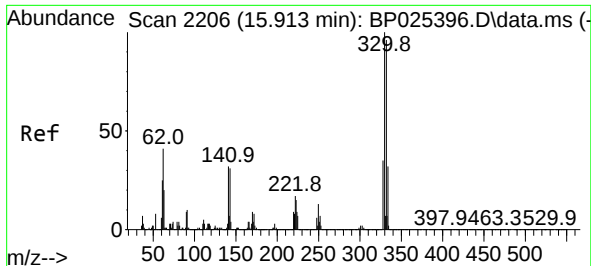
Tgt Ion: 82 Resp: 1073601
Ion Ratio Lower Upper
82 100
128 44.6 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.413 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

Tgt Ion:164 Resp: 358845
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.6
160 44.4 35.4 53.2

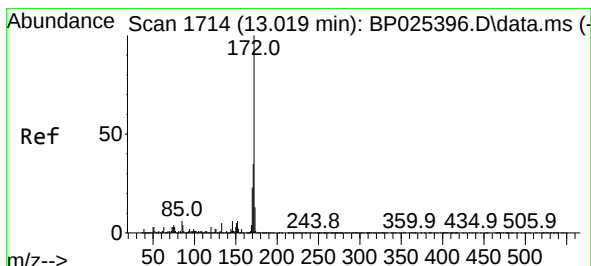
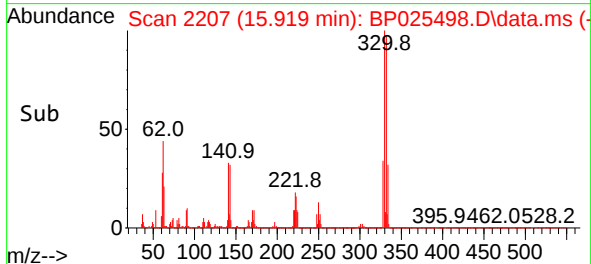
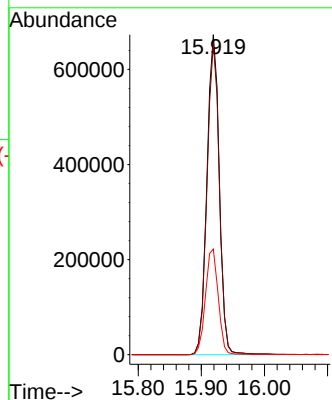
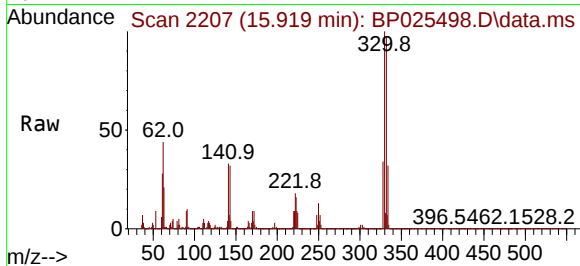




#42
2,4,6-Tribromophenol
Concen: 190.256 ng
RT: 15.919 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

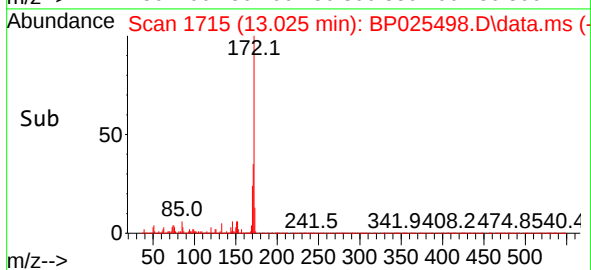
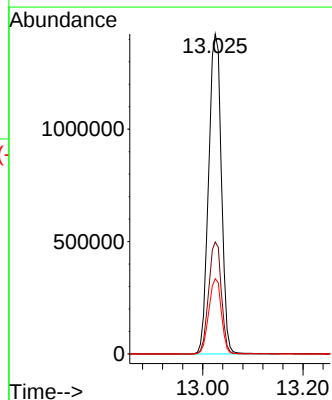
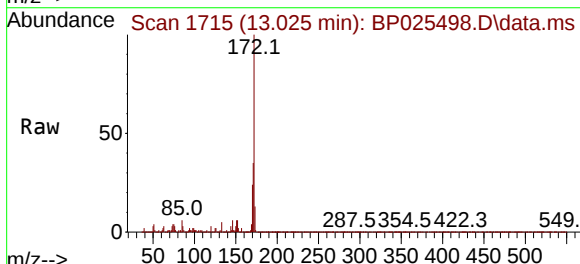
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ClientSampleId :
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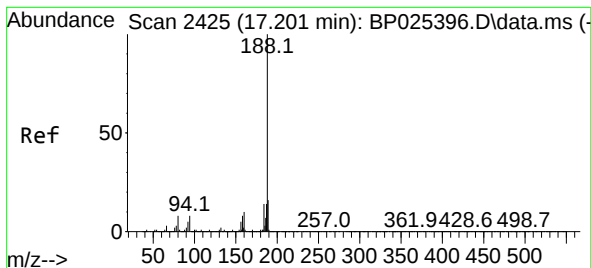
Tgt Ion:330 Resp: 918952
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 95.747 ng
RT: 13.025 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP025498.D
Acq: 20 Aug 2025 07:16

Tgt Ion:172 Resp: 2513980
Ion Ratio Lower Upper
172 100
171 35.0 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: BP025498.D

Acq: 20 Aug 2025 07:16

Instrument :

BNA_P

ClientSampleId :

TW-84SB-S

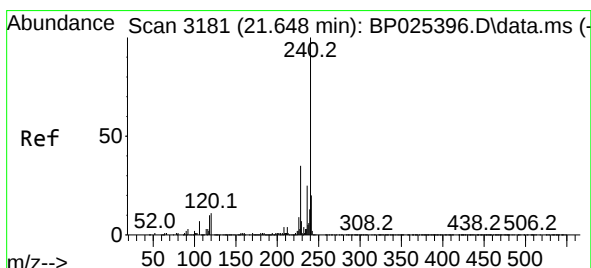
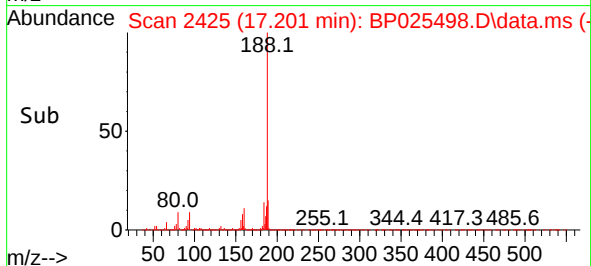
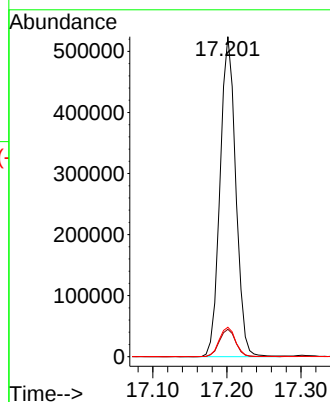
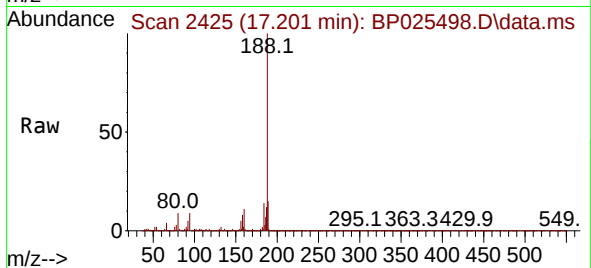
Tgt Ion:188 Resp: 772879

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.2 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.006 min

Lab File: BP025498.D

Acq: 20 Aug 2025 07:16

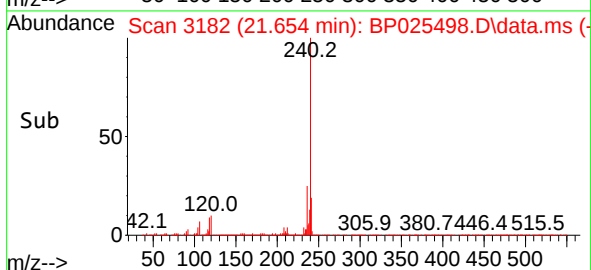
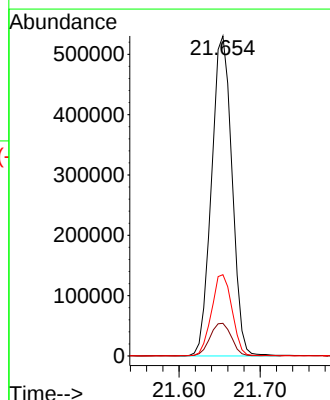
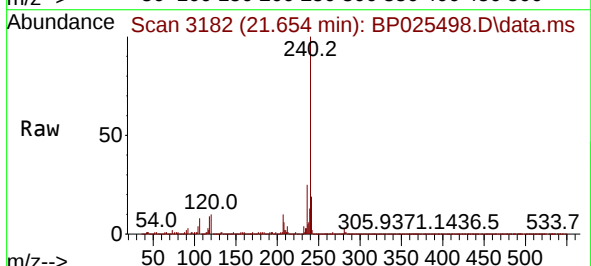
Tgt Ion:240 Resp: 930555

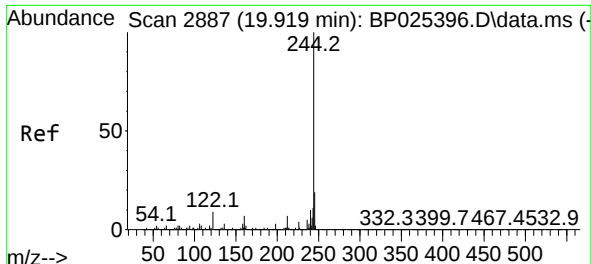
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.4 19.8 29.8

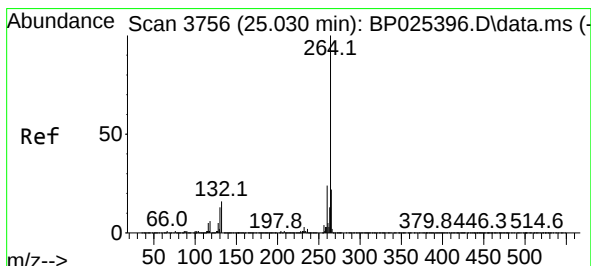
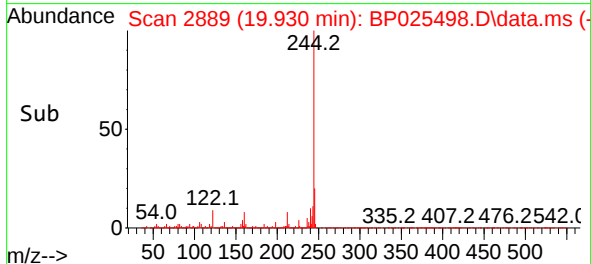
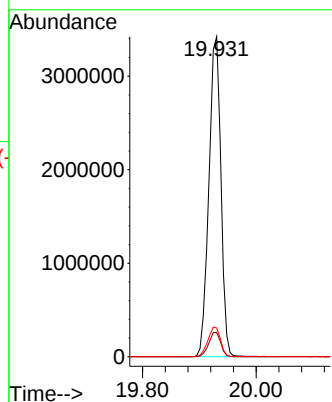
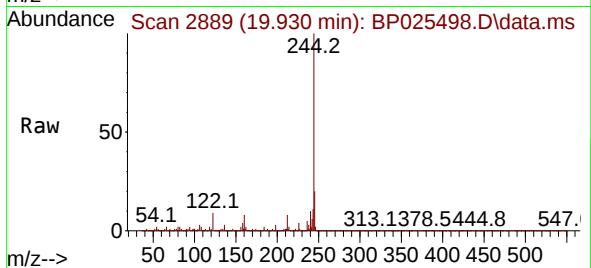




#79
 Terphenyl-d14
 Concen: 98.144 ng
 RT: 19.930 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BP025498.D
 Acq: 20 Aug 2025 07:16

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4991772
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 9.0 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.018 min Scan# 3754
 Delta R.T. -0.012 min
 Lab File: BP025498.D
 Acq: 20 Aug 2025 07:16

Tgt Ion:264 Resp: 1053022
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.9 17.4 26.0

