

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
 Data File : BP025499.D
 Acq On : 20 Aug 2025 07:57
 Operator : CG/JU
 Sample : Q2815-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-17M-S

Quant Time: Aug 20 08:21:55 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	171668	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	676553	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	465606	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	990987	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1097797	20.000	ng	0.00
86) Perylene-d12	25.001	264	1196411	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	900171	87.082	ng	0.00
7) Phenol-d6	6.966	99	946420	71.412	ng	0.00
23) Nitrobenzene-d5	8.931	82	978320	73.148	ng	0.00
42) 2,4,6-Tribromophenol	15.901	330	778648	124.244	ng	-0.01
45) 2-Fluorobiphenyl	13.013	172	2244425	65.880	ng	0.00
79) Terphenyl-d14	19.918	244	4095495	68.255	ng	0.00

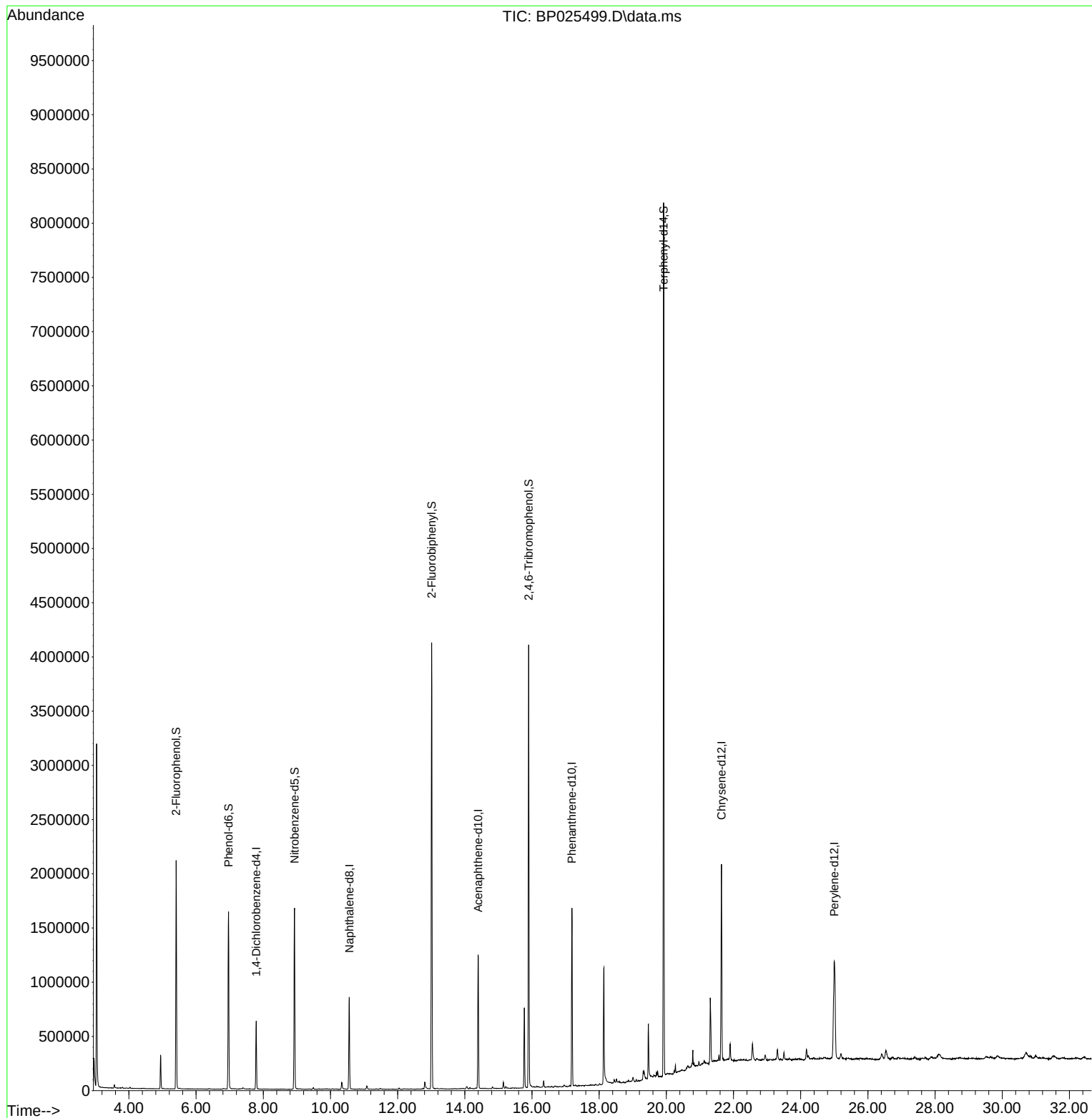
Target Compounds	Qvalue

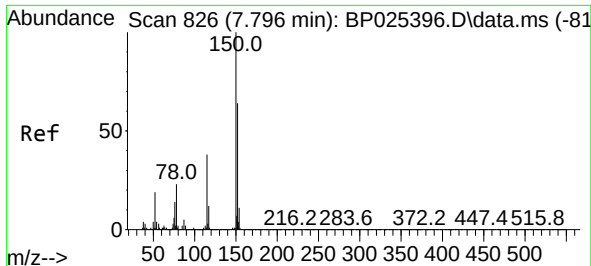
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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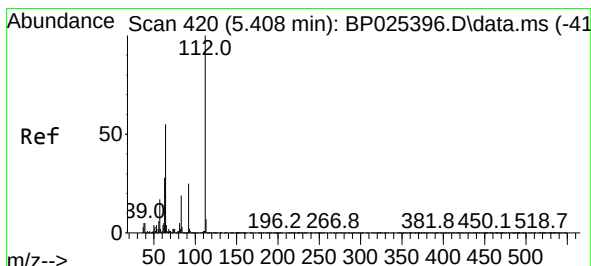
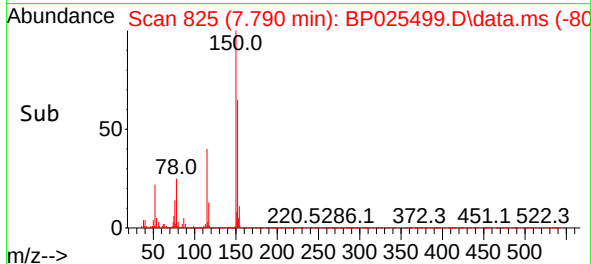
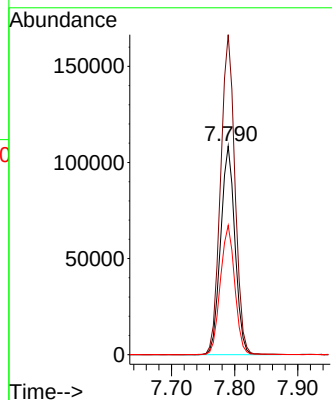
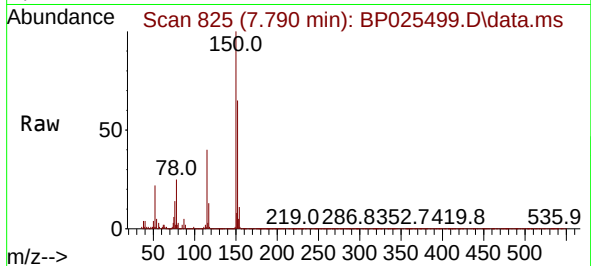




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.790 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

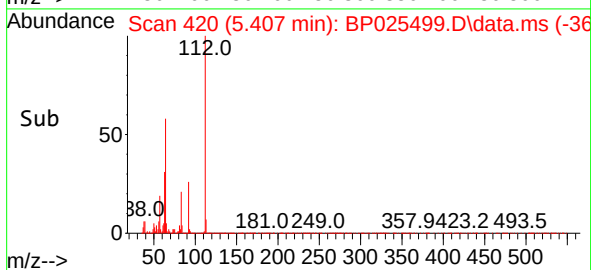
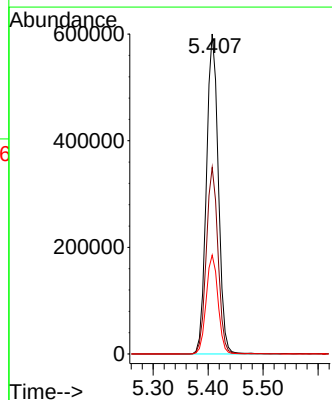
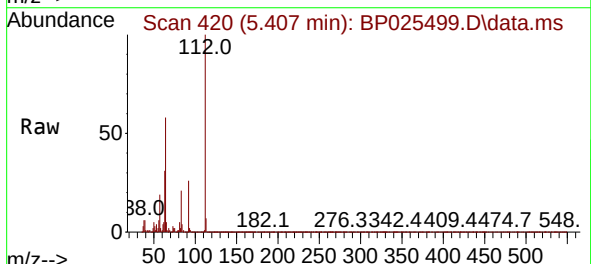
Instrument :
BNA_P
ClientSampleId :
TW-17M-S

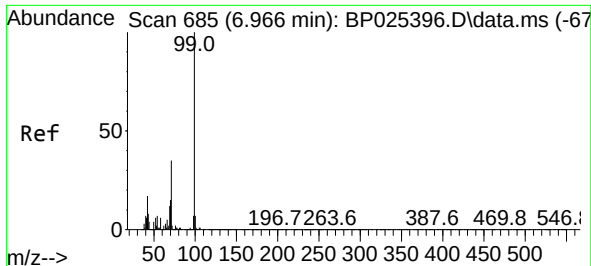
Tgt Ion:152 Resp: 171668
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 62.0 48.5 72.7



#5
2-Fluorophenol
Concen: 87.082 ng
RT: 5.407 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

Tgt Ion:112 Resp: 900171
Ion Ratio Lower Upper
112 100
64 58.3 43.8 65.8
63 30.9 22.7 34.1

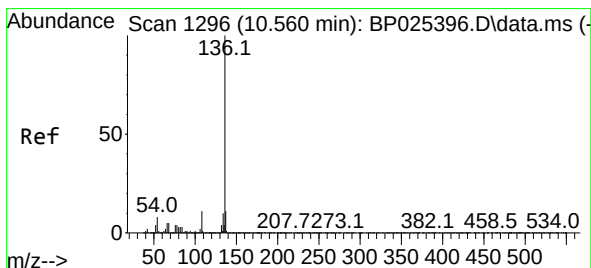
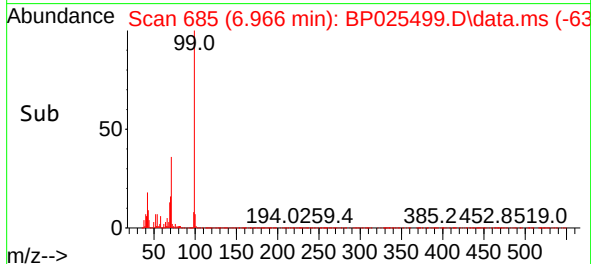
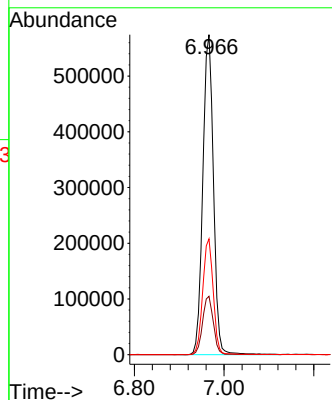
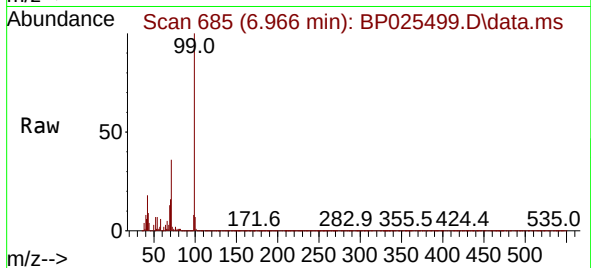




#7
Phenol-d6
Concen: 71.412 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

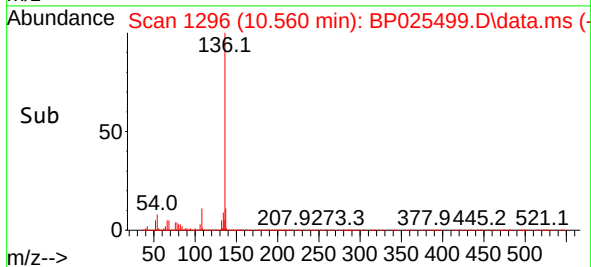
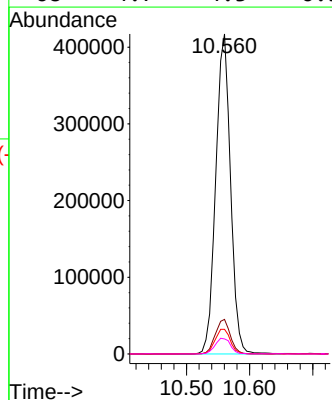
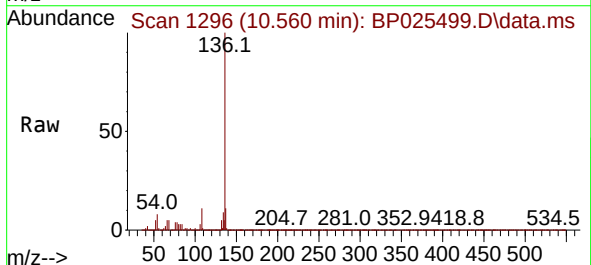
Instrument :
BNA_P
ClientSampleId :
TW-17M-S

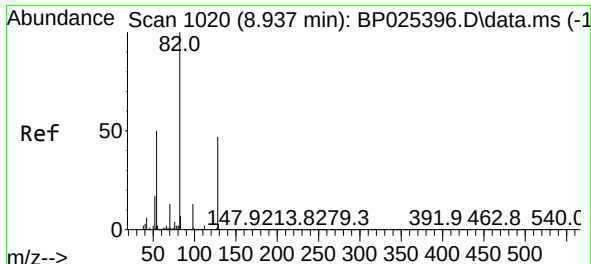
Tgt Ion: 99 Resp: 946420
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 36.2 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.560 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

Tgt Ion: 136 Resp: 676553
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 7.7 6.0 9.0
68 4.7 4.3 6.5

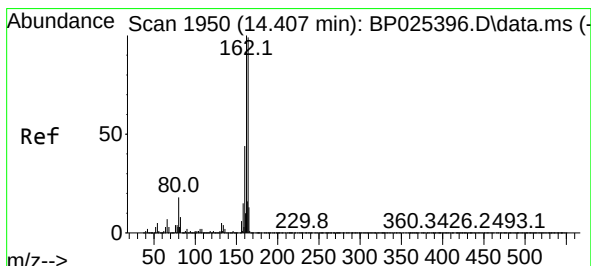
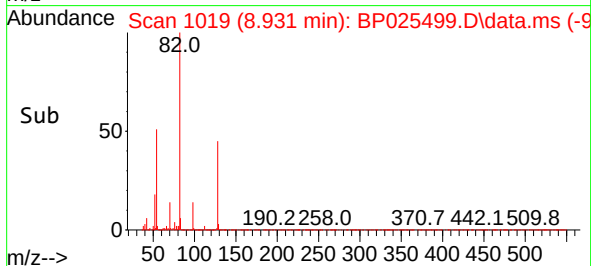
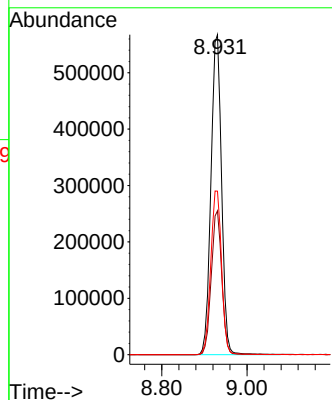
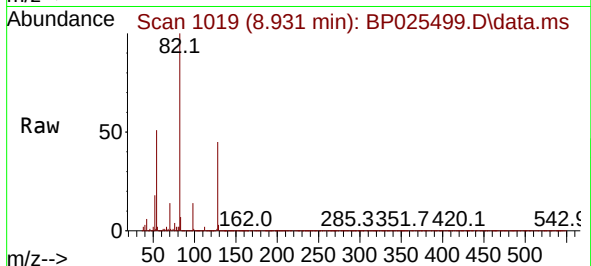




#23
Nitrobenzene-d5
Concen: 73.148 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

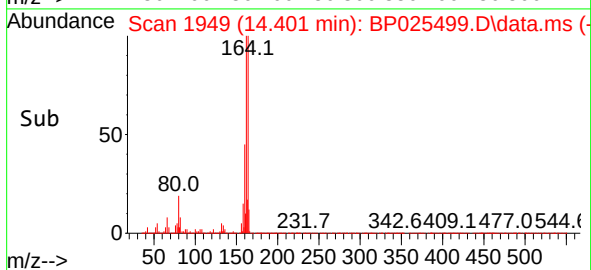
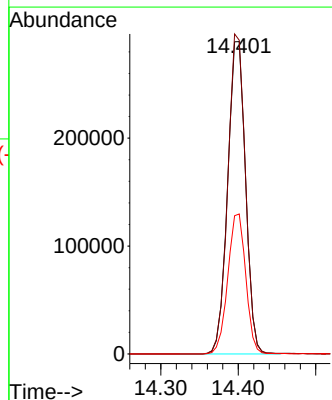
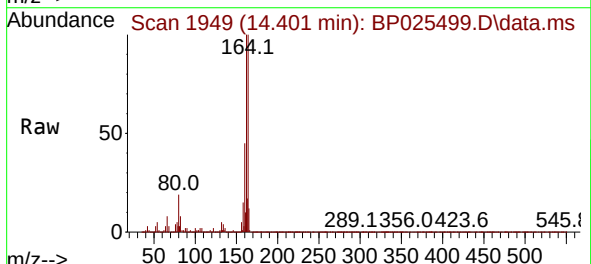
Instrument :
BNA_P
ClientSampleId :
TW-17M-S

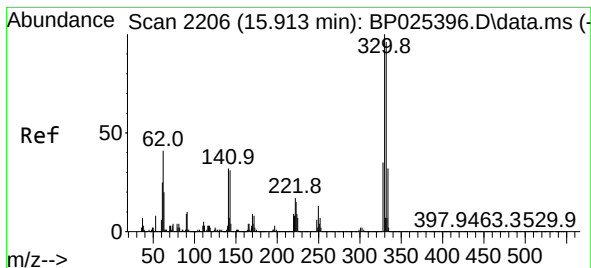
Tgt Ion: 82 Resp: 978320
Ion Ratio Lower Upper
82 100
128 44.9 37.7 56.5
54 51.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.401 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

Tgt Ion:164 Resp: 465606
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.6
160 44.8 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 124.244 ng

RT: 15.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025499.D

Acq: 20 Aug 2025 07:57

Instrument :

BNA_P

ClientSampleId :

TW-17M-S

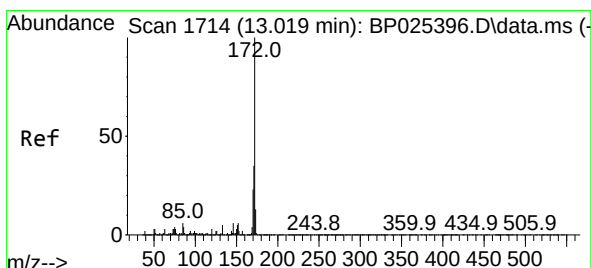
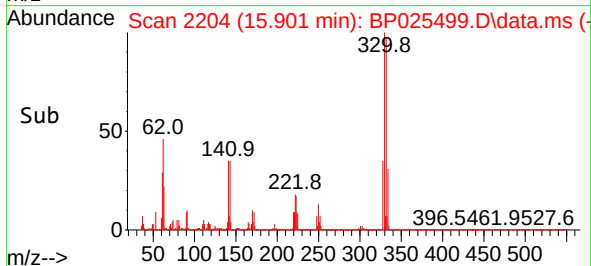
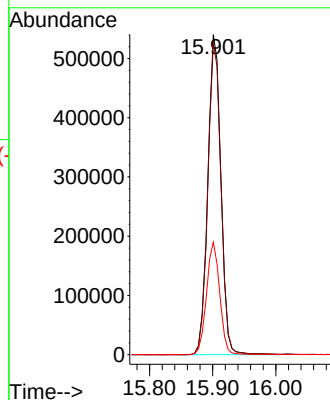
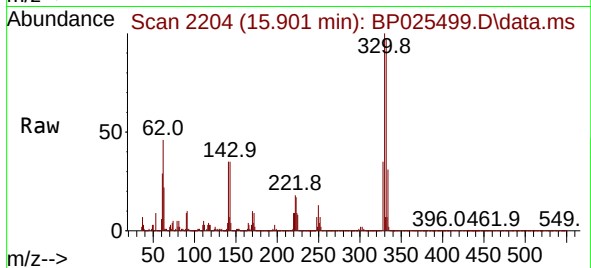
Tgt Ion:330 Resp: 778648

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 35.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 65.880 ng

RT: 13.013 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP025499.D

Acq: 20 Aug 2025 07:57

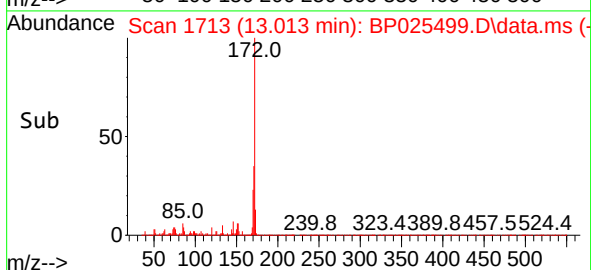
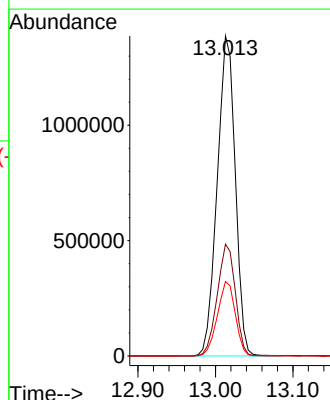
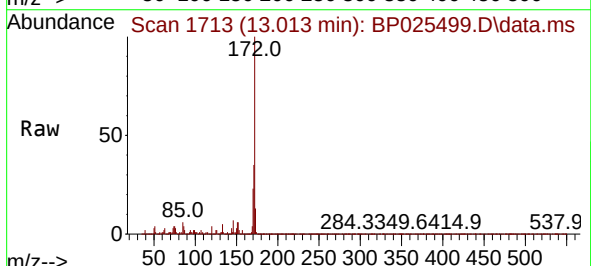
Tgt Ion:172 Resp: 2244425

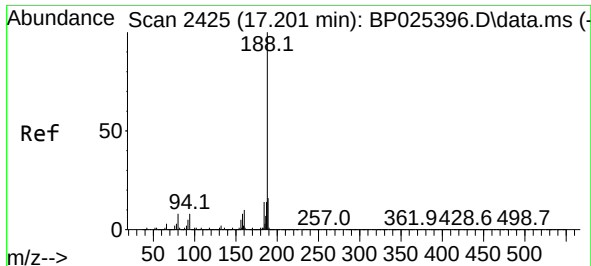
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 23.2 18.6 28.0

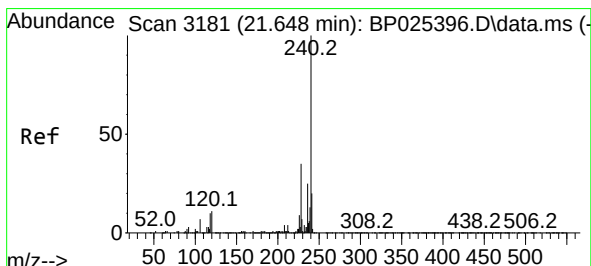
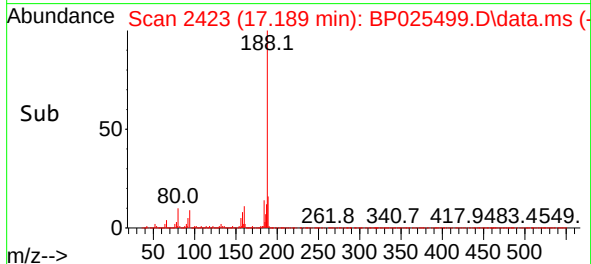
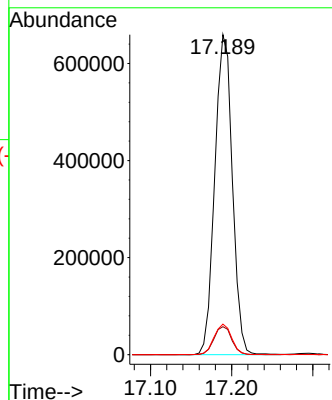
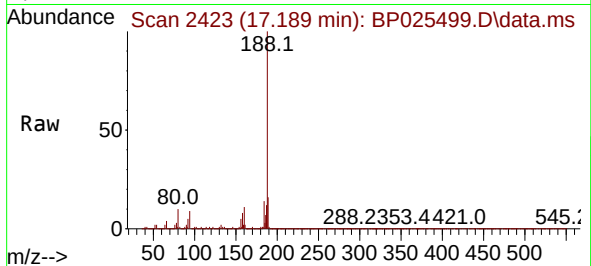




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

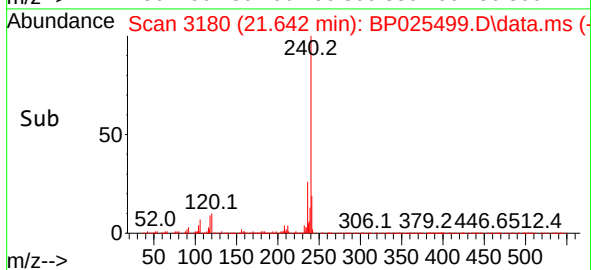
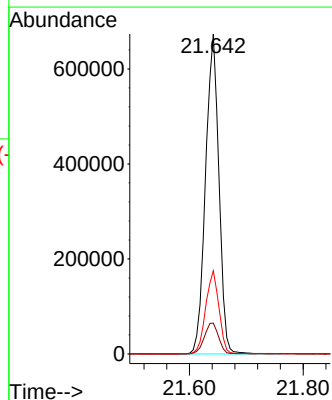
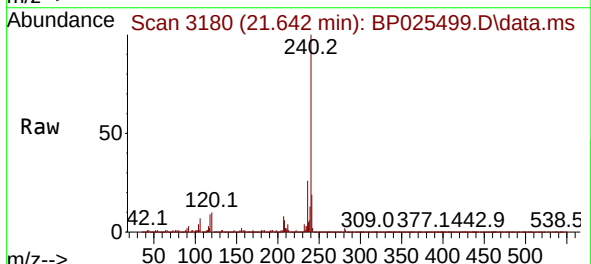
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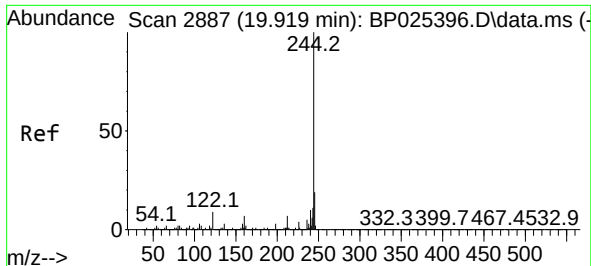
Tgt Ion:188 Resp: 990987
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.6 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025499.D
Acq: 20 Aug 2025 07:57

Tgt Ion:240 Resp: 1097797
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.0 19.8 29.8

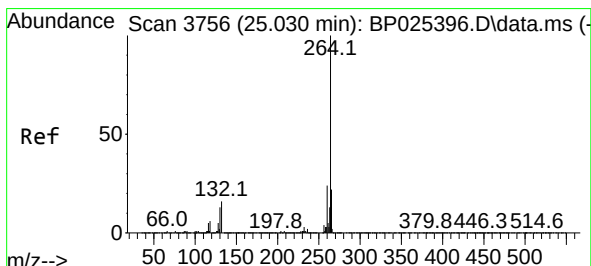
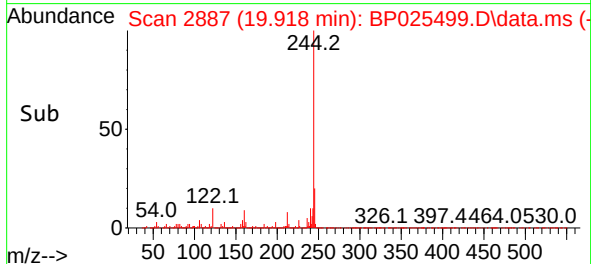
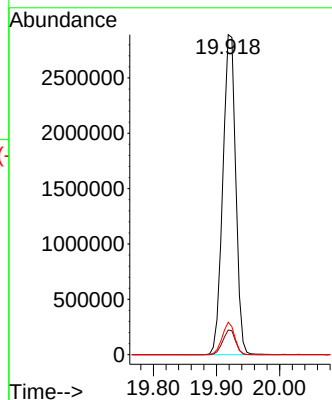
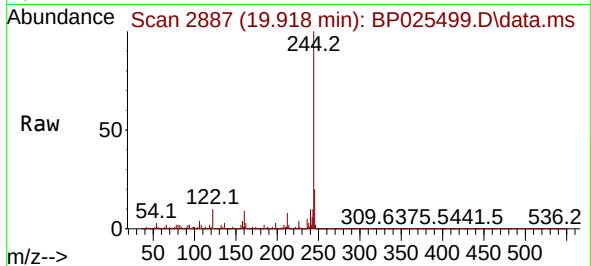




#79
 Terphenyl-d14
 Concen: 68.255 ng
 RT: 19.918 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP025499.D
 Acq: 20 Aug 2025 07:57

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4095495
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.6
 122 10.1 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. -0.030 min
 Lab File: BP025499.D
 Acq: 20 Aug 2025 07:57

Tgt Ion:264 Resp: 1196411
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.3 28.9
 265 21.5 17.4 26.0

