

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
 Data File : BP025585.D
 Acq On : 26 Aug 2025 14:33
 Operator : CG/JU
 Sample : Q2926-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-04-08212025

Quant Time: Aug 26 14:59:18 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)

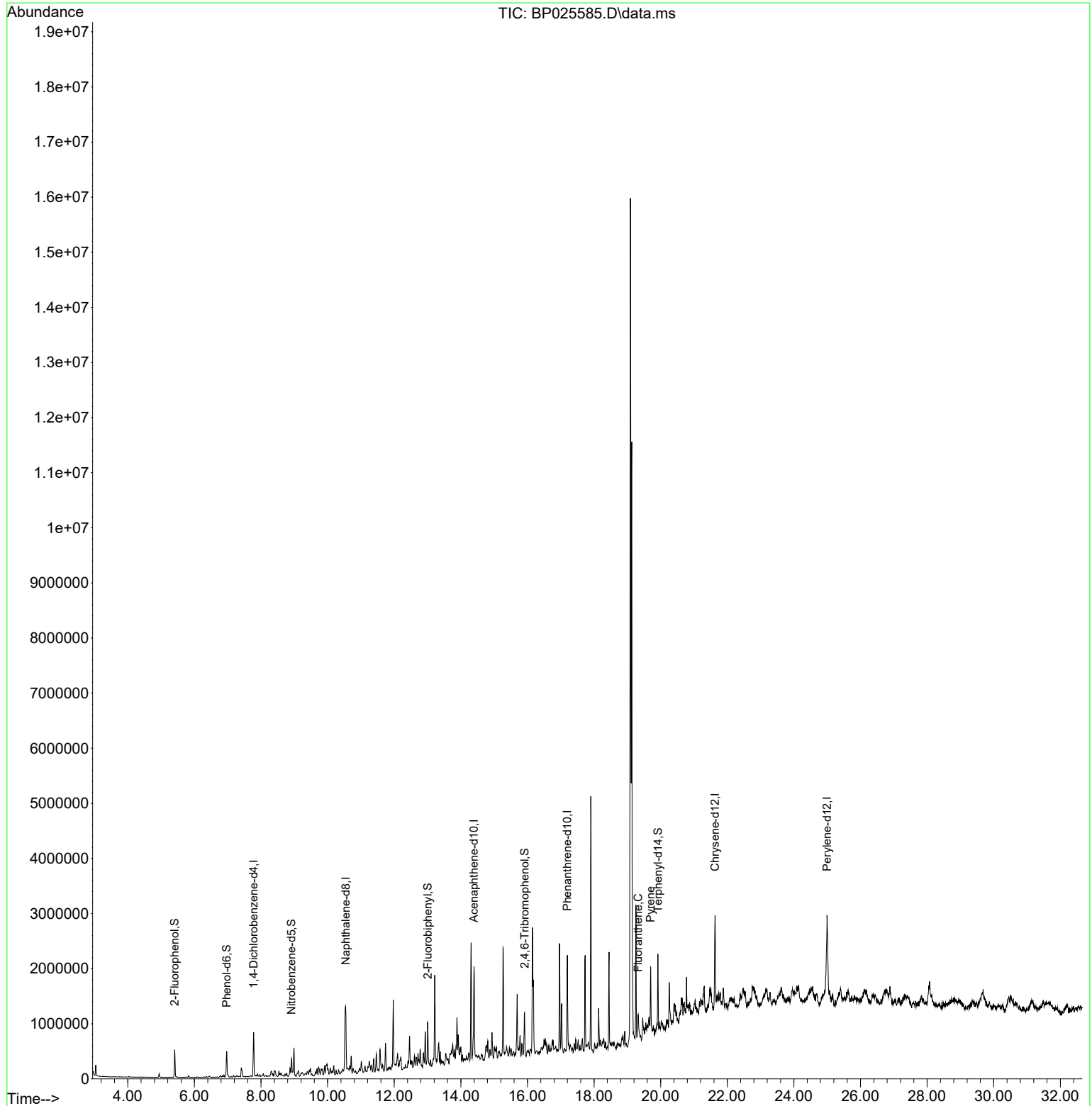
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	222499	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	884625	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	546391	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	1066429	20.000	ng	# 0.00
76) Chrysene-d12	21.630	240	1114838	20.000	ng	-0.02
86) Perylene-d12	24.995	264	1301194	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	224756	16.775	ng	0.00
7) Phenol-d6	6.966	99	291456	16.968	ng	0.00
23) Nitrobenzene-d5	8.913	82	181667	10.388	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	128320	17.448	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	423516	10.593	ng	-0.01
79) Terphenyl-d14	19.919	244	613255	10.064	ng	0.00
Target Compounds						
75) Fluoranthene	19.319	202	151168	2.163	ng	98
78) Pyrene	19.695	202	166456	2.297	ng	96

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

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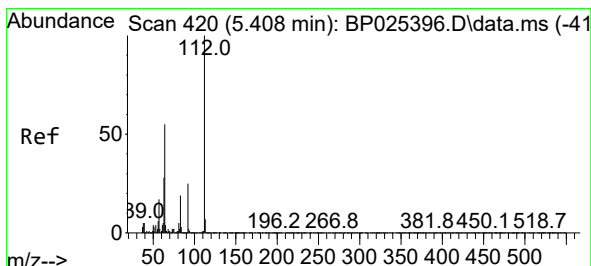
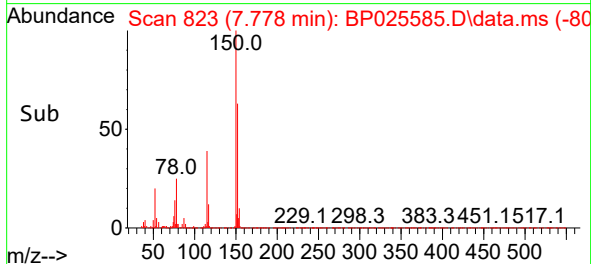
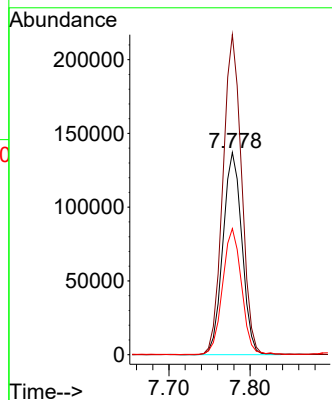
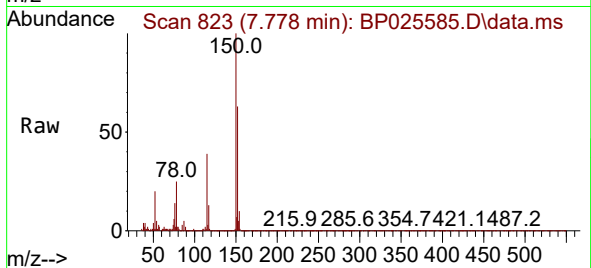




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

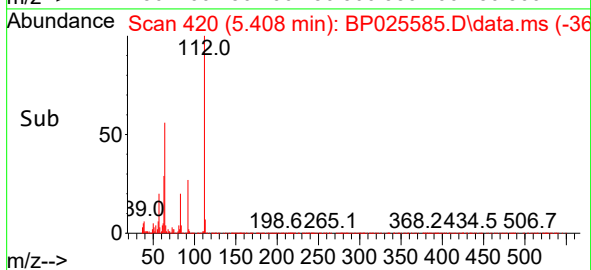
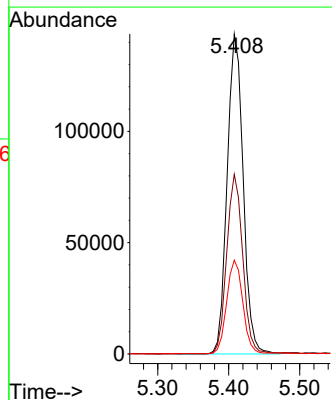
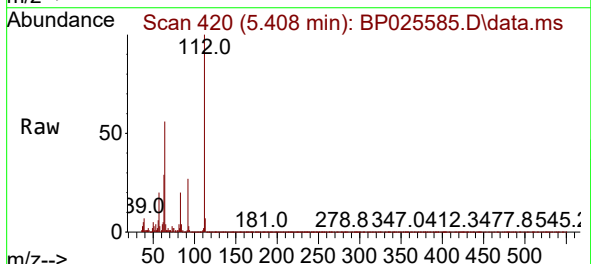
Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

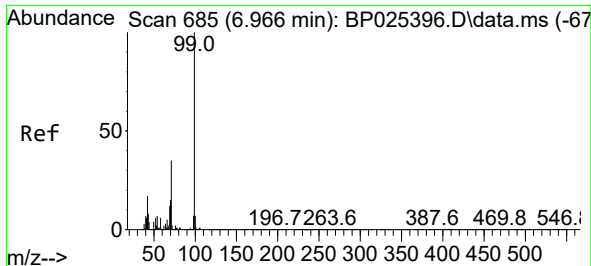
Tgt Ion:152 Resp: 222499
Ion Ratio Lower Upper
152 100
150 158.3 125.9 188.9
115 62.3 48.5 72.7



#5
2-Fluorophenol
Concen: 16.775 ng
RT: 5.408 min Scan# 420
Delta R.T. 0.000 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

Tgt Ion:112 Resp: 224756
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.3 22.7 34.1

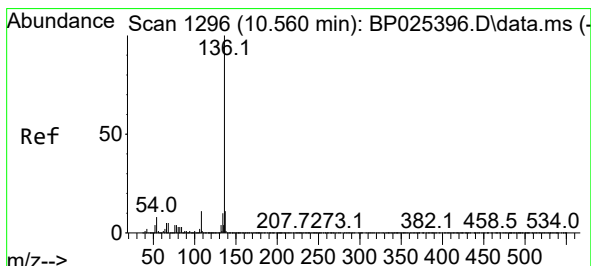
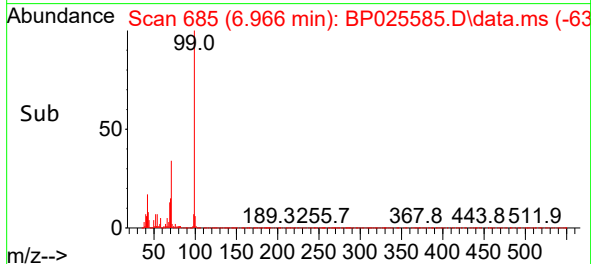
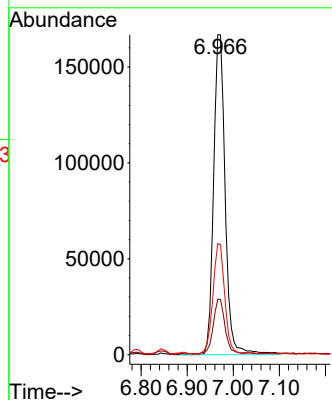
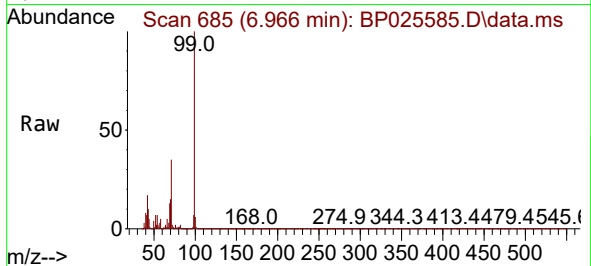




#7
Phenol-d6
Concen: 16.968 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

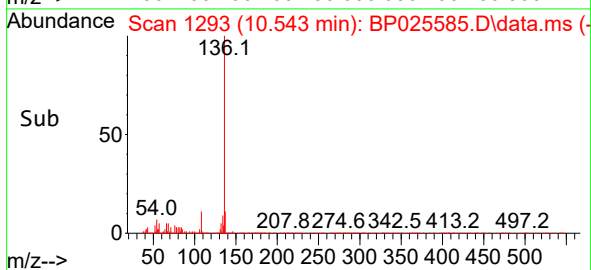
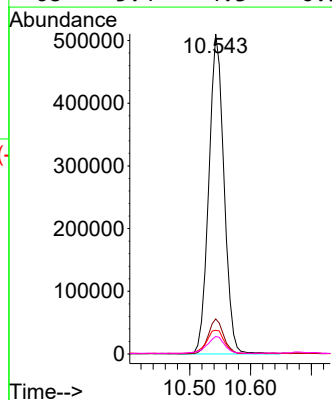
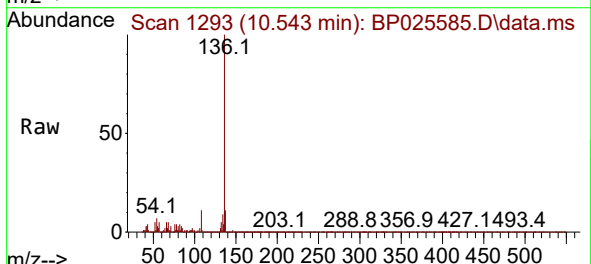
Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

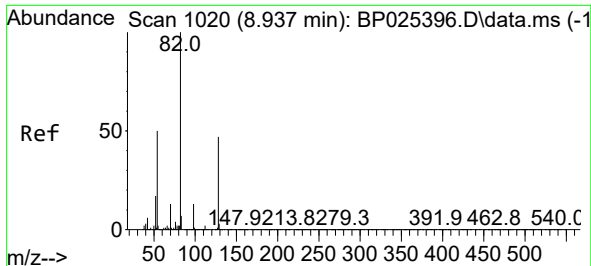
Tgt Ion:	99	Resp:	291456
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.7	20.5
71	34.7	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

Tgt Ion:	136	Resp:	884625
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.4	6.0	9.0
68	5.4	4.3	6.5

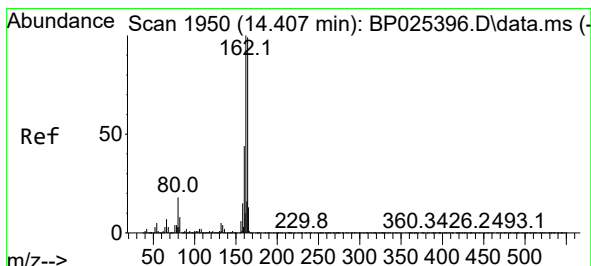
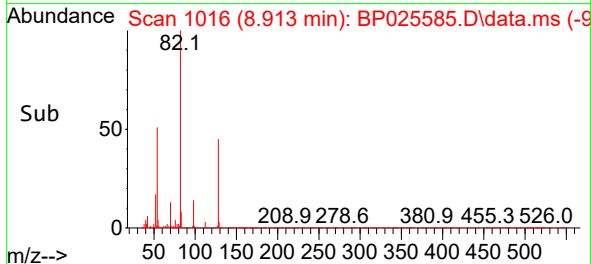
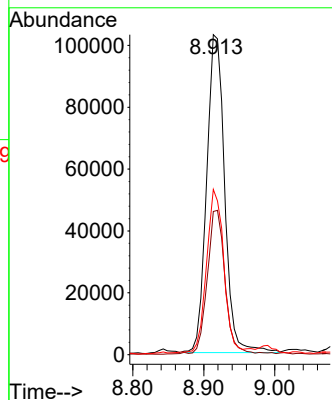
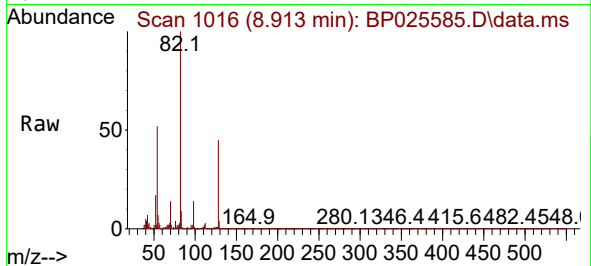




#23
Nitrobenzene-d5
Concen: 10.388 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

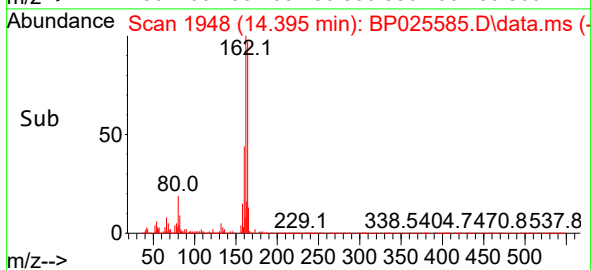
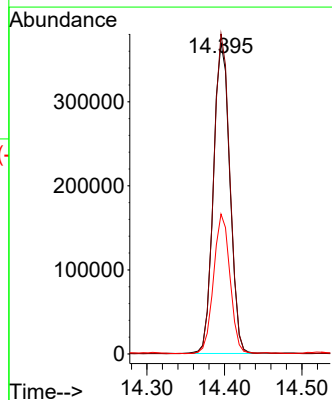
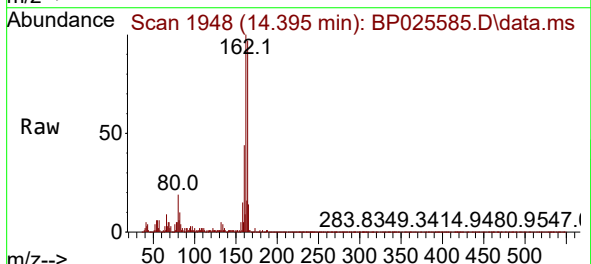
Instrument :
BNA_P
ClientSampleId :
TR-04-08212025

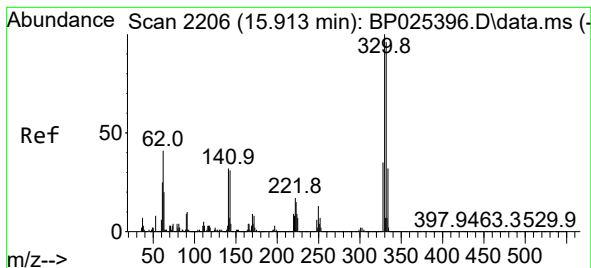
Tgt Ion: 82 Resp: 181667
Ion Ratio Lower Upper
82 100
128 44.7 37.7 56.5
54 51.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

Tgt Ion:164 Resp: 546391
Ion Ratio Lower Upper
164 100
162 102.7 81.0 121.6
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 17.448 ng

RT: 15.913 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025585.D

Acq: 26 Aug 2025 14:33

Instrument :

BNA_P

ClientSampleId :

TR-04-08212025

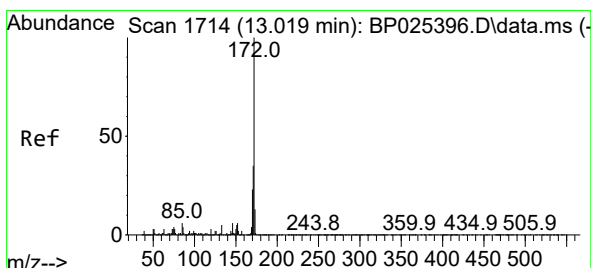
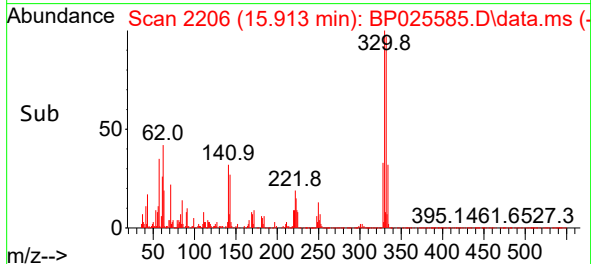
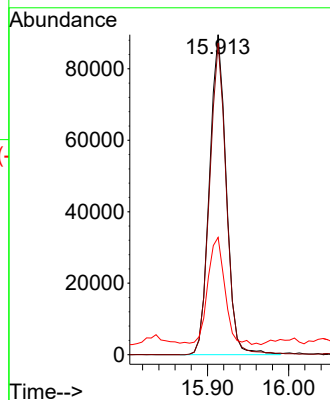
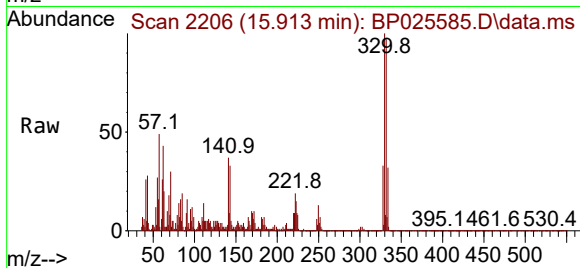
Tgt Ion:330 Resp: 128320

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 33.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 10.593 ng

RT: 13.007 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP025585.D

Acq: 26 Aug 2025 14:33

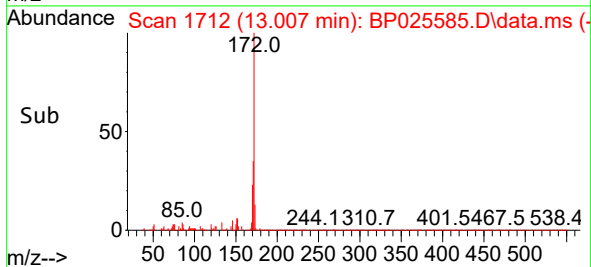
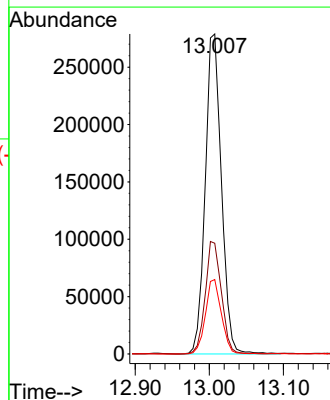
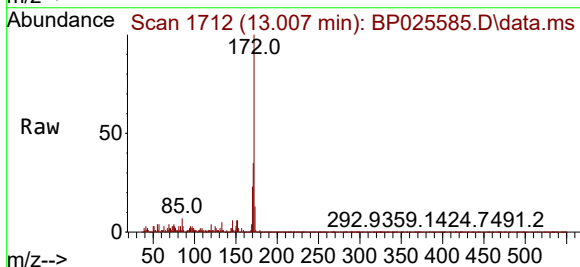
Tgt Ion:172 Resp: 423516

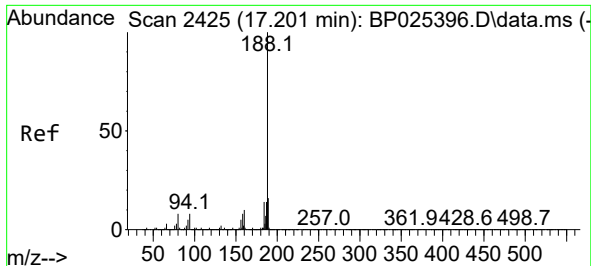
Ion Ratio Lower Upper

172 100

171 34.6 28.1 42.1

170 23.2 18.6 28.0

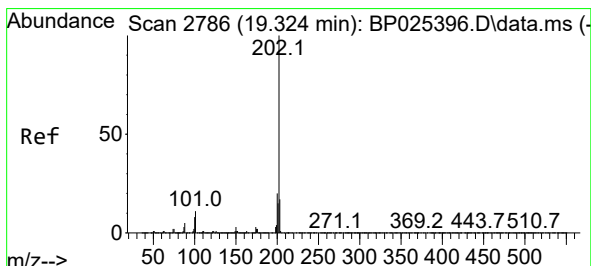
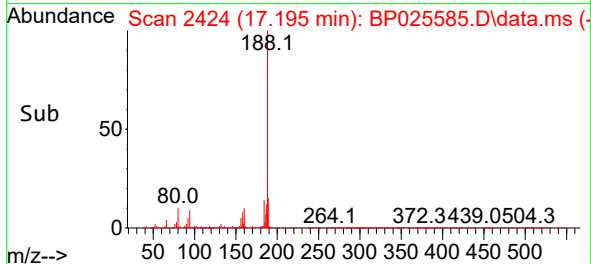
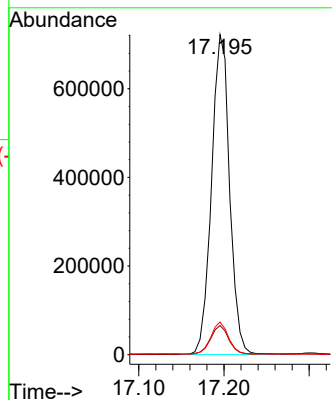
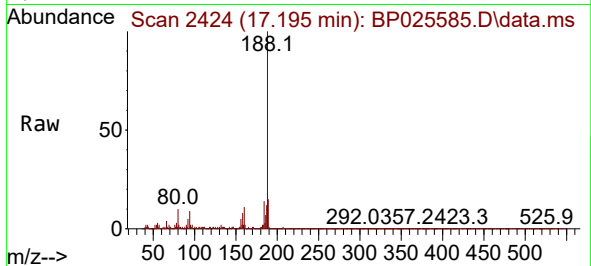




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

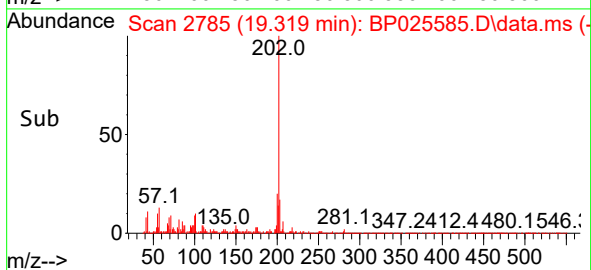
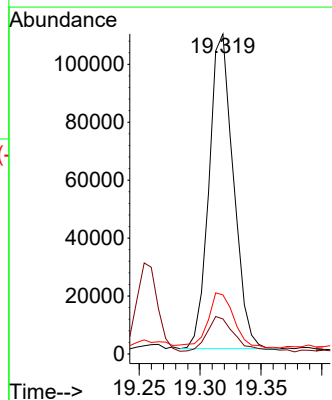
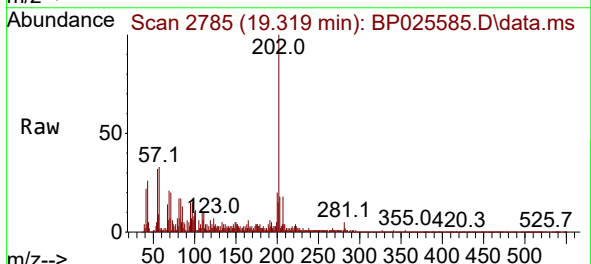
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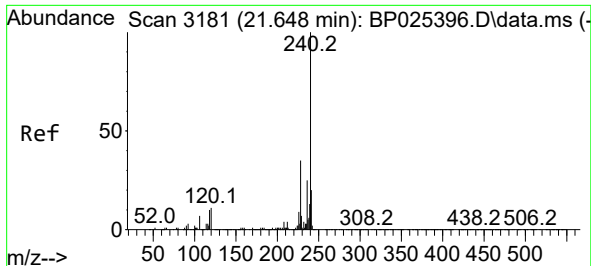
Tgt Ion:188 Resp: 1066429
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 10.2 6.7 10.1#



#75
Fluoranthene
Concen: 2.163 ng
RT: 19.319 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

Tgt Ion:202 Resp: 151168
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.1
203 18.5 0.0 37.3

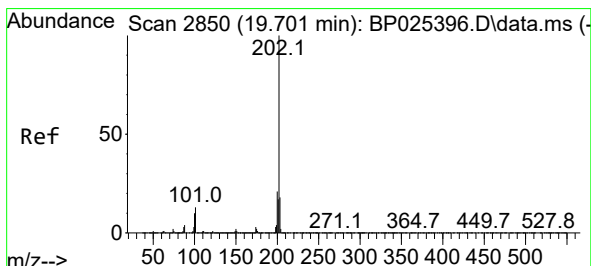
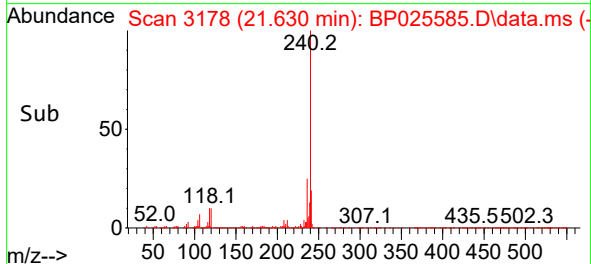
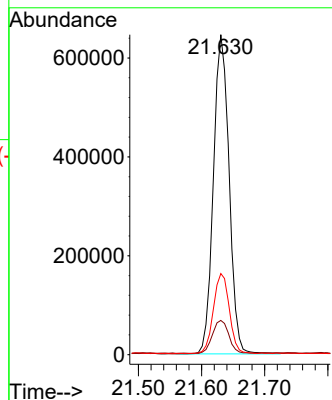
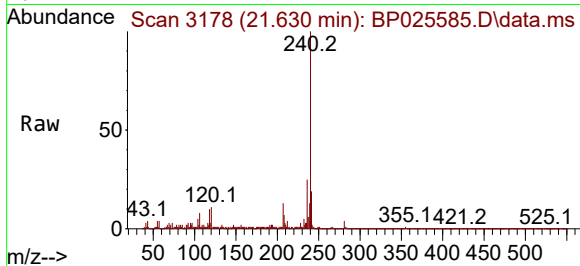




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

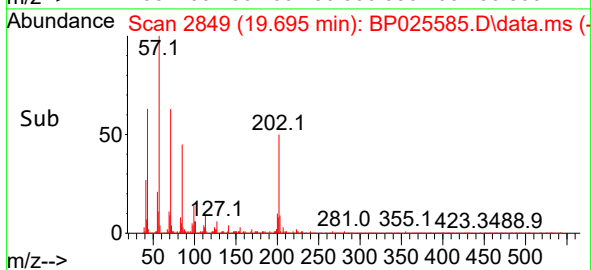
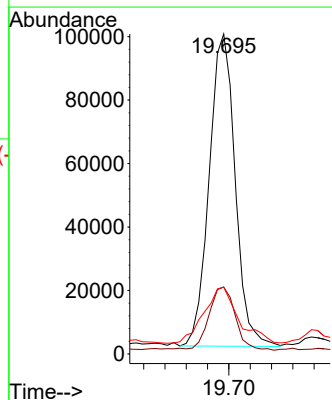
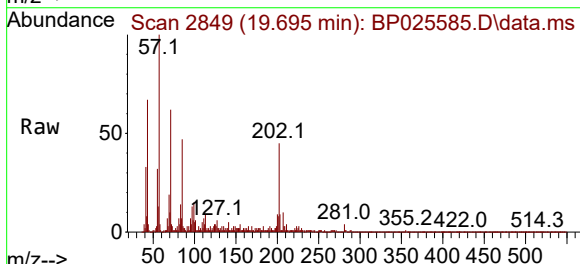
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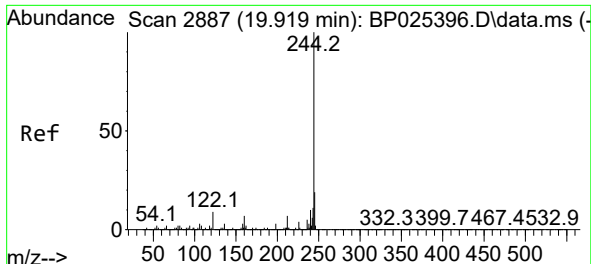
Tgt Ion:240 Resp: 1114838
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.4 19.8 29.8



#78
Pyrene
Concen: 2.297 ng
RT: 19.695 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP025585.D
Acq: 26 Aug 2025 14:33

Tgt Ion:202 Resp: 166456
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 20.9 14.2 21.2

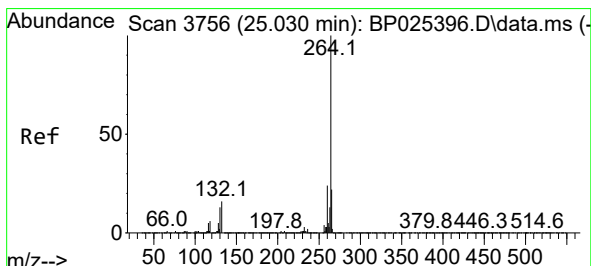
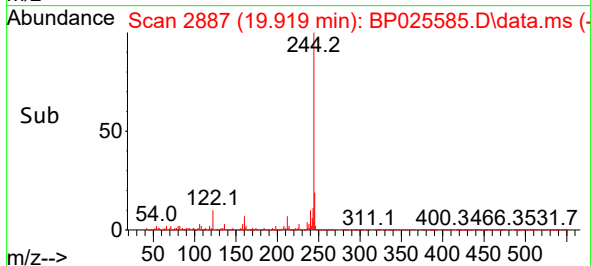
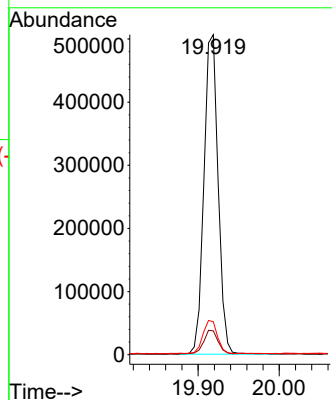
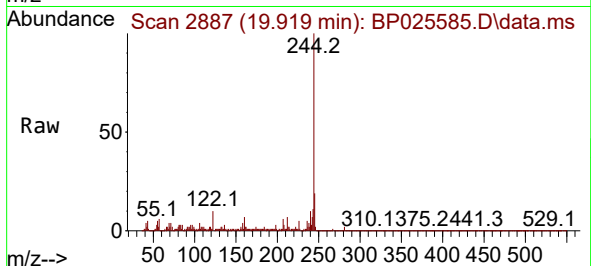




#79
 Terphenyl-d14
 Concen: 10.064 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025585.D
 Acq: 26 Aug 2025 14:33

Instrument :
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 ClientSampleId :
 TR-04-08212025

Tgt Ion:244 Resp: 613255
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.6
 122 10.3 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.995 min Scan# 3750
 Delta R.T. -0.035 min
 Lab File: BP025585.D
 Acq: 26 Aug 2025 14:33

Tgt Ion:264 Resp: 1301194
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.7 17.4 26.0

