

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025797.D
 Acq On : 19 Sep 2025 13:43
 Operator : CG/JU
 Sample : Q3083-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW3S

Quant Time: Sep 19 14:04:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

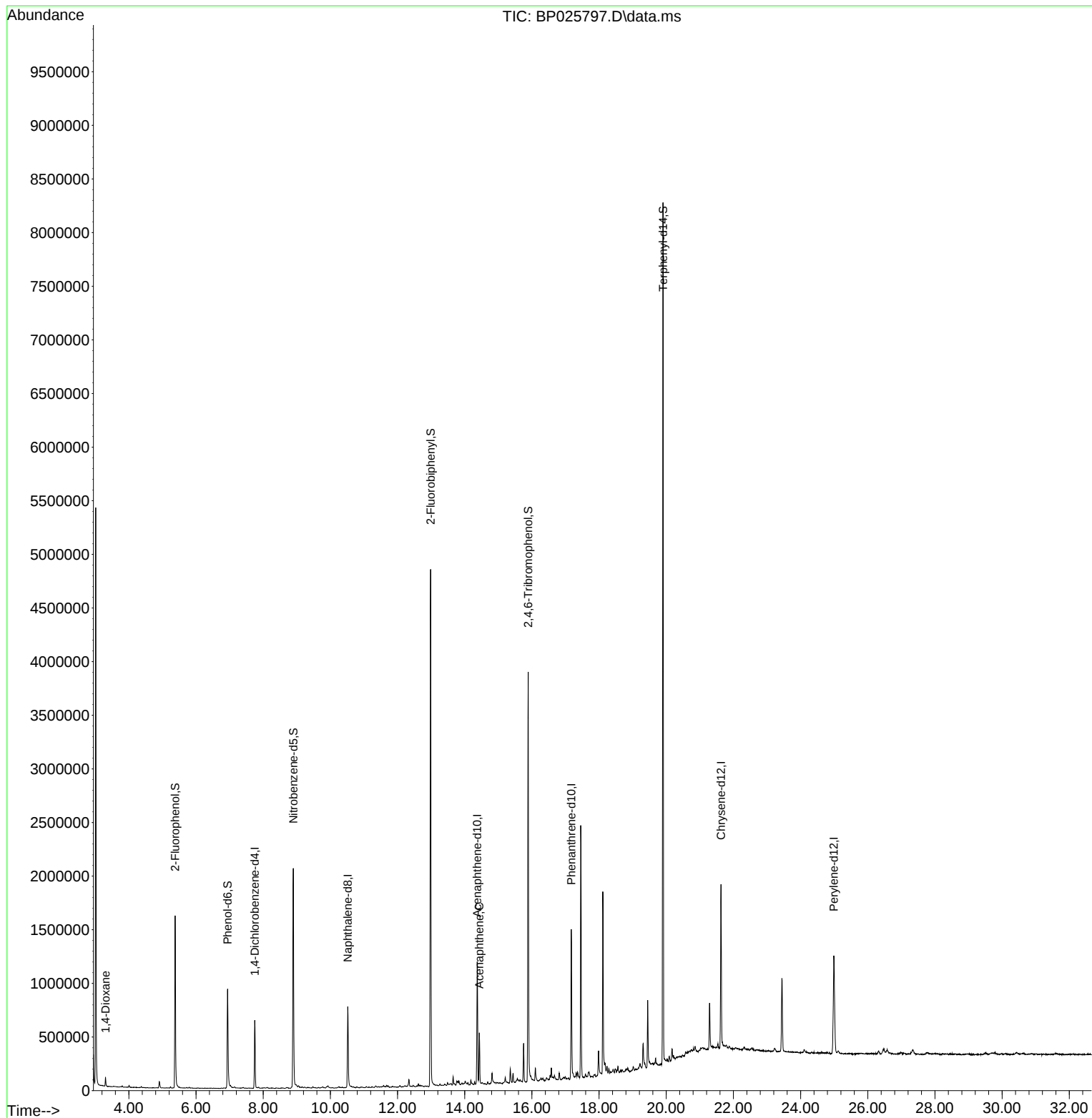
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	169135	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	657250	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	437837	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	872207	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	884935	20.000	ng	-0.01
86) Perylene-d12	24.989	264	933835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	720817	68.766	ng	0.00
7) Phenol-d6	6.943	99	629553	45.185	ng	0.00
23) Nitrobenzene-d5	8.896	82	1247975	83.757	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	686510	125.708	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2680828	81.527	ng	0.00
79) Terphenyl-d14	19.901	244	3985084	81.013	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.308	88	37284	8.475	ng	Qvalue # 82
52) Acenaphthene	14.437	154	167497	6.927	ng	99

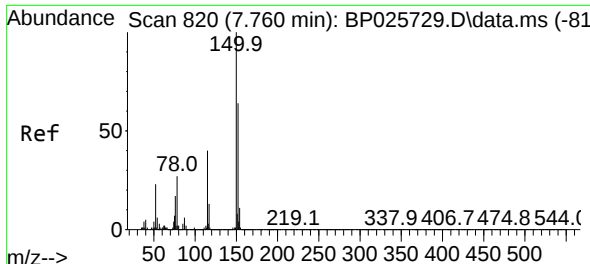
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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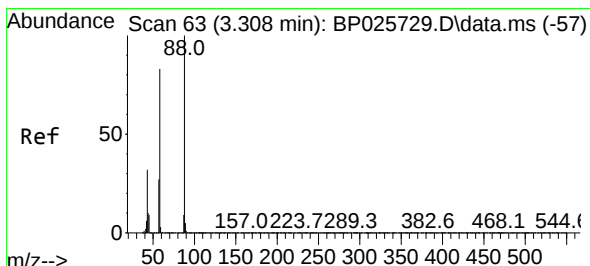
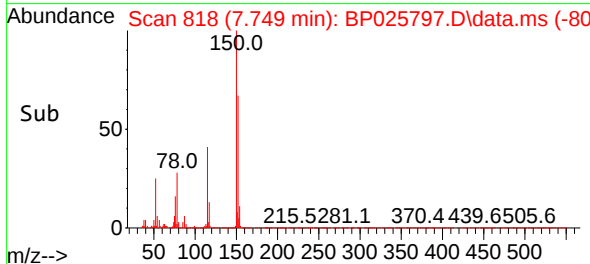
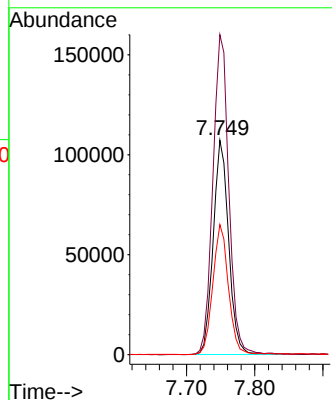
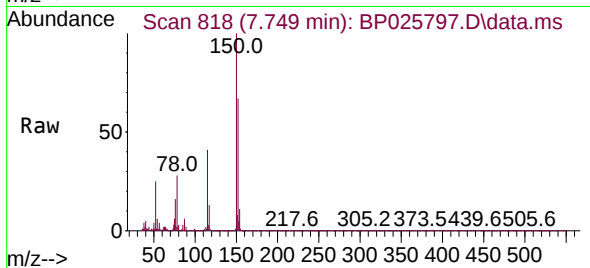




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.749 min Scan# 81
 Delta R.T. -0.011 min
 Lab File: BP025797.D
 Acq: 19 Sep 2025 13:43

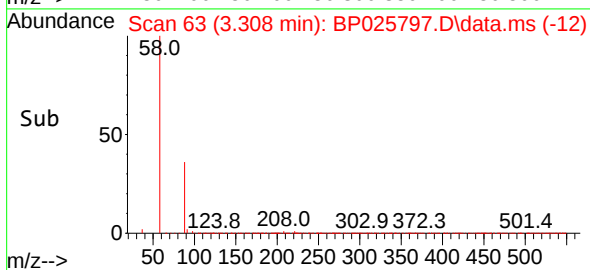
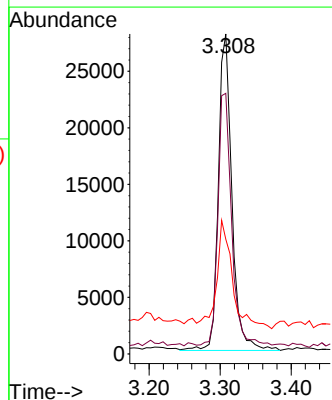
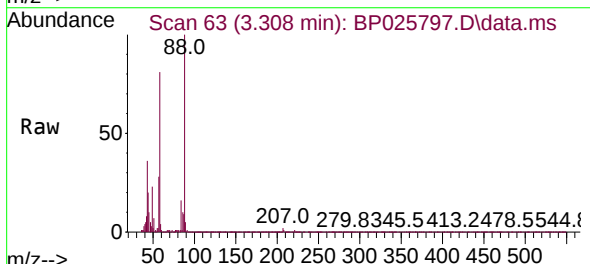
Instrument :
 BNA_P
 ClientSampleId :
 MW3S

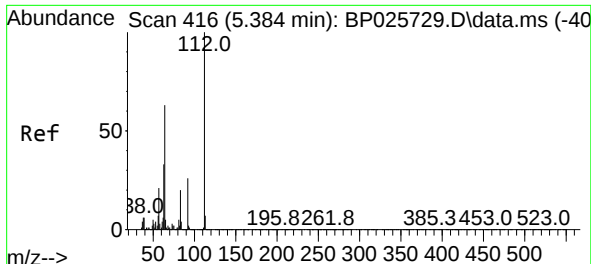
Tgt Ion:152 Resp: 169135
 Ion Ratio Lower Upper
 152 100
 150 149.3 124.3 186.5
 115 60.7 50.3 75.5



#2
 1,4-Dioxane
 Concen: 8.475 ng
 RT: 3.308 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: BP025797.D
 Acq: 19 Sep 2025 13:43

Tgt Ion: 88 Resp: 37284
 Ion Ratio Lower Upper
 88 100
 58 79.6 65.5 98.3
 43 0.0 25.2 37.8

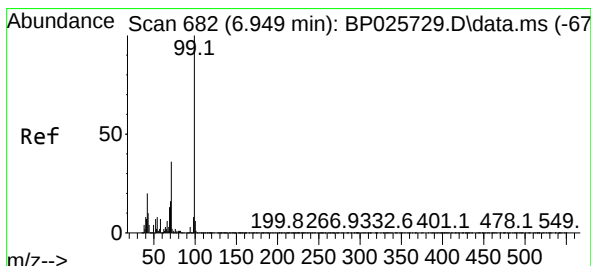
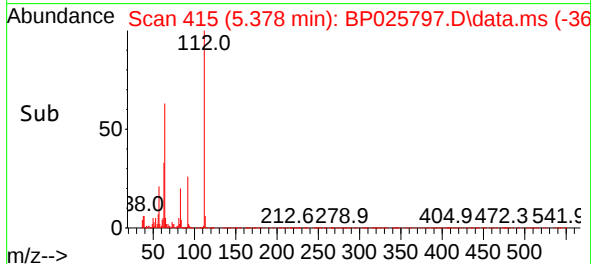
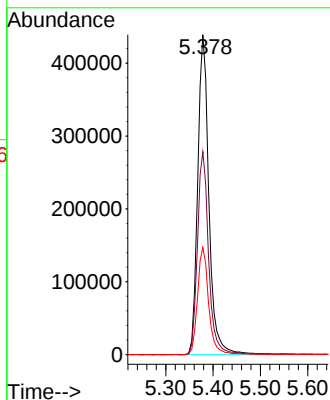
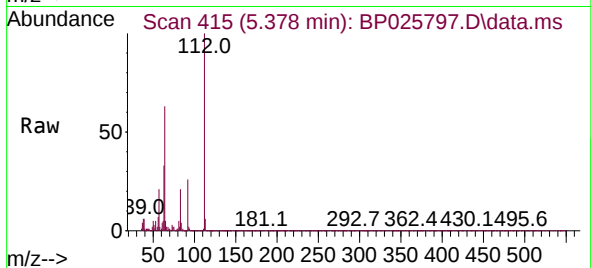




#5
2-Fluorophenol
Concen: 68.766 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

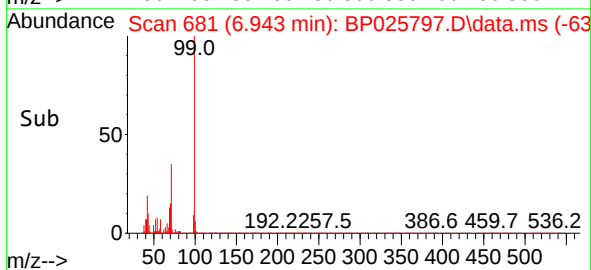
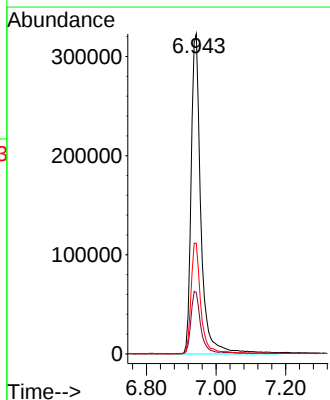
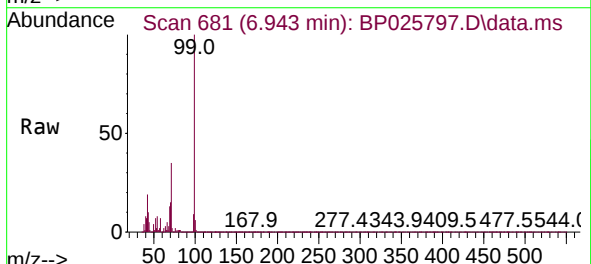
Instrument :
BNA_P
ClientSampleId :
MW3S

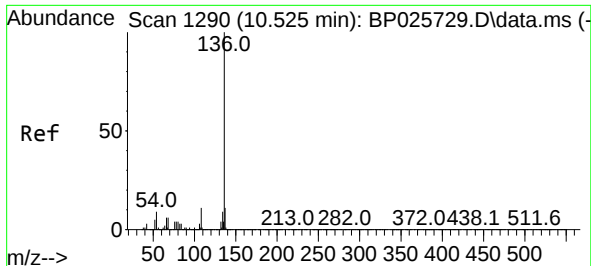
Tgt Ion:112 Resp: 720817
Ion Ratio Lower Upper
112 100
64 63.4 50.2 75.4
63 33.5 26.7 40.1



#7
Phenol-d6
Concen: 45.185 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 99 Resp: 629553
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 34.6 28.6 43.0

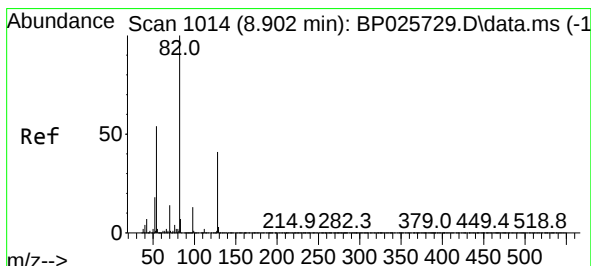
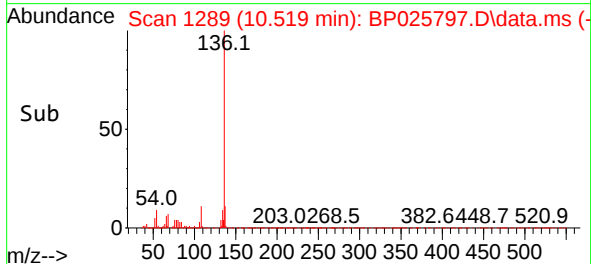
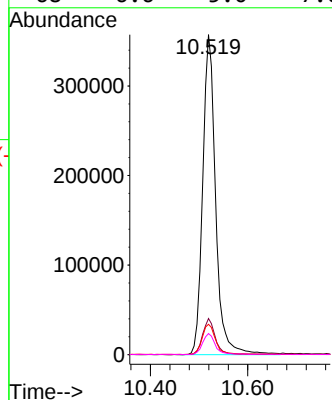
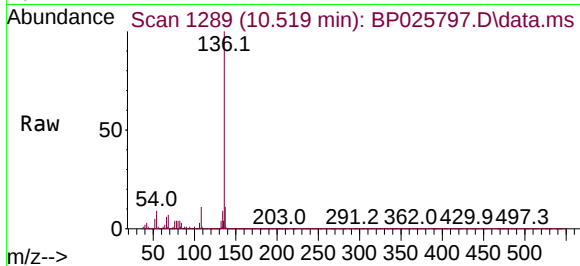




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

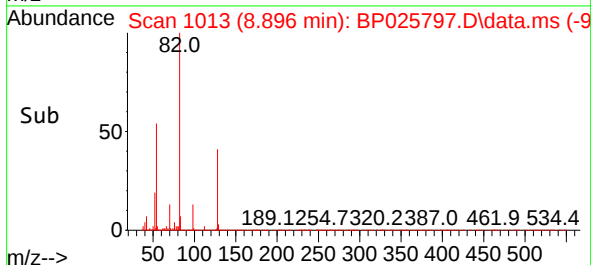
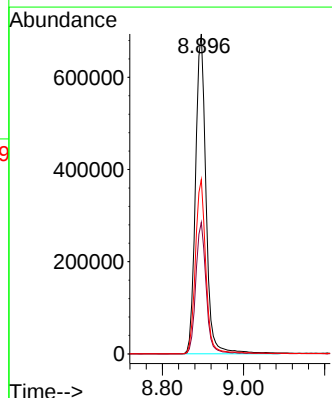
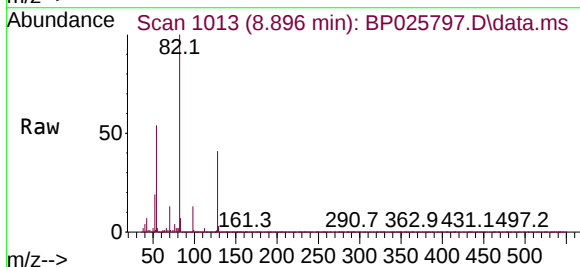
Instrument :
BNA_P
ClientSampleId :
MW3S

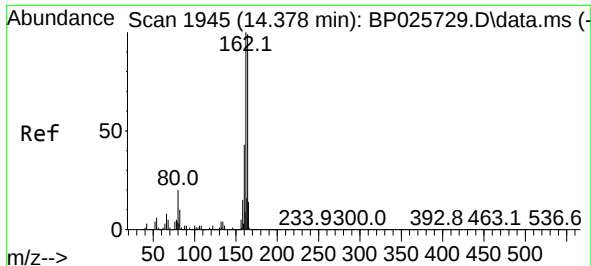
Tgt Ion:	136	Resp:	657250
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	9.5	7.5	11.3
68	6.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 83.757 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:	82	Resp:	1247975
Ion Ratio	Lower	Upper	
82	100		
128	41.1	32.9	49.3
54	54.5	43.4	65.2

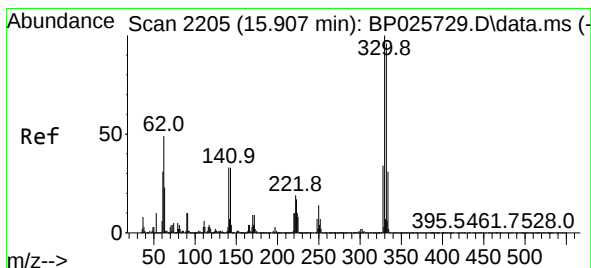
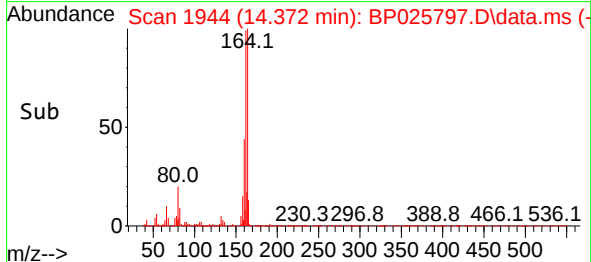
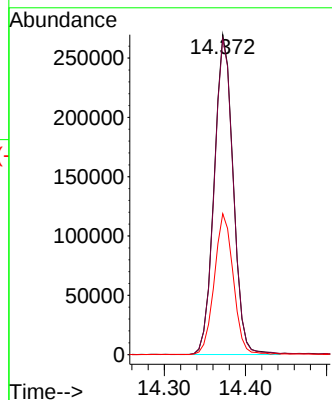
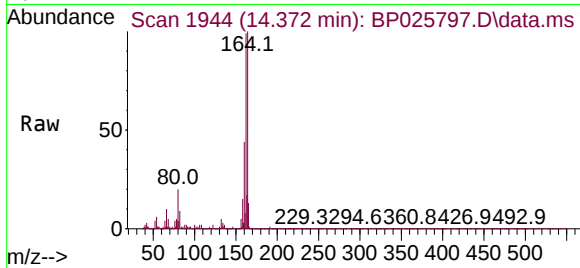




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

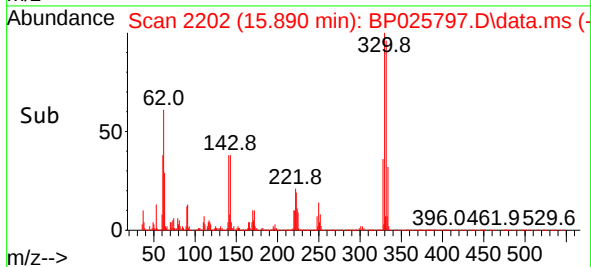
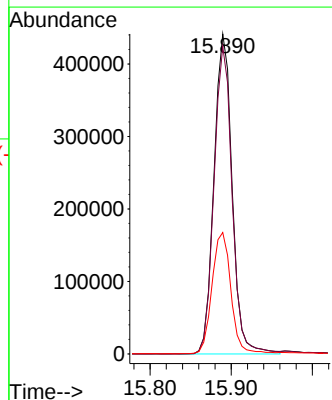
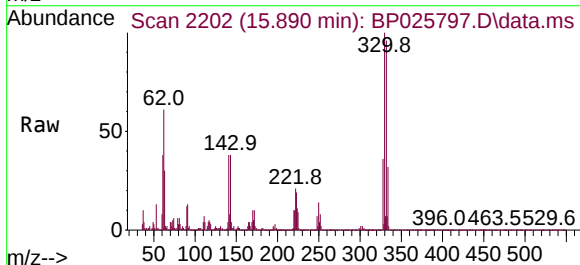
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ClientSampleId :
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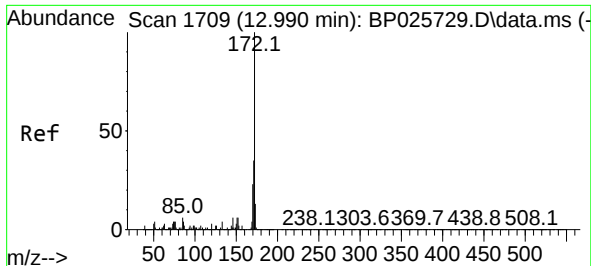
Tgt Ion:164 Resp: 437837
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.0 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 125.708 ng
RT: 15.890 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:330 Resp: 686510
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 39.4 31.0 46.4

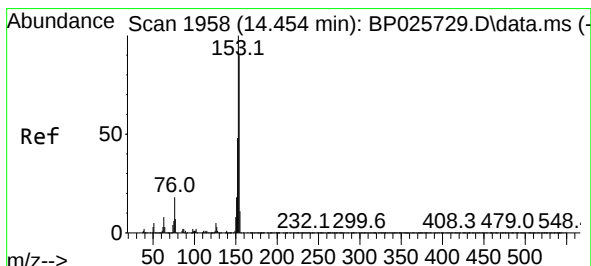
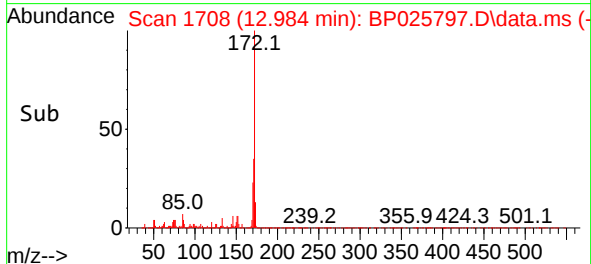
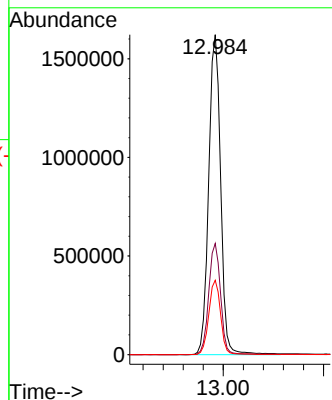
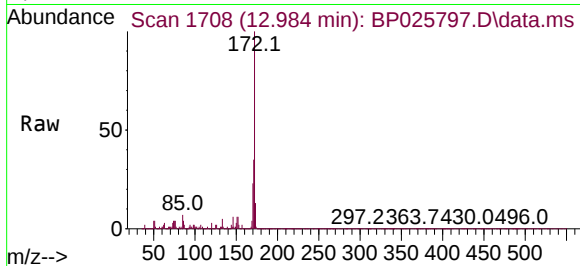




#45
2-Fluorobiphenyl
Concen: 81.527 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

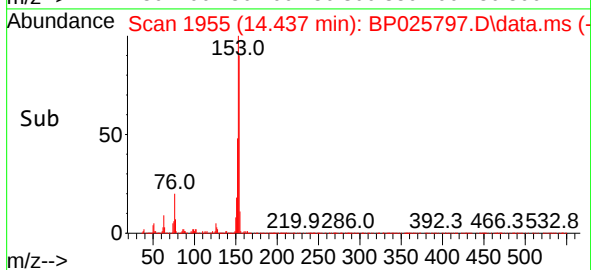
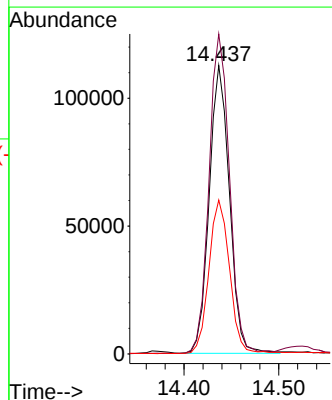
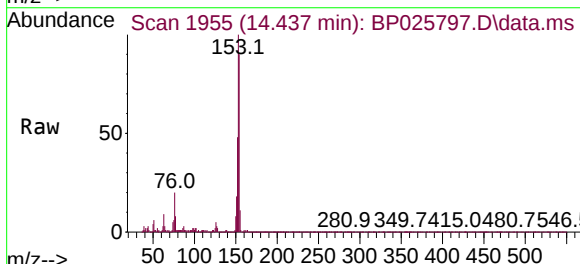
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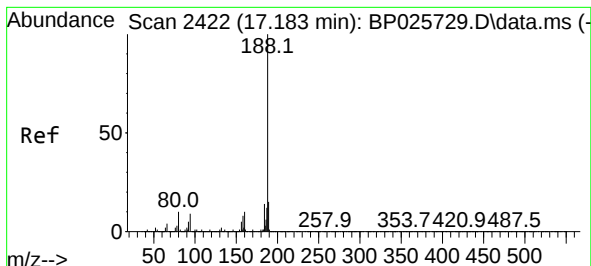
Tgt Ion:172 Resp: 2680828
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 27.8



#52
Acenaphthene
Concen: 6.927 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:154 Resp: 167497
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 53.3 42.5 63.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

MW3S

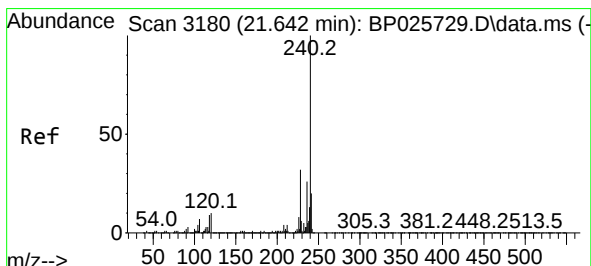
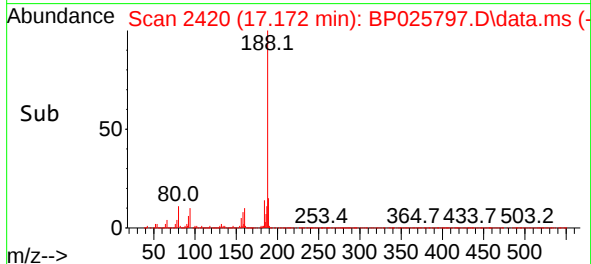
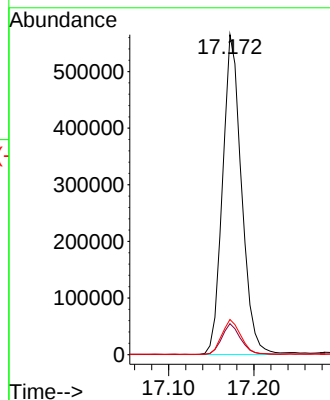
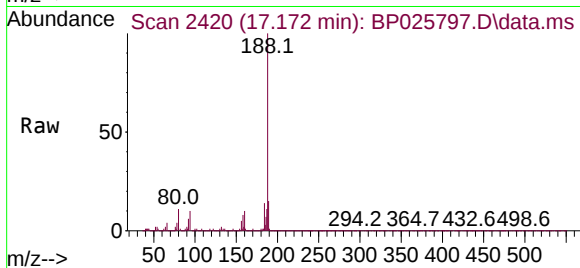
Tgt Ion:188 Resp: 872207

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 11.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

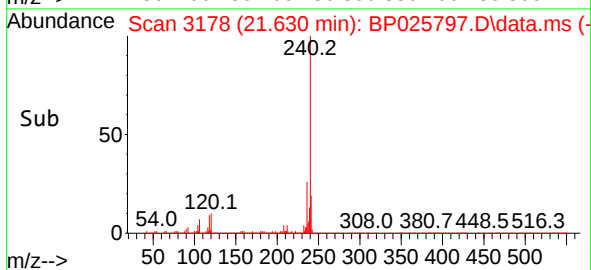
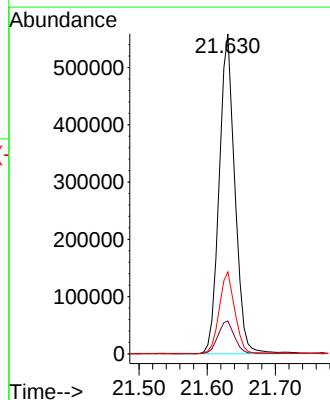
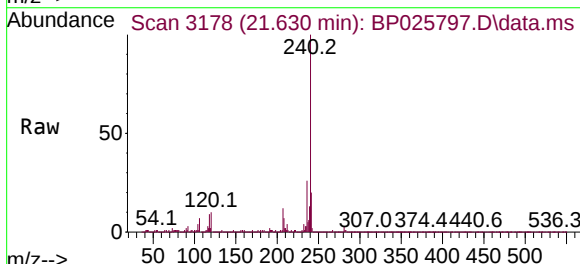
Tgt Ion:240 Resp: 884935

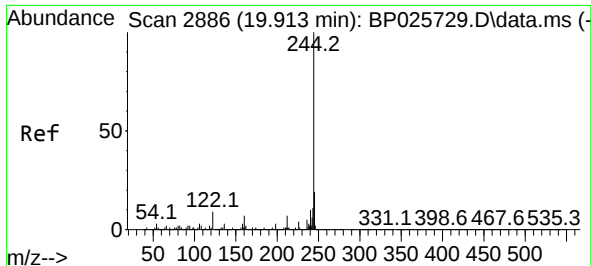
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.6 20.7 31.1

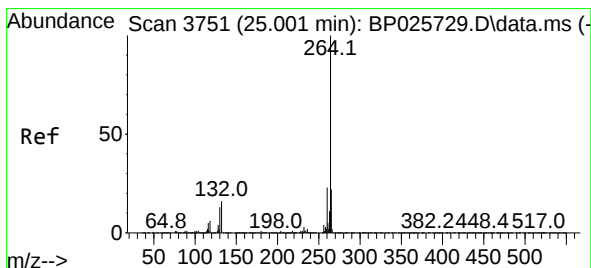
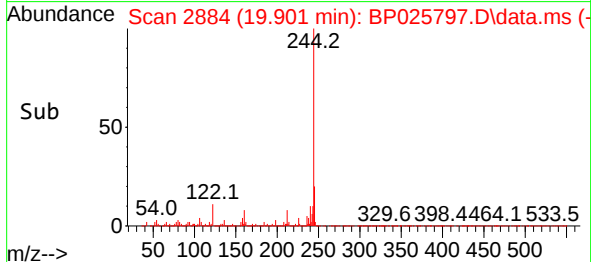
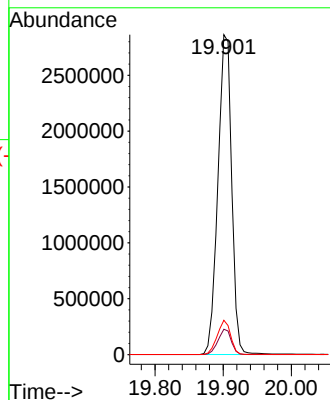
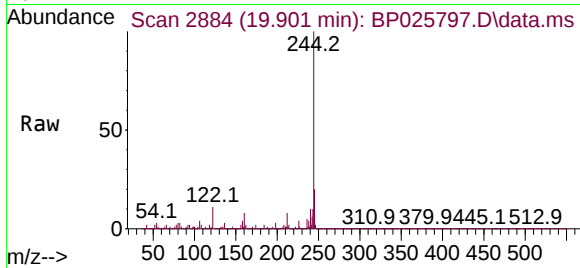




#79
 Terphenyl-d14
 Concen: 81.013 ng
 RT: 19.901 min Scan# 2884
 Delta R.T. -0.012 min
 Lab File: BP025797.D
 Acq: 19 Sep 2025 13:43

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3985084
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 10.7 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.989 min Scan# 3749
 Delta R.T. -0.012 min
 Lab File: BP025797.D
 Acq: 19 Sep 2025 13:43

Tgt Ion:264 Resp: 933835
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.1 17.3 25.9

