

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025604.D
 Acq On : 27 Aug 2025 15:41
 Operator : CG/JU
 Sample : Q2936-02DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-19B-082125DL

Quant Time: Aug 27 16:02:59 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)

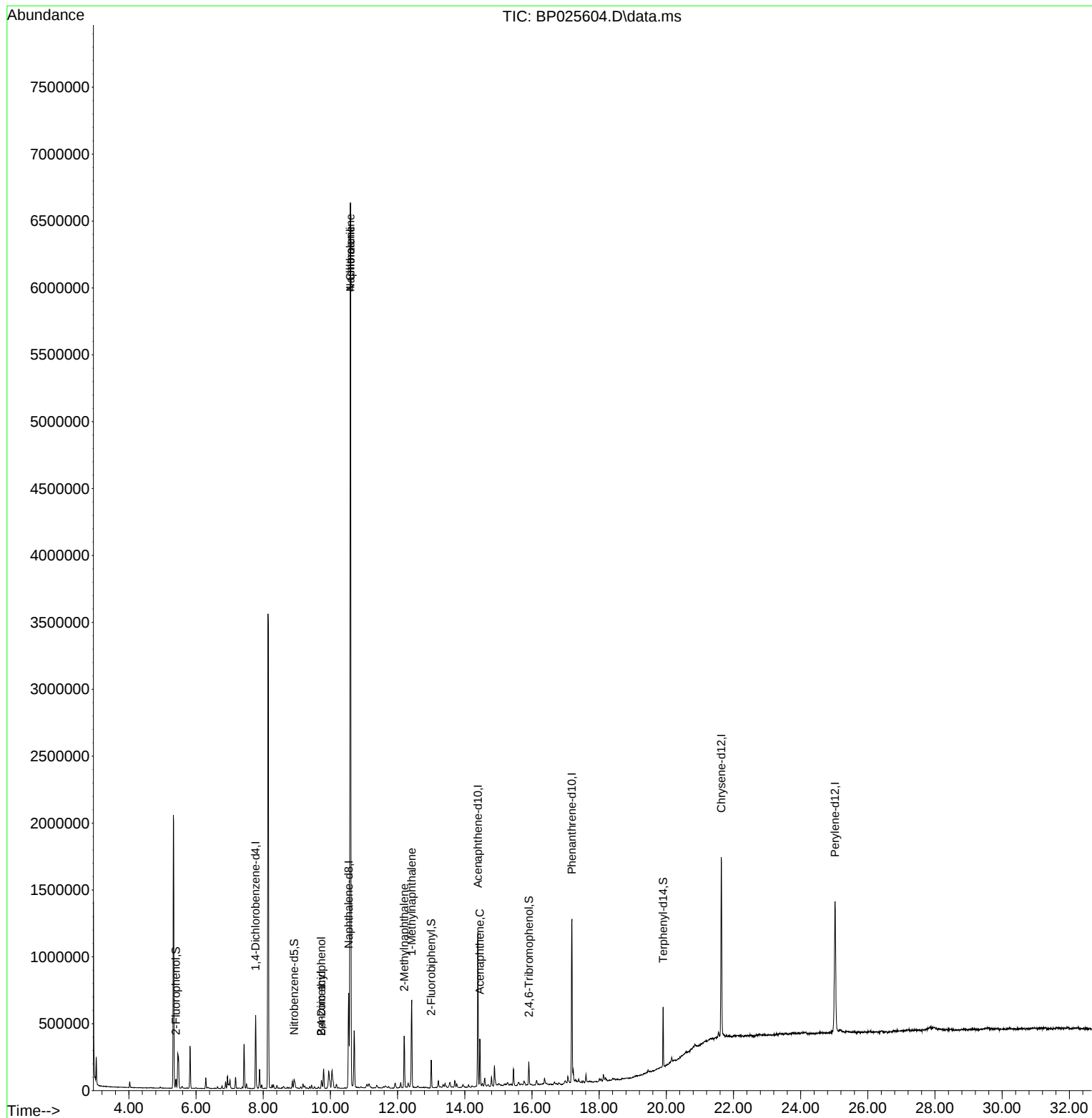
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	151725	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	613134	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	392479	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	797526	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	898906	20.000	ng	-0.01
86) Perylene-d12	25.024	264	1044774	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	31061	3.400	ng	0.00
7) Phenol-d6	6.966	99	22977	1.962	ng	0.00
23) Nitrobenzene-d5	8.919	82	42994	3.547	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	33533	6.348	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	112477	3.917	ng	-0.02
79) Terphenyl-d14	19.907	244	200178	4.074	ng	-0.01
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	9.731	122	23444	2.452	ng	95
31) Naphthalene	10.596	128	5863129	183.982	ng	100
32) Benzoic acid	9.731	122	23444	3.322	ng	# 18
33) 4-Chloroaniline	10.596	127	778632	55.313	ng	# 35
37) 2-Methylnaphthalene	12.195	142	188858	9.107	ng	100
38) 1-Methylnaphthalene	12.419	142	320842	14.547	ng	97
52) Acenaphthene	14.448	154	136537	6.335	ng	99

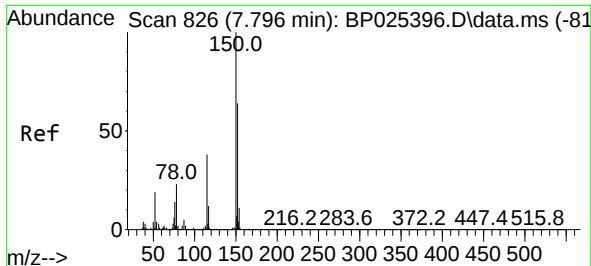
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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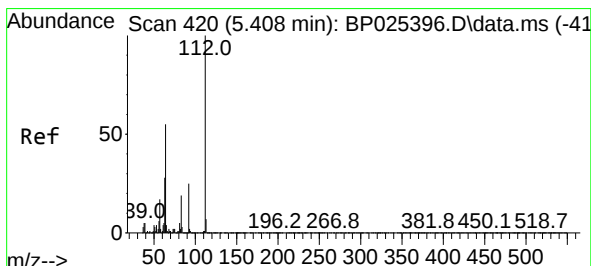
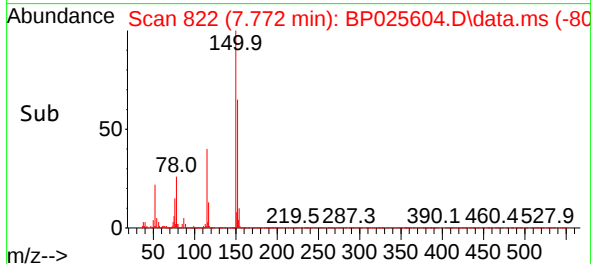
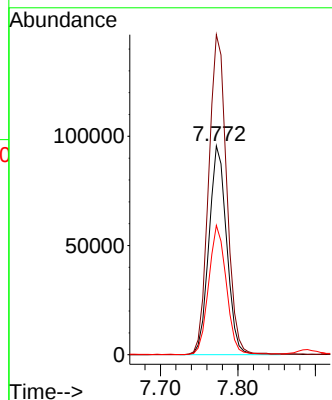
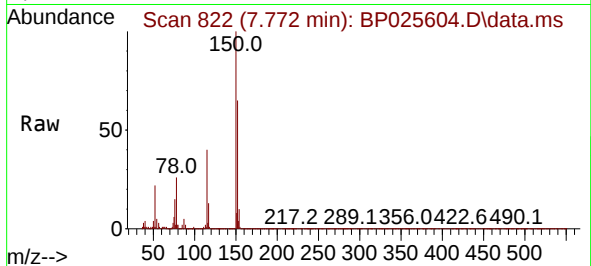




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.772 min Scan# 81
Delta R.T. -0.024 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

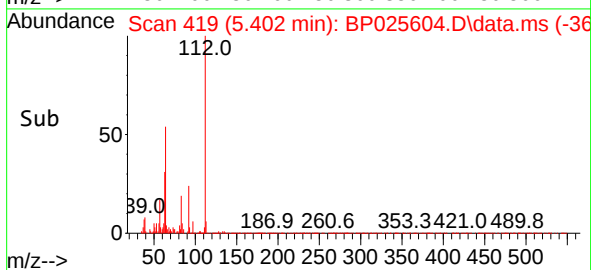
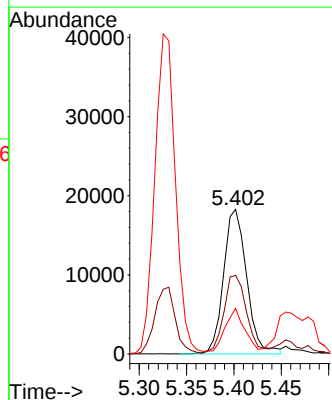
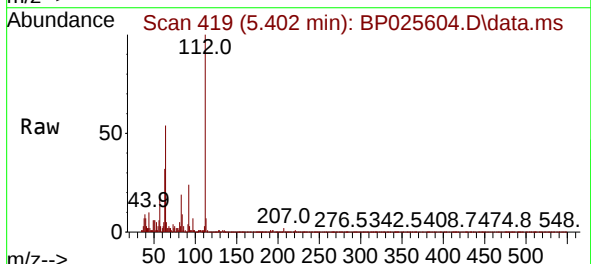
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

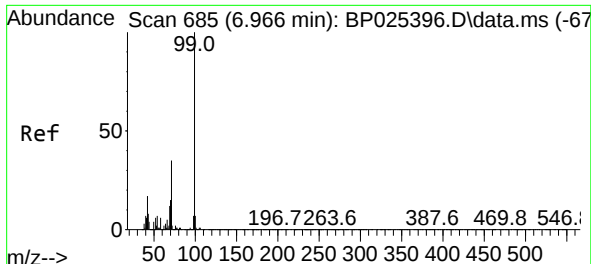
Tgt Ion:152 Resp: 151725
Ion Ratio Lower Upper
152 100
150 153.2 125.9 188.9
115 61.9 48.5 72.7



#5
2-Fluorophenol
Concen: 3.400 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:112 Resp: 31061
Ion Ratio Lower Upper
112 100
64 54.3 43.8 65.8
63 31.5 22.7 34.1

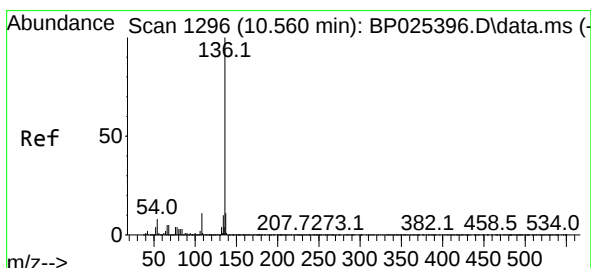
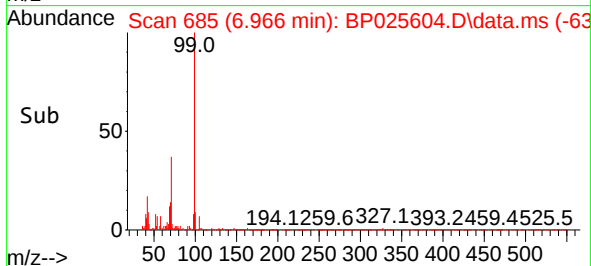
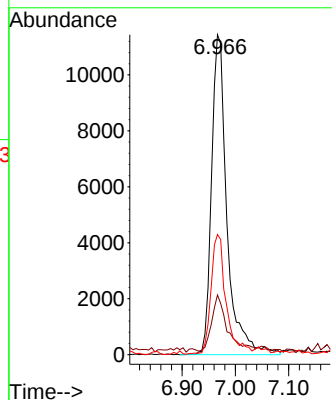
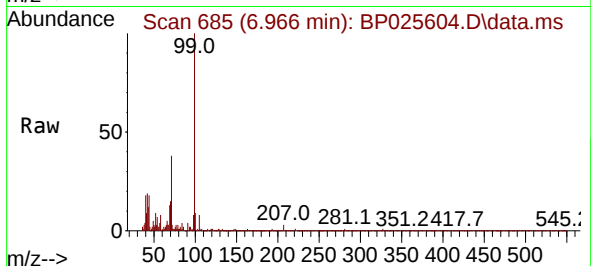




#7
Phenol-d6
Concen: 1.962 ng
RT: 6.966 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

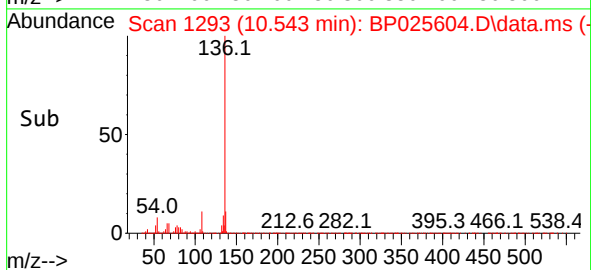
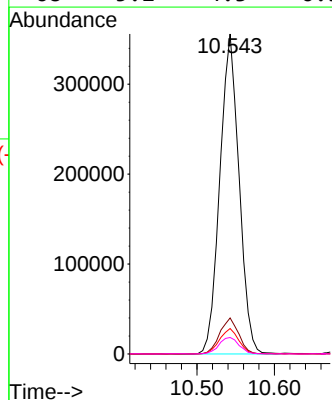
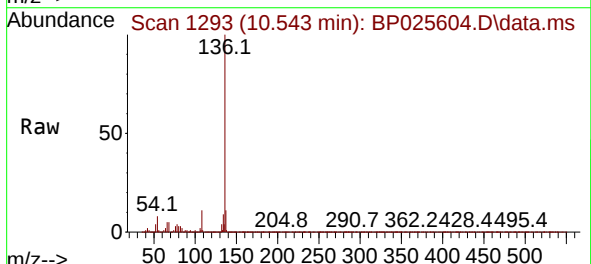
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

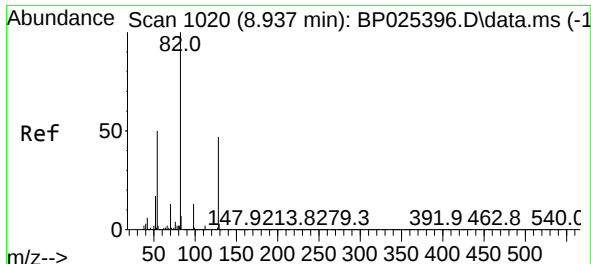
Tgt Ion:	99	Resp:	22977
Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.7	20.5
71	37.6	28.2	42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:	136	Resp:	613134
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	6.0	9.0
68	5.2	4.3	6.5

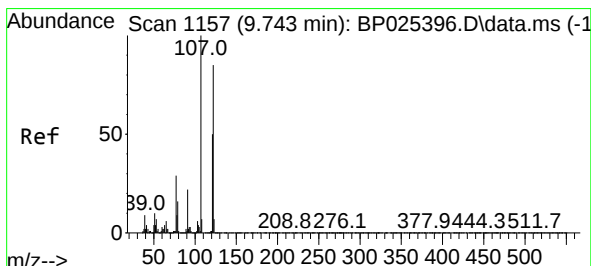
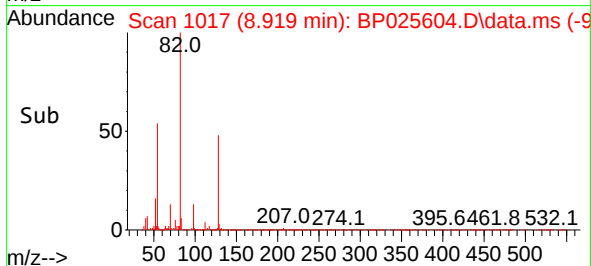
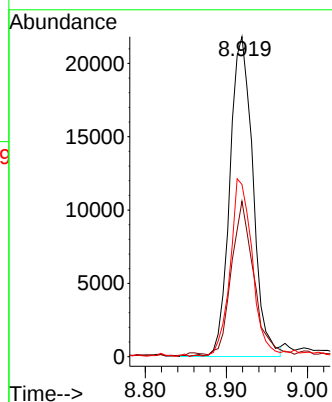
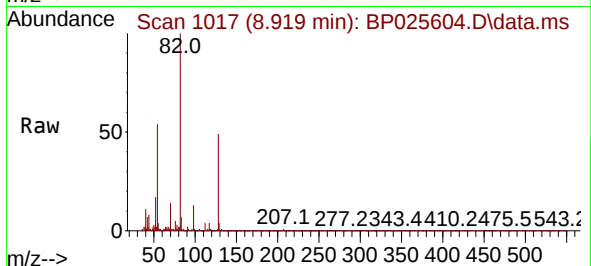




#23
Nitrobenzene-d5
Concen: 3.547 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

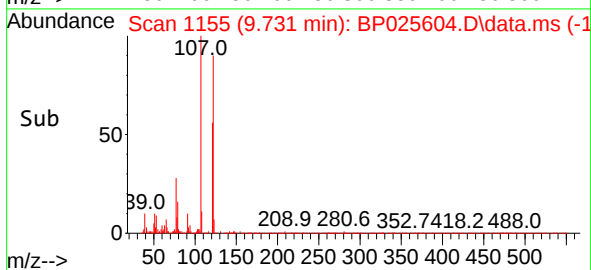
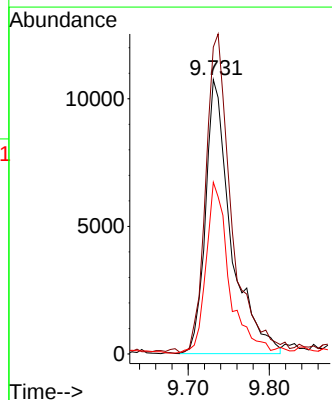
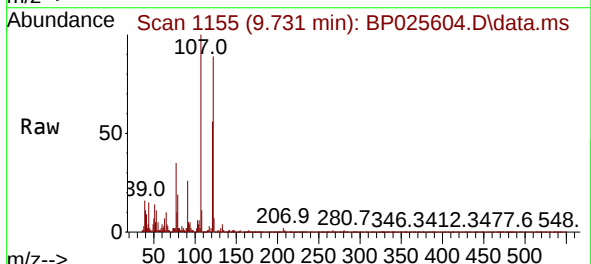
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

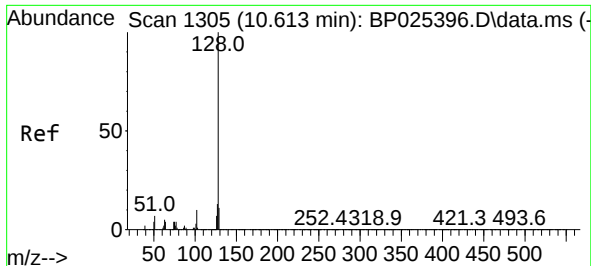
Tgt Ion: 82 Resp: 42994
Ion Ratio Lower Upper
82 100
128 48.6 37.7 56.5
54 53.8 39.8 59.6



#27
2,4-Dimethylphenol
Concen: 2.452 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion: 122 Resp: 23444
Ion Ratio Lower Upper
122 100
107 111.9 93.7 140.5
121 62.6 46.6 69.8

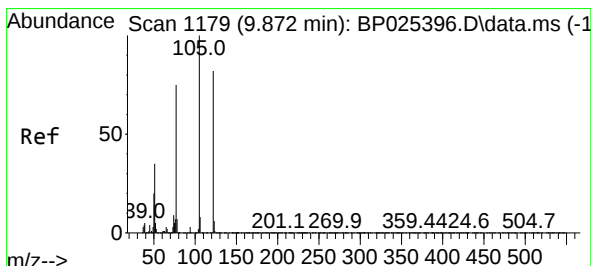
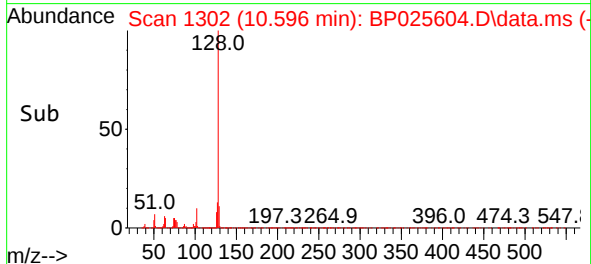
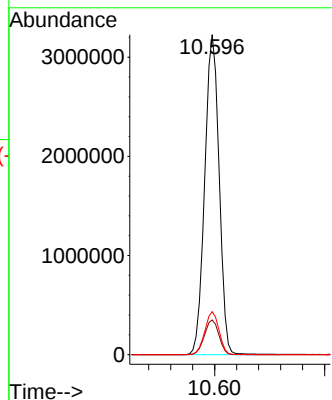
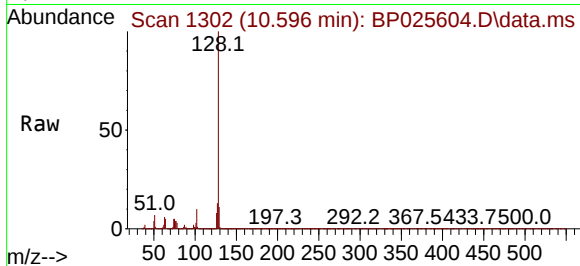




#31
Naphthalene
Concen: 183.982 ng
RT: 10.596 min Scan# 1155
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

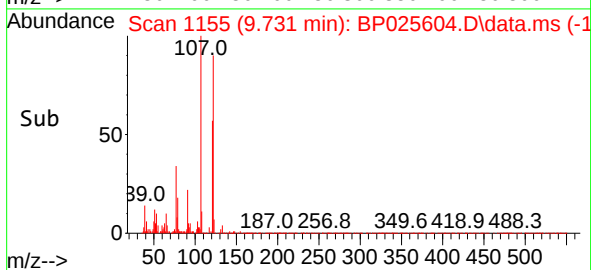
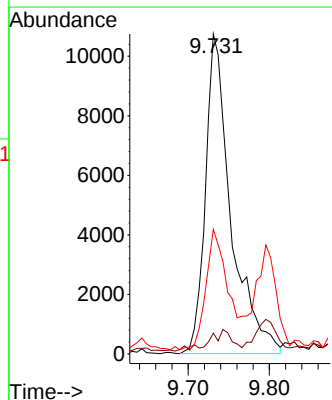
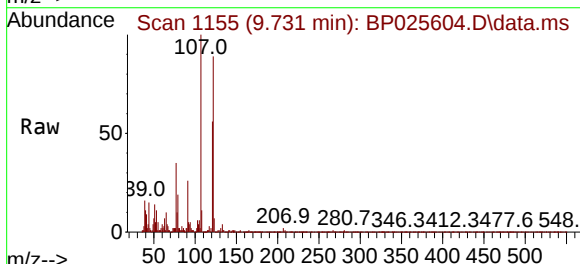
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

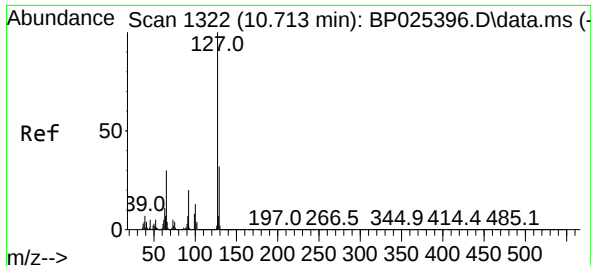
Tgt Ion:128 Resp: 5863129
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 3.322 ng
RT: 9.731 min Scan# 1155
Delta R.T. -0.141 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:122 Resp: 23444
Ion Ratio Lower Upper
122 100
105 6.5 100.6 140.6#
77 38.9 71.5 111.5#

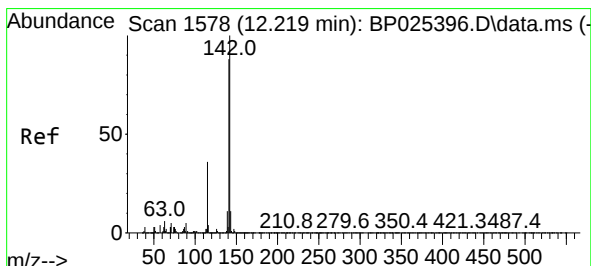
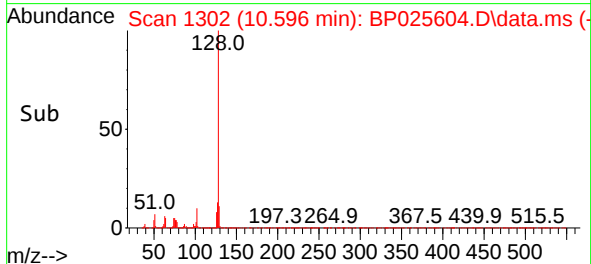
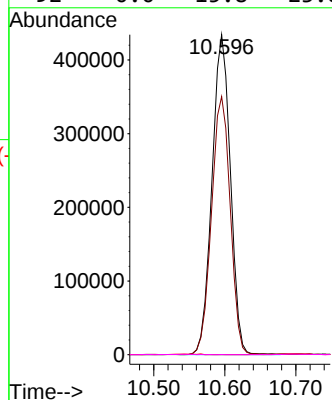
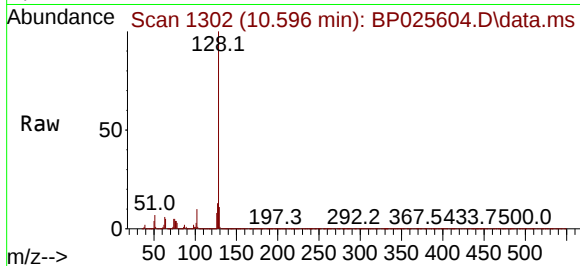




#33
4-Chloroaniline
Concen: 55.313 ng
RT: 10.596 min Scan# 11
Delta R.T. -0.118 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

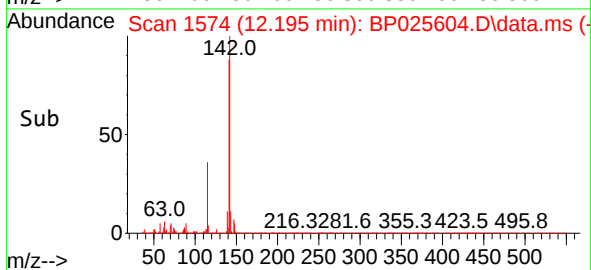
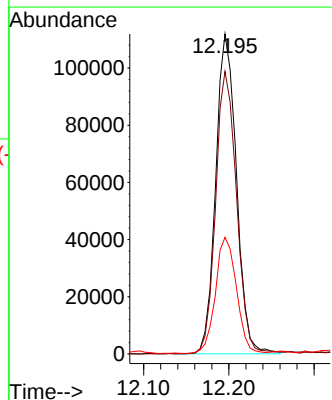
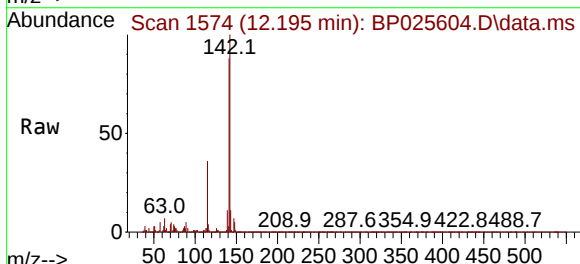
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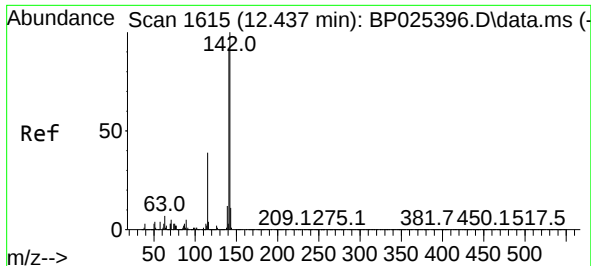
Tgt Ion:	127	Resp:	778632
Ion	Ratio	Lower	Upper
127	100		
129	80.6	25.4	38.2#
65	0.0	23.8	35.6#
92	0.0	15.8	23.8#



#37
2-Methylnaphthalene
Concen: 9.107 ng
RT: 12.195 min Scan# 1574
Delta R.T. -0.023 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:	142	Resp:	188858
Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	36.5	28.9	43.3

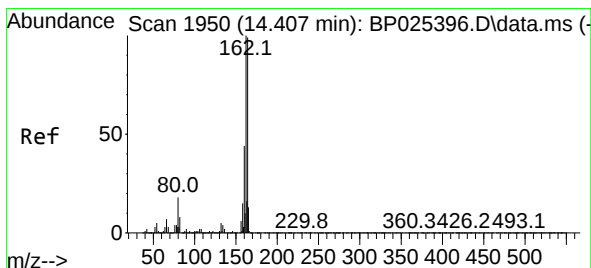
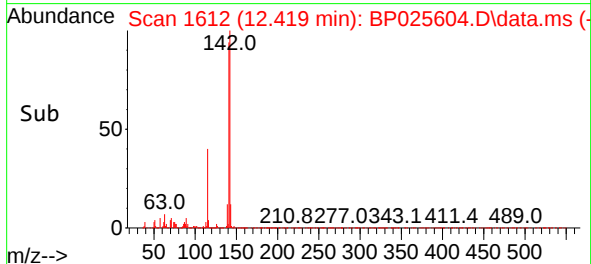
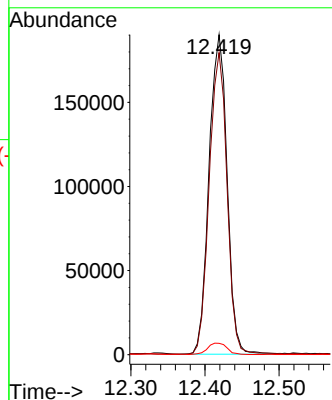
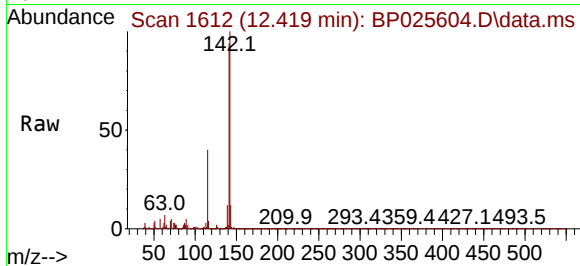




#38
1-Methylnaphthalene
Concen: 14.547 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

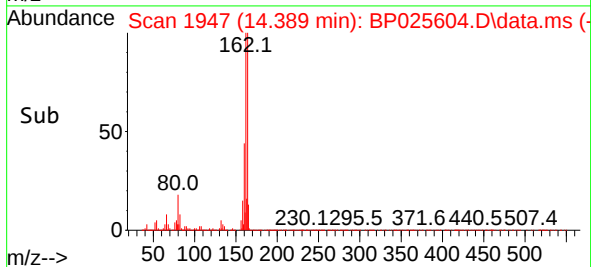
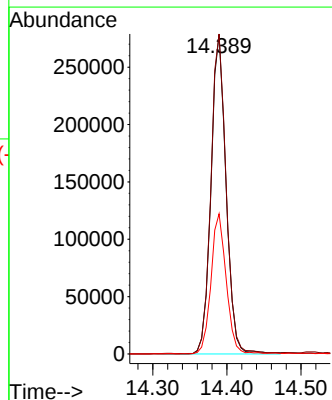
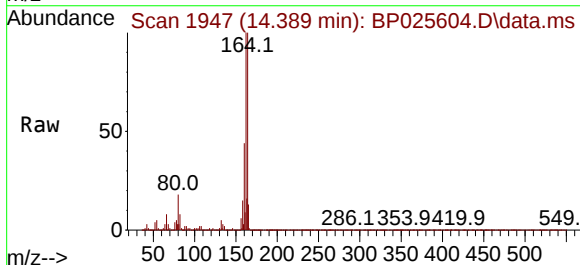
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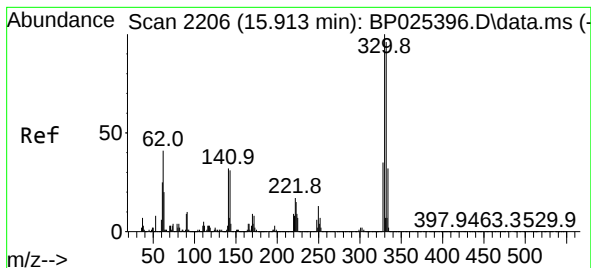
Tgt Ion:142 Resp: 320842
Ion Ratio Lower Upper
142 100
141 94.4 73.1 109.7
116 3.6 3.2 4.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:164 Resp: 392479
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.6
160 43.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 6.348 ng

RT: 15.907 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

Instrument :

BNA_P

ClientSampleId :

MW-19B-082125DL

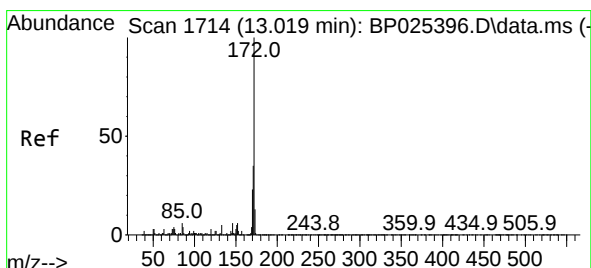
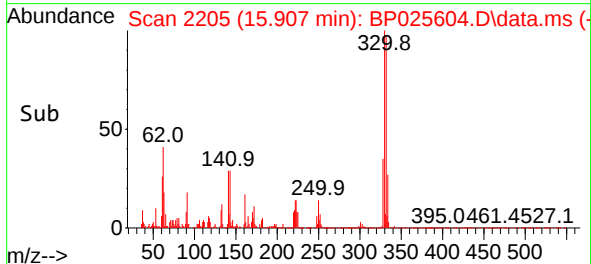
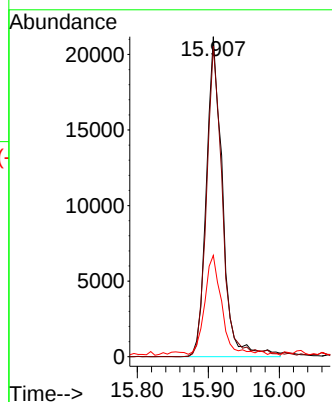
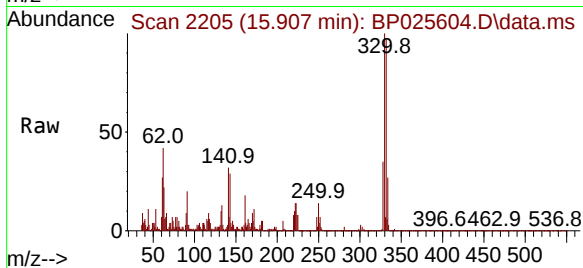
Tgt Ion:330 Resp: 33533

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

141 31.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 3.917 ng

RT: 13.001 min Scan# 1711

Delta R.T. -0.018 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

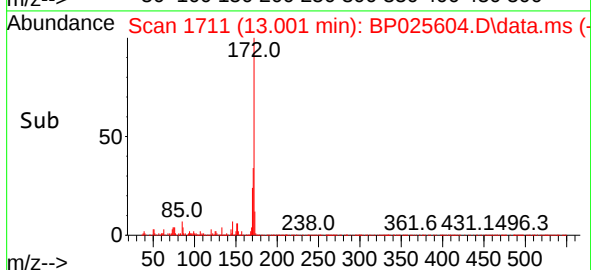
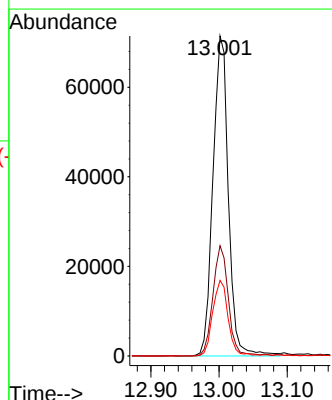
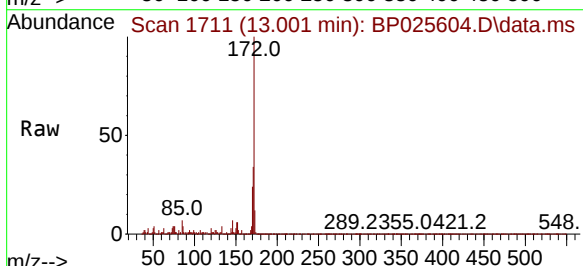
Tgt Ion:172 Resp: 112477

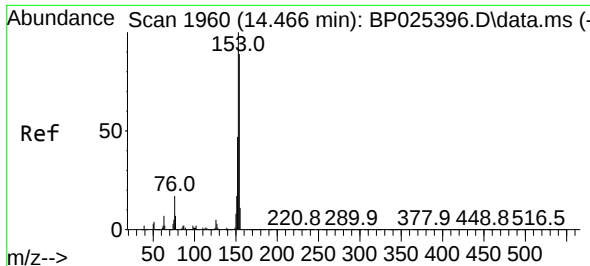
Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 23.6 18.6 28.0

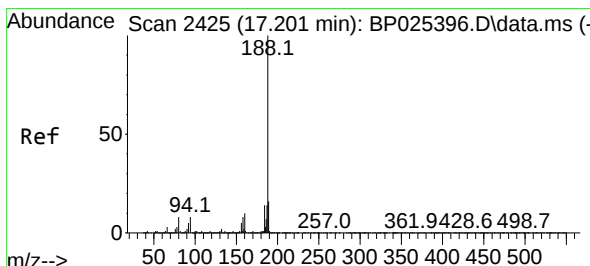
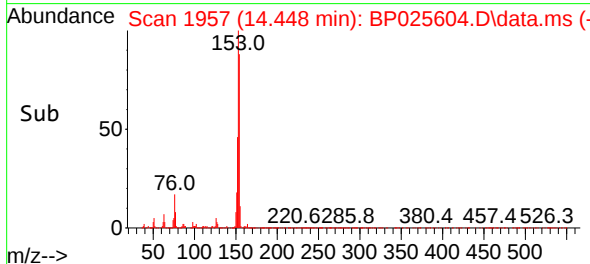
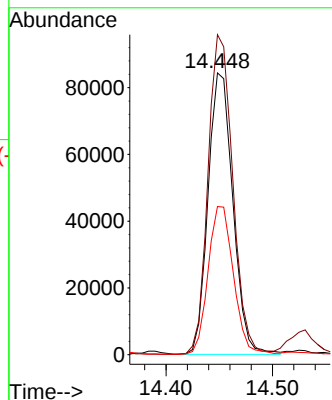
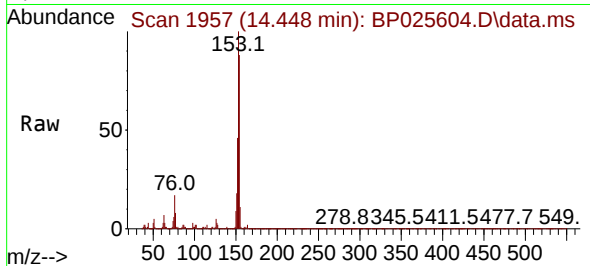




#52
Acenaphthene
Concen: 6.335 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

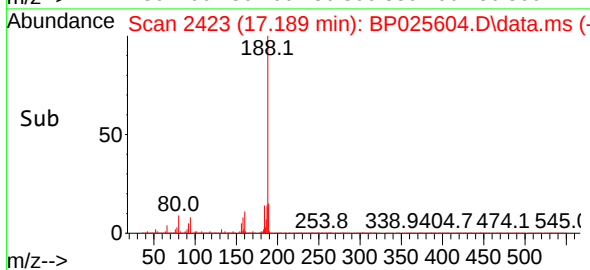
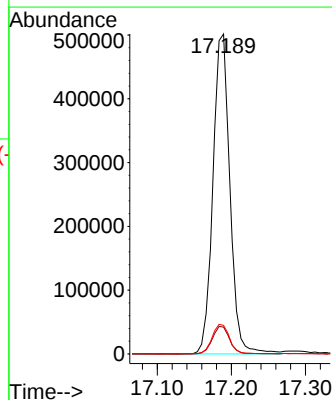
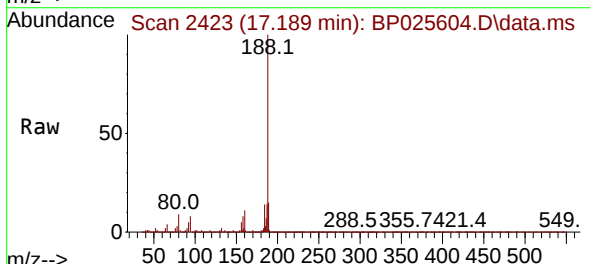
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

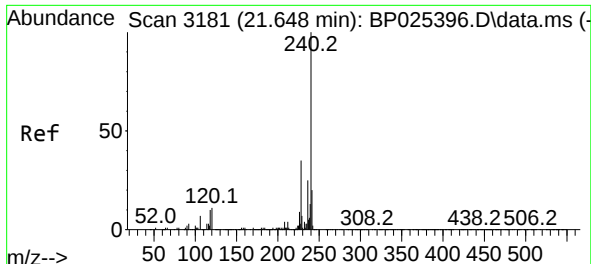
Tgt Ion:154 Resp: 136537
Ion Ratio Lower Upper
154 100
153 113.5 90.2 135.2
152 52.6 42.1 63.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:188 Resp: 797526
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.0 6.7 10.1

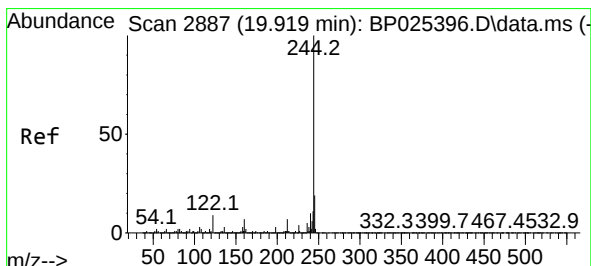
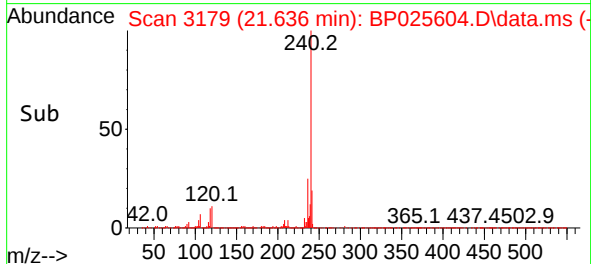
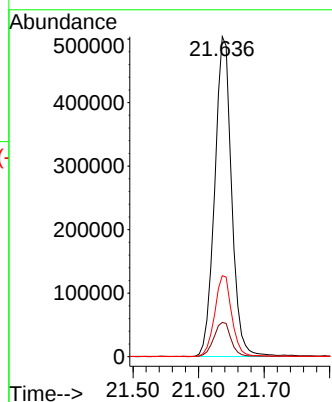
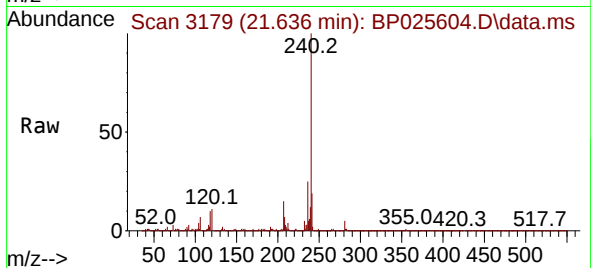




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3181
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

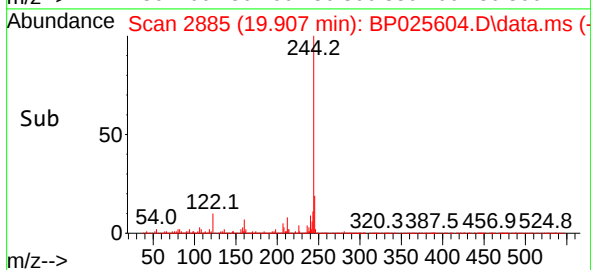
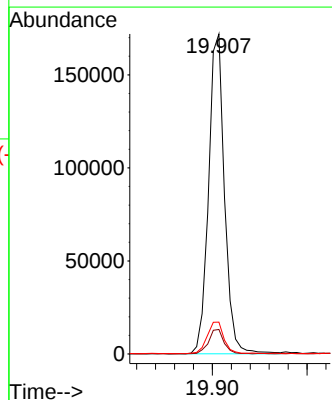
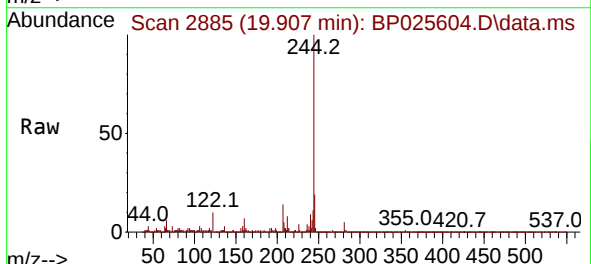
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL

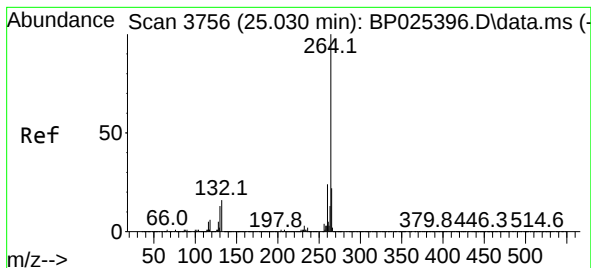
Tgt Ion:240 Resp: 898906
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 25.3 19.8 29.8



#79
Terphenyl-d14
Concen: 4.074 ng
RT: 19.907 min Scan# 2885
Delta R.T. -0.012 min
Lab File: BP025604.D
Acq: 27 Aug 2025 15:41

Tgt Ion:244 Resp: 200178
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.0 7.4 11.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.024 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP025604.D

Acq: 27 Aug 2025 15:41

Instrument :

BNA_P

ClientSampleId :

MW-19B-082125DL

Tgt Ion:264 Resp: 1044774

Ion Ratio Lower Upper

264 100

260 23.2 19.3 28.9

265 22.0 17.4 26.0

