

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025607.D
 Acq On : 27 Aug 2025 17:44
 Operator : CG/JU
 Sample : Q2924-02DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025DL

Quant Time: Aug 27 18:11:38 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)

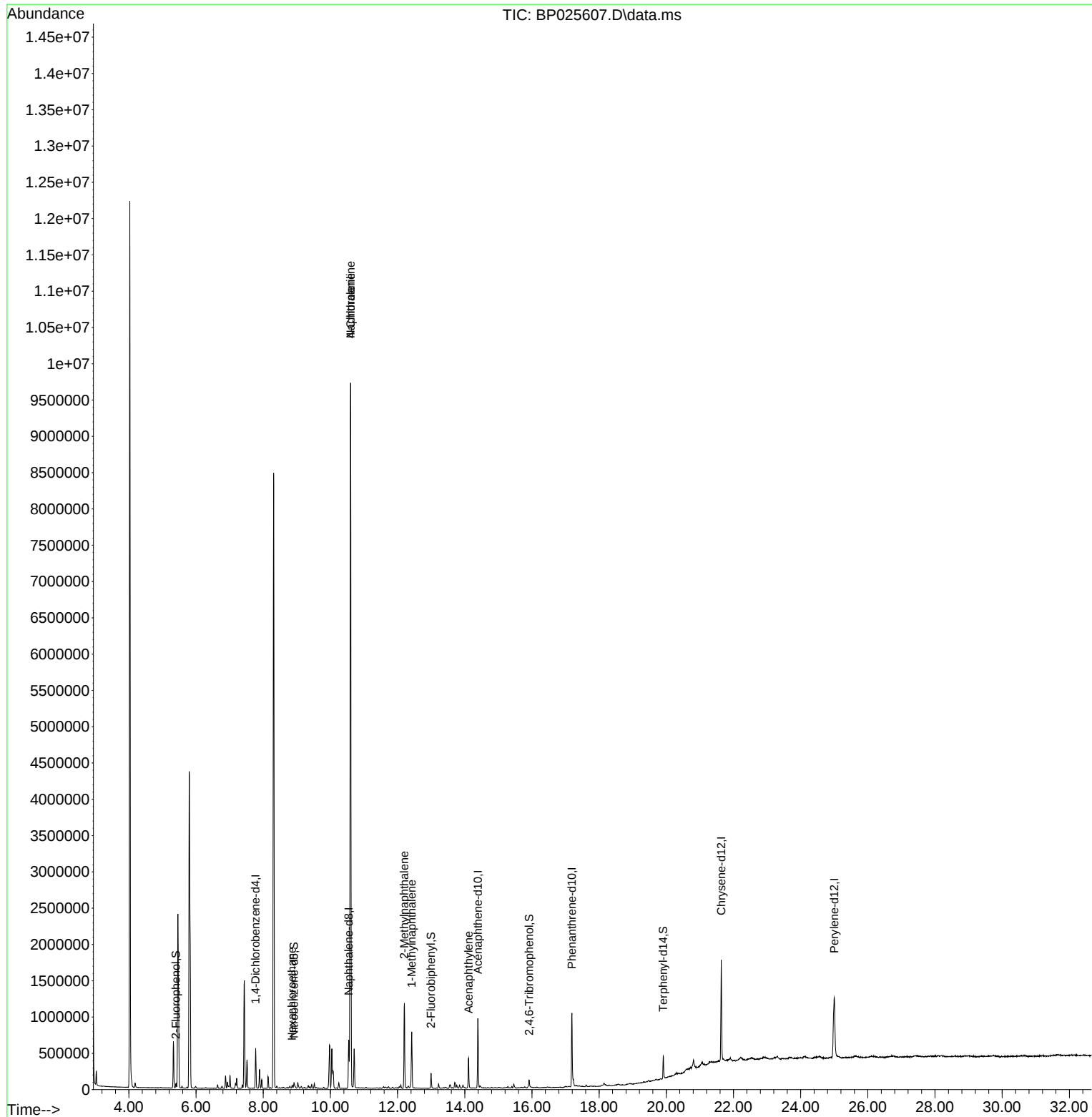
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	147420	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	575398	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	352604	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	694303	20.000	ng	-0.01
76) Chrysene-d12	21.636	240	837318	20.000	ng	-0.01
86) Perylene-d12	25.001	264	1049342	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	28294	3.187	ng	0.00
7) Phenol-d6	6.966	99	18121	1.592	ng	0.00
23) Nitrobenzene-d5	8.913	82	43834	3.854	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	27078	5.705	ng	0.00
45) 2-Fluorobiphenyl	12.995	172	107008	4.148	ng	-0.02
79) Terphenyl-d14	19.907	244	176311	3.852	ng	-0.01
Target Compounds						
						Qvalue
18) Hexachloroethane	8.860	117	13952	3.361	ng	# 45
31) Naphthalene	10.601	128	8491335	283.928	ng	99
33) 4-Chloroaniline	10.601	127	1135413	85.949	ng	# 35
37) 2-Methylnaphthalene	12.201	142	567991	29.184	ng	99
38) 1-Methylnaphthalene	12.419	142	373125	18.028	ng	98
49) Acenaphthylene	14.113	152	288909	8.758	ng	100

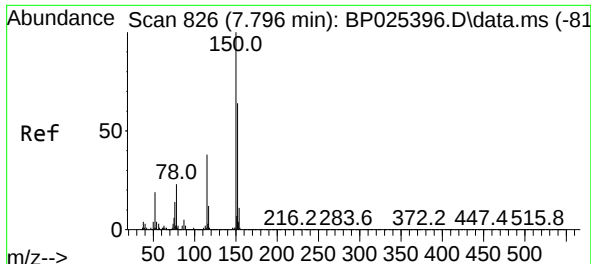
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

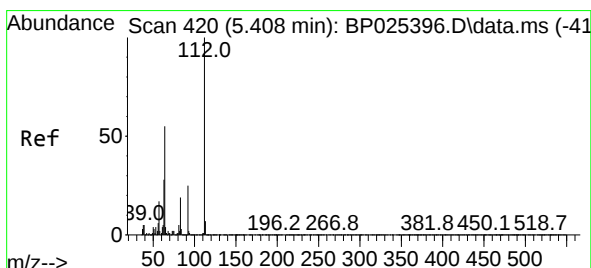
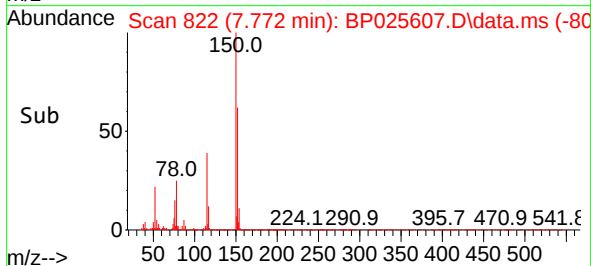
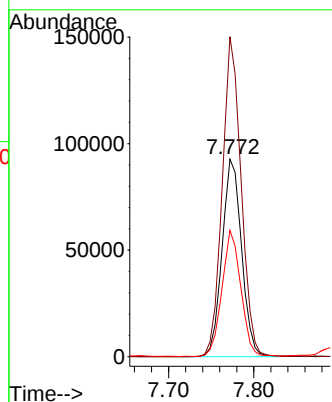
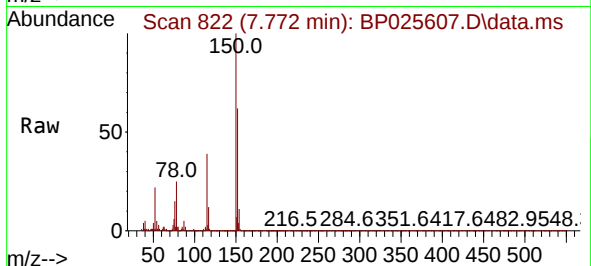




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.772 min Scan# 81
 Delta R.T. -0.024 min
 Lab File: BP025607.D
 Acq: 27 Aug 2025 17:44

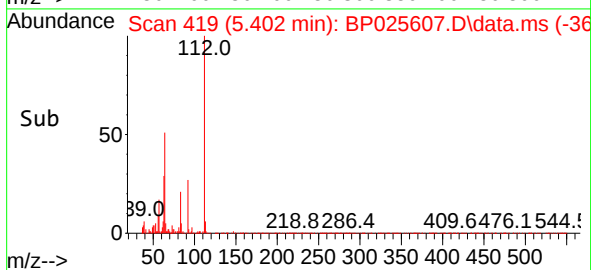
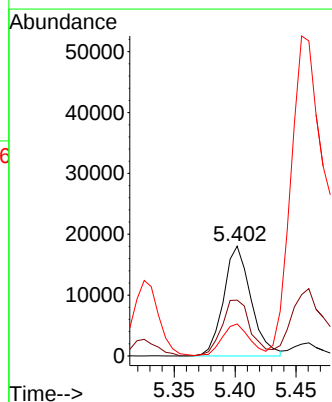
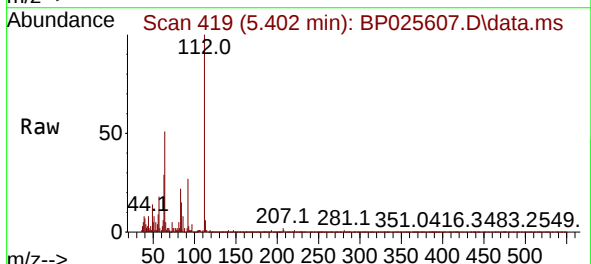
Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025DL

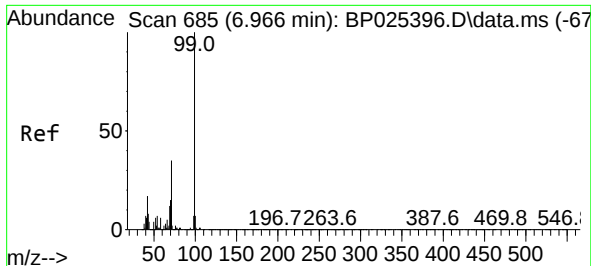
Tgt Ion:152 Resp: 147420
 Ion Ratio Lower Upper
 152 100
 150 162.1 125.9 188.9
 115 63.9 48.5 72.7



#5
 2-Fluorophenol
 Concen: 3.187 ng
 RT: 5.402 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: BP025607.D
 Acq: 27 Aug 2025 17:44

Tgt Ion:112 Resp: 28294
 Ion Ratio Lower Upper
 112 100
 64 50.9 43.8 65.8
 63 29.1 22.7 34.1

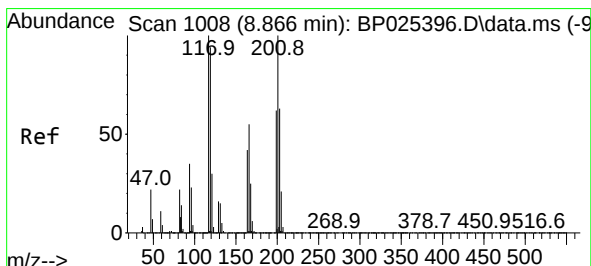
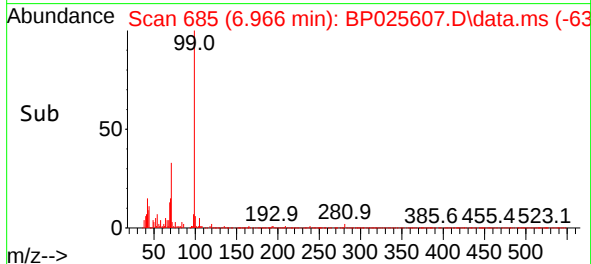
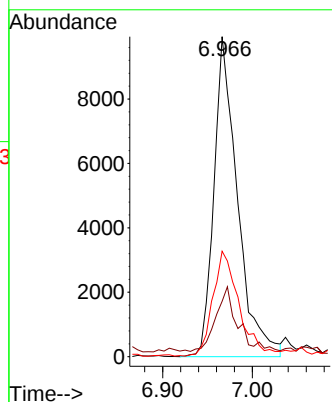
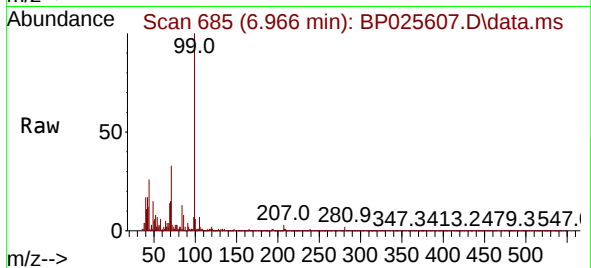




#7
Phenol-d6
Concen: 1.592 ng
RT: 6.966 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

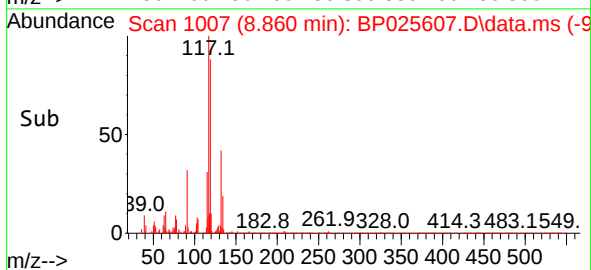
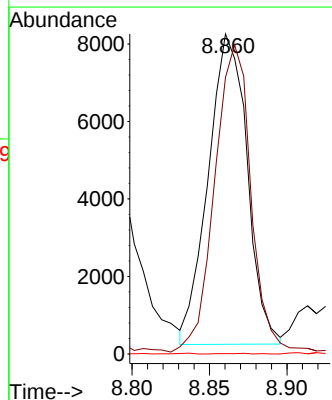
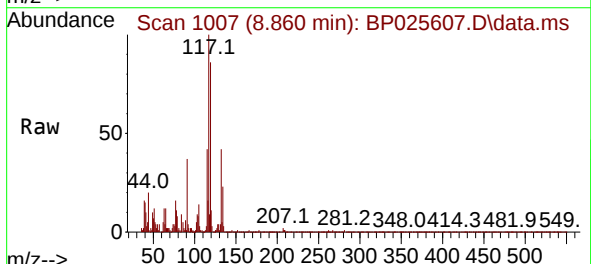
Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

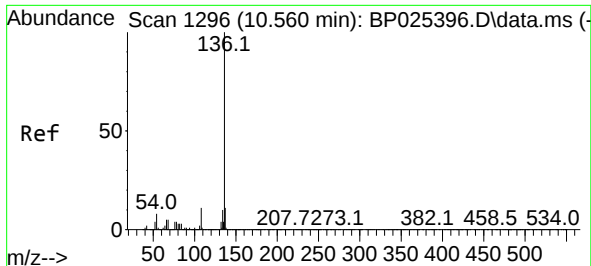
Tgt Ion:	99	Resp:	18121
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.7	20.5
71	32.9	28.2	42.4



#18
Hexachloroethane
Concen: 3.361 ng
RT: 8.860 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:	117	Resp:	13952
Ion	Ratio	Lower	Upper
117	100		
119	86.4	75.1	112.7
201	0.1	80.1	120.1

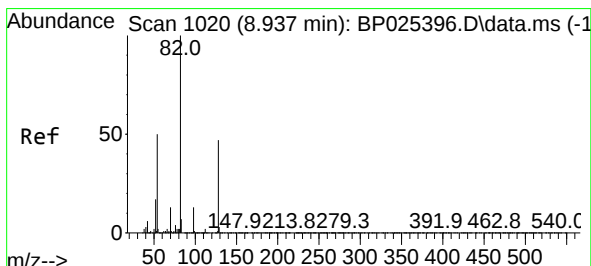
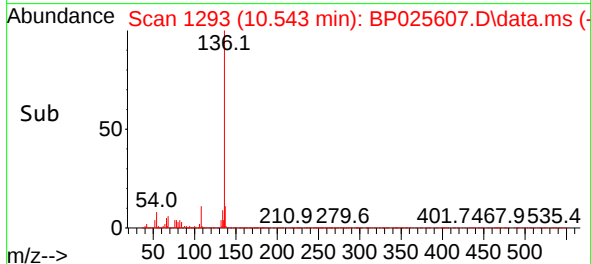
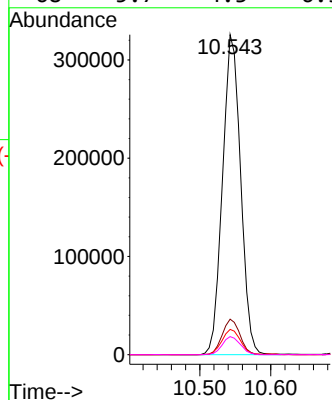
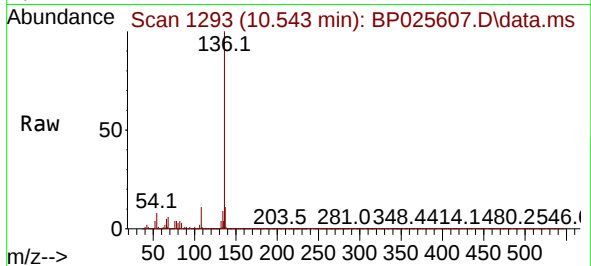




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

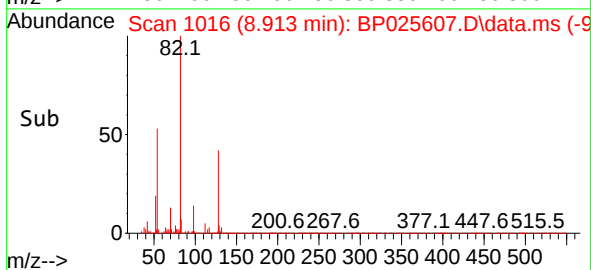
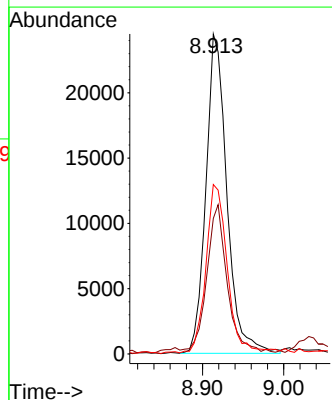
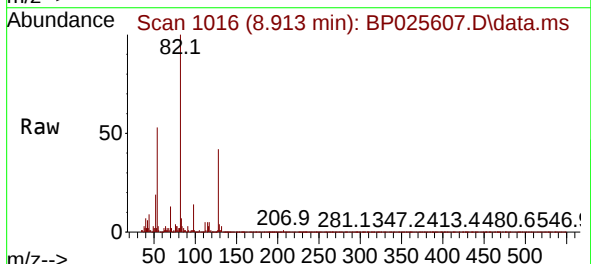
Instrument :
BNA_P
ClientSampleId :
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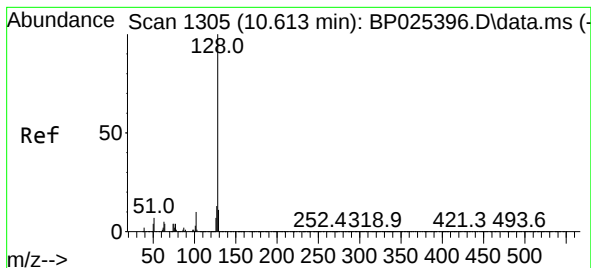
Tgt Ion:	136	Resp:	575398
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.2	13.8
54	7.9	6.0	9.0
68	5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 3.854 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:	82	Resp:	43834
Ion Ratio	Lower	Upper	
82	100		
128	42.4	37.7	56.5
54	53.0	39.8	59.6

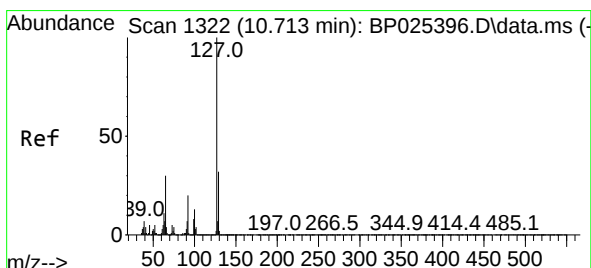
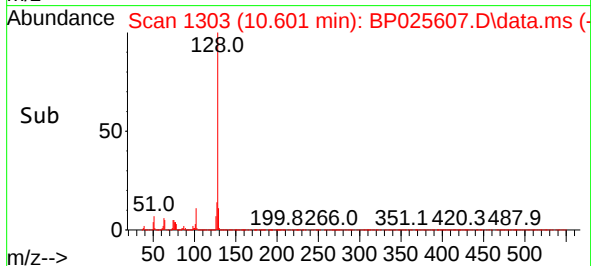
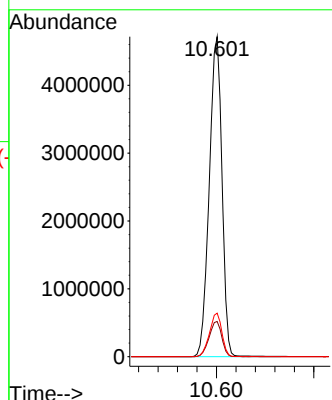
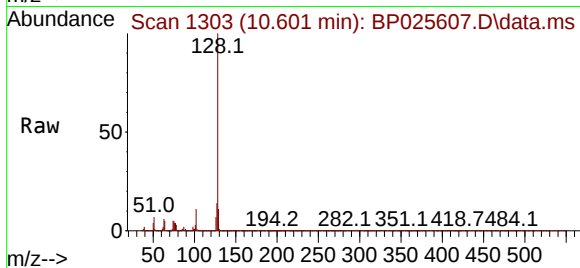




#31
Naphthalene
Concen: 283.928 ng
RT: 10.601 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

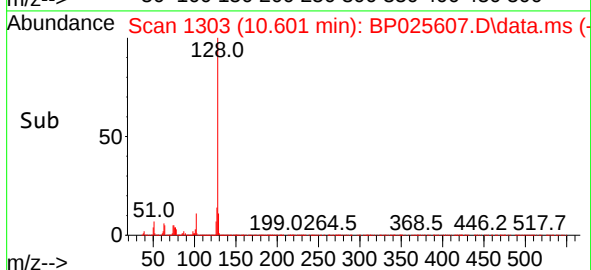
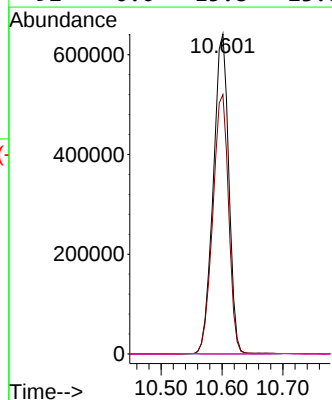
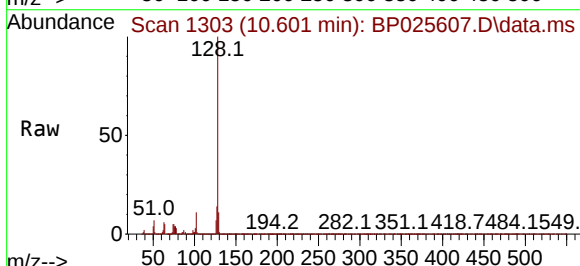
Instrument :
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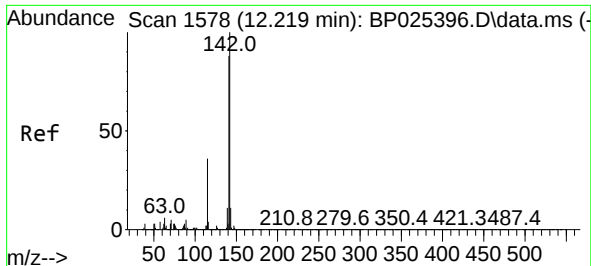
Tgt Ion:128 Resp: 8491335
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.7 16.1



#33
4-Chloroaniline
Concen: 85.949 ng
RT: 10.601 min Scan# 1303
Delta R.T. -0.112 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:127 Resp: 1135413
Ion Ratio Lower Upper
127 100
129 81.0 25.4 38.2#
65 0.0 23.8 35.6#
92 0.0 15.8 23.8#

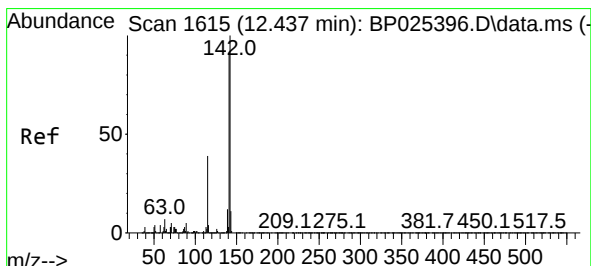
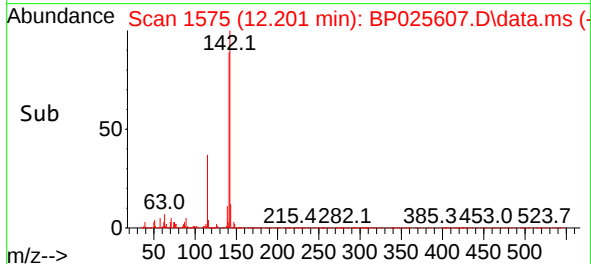
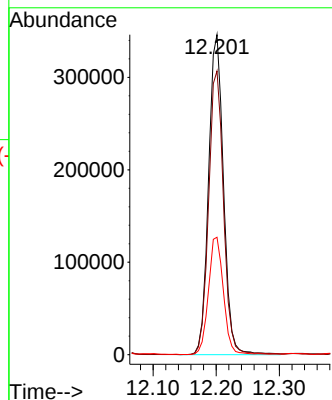
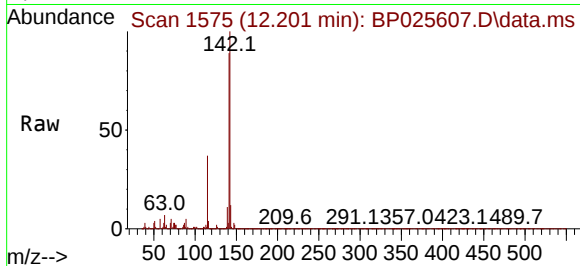




#37
2-Methylnaphthalene
Concen: 29.184 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

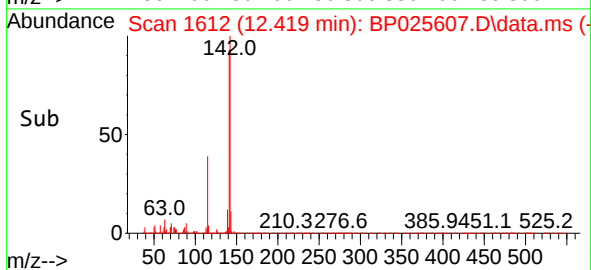
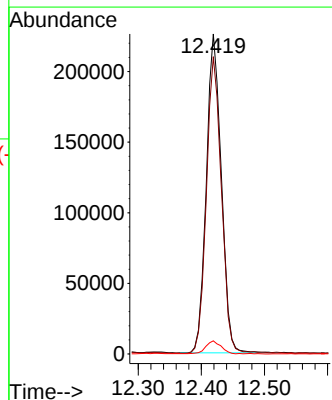
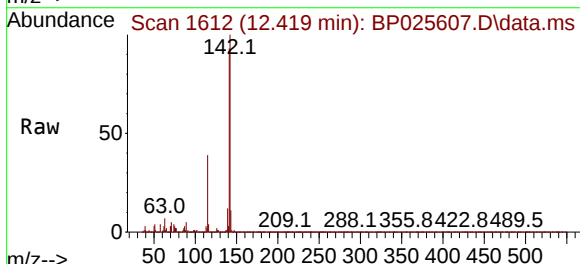
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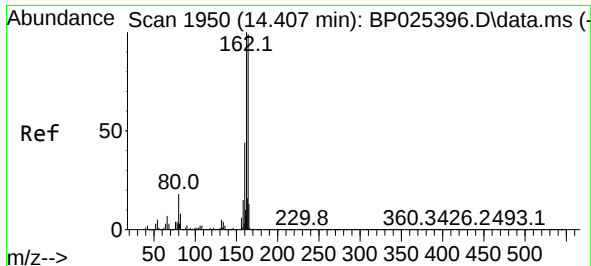
Tgt Ion:142 Resp: 567991
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5
115 36.7 28.9 43.3



#38
1-Methylnaphthalene
Concen: 18.028 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:142 Resp: 373125
Ion Ratio Lower Upper
142 100
141 92.9 73.1 109.7
116 4.1 3.2 4.8

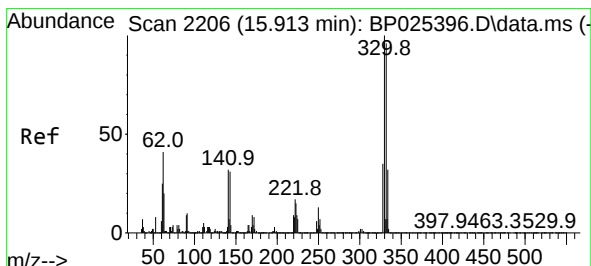
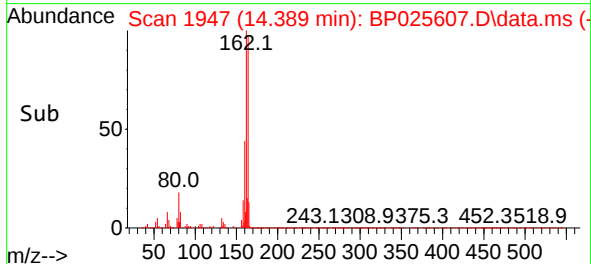
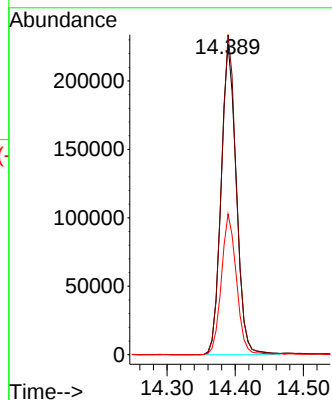
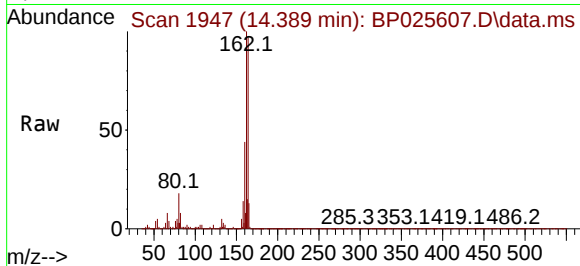




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

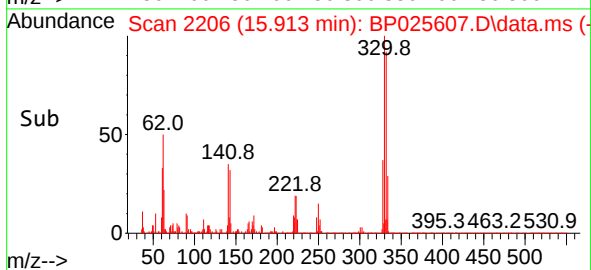
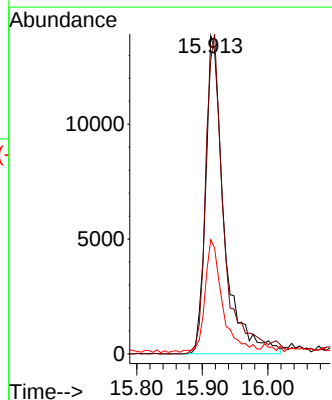
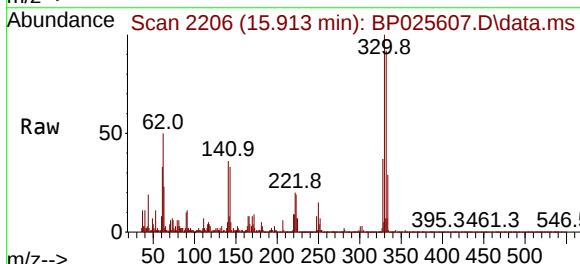
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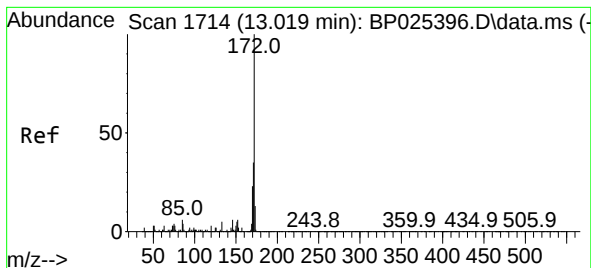
Tgt Ion:164 Resp: 352604
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.6
160 45.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 5.705 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:330 Resp: 27078
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 33.4 26.6 39.8





#45

2-Fluorobiphenyl

Concen: 4.148 ng

RT: 12.995 min Scan# 1

Delta R.T. -0.024 min

Lab File: BP025607.D

Acq: 27 Aug 2025 17:44

Instrument :

BNA_P

ClientSampleId :

MW-201-082025DL

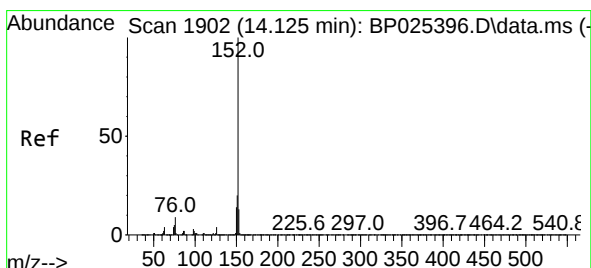
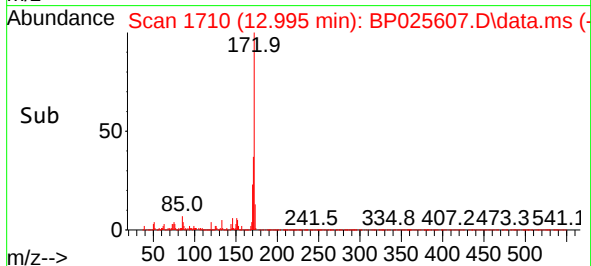
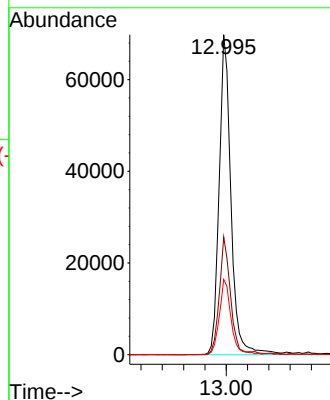
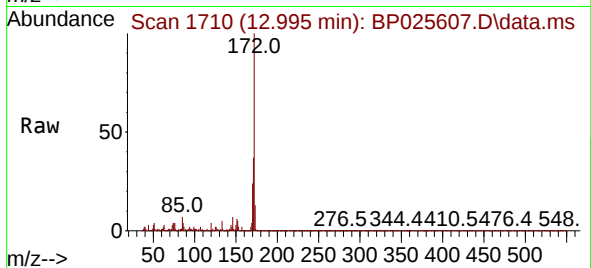
Tgt Ion:172 Resp: 107008

Ion Ratio Lower Upper

172 100

171 36.8 28.1 42.1

170 23.5 18.6 28.0



#49

Acenaphthylene

Concen: 8.758 ng

RT: 14.113 min Scan# 1900

Delta R.T. -0.012 min

Lab File: BP025607.D

Acq: 27 Aug 2025 17:44

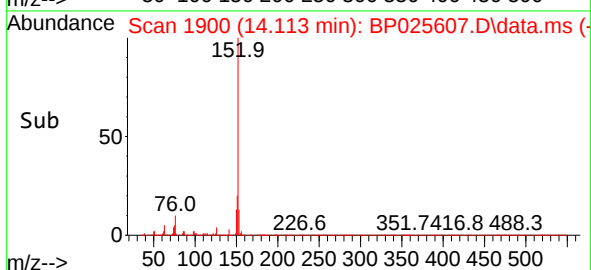
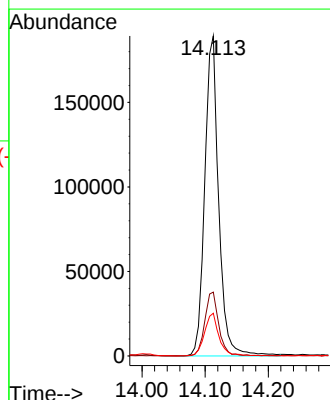
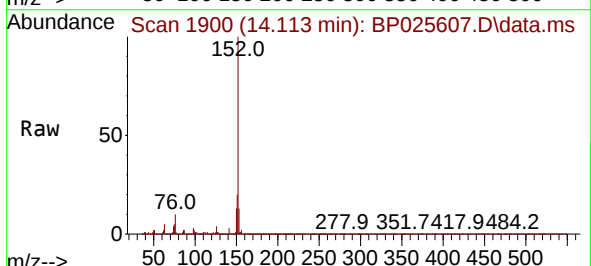
Tgt Ion:152 Resp: 288909

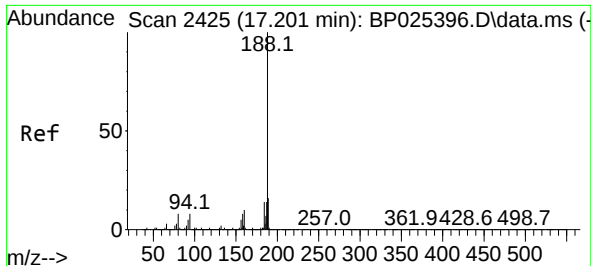
Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 15.8

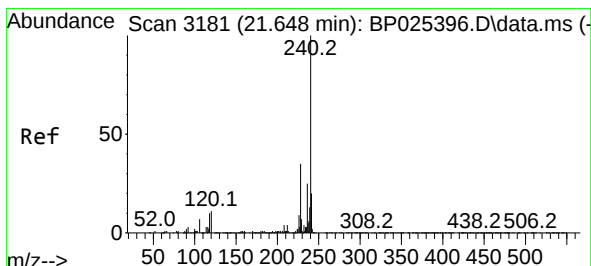
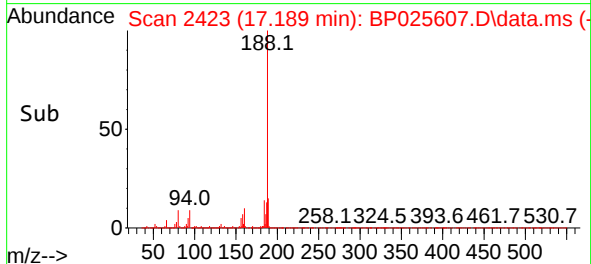
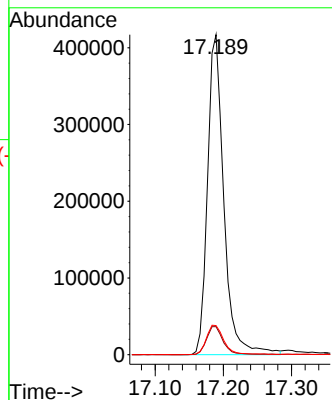
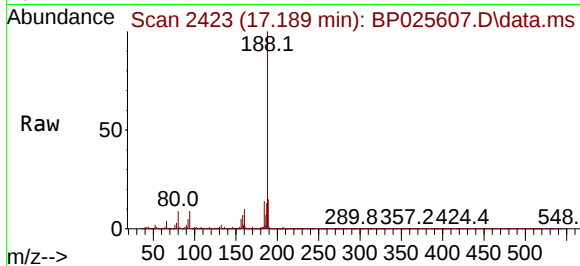




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

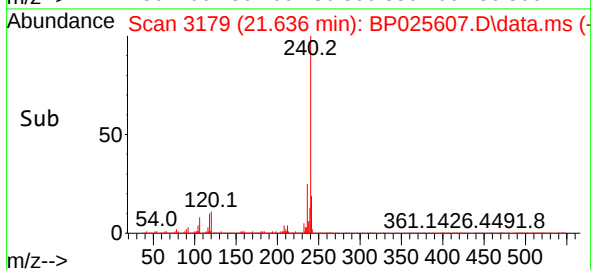
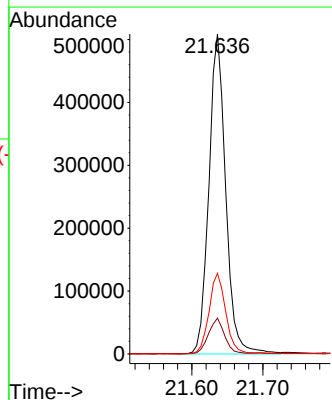
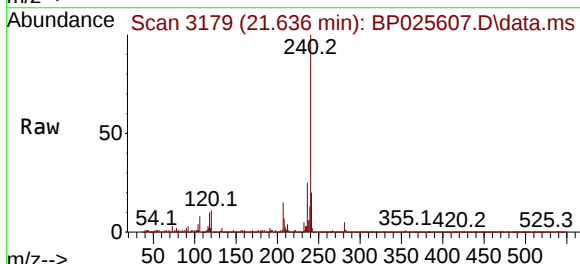
Instrument :
BNA_P
ClientSampleId :
MW-201-082025DL

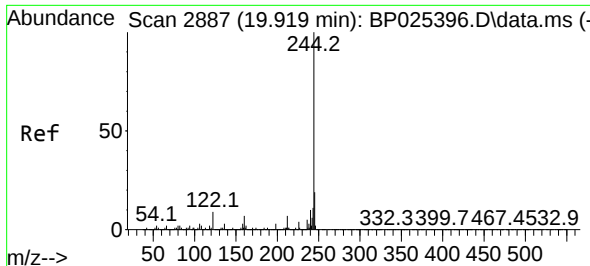
Tgt Ion:188 Resp: 694303
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.1 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3179
Delta R.T. -0.012 min
Lab File: BP025607.D
Acq: 27 Aug 2025 17:44

Tgt Ion:240 Resp: 837318
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.2 19.8 29.8

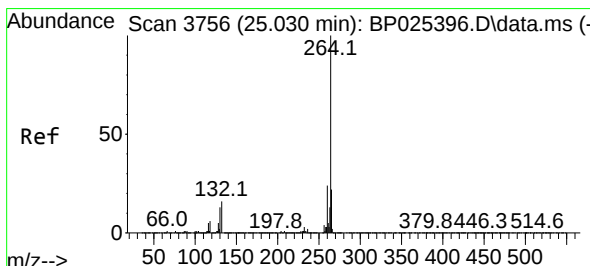
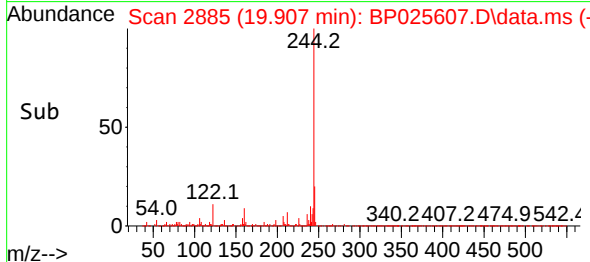
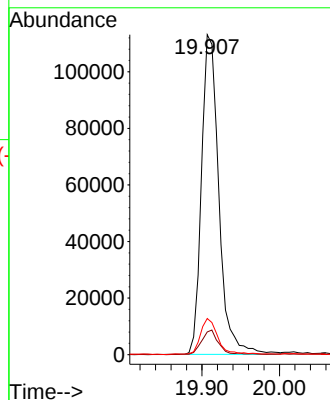
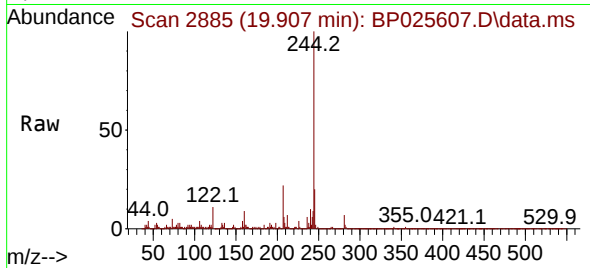




#79
 Terphenyl-d14
 Concen: 3.852 ng
 RT: 19.907 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP025607.D
 Acq: 27 Aug 2025 17:44

Instrument :
 BNA_P
 ClientSampleId :
 MW-201-082025DL

Tgt Ion:244 Resp: 176311
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.3 7.4 11.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3751
 Delta R.T. -0.029 min
 Lab File: BP025607.D
 Acq: 27 Aug 2025 17:44

Tgt Ion:264 Resp: 1049342
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 22.6 17.4 26.0

