

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025605.D
 Acq On : 27 Aug 2025 16:22
 Operator : CG/JU
 Sample : Q2936-02DL2 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-19B-082125DL2

Quant Time: Aug 27 16:43:49 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)

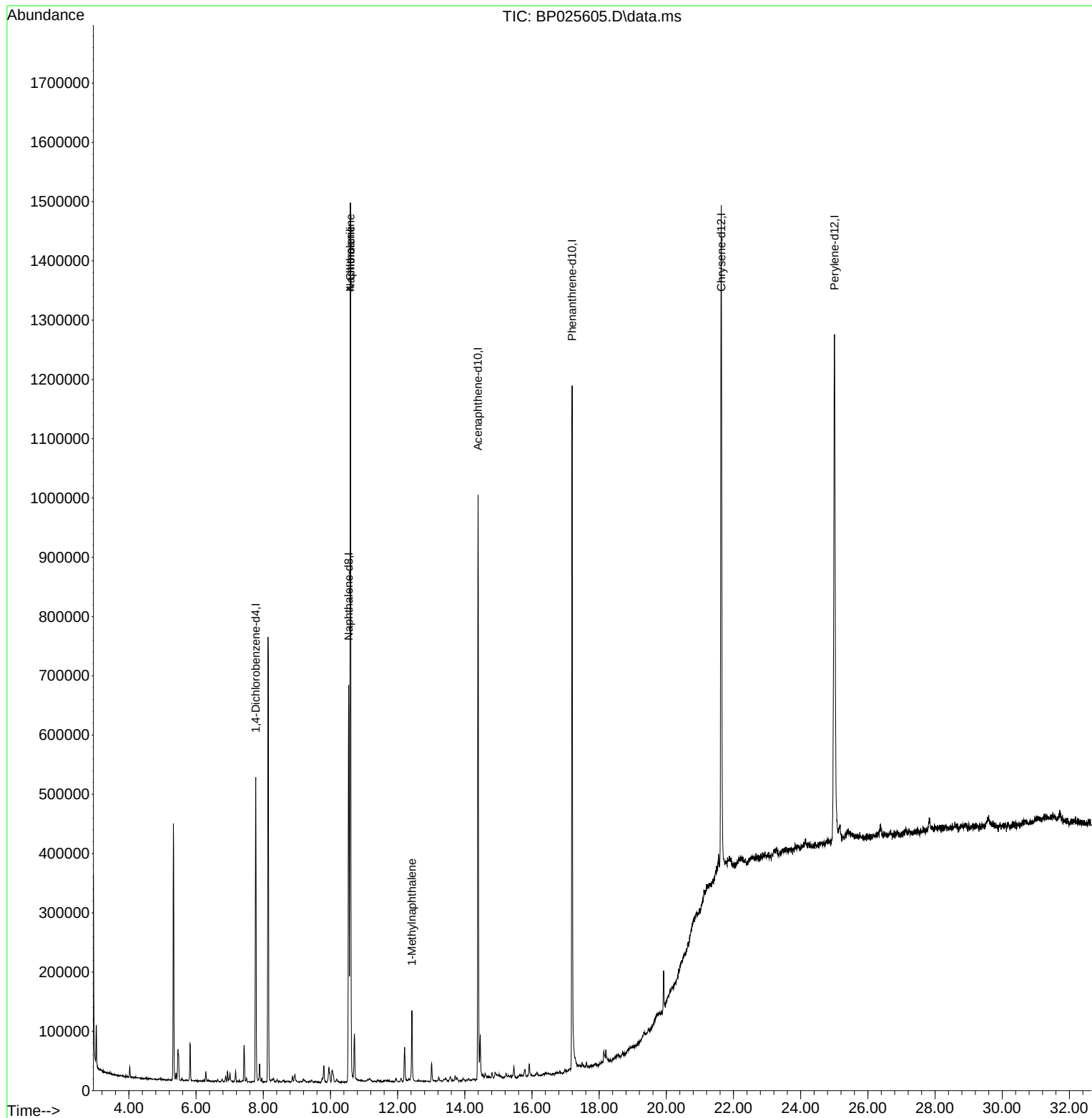
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	149853	20.000	ng	-0.02
21) Naphthalene-d8	10.542	136	592770	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	367926	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	753908	20.000	ng	0.00
76) Chrysene-d12	21.636	240	896138	20.000	ng	-0.01
86) Perylene-d12	25.006	264	1046661	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.407	112	5559	0.616	ng	0.00
7) Phenol-d6	6.984	99	3898	0.337	ng	0.02
23) Nitrobenzene-d5	8.931	82	7477	0.638	ng	0.00
42) 2,4,6-Tribromophenol	15.924	330	4838	0.977	ng	0.01
45) 2-Fluorobiphenyl	13.013	172	19402	0.721	ng	0.00
79) Terphenyl-d14	19.918	244	37091	0.757	ng	0.00
Target Compounds						
31) Naphthalene	10.595	128	1223585	39.714	ng	Qvalue 100
33) 4-Chloroaniline	10.595	127	160779	11.814	ng	# 34
38) 1-Methylnaphthalene	12.425	142	59594	2.795	ng	98

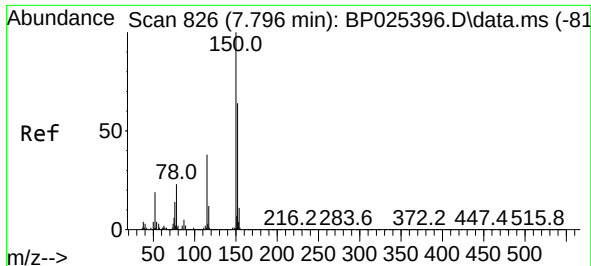
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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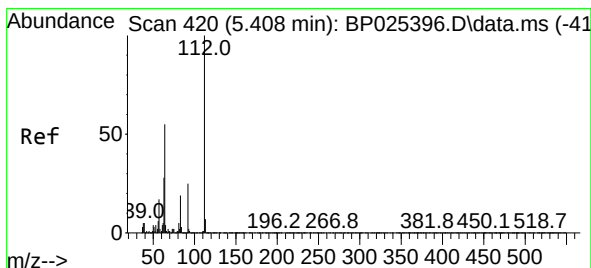
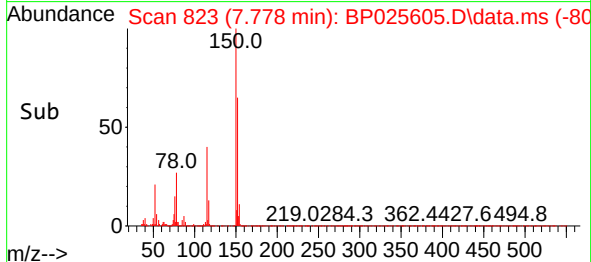
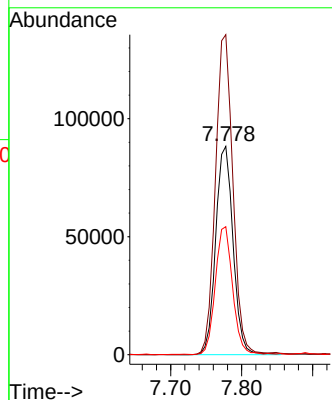
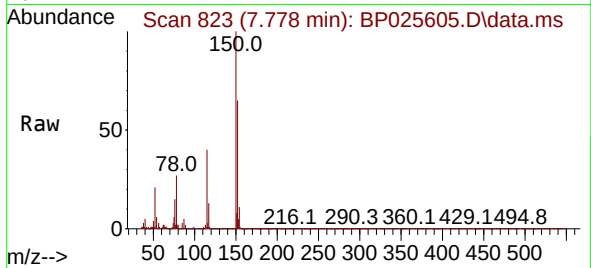




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.778 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BP025605.D
 Acq: 27 Aug 2025 16:22

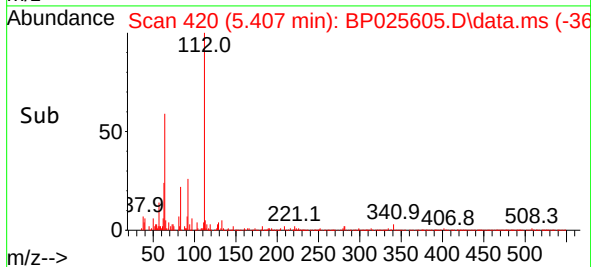
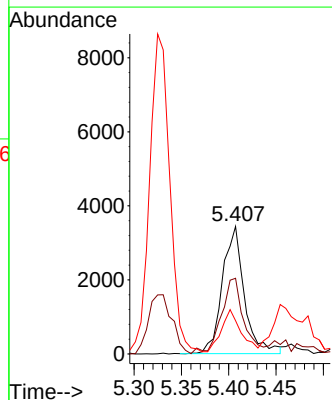
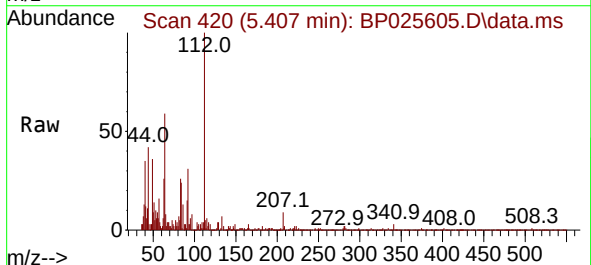
Instrument :
 BNA_P
 ClientSampleId :
 MW-19B-082125DL2

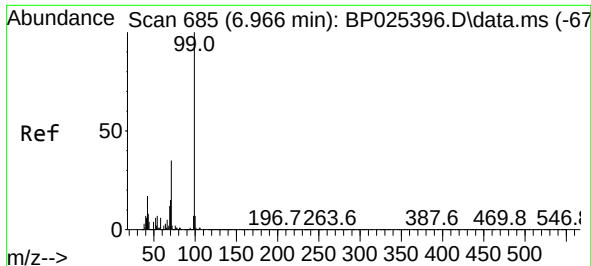
Tgt Ion:152 Resp: 149853
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.9 188.9
 115 61.4 48.5 72.7



#5
 2-Fluorophenol
 Concen: 0.616 ng
 RT: 5.407 min Scan# 420
 Delta R.T. -0.000 min
 Lab File: BP025605.D
 Acq: 27 Aug 2025 16:22

Tgt Ion:112 Resp: 5559
 Ion Ratio Lower Upper
 112 100
 64 59.4 43.8 65.8
 63 26.1 22.7 34.1

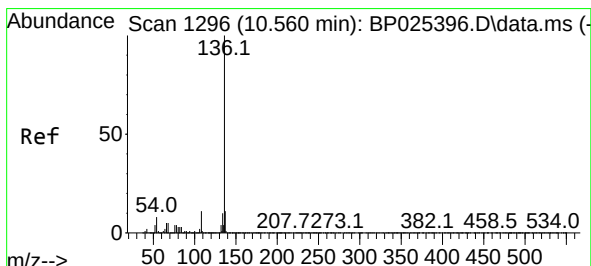
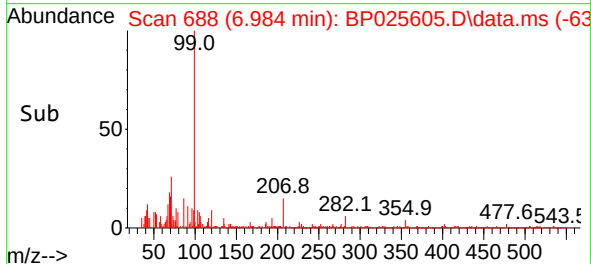
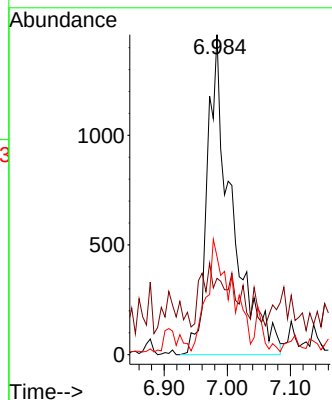
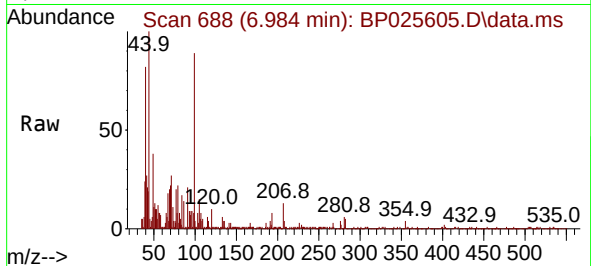




#7
Phenol-d6
Concen: 0.337 ng
RT: 6.984 min Scan# 61
Delta R.T. 0.017 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

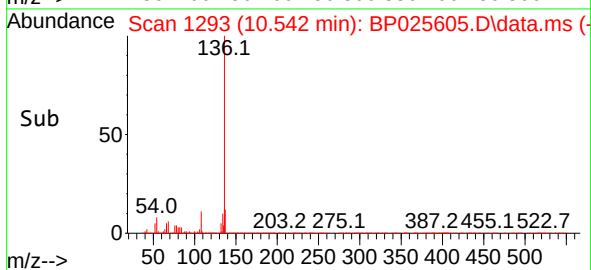
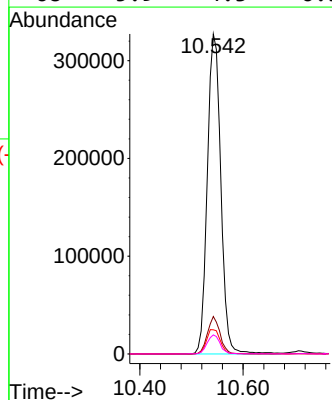
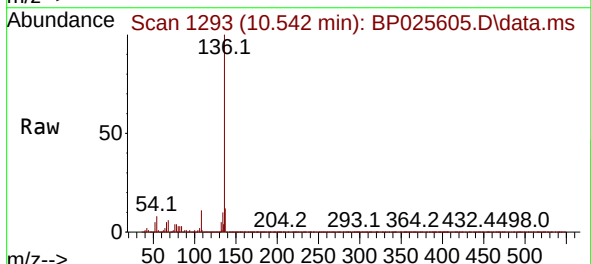
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

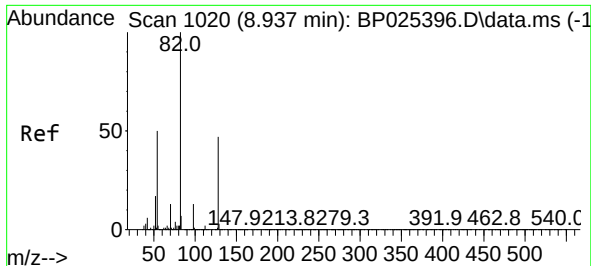
Tgt Ion: 99 Resp: 3898
Ion Ratio Lower Upper
99 100
42 23.9 13.7 20.5#
71 30.6 28.2 42.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.542 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:136 Resp: 592770
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 7.6 6.0 9.0
68 5.9 4.3 6.5

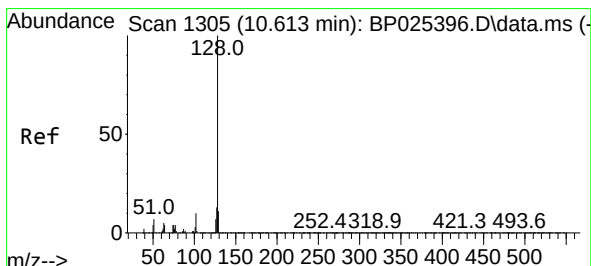
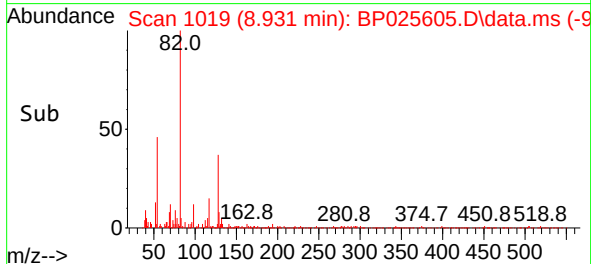
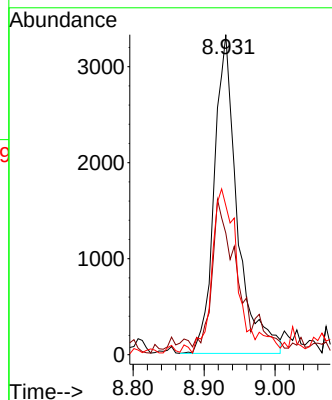
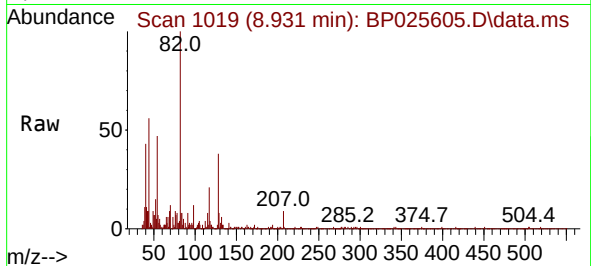




#23
Nitrobenzene-d5
Concen: 0.638 ng
RT: 8.931 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

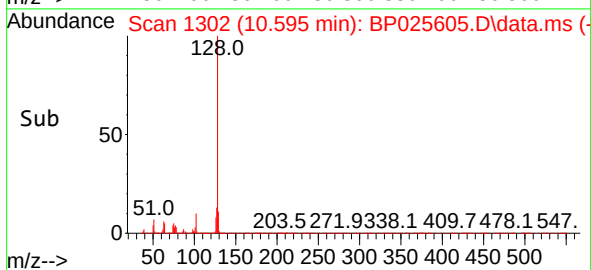
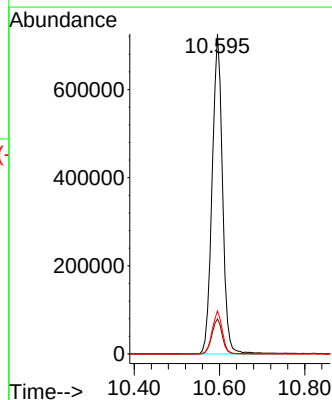
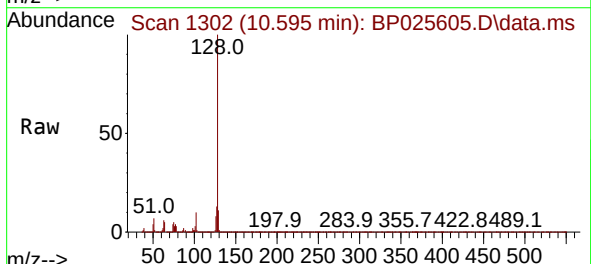
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

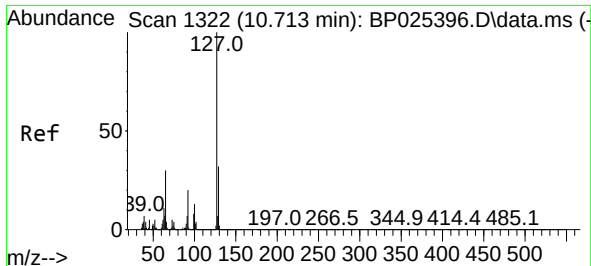
Tgt Ion: 82 Resp: 7477
Ion Ratio Lower Upper
82 100
128 38.0 37.7 56.5
54 46.6 39.8 59.6



#31
Naphthalene
Concen: 39.714 ng
RT: 10.595 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion: 128 Resp: 1223585
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.7 16.1

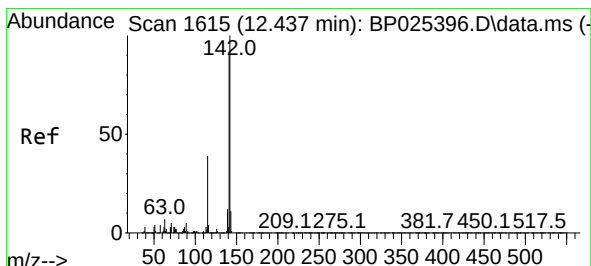
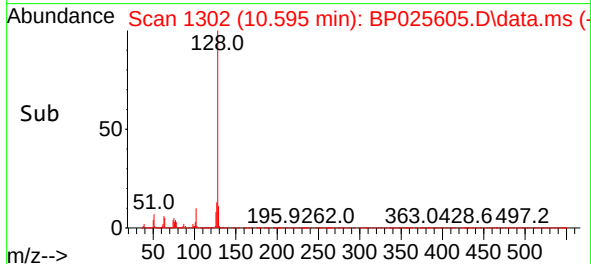
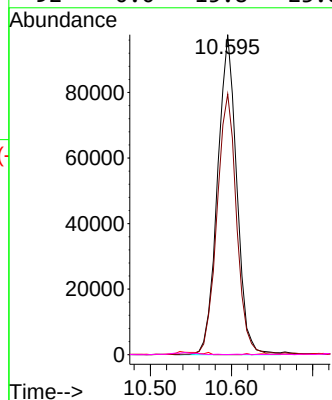
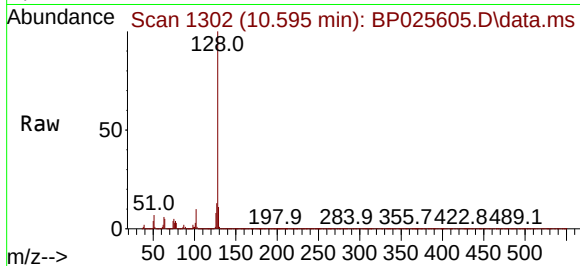




#33
4-Chloroaniline
Concen: 11.814 ng
RT: 10.595 min Scan# 11
Delta R.T. -0.118 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

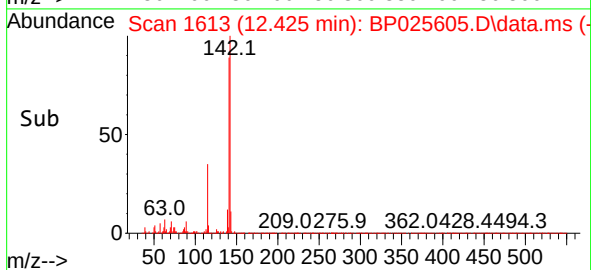
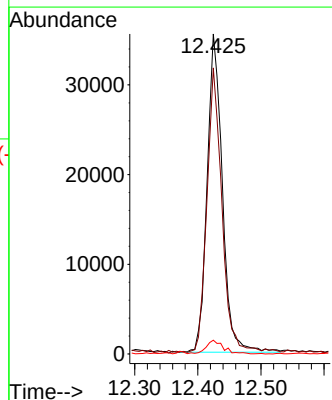
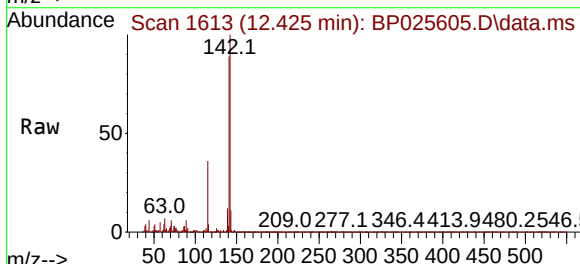
Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

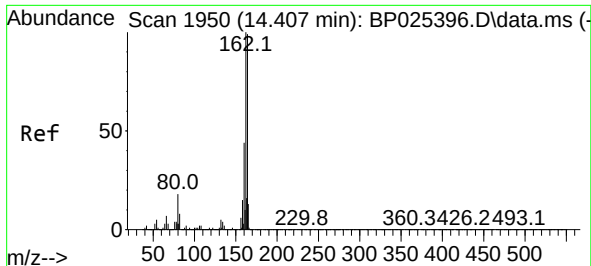
Tgt Ion:127	Resp: 160779
Ion Ratio	Lower Upper
127 100	
129 81.5	25.4 38.2#
65 0.0	23.8 35.6#
92 0.0	15.8 23.8#



#38
1-Methylnaphthalene
Concen: 2.795 ng
RT: 12.425 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:142	Resp: 59594
Ion Ratio	Lower Upper
142 100	
141 89.4	73.1 109.7
116 4.3	3.2 4.8

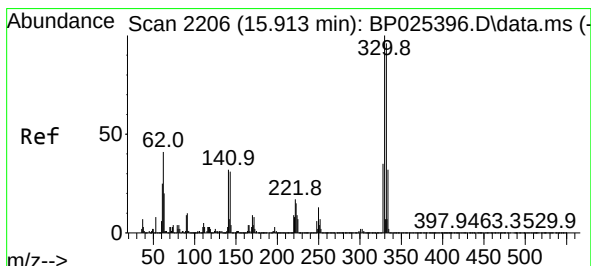
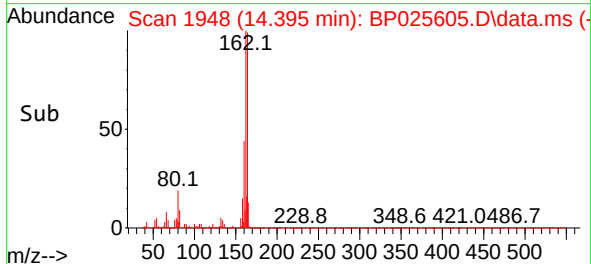
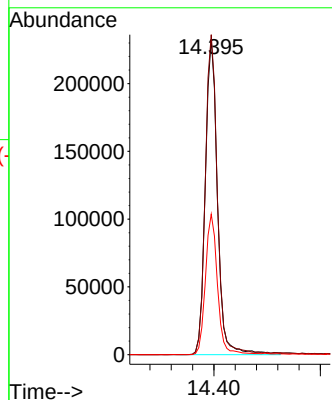
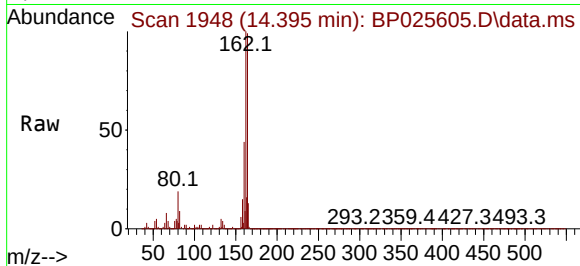




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

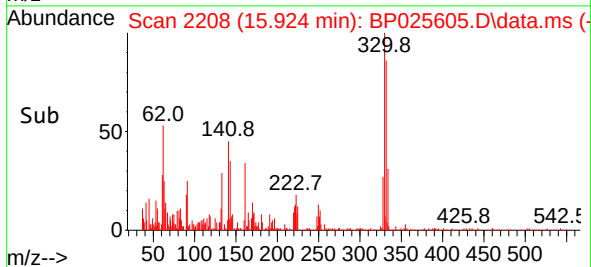
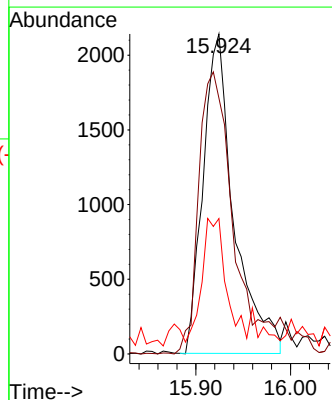
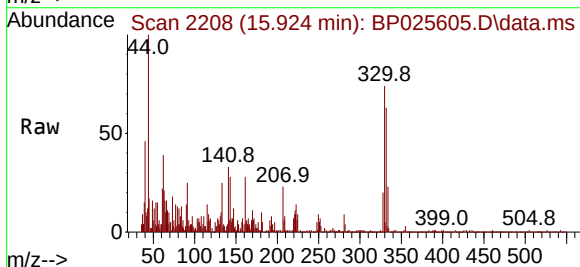
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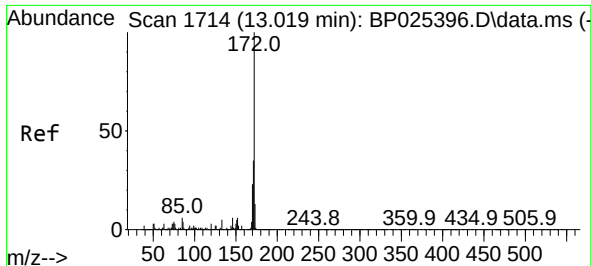
Tgt Ion:164 Resp: 367926
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.6
160 44.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 0.977 ng
RT: 15.924 min Scan# 2208
Delta R.T. 0.011 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:330 Resp: 4838
Ion Ratio Lower Upper
330 100
332 101.0 77.3 115.9
141 29.6 26.6 39.8

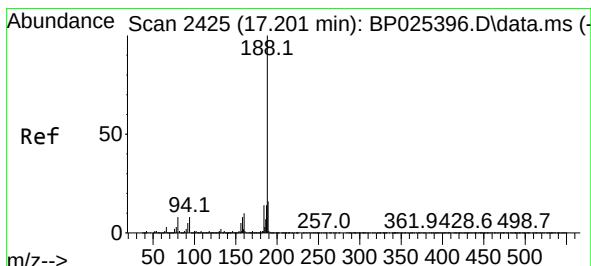
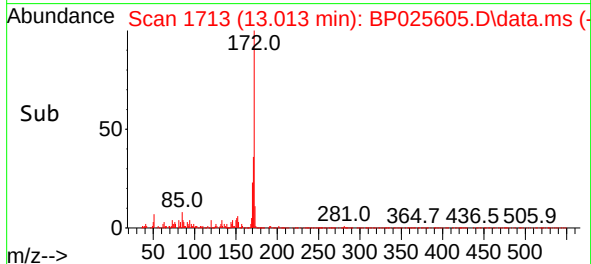
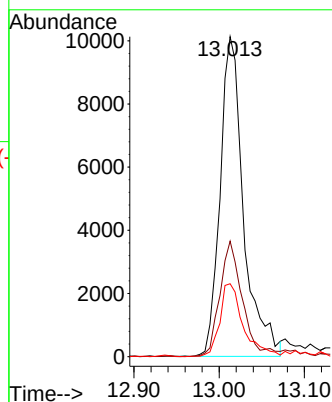
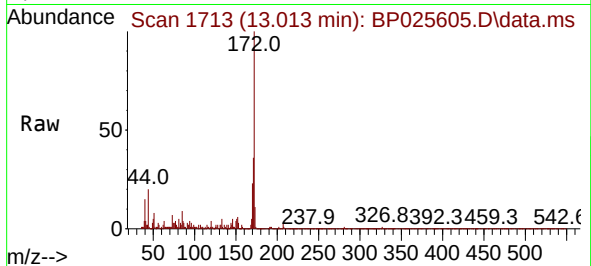




#45
2-Fluorobiphenyl
Concen: 0.721 ng
RT: 13.013 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

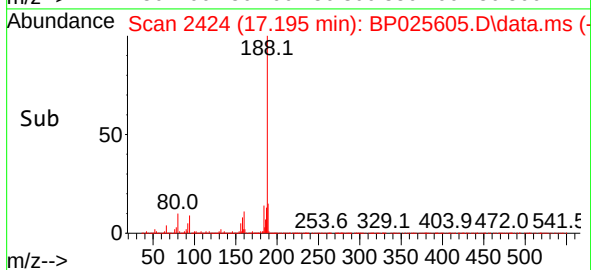
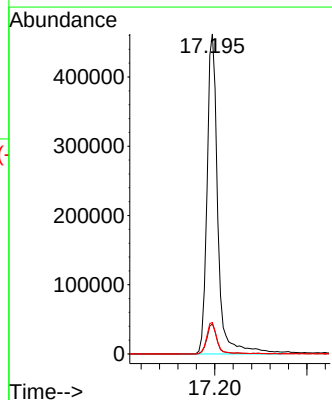
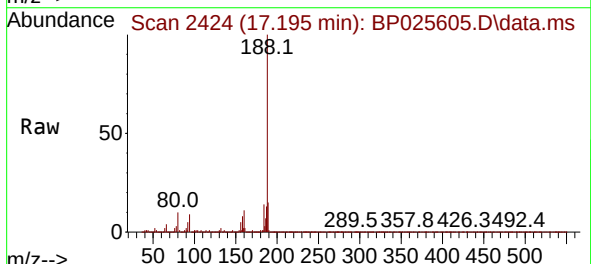
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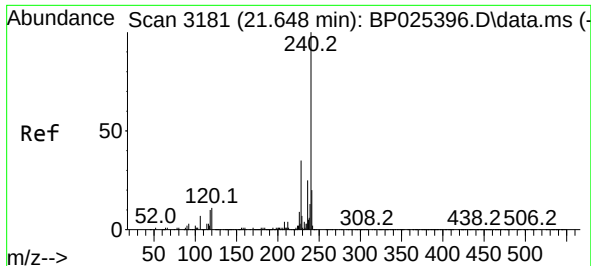
Tgt Ion:172 Resp: 19402
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 22.8 18.6 28.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:188 Resp: 753908
Ion Ratio Lower Upper
188 100
94 9.4 6.6 10.0
80 9.9 6.7 10.1

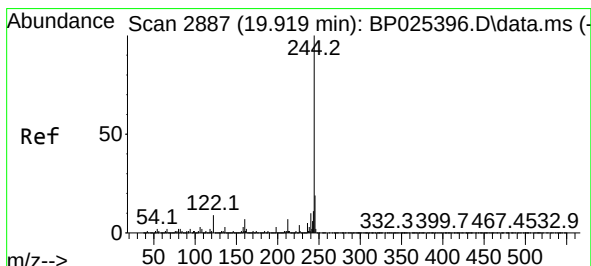
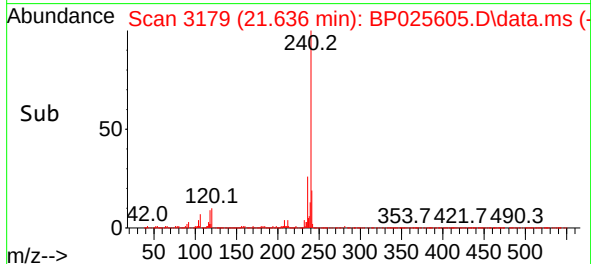
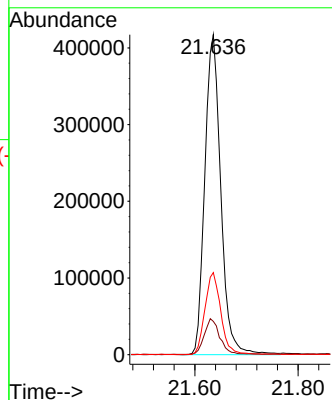
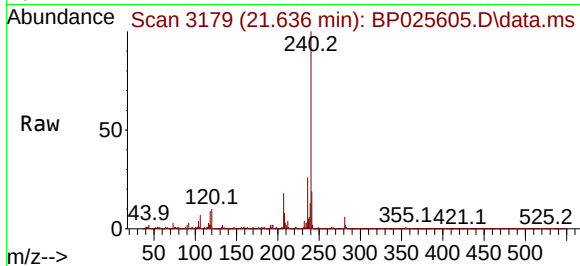




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3181
Delta R.T. -0.012 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

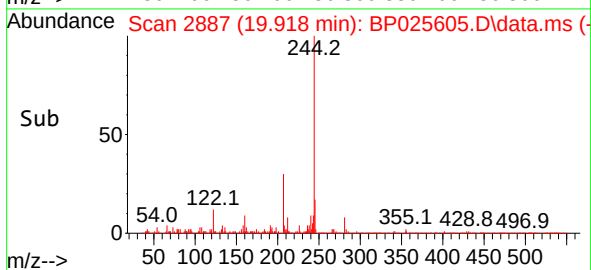
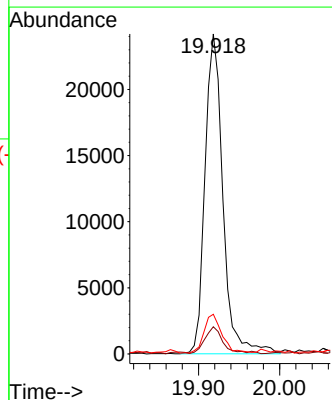
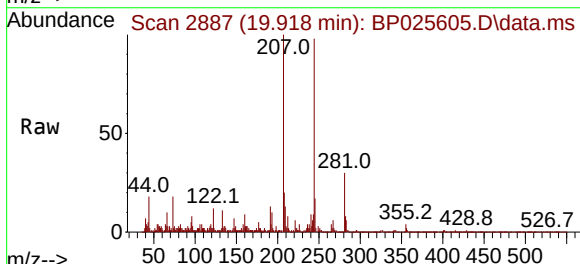
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MW-19B-082125DL2

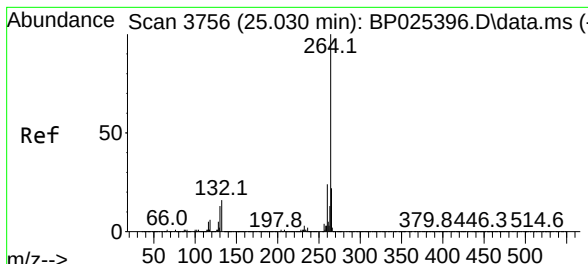
Tgt Ion:240 Resp: 896138
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.6 19.8 29.8



#79
Terphenyl-d14
Concen: 0.757 ng
RT: 19.918 min Scan# 2887
Delta R.T. -0.000 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Tgt Ion:244 Resp: 37091
Ion Ratio Lower Upper
244 100
212 8.5 5.8 8.6
122 12.4 7.4 11.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025605.D
Acq: 27 Aug 2025 16:22

Instrument :
BNA_P
ClientSampleId :
MW-19B-082125DL2

Tgt Ion:264 Resp: 1046661

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	22.7	17.4	26.0

