

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
 Data File : BP025606.D
 Acq On : 27 Aug 2025 17:03
 Operator : CG/JU
 Sample : Q2921-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW1

Quant Time: Aug 27 17:27:03 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)

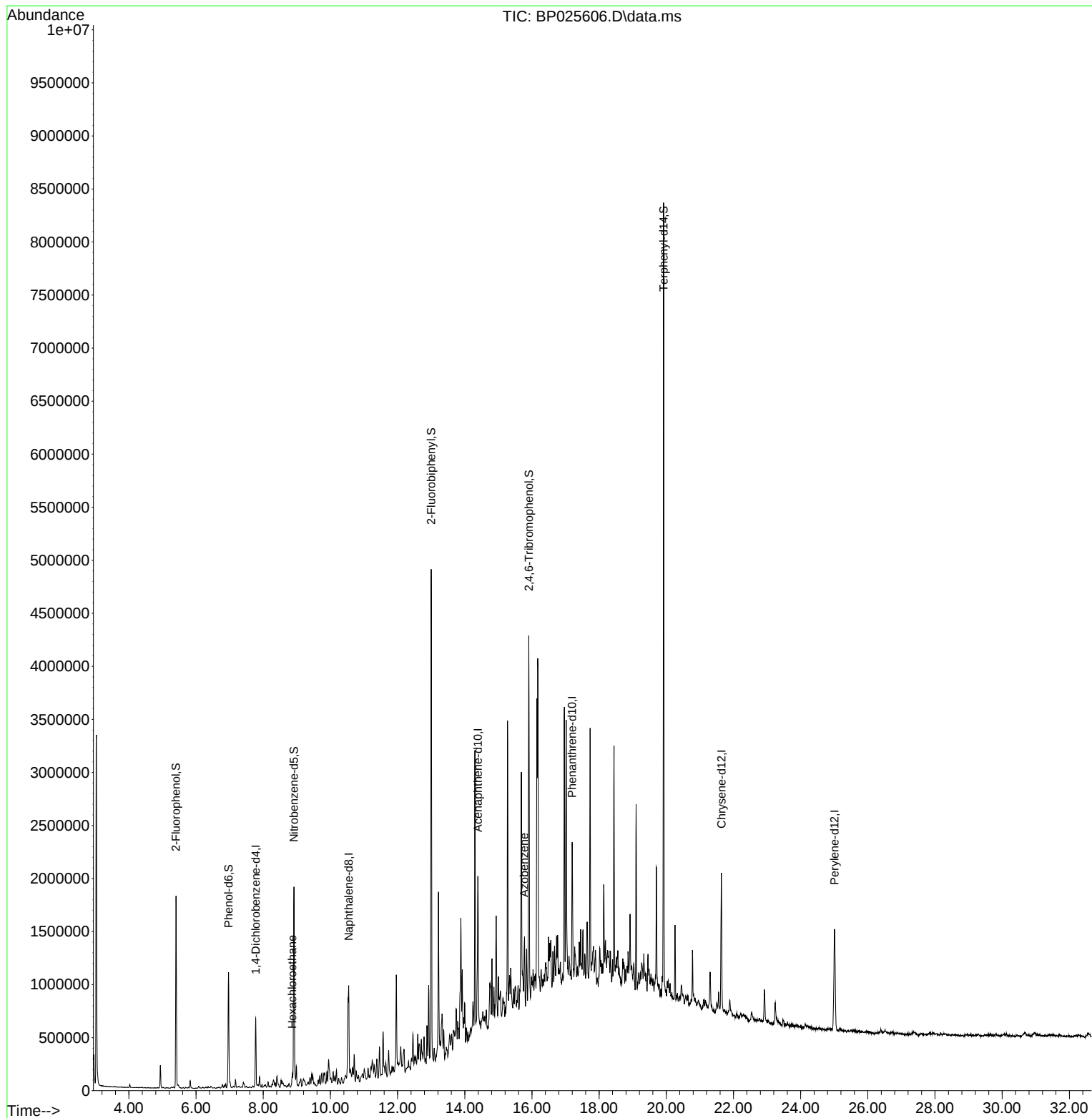
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	180094	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	701721	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	421669	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	799345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	913374	20.000	ng	0.00
86) Perylene-d12	25.007	264	1064567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	809629	74.658	ng	0.00
7) Phenol-d6	6.967	99	665952	47.898	ng	0.00
23) Nitrobenzene-d5	8.913	82	1089756	78.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	712694	125.569	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	2437054	78.988	ng	-0.02
79) Terphenyl-d14	19.919	244	3465681	69.421	ng	0.00
Target Compounds						
18) Hexachloroethane	8.866	117	12288	2.423	ng	# 1
63) Azobenzene	15.772	77	65646	2.443	ng	# 1

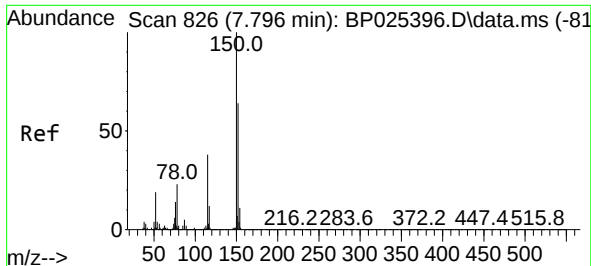
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 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

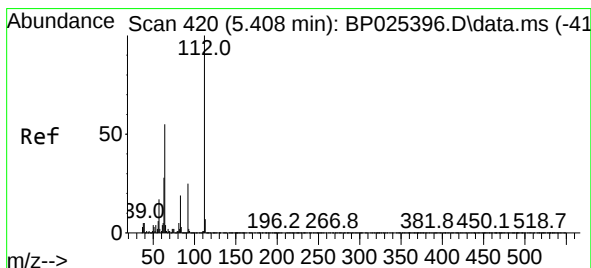
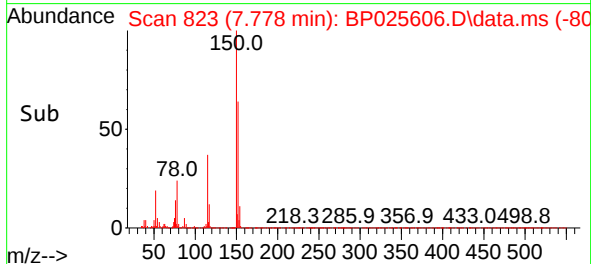
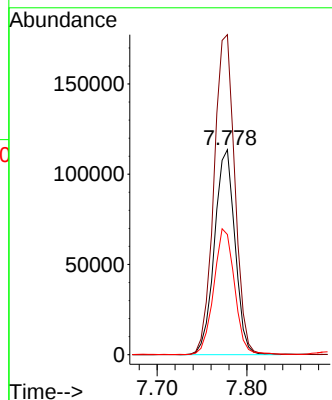
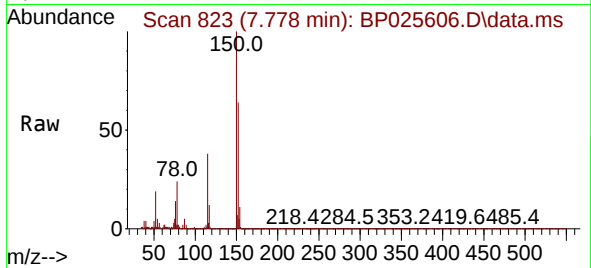




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

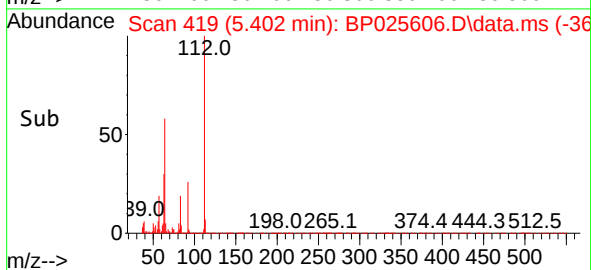
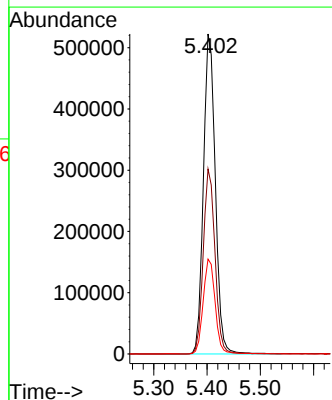
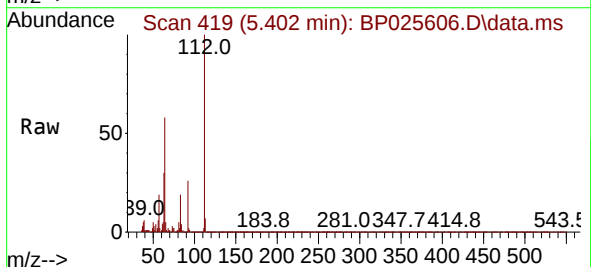
Instrument :
BNA_P
ClientSampleId :
MW1

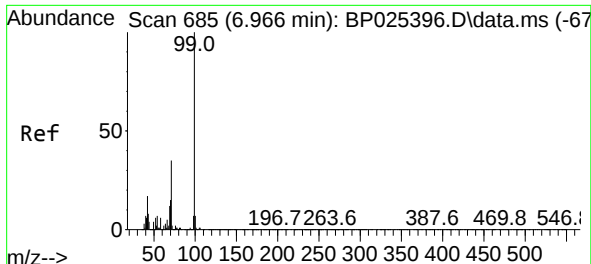
Tgt Ion:152 Resp: 180094
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 58.6 48.5 72.7



#5
2-Fluorophenol
Concen: 74.658 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:112 Resp: 809629
Ion Ratio Lower Upper
112 100
64 57.8 43.8 65.8
63 29.6 22.7 34.1

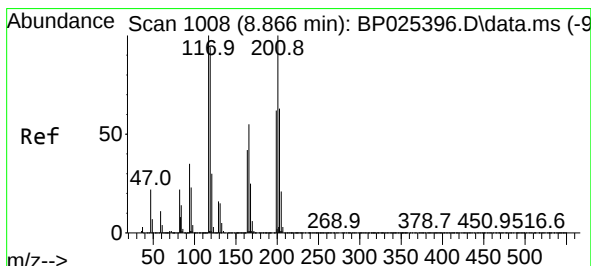
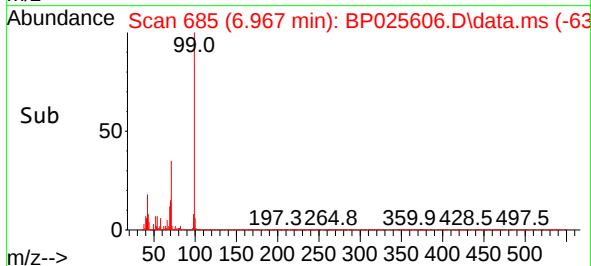
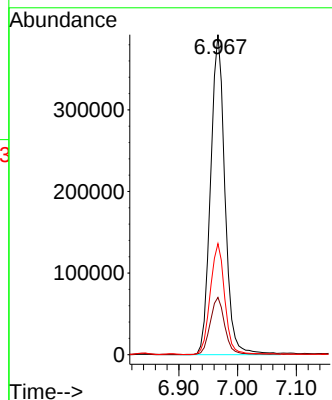
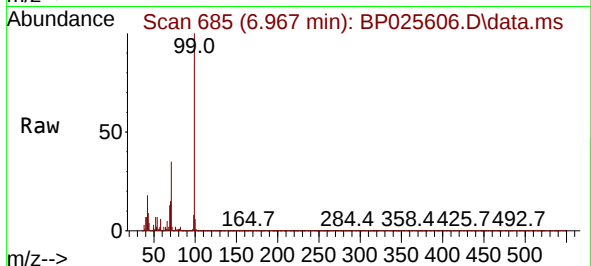




#7
Phenol-d6
Concen: 47.898 ng
RT: 6.967 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

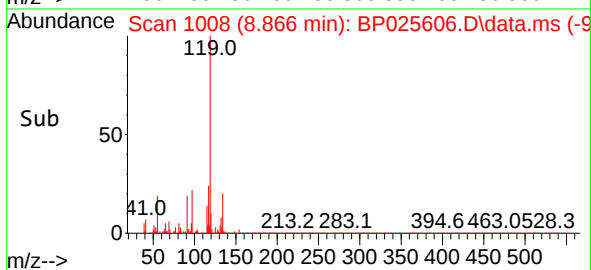
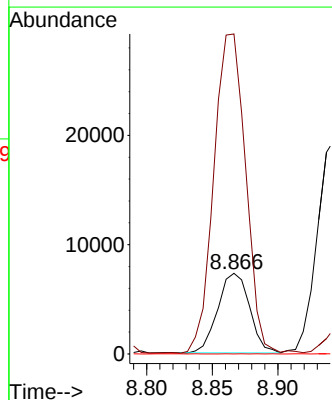
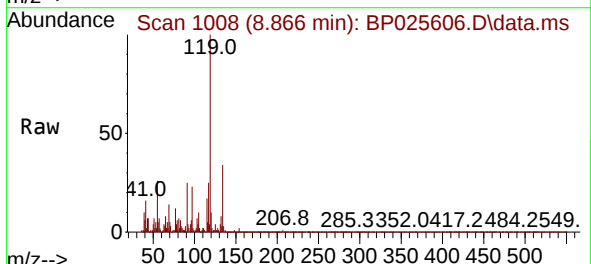
Instrument :
BNA_P
ClientSampleId :
MW1

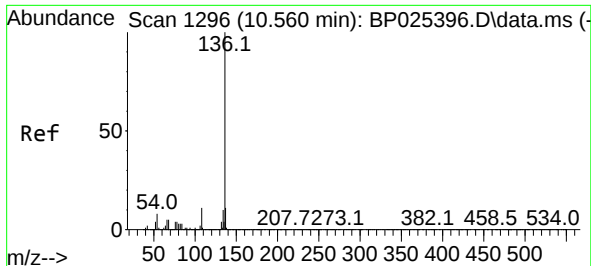
Tgt Ion: 99 Resp: 665952
Ion Ratio Lower Upper
99 100
42 17.9 13.7 20.5
71 34.7 28.2 42.4



#18
Hexachloroethane
Concen: 2.423 ng
RT: 8.866 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion: 117 Resp: 12288
Ion Ratio Lower Upper
117 100
119 396.9 75.1 112.7#
201 0.3 80.1 120.1#

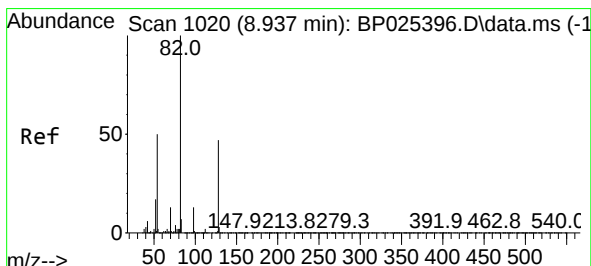
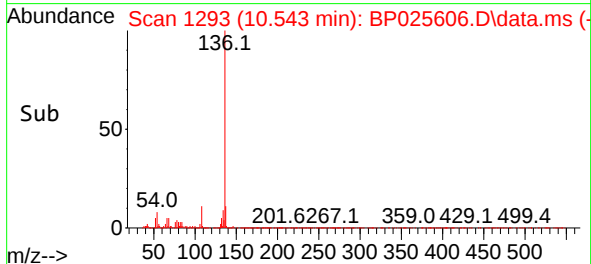
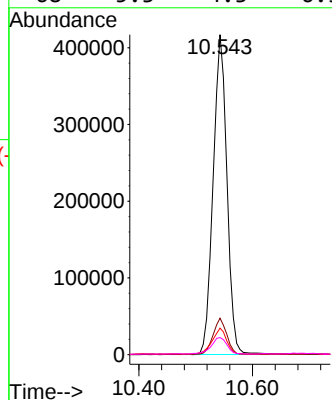
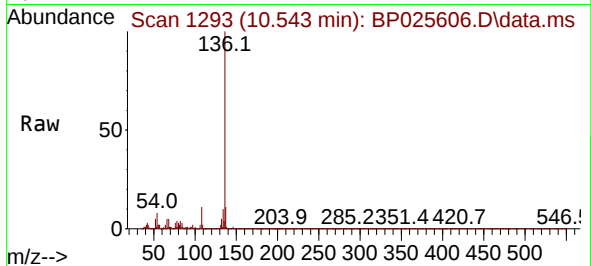




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1016
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

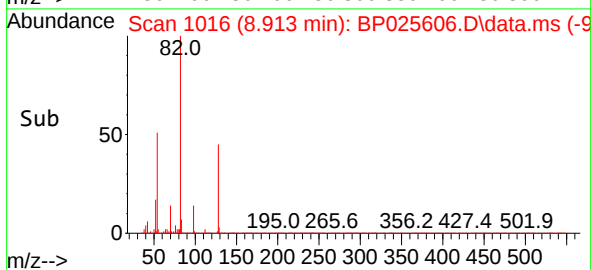
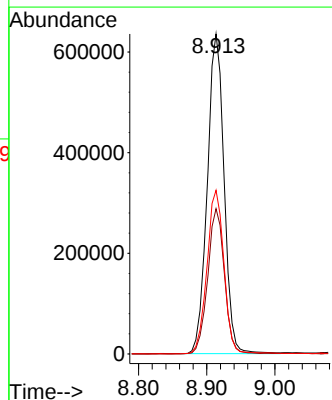
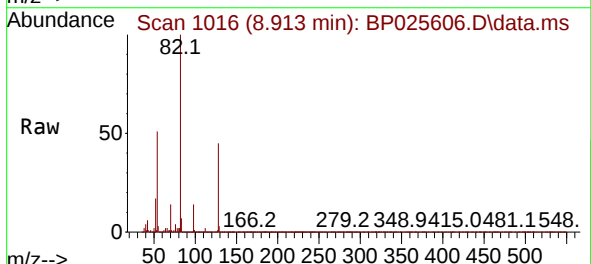
Instrument :
BNA_P
ClientSampleId :
MW1

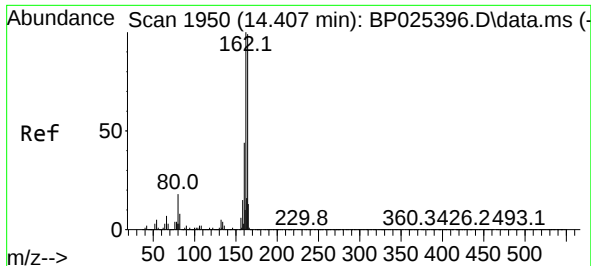
Tgt Ion:	136	Resp:	701721
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.3	6.0	9.0
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 78.558 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:	82	Resp:	1089756
Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.2	39.8	59.6

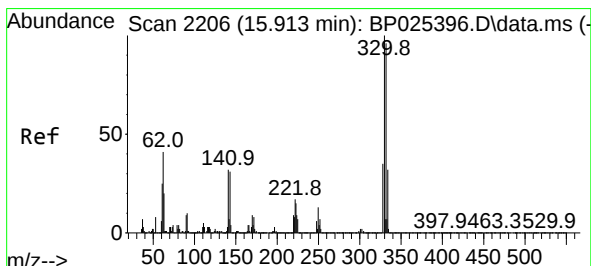
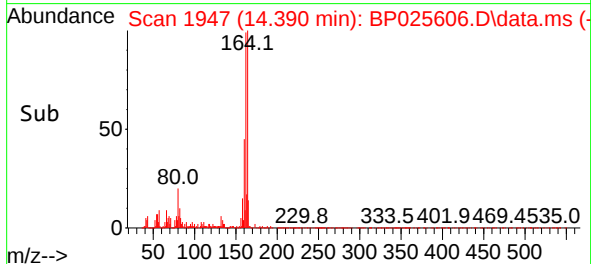
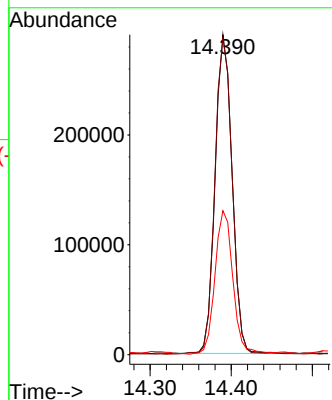
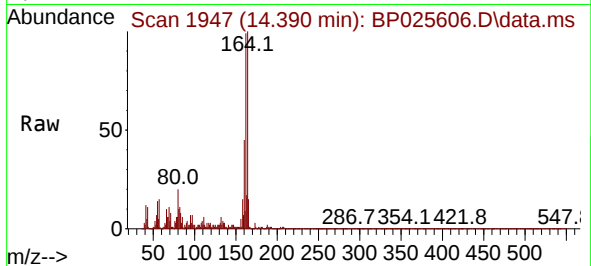




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

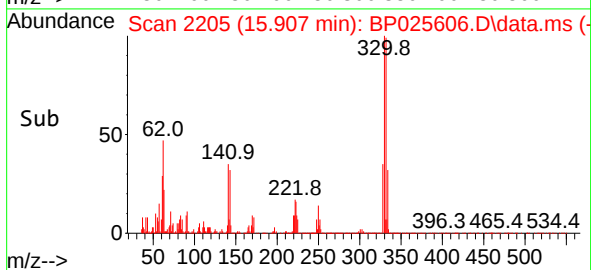
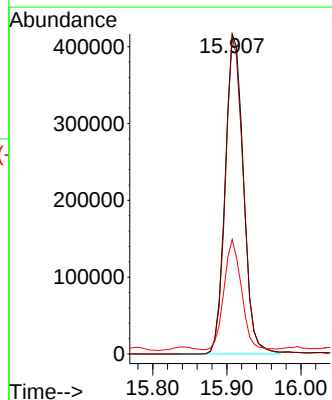
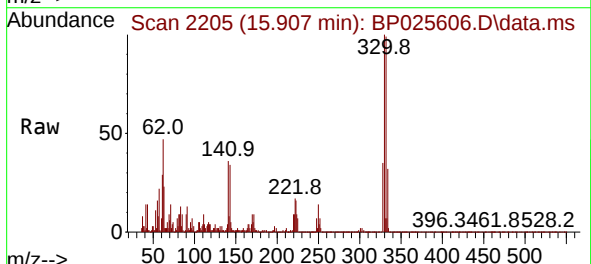
Instrument :
BNA_P
ClientSampleId :
MW1

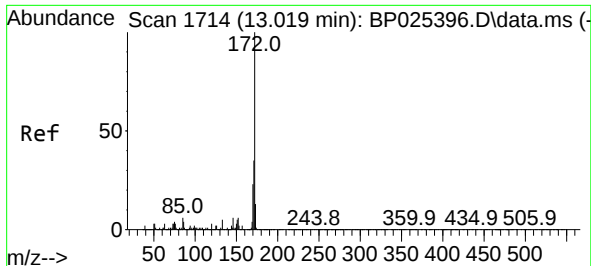
Tgt Ion:164 Resp: 421669
Ion Ratio Lower Upper
164 100
162 99.0 81.0 121.6
160 45.0 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 125.569 ng
RT: 15.907 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:330 Resp: 712694
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 32.8 26.6 39.8

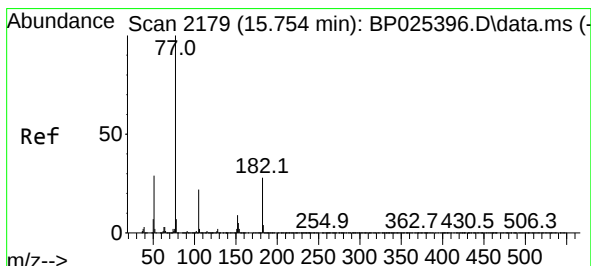
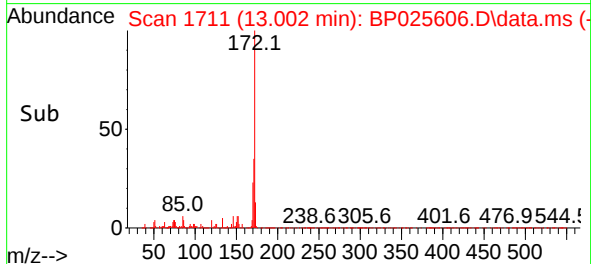
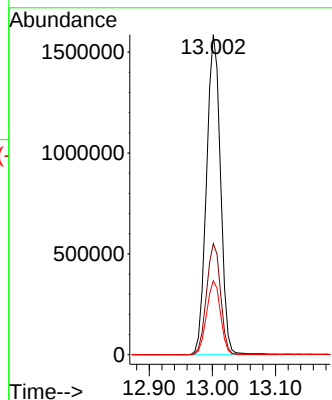
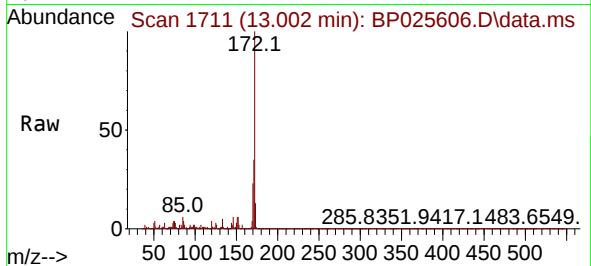




#45
2-Fluorobiphenyl
Concen: 78.988 ng
RT: 13.002 min Scan# 1
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

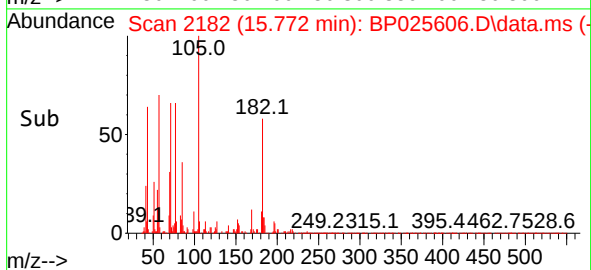
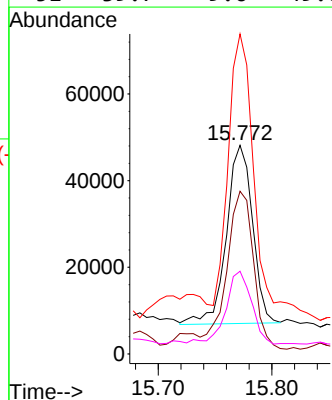
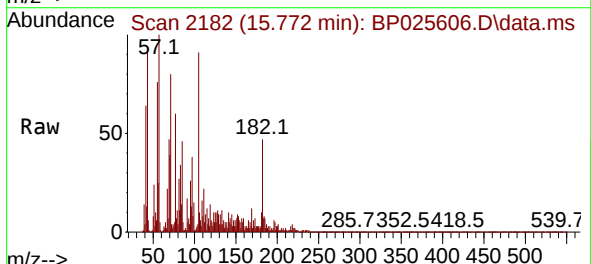
Instrument :
BNA_P
ClientSampleId :
MW1

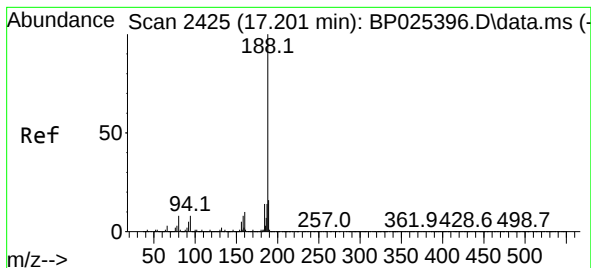
Tgt Ion:172 Resp: 2437054
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.1 18.6 28.0



#63
Azobenzene
Concen: 2.443 ng
RT: 15.772 min Scan# 2182
Delta R.T. 0.018 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion: 77 Resp: 65646
Ion Ratio Lower Upper
77 100
182 78.0 7.5 47.5#
105 153.4 2.1 42.1#
51 39.7 9.6 49.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.195 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

Instrument :

BNA_P

ClientSampleId :

MW1

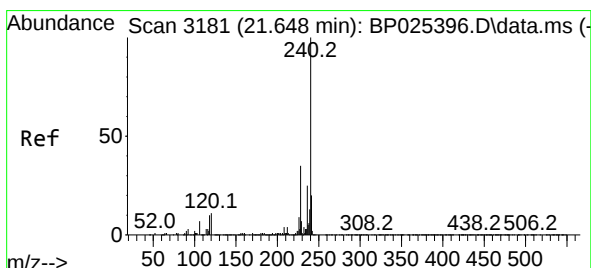
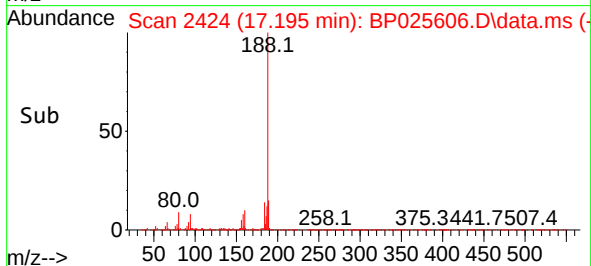
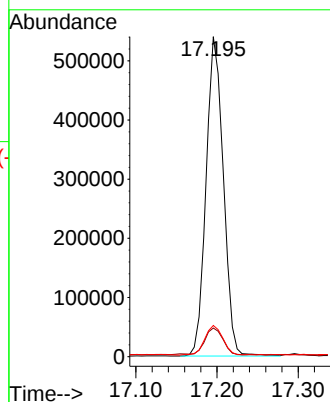
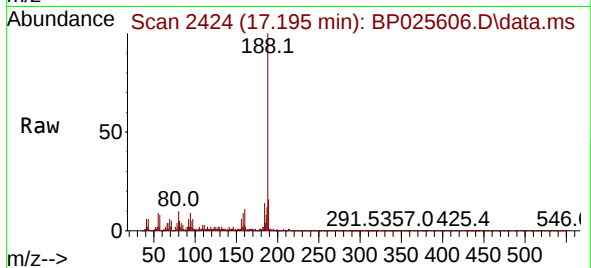
Tgt Ion:188 Resp: 799345

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.8 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.642 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BP025606.D

Acq: 27 Aug 2025 17:03

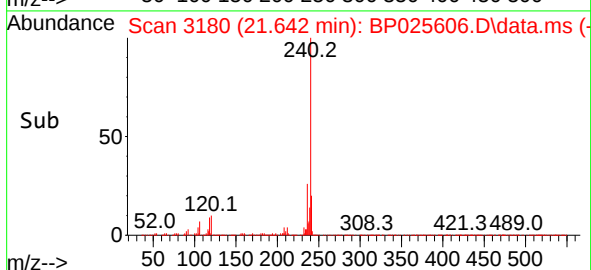
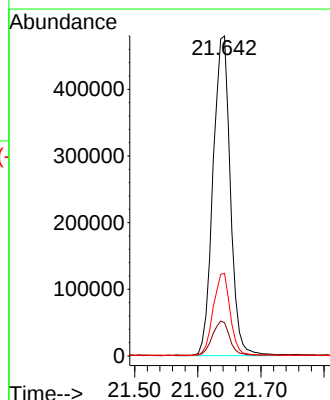
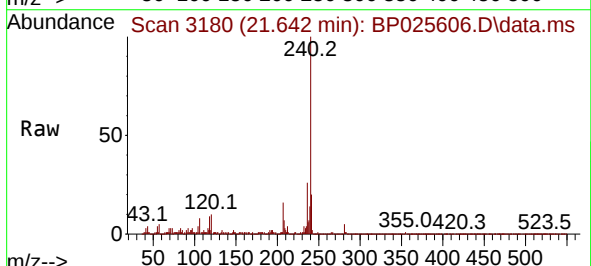
Tgt Ion:240 Resp: 913374

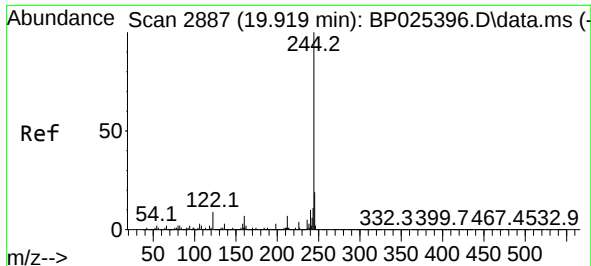
Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

236 25.8 19.8 29.8

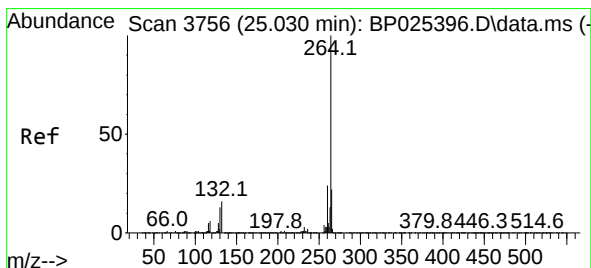
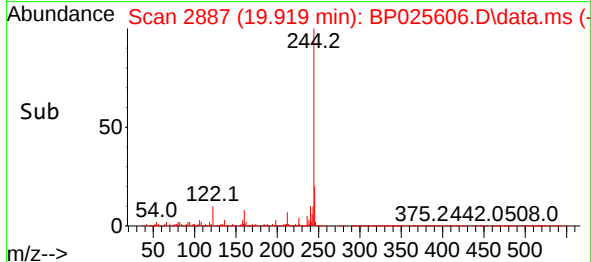
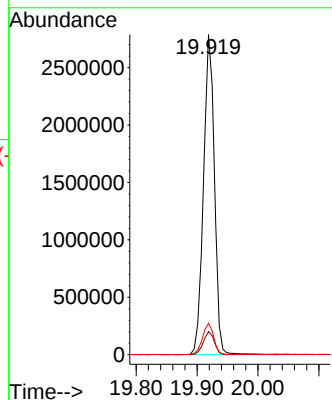
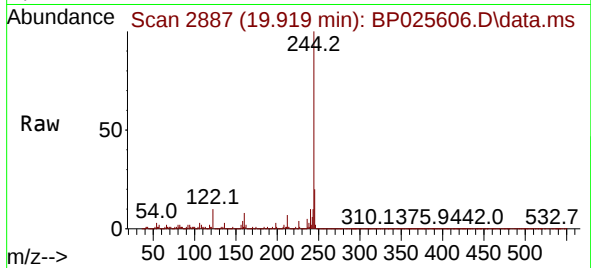




#79
 Terphenyl-d14
 Concen: 69.421 ng
 RT: 19.919 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP025606.D
 Acq: 27 Aug 2025 17:03

Instrument :
 BNA_P
 ClientSampleId :
 MW1

Tgt Ion:244 Resp: 3465681
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.8 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.007 min Scan# 3752
 Delta R.T. -0.023 min
 Lab File: BP025606.D
 Acq: 27 Aug 2025 17:03

Tgt Ion:264 Resp: 1064567
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 22.7 17.4 26.0

