

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025569.D
 Acq On : 25 Aug 2025 17:48
 Operator : CG/JU
 Sample : Q2909-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4065

Quant Time: Aug 25 18:09:45 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)

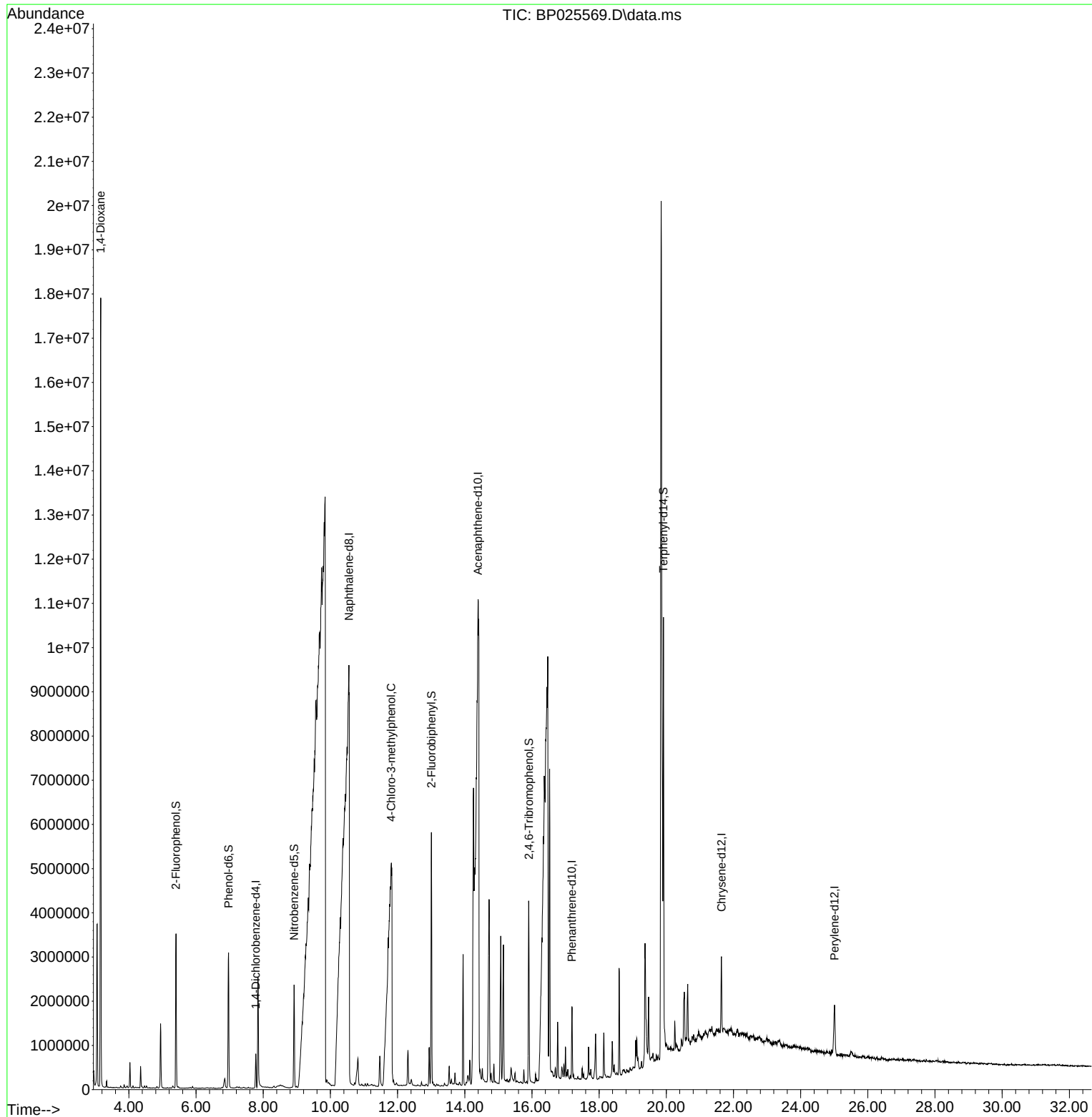
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	210562	20.000	ng	-0.02
21) Naphthalene-d8	10.548	136	656869	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	2983415	20.000	ng	#-0.02
64) Phenanthrene-d10	17.189	188	1042522	20.000	ng	-0.01
76) Chrysene-d12	21.642	240	1046560	20.000	ng	0.00
86) Perylene-d12	25.006	264	1153898	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1505998	118.778	ng	0.00
7) Phenol-d6	6.966	99	1827548	112.425	ng	0.00
23) Nitrobenzene-d5	8.919	82	1323801	101.946	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	897769	22.356	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2981819	13.660	ng	-0.01
79) Terphenyl-d14	19.913	244	4362770	76.269	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	418031	84.172	ng	# 1
36) 4-Chloro-3-methylphenol	11.807	107	539269	46.190	ng	# 19

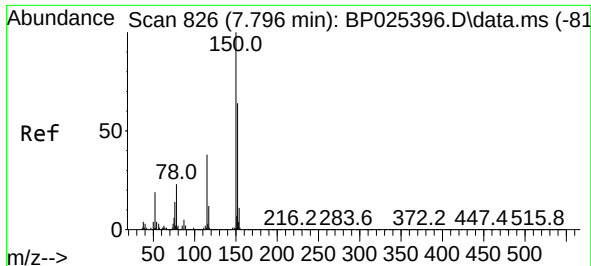
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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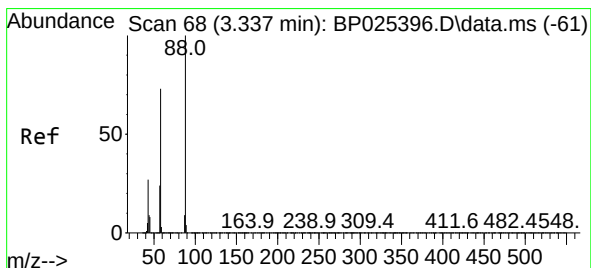
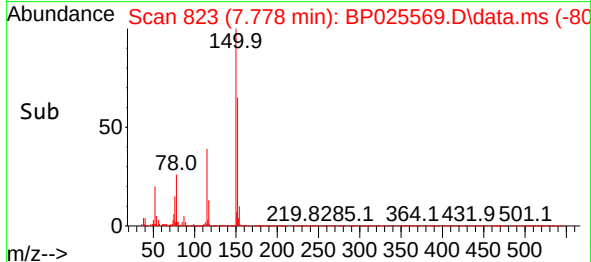
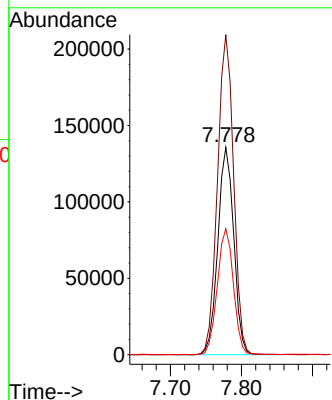
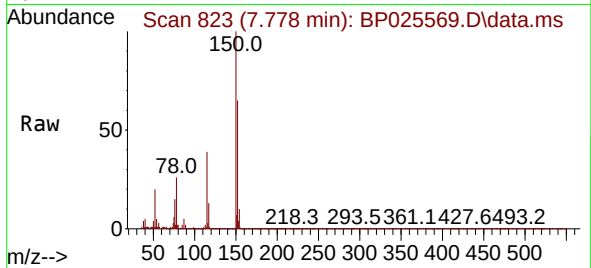




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

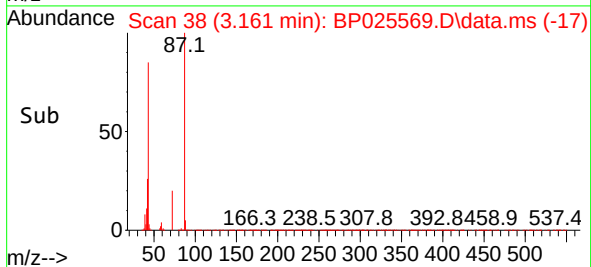
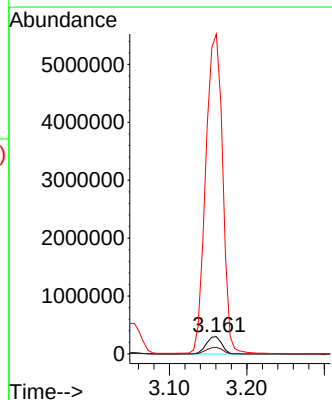
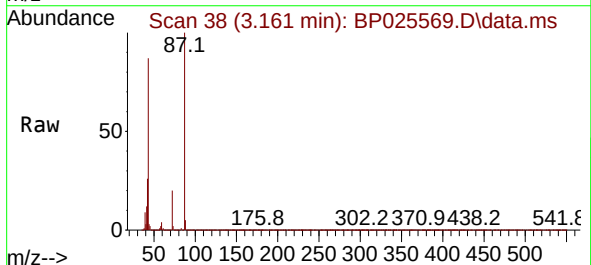
Instrument :
BNA_P
ClientSampleId :
4065

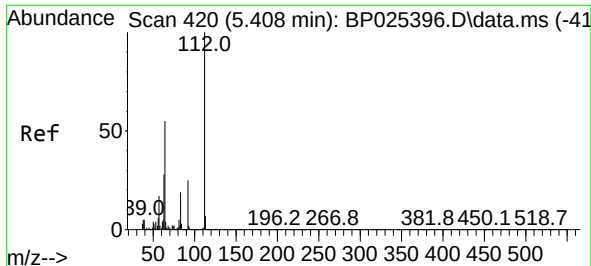
Tgt Ion:152 Resp: 210562
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.7 48.5 72.7



#2
1,4-Dioxane
Concen: 84.172 ng
RT: 3.161 min Scan# 38
Delta R.T. -0.176 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion: 88 Resp: 418031
Ion Ratio Lower Upper
88 100
58 39.7 59.2 88.8#
43 2002.9 21.7 32.5#

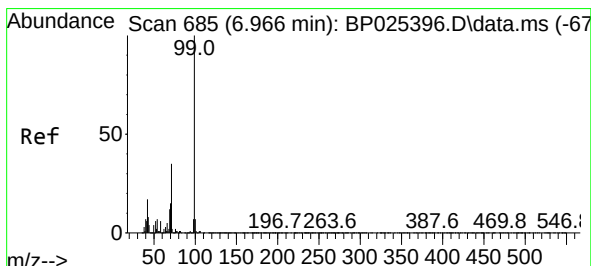
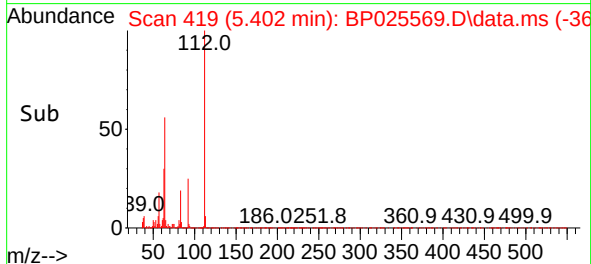
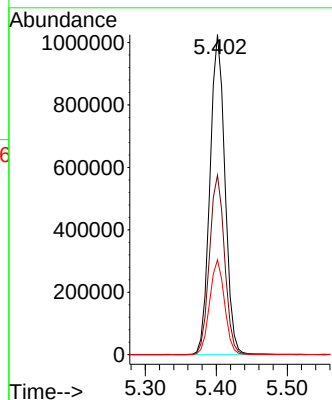
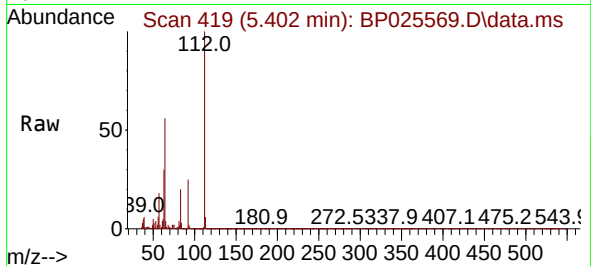




#5
2-Fluorophenol
Concen: 118.778 ng
RT: 5.402 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

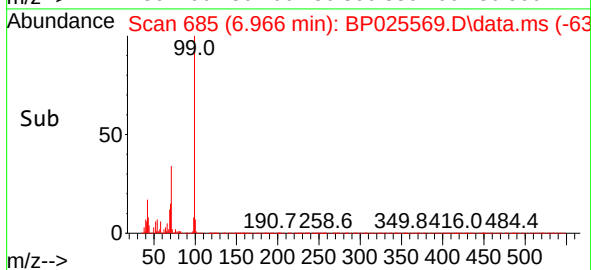
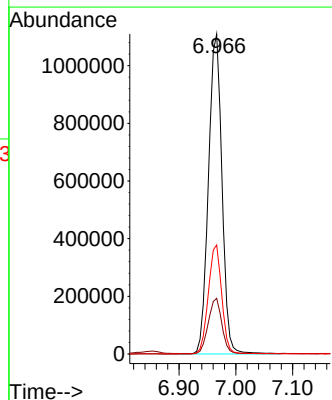
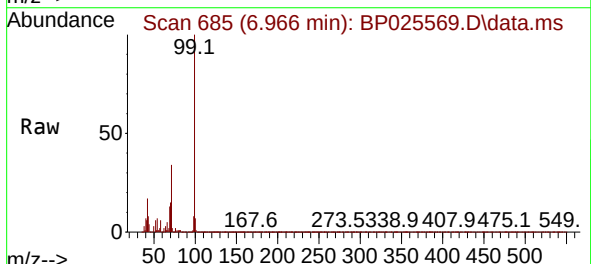
Instrument :
BNA_P
ClientSampleId :
4065

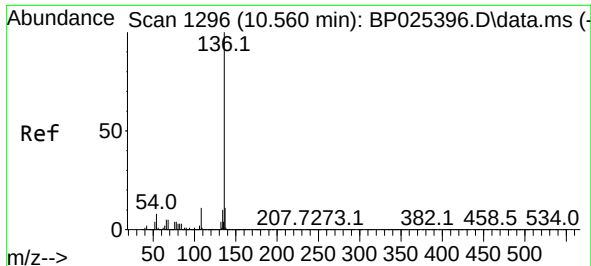
Tgt Ion:112 Resp: 1505998
Ion Ratio Lower Upper
112 100
64 56.1 43.8 65.8
63 29.7 22.7 34.1



#7
Phenol-d6
Concen: 112.425 ng
RT: 6.966 min Scan# 685
Delta R.T. -0.000 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion: 99 Resp: 1827548
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 34.1 28.2 42.4

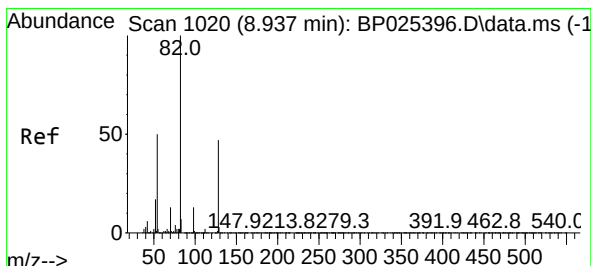
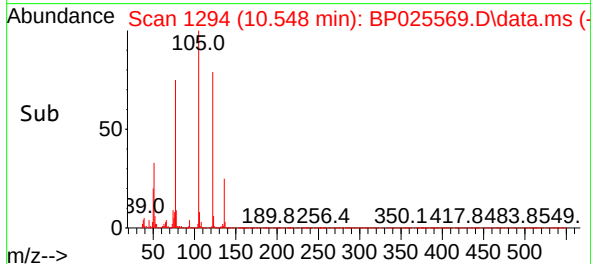
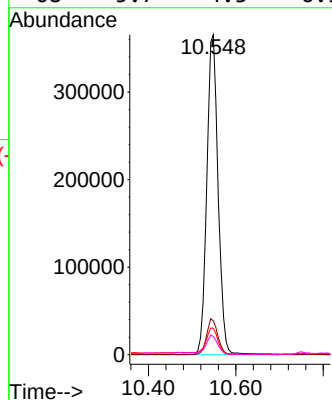
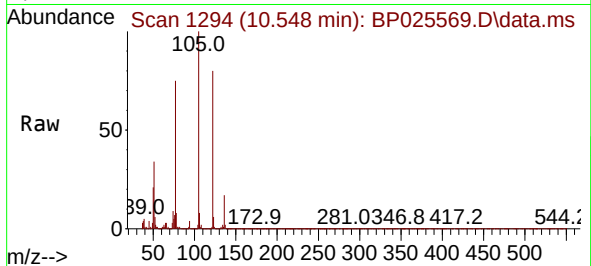




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

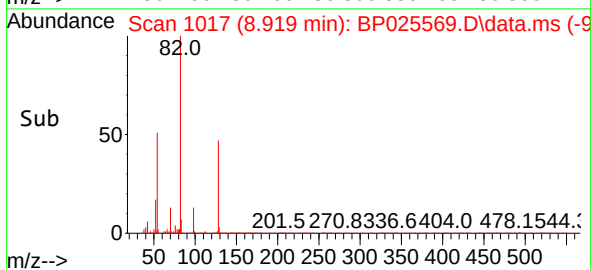
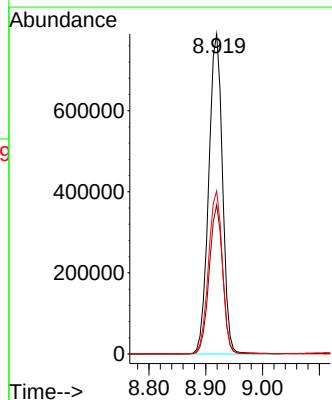
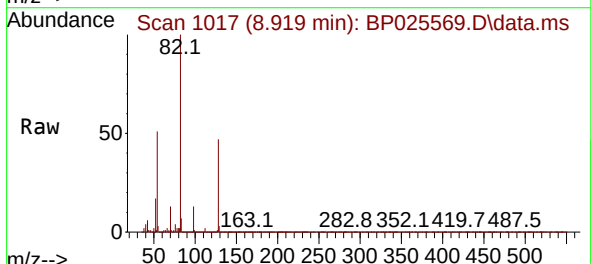
Instrument :
BNA_P
ClientSampleId :
4065

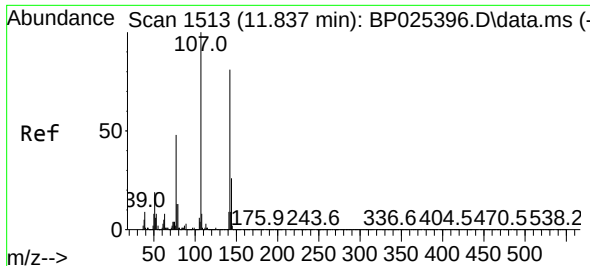
Tgt Ion:	136	Resp:	656869
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.2	6.0	9.0
68	5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 101.946 ng
RT: 8.919 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion:	82	Resp:	1323801
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	51.0	39.8	59.6

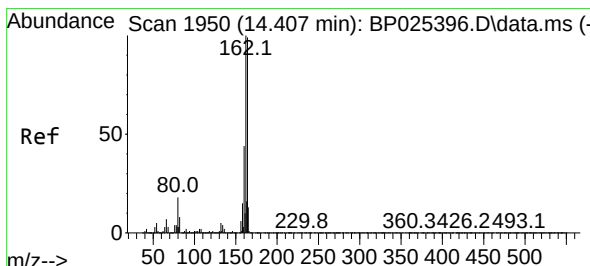
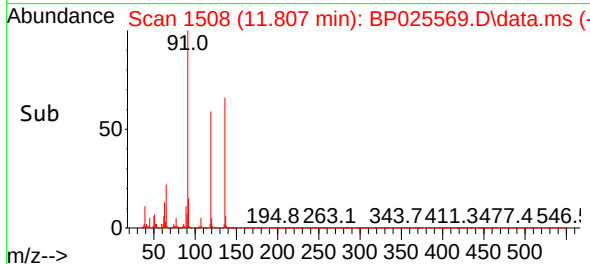
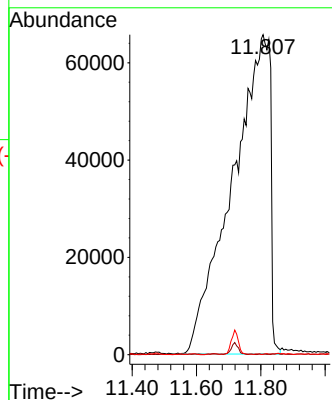
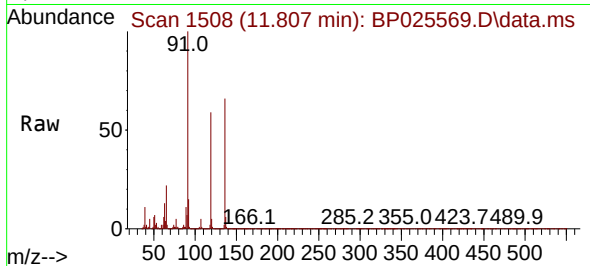




#36
4-Chloro-3-methylphenol
Concen: 46.190 ng
RT: 11.807 min Scan# 11
Delta R.T. -0.029 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

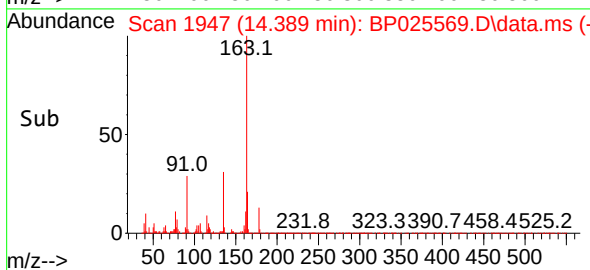
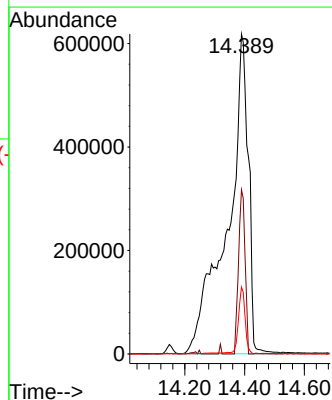
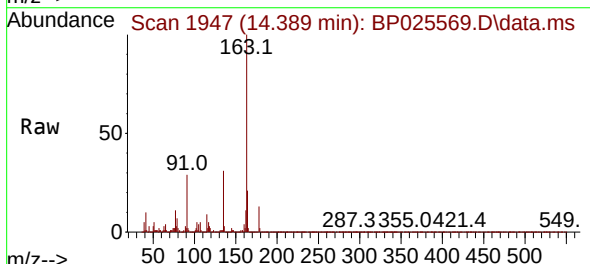
Instrument :
BNA_P
ClientSampleId :
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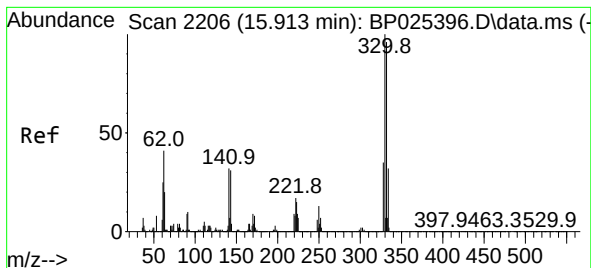
Tgt Ion:107 Resp: 539269
Ion Ratio Lower Upper
107 100
144 0.1 21.0 31.4#
142 0.1 64.6 97.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion:164 Resp: 2983415
Ion Ratio Lower Upper
164 100
162 51.3 81.0 121.6#
160 20.9 35.4 53.2#

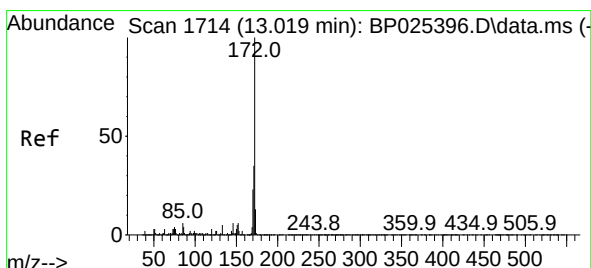
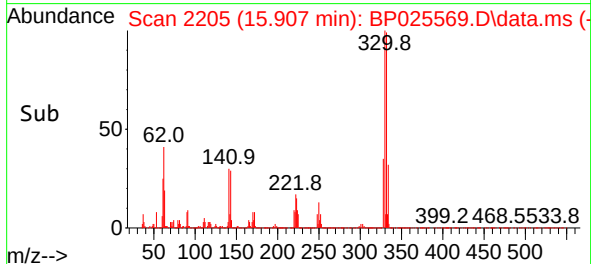
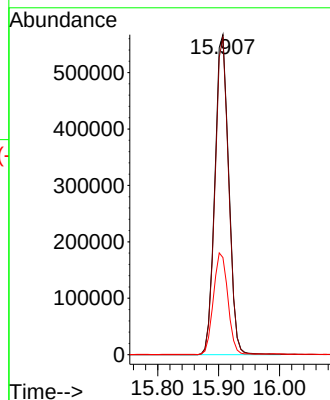
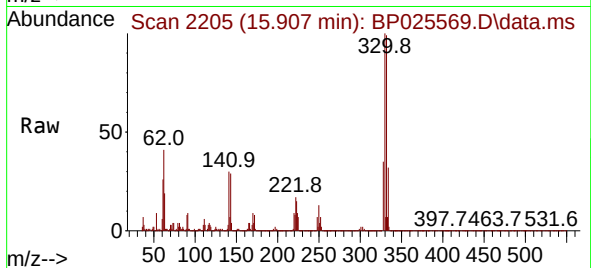




#42
2,4,6-Tribromophenol
Concen: 22.356 ng
RT: 15.907 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

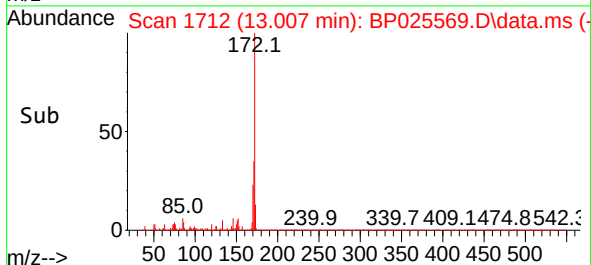
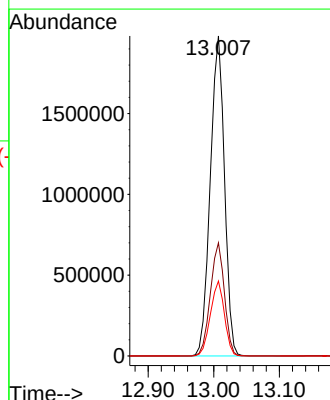
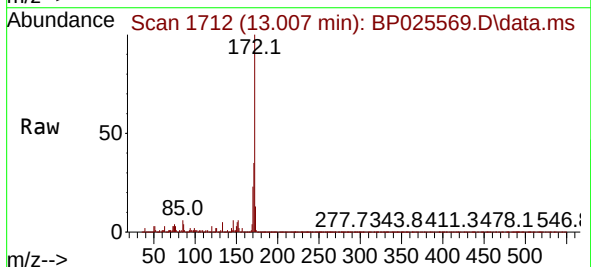
Instrument :
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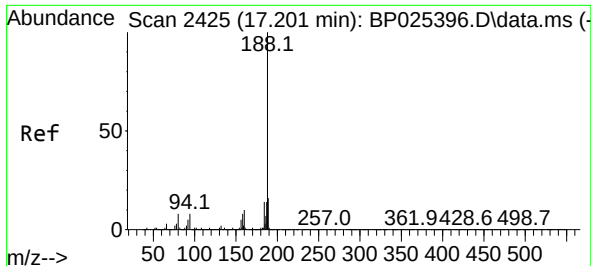
Tgt Ion:330 Resp: 897769
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 32.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 13.660 ng
RT: 13.007 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion:172 Resp: 2981819
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.4 18.6 28.0

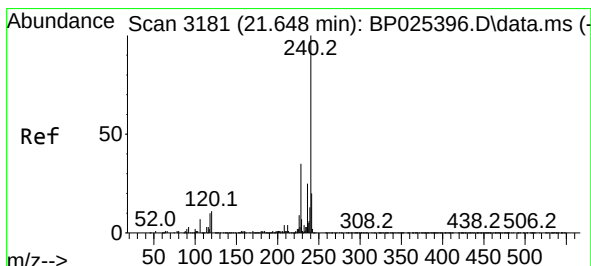
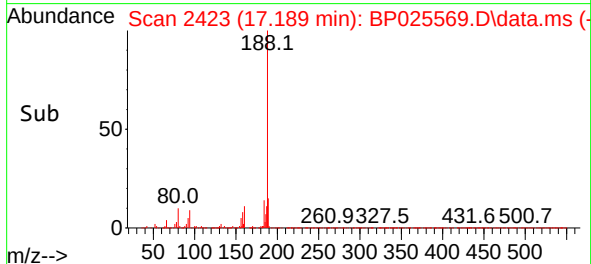
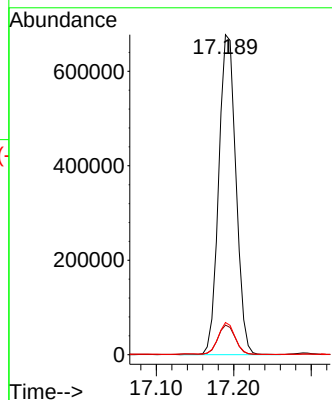
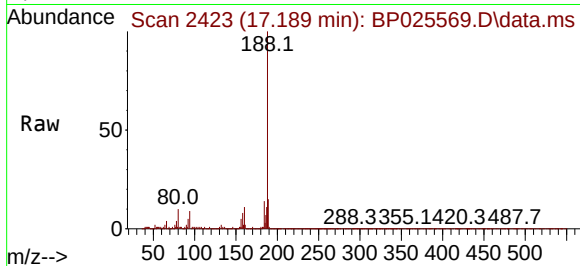




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

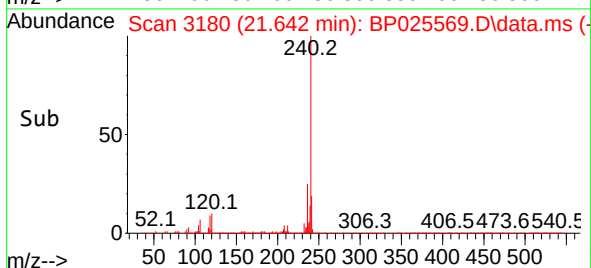
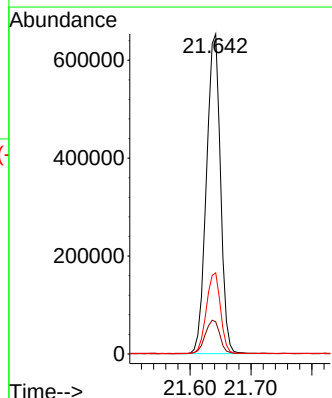
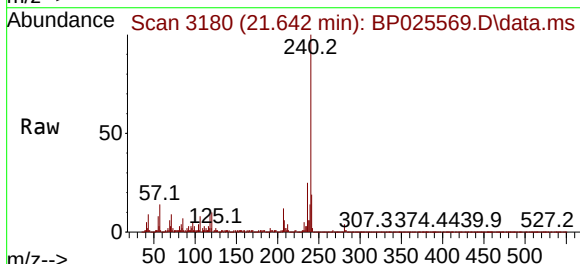
Instrument :
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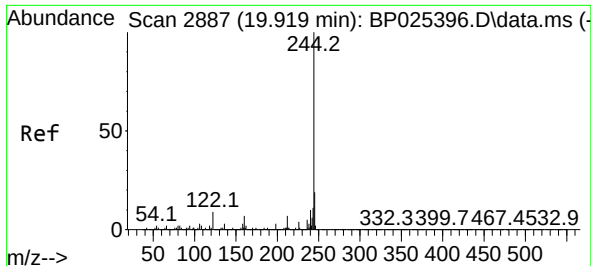
Tgt Ion:188 Resp: 1042522
Ion Ratio Lower Upper
188 100
94 9.3 6.6 10.0
80 10.1 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025569.D
Acq: 25 Aug 2025 17:48

Tgt Ion:240 Resp: 1046560
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 25.4 19.8 29.8

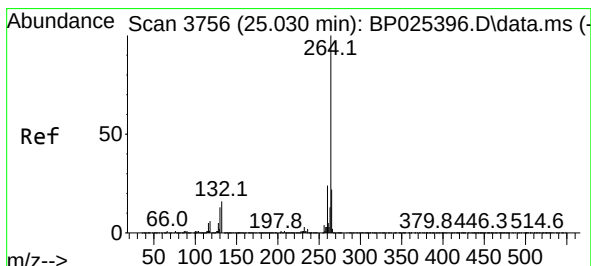
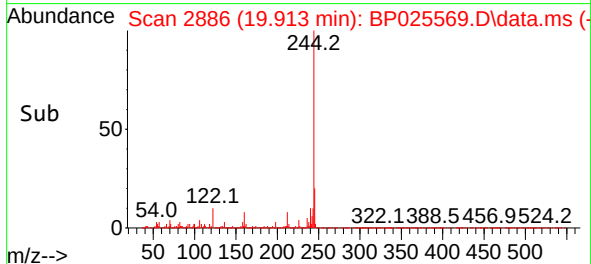
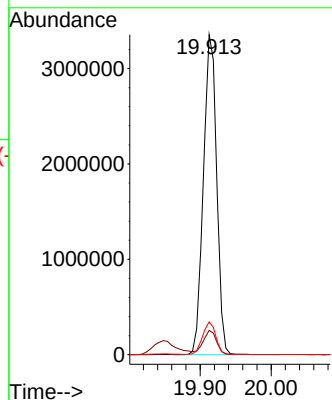
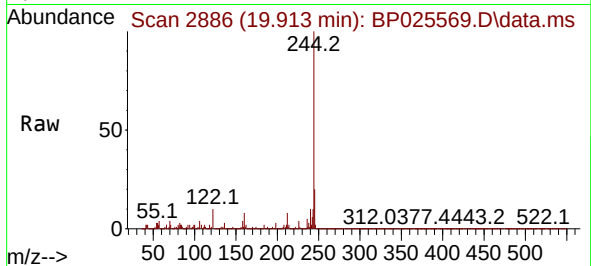




#79
 Terphenyl-d14
 Concen: 76.269 ng
 RT: 19.913 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP025569.D
 Acq: 25 Aug 2025 17:48

Instrument :
 BNA_P
 ClientSampleId :
 4065

Tgt Ion:244 Resp: 4362770
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 10.2 7.4 11.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.006 min Scan# 3752
 Delta R.T. -0.024 min
 Lab File: BP025569.D
 Acq: 25 Aug 2025 17:48

Tgt Ion:264 Resp: 1153898
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.3 28.9
 265 21.5 17.4 26.0

