Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	475755	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2010398	20.000	ng	0.00
39) Acenaphthene-d10	14.078	164	1363058	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2867783	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2918399	20.000	ng	0.01
86) Perylene-d12	24.483	264	3385440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2196567	78.011	ng	0.00
7) Phenol-d6	6.643	99	2861029	82.039	ng	0.00
23) Nitrobenzene-d5	8.566	82	2873708	79.438	ng	0.00
42) 2,4,6-Tribromophenol	15.601	330	1690516	84.128	ng	-0.01
45) 2-Fluorobiphenyl	12.683	172	7739219	80.047	ng	0.00
79) Terphenyl-d14	19.660	244	12492781	84.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	393587	37.296	ng	100
3) Pyridine	3.490	79	1090608	38.607	ng	99
4) n-Nitrosodimethylamine	3.402	42	435495	38.874	ng	95
6) Aniline	6.784	93	1852487	40.638	ng	100
8) 2-Chlorophenol	7.013	128	1296331	40.576	ng	99
9) Benzaldehyde	6.596	77	930250	39.343	ng	99
10) Phenol	6.666	94	1467116	40.566	ng	99
11) bis(2-Chloroethyl)ether	6.878	93	1103356	39.793	ng	99
12) 1,3-Dichlorobenzene	7.325	146	1409952	39.245	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1433228	39.521	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1397689	40.064	ng	100
15) Benzyl Alcohol	7.678	79	1042913	41.459	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.954	45	1399883	39.458	ng	99
17) 2-Methylphenol	7.878	107	1036790	41.350	ng	99
18) Hexachloroethane	8.484	117	493527	39.573	ng	98
19) n-Nitroso-di-n-propyla...	8.231	70	861892	41.082	ng	99
20) 3+4-Methylphenols	8.201	107	1427970	41.751	ng	99
22) Acetophenone	8.243	105	1831992	39.161	ng	99
24) Nitrobenzene	8.607	77	1277454	39.614	ng	97
25) Isophorone	9.131	82	2499307	39.287	ng	99
26) 2-Nitrophenol	9.301	139	754572	40.747	ng	99
27) 2,4-Dimethylphenol	9.384	122	1242956	40.112	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1537420	38.637	ng	100
29) 2,4-Dichlorophenol	9.837	162	1301415	40.880	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1377874	39.627	ng	100
31) Naphthalene	10.231	128	4078359	39.644	ng	100
32) Benzoic acid	9.542	122	1130735	47.799	ng	98
33) 4-Chloroaniline	10.337	127	1843296	40.762	ng	99
34) Hexachlorobutadiene	10.519	225	820021	39.183	ng	100
35) Caprolactam	11.131	113	442265	41.859	ng	97
36) 4-Chloro-3-methylphenol	11.484	107	1343300	42.212	ng	98
37) 2-Methylnaphthalene	11.854	142	2729444	40.859	ng	99
38) 1-Methylnaphthalene	12.072	142	2849738	40.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.231	216	1603484	39.246	ng	99
41) Hexachlorocyclopentadiene	12.213	237	686433	28.144	ng	100
43) 2,4,6-Trichlorophenol	12.478	196	1125399	40.313	ng	100

Quantitation Report (QT Reviewed)

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Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1268169	41.280	ng	99
46) 1,1'-Biphenyl	12.883	154	3899850	39.468	ng	99
47) 2-Chloronaphthalene	12.925	162	3060262	39.669	ng	100
48) 2-Nitroaniline	13.136	65	801067	40.662	ng	98
49) Acenaphthylene	13.789	152	5069233	40.627	ng	100
50) Dimethylphthalate	13.542	163	3841185	39.404	ng	99
51) 2,6-Dinitrotoluene	13.654	165	869516	41.051	ng	99
52) Acenaphthene	14.142	154	2905616	40.271	ng	99
53) 3-Nitroaniline	13.983	138	989939	41.445	ng	98
54) 2,4-Dinitrophenol	14.201	184	388691	30.972	ng	99
55) Dibenzofuran	14.483	168	4751994	40.773	ng	99
56) 4-Nitrophenol	14.325	139	863006	42.223	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1246666	42.047	ng	97
58) Fluorene	15.154	166	3806233	41.137	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1149936	42.296	ng	99
60) Diethylphthalate	14.942	149	3976402	41.387	ng	100
61) 4-Chlorophenyl-phenyle...	15.160	204	1882300	40.260	ng	98
62) 4-Nitroaniline	15.172	138	1023508	42.134	ng	97
63) Azobenzene	15.460	77	3266015	41.714	ng	97
65) 4,6-Dinitro-2-methylph...	15.242	198	581859	31.439	ng	96
66) n-Nitrosodiphenylamine	15.377	169	3454679	39.689	ng	100
67) 4-Bromophenyl-phenylether	16.066	248	1298184	38.788	ng	99
68) Hexachlorobenzene	16.183	284	1585091	39.880	ng	98
69) Atrazine	16.377	200	1295226	40.212	ng	100
70) Pentachlorophenol	16.548	266	1118886	41.397	ng	100
71) Phenanthrene	16.942	178	6216763	40.193	ng	100
72) Anthracene	17.036	178	6397046	41.055	ng	100
73) Carbazole	17.319	167	5947679	39.986	ng	99
74) Di-n-butylphthalate	17.942	149	7287726	42.462	ng	100
75) Fluoranthene	19.048	202	7323528	40.231	ng	99
77) Benzidine	19.254	184	4620449	45.096	ng	99
78) Pyrene	19.424	202	7452139	41.413	ng	99
80) Butylbenzylphthalate	20.412	149	3474816	42.660	ng	99
81) Benzo(a)anthracene	21.318	228	7258836	39.386	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	3081562	40.337	ng	100
83) Chrysene	21.383	228	6904059	40.130	ng	100
84) Bis(2-ethylhexyl)phtha...	21.301	149	5131749	44.060	ng	100
85) Di-n-octyl phthalate	22.512	149	8746357	43.487	ng	99
87) Indeno(1,2,3-cd)pyrene	28.012	276	9674949m	39.107	ng	
88) Benzo(b)fluoranthene	23.495	252	7728646	39.882	ng	100
89) Benzo(k)fluoranthene	23.571	252	7546215	39.445	ng	99
90) Benzo(a)pyrene	24.342	252	7480970	39.566	ng	100
91) Dibenzo(a,h)anthracene	28.100	278	7830236	38.794	ng	99
92) Benzo(g,h,i)perylene	29.112	276	7622690	38.429	ng	99

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

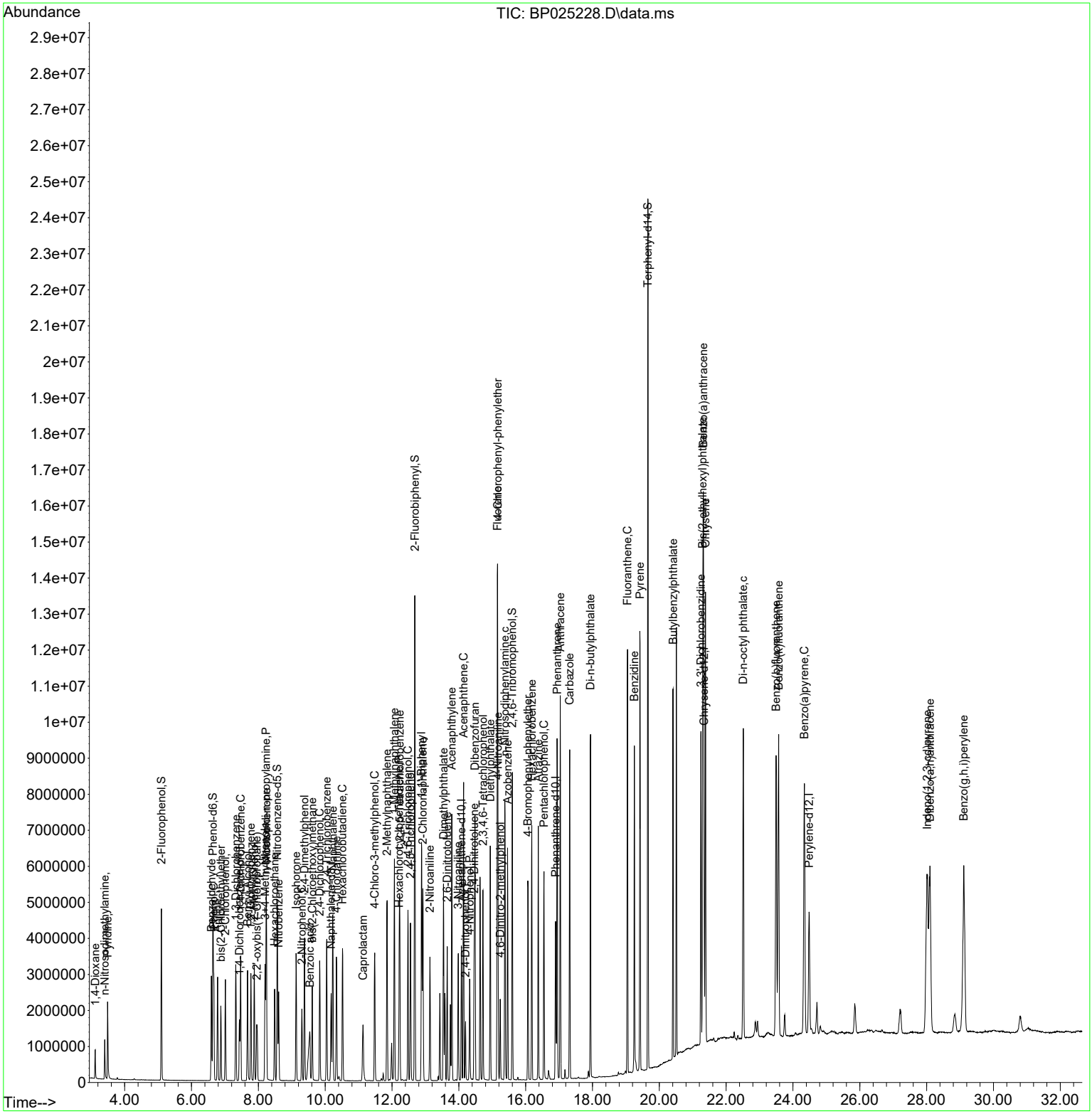
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072325\
Data File : BP025228.D
Acq On : 23 Jul 2025 18:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

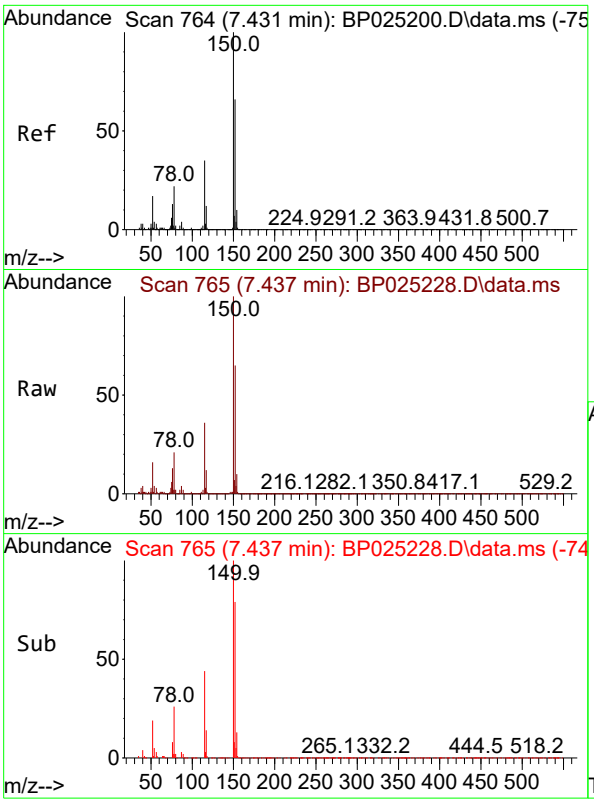
Quant Time: Jul 23 18:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 22 02:55:21 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/24/2025
Supervised By :Jagrut Upadhyay 07/24/2025

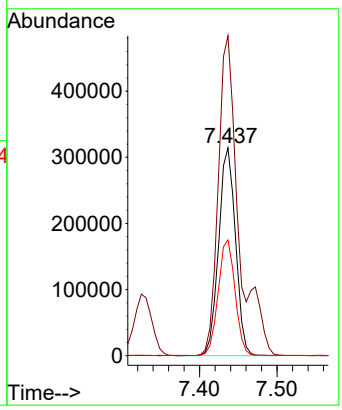




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 47575

Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.9	182.9
115	55.7	43.0	64.6



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED

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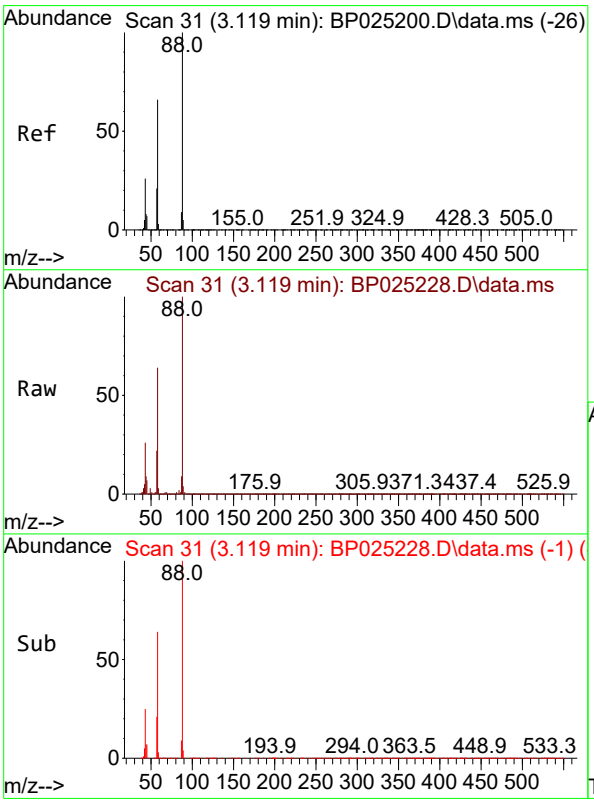
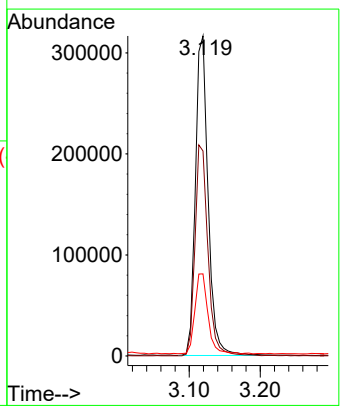
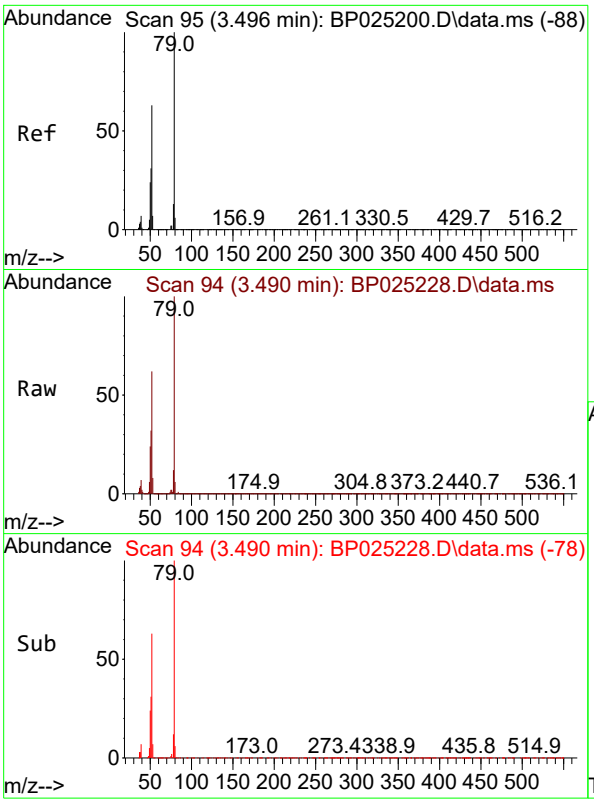


#2
1,4-Dioxane
Concen: 37.296 ng
RT: 3.119 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 88 Resp: 393587

Ion	Ratio	Lower	Upper
88	100		
58	67.0	53.5	80.3
43	25.7	20.8	31.2

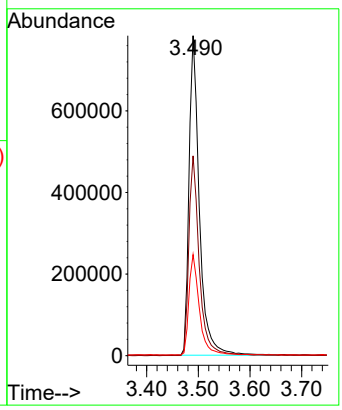




#3
Pyridine
Concen: 38.607 ng
RT: 3.490 min Scan# 94
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 79 Resp: 109060

Ion	Ratio	Lower	Upper
79	100		
52	62.5	50.2	75.4
51	31.6	25.0	37.4



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations
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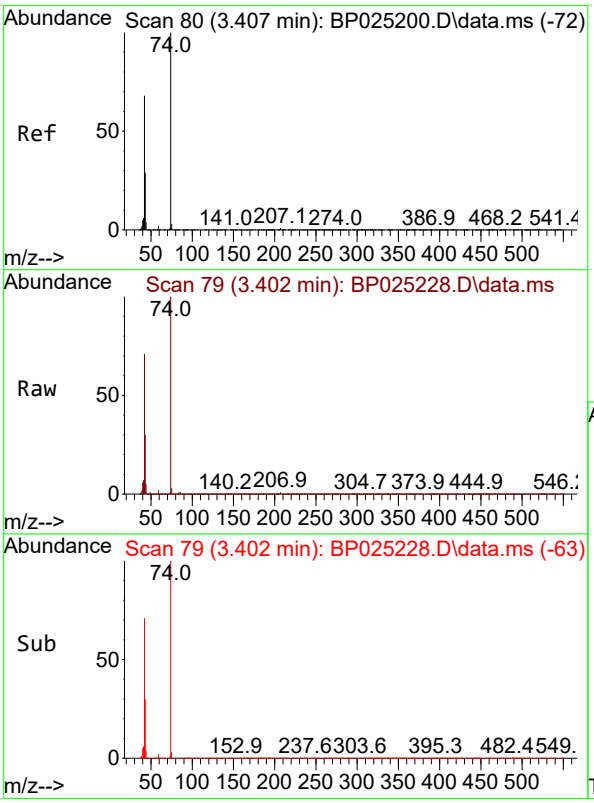
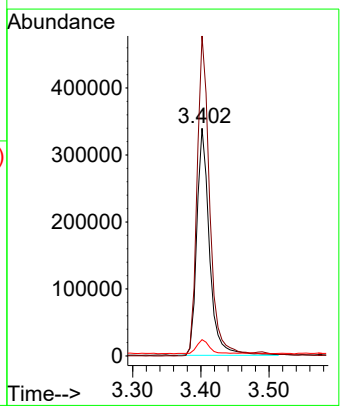
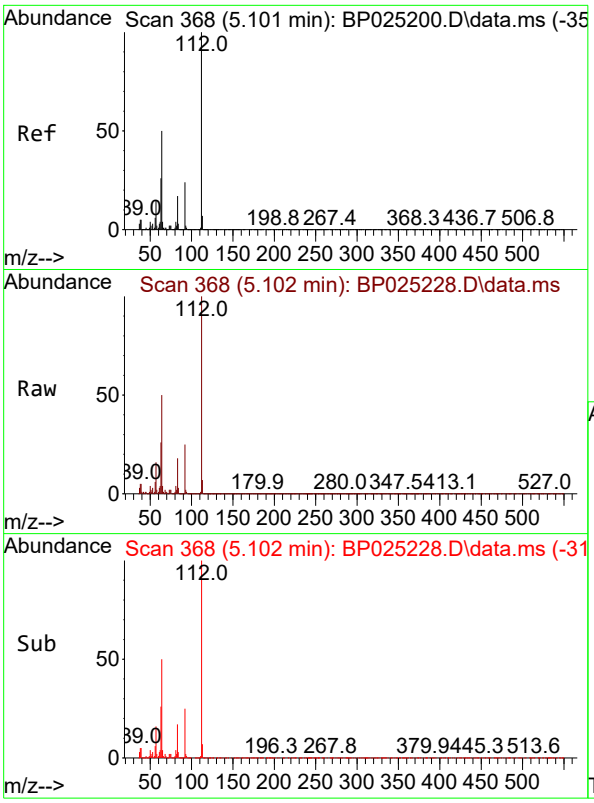


#4
n-Nitrosodimethylamine
Concen: 38.874 ng
RT: 3.402 min Scan# 79
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 42 Resp: 435495

Ion	Ratio	Lower	Upper
42	100		
74	140.6	118.0	177.0
44	7.2	5.5	8.3

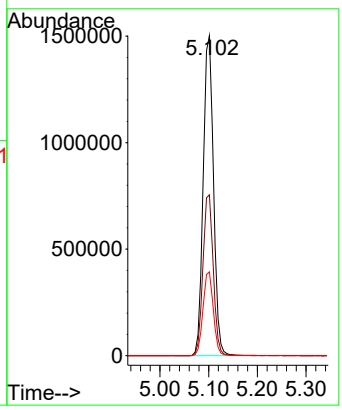




#5
2-Fluorophenol
Concen: 78.011 ng
RT: 5.102 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:112 Resp: 219656

Ion	Ratio	Lower	Upper
112	100		
64	50.3	39.8	59.6
63	26.2	20.5	30.7



Instrument :
BNA_P
ClientSampleId :
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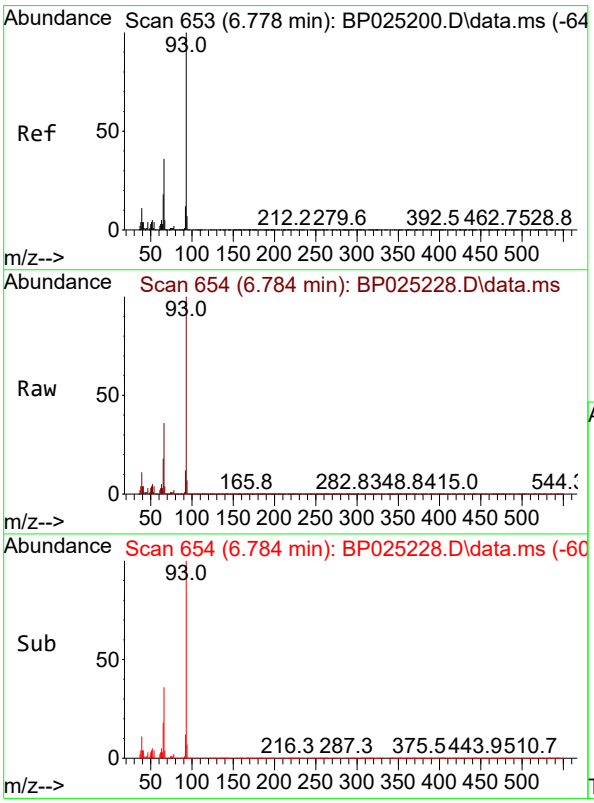
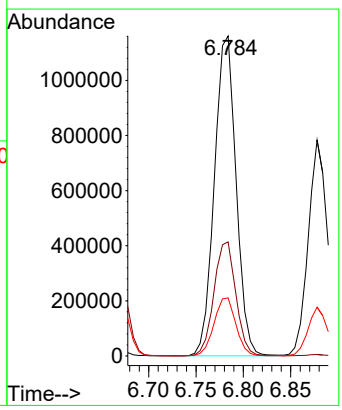
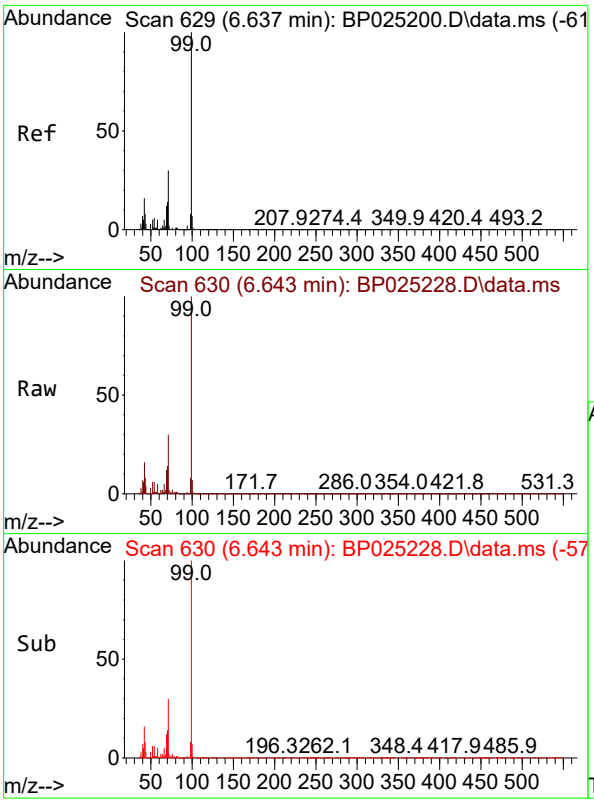


#6
Aniline
Concen: 40.638 ng
RT: 6.784 min Scan# 654
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1852487

Ion	Ratio	Lower	Upper
93	100		
66	35.7	28.6	43.0
65	18.2	14.6	21.8

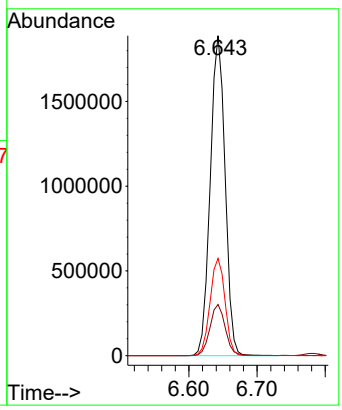




#7
Phenol-d6
Concen: 82.039 ng
RT: 6.643 min Scan# 6
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 99 Resp: 286102

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.5	18.7
71	30.4	24.2	36.2



Instrument :
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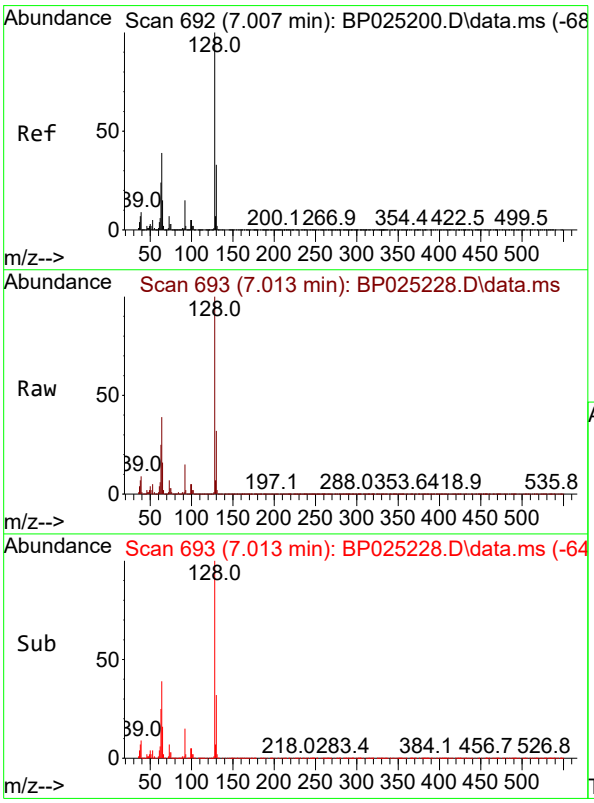
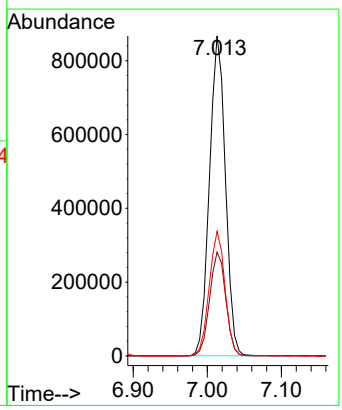
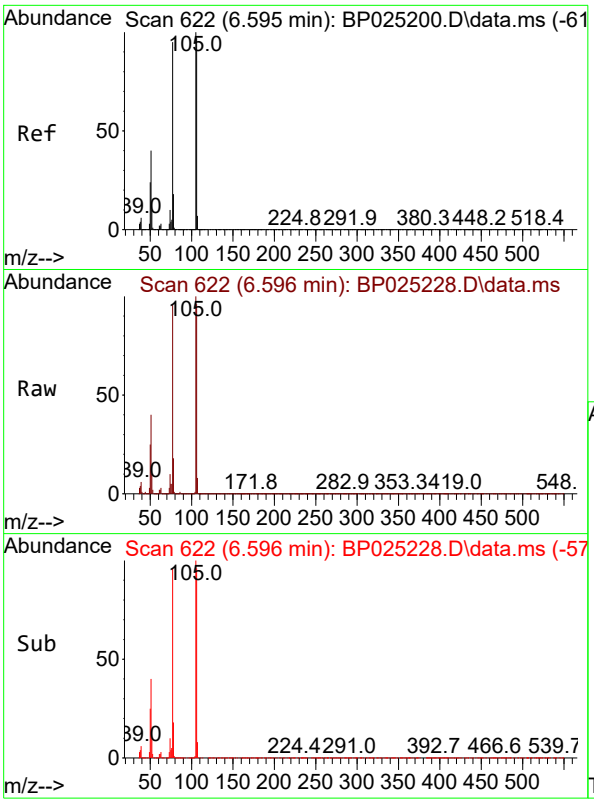


#8
2-Chlorophenol
Concen: 40.576 ng
RT: 7.013 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 1296331

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	38.9	19.2	59.2

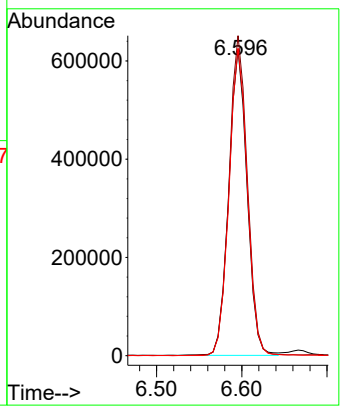




#9
Benzaldehyde
Concen: 39.343 ng
RT: 6.596 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 93025

Ion	Ratio	Lower	Upper
77	100		
105	104.5	85.5	125.5
106	100.4	81.9	121.9



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ClientSampleId :
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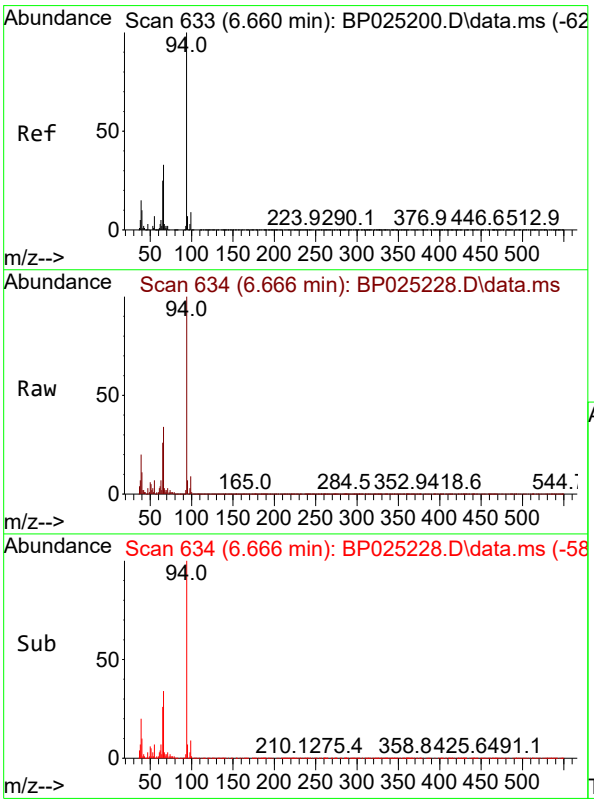
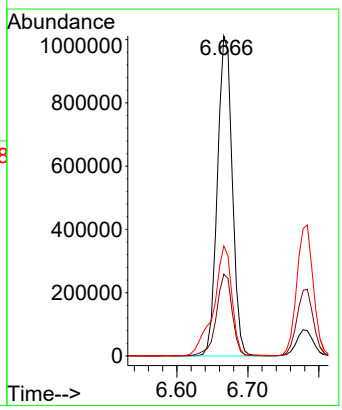
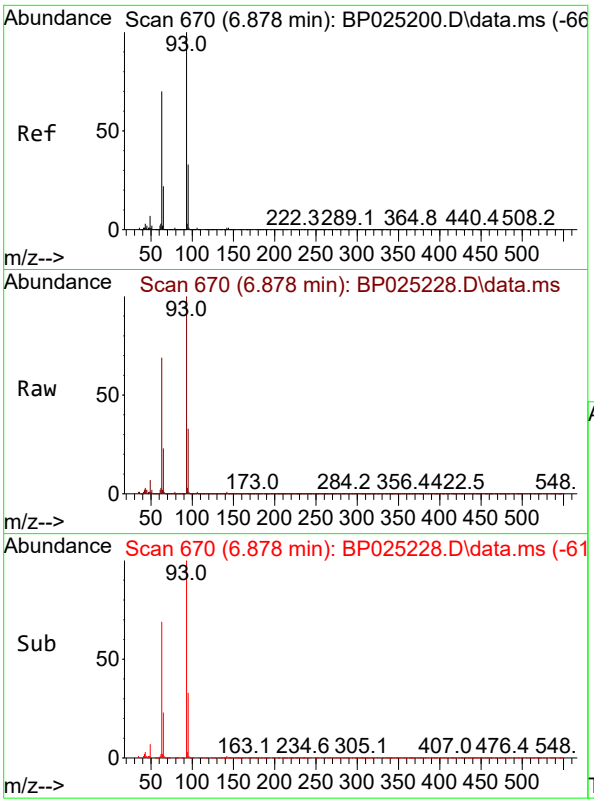


#10
Phenol
Concen: 40.566 ng
RT: 6.666 min Scan# 634
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 94 Resp: 1467116

Ion	Ratio	Lower	Upper
94	100		
65	25.5	5.4	45.4
66	34.4	13.5	53.5

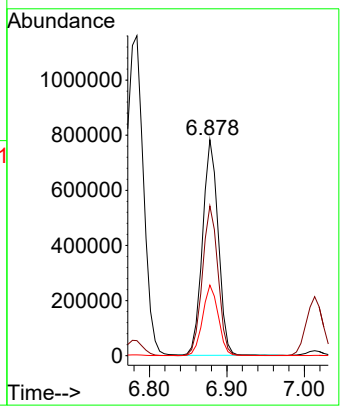




#11
bis(2-Chloroethyl)ether
Concen: 39.793 ng
RT: 6.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 110335

Ion	Ratio	Lower	Upper
93	100		
63	69.4	50.0	90.0
95	32.7	12.9	52.9



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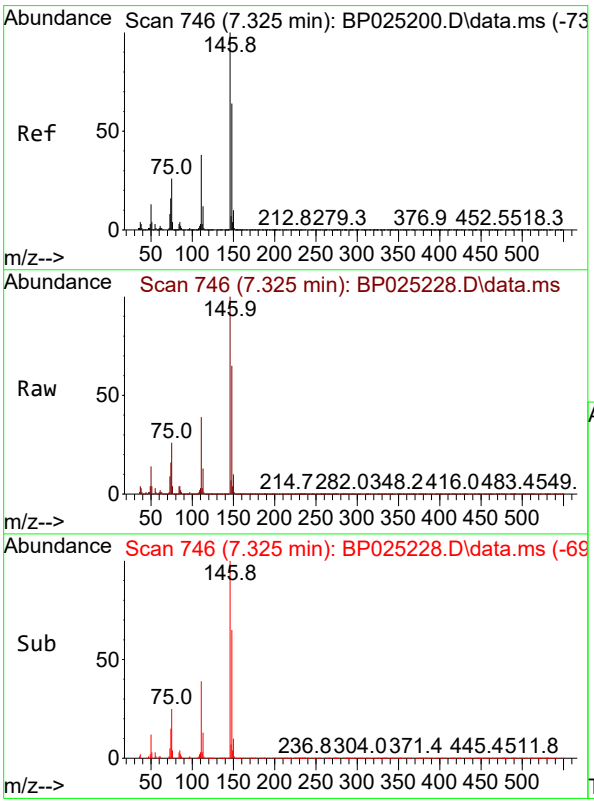
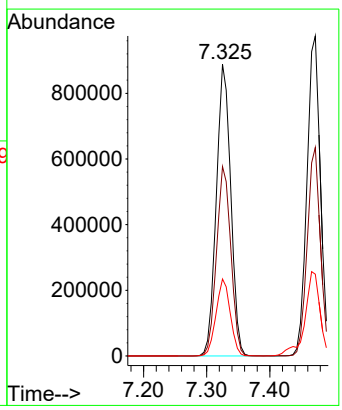
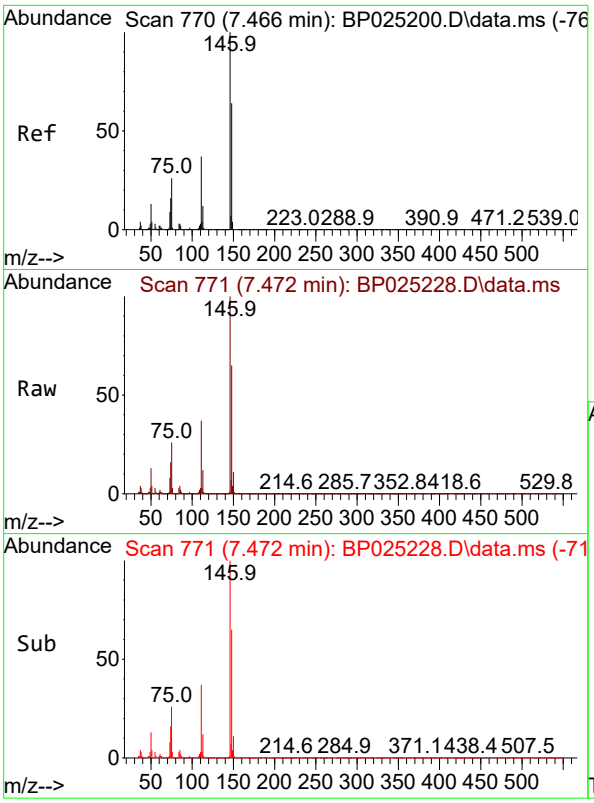


#12
1,3-Dichlorobenzene
Concen: 39.245 ng
RT: 7.325 min Scan# 746
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1409952

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
75	26.4	20.6	31.0

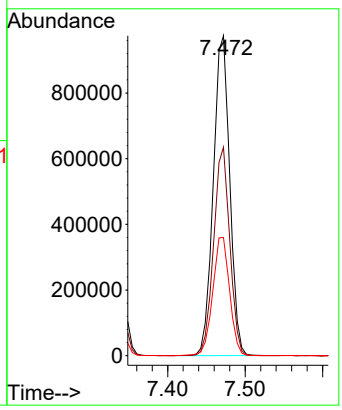




#13
1,4-Dichlorobenzene
Concen: 39.521 ng
RT: 7.472 min Scan# 7
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 143322

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.2
111	37.0	29.9	44.9



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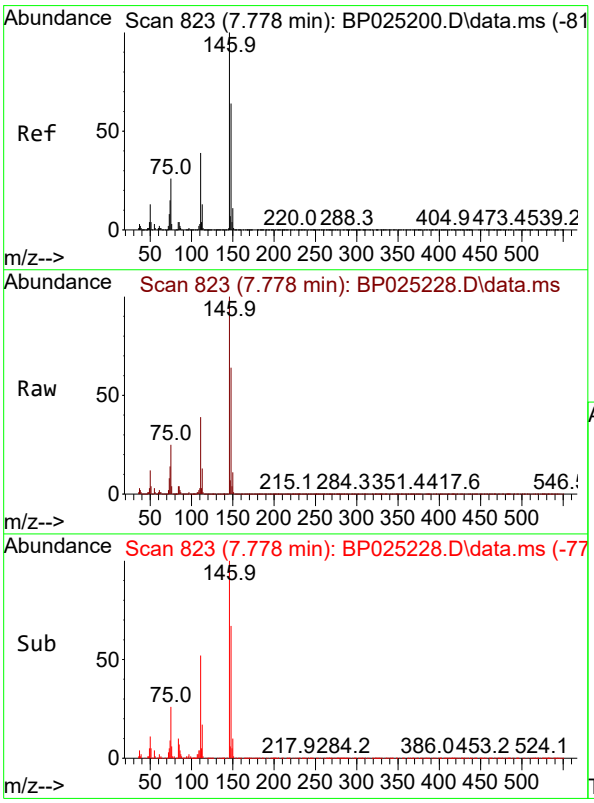
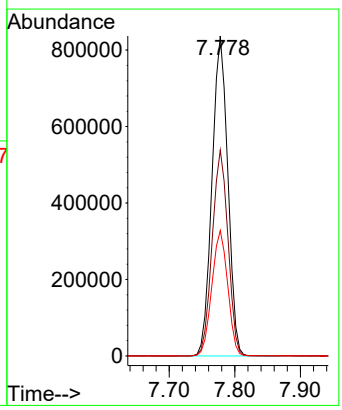
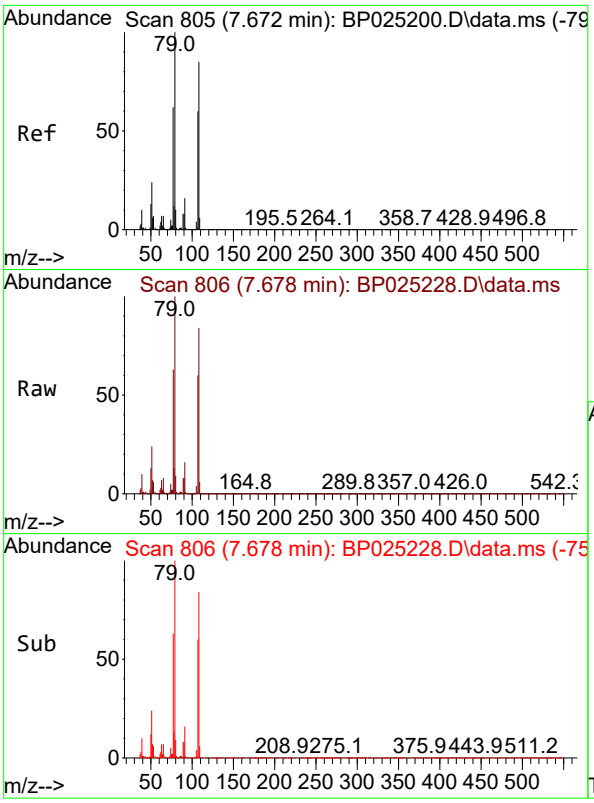


#14
1,2-Dichlorobenzene
Concen: 40.064 ng
RT: 7.778 min Scan# 823
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:146 Resp: 1397689

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.5	77.3
111	39.2	31.3	46.9





#15
Benzyl Alcohol
Concen: 41.459 ng
RT: 7.678 min Scan# 8
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 79 Resp: 104291

Ion	Ratio	Lower	Upper
79	100		
108	83.9	67.8	101.6
77	62.6	49.9	74.9

Instrument :
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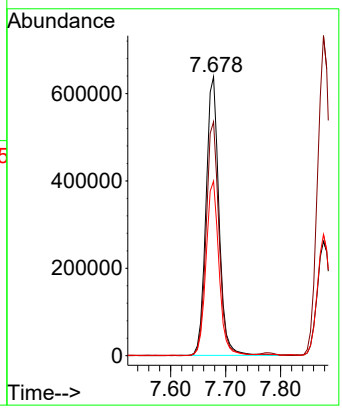
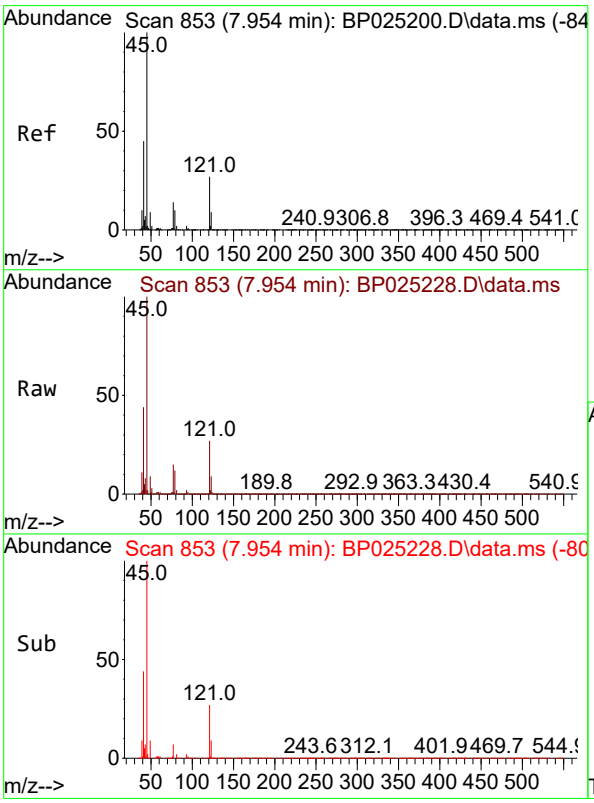
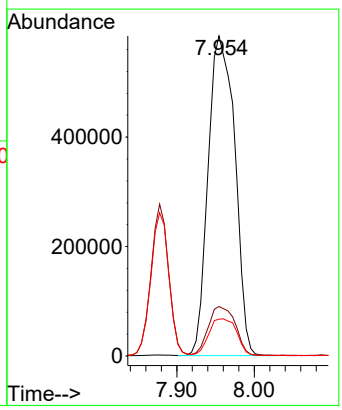


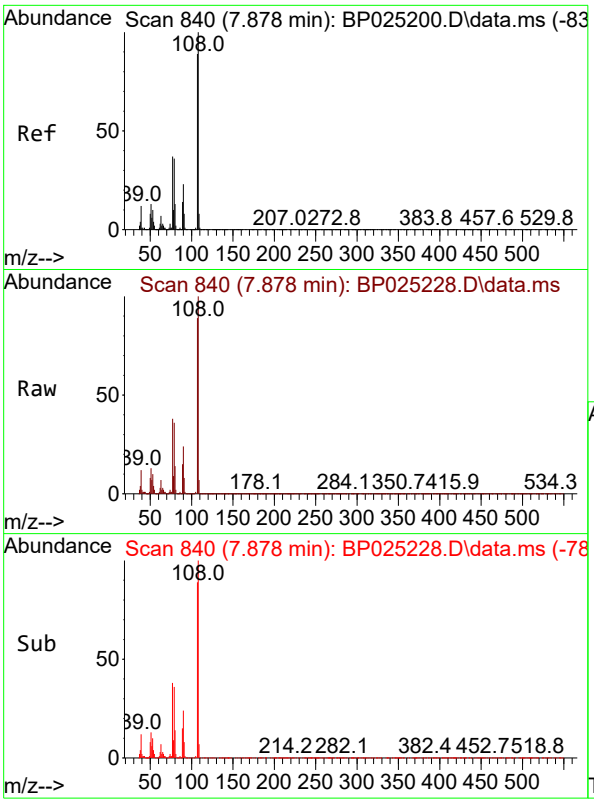


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.458 ng
RT: 7.954 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 45 Resp: 1399883

Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	36.0
79	11.5	0.0	31.7

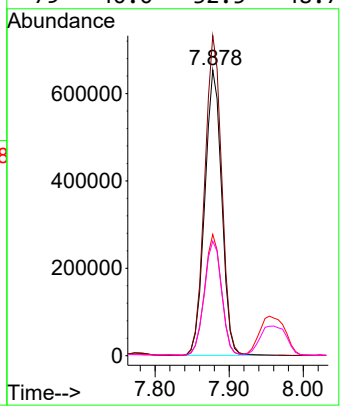




#17
2-Methylphenol
Concen: 41.350 ng
RT: 7.878 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 103679

Ion	Ratio	Lower	Upper
107	100		
108	112.0	89.8	134.8
77	42.4	33.2	49.8
79	40.0	32.5	48.7



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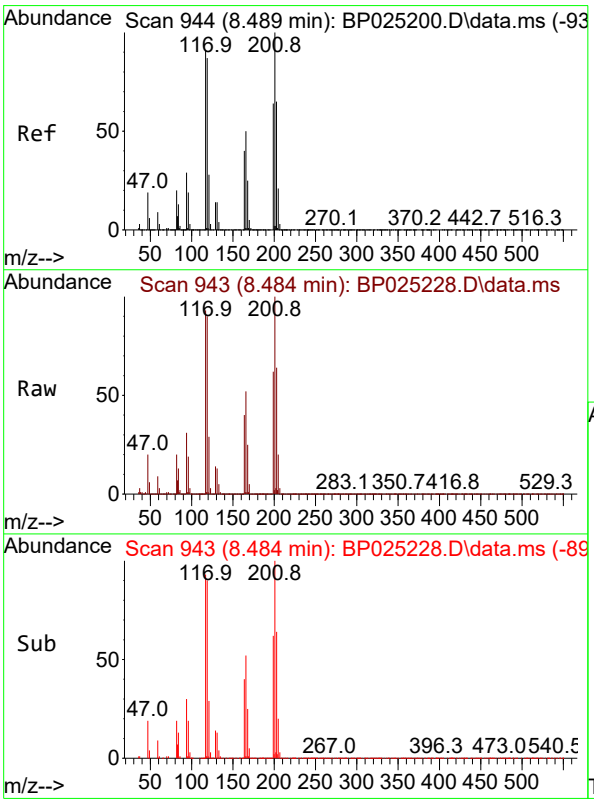
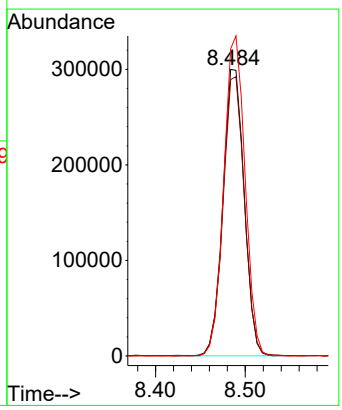
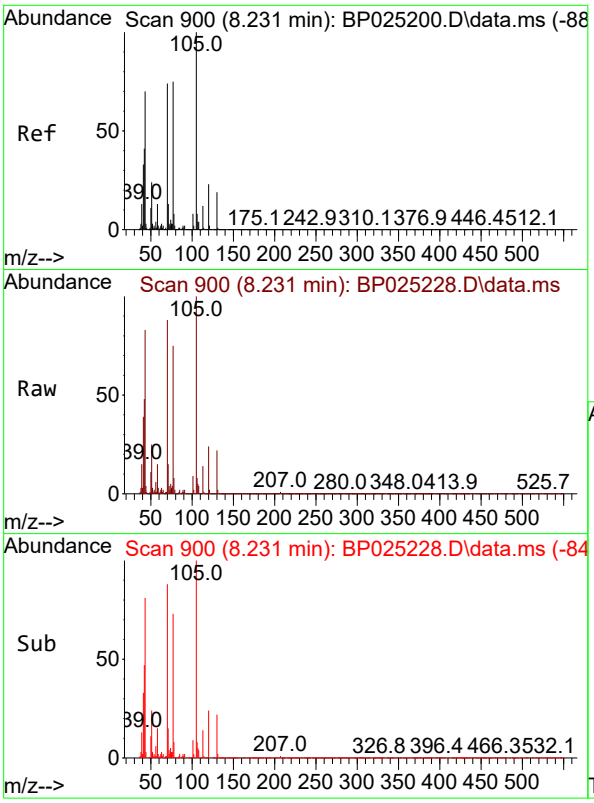


#18
Hexachloroethane
Concen: 39.573 ng
RT: 8.484 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:117 Resp: 493527

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.6
201	107.2	88.3	132.5

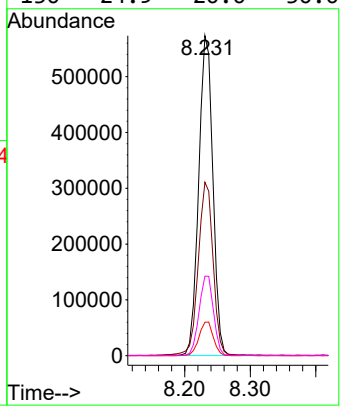




#19
n-Nitroso-di-n-propylamine
Concen: 41.082 ng
RT: 8.231 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 70 Resp: 86189

Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.2	66.2
101	10.4	8.6	12.8
130	24.9	20.0	30.0



Instrument :
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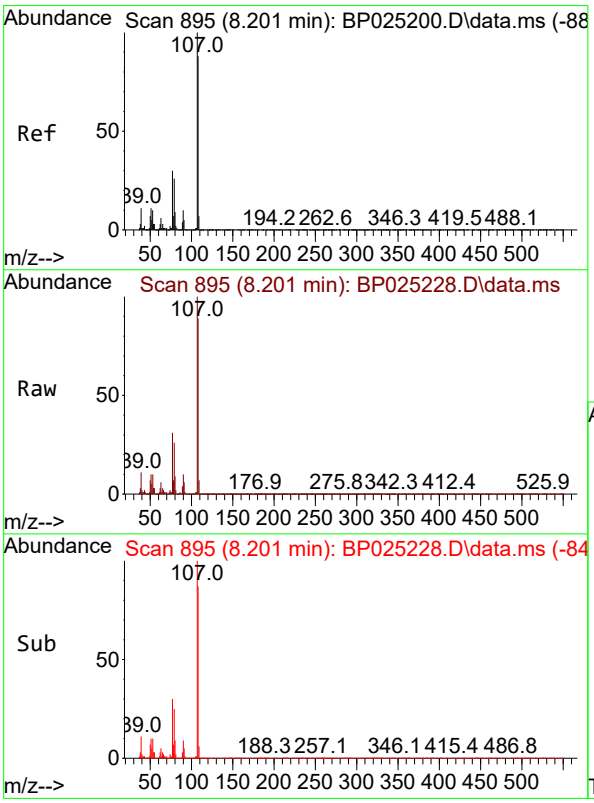
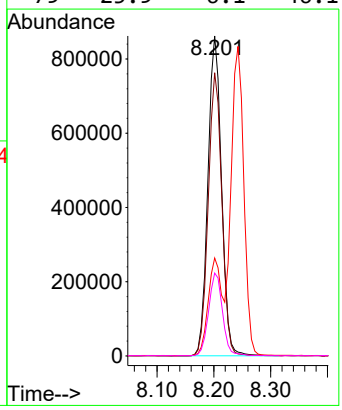
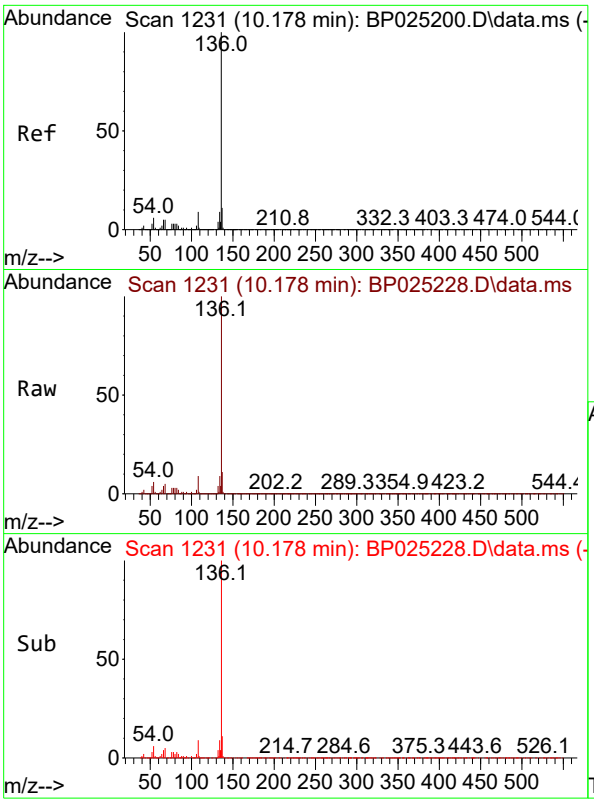


#20
3+4-Methylphenols
Concen: 41.751 ng
RT: 8.201 min Scan# 895
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1427970

Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.8	107.8
77	30.6	10.3	50.3
79	25.9	6.1	46.1

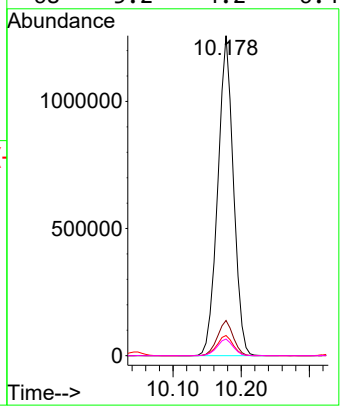




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:136 Resp: 201039

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.3	5.1	7.7
68	5.2	4.2	6.4



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ClientSampleId :
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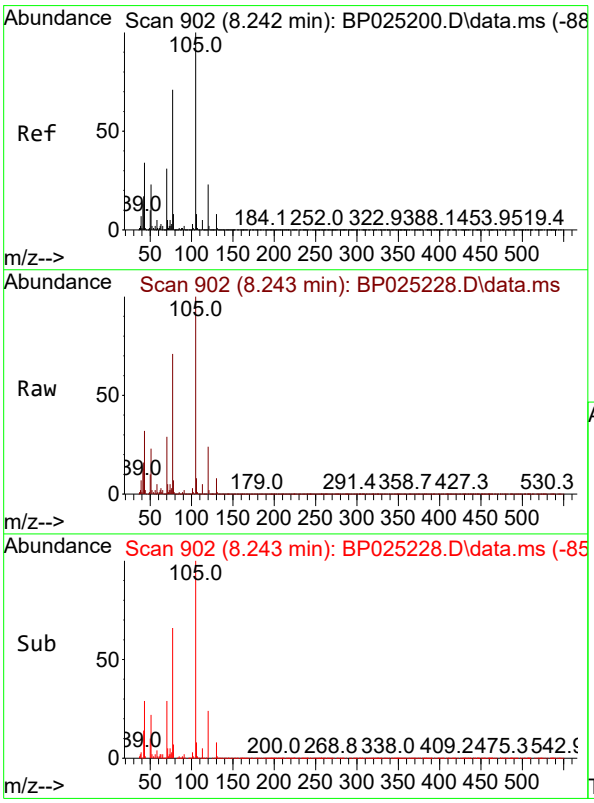
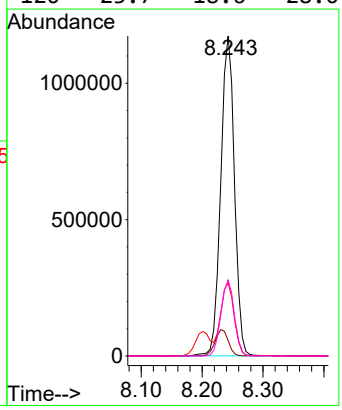
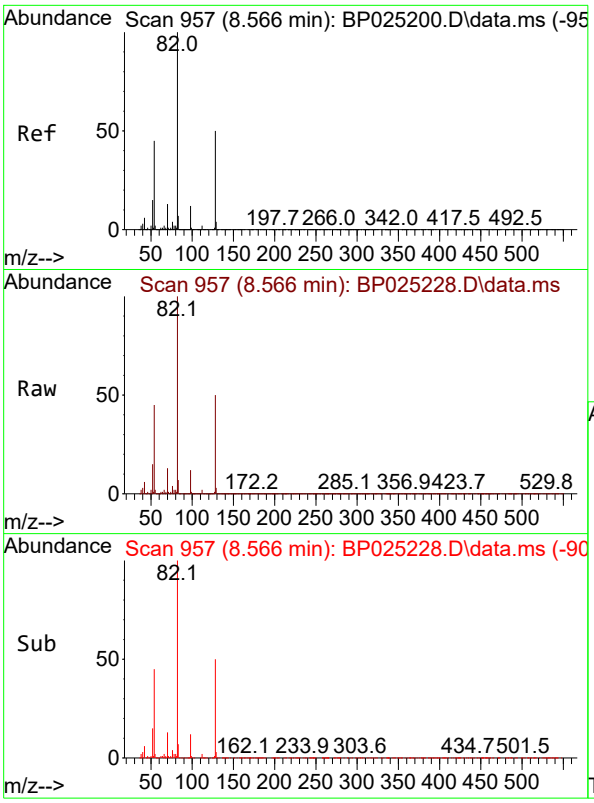


#22
Acetophenone
Concen: 39.161 ng
RT: 8.243 min Scan# 902
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:105 Resp: 1831992

Ion	Ratio	Lower	Upper
105	100		
71	4.8	4.1	6.1
51	22.8	18.5	27.7
120	23.7	18.6	28.0

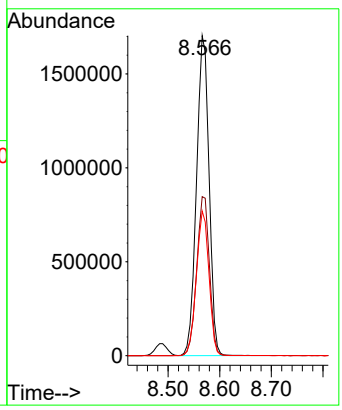




#23
Nitrobenzene-d5
Concen: 79.438 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 287370

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.2	60.4
54	45.2	36.3	54.5



Instrument :
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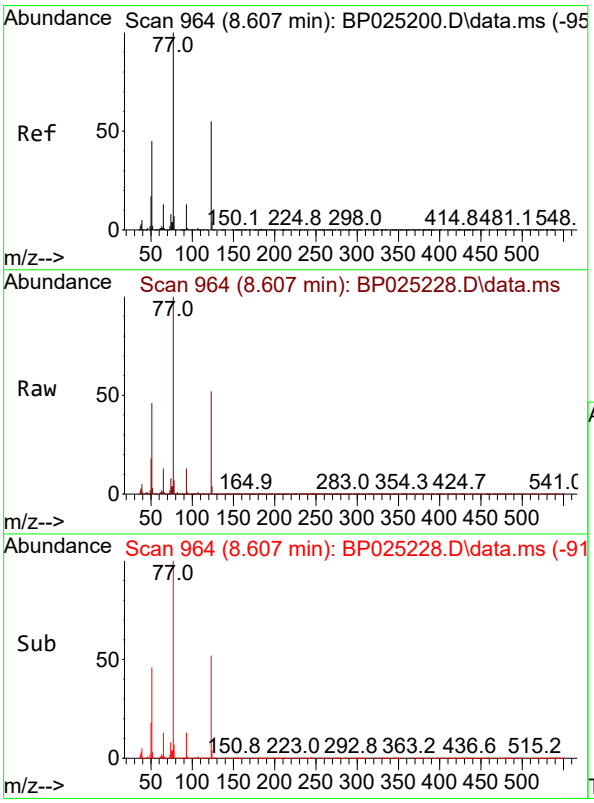
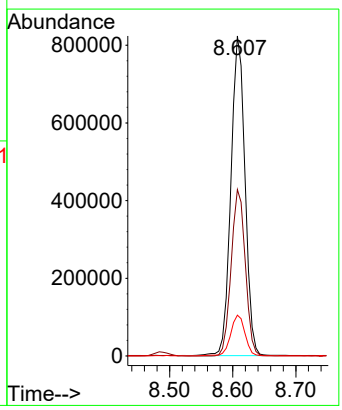
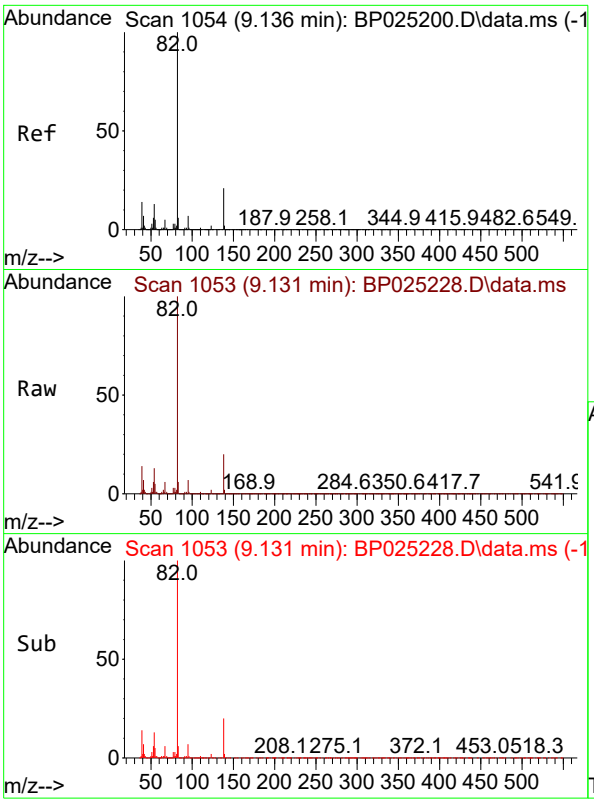


#24
Nitrobenzene
Concen: 39.614 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 1277454

Ion	Ratio	Lower	Upper
77	100		
123	52.0	43.6	65.4
65	12.7	10.2	15.2

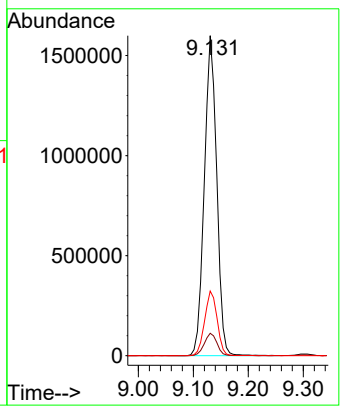




#25
Isophorone
Concen: 39.287 ng
RT: 9.131 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 82 Resp: 249930

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	20.2	16.6	25.0



Instrument :
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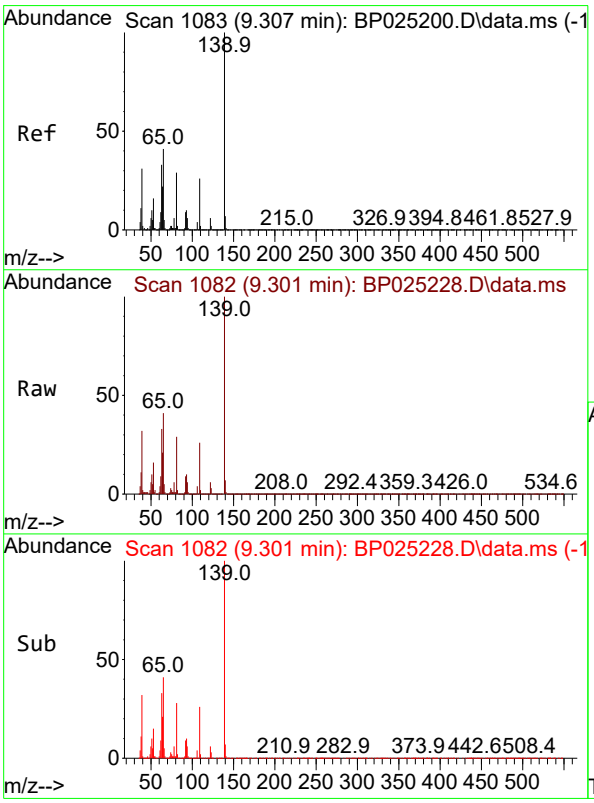
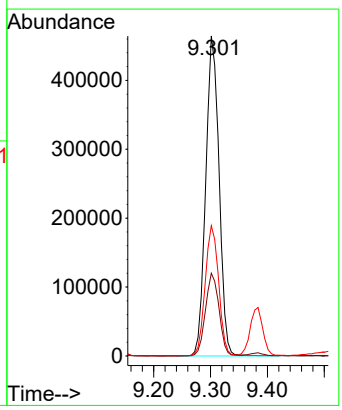
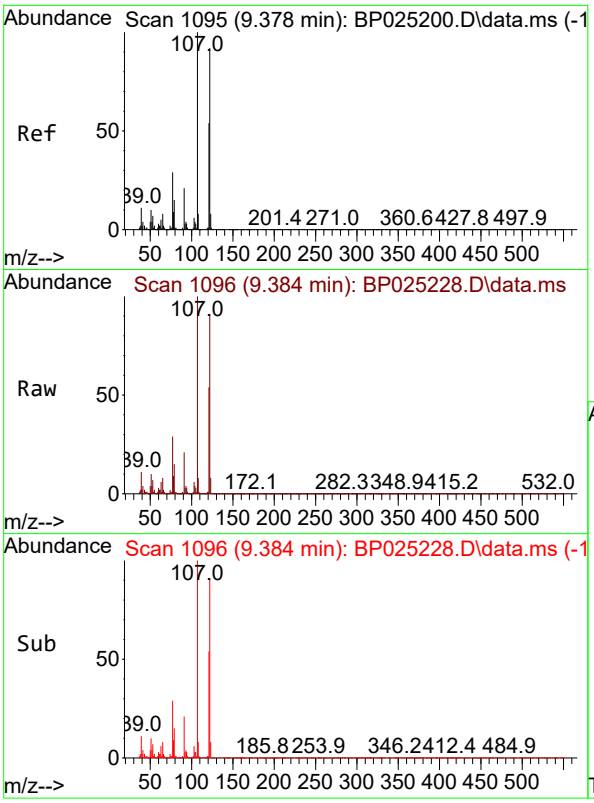


#26
2-Nitrophenol
Concen: 40.747 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 754572

Ion	Ratio	Lower	Upper
139	100		
109	25.9	21.0	31.6
65	40.7	32.7	49.1

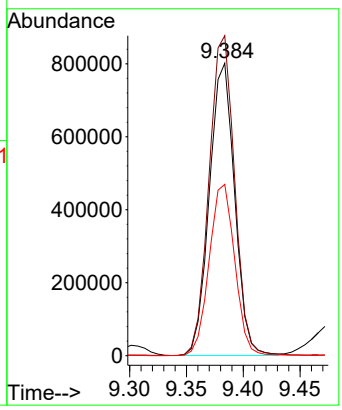




#27
2,4-Dimethylphenol
Concen: 40.112 ng
RT: 9.384 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 124295

Ion	Ratio	Lower	Upper
122	100		
107	109.4	87.0	130.4
121	58.6	46.7	70.1



Instrument :
BNA_P
ClientSampleId :
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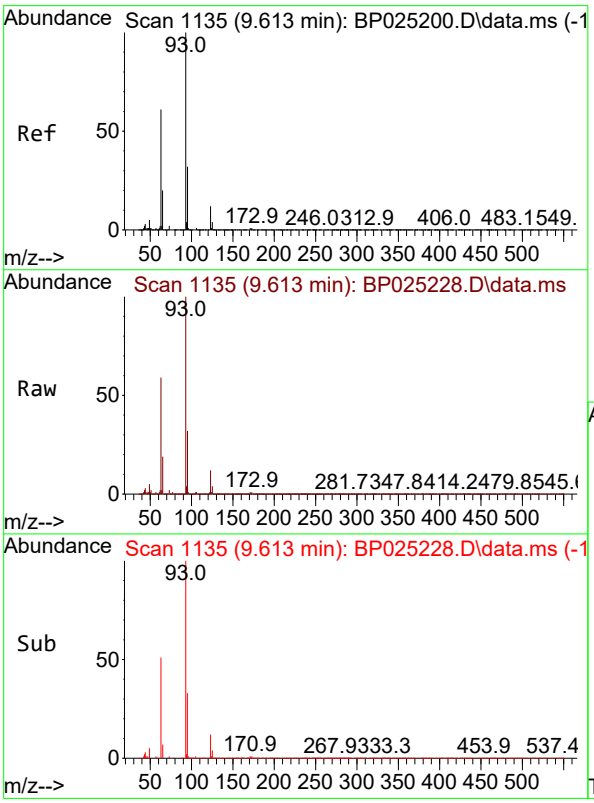
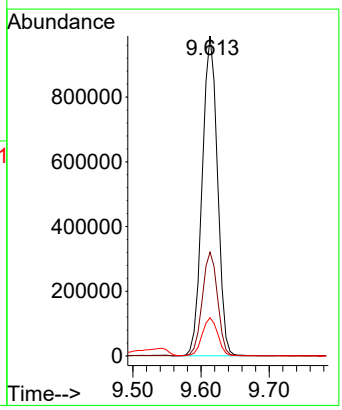
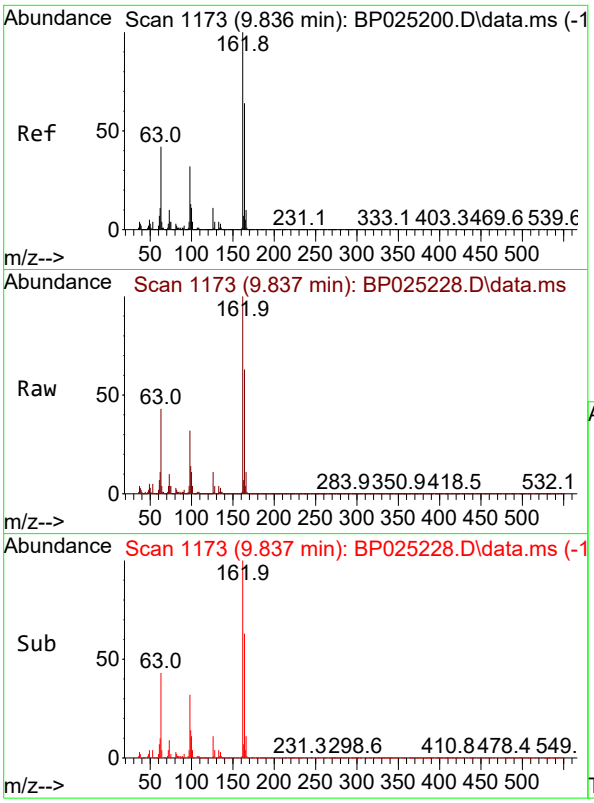


#28
bis(2-Chloroethoxy)methane
Concen: 38.637 ng
RT: 9.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 93 Resp: 1537420

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	12.0	9.8	14.6

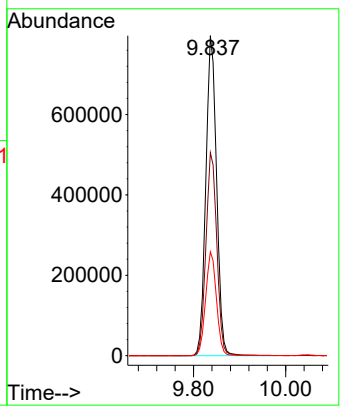




#29
2,4-Dichlorophenol
Concen: 40.880 ng
RT: 9.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:162 Resp: 130141

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.2	84.2
98	32.5	11.7	51.7



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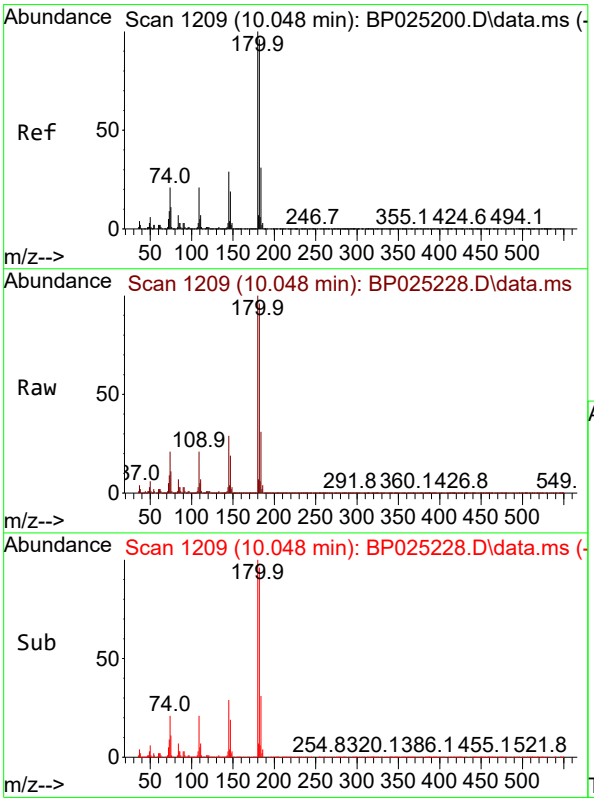
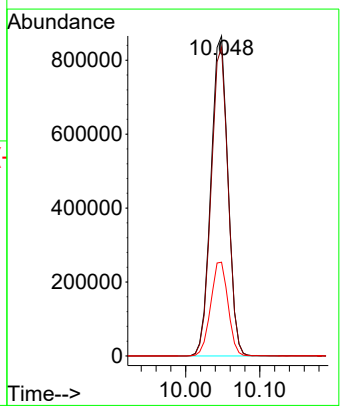
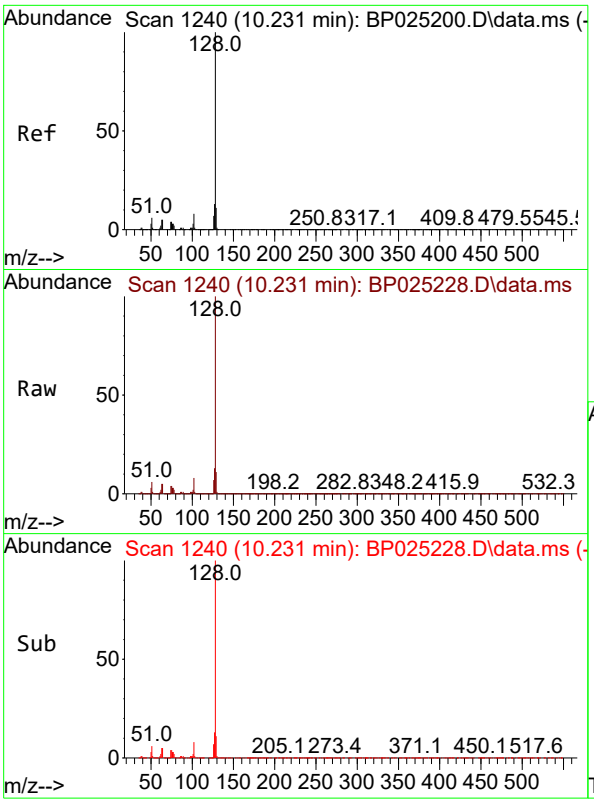


#30
1,2,4-Trichlorobenzene
Concen: 39.627 ng
RT: 10.048 min Scan# 1209
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:180 Resp: 1377874

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.7	115.1
145	29.3	23.5	35.3

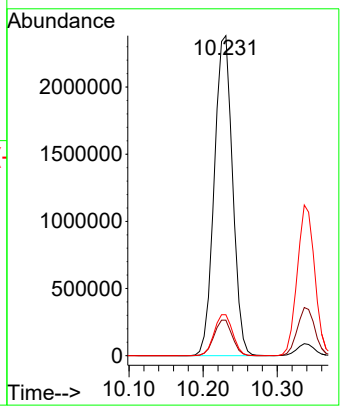




#31
Naphthalene
Concen: 39.644 ng
RT: 10.231 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:128 Resp: 407835

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.8	10.4	15.6



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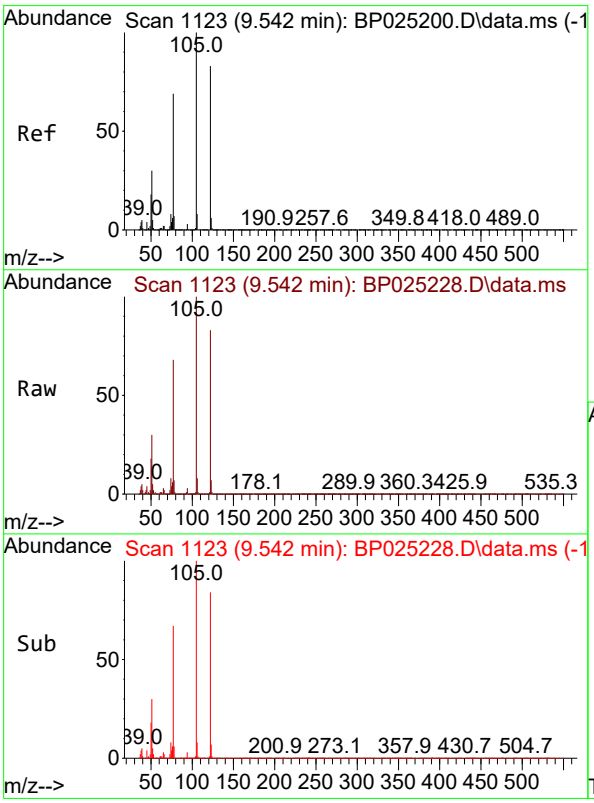
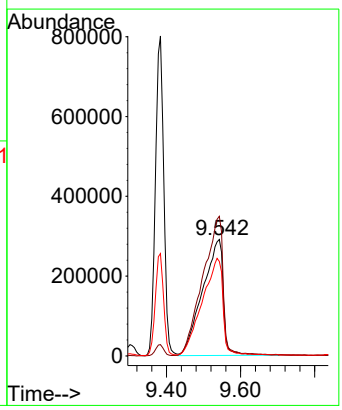
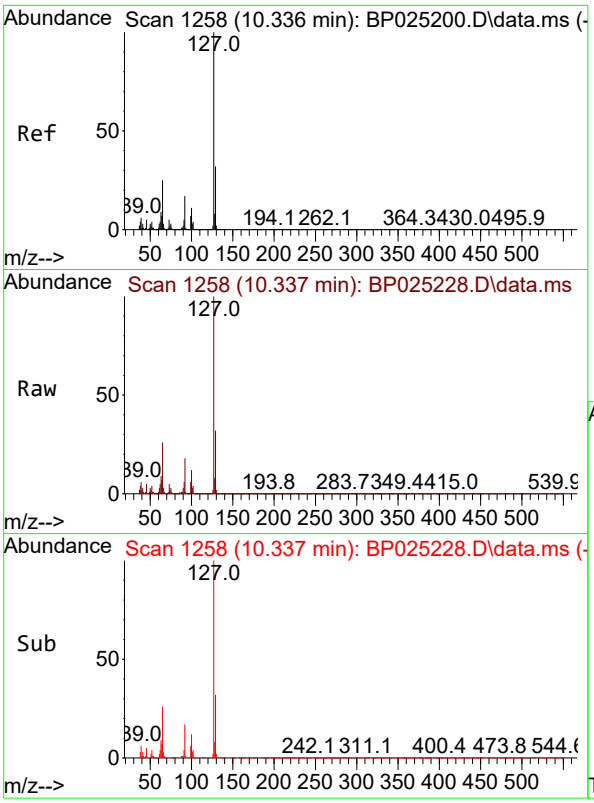


#32
Benzoic acid
Concen: 47.799 ng
RT: 9.542 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:122 Resp: 1130735

Ion	Ratio	Lower	Upper
122	100		
105	119.9	98.1	138.1
77	81.1	62.7	102.7

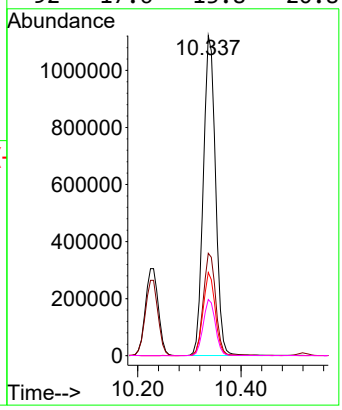




#33
4-Chloroaniline
Concen: 40.762 ng
RT: 10.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:127 Resp: 184329

Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	26.0	20.2	30.4
92	17.6	13.8	20.8



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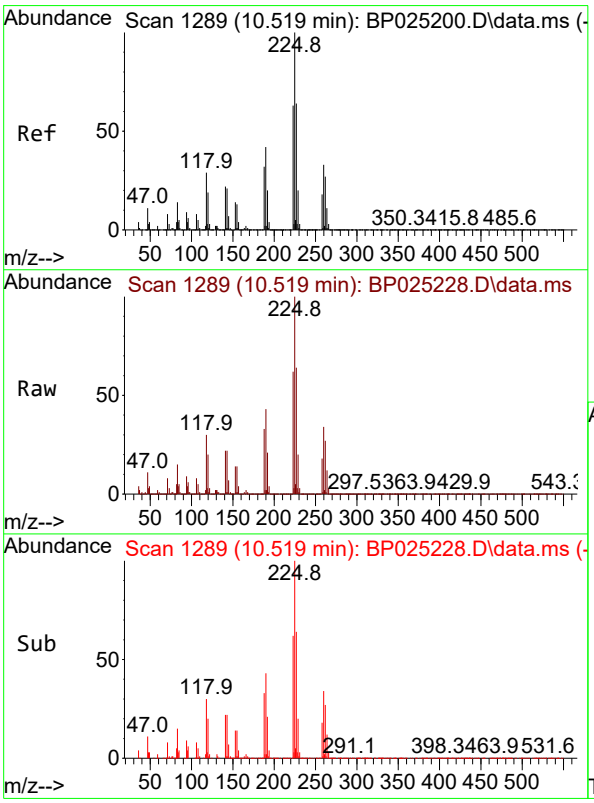
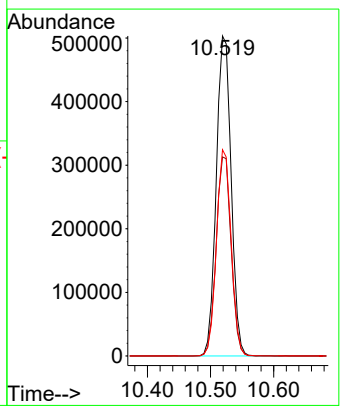
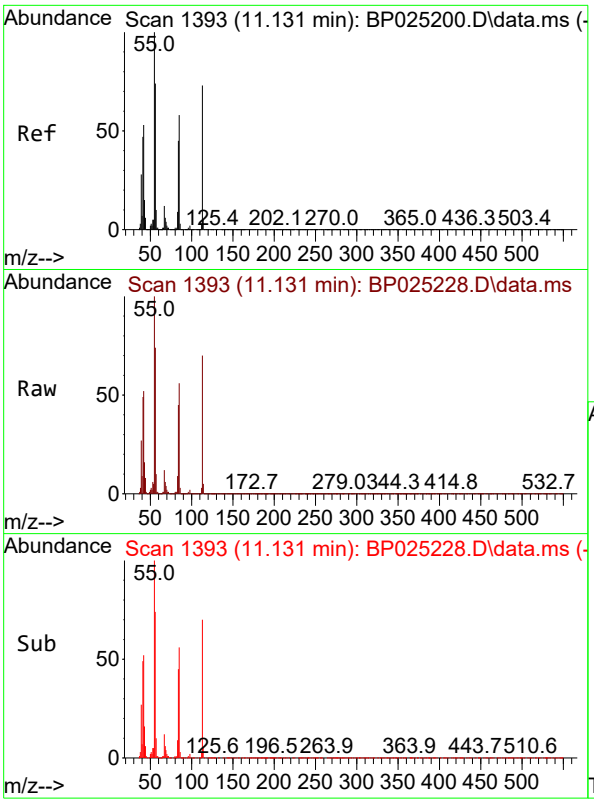


#34
Hexachlorobutadiene
Concen: 39.183 ng
RT: 10.519 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:225 Resp: 820021

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.1	75.1
227	64.4	51.4	77.0





#35
Caprolactam
Concen: 41.859 ng
RT: 11.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:113 Resp: 44226

Ion	Ratio	Lower	Upper
113	100		
55	142.6	117.6	157.6
56	104.8	82.4	122.4

Instrument :
BNA_P
ClientSampleId :
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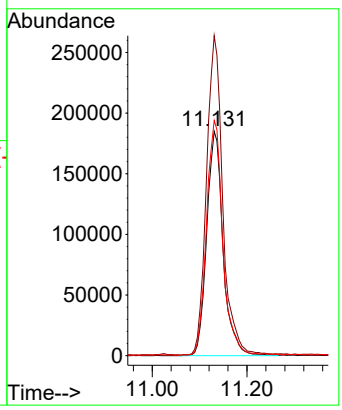
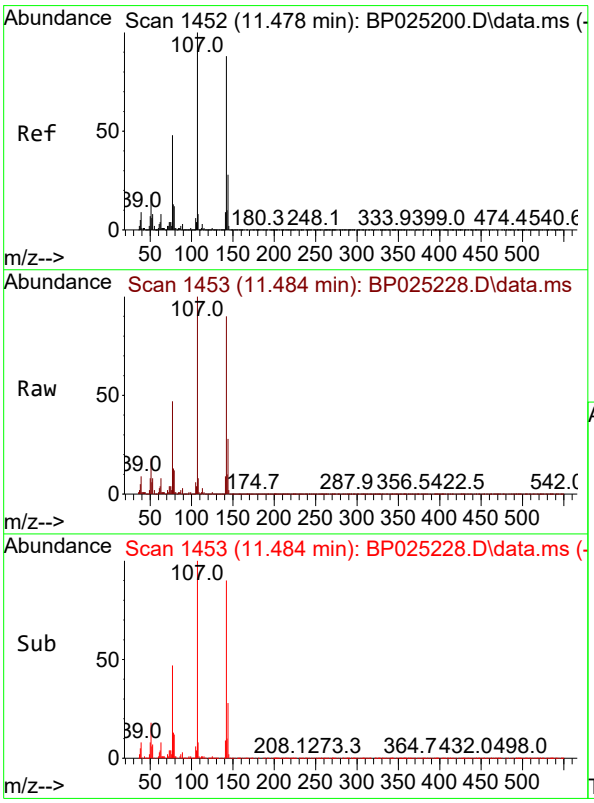
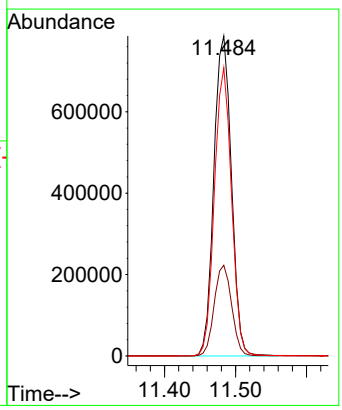


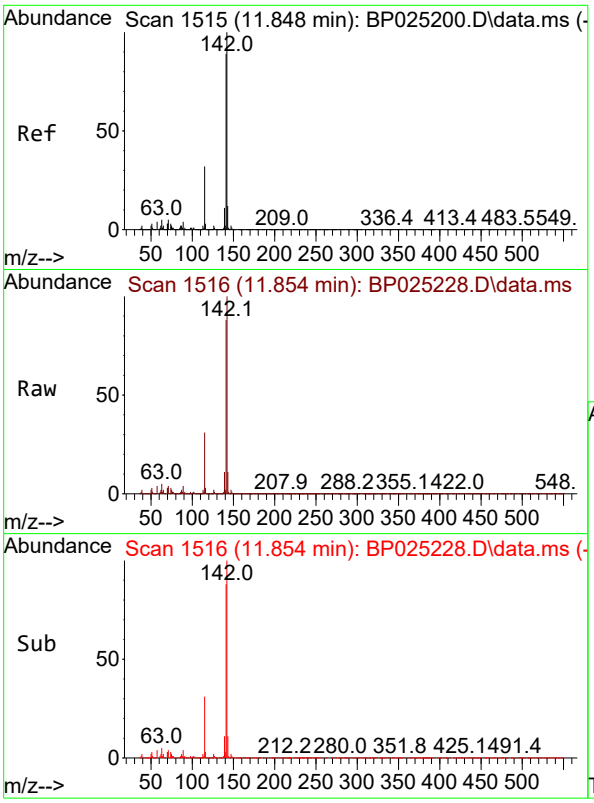


#36
4-Chloro-3-methylphenol
Concen: 42.212 ng
RT: 11.484 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:107 Resp: 1343300

Ion	Ratio	Lower	Upper
107	100		
144	28.4	22.5	33.7
142	90.0	70.6	105.8

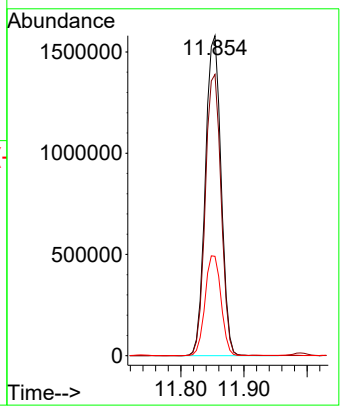




#37
2-Methylnaphthalene
Concen: 40.859 ng
RT: 11.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 272944

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.2	106.8
115	31.0	25.3	37.9



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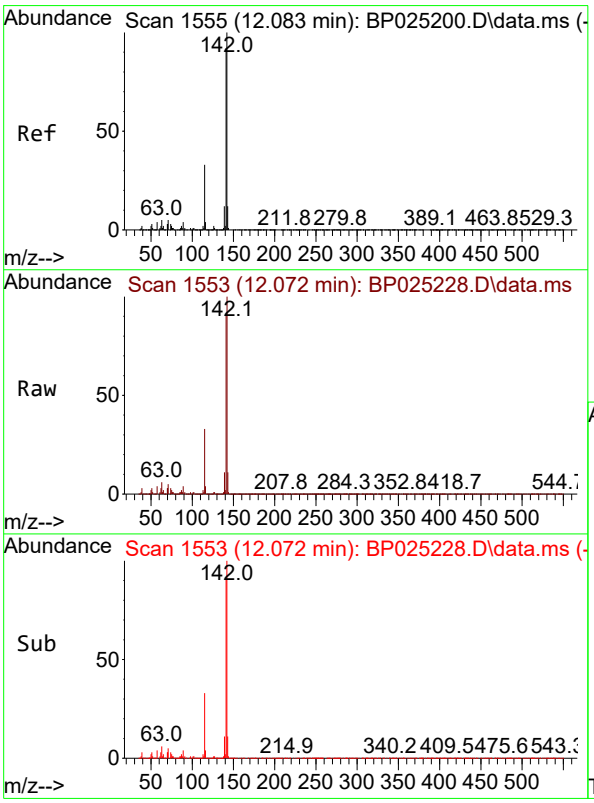
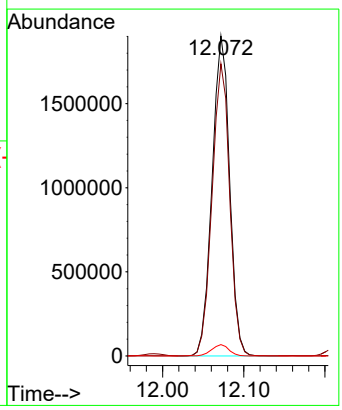
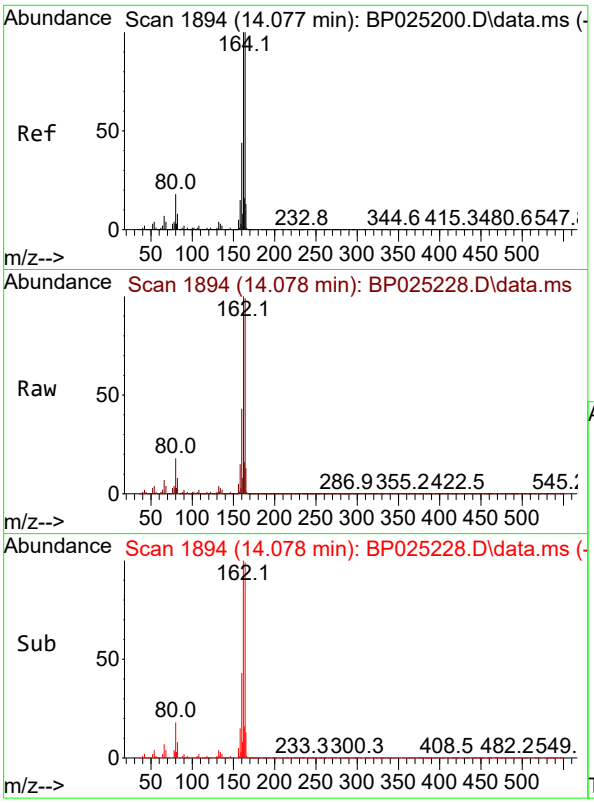


#38
1-Methylnaphthalene
Concen: 40.612 ng
RT: 12.072 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:142 Resp: 2849738

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.8
116	3.5	2.8	4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.078 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:164 Resp: 136305

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	43.7	35.7	53.5

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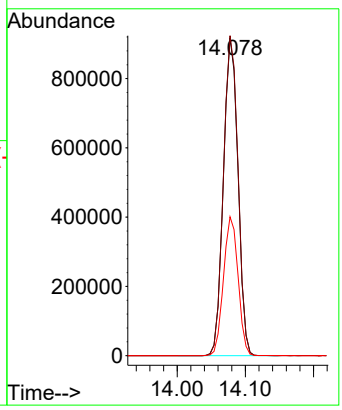
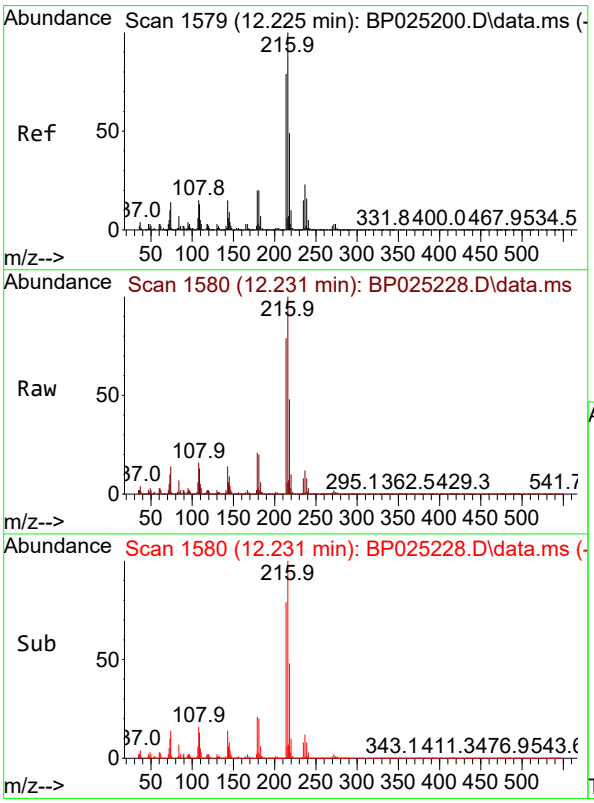
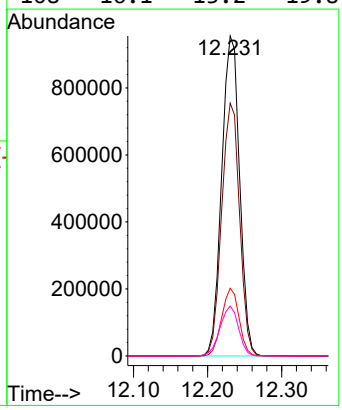


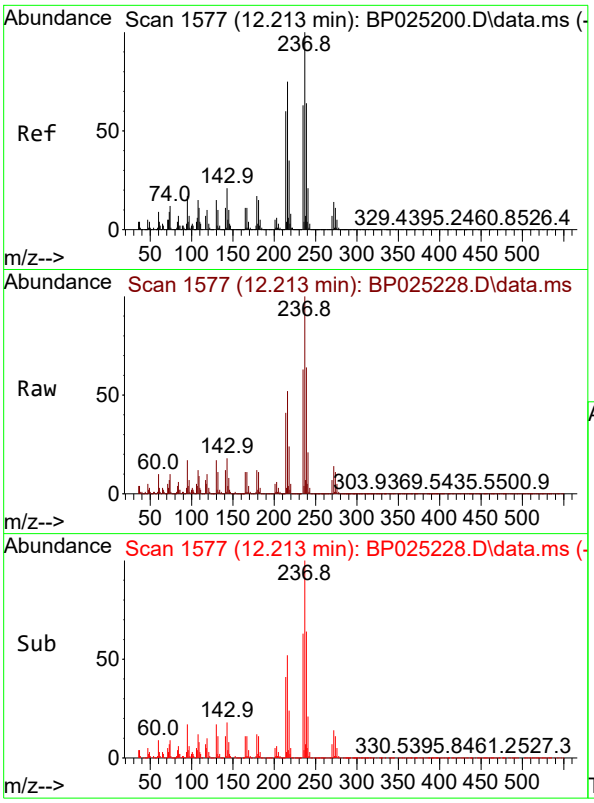


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.246 ng
RT: 12.231 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:216 Resp: 1603484

Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	20.5	16.2	24.4
108	16.1	13.2	19.8

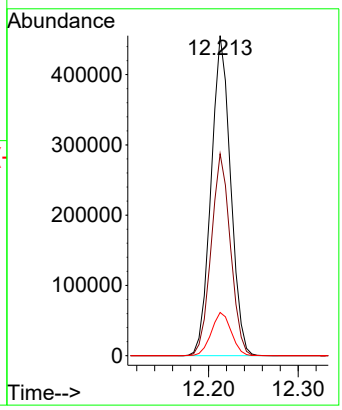




#41
Hexachlorocyclopentadiene
Concen: 28.144 ng
RT: 12.213 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:237 Resp: 68643

Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.7	82.7
272	13.5	0.0	33.6



Instrument :
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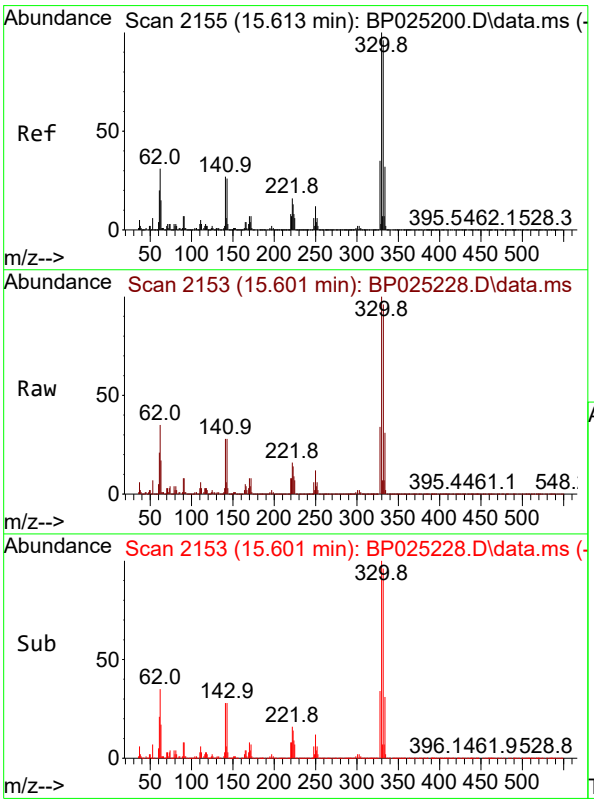
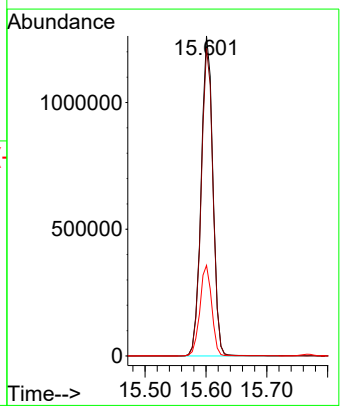
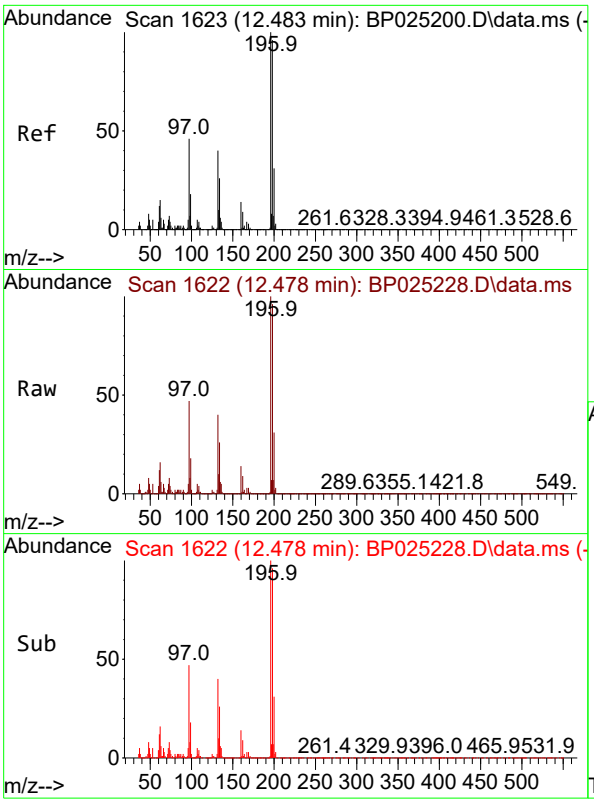


#42
2,4,6-Tribromophenol
Concen: 84.128 ng
RT: 15.601 min Scan# 2153
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:330 Resp: 1690516

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	28.4	22.4	33.6

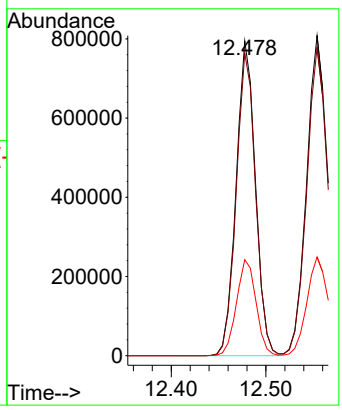




#43
2,4,6-Trichlorophenol
Concen: 40.313 ng
RT: 12.478 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 112539

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
200	30.5	24.7	37.1



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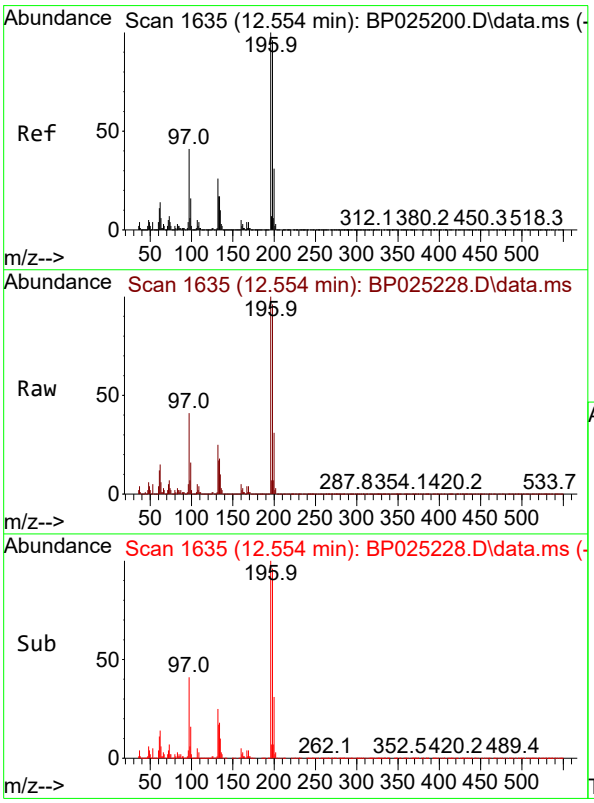
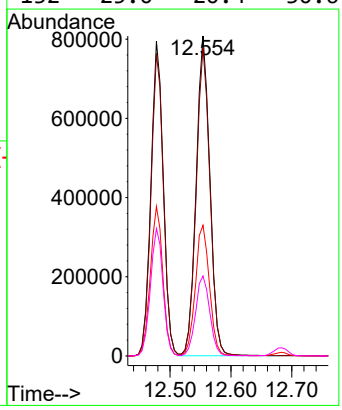
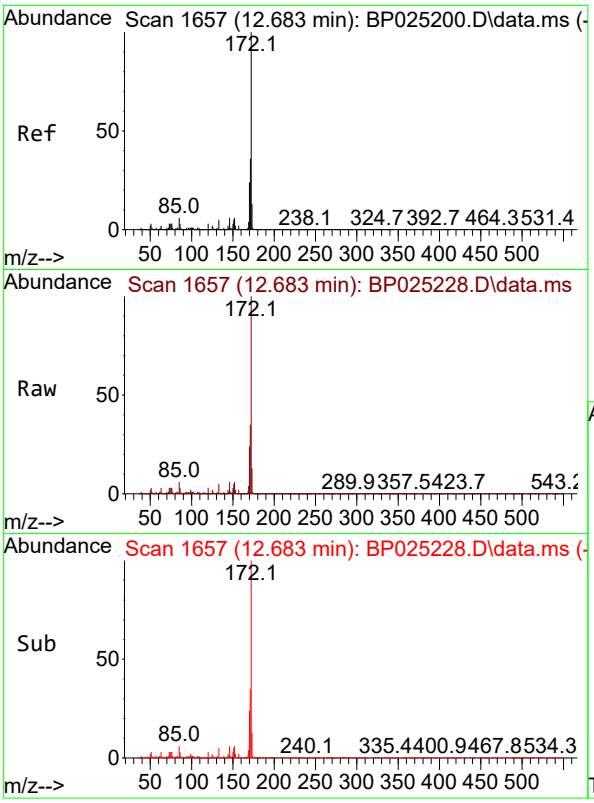


#44
2,4,5-Trichlorophenol
Concen: 41.280 ng
RT: 12.554 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:196 Resp: 1268169

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.7	115.1
97	40.8	33.0	49.4
132	25.0	20.4	30.6

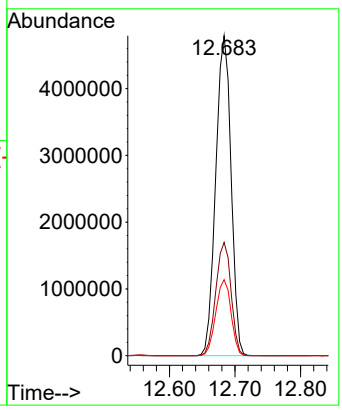




#45
2-Fluorobiphenyl
Concen: 80.047 ng
RT: 12.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:172 Resp: 773921

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.8	43.2
170	23.8	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
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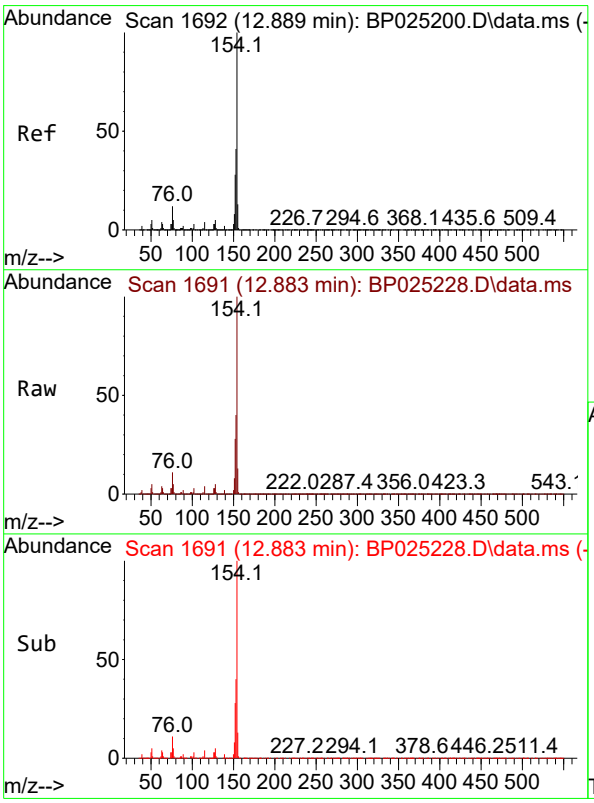
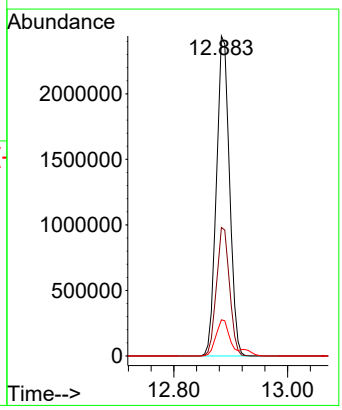
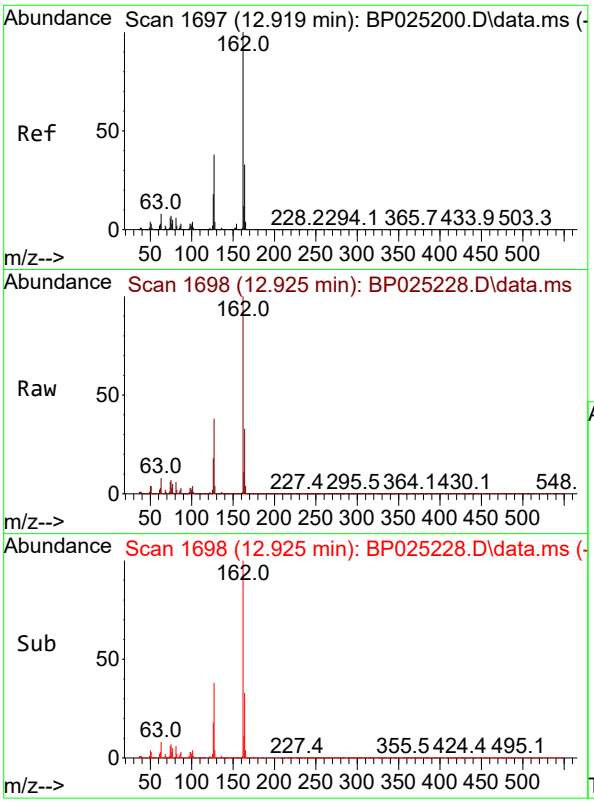


#46
1,1'-Biphenyl
Concen: 39.468 ng
RT: 12.883 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 3899850

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.8	60.8
76	11.3	0.0	31.6

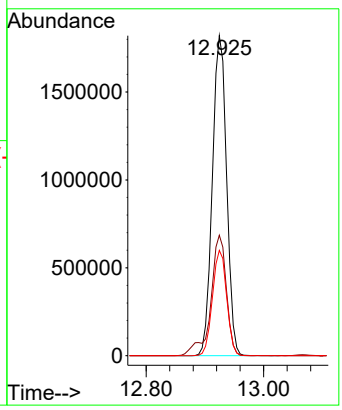




#47
2-Chloronaphthalene
Concen: 39.669 ng
RT: 12.925 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:162 Resp: 306026

Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.1	45.1
164	32.9	26.5	39.7



Instrument :
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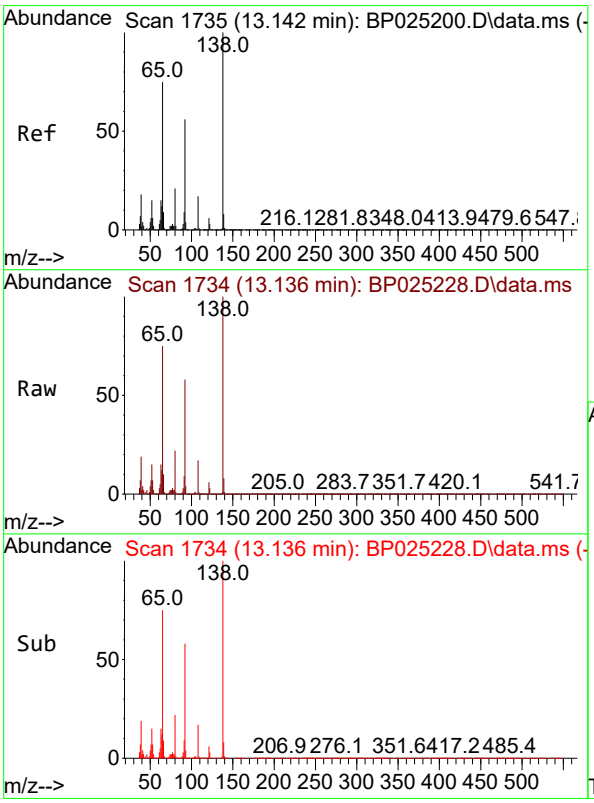
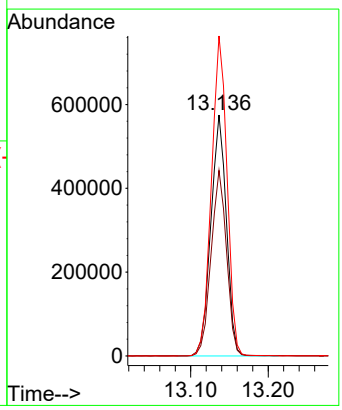
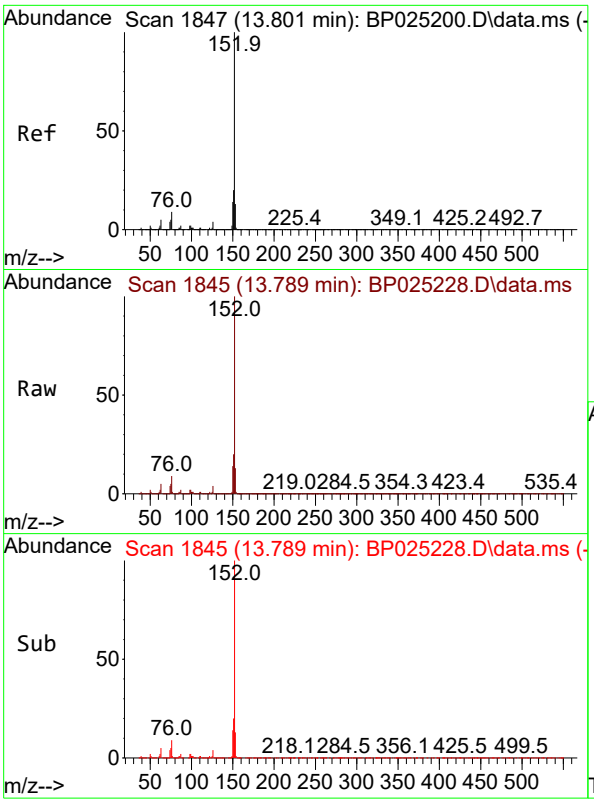


#48
2-Nitroaniline
Concen: 40.662 ng
RT: 13.136 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 65 Resp: 801067

Ion	Ratio	Lower	Upper
65	100		
92	77.0	59.9	89.9
138	132.8	107.1	160.7

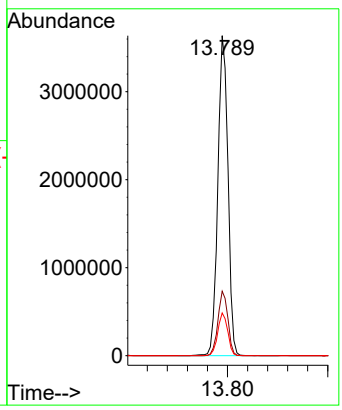




#49
Acenaphthylene
Concen: 40.627 ng
RT: 13.789 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:152 Resp: 506923

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.4	10.6	15.8



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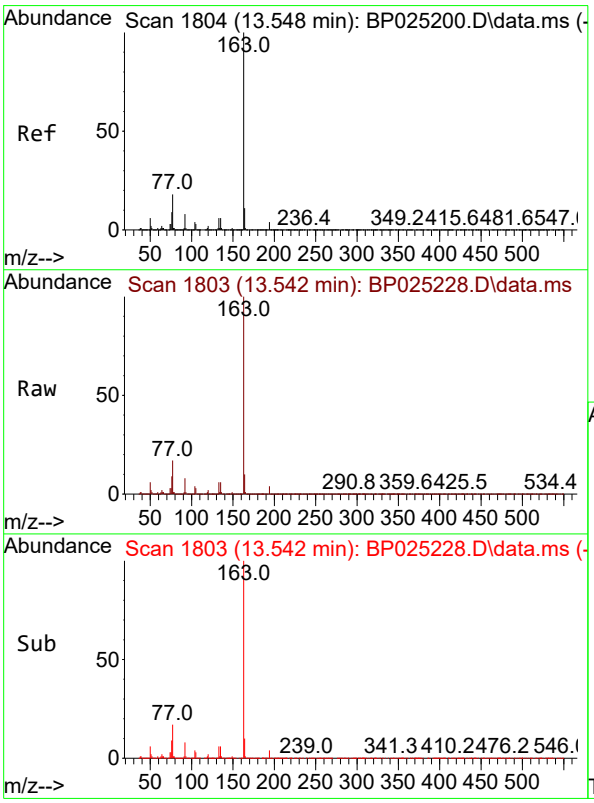
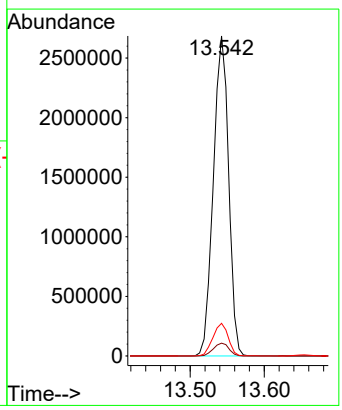
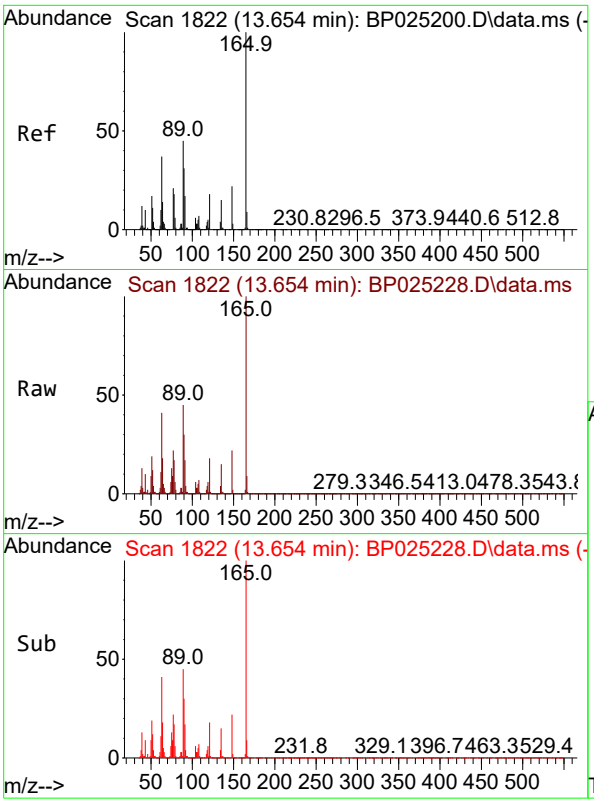


#50
Dimethylphthalate
Concen: 39.404 ng
RT: 13.542 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:163 Resp: 3841185

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 41.051 ng
RT: 13.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:165 Resp: 86951

Ion	Ratio	Lower	Upper
165	100		
63	41.1	33.4	50.2
89	44.8	36.3	54.5

Instrument :
BNA_P
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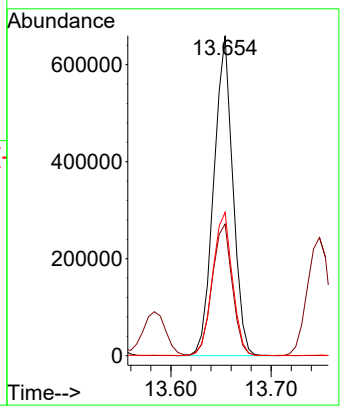
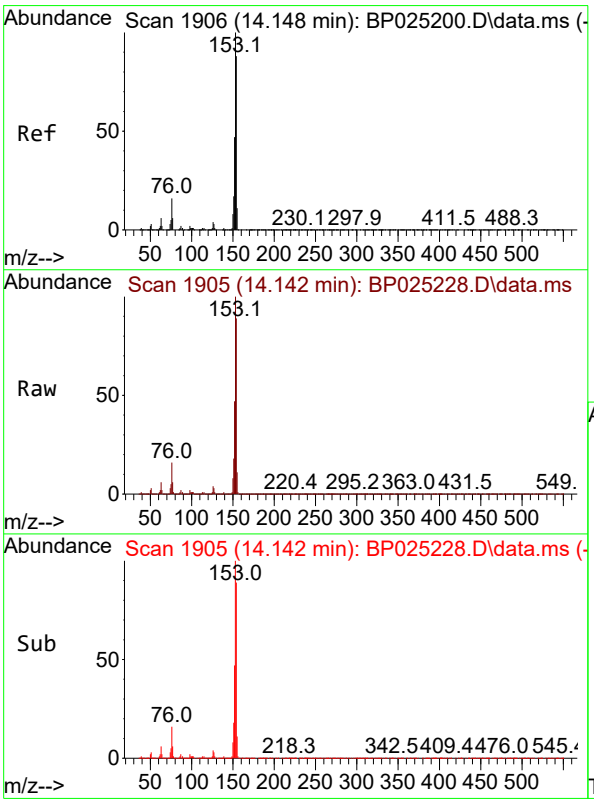
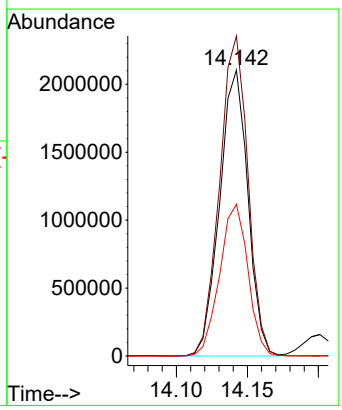


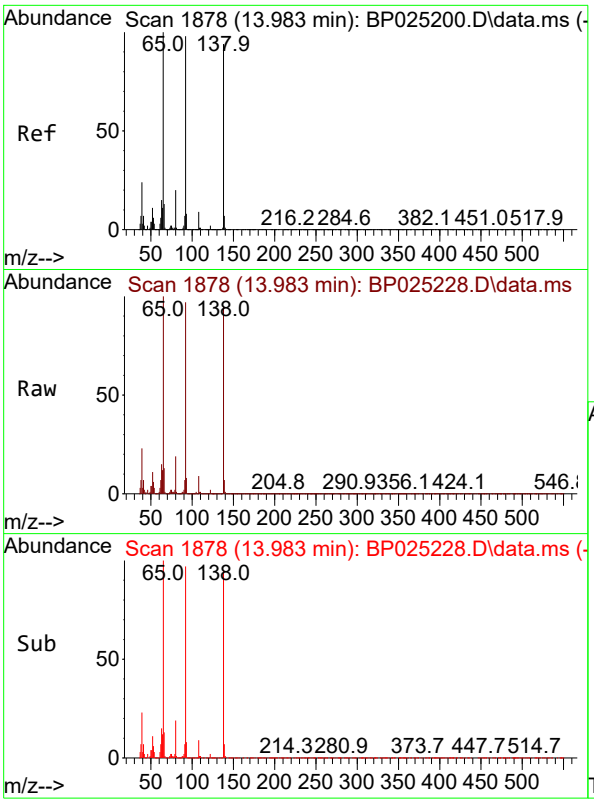


#52
Acenaphthene
Concen: 40.271 ng
RT: 14.142 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:154 Resp: 2905616

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.7	136.1
152	53.0	42.9	64.3





#53
3-Nitroaniline
Concen: 41.445 ng
RT: 13.983 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 98993

Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.5	11.3
92	102.3	83.2	124.8

Instrument :
BNA_P
ClientSampleId :
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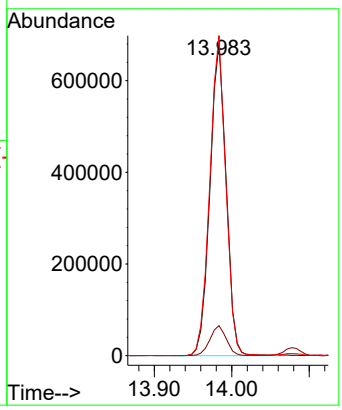
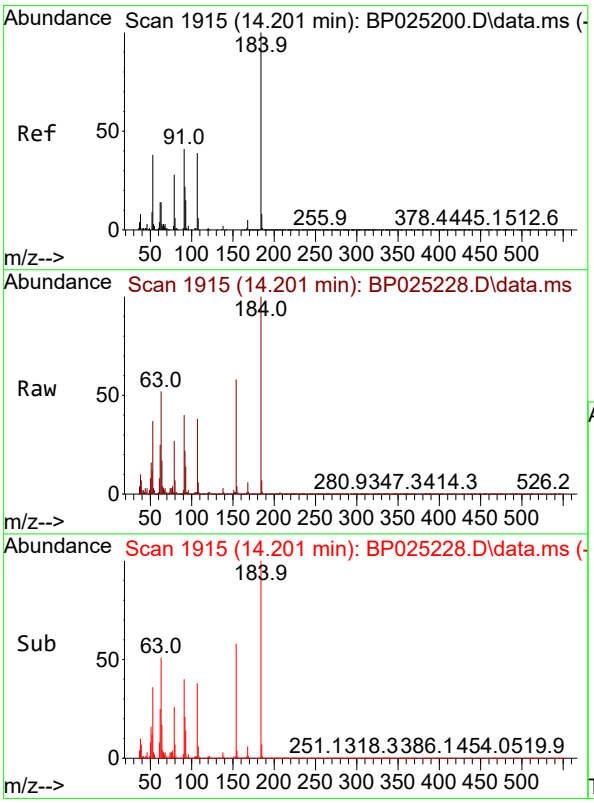
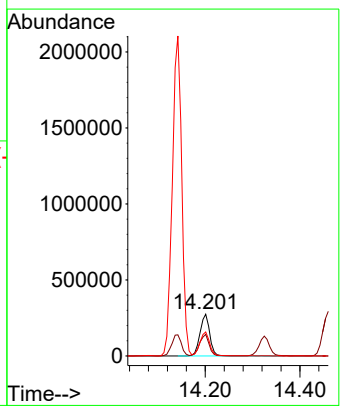


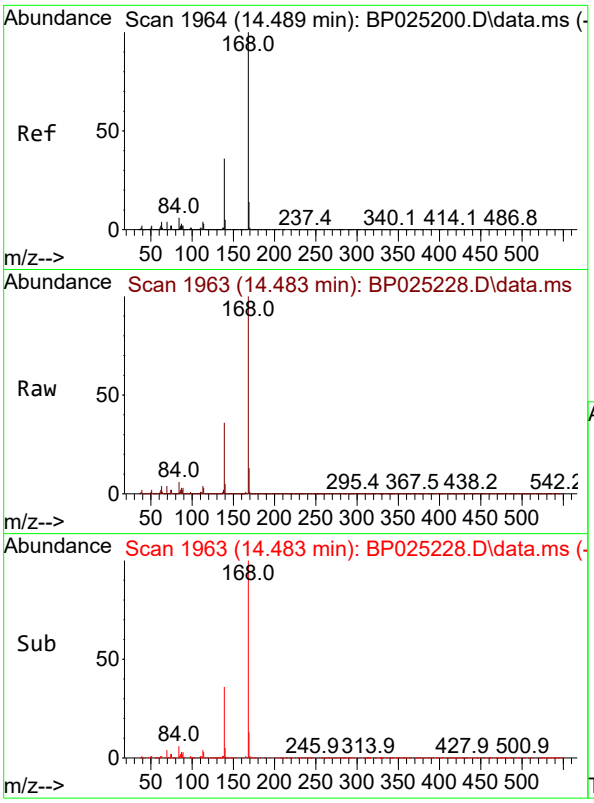


#54
2,4-Dinitrophenol
Concen: 30.972 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 388691

Ion	Ratio	Lower	Upper
184	100		
63	51.5	41.8	62.8
154	57.6	45.7	68.5

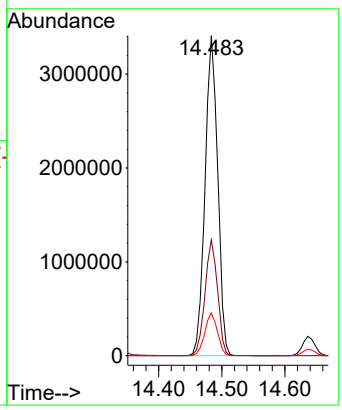




#55
Dibenzofuran
Concen: 40.773 ng
RT: 14.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:168 Resp: 475199

Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.7	43.1
169	13.3	10.9	16.3



Instrument :
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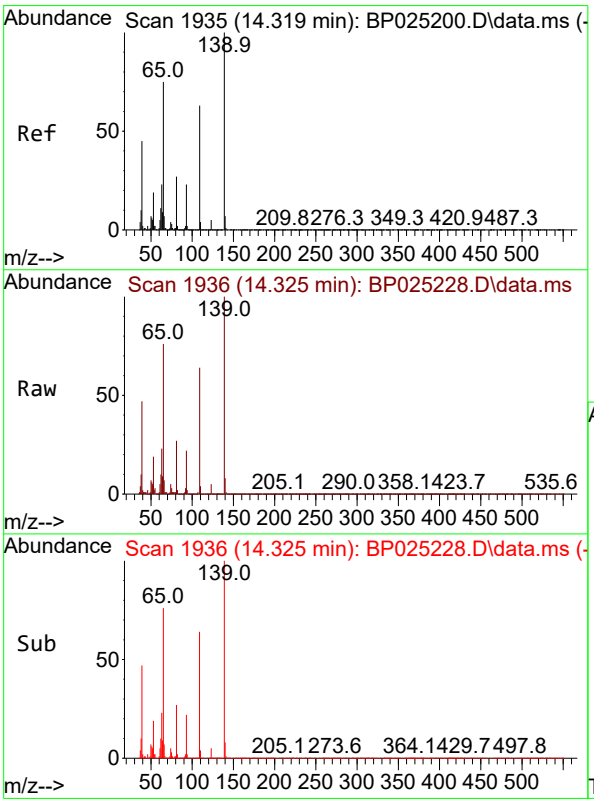
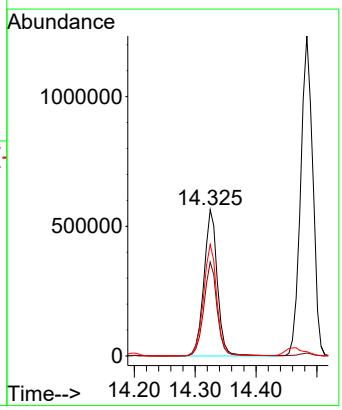
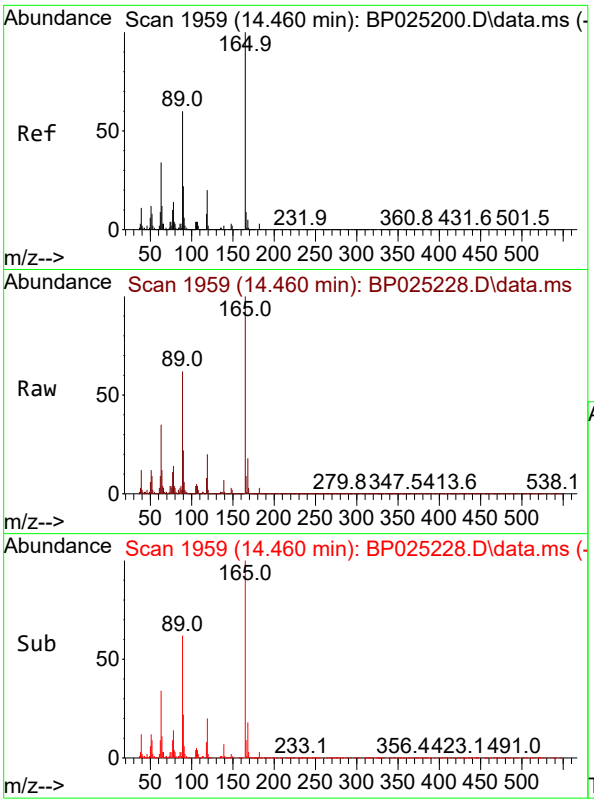


#56
4-Nitrophenol
Concen: 42.223 ng
RT: 14.325 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:139 Resp: 863006

Ion	Ratio	Lower	Upper
139	100		
109	64.2	42.6	82.6
65	76.2	55.4	95.4

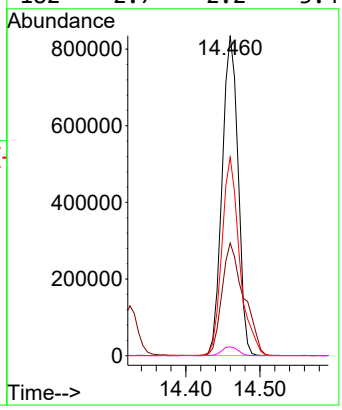




#57
2,4-Dinitrotoluene
Concen: 42.047 ng
RT: 14.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:165 Resp: 124666

Ion	Ratio	Lower	Upper
165	100		
63	35.2	27.0	40.4
89	62.0	47.8	71.6
182	2.7	2.2	3.4



Instrument :
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ClientSampleId :
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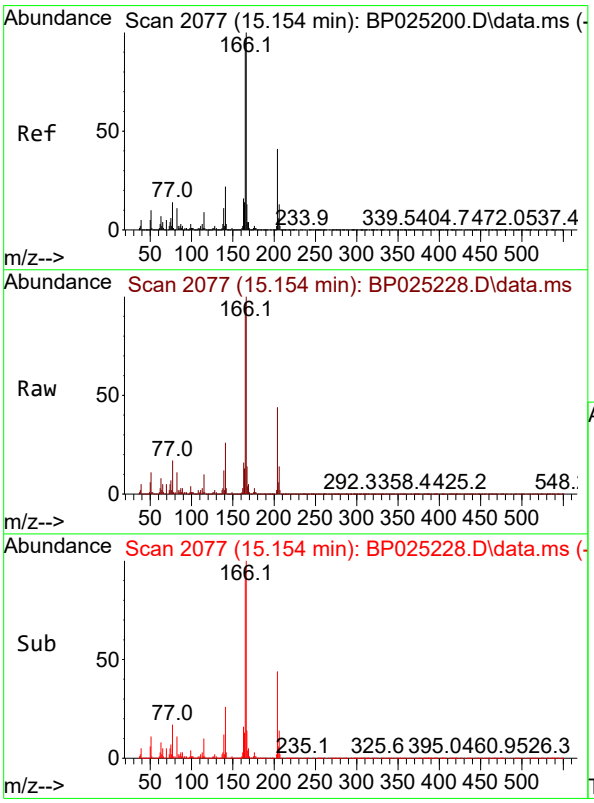
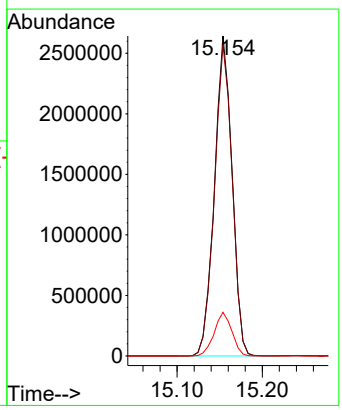
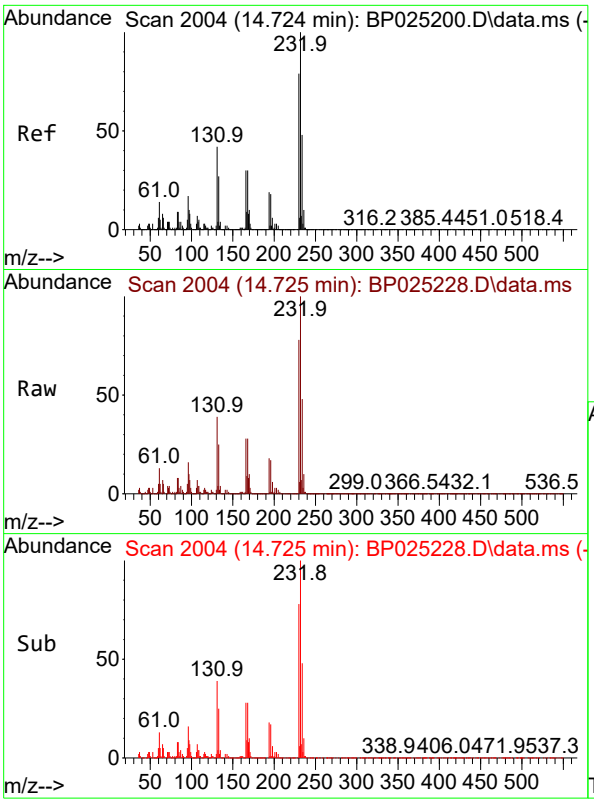


#58
Fluorene
Concen: 41.137 ng
RT: 15.154 min Scan# 2077
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:166 Resp: 3806233

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.0	117.0
167	13.7	10.7	16.1

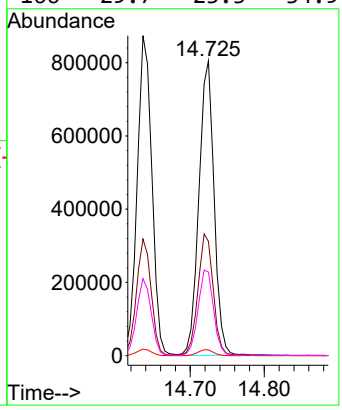




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.296 ng
RT: 14.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:232 Resp: 114993

Ion	Ratio	Lower	Upper
232	100		
131	41.2	32.6	48.8
130	2.1	1.6	2.4
166	29.7	23.3	34.9



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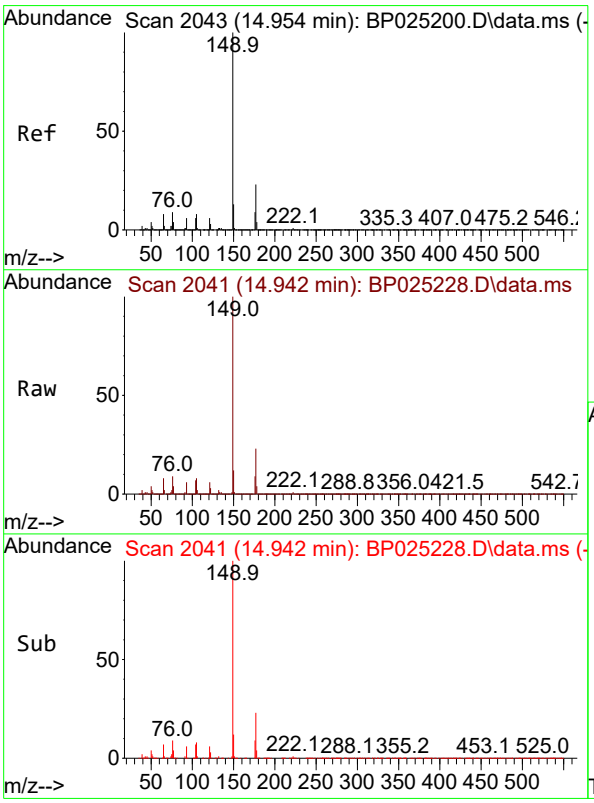
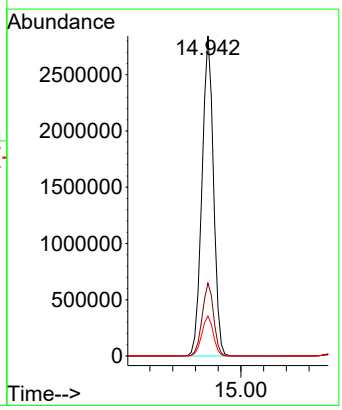
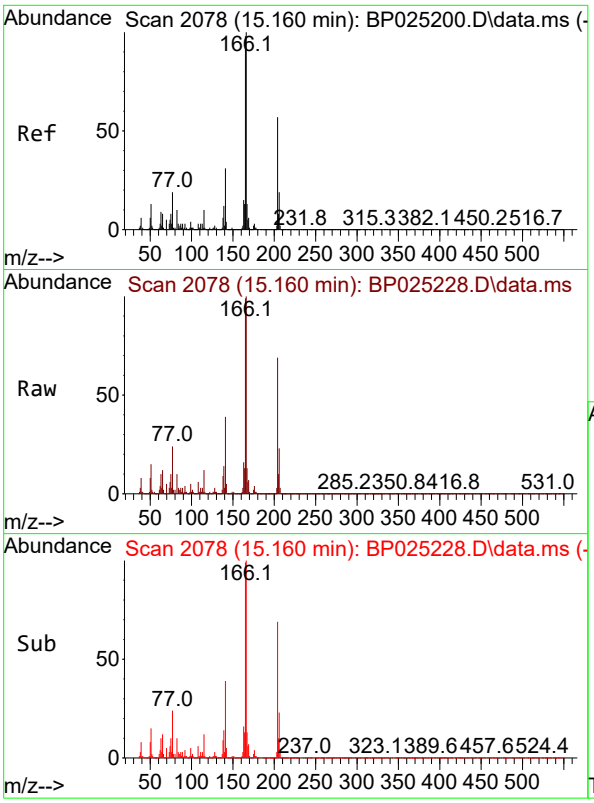


#60
Diethylphthalate
Concen: 41.387 ng
RT: 14.942 min Scan# 2041
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3976402

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.5	10.0	15.0

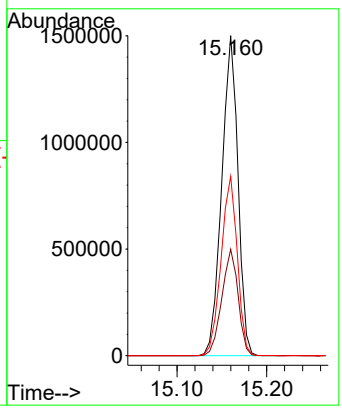




#61
4-Chlorophenyl-phenylether
Concen: 40.260 ng
RT: 15.160 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:204 Resp: 188230

Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	56.1	43.0	64.6



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ClientSampleId :
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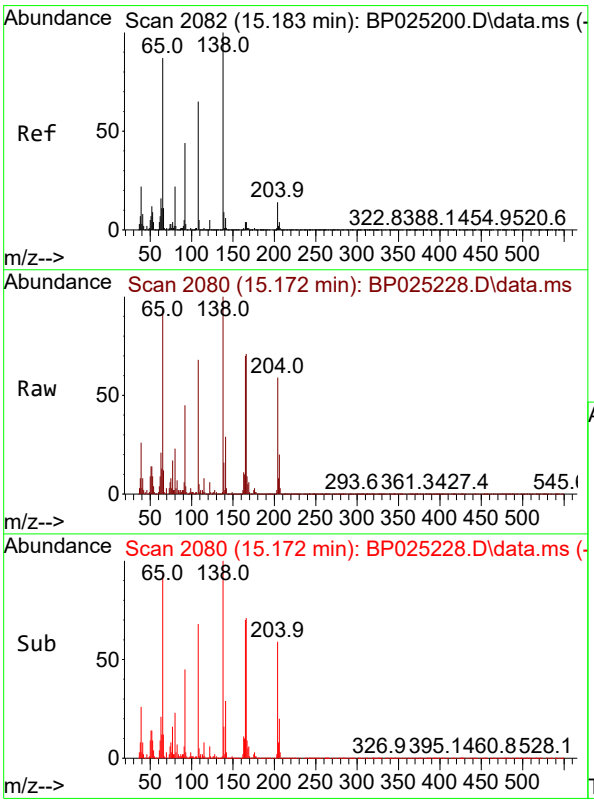
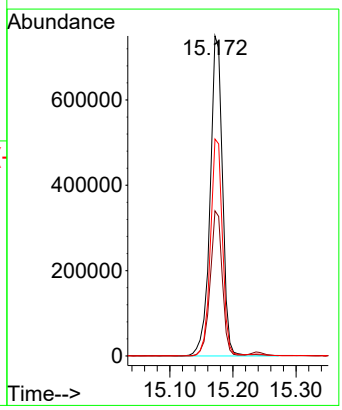
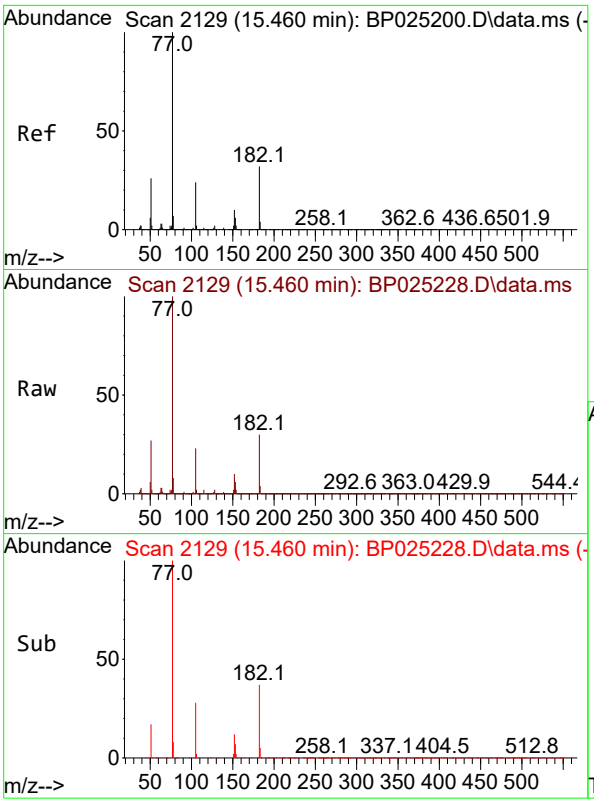


#62
4-Nitroaniline
Concen: 42.134 ng
RT: 15.172 min Scan# 2080
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:138 Resp: 1023508

Ion	Ratio	Lower	Upper
138	100		
92	45.3	24.0	64.0
108	67.8	44.9	84.9

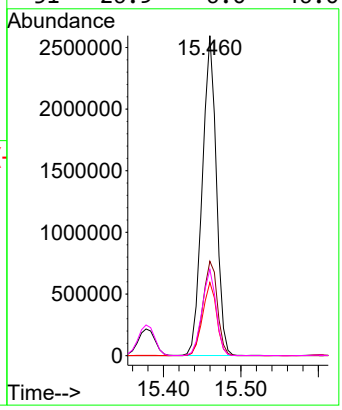




#63
Azobenzene
Concen: 41.714 ng
RT: 15.460 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion: 77 Resp: 326601

Ion	Ratio	Lower	Upper
77	100		
182	29.5	12.0	52.0
105	22.9	3.6	43.6
51	26.9	6.0	46.0



Instrument :
BNA_P
ClientSampleId :
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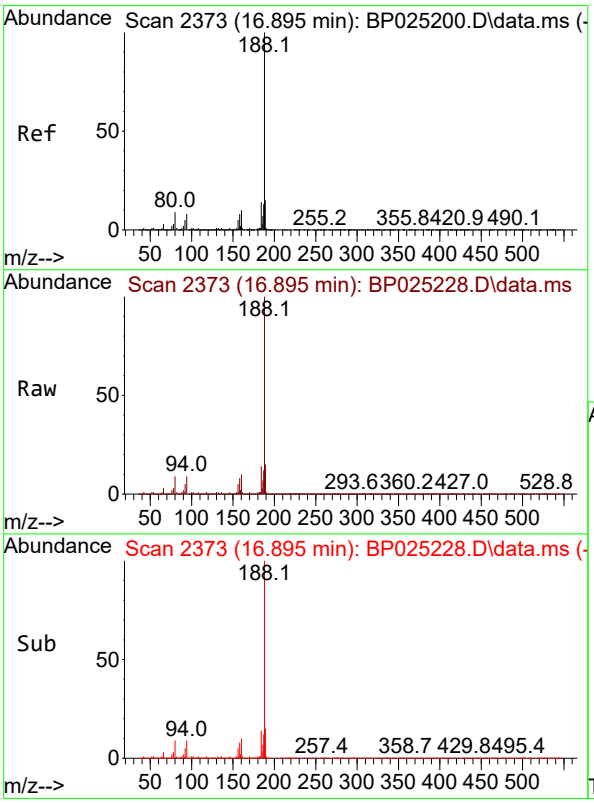
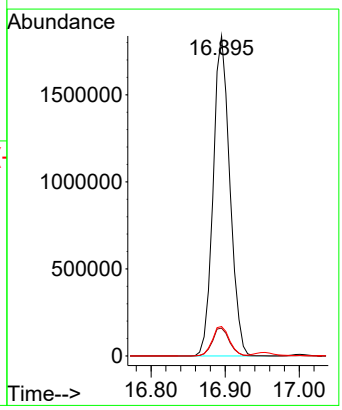
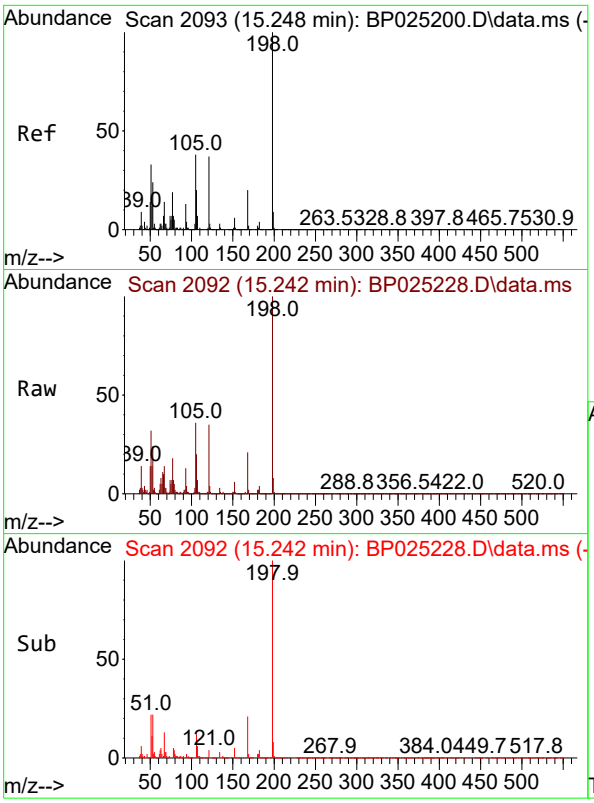


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2373
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:188 Resp: 2867783

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.8	10.2
80	9.2	7.3	10.9

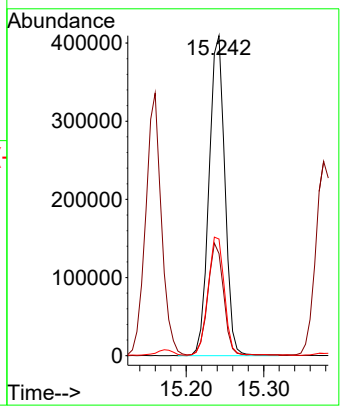




#65
4,6-Dinitro-2-methylphenol
Concen: 31.439 ng
RT: 15.242 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:198 Resp: 58185

Ion	Ratio	Lower	Upper
198	100		
51	31.9	14.6	54.6
105	36.5	18.3	58.3



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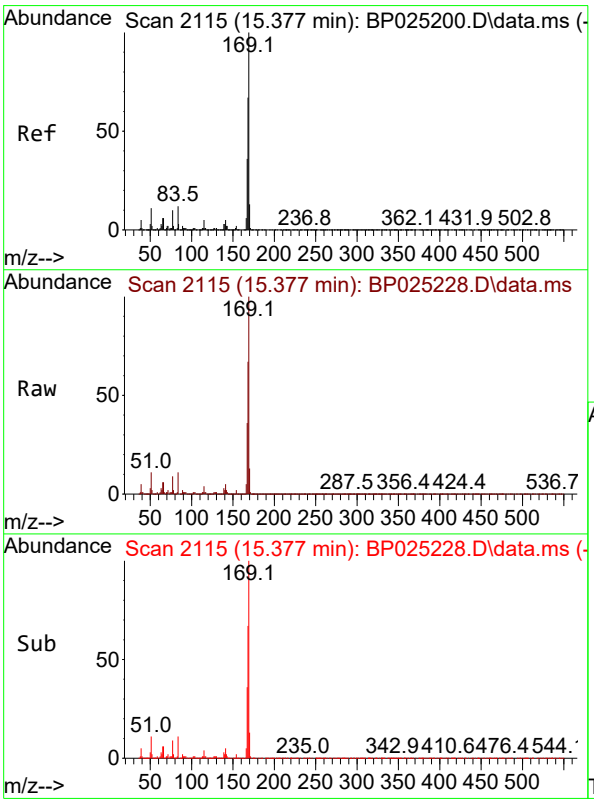
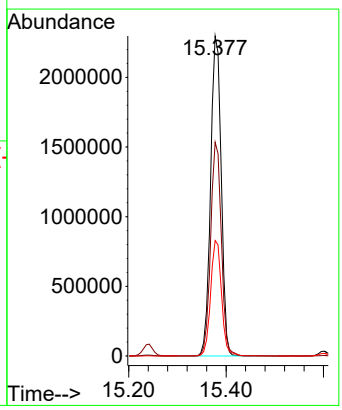
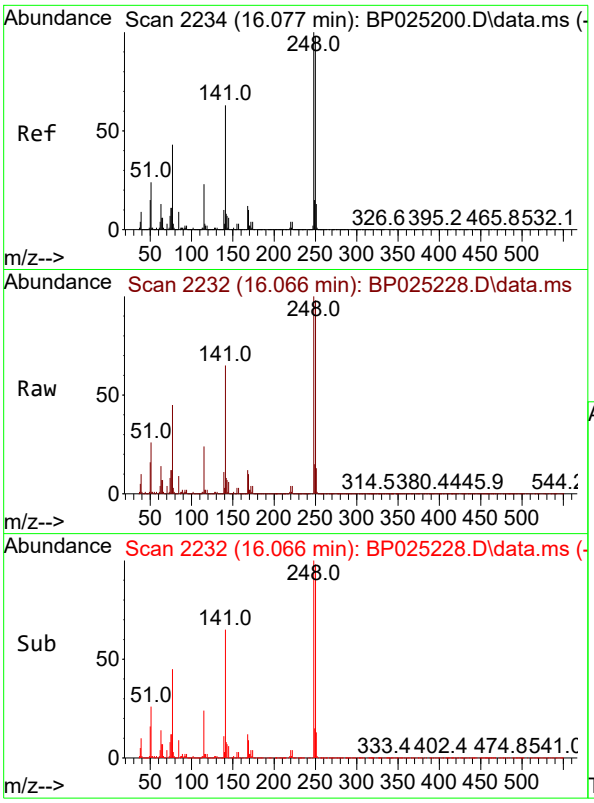


#66
n-Nitrosodiphenylamine
Concen: 39.689 ng
RT: 15.377 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:169 Resp: 3454679

Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	36.1	29.0	43.6





#67
4-Bromophenyl-phenylether
Concen: 38.788 ng
RT: 16.066 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:248 Resp: 129818

Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.5	117.7
141	65.0	50.5	75.7

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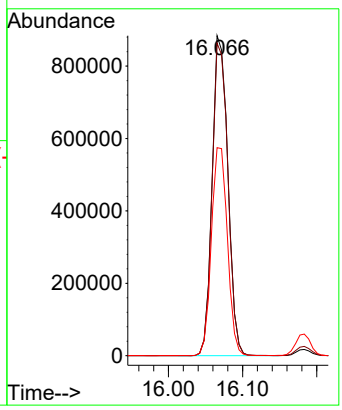
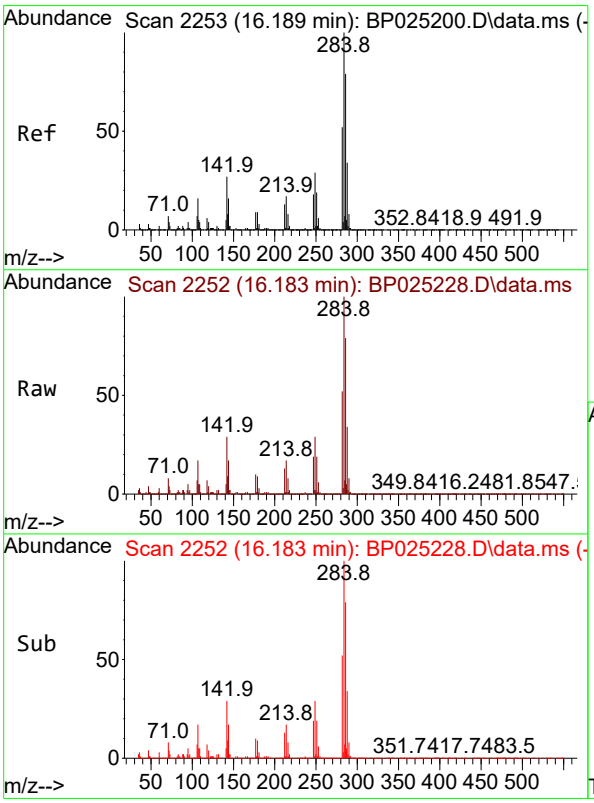
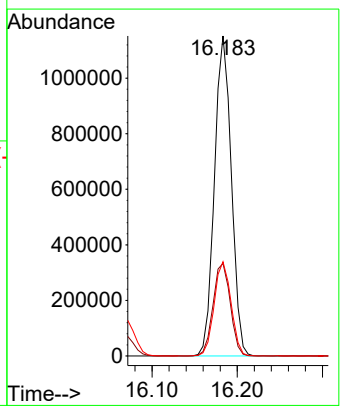


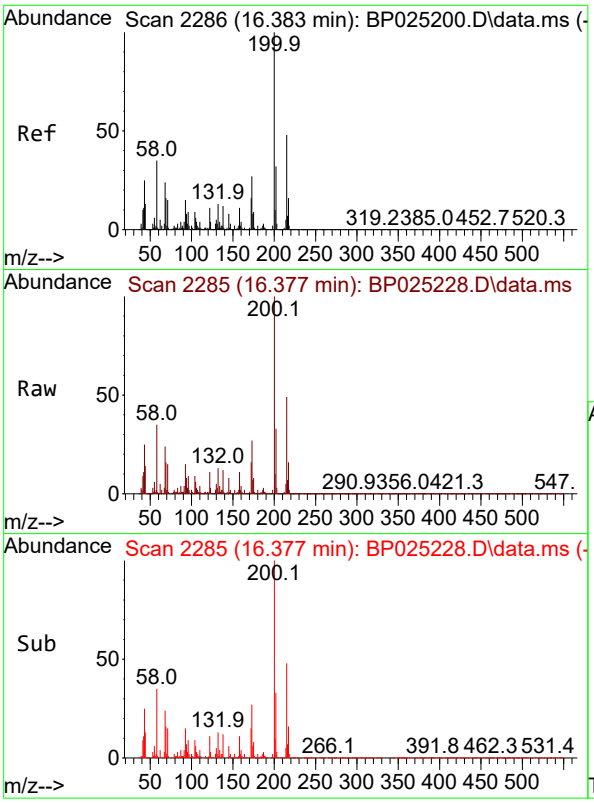


#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:284 Resp: 1585091

Ion	Ratio	Lower	Upper
284	100		
142	29.0	21.5	32.3
249	29.4	23.4	35.0

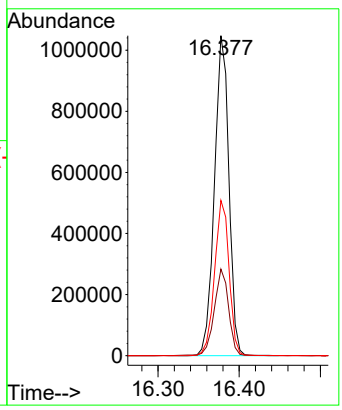




#69
Atrazine
Concen: 40.212 ng
RT: 16.377 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:200 Resp: 129522

Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.4	47.4
215	48.5	28.5	68.5



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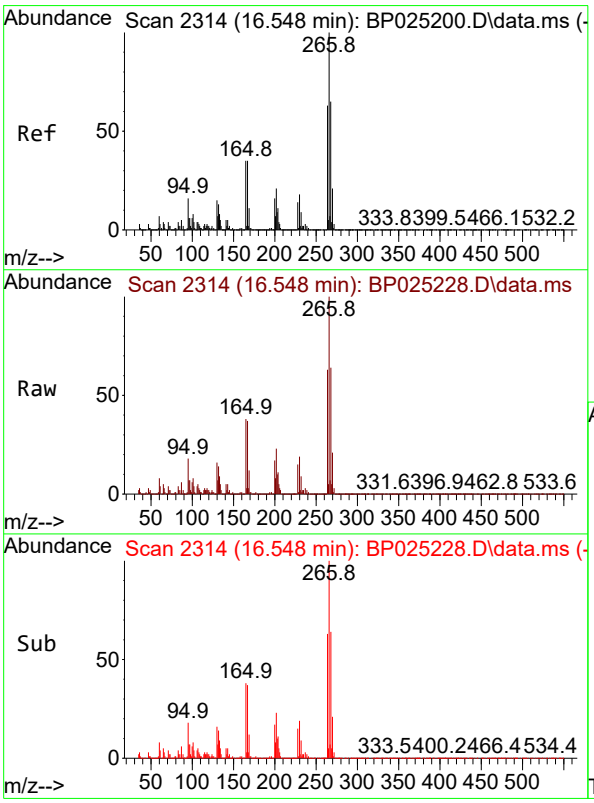
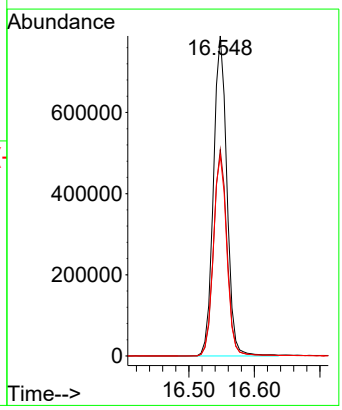
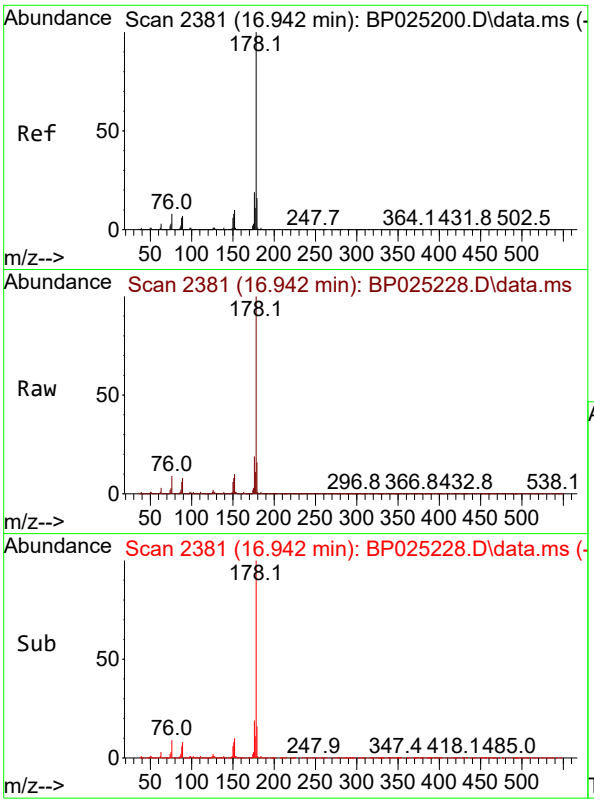


#70
Pentachlorophenol
Concen: 41.397 ng
RT: 16.548 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:266 Resp: 1118886

Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.8	77.6
264	62.5	50.3	75.5

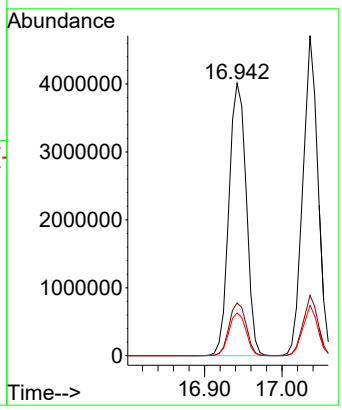




#71
Phenanthrene
Concen: 40.193 ng
RT: 16.942 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 621676

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.5	18.7



Instrument :
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ClientSampleId :
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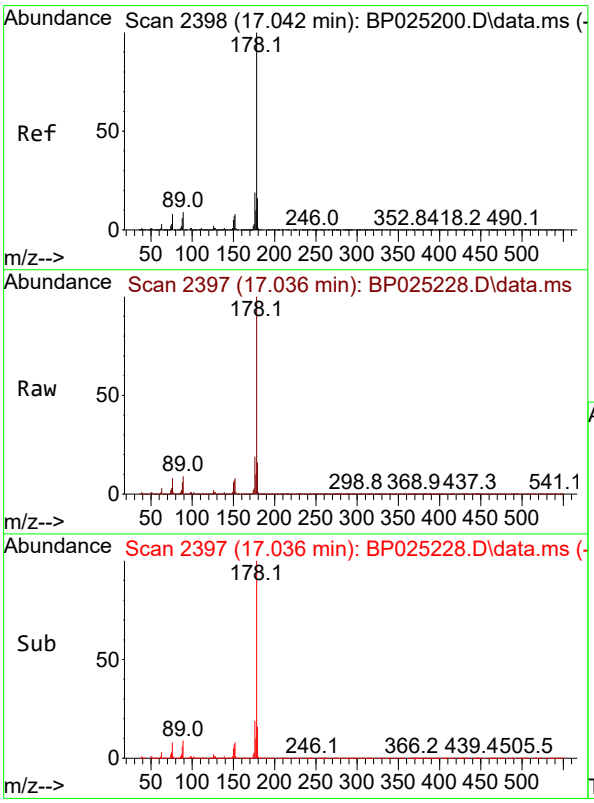
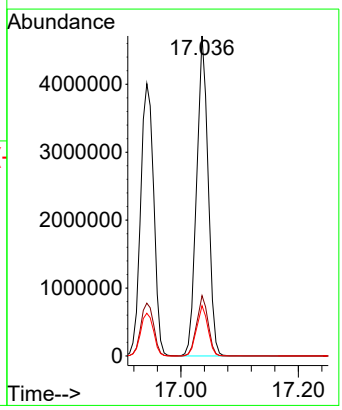
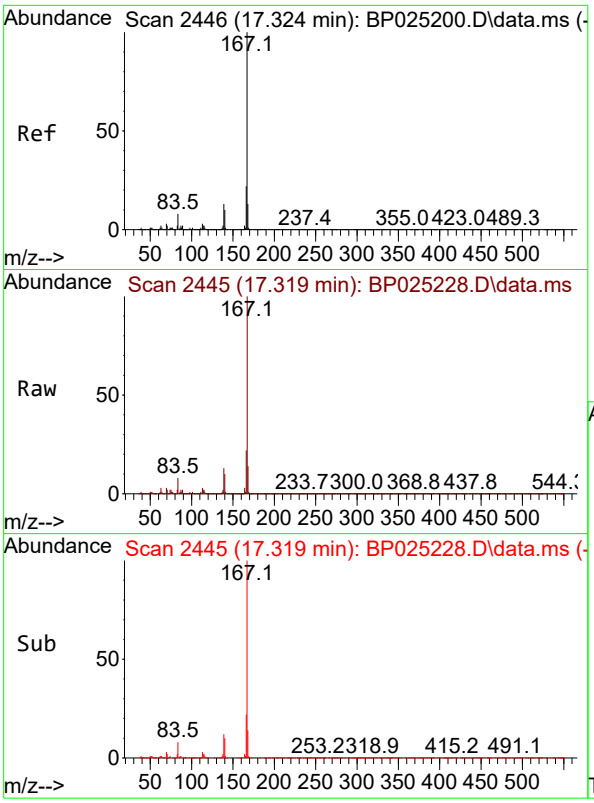


#72
Anthracene
Concen: 41.055 ng
RT: 17.036 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:178 Resp: 6397046

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.7	12.5	18.7

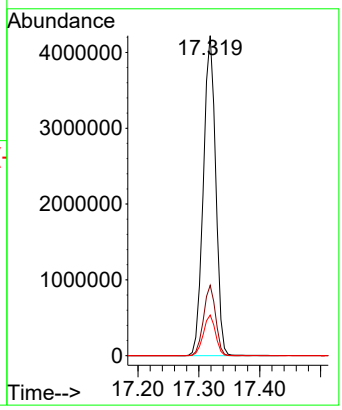




#73
Carbazole
Concen: 39.986 ng
RT: 17.319 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:167 Resp: 594767

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.3	25.9
139	12.7	10.1	15.1



Instrument :
BNA_P
ClientSampleId :
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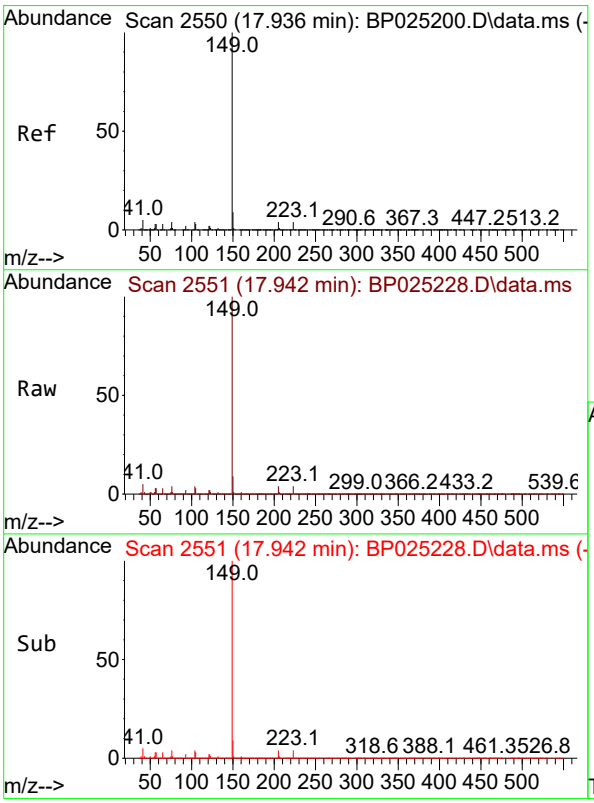
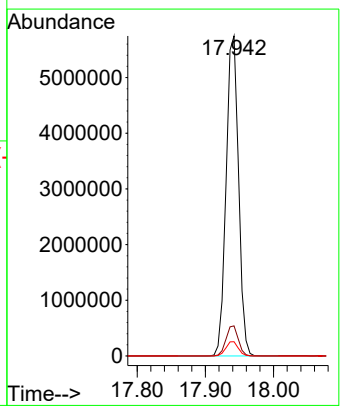
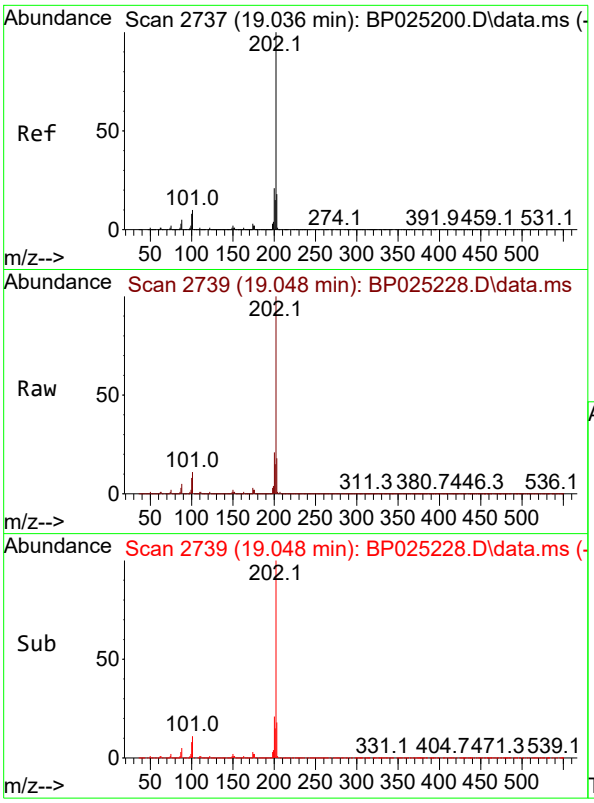


#74
Di-n-butylphthalate
Concen: 42.462 ng
RT: 17.942 min Scan# 2551
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 7287726

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.5	3.5	5.3

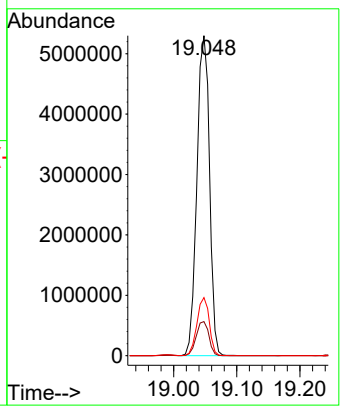




#75
Fluoranthene
Concen: 40.231 ng
RT: 19.048 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 732352

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
203	18.1	0.0	38.0



Instrument :
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ClientSampleId :
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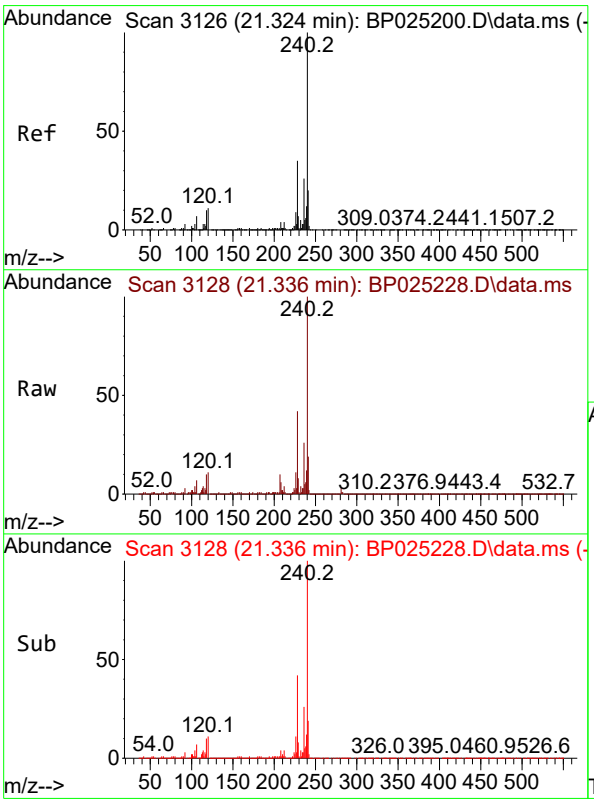
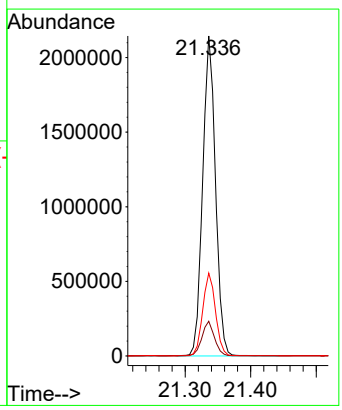
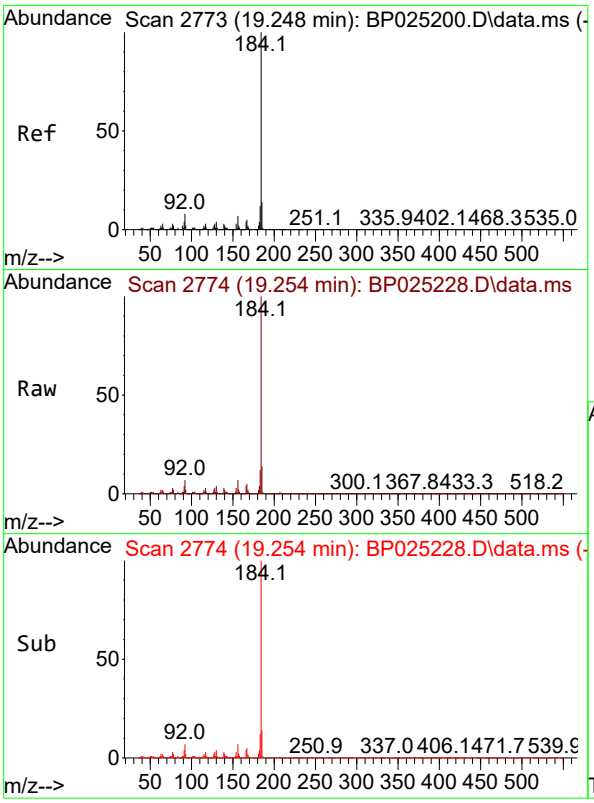


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.336 min Scan# 3128
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:240 Resp: 2918399

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.8	13.2
236	25.9	20.9	31.3

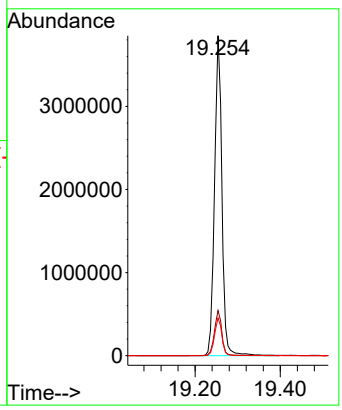




#77
Benzidine
Concen: 45.096 ng
RT: 19.254 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:184 Resp: 462044

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.5	17.3
183	11.8	9.6	14.4



Instrument :
BNA_P
ClientSampleId :
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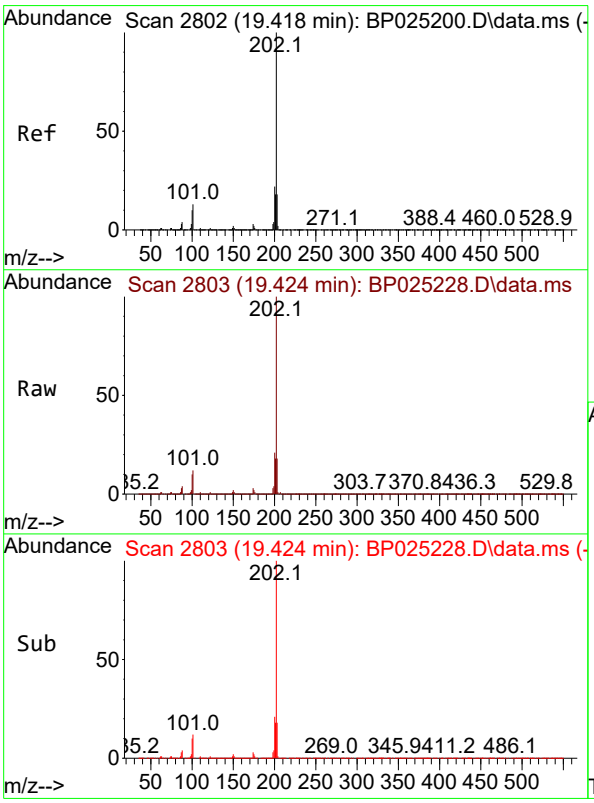
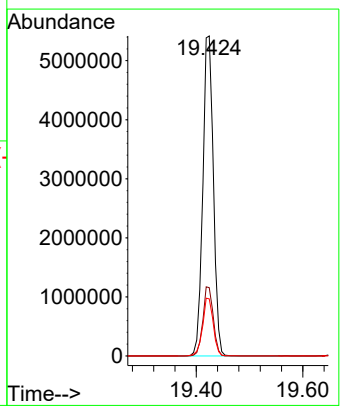
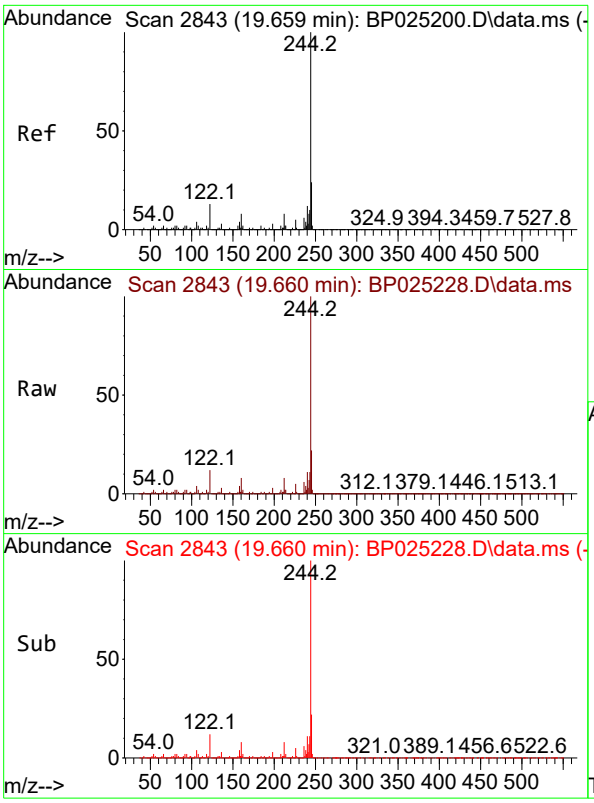


#78
Pyrene
Concen: 41.413 ng
RT: 19.424 min Scan# 2803
Delta R.T. 0.006 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:202 Resp: 7452139

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

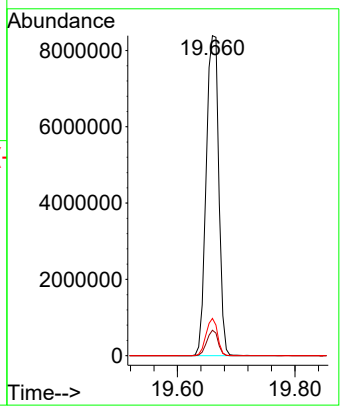




#79
Terphenyl-d14
Concen: 84.502 ng
RT: 19.660 min Scan# 2
Delta R.T. 0.001 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:244 Resp:1249278

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	9.8
122	11.6	10.3	15.5



Instrument :
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ClientSampleId :
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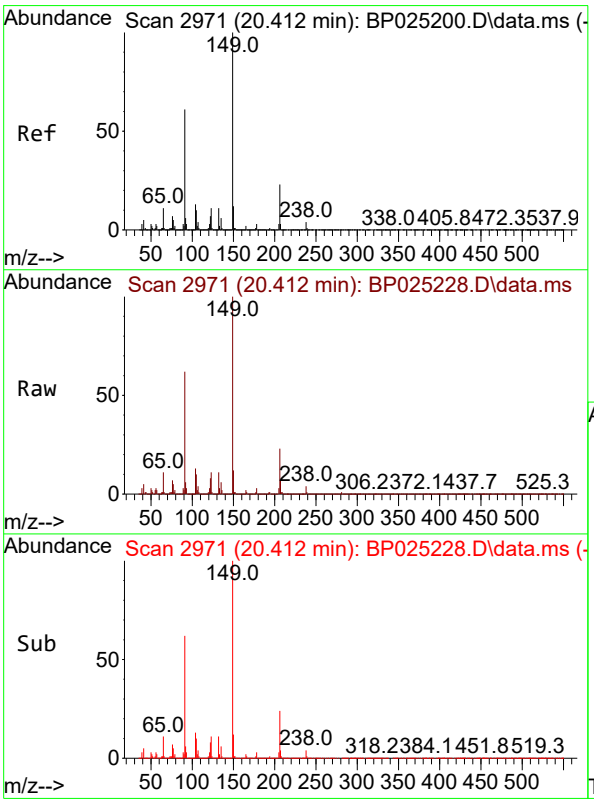
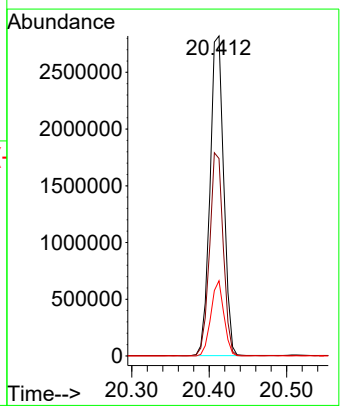
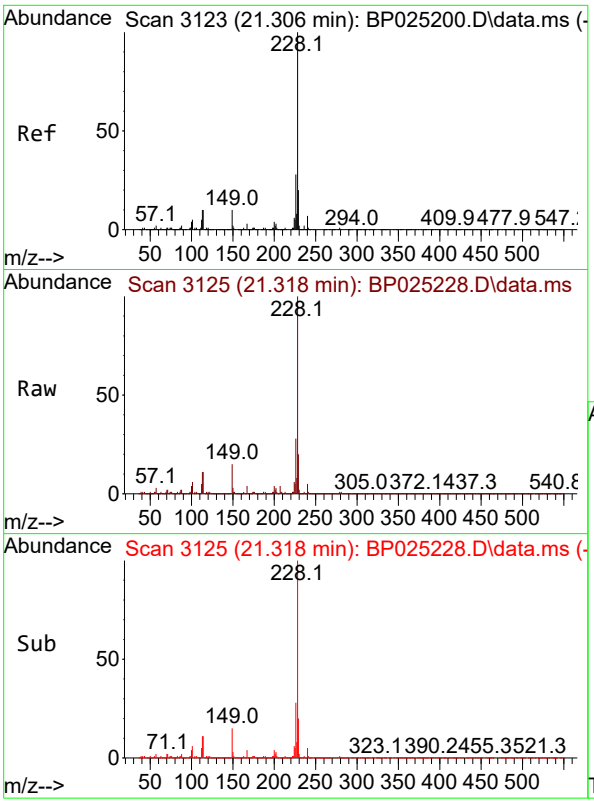


#80
Butylbenzylphthalate
Concen: 42.660 ng
RT: 20.412 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 3474816

Ion	Ratio	Lower	Upper
149	100		
91	61.7	48.8	73.2
206	23.5	18.4	27.6

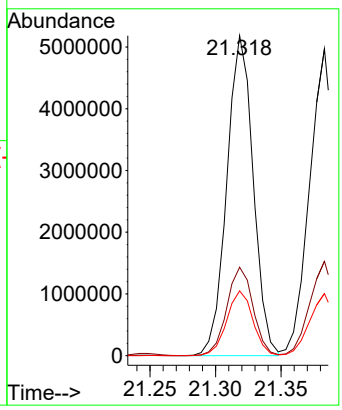




#81
Benzo(a)anthracene
Concen: 39.386 ng
RT: 21.318 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:228 Resp: 725883

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.2	16.2	24.2



Instrument :
BNA_P
ClientSampleId :
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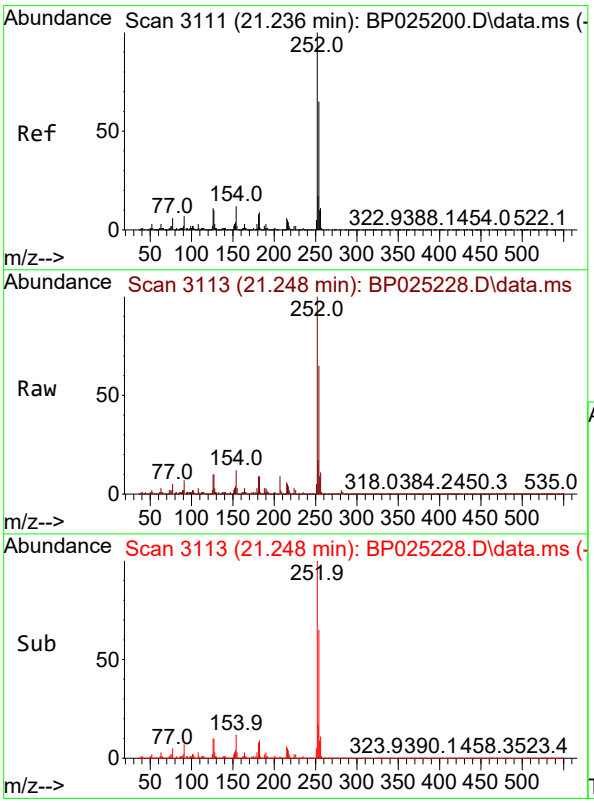
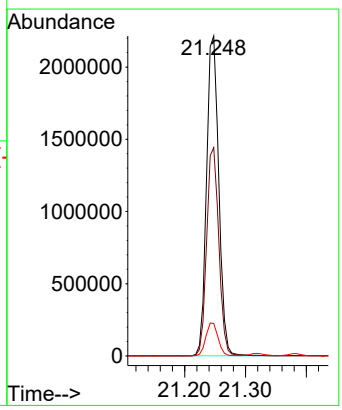
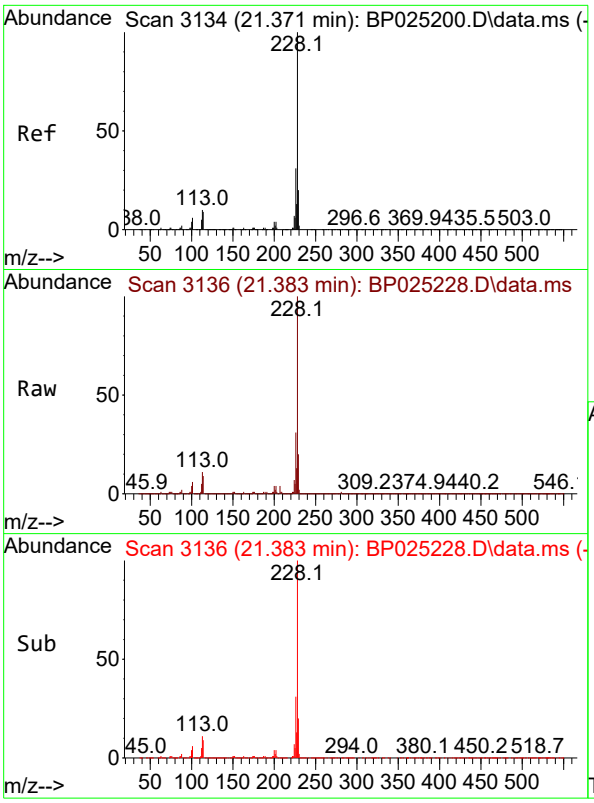


#82
3,3'-Dichlorobenzidine
Concen: 40.337 ng
RT: 21.248 min Scan# 3113
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 3081562

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	10.2	8.6	12.8

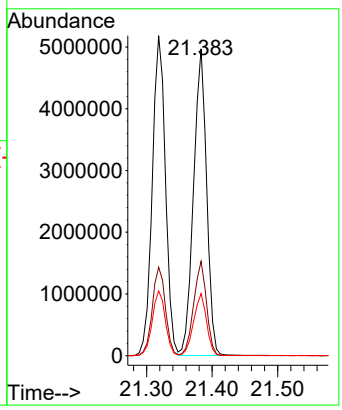




#83
Chrysene
Concen: 40.130 ng
RT: 21.383 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:228 Resp: 690405

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	20.2	16.0	24.0



Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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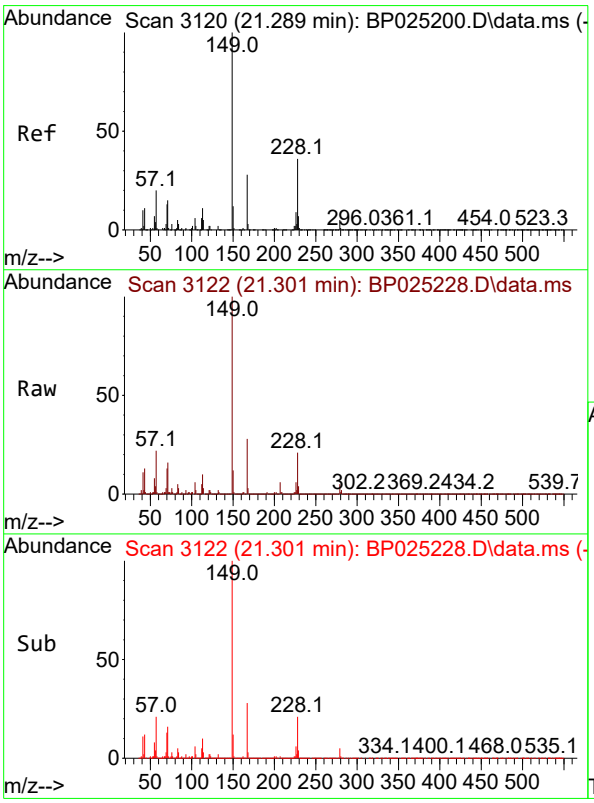
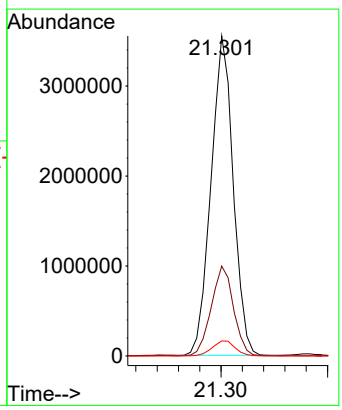
Supervised By :Jagrut Upadhyay 07/24/2025

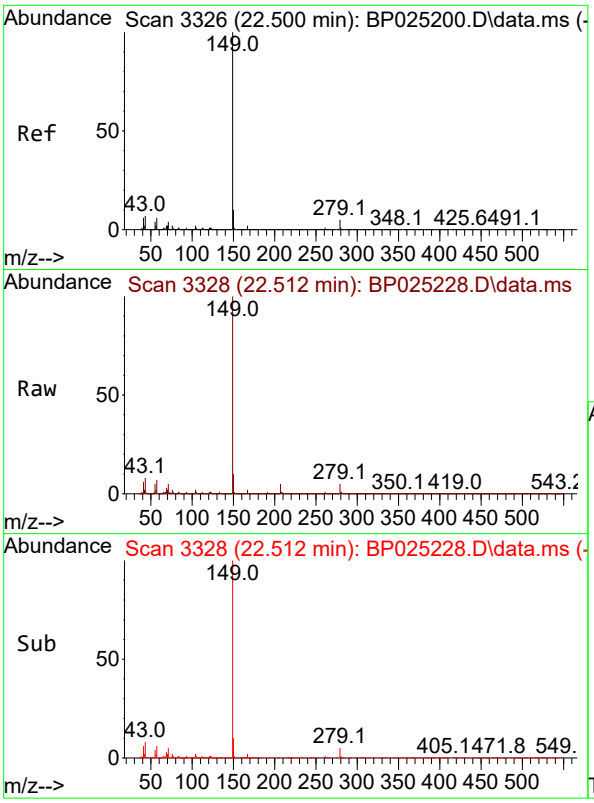


#84
Bis(2-ethylhexyl)phthalate
Concen: 44.060 ng
RT: 21.301 min Scan# 3122
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 5131749

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.7	4.0	6.0





#85
Di-n-octyl phthalate
Concen: 43.487 ng
RT: 22.512 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:149 Resp: 874635

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.1	9.1

Instrument :
BNA_P
ClientSampleId :
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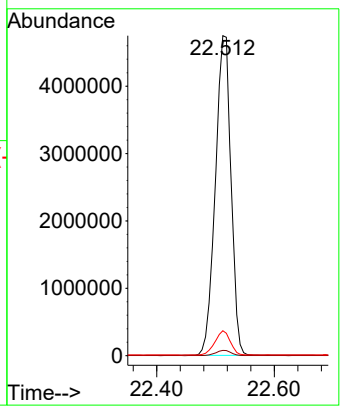
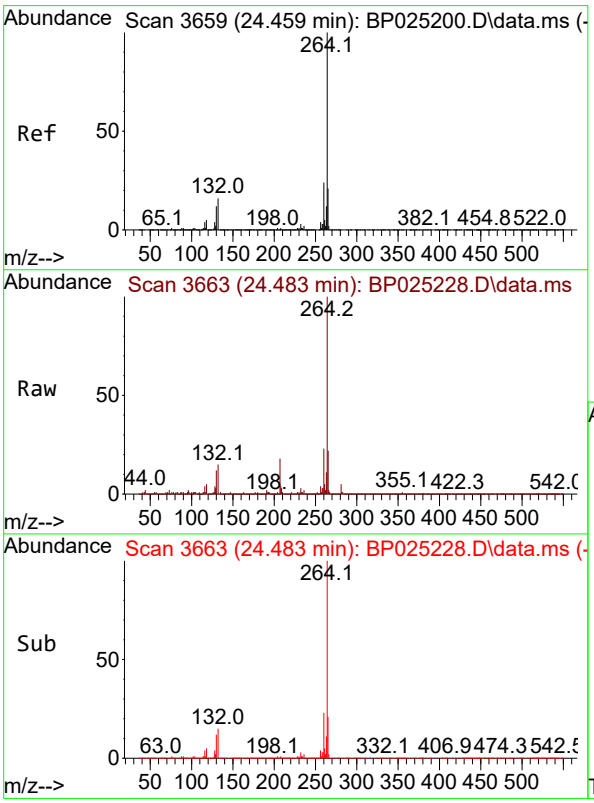
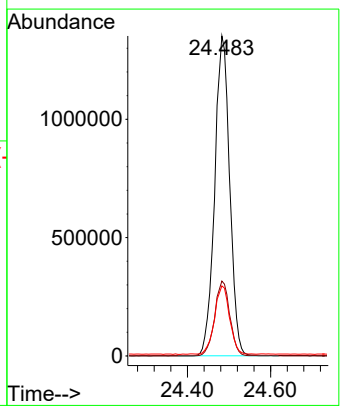


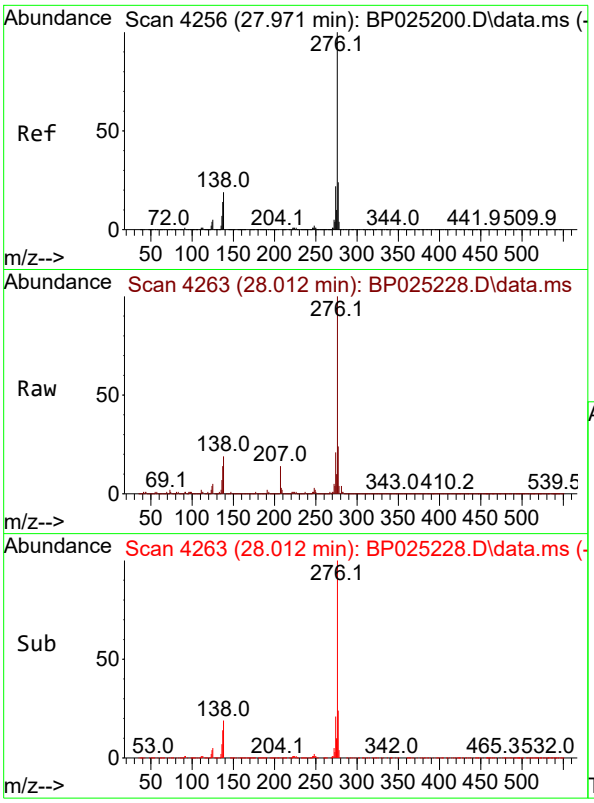


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:264 Resp: 3385440

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.9	17.5	26.3

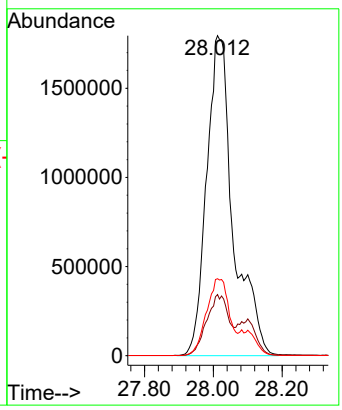




#87
Indeno(1,2,3-cd)pyrene
Concen: 39.107 ng m
RT: 28.012 min Scan# 4
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 967494

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.8	19.2
277	20.6	20.3	30.5



Instrument :
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ClientSampleId :
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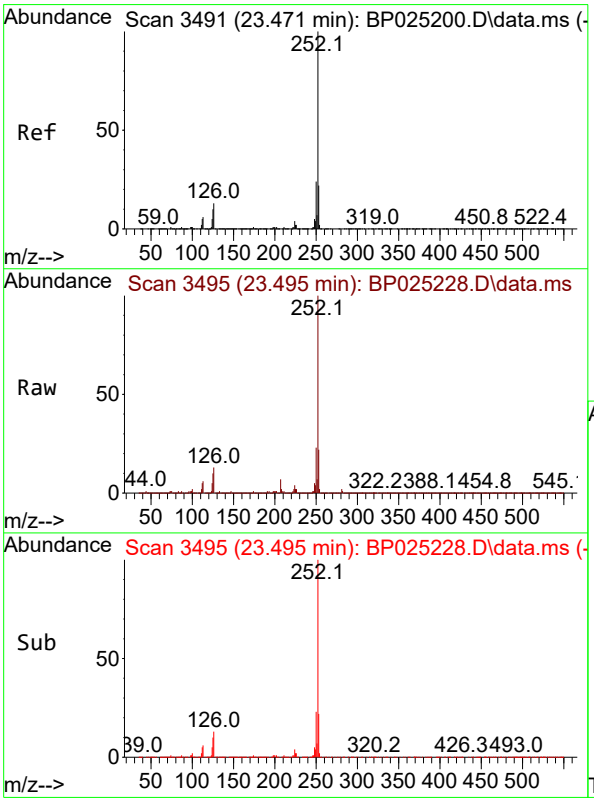
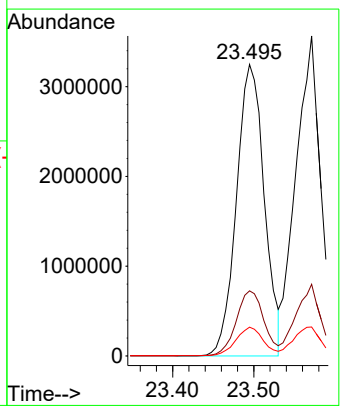
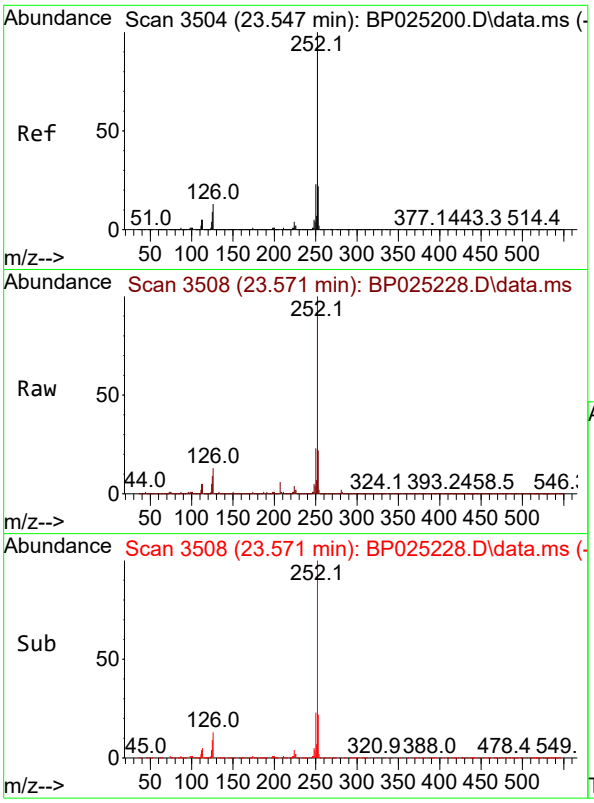


#88
Benzo(b)fluoranthene
Concen: 39.882 ng
RT: 23.495 min Scan# 3495
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7728646

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.9	7.8	11.8





#89
Benzo(k)fluoranthene
Concen: 39.445 ng
RT: 23.571 min Scan# 3
Delta R.T. 0.024 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 754621

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.1	7.5	11.3

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

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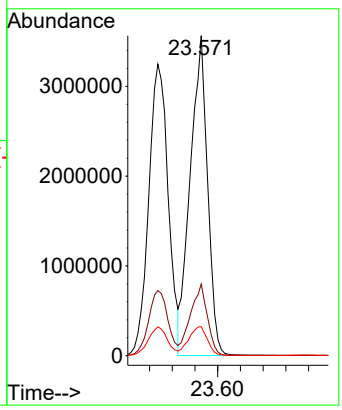
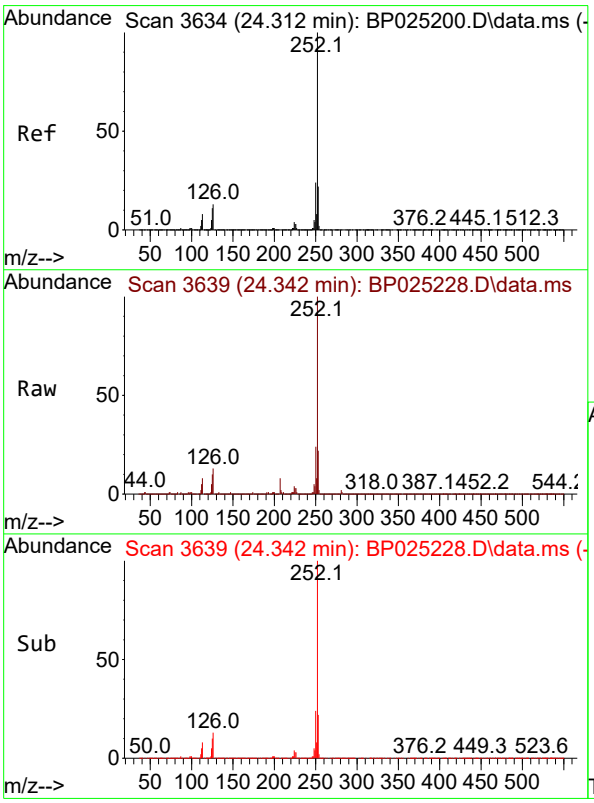
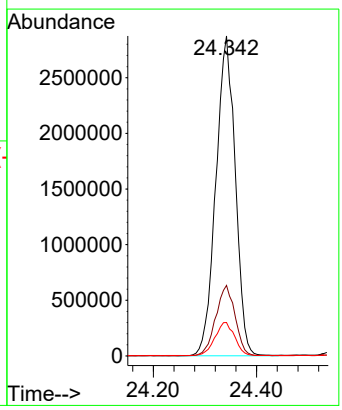


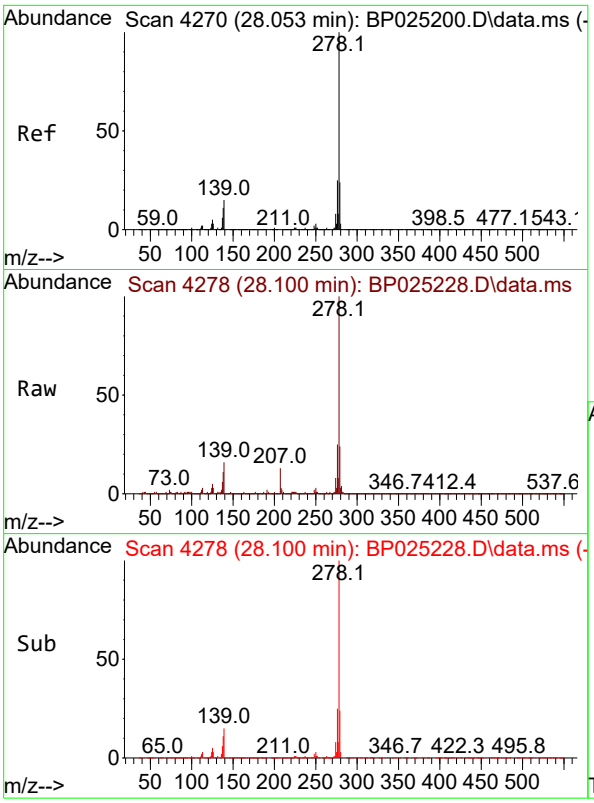


#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 24.342 min Scan# 3639
Delta R.T. 0.030 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:252 Resp: 7480970

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.5	8.6	12.8

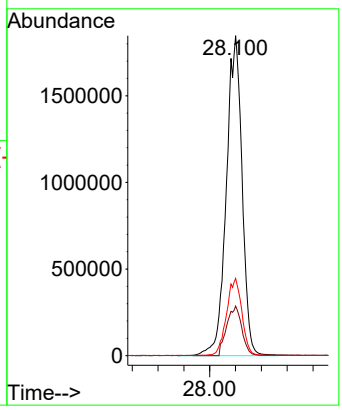




#91
Dibenzo(a,h)anthracene
Concen: 38.794 ng
RT: 28.100 min Scan# 4
Delta R.T. 0.047 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:278 Resp: 783023

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.0	18.0
279	24.2	19.5	29.3



Instrument :
BNA_P
ClientSampleId :
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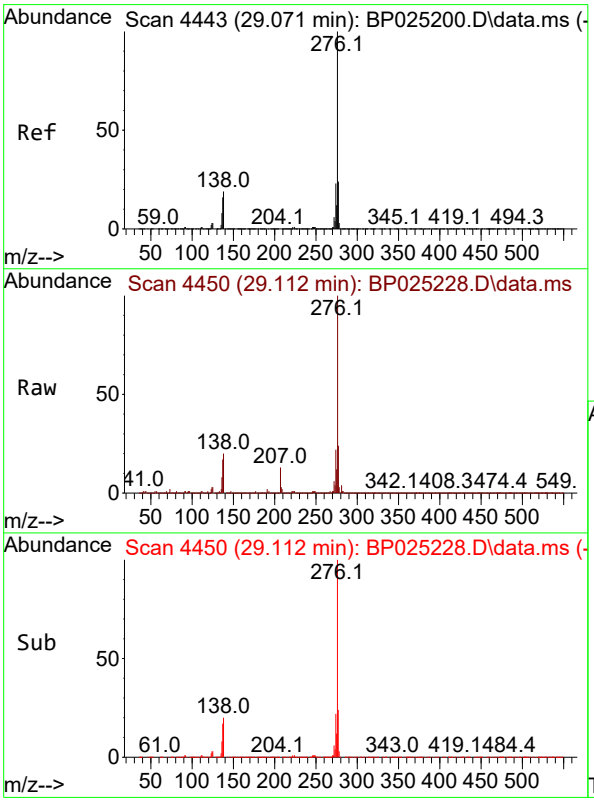
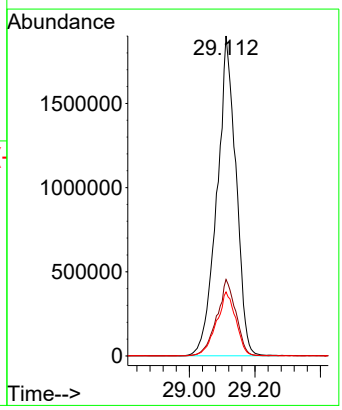


#92
Benzo(g,h,i)perylene
Concen: 38.429 ng
RT: 29.112 min Scan# 4450
Delta R.T. 0.041 min
Lab File: BP025228.D
Acq: 23 Jul 2025 18:16

Tgt Ion:276 Resp: 7622690

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	20.0	15.4	23.2