Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
Acq On : 10 Jul 2025 22:31
Operator : CG/JU
Sample : Q2526-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Quant Time: Jul 11 02:33:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	599678	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	2535972	20.000	ng	0.00
39) Acenaphthene-d10	14.084	164	1716436	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	3169042	20.000	ng	#-0.01
76) Chrysene-d12	21.330	240	3982008	20.000	ng	-0.01
86) Perylene-d12	24.466	264	4052241	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1989566	58.785	ng	0.00
7) Phenol-d6	6.625	99	2617325	59.260	ng	0.00
23) Nitrobenzene-d5	8.566	82	1528995	40.097	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1335373	65.857	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	2483678	22.416	ng	0.00
79) Terphenyl-d14	19.678	244	3759639	20.751	ng	0.00
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	6.902	93	695057	20.125	ng	# 25
20) 3+4-Methylphenols	8.190	107	261876	6.467	ng	90
26) 2-Nitrophenol	9.296	139	214	3.312	ng	# 1
32) Benzoic acid	9.419	122	13725	6.654	ng	94
48) 2-Nitroaniline	13.166	65	1039	2.807	ng	# 30
54) 2,4-Dinitrophenol	14.201	184	403	5.418	ng	# 1
57) 2,4-Dinitrotoluene	14.507	165	1694	2.684	ng	# 58
63) Azobenzene	15.478	77	307911	2.865	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.213	198	657	5.619	ng	# 1
75) Fluoranthene	19.060	202	549132	2.774	ng	# 62
80) Butylbenzylphthalate	20.501	149	363602	7.215	ng	# 17
85) Di-n-octyl phthalate	22.513	149	6389	6.122	ng	# 66

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071025\
Data File : BP025094.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
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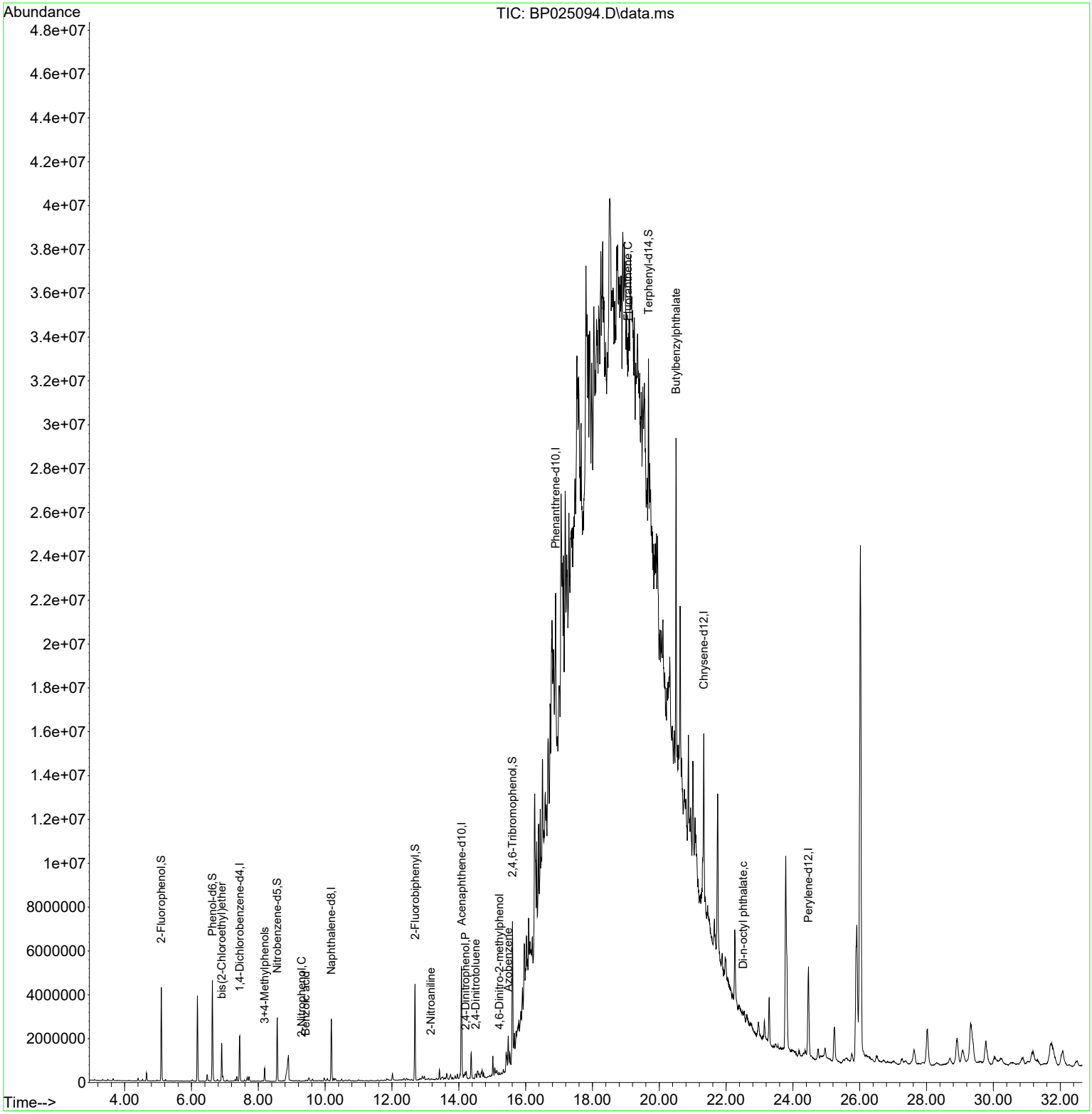
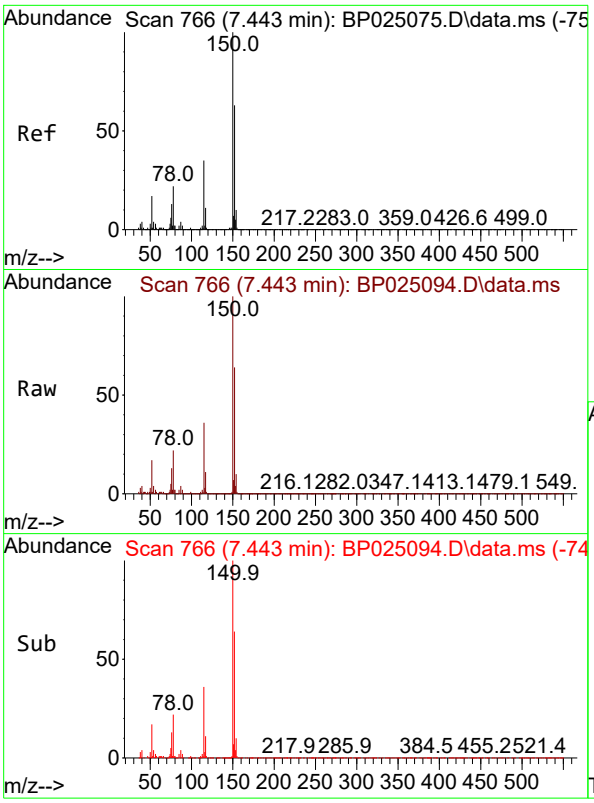
LAW-25-0102

Quant Time: Jul 11 02:33:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration



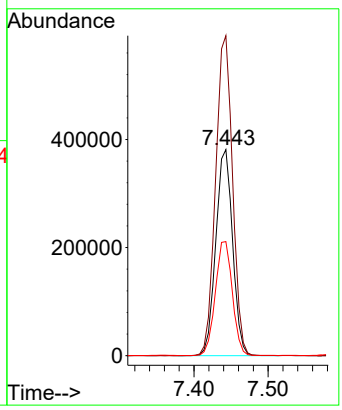


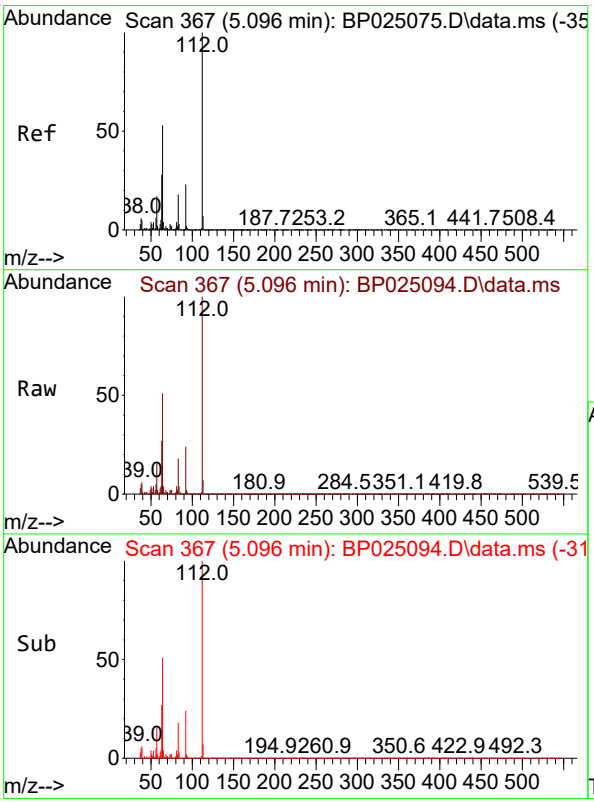
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:152 Resp: 599678

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.1	189.1
115	55.4	44.3	66.5

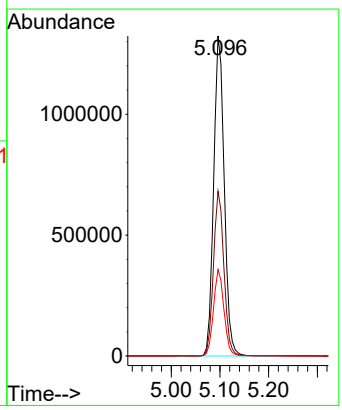


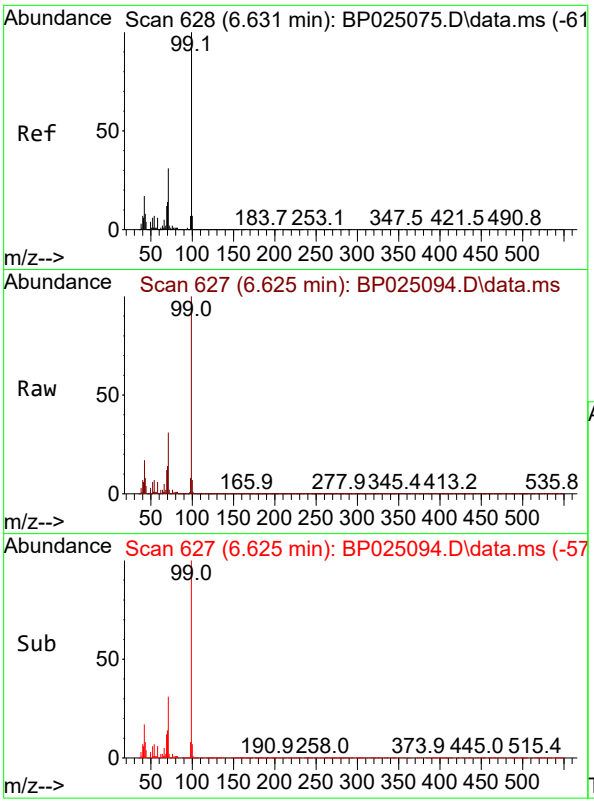


#5
2-Fluorophenol
Concen: 58.785 ng
RT: 5.096 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:112 Resp: 1989566

Ion	Ratio	Lower	Upper
112	100		
64	51.5	42.0	63.0
63	27.0	22.2	33.2



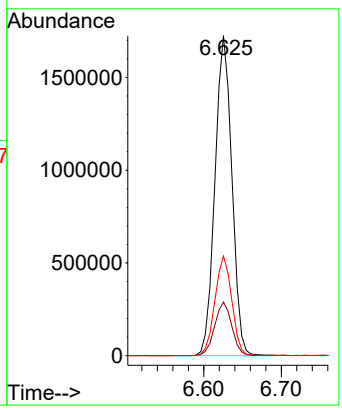


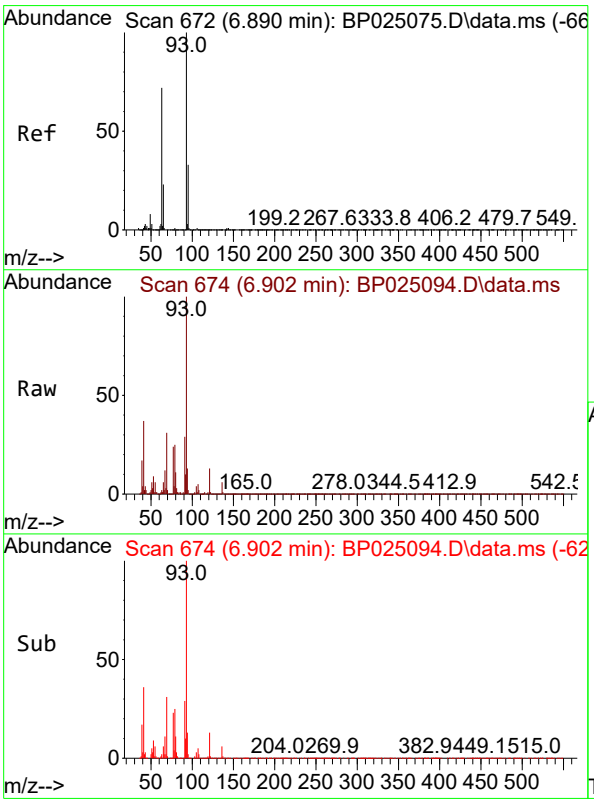
#7
Phenol-d6
Concen: 59.260 ng
RT: 6.625 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion: 99 Resp: 2617325

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	31.2	24.4	36.6

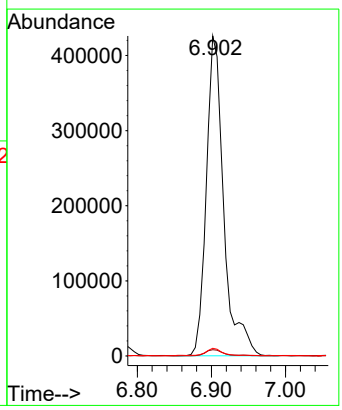


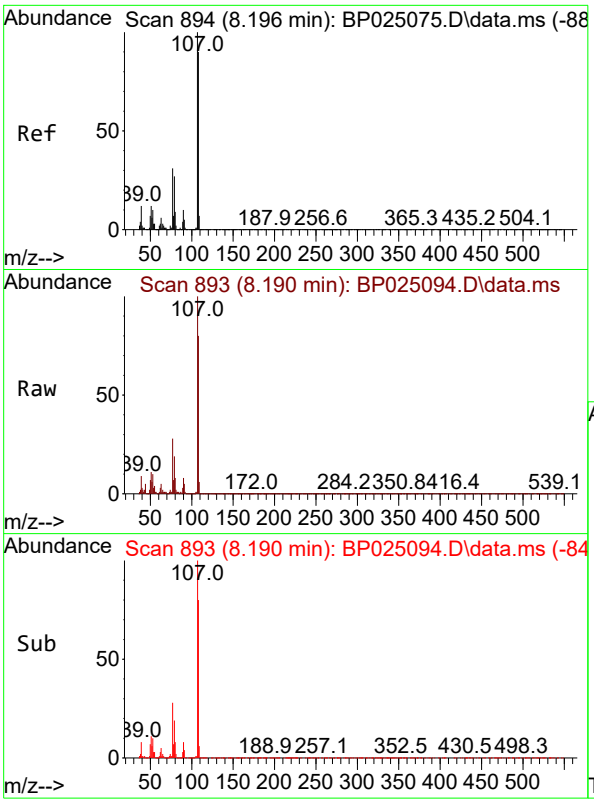


#11
bis(2-Chloroethyl)ether
Concen: 20.125 ng
RT: 6.902 min Scan# 674
Delta R.T. 0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion: 93 Resp: 695057

Ion	Ratio	Lower	Upper
93	100		
63	1.9	51.9	91.9#
95	2.4	12.4	52.4#



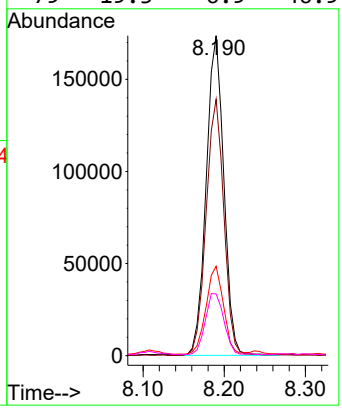


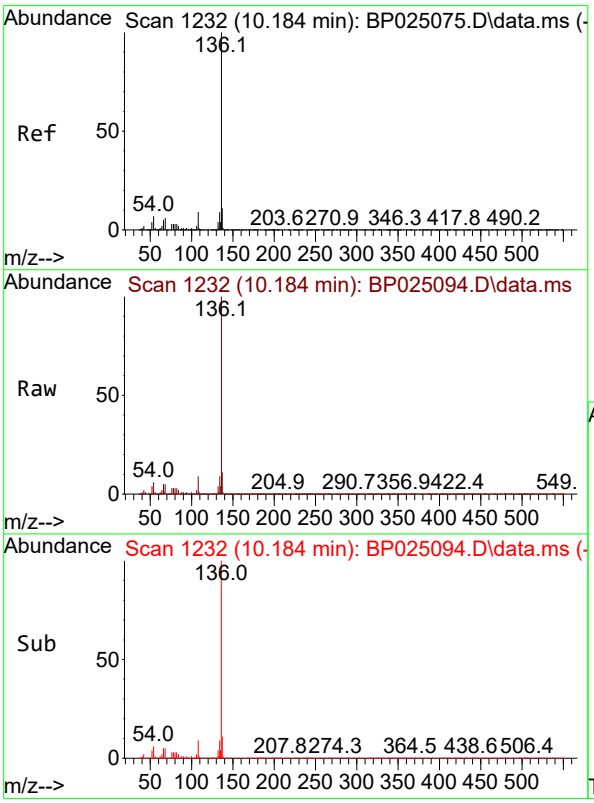
#20
3+4-Methylphenols
Concen: 6.467 ng
RT: 8.190 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:107 Resp: 261876

Ion	Ratio	Lower	Upper
107	100		
108	80.1	69.5	109.5
77	28.0	11.4	51.4
79	19.3	6.9	46.9

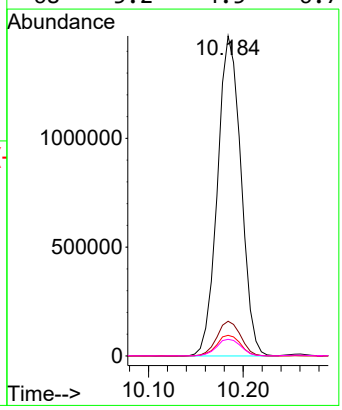


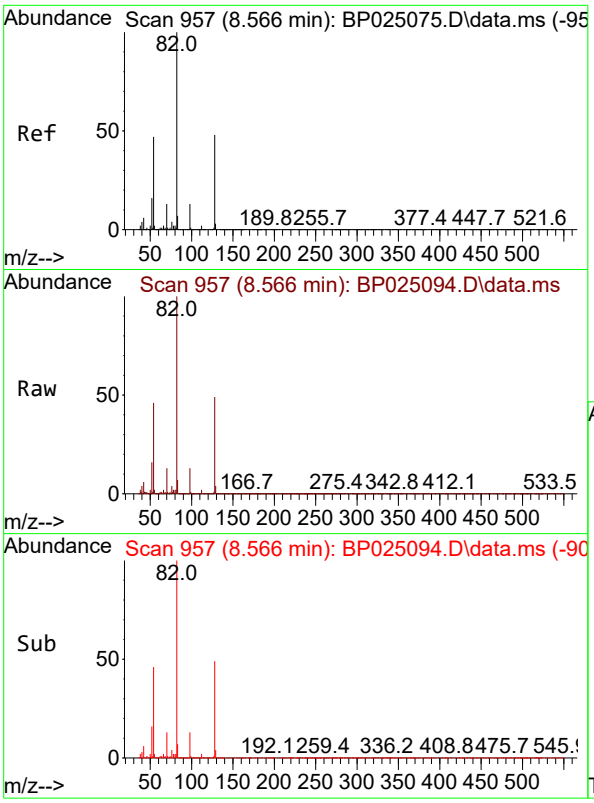


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:136 Resp: 2535972

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	5.4	8.2
68	5.2	4.5	6.7



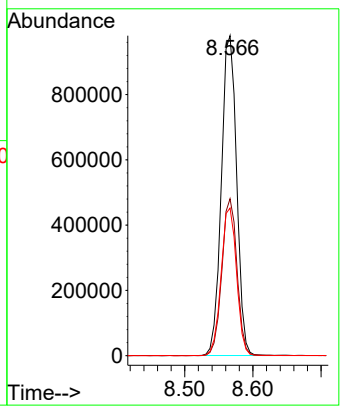


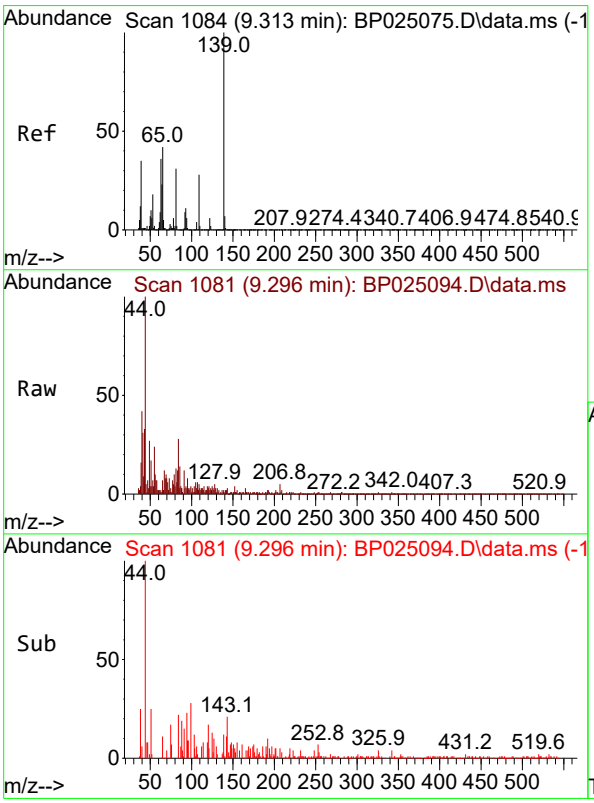
#23
Nitrobenzene-d5
Concen: 40.097 ng
RT: 8.566 min Scan# 9
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion: 82 Resp: 1528995

Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.4	57.6
54	46.2	37.8	56.6

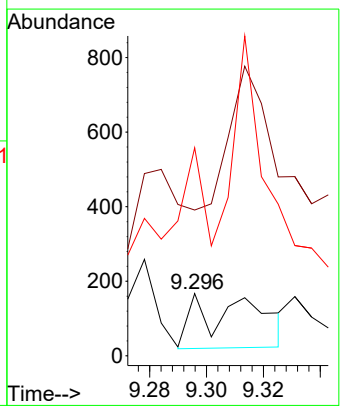


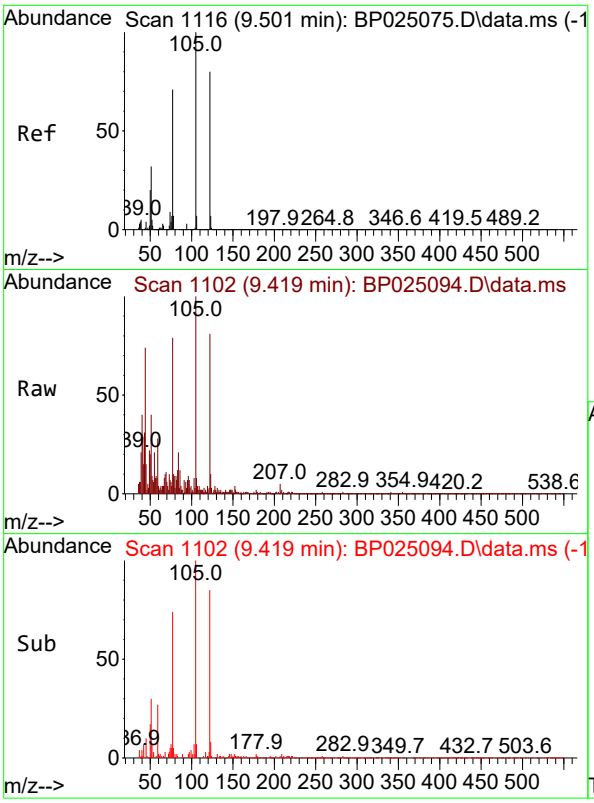


#26
2-Nitrophenol
Concen: 3.312 ng
RT: 9.296 min Scan# 1081
Delta R.T. -0.017 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:139 Resp: 214

Ion	Ratio	Lower	Upper
139	100		
109	219.7	22.3	33.5#
65	313.5	33.8	50.8#



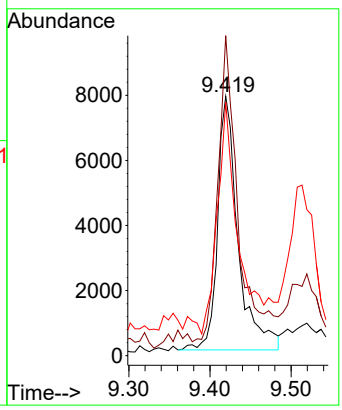


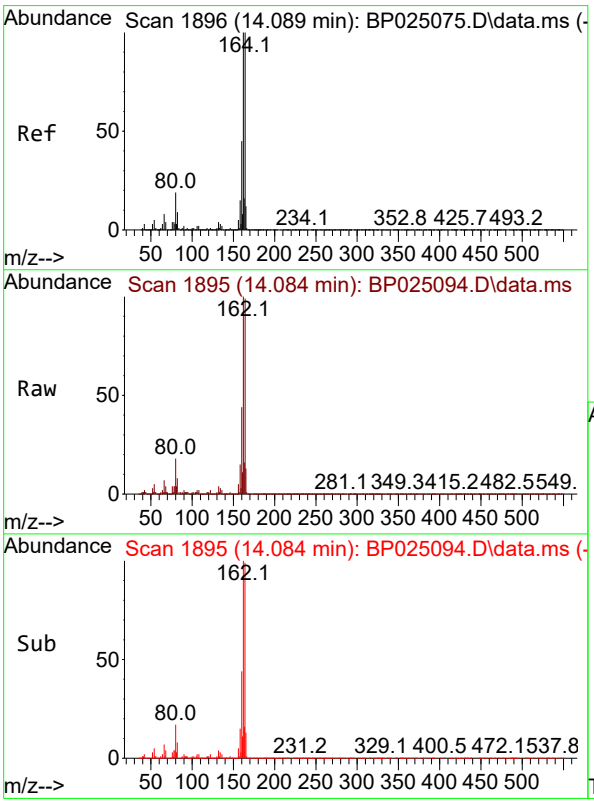
#32
Benzoic acid
Concen: 6.654 ng
RT: 9.419 min Scan# 11
Delta R.T. -0.082 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:122 Resp: 13725

Ion	Ratio	Lower	Upper
122	100		
105	123.4	101.0	141.0
77	97.8	67.6	107.6

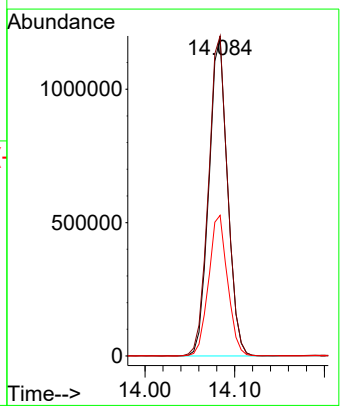


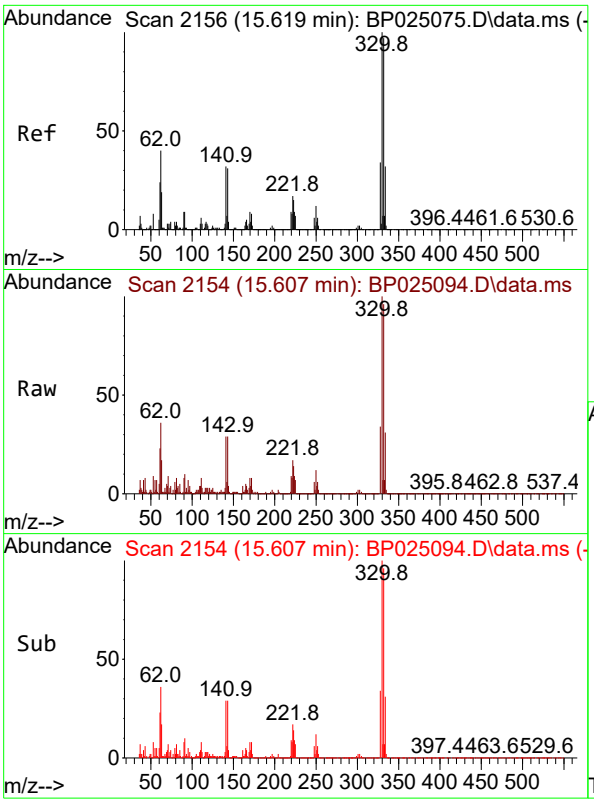


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.084 min Scan# 1895
Delta R.T. -0.005 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:164 Resp: 1716436

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.3	120.5
160	44.2	35.9	53.9



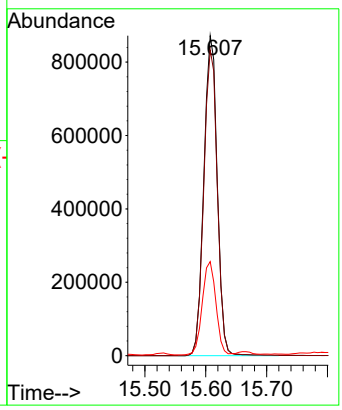


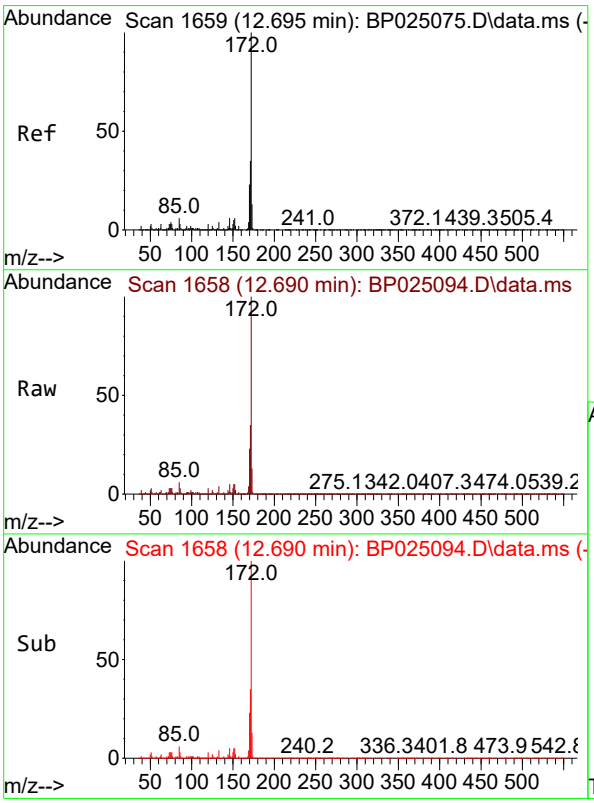
#42
2,4,6-Tribromophenol
Concen: 65.857 ng
RT: 15.607 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:330 Resp: 1335373

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	29.7	26.0	39.0

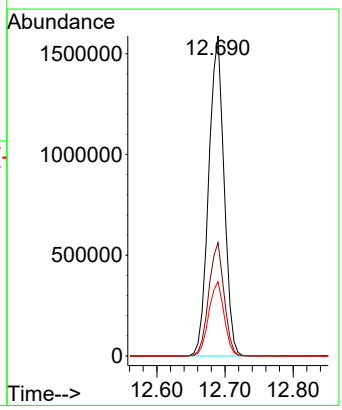


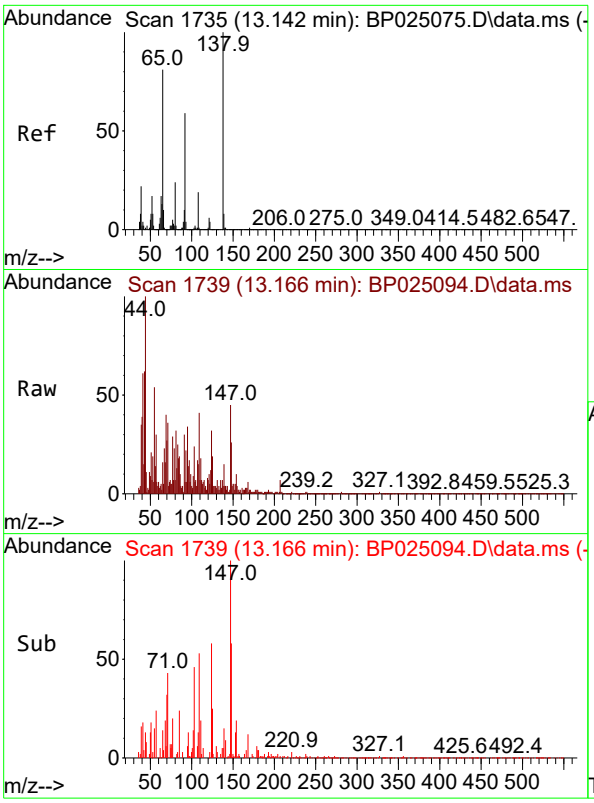


#45
2-Fluorobiphenyl
Concen: 22.416 ng
RT: 12.690 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:172 Resp: 2483678

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	23.2	18.7	28.1



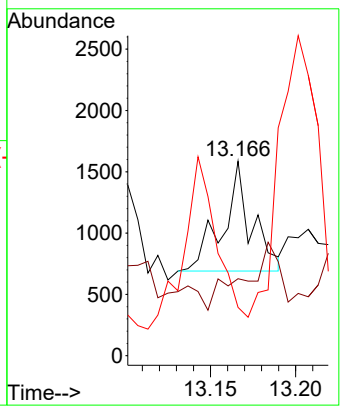


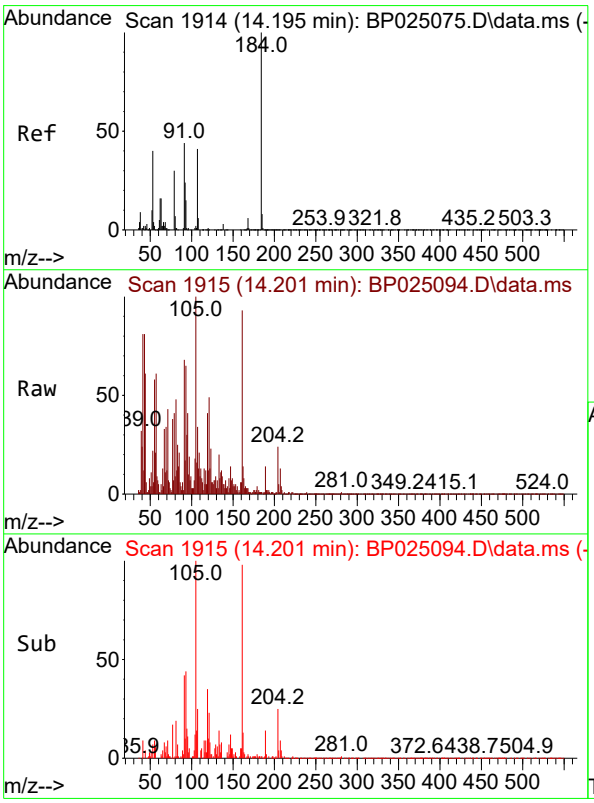
#48
2-Nitroaniline
Concen: 2.807 ng
RT: 13.166 min Scan# 1
Delta R.T. 0.024 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion: 65 Resp: 1039

Ion	Ratio	Lower	Upper
65	100		
92	39.6	58.7	88.1#
138	24.8	99.0	148.4#

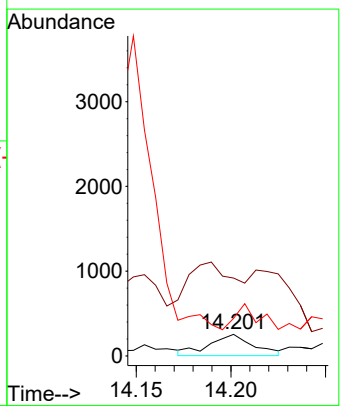


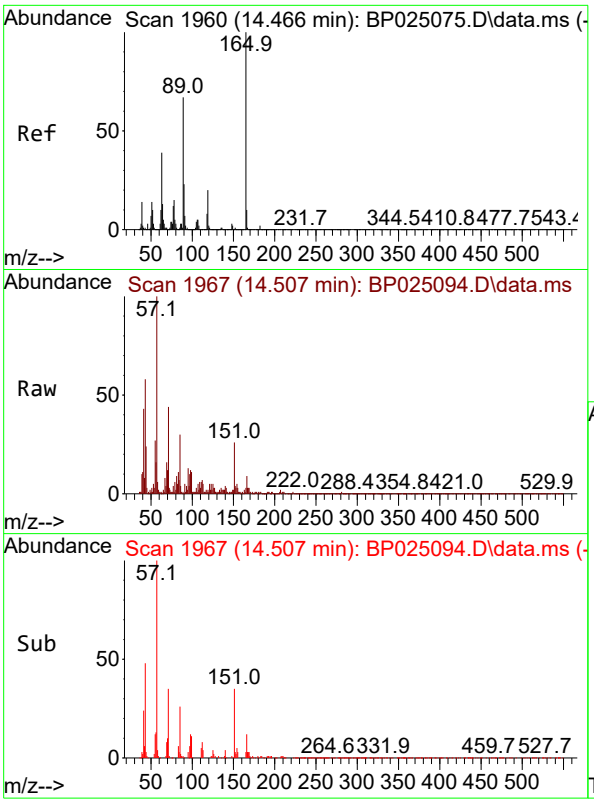


#54
2,4-Dinitrophenol
Concen: 5.418 ng
RT: 14.201 min Scan# 1915
Delta R.T. 0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:184 Resp: 403

Ion	Ratio	Lower	Upper
184	100		
63	359.0	47.4	71.0#
154	173.0	47.8	71.8#



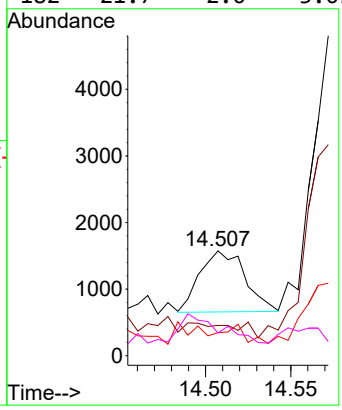


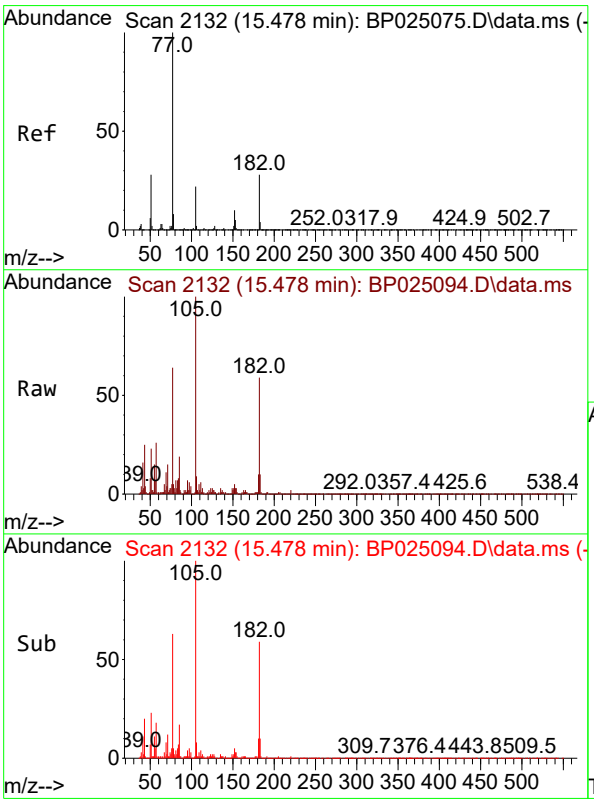
#57
2,4-Dinitrotoluene
Concen: 2.684 ng
RT: 14.507 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:165 Resp: 1694

Ion	Ratio	Lower	Upper
165	100		
63	28.9	31.0	46.4#
89	22.0	53.4	80.0#
182	21.7	2.0	3.0#

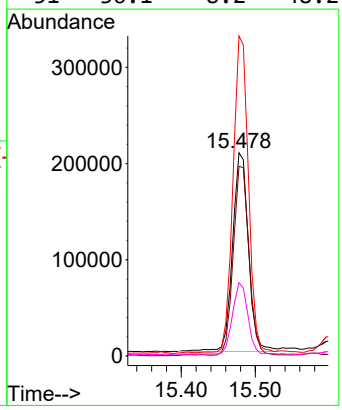


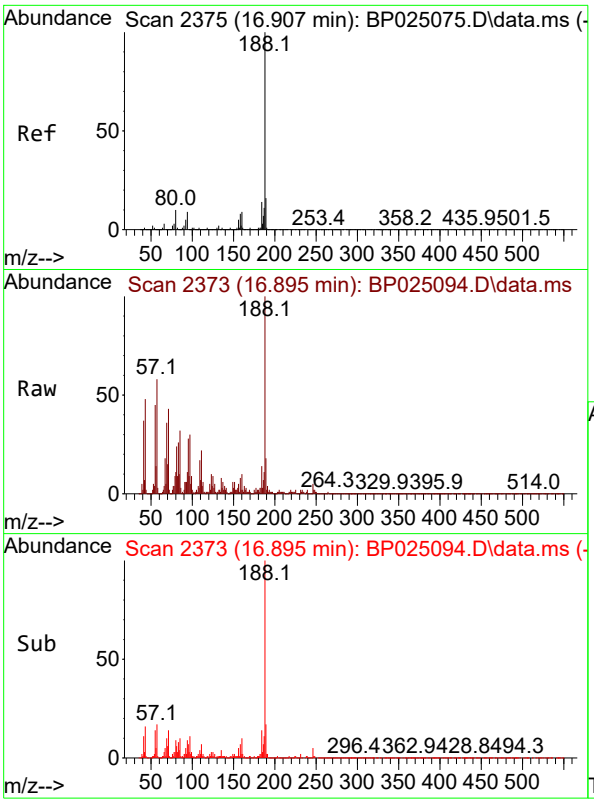


#63
Azobenzene
Concen: 2.865 ng
RT: 15.478 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion: 77 Resp: 307911

Ion	Ratio	Lower	Upper
77	100		
182	93.3	7.7	47.7#
105	157.5	1.9	41.9#
51	36.1	8.2	48.2



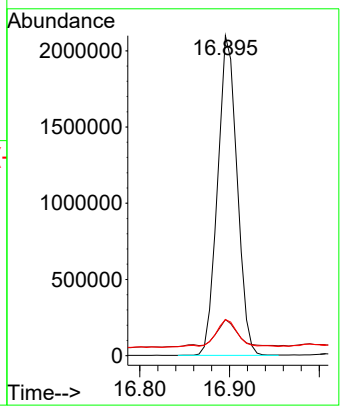


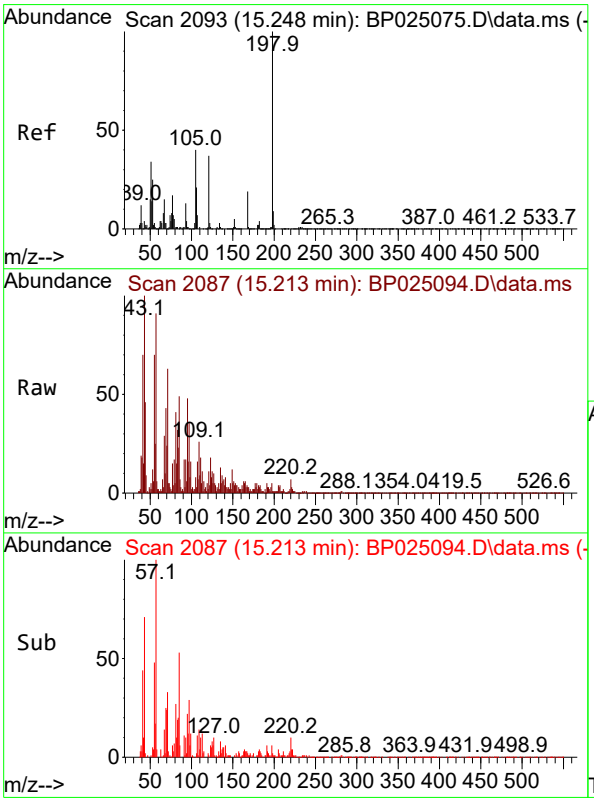
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:188 Resp: 3169042

Ion	Ratio	Lower	Upper
188	100		
94	11.3	7.3	10.9#
80	11.3	7.8	11.6

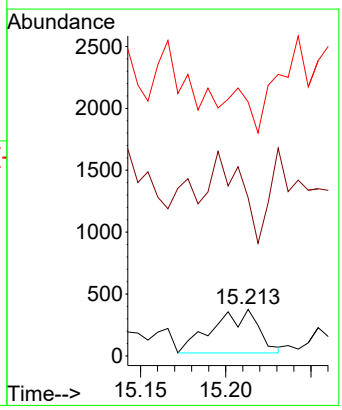


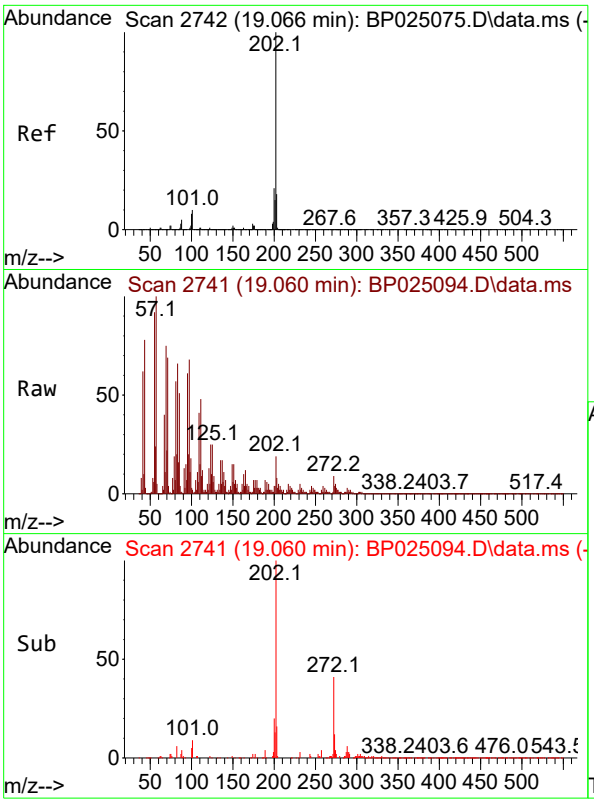


#65
4,6-Dinitro-2-methylphenol
Concen: 5.619 ng
RT: 15.213 min Scan# 2087
Delta R.T. -0.035 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:198 Resp: 657

Ion	Ratio	Lower	Upper
198	100		
51	339.9	16.8	56.8#
105	545.7	20.8	60.8#



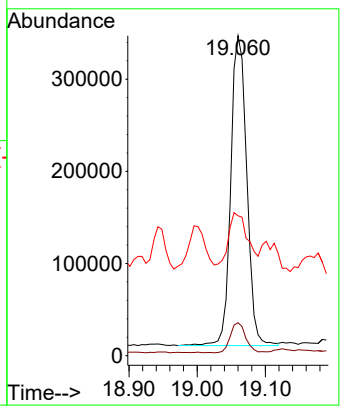


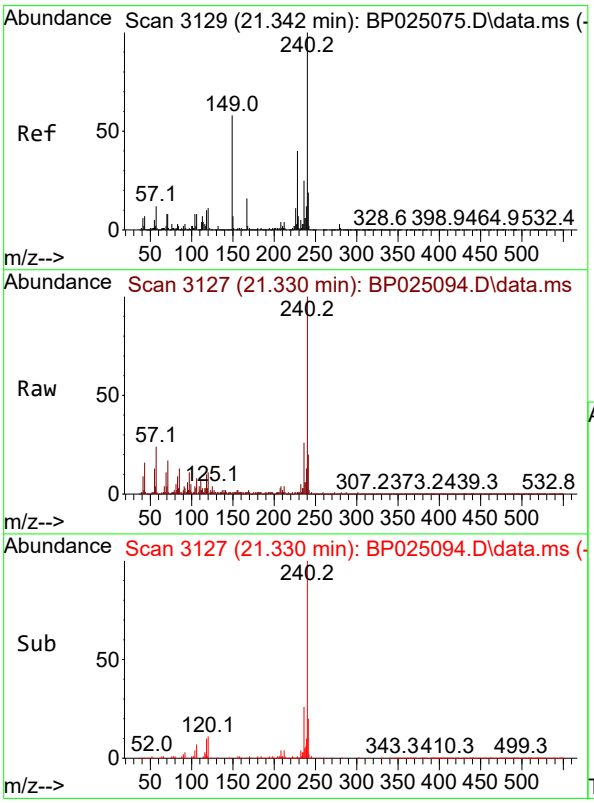
#75
Fluoranthene
Concen: 2.774 ng
RT: 19.060 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:202 Resp: 549132

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.4
203	43.7	0.0	37.6#

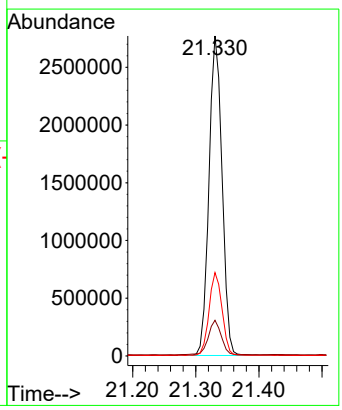


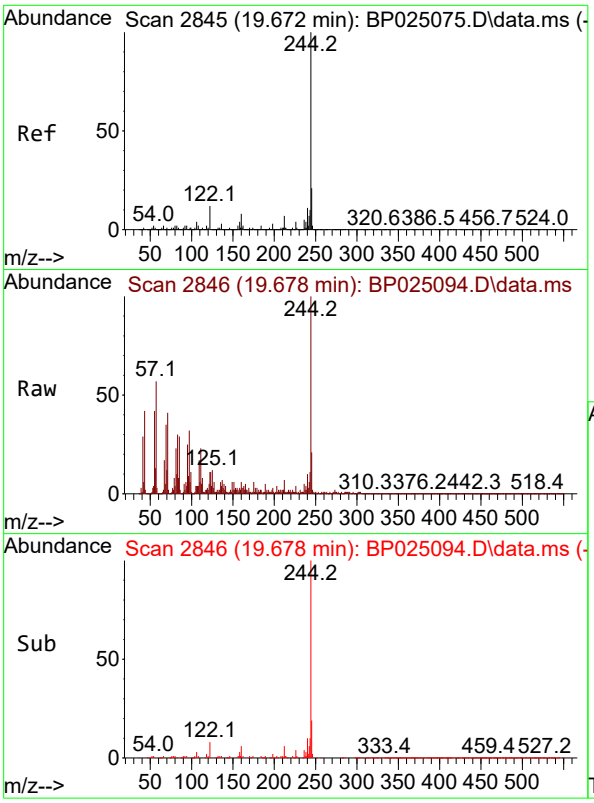


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.330 min Scan# 3127
Delta R.T. -0.012 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:240 Resp: 3982008

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.0	13.4
236	26.1	20.3	30.5



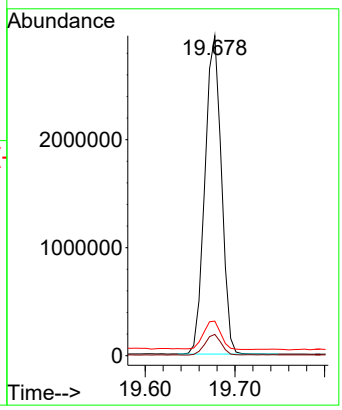


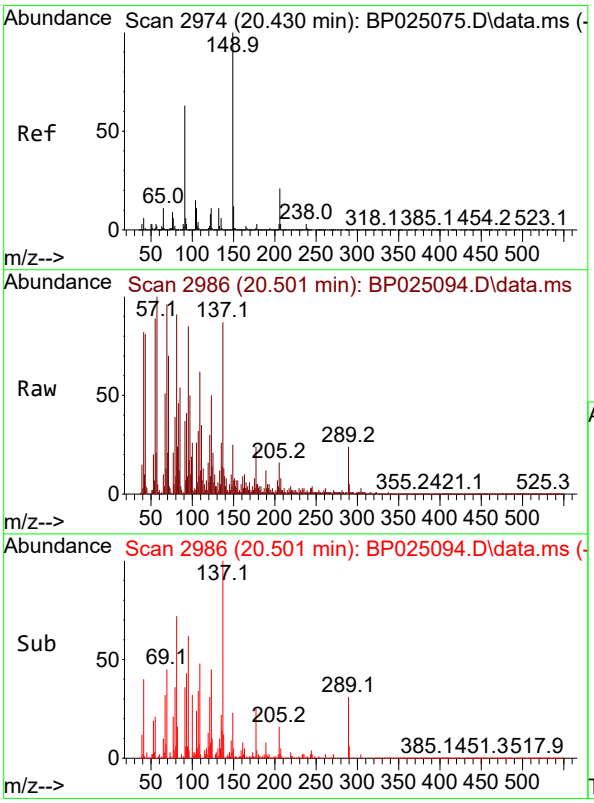
#79
Terphenyl-d14
Concen: 20.751 ng
RT: 19.678 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:244 Resp: 3759639

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	10.8	9.4	14.2

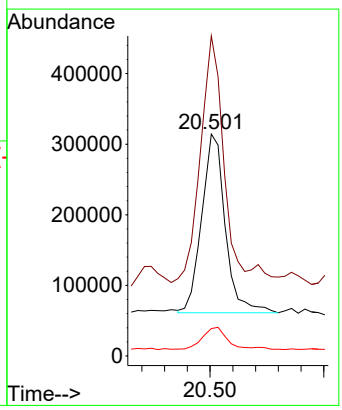


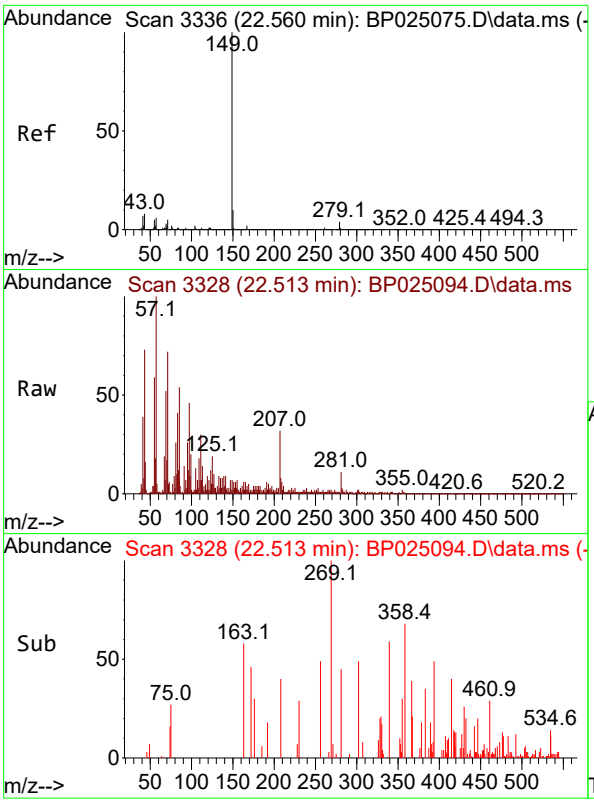


#80
Butylbenzylphthalate
Concen: 7.215 ng
RT: 20.501 min Scan# 2986
Delta R.T. 0.071 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:149 Resp: 363602

Ion	Ratio	Lower	Upper
149	100		
91	144.2	50.6	76.0#
206	12.3	17.2	25.8#



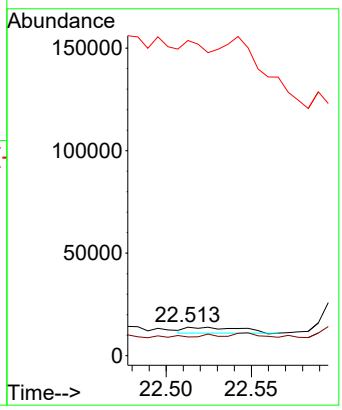


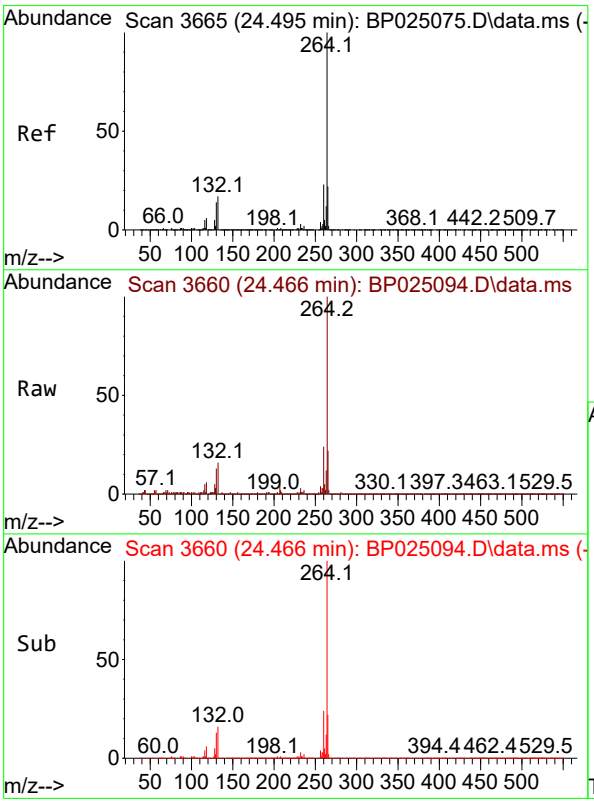
#85
Di-n-octyl phthalate
Concen: 6.122 ng
RT: 22.513 min Scan# 3
Delta R.T. -0.047 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Instrument :
BNA_P
ClientSampleId :
LAW-25-0102

Tgt Ion:149 Resp: 6389

Ion	Ratio	Lower	Upper
149	100		
167	35.2	1.3	1.9#
43	0.0	6.9	10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.466 min Scan# 3660
Delta R.T. -0.029 min
Lab File: BP025094.D
Acq: 10 Jul 2025 22:31

Tgt Ion:264 Resp: 4052241

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.7	26.5