Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111125\
Data File : BP026096.D
Acq On : 11 Nov 2025 18:55
Operator : RC/JU
Sample : Q3569-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-12

Quant Time: Nov 12 01:46:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.678	152	346728	20.000	ng		-0.01
21) Naphthalene-d8	10.443	136	1352865	20.000	ng		-0.01
39) Acenaphthene-d10	14.313	164	840321	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1658313	20.000	ng		0.00
76) Chrysene-d12	21.583	240	1893823	20.000	ng		0.02
86) Perylene-d12	24.912	264	2202758	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1427999	67.959	ng		0.00
7) Phenol-d6	6.849	99	1210081	45.245	ng		0.00
23) Nitrobenzene-d5	8.807	82	2056955	94.784	ng		-0.02
42) 2,4,6-Tribromophenol	15.842	330	1448875	159.485	ng		0.01
45) 2-Fluorobiphenyl	12.919	172	4874140	83.346	ng		-0.01
79) Terphenyl-d14	19.872	244	7516183	80.633	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	771130	87.052	ng		97
6) Aniline	7.025	93	110347	3.091	ng		99
8) 2-Chlorophenol	7.249	128	51862	2.229	ng		99
13) 1,4-Dichlorobenzene	7.713	146	97714	3.617	ng		98
20) 3+4-Methylphenols	8.460	107	70746	2.616	ng	#	43
84) Bis(2-ethylhexyl)phtha...	21.530	149	24005	2.895	ng	#	87

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

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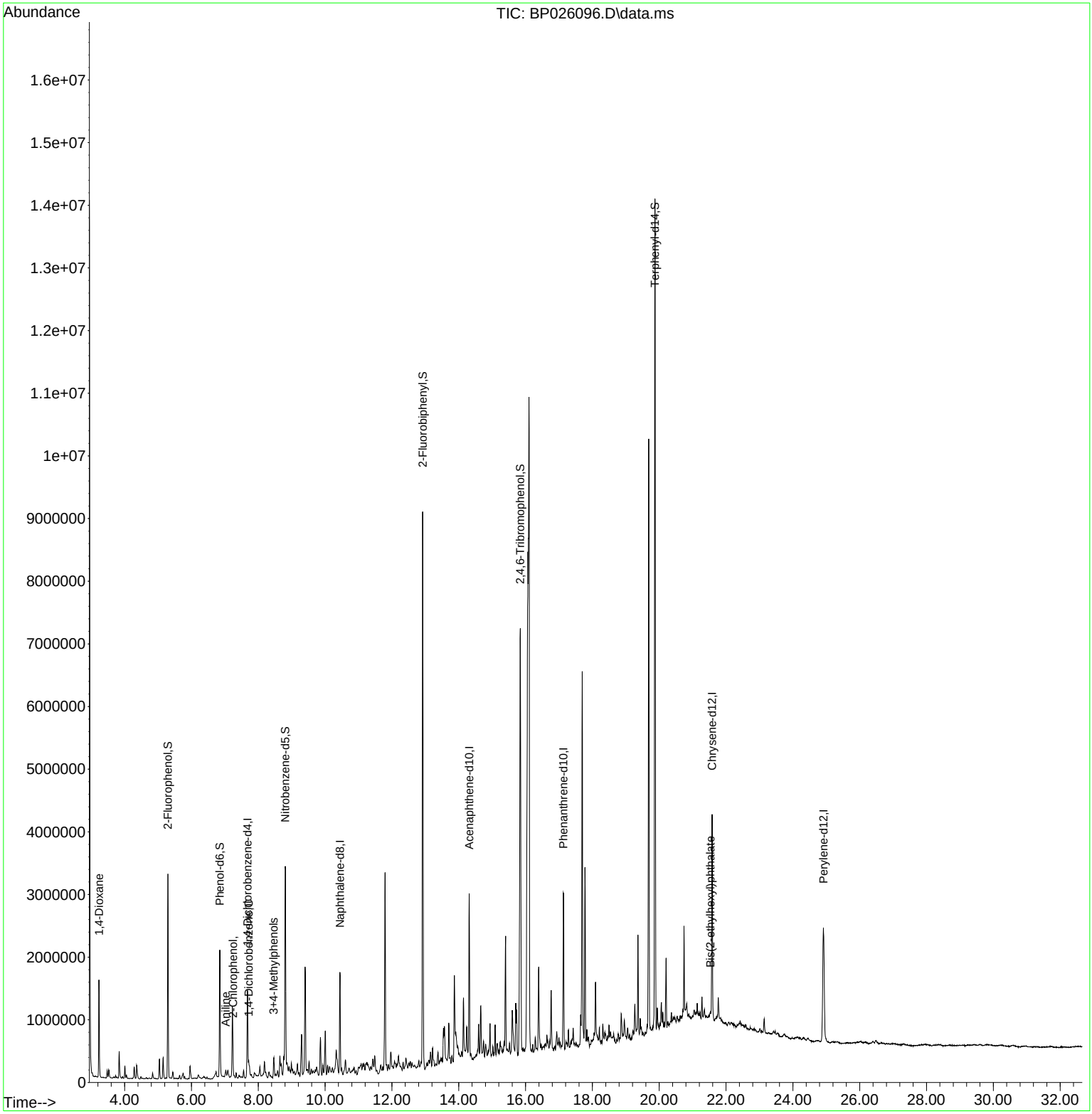
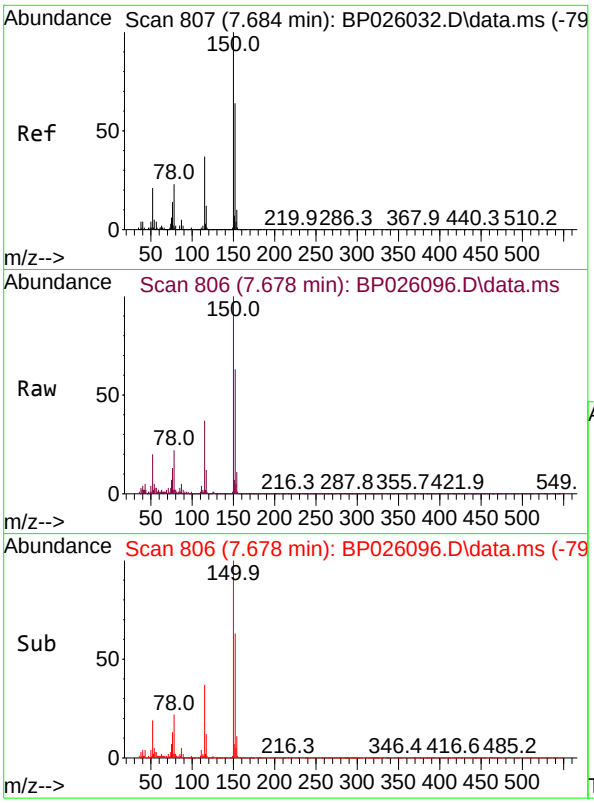


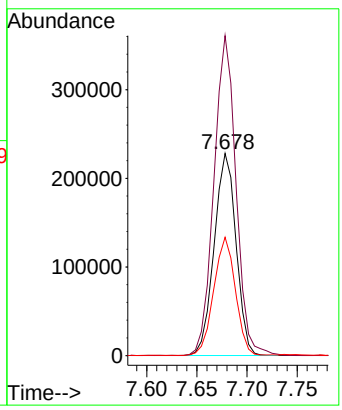


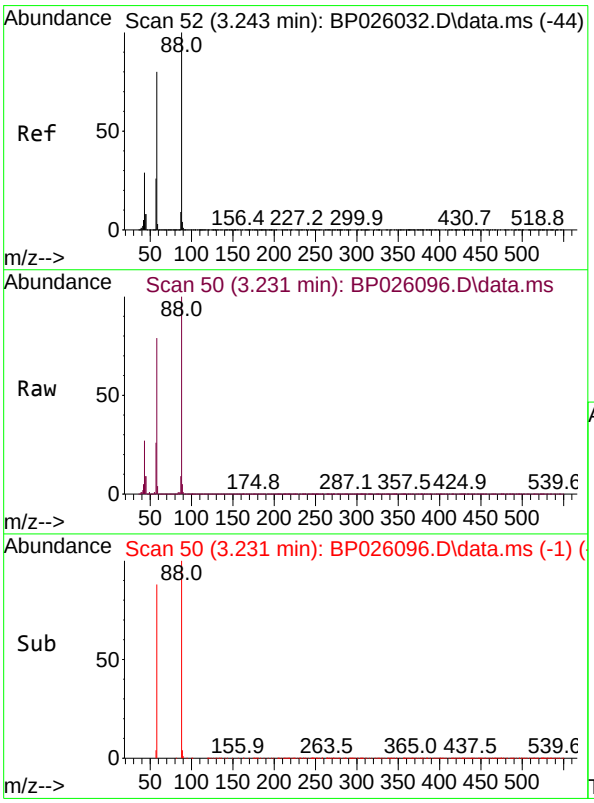
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 346728

Ion	Ratio	Lower	Upper
152	100		
150	158.2	125.7	188.5
115	58.5	46.4	69.6

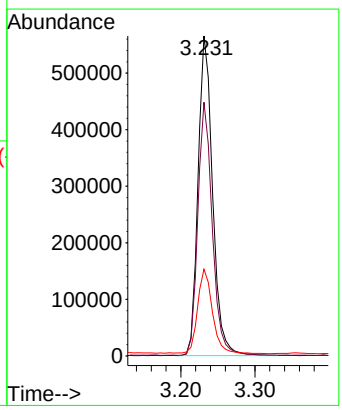


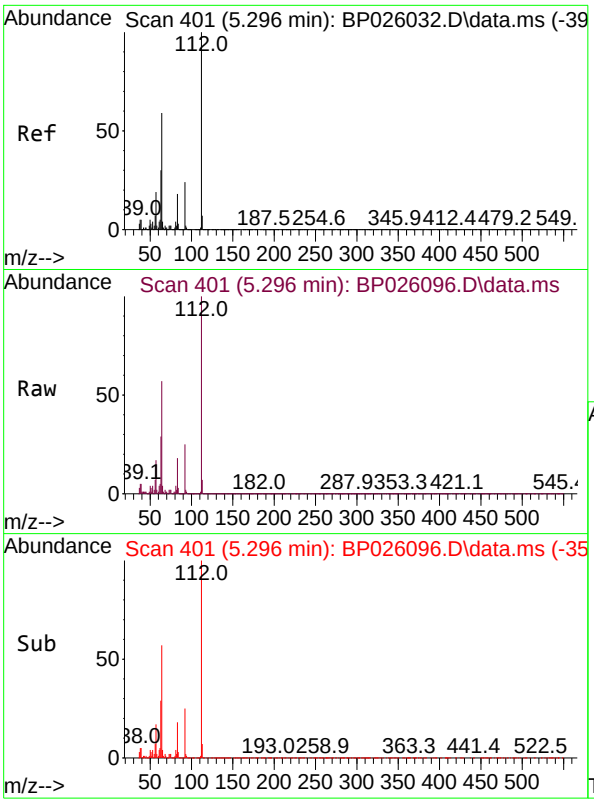


#2
1,4-Dioxane
Concen: 87.052 ng
RT: 3.231 min Scan# 50
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 88 Resp: 771130

Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	27.1	23.1	34.7



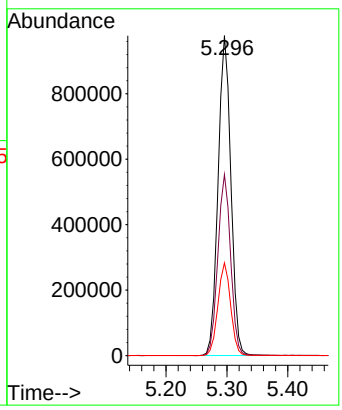


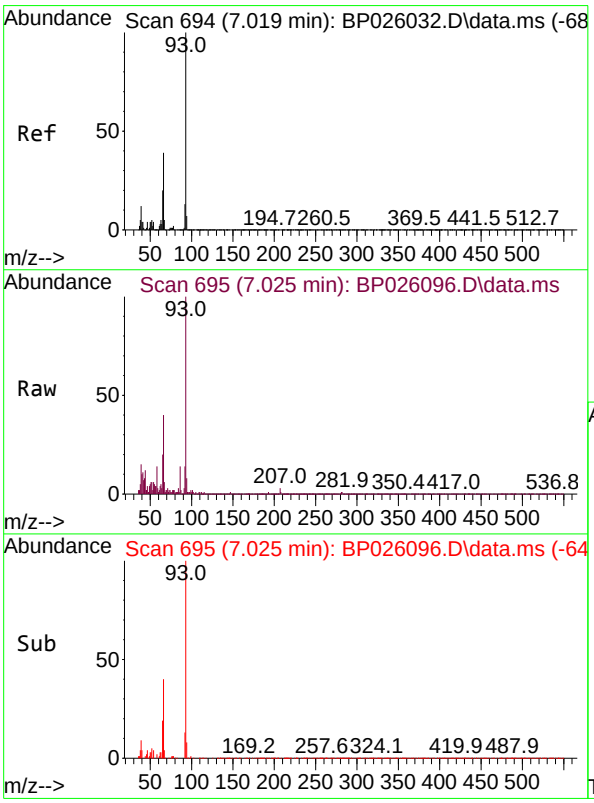
#5
2-Fluorophenol
Concen: 67.959 ng
RT: 5.296 min Scan# 40
Delta R.T. 0.000 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:112 Resp: 1427999

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.2
63	29.0	24.2	36.4

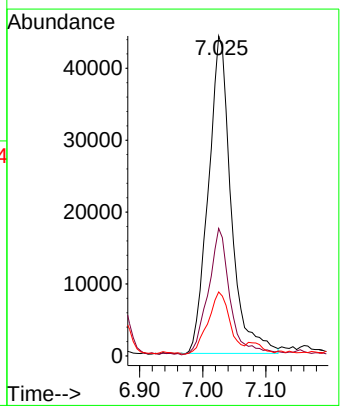


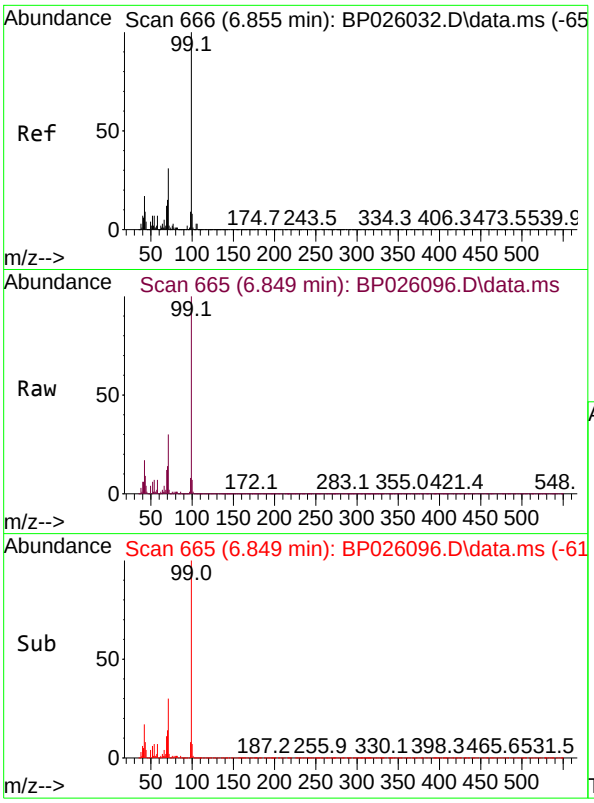


#6
Aniline
Concen: 3.091 ng
RT: 7.025 min Scan# 695
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 93 Resp: 110347

Ion	Ratio	Lower	Upper
93	100		
66	39.8	31.2	46.8
65	20.0	16.1	24.1



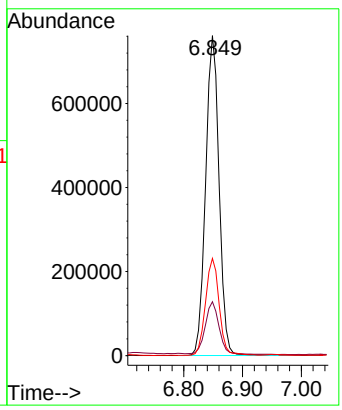


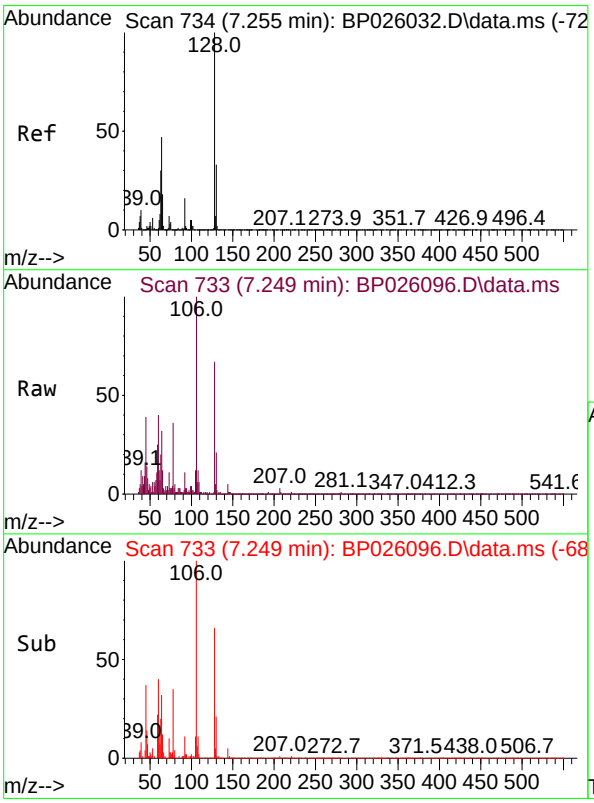
#7
Phenol-d6
Concen: 45.245 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion: 99 Resp: 1210081

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	30.4	24.4	36.6

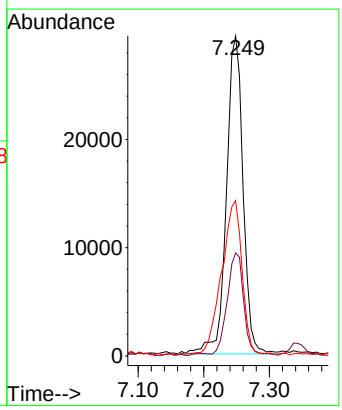


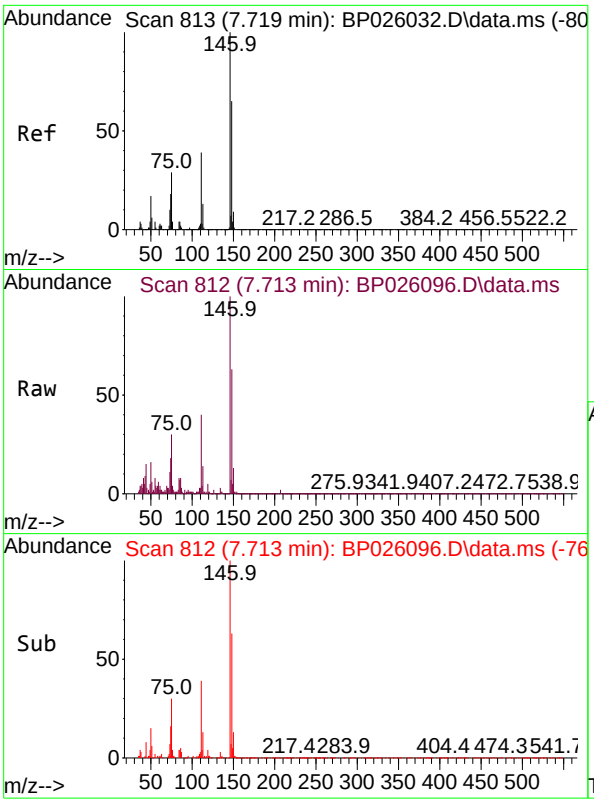


#8
2-Chlorophenol
Concen: 2.229 ng
RT: 7.249 min Scan# 733
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:128 Resp: 51862

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.7	52.7
64	48.5	27.4	67.4



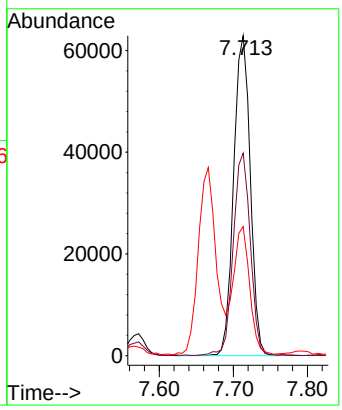


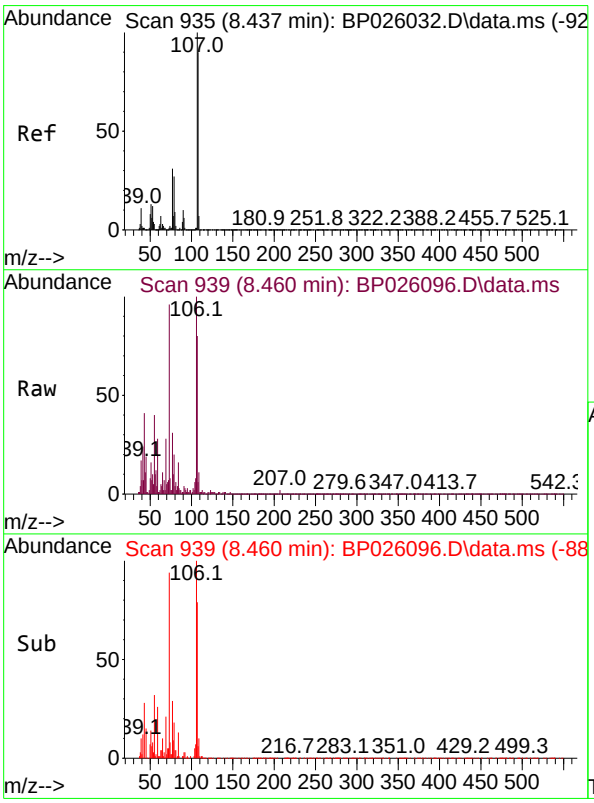
#13
1,4-Dichlorobenzene
Concen: 3.617 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:146 Resp: 97714

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	40.3	31.3	46.9

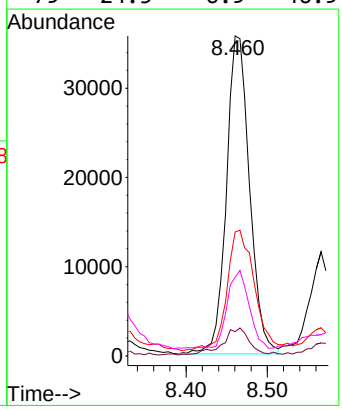


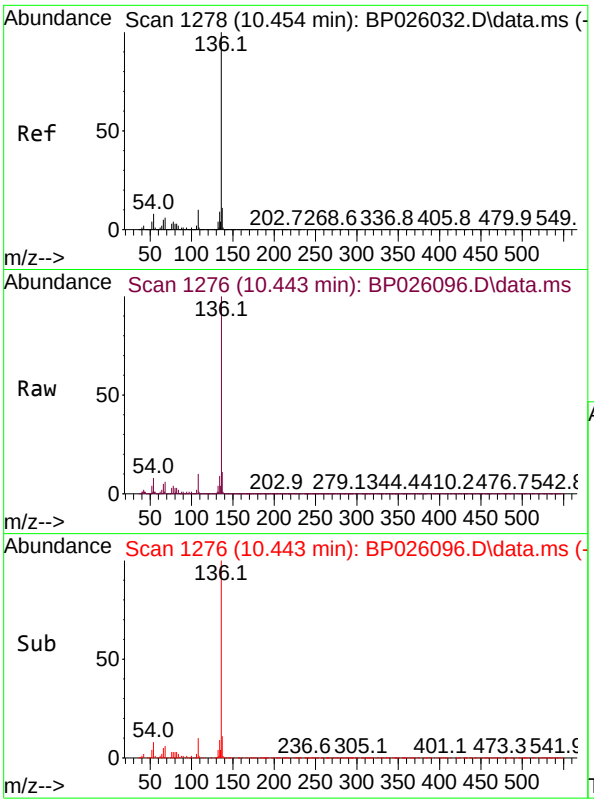


#20
3+4-Methylphenols
Concen: 2.616 ng
RT: 8.460 min Scan# 939
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:107 Resp: 70746

Ion	Ratio	Lower	Upper
107	100		
108	7.6	70.1	110.1#
77	38.7	10.7	50.7
79	24.5	6.9	46.9



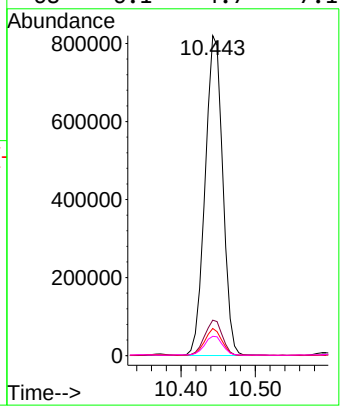


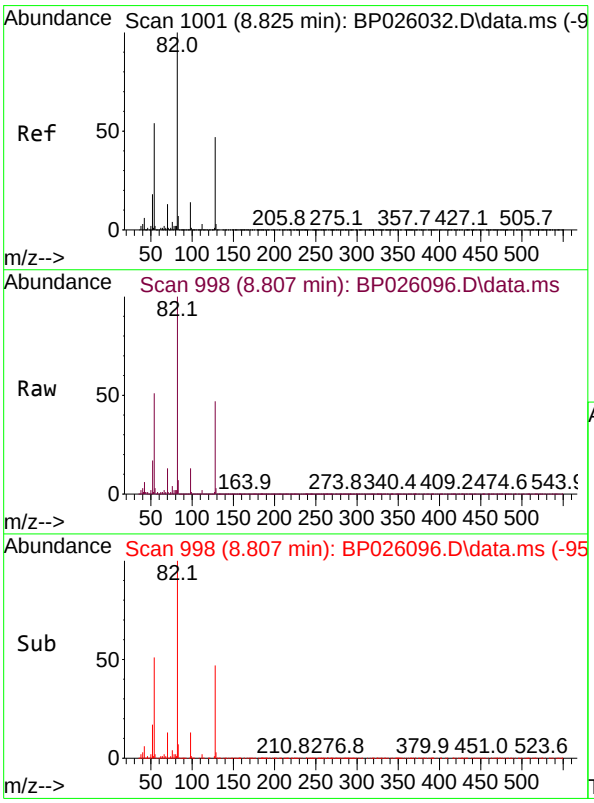
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 1352865

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	6.6	10.0
68	6.1	4.7	7.1

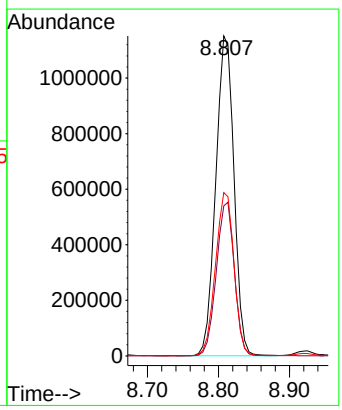


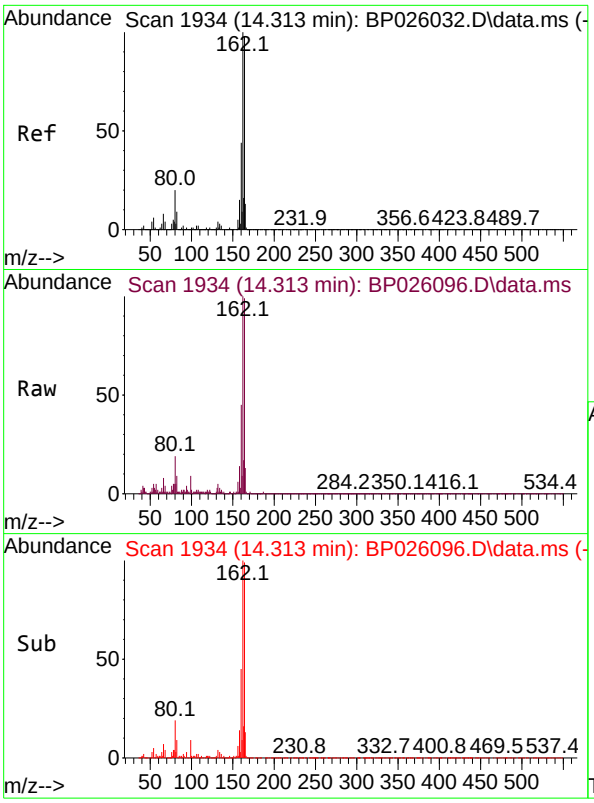


#23
Nitrobenzene-d5
Concen: 94.784 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion: 82 Resp: 2056955

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.4	56.0
54	51.0	42.7	64.1



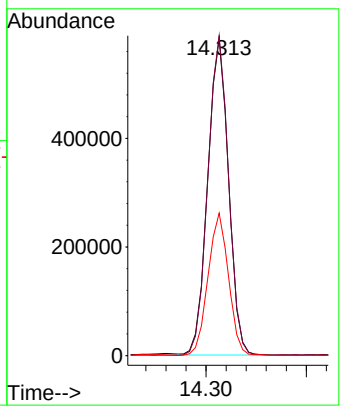


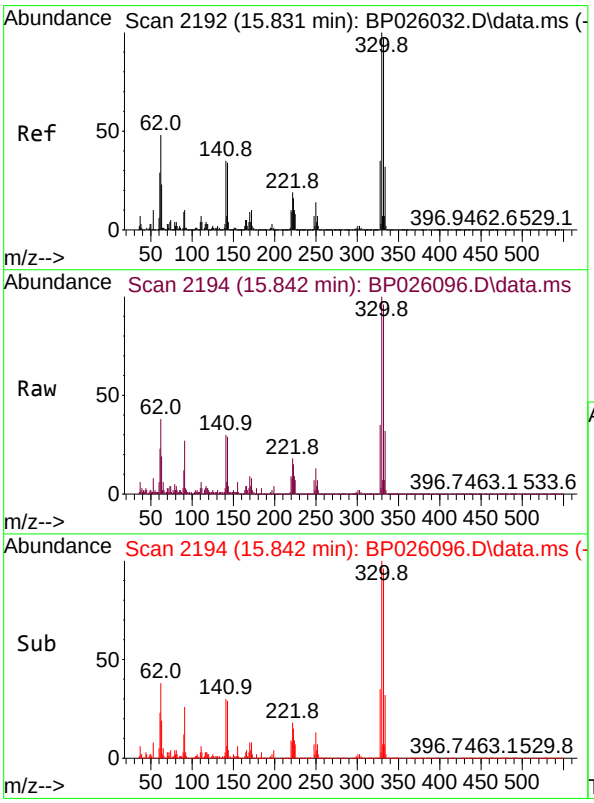
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:164 Resp: 840321

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.5	122.3
160	45.0	36.2	54.4

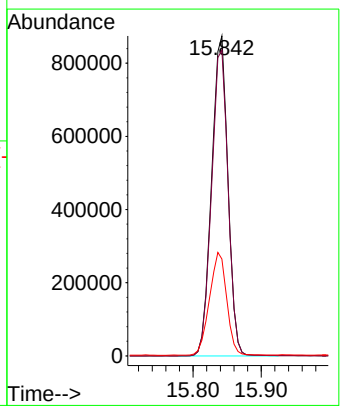


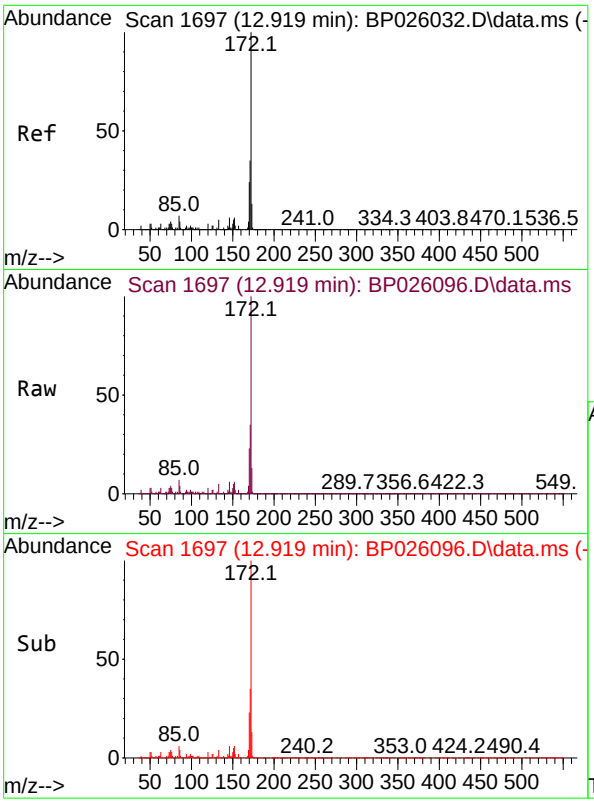


#42
2,4,6-Tribromophenol
Concen: 159.485 ng
RT: 15.842 min Scan# 2194
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:330 Resp: 1448875

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.9	28.6	42.8



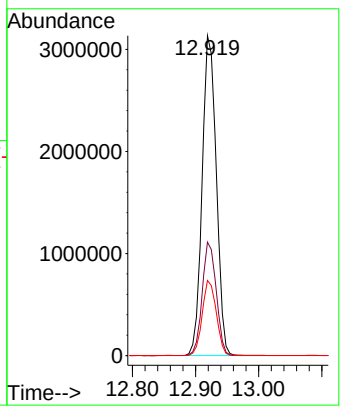


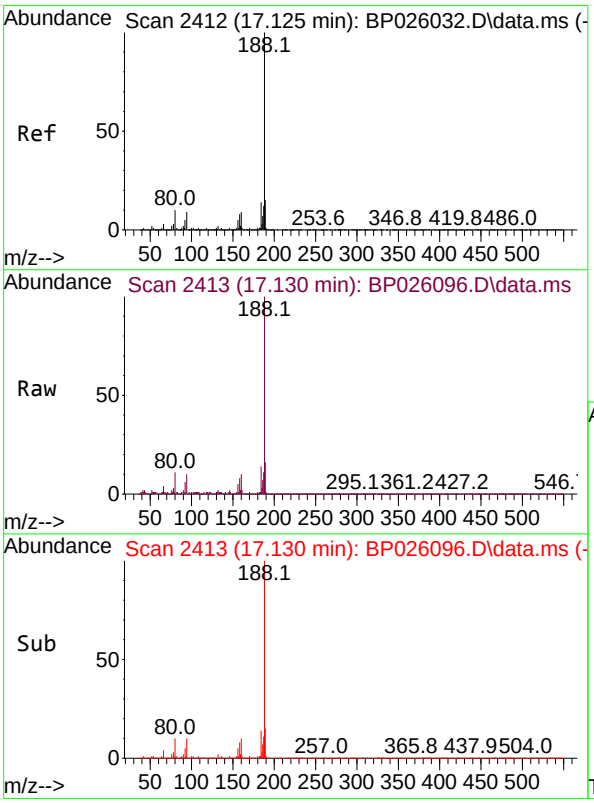
#45
2-Fluorobiphenyl
Concen: 83.346 ng
RT: 12.919 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:172 Resp: 4874140

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	23.5	19.0	28.4

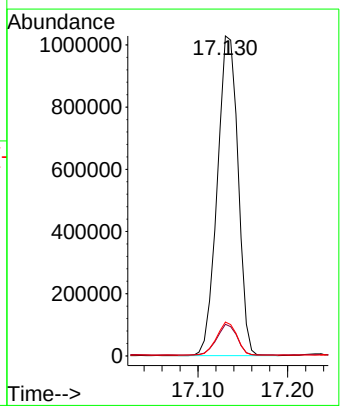


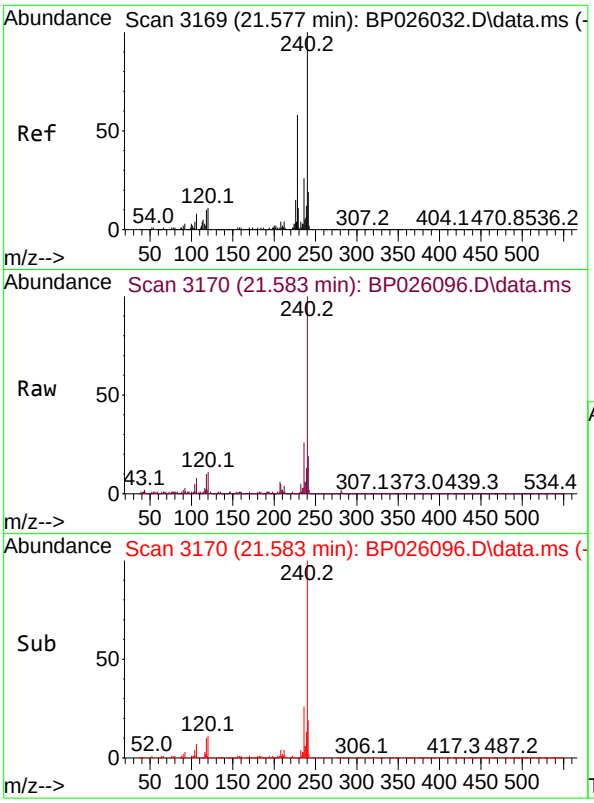


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:188 Resp: 1658313

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.6	7.9	11.9



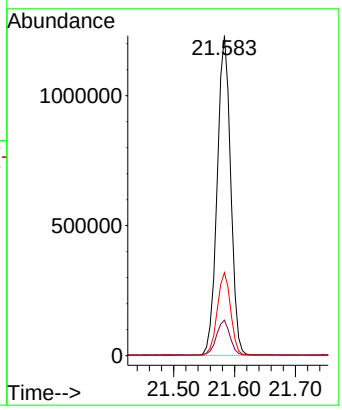


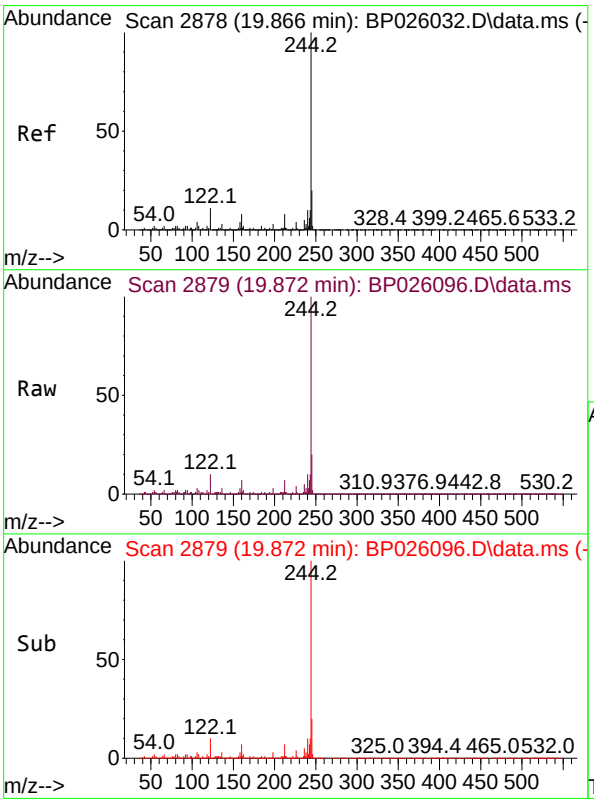
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:240 Resp: 1893823

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	25.9	20.6	31.0

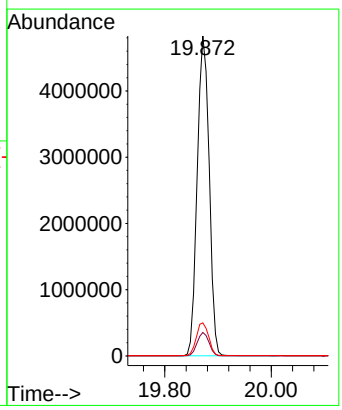


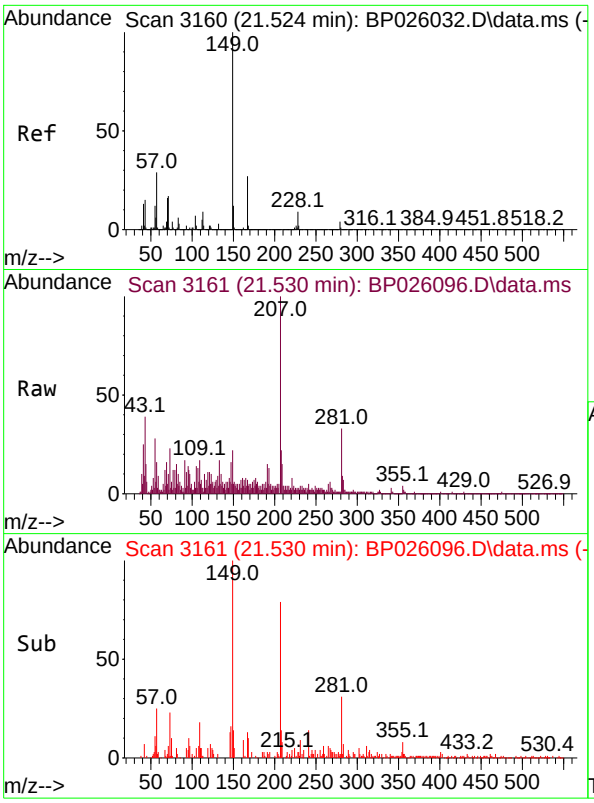


#79
Terphenyl-d14
Concen: 80.633 ng
RT: 19.872 min Scan# 2879
Delta R.T. 0.006 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:244 Resp: 7516183

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	9.0	13.6



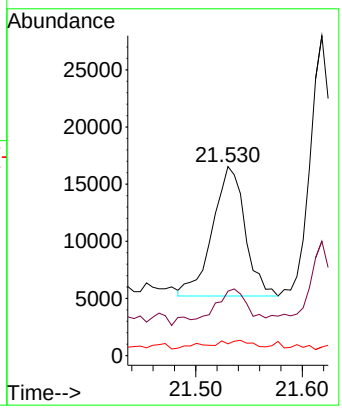


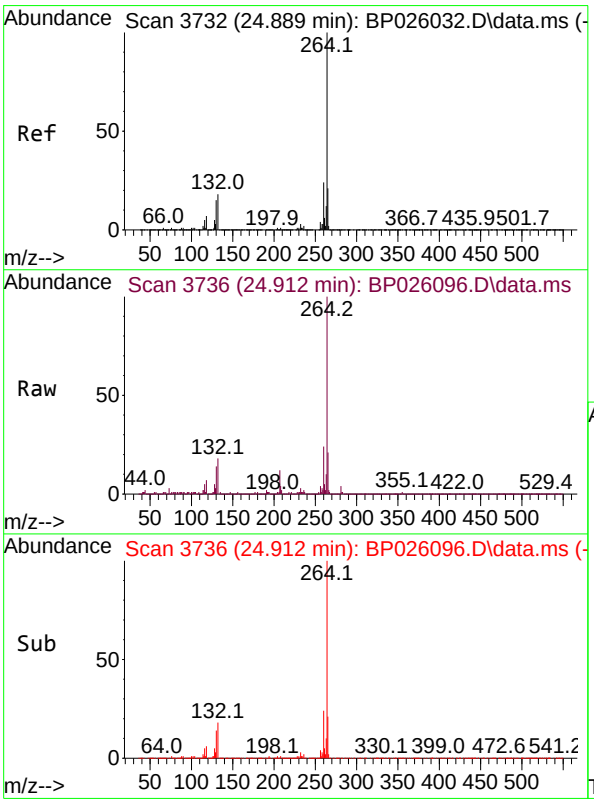
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.895 ng
RT: 21.530 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Instrument :
BNA_P
ClientSampleId :
MW-12

Tgt Ion:149 Resp: 24005

Ion	Ratio	Lower	Upper
149	100		
167	34.1	21.5	32.3#
279	6.2	3.0	4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.912 min Scan# 3736
Delta R.T. 0.030 min
Lab File: BP026096.D
Acq: 11 Nov 2025 18:55

Tgt Ion:264 Resp: 2202758

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.4	17.2	25.8