Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026086.D
Acq On : 06 Nov 2025 21:11
Operator : RC/JU
Sample : Q3552-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-4

Quant Time: Nov 07 01:03:19 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	263143	20.000	ng		-0.01
21) Naphthalene-d8	10.448	136	1061171	20.000	ng		0.00
39) Acenaphthene-d10	14.313	164	711488	20.000	ng		0.00
64) Phenanthrene-d10	17.118	188	1575922	20.000	ng		0.00
76) Chrysene-d12	21.559	240	1759255	20.000	ng		0.00
86) Perylene-d12	24.889	264	2005536	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1112229	69.745	ng		0.00
7) Phenol-d6	6.848	99	1250505	61.609	ng		0.00
23) Nitrobenzene-d5	8.819	82	1581683	92.918	ng		0.00
42) 2,4,6-Tribromophenol	15.830	330	1239774	161.180	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	3816364	77.075	ng		0.00
79) Terphenyl-d14	19.854	244	7024653	81.125	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	509351	75.765	ng		97
13) 1,4-Dichlorobenzene	7.713	146	132039	6.440	ng		98
37) 2-Methylnaphthalene	12.113	142	140160	3.461	ng		98
38) 1-Methylnaphthalene	12.336	142	103818	2.638	ng	#	99
84) Bis(2-ethylhexyl)phtha...	21.512	149	29404	2.989	ng	#	86

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

Quantitation Report (LSC Reviewed)

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Misc :
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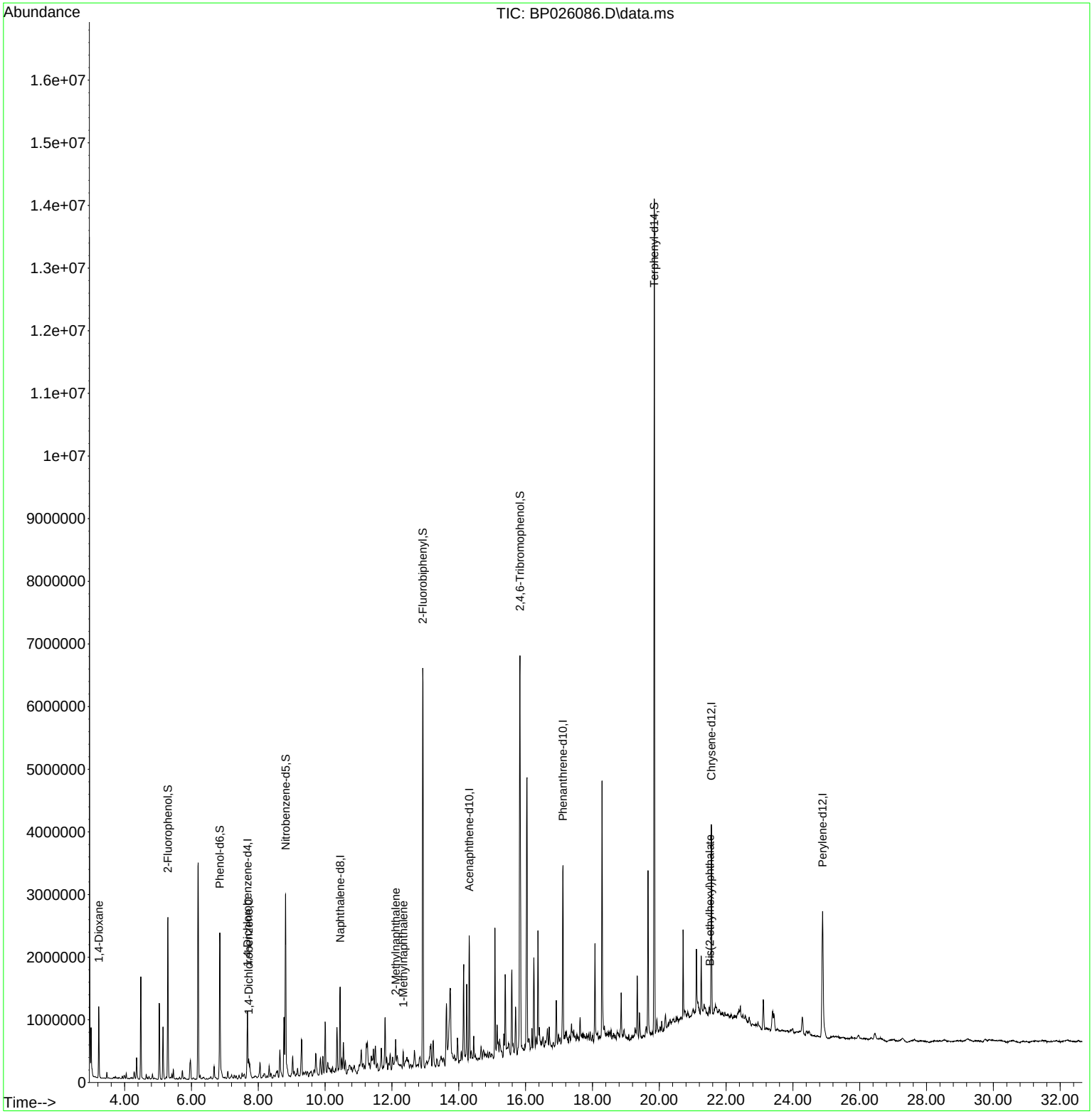
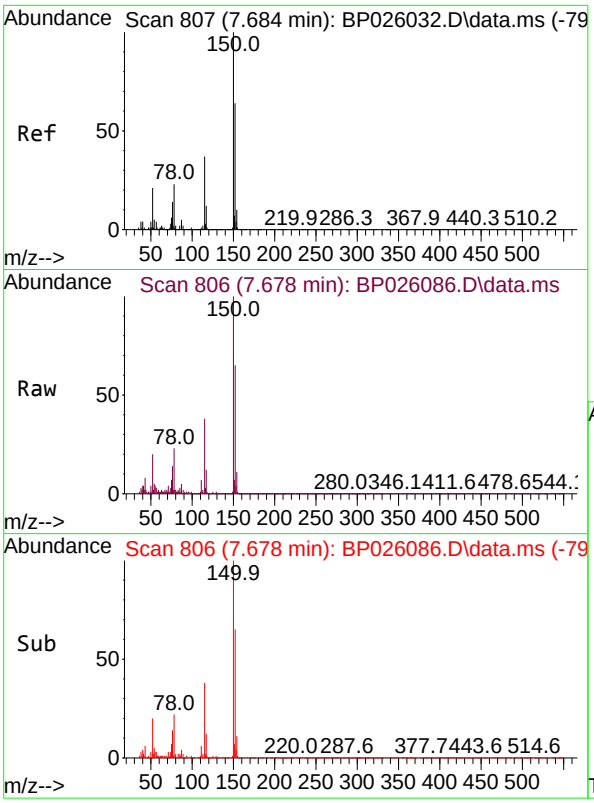


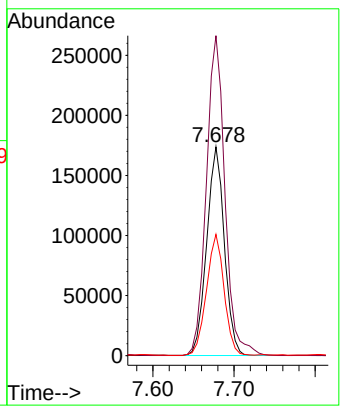


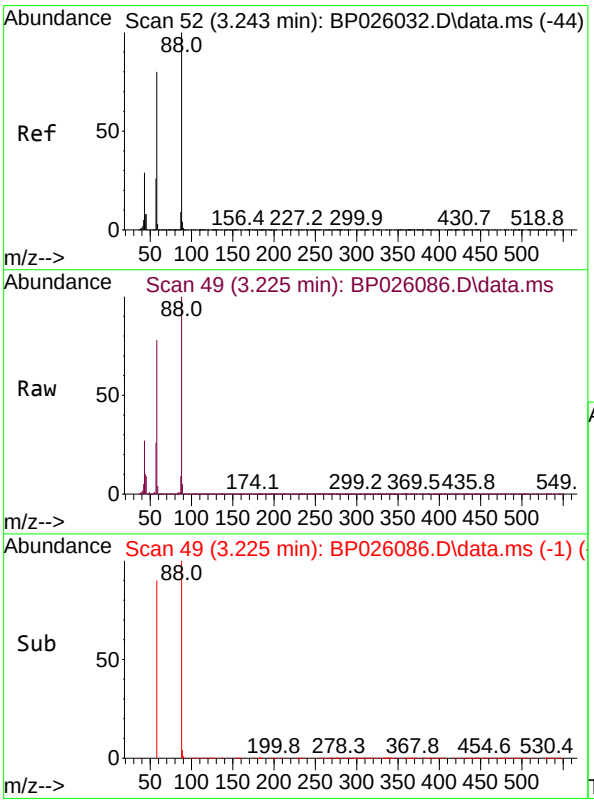
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.678 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 263143

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.7	188.5
115	58.1	46.4	69.6

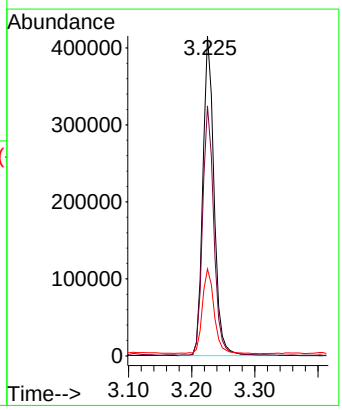


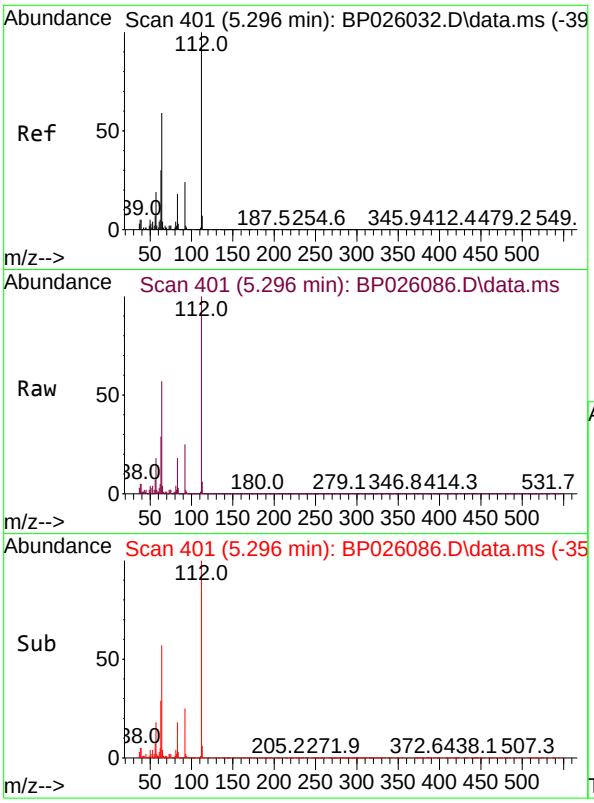


#2
1,4-Dioxane
Concen: 75.765 ng
RT: 3.225 min Scan# 49
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 88 Resp: 509351

Ion	Ratio	Lower	Upper
88	100		
58	78.6	65.4	98.0
43	28.1	23.1	34.7



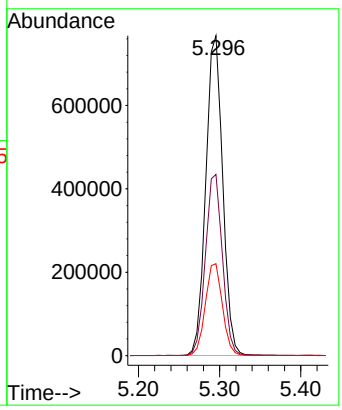


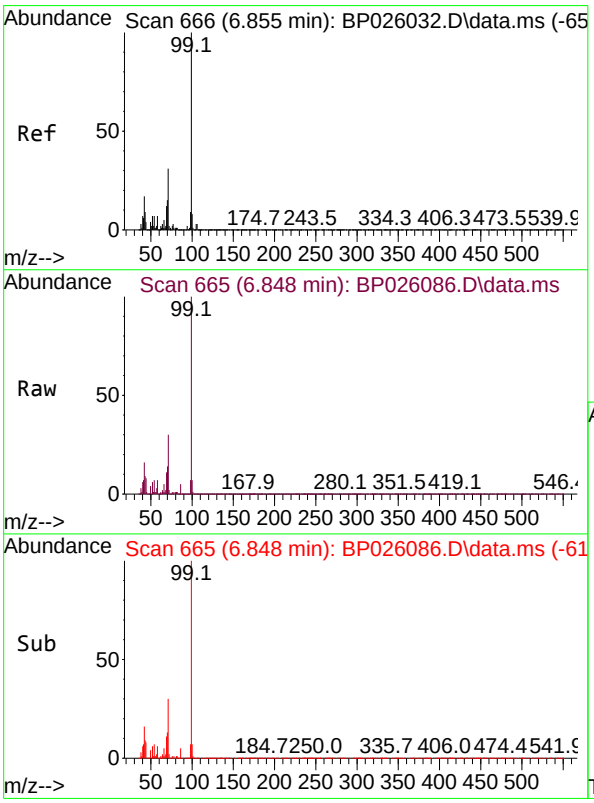
#5
2-Fluorophenol
Concen: 69.745 ng
RT: 5.296 min Scan# 40
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:112 Resp: 1112229

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.4	71.2
63	28.7	24.2	36.4

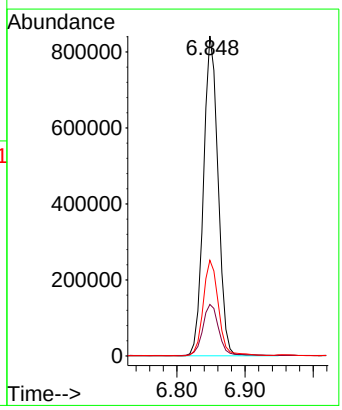


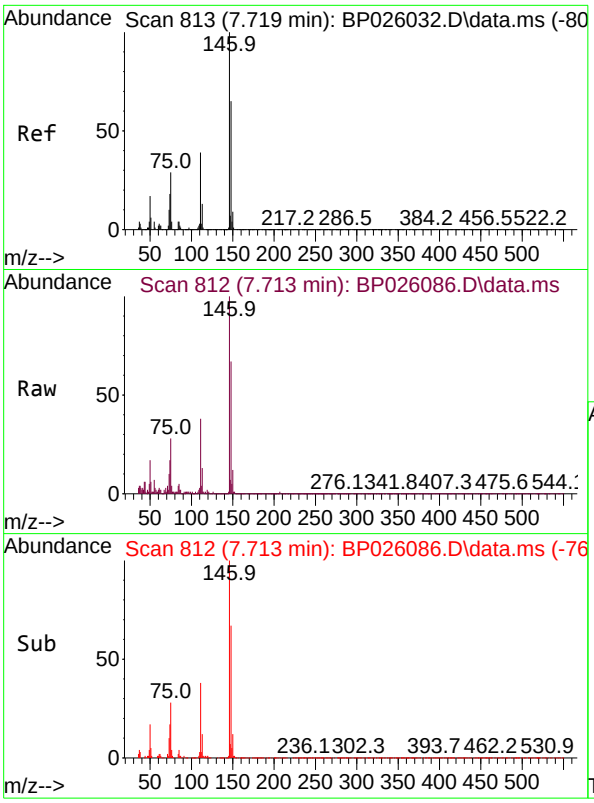


#7
Phenol-d6
Concen: 61.609 ng
RT: 6.848 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion: 99 Resp: 1250505

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	29.9	24.4	36.6



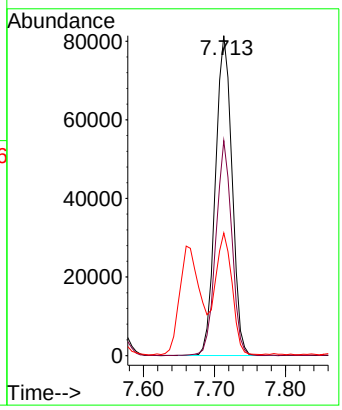


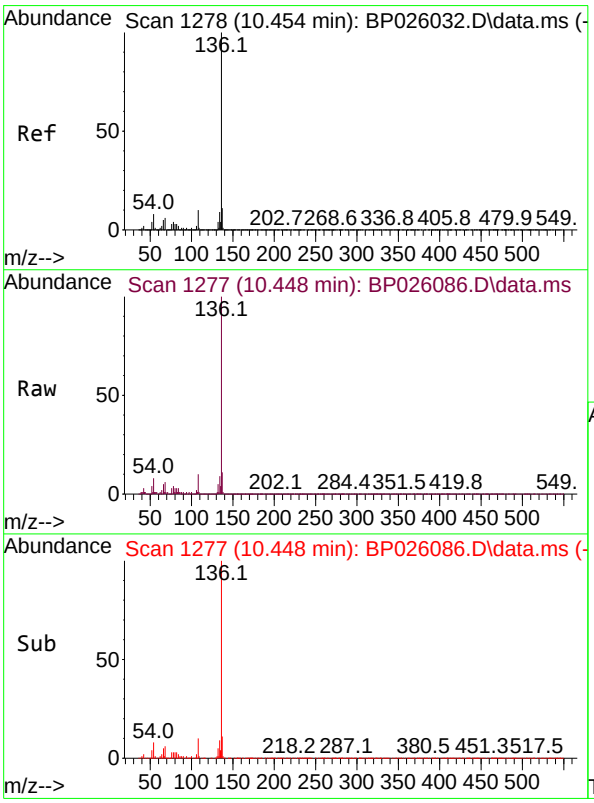
#13
1,4-Dichlorobenzene
Concen: 6.440 ng
RT: 7.713 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:146 Resp: 132039

Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.2	78.2
111	38.3	31.3	46.9

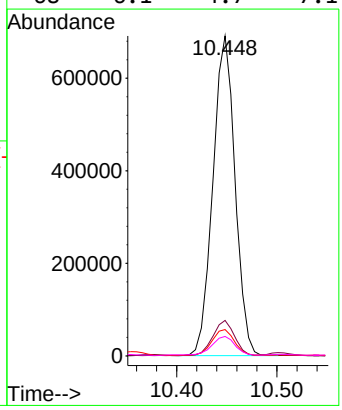


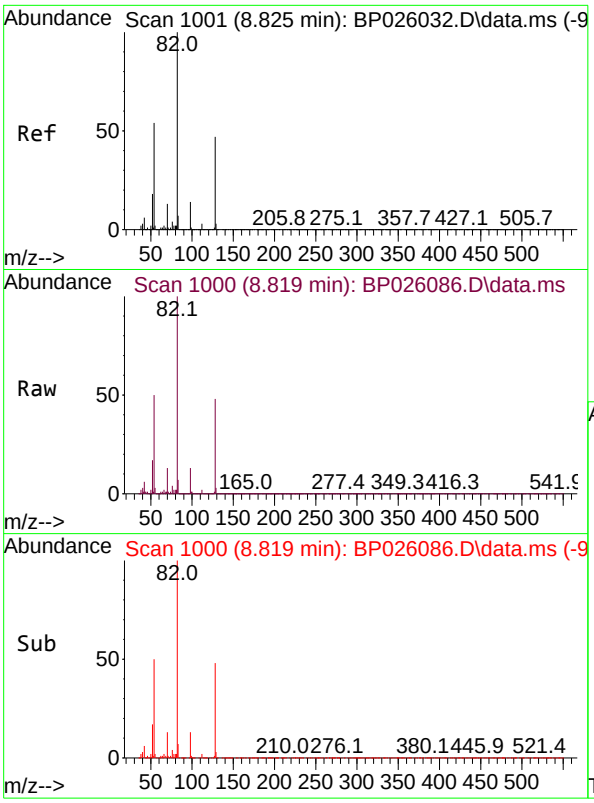


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.448 min Scan# 1277
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:136 Resp: 1061171

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.2	6.6	10.0
68	6.1	4.7	7.1



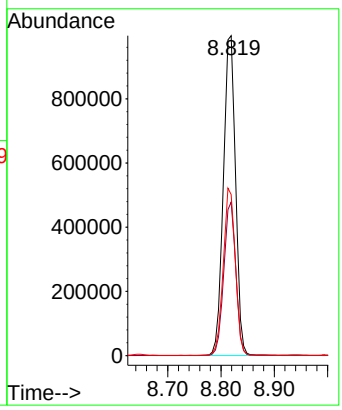


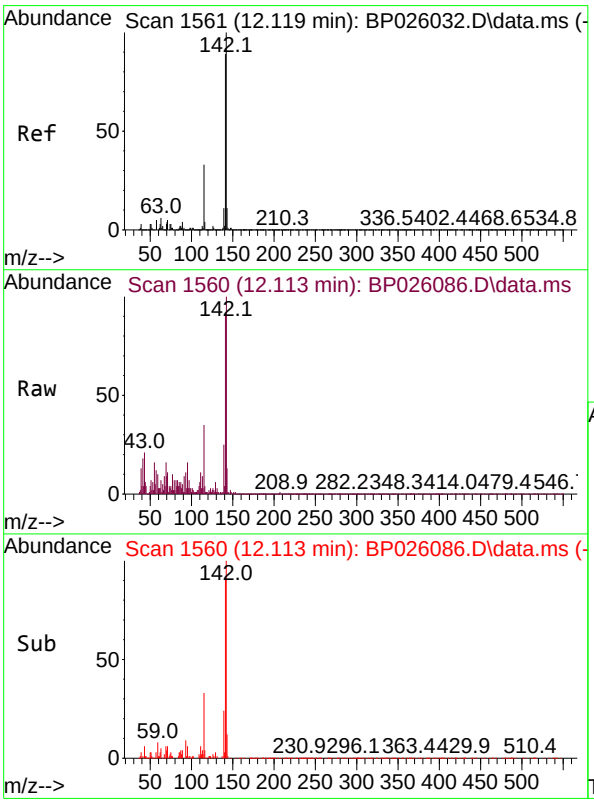
#23
Nitrobenzene-d5
Concen: 92.918 ng
RT: 8.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion: 82 Resp: 1581683

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.4	56.0
54	50.3	42.7	64.1

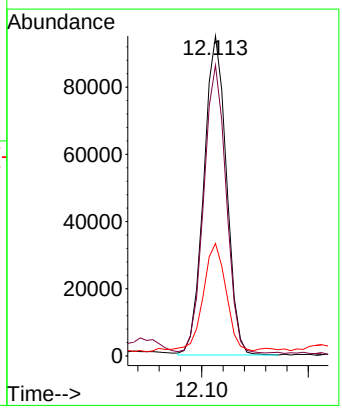


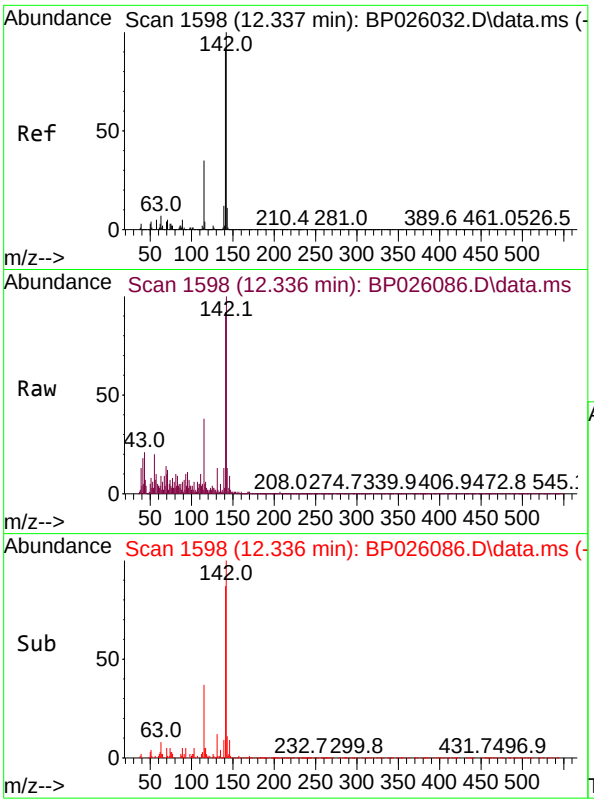


#37
2-Methylnaphthalene
Concen: 3.461 ng
RT: 12.113 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:142 Resp: 140160

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.6	107.4
115	35.1	26.6	39.8



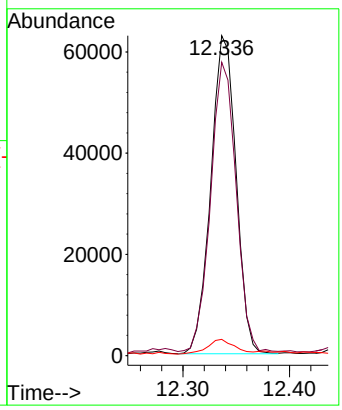


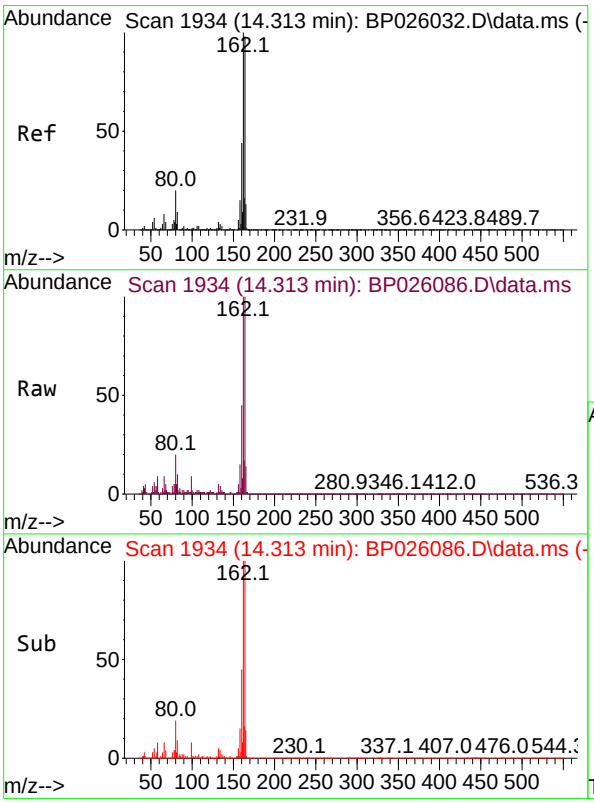
#38
1-Methylnaphthalene
Concen: 2.638 ng
RT: 12.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:142 Resp: 103818

Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.7	109.1
116	5.1	2.9	4.3#

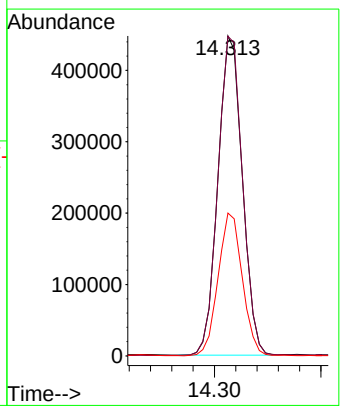


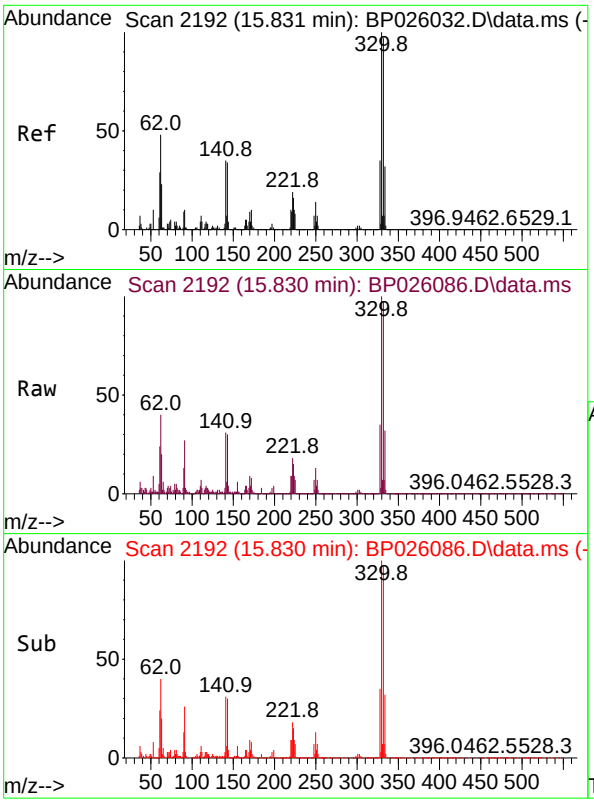


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:164 Resp: 711488

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.5	122.3
160	44.6	36.2	54.4



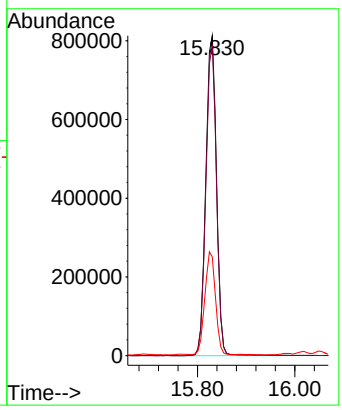


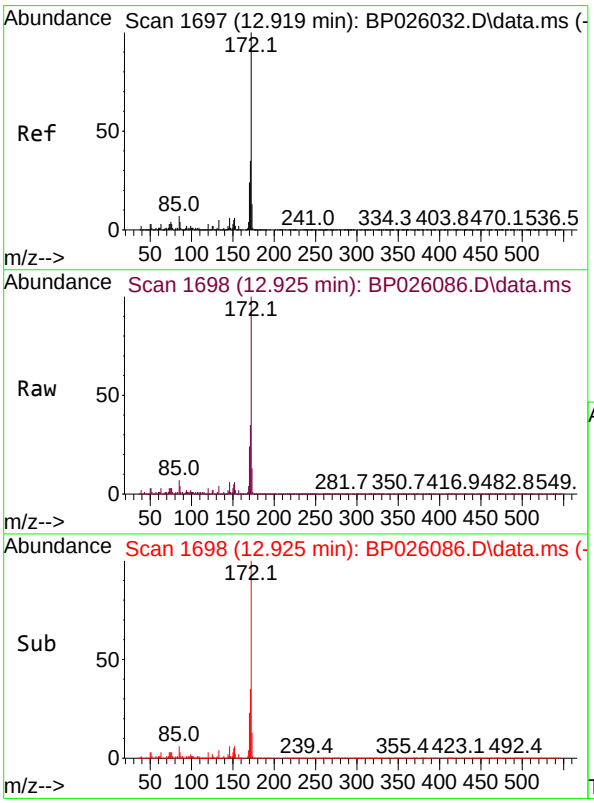
#42
2,4,6-Tribromophenol
Concen: 161.180 ng
RT: 15.830 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:330 Resp: 1239774

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.0	28.6	42.8

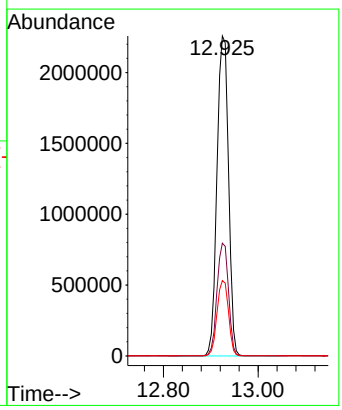


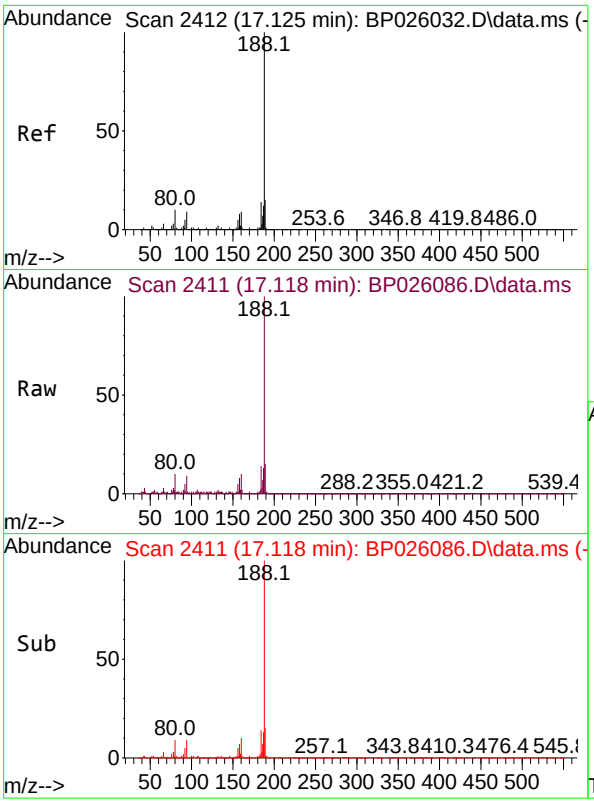


#45
2-Fluorobiphenyl
Concen: 77.075 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:172 Resp: 3816364

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.5	19.0	28.4



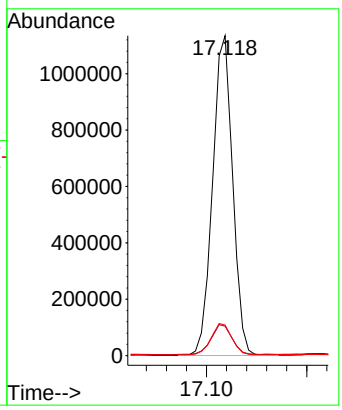


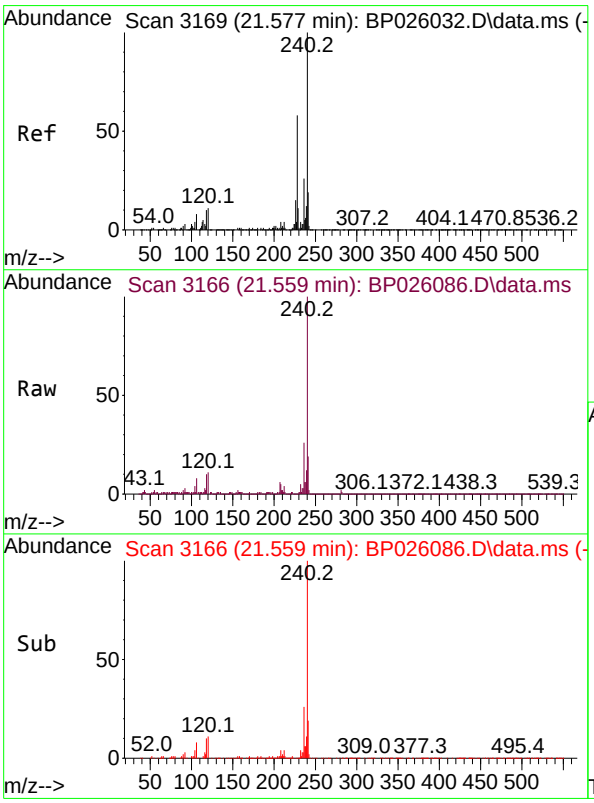
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.118 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:188 Resp: 1575922

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.6	7.9	11.9

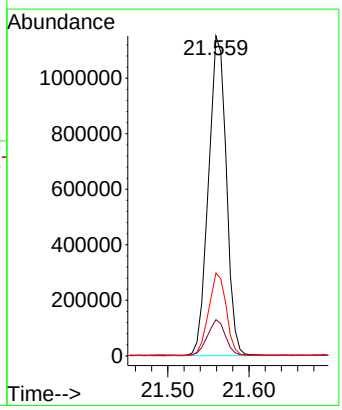


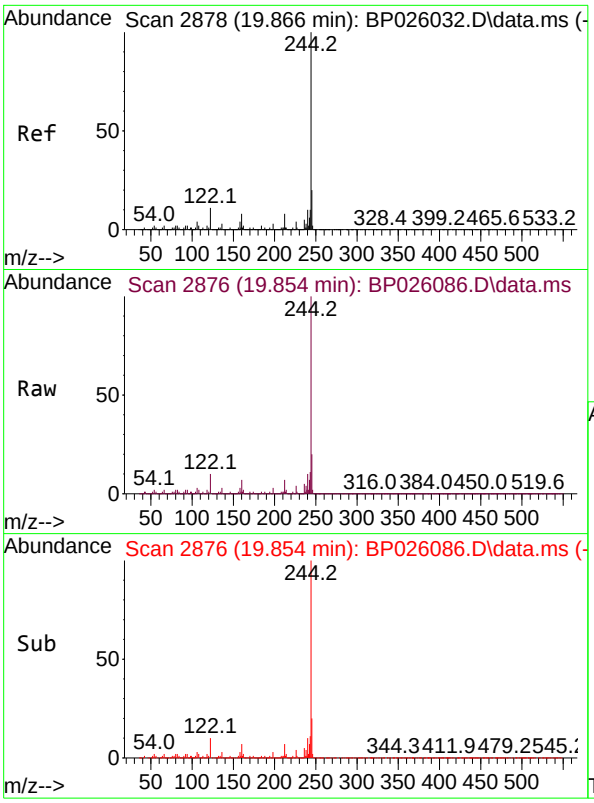


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3166
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:240 Resp: 1759255

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.9	20.6	31.0



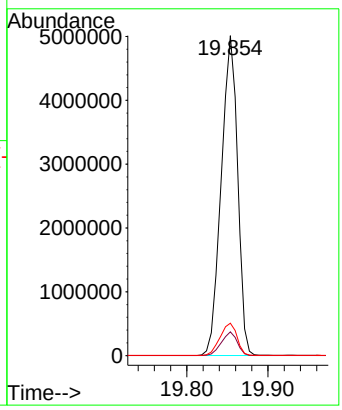


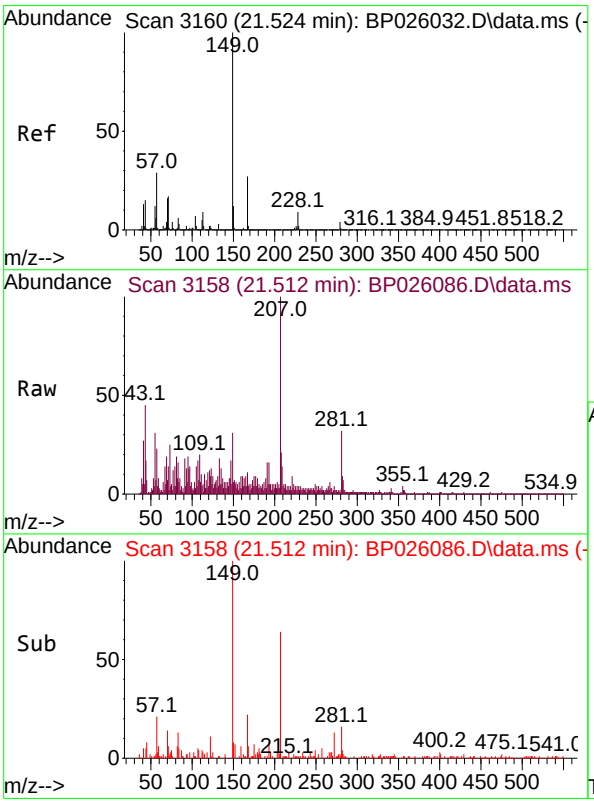
#79
Terphenyl-d14
Concen: 81.125 ng
RT: 19.854 min Scan# 28
Delta R.T. -0.012 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:244 Resp: 7024653

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.1	9.0	13.6

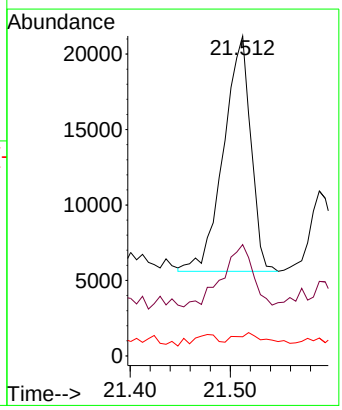


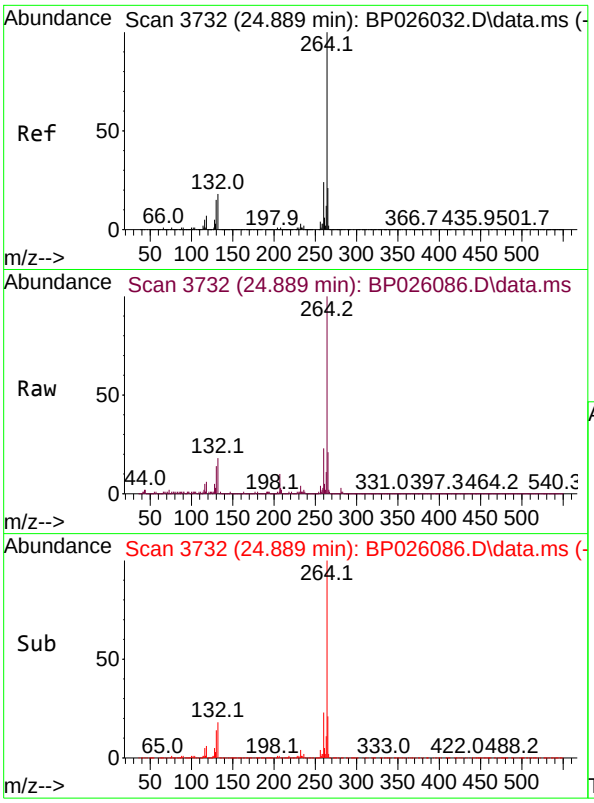


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.989 ng
RT: 21.512 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Tgt Ion:149 Resp: 29404

Ion	Ratio	Lower	Upper
149	100		
167	34.8	21.5	32.3#
279	6.0	3.0	4.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.889 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026086.D
Acq: 06 Nov 2025 21:11

Instrument :
BNA_P
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 2005536

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.4	17.2	25.8