Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026051.D
Acq On : 30 Oct 2025 21:11
Operator : RC/JU
Sample : Q3466-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Quant Time: Oct 31 02:17:22 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	7.684	152	374852	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	1574285	20.000	ng		0.00
39) Acenaphthene-d10	14.319	164	1003733	20.000	ng		0.00
64) Phenanthrene-d10	17.137	188	2090155	20.000	ng		0.01
76) Chrysene-d12	21.583	240	1916756	20.000	ng		0.02
86) Perylene-d12	24.918	264	1966081	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	1428503	62.883	ng		0.00
7) Phenol-d6	6.849	99	1860557	64.347	ng		0.00
23) Nitrobenzene-d5	8.813	82	981703	38.874	ng		-0.01
42) 2,4,6-Tribromophenol	15.837	330	655937	60.448	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	2308607	33.050	ng		0.00
79) Terphenyl-d14	19.878	244	3754937	39.801	ng		0.01
Target Compounds							Qvalue
26) 2-Nitrophenol	9.549	139	82	2.685	ng	#	1
32) Benzoic acid	9.784	122	90	3.124	ng	#	1
48) 2-Nitroaniline	13.366	65	171	2.920	ng	#	23
51) 2,6-Dinitrotoluene	13.878	165	125	2.999	ng	#	72
53) 3-Nitroaniline	14.201	138	360	2.658	ng	#	27
57) 2,4-Dinitrotoluene	14.666	165	306	3.101	ng	#	45
63) Azobenzene	15.713	77	143546	2.158	ng	#	1
75) Fluoranthene	19.272	202	341015	2.403	ng		99
78) Pyrene	19.648	202	440794	3.400	ng		98
80) Butylbenzylphthalate	20.619	149	5634	3.505	ng	#	67
81) Benzo(a)anthracene	21.566	228	333231	2.530	ng		95
83) Chrysene	21.636	228	350457	2.809	ng		98
84) Bis(2-ethylhexyl)phtha...	21.542	149	58759	3.317	ng	#	93
88) Benzo(b)fluoranthene	23.871	252	511476	4.191	ng	#	95
89) Benzo(k)fluoranthene	23.871	252	511802	4.106	ng	#	94
90) Benzo(a)pyrene	24.760	252	396184	3.533	ng	#	95
92) Benzo(g,h,i)perylene	29.853	276	301510	2.653	ng		96

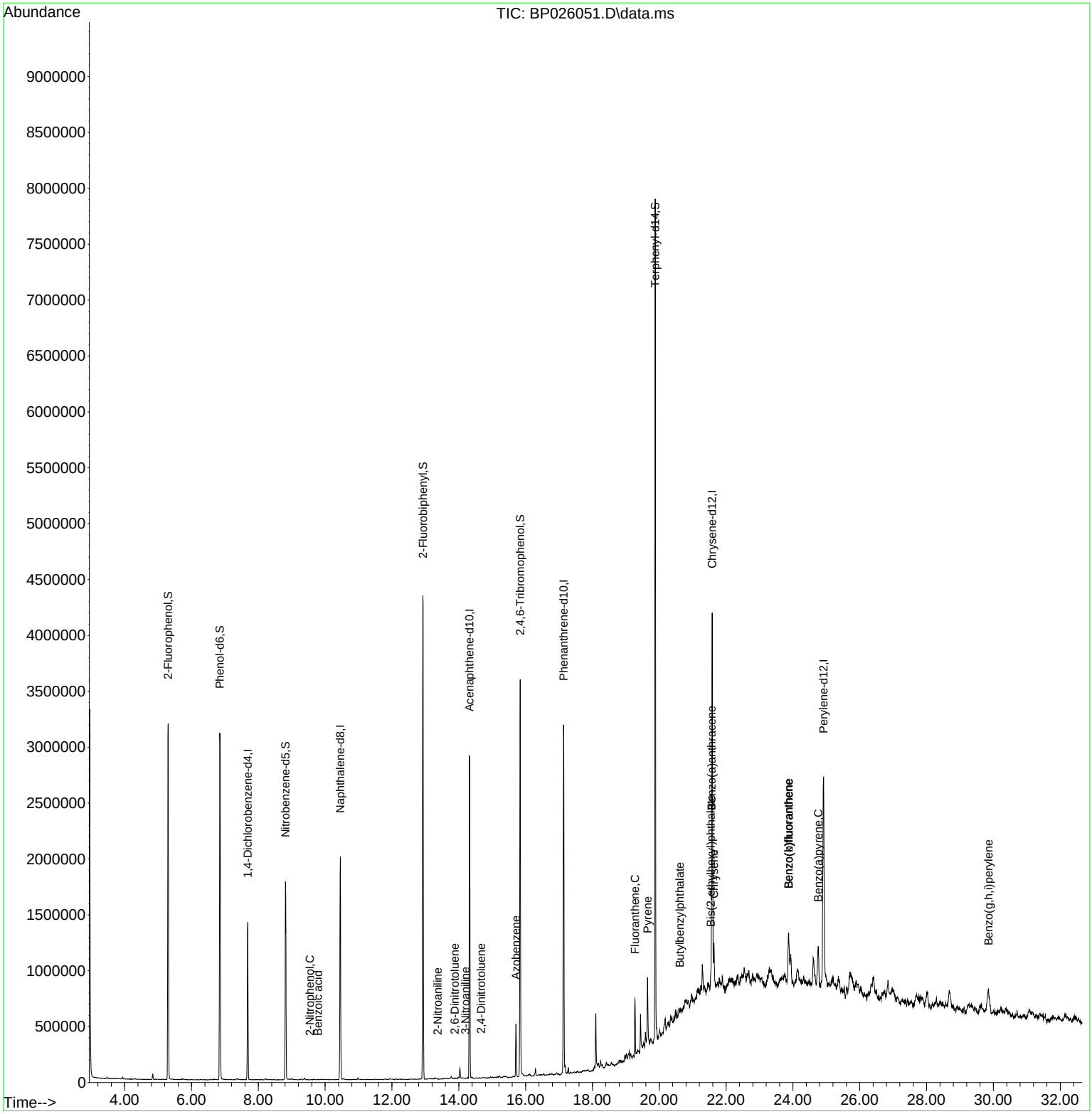
(#) = qualifier out of range (m) = manual integration (+) = signals summed

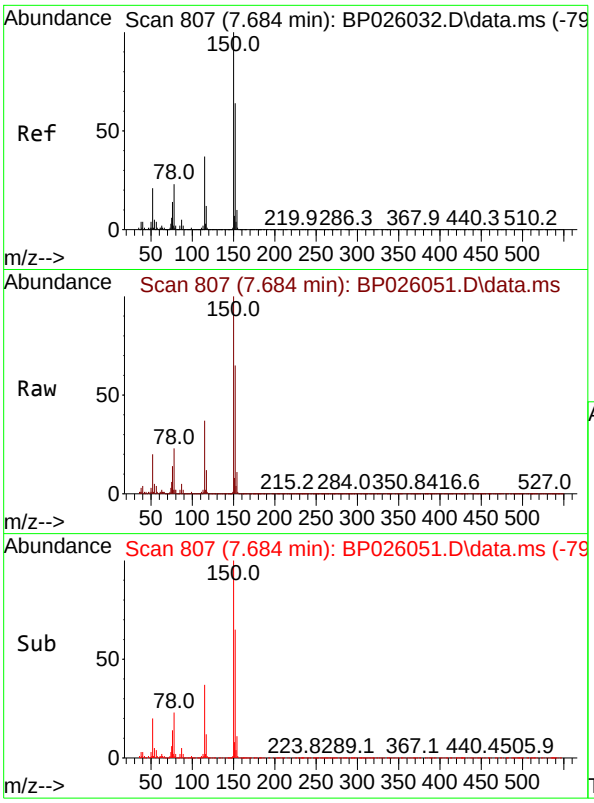
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026051.D
Acq On : 30 Oct 2025 21:11
Operator : RC/JU
Sample : Q3466-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Quant Time: Oct 31 02:17:22 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



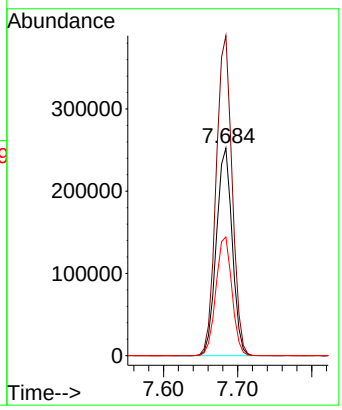


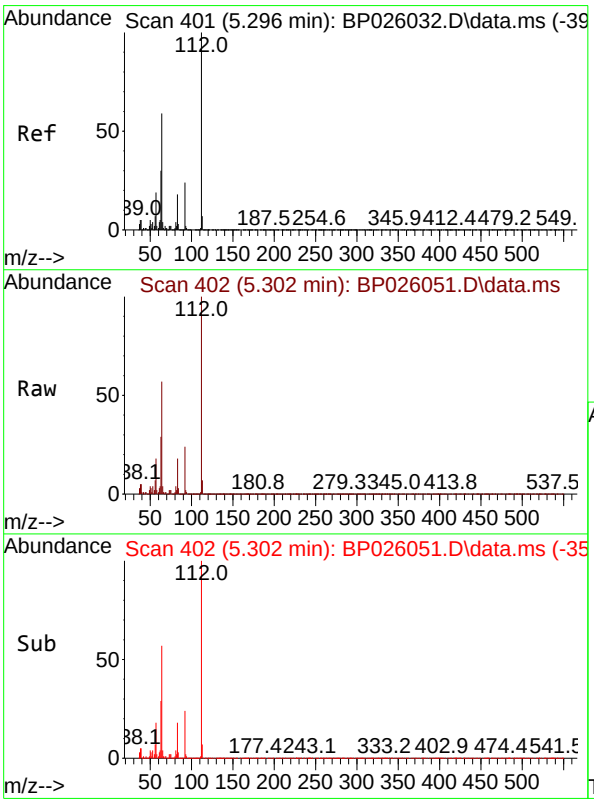
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.684 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:152 Resp: 374852

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.7	188.5
115	57.2	46.4	69.6

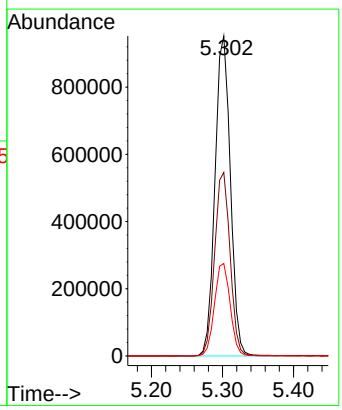


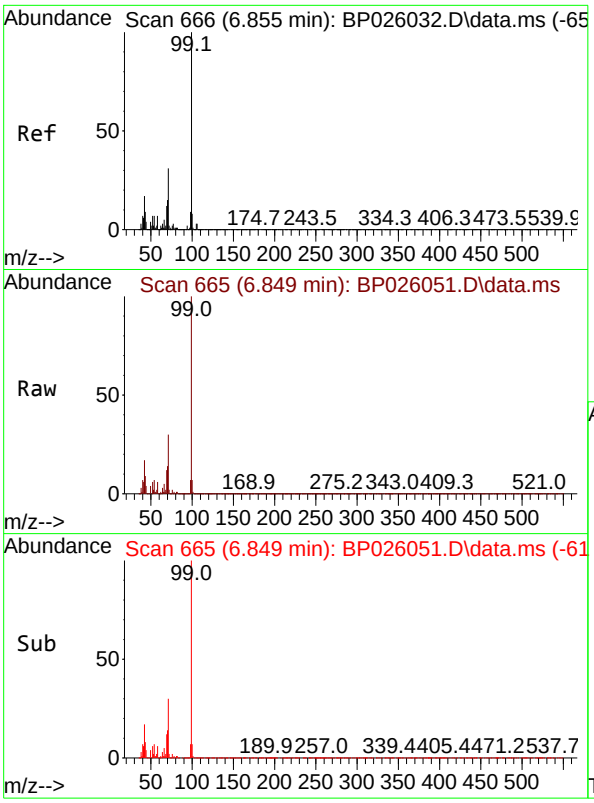


#5
2-Fluorophenol
Concen: 62.883 ng
RT: 5.302 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:112 Resp: 1428503

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.4	71.2
63	28.9	24.2	36.4



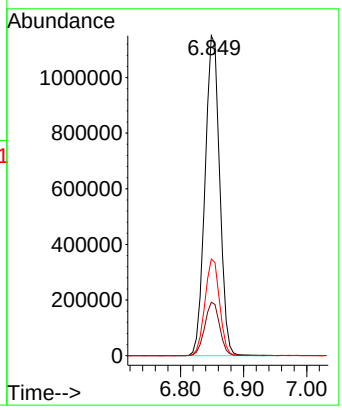


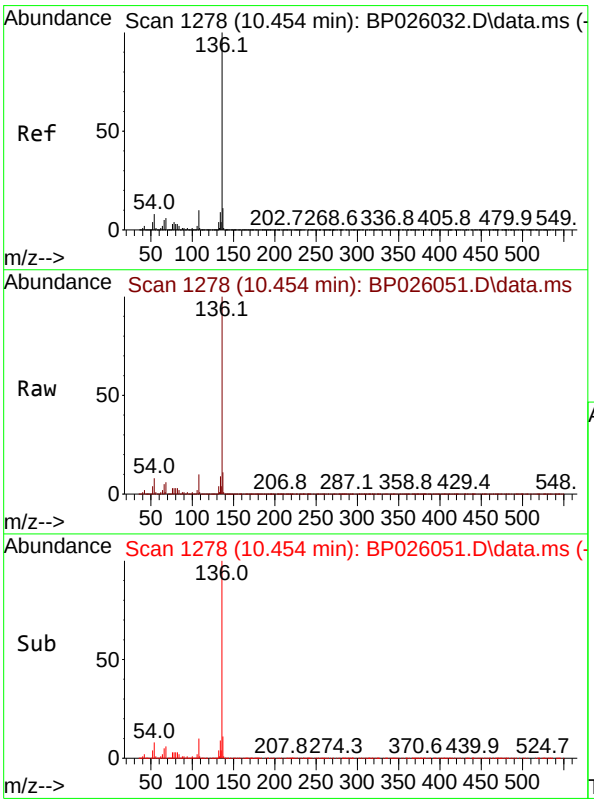
#7
Phenol-d6
Concen: 64.347 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion: 99 Resp: 1860557

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.7	20.5
71	30.2	24.4	36.6

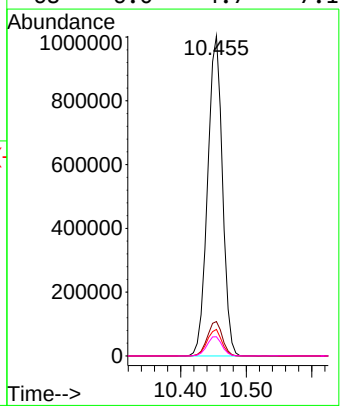


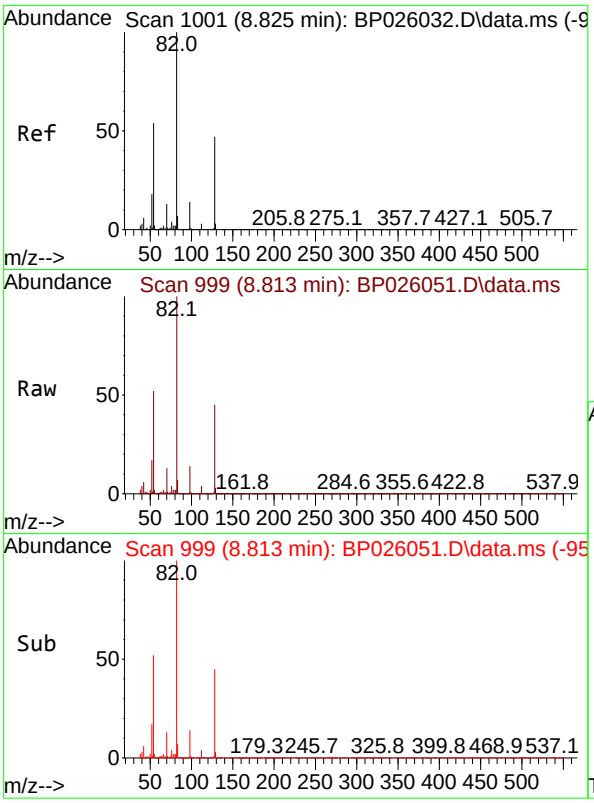


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.454 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:136 Resp: 1574285

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	6.6	10.0
68	6.0	4.7	7.1



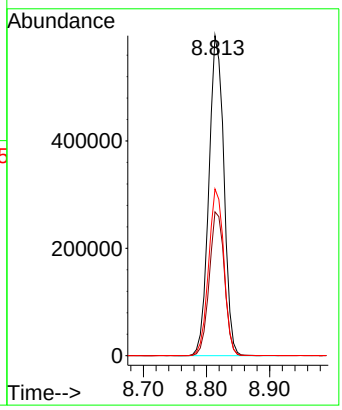


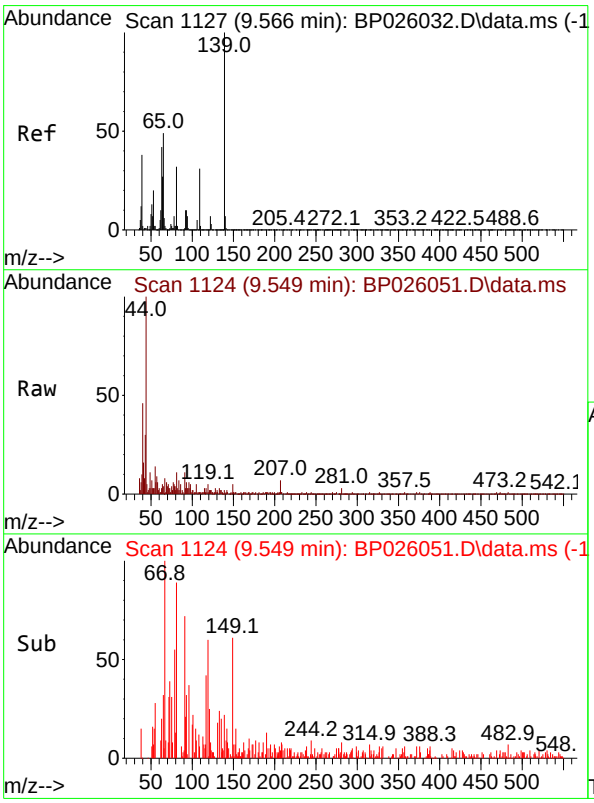
#23
Nitrobenzene-d5
Concen: 38.874 ng
RT: 8.813 min Scan# 9
Delta R.T. -0.011 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion: 82 Resp: 981703

Ion	Ratio	Lower	Upper
82	100		
128	45.0	37.4	56.0
54	52.1	42.7	64.1

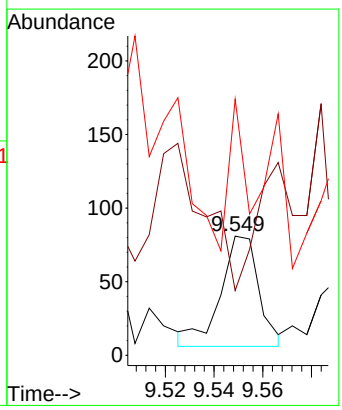


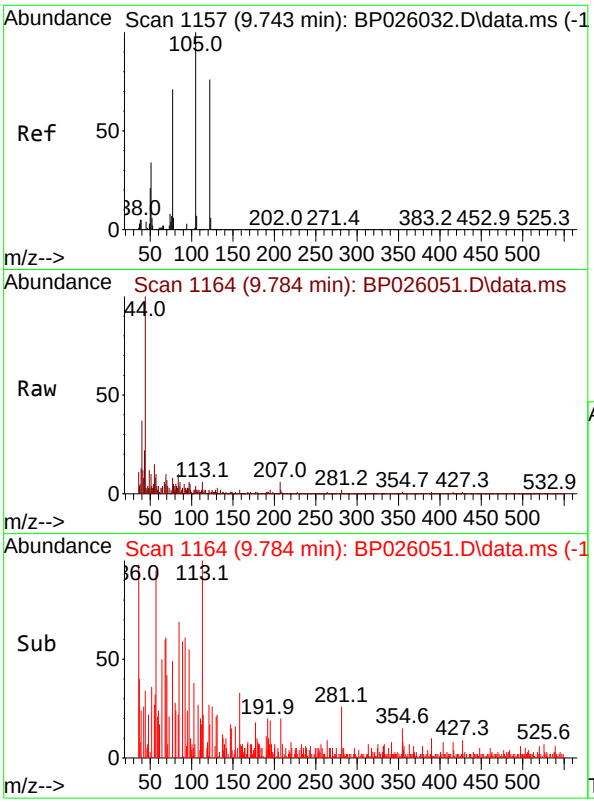


#26
2-Nitrophenol
Concen: 2.685 ng
RT: 9.549 min Scan# 1124
Delta R.T. -0.017 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:139 Resp: 82

Ion	Ratio	Lower	Upper
139	100		
109	52.4	24.8	37.2#
65	225.0	39.0	58.4#



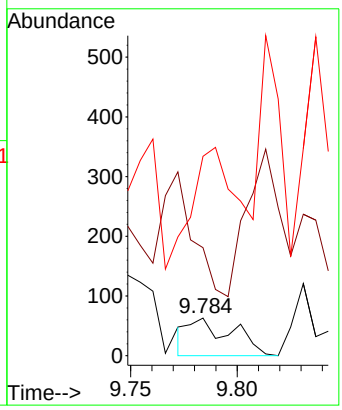


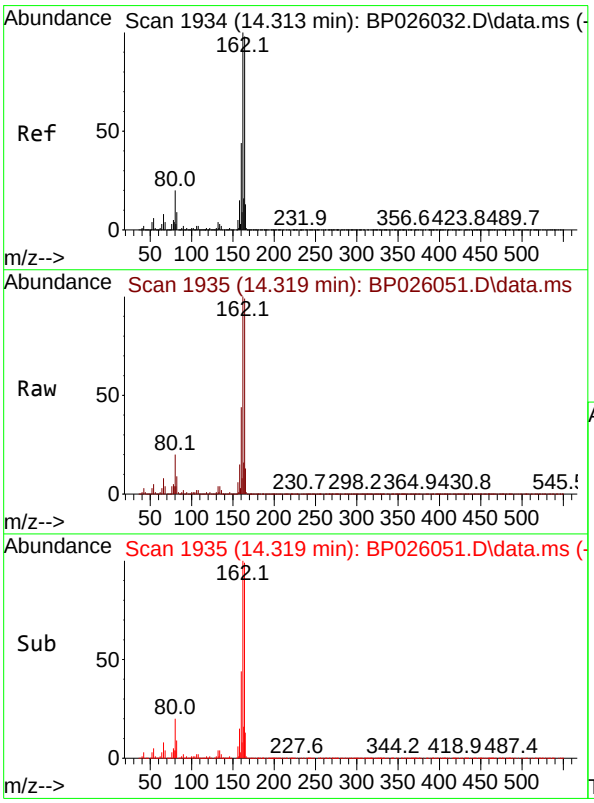
#32
Benzoic acid
Concen: 3.124 ng
RT: 9.784 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:122 Resp: 90

Ion	Ratio	Lower	Upper
122	100		
105	287.3	104.8	144.8#
77	530.2	70.9	110.9#

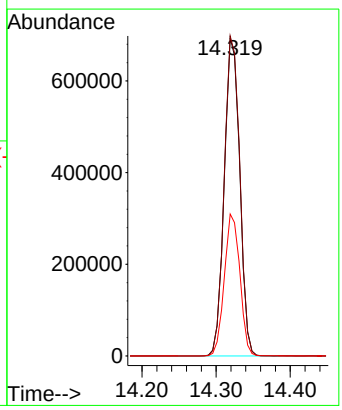


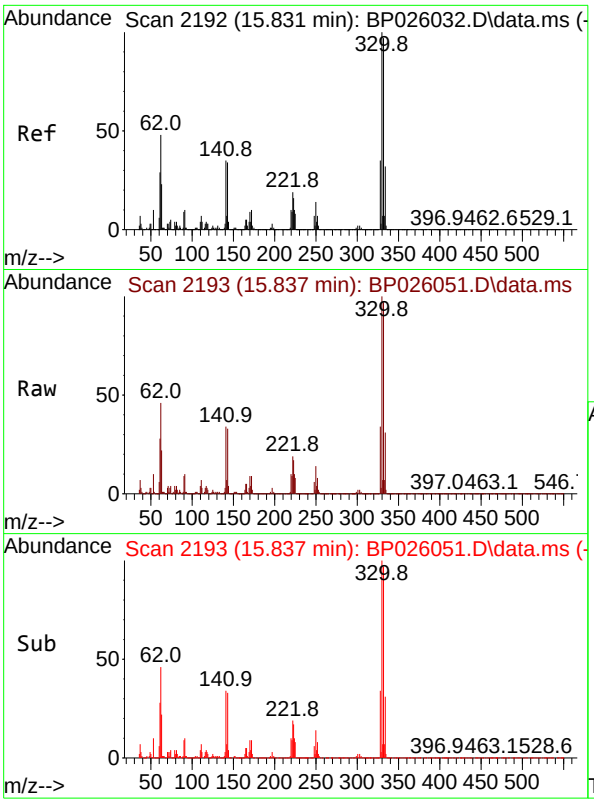


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.319 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:164 Resp: 1003733

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.5	122.3
160	44.6	36.2	54.4



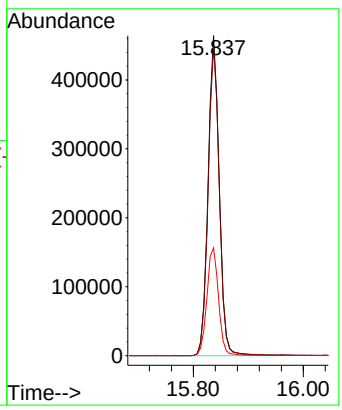


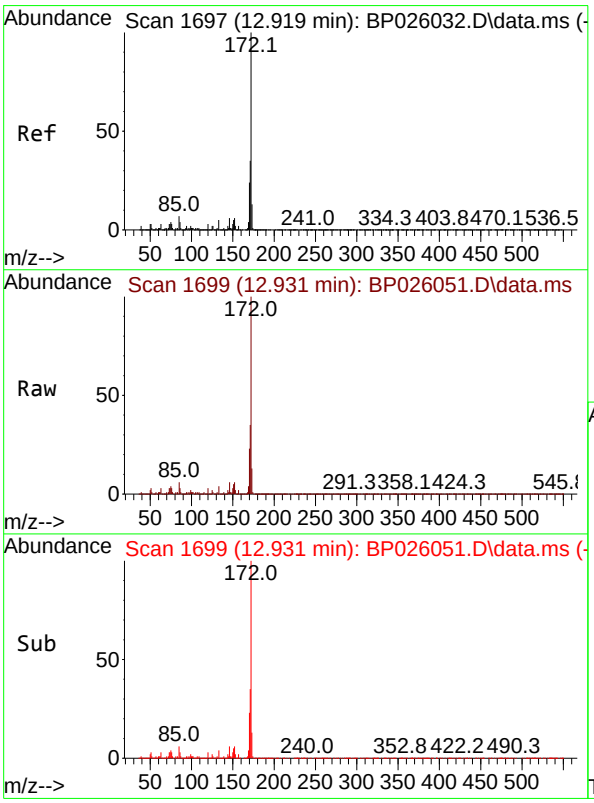
#42
2,4,6-Tribromophenol
Concen: 60.448 ng
RT: 15.837 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:330 Resp: 655937

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	34.8	28.6	42.8

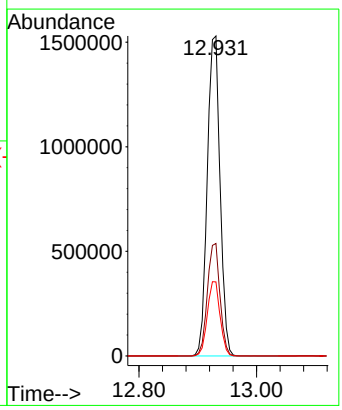


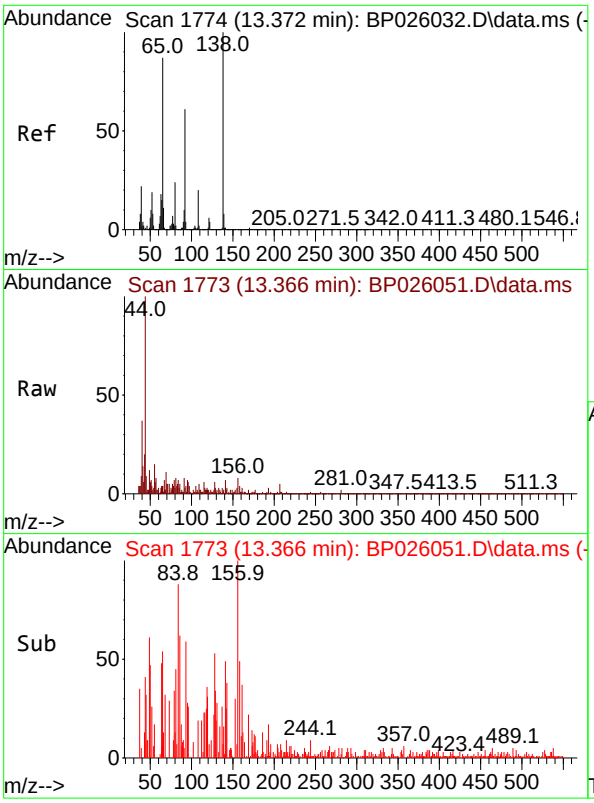


#45
2-Fluorobiphenyl
Concen: 33.050 ng
RT: 12.931 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:172 Resp: 2308607

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.2	19.0	28.4



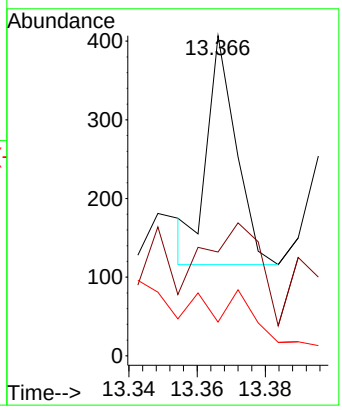


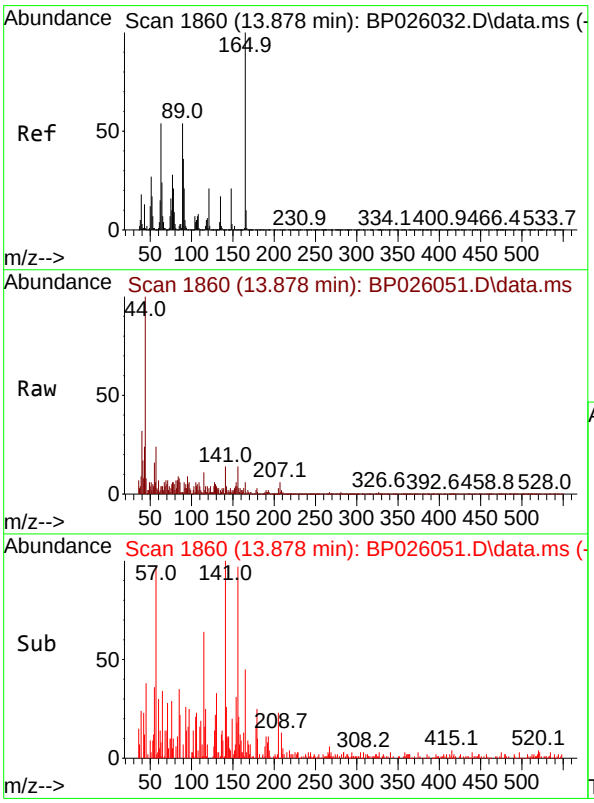
#48
2-Nitroaniline
Concen: 2.920 ng
RT: 13.366 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion: 65 Resp: 171

Ion	Ratio	Lower	Upper
65	100		
92	32.4	55.5	83.3#
138	10.6	91.7	137.5#

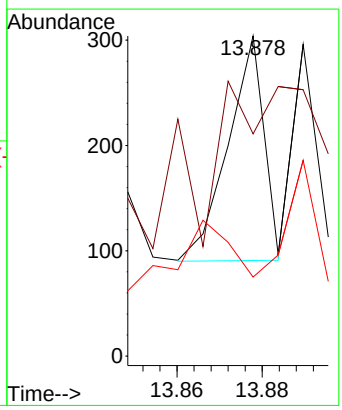


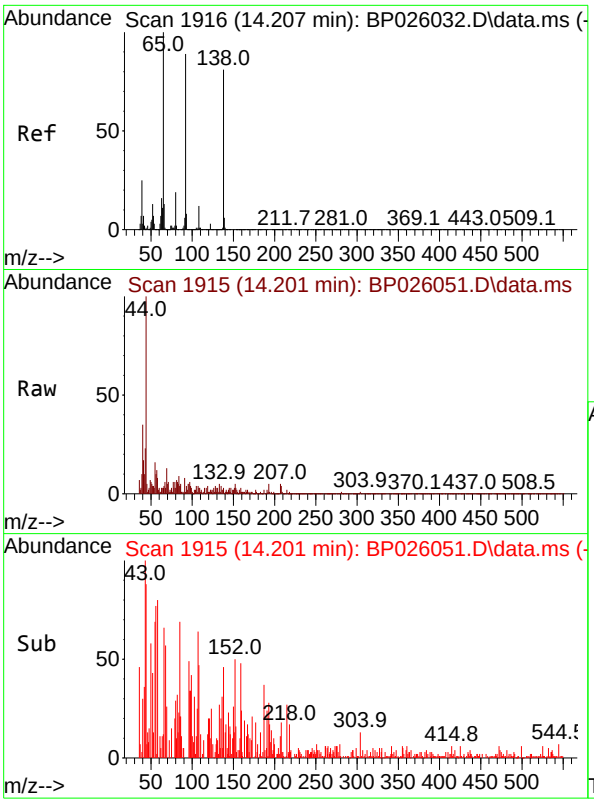


#51
2,6-Dinitrotoluene
Concen: 2.999 ng
RT: 13.878 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:165 Resp: 125

Ion	Ratio	Lower	Upper
165	100		
63	61.3	43.0	64.4
89	21.8	43.0	64.4#



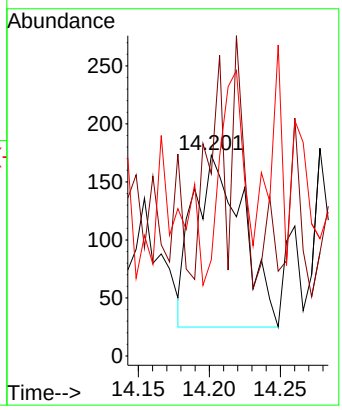


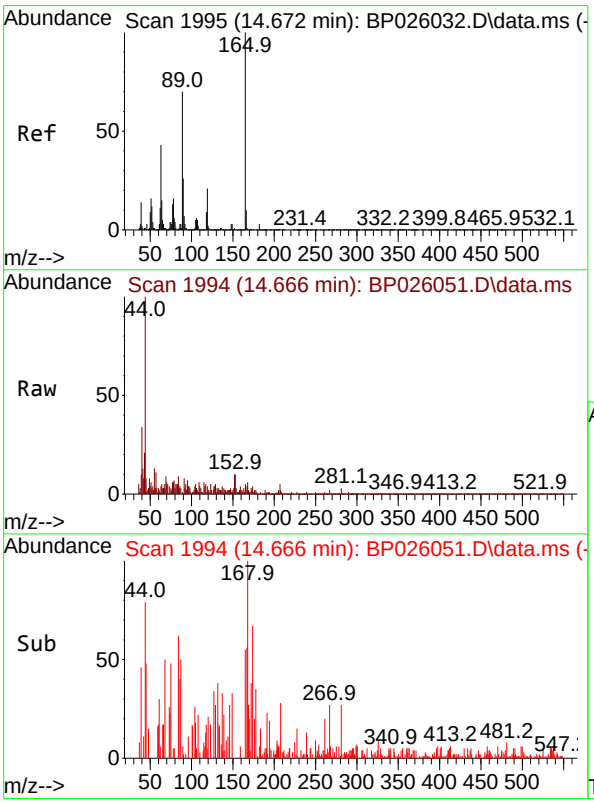
#53
3-Nitroaniline
Concen: 2.658 ng
RT: 14.201 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:138 Resp: 360

Ion	Ratio	Lower	Upper
138	100		
108	90.8	11.4	17.0#
92	48.0	87.1	130.7#

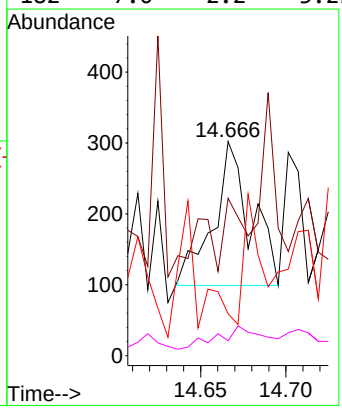


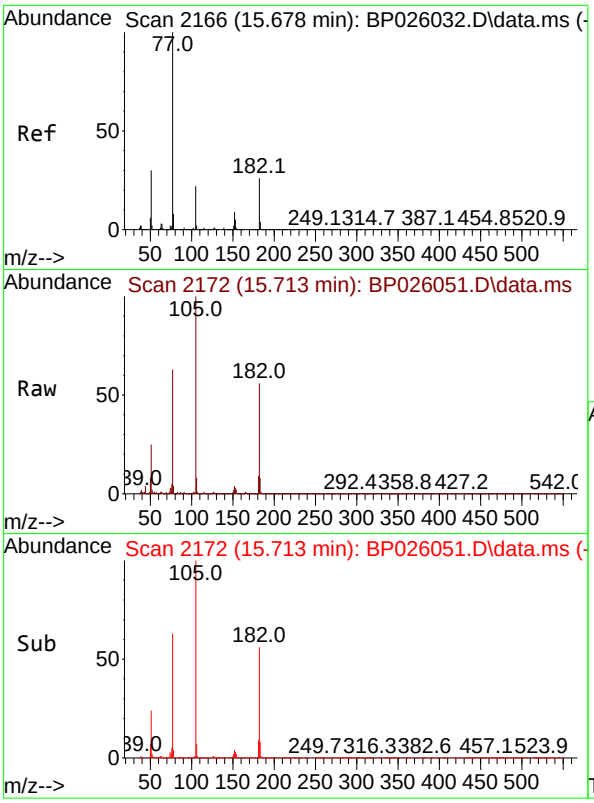


#57
2,4-Dinitrotoluene
Concen: 3.101 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:165 Resp: 306

Ion	Ratio	Lower	Upper
165	100		
63	73.5	34.2	51.2#
89	19.5	56.0	84.0#
182	7.0	2.2	3.2#



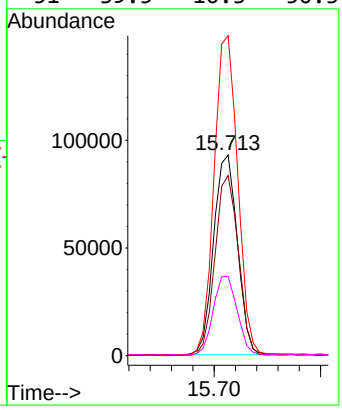


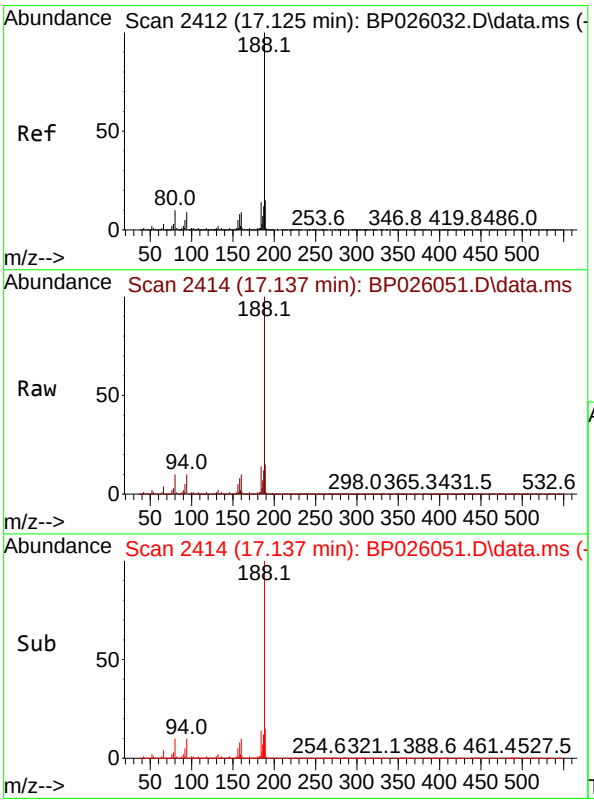
#63
Azobenzene
Concen: 2.158 ng
RT: 15.713 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion: 77 Resp: 143546

Ion	Ratio	Lower	Upper
77	100		
182	89.8	6.4	46.4#
105	159.5	2.2	42.2#
51	39.5	10.3	50.3

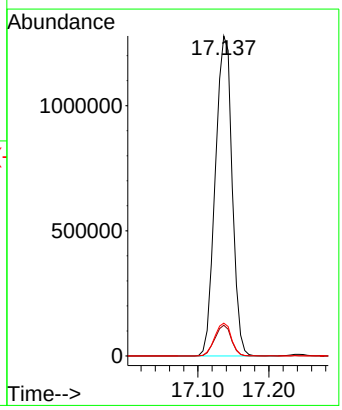


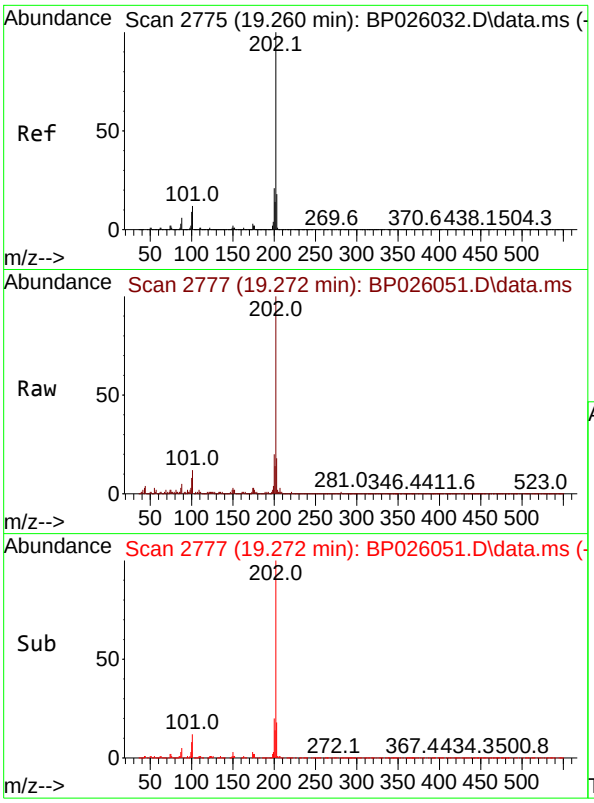


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.137 min Scan# 2414
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:188 Resp: 2090155

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.3	7.9	11.9



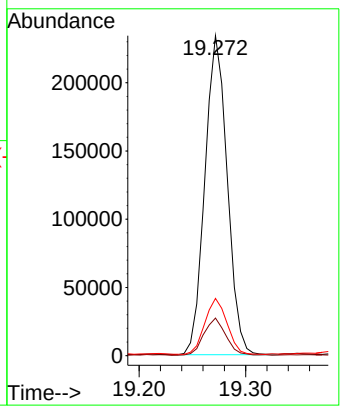


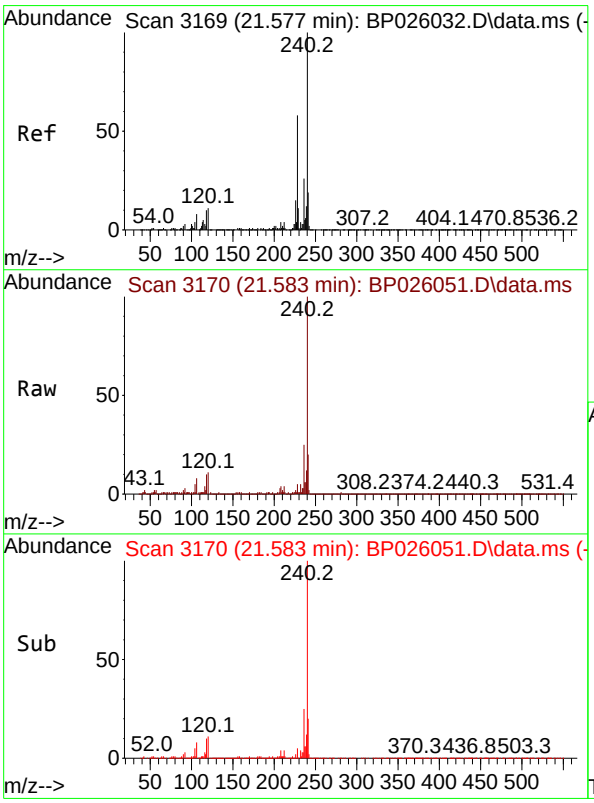
#75
Fluoranthene
Concen: 2.403 ng
RT: 19.272 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:202 Resp: 341015

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.1
203	17.9	0.0	37.6

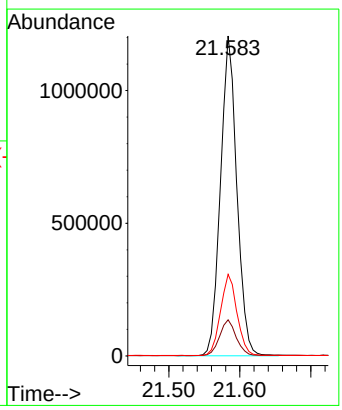


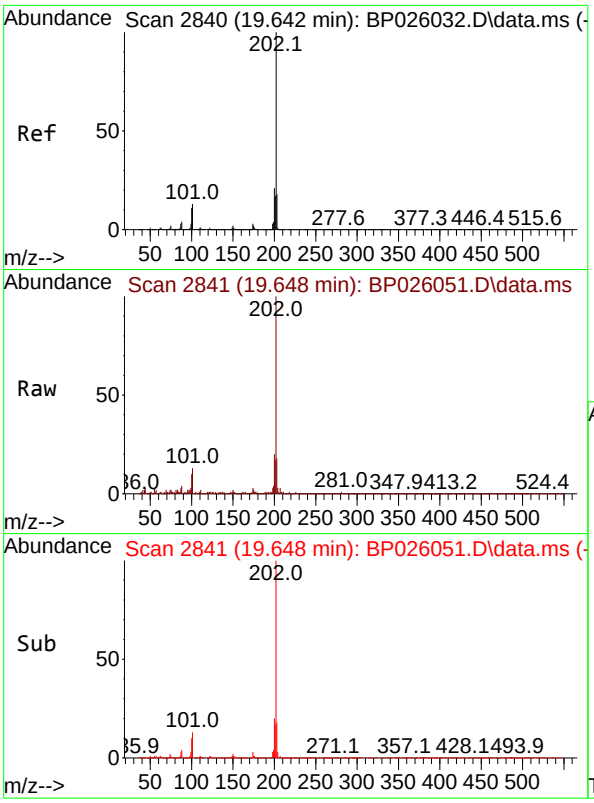


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.583 min Scan# 3170
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:240 Resp: 1916756

Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.9	13.3
236	25.5	20.6	31.0



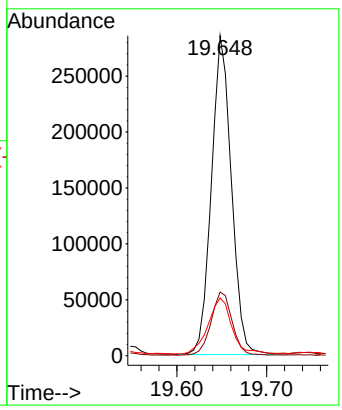


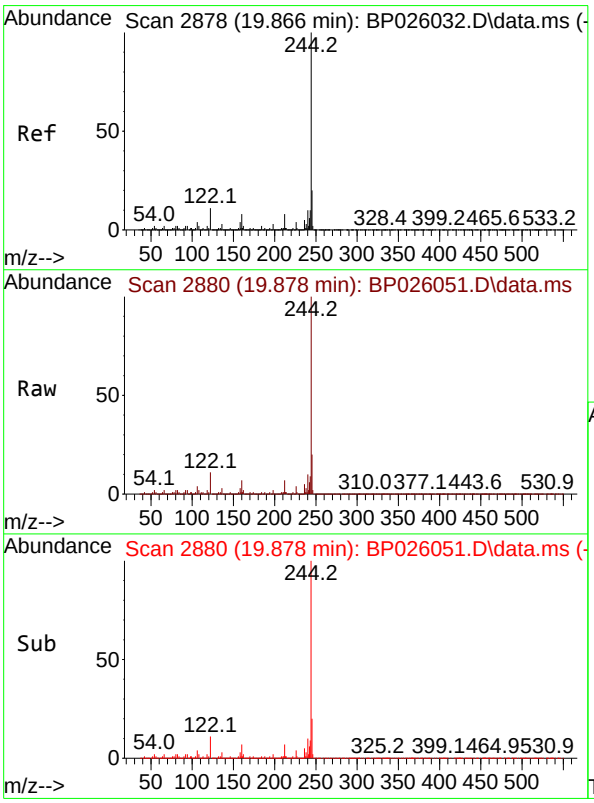
#78
Pyrene
Concen: 3.400 ng
RT: 19.648 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:202 Resp: 440794

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	18.0	14.0	21.0

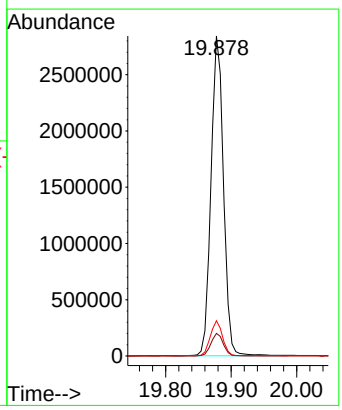


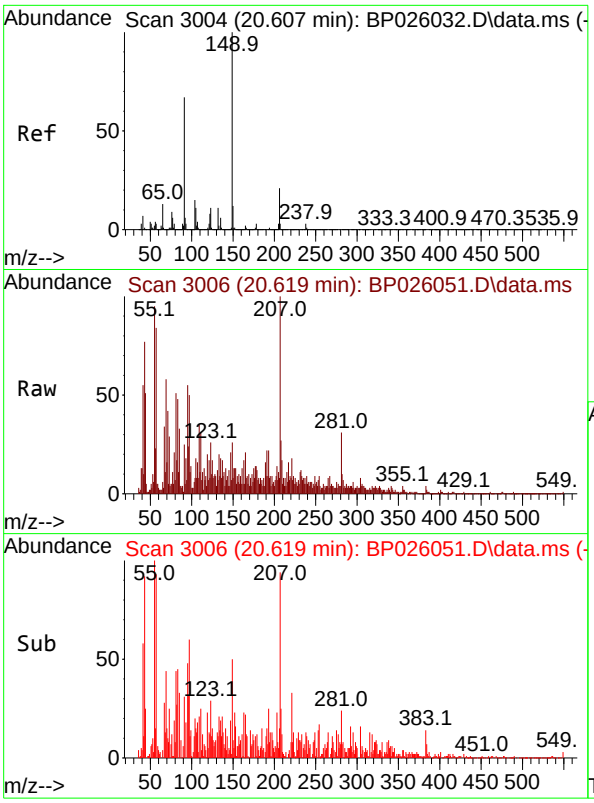


#79
Terphenyl-d14
Concen: 39.801 ng
RT: 19.878 min Scan# 2880
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:244 Resp: 3754937

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.0	9.0	13.6



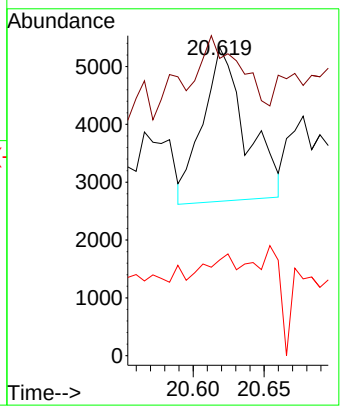


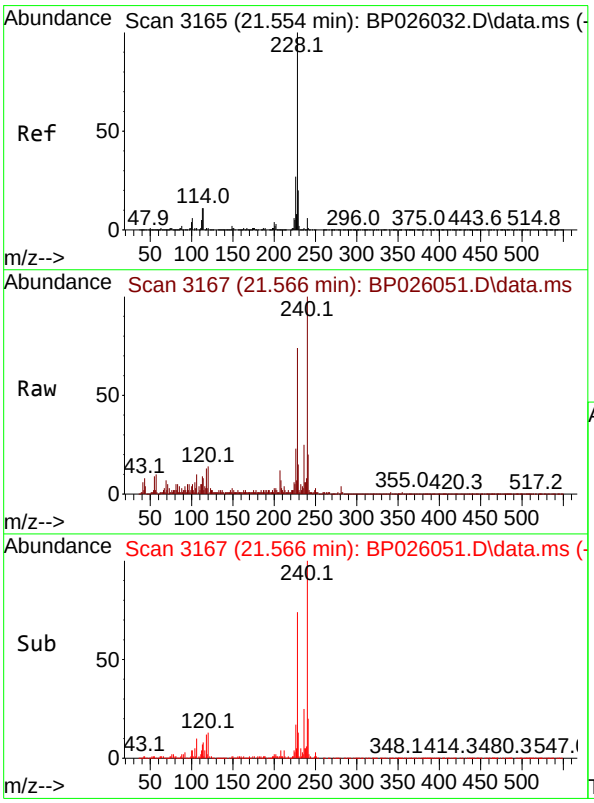
#80
Butylbenzylphthalate
Concen: 3.505 ng
RT: 20.619 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:149 Resp: 5634

Ion	Ratio	Lower	Upper
149	100		
91	96.4	53.5	80.3#
206	31.0	16.6	25.0#

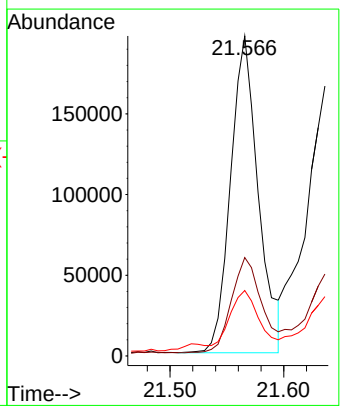


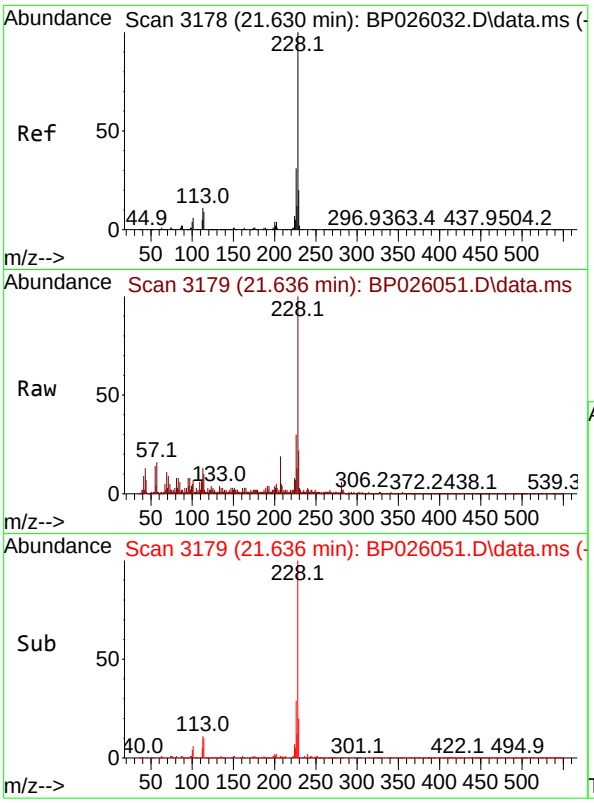


#81
Benzo(a)anthracene
Concen: 2.530 ng
RT: 21.566 min Scan# 3167
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:228 Resp: 333231

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.7	32.5
229	20.4	15.8	23.8



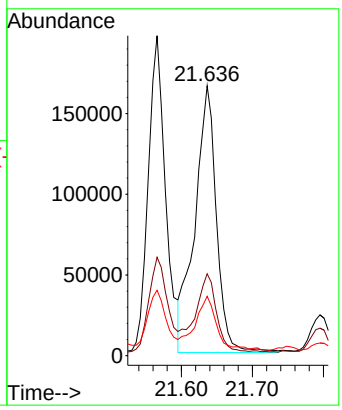


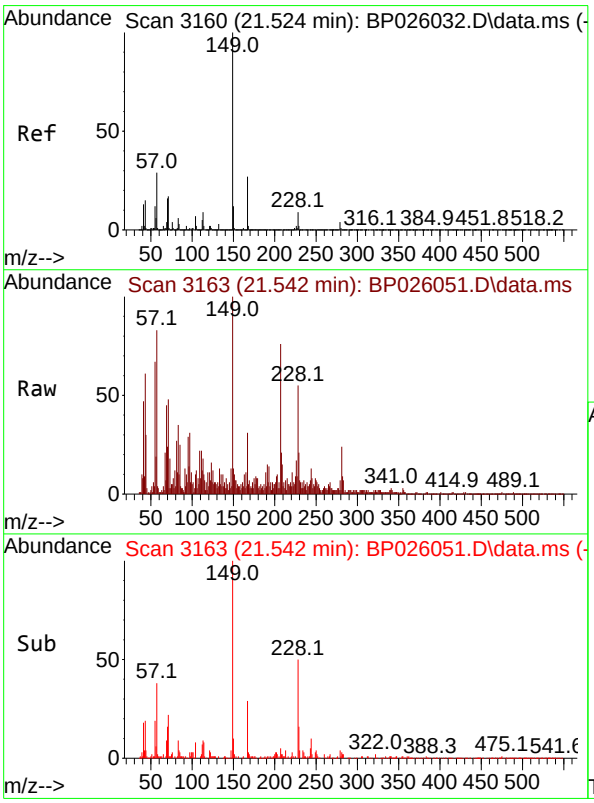
#83
Chrysene
Concen: 2.809 ng
RT: 21.636 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:228 Resp: 350457

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.0	16.0	24.0

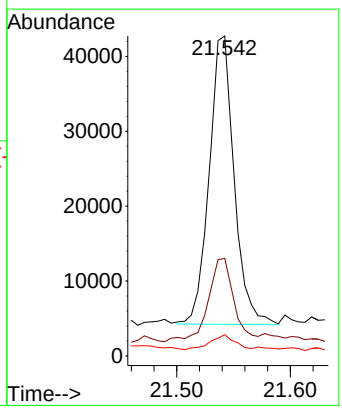


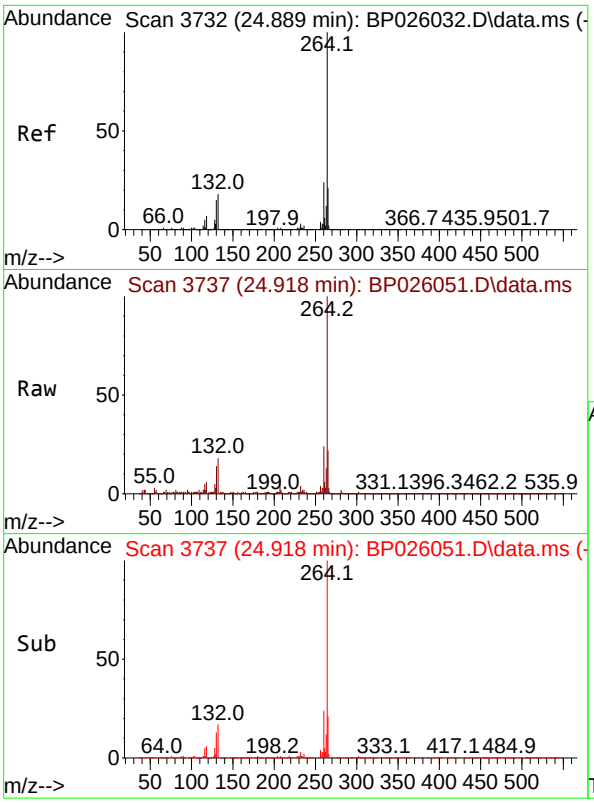


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.317 ng
RT: 21.542 min Scan# 3163
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:149 Resp: 58759

Ion	Ratio	Lower	Upper
149	100		
167	30.5	21.5	32.3
279	6.6	3.0	4.6#



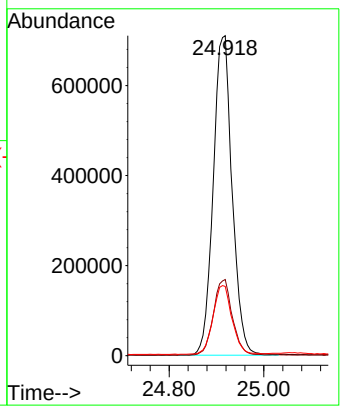


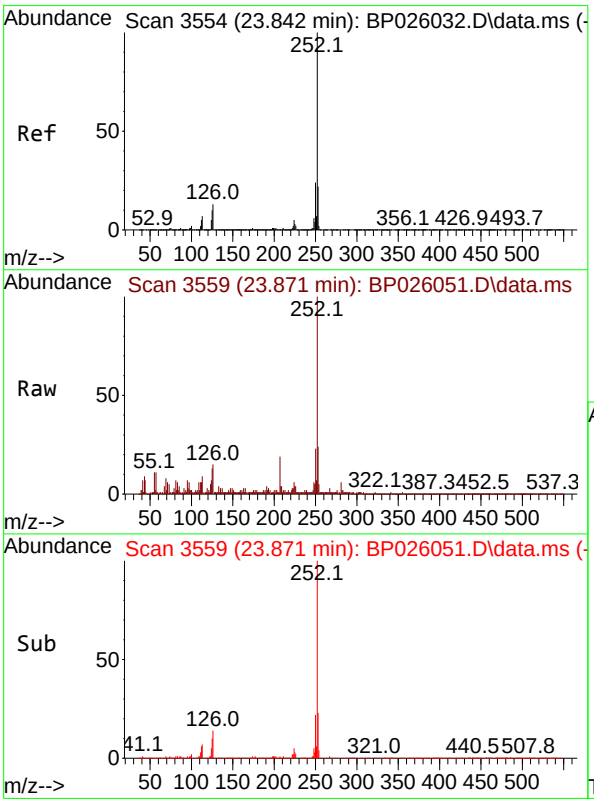
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.918 min Scan# 3
Delta R.T. 0.036 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:264 Resp: 1966081

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.6	17.2	25.8

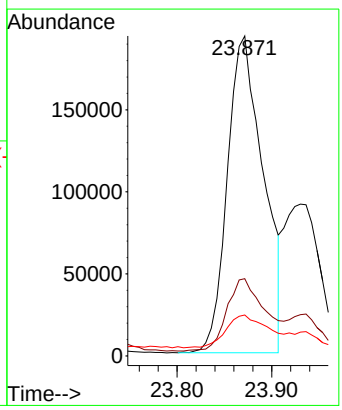


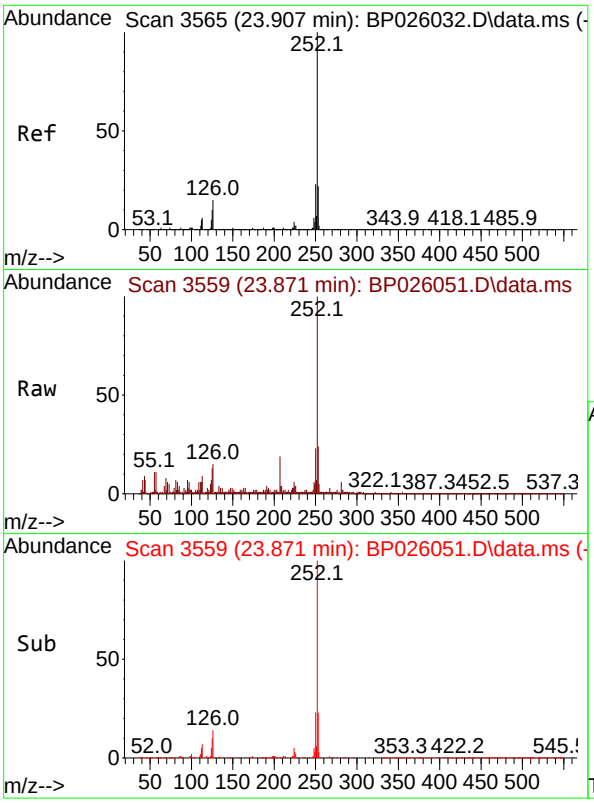


#88
Benzo(b)fluoranthene
Concen: 4.191 ng
RT: 23.871 min Scan# 3559
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:252 Resp: 511476

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	12.8	8.1	12.1#



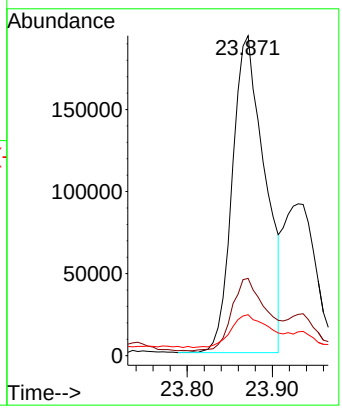


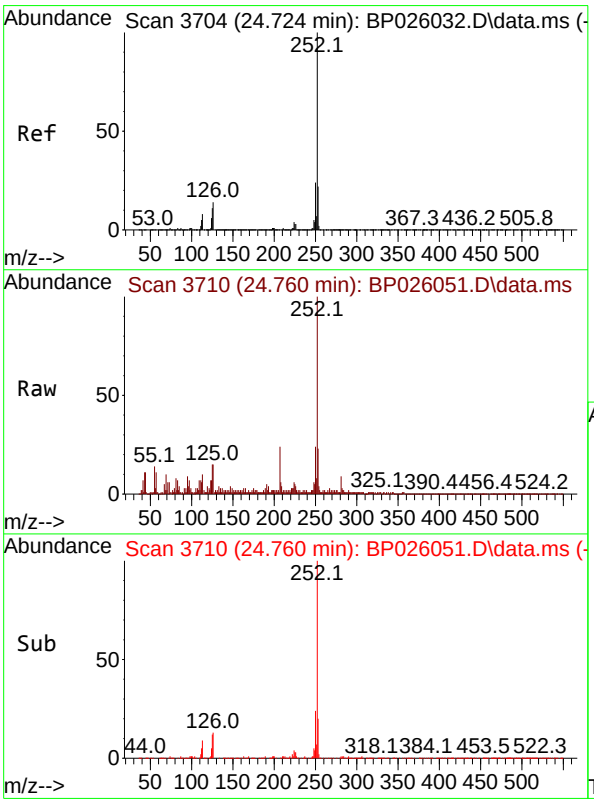
#89
Benzo(k)fluoranthene
Concen: 4.106 ng
RT: 23.871 min Scan# 3
Delta R.T. -0.053 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:252 Resp: 511802

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	12.8	8.1	12.1#

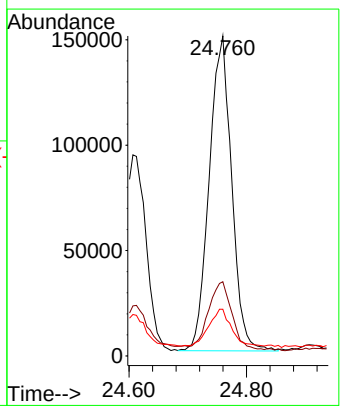


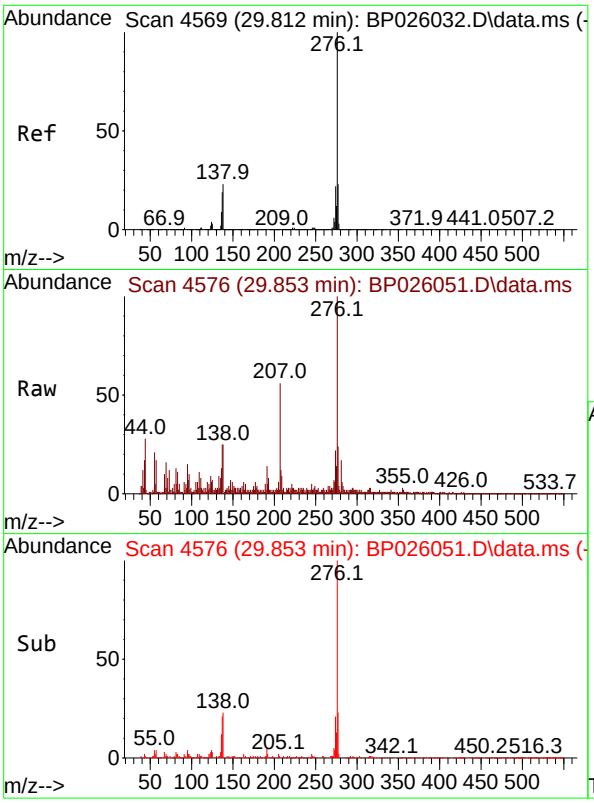


#90
Benzo(a)pyrene
Concen: 3.533 ng
RT: 24.760 min Scan# 3710
Delta R.T. 0.018 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Tgt Ion:252 Resp: 396184

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	14.6	9.1	13.7#





#92
Benzo(g,h,i)perylene
Concen: 2.653 ng
RT: 29.853 min Scan# 4
Delta R.T. 0.024 min
Lab File: BP026051.D
Acq: 30 Oct 2025 21:11

Instrument :
BNA_P
ClientSampleId :
B7-1.0-2.0-20251023

Tgt Ion:276 Resp: 301510

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	24.9	18.1	27.1