Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Time: Nov 13 16:43:55 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	7.672	152	326478	20.000	ng		-0.02
21) Naphthalene-d8	10.437	136	1335430	20.000	ng		-0.02
39) Acenaphthene-d10	14.313	164	850727	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1701913	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1715968	20.000	ng		0.00
86) Perylene-d12	24.901	264	1947610	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.296	112	1672322	84.523	ng		0.00
7) Phenol-d6	6.849	99	2127277	84.473	ng		0.00
23) Nitrobenzene-d5	8.807	82	1223447	57.112	ng		-0.02
42) 2,4,6-Tribromophenol	15.836	330	883161	96.025	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	3117300	52.653	ng		0.00
79) Terphenyl-d14	19.866	244	4682984	55.446	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	9.537	139	70	2.685	ng	#	1
32) Benzoic acid	9.660	122	2763	3.423	ng		91
48) 2-Nitroaniline	13.354	65	202	2.924	ng	#	31
49) Acenaphthylene	14.031	152	183076	2.451	ng		99
51) 2,6-Dinitrotoluene	13.854	165	659	3.044	ng	#	1
53) 3-Nitroaniline	14.213	138	34	2.640	ng	#	1
57) 2,4-Dinitrotoluene	14.689	165	521	3.115	ng	#	79
58) Fluorene	15.384	166	129721	2.137	ng		98
63) Azobenzene	15.707	77	202606	3.594	ng	#	1
71) Phenanthrene	17.172	178	2328843	23.509	ng		100
72) Anthracene	17.266	178	385892	3.930	ng		99
73) Carbazole	17.536	167	252130	2.713	ng		100
75) Fluoranthene	19.260	202	4164866	36.042	ng		98
78) Pyrene	19.630	202	4012998	34.577	ng		99
80) Butylbenzylphthalate	20.601	149	3375	3.469	ng	#	61
81) Benzo(a)anthracene	21.554	228	1860583	15.779	ng		97
83) Chrysene	21.618	228	2300372	20.594	ng		98
84) Bis(2-ethylhexyl)phtha...	21.518	149	55001	3.349	ng		99
87) Indeno(1,2,3-cd)pyrene	28.659	276	1328842	9.242	ng	#	89
88) Benzo(b)fluoranthene	23.842	252	3393266	28.065	ng		98
89) Benzo(k)fluoranthene	23.912	252	1030251	8.344	ng		97
90) Benzo(a)pyrene	24.736	252	1918413	17.271	ng		99
92) Benzo(g,h,i)perylene	29.824	276	1253381	11.131	ng		99

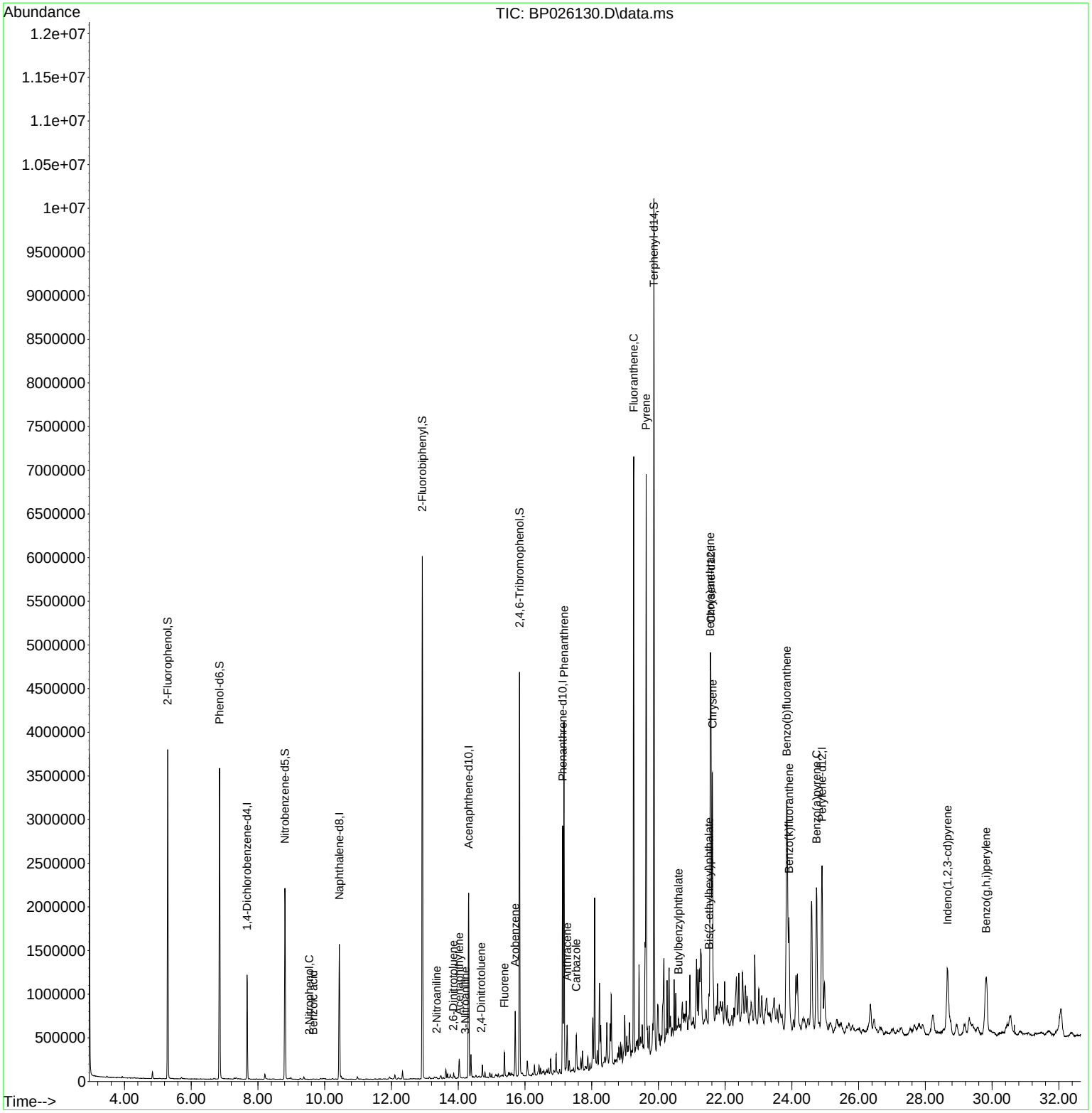
(#) = qualifier out of range (m) = manual integration (+) = signals summed

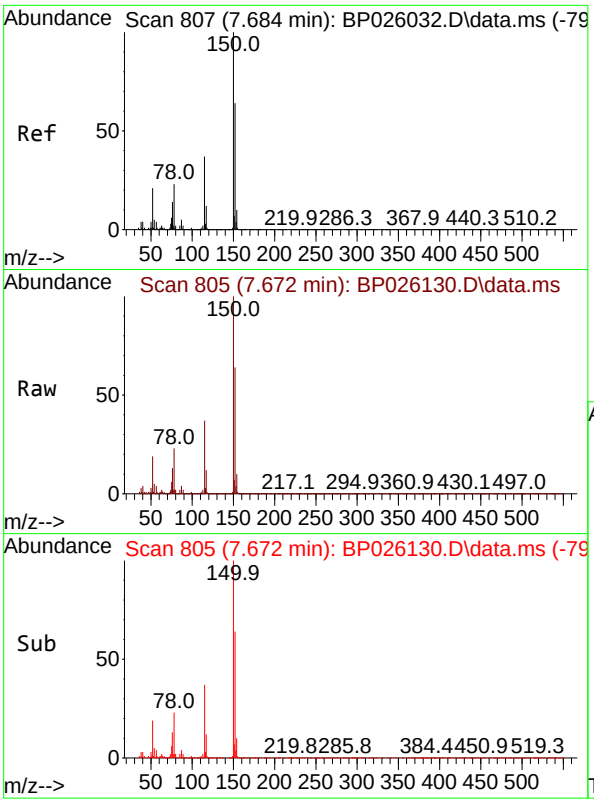
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Time: Nov 13 16:43:55 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



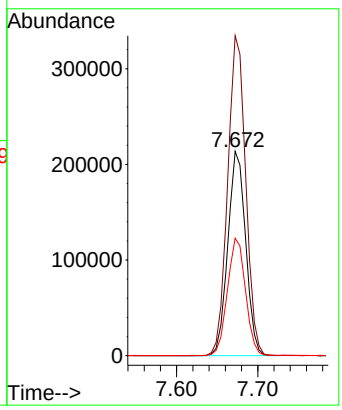


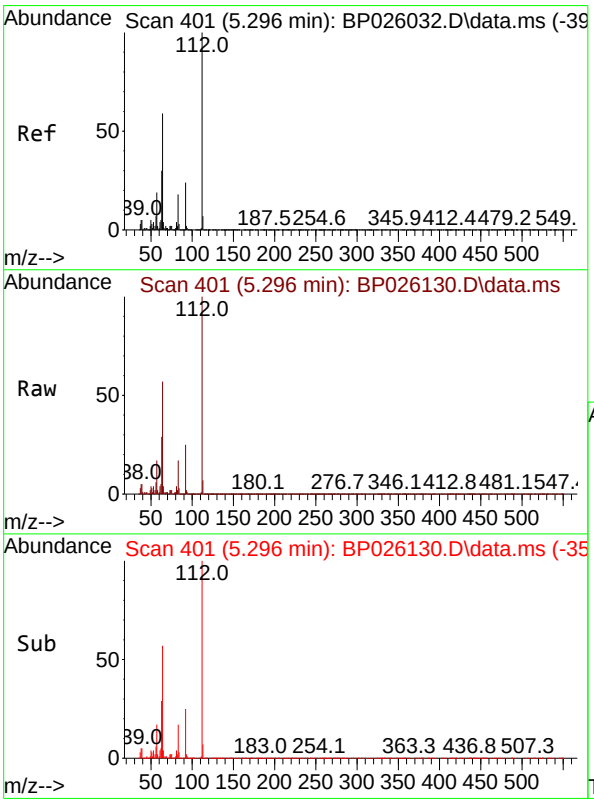
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:152 Resp: 326478

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.7	188.5
115	57.5	46.4	69.6

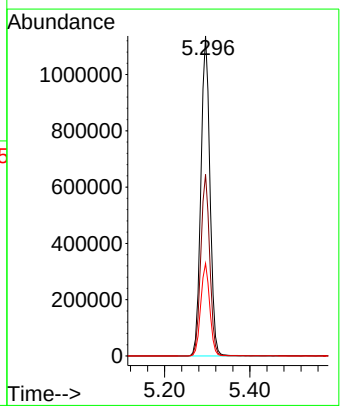


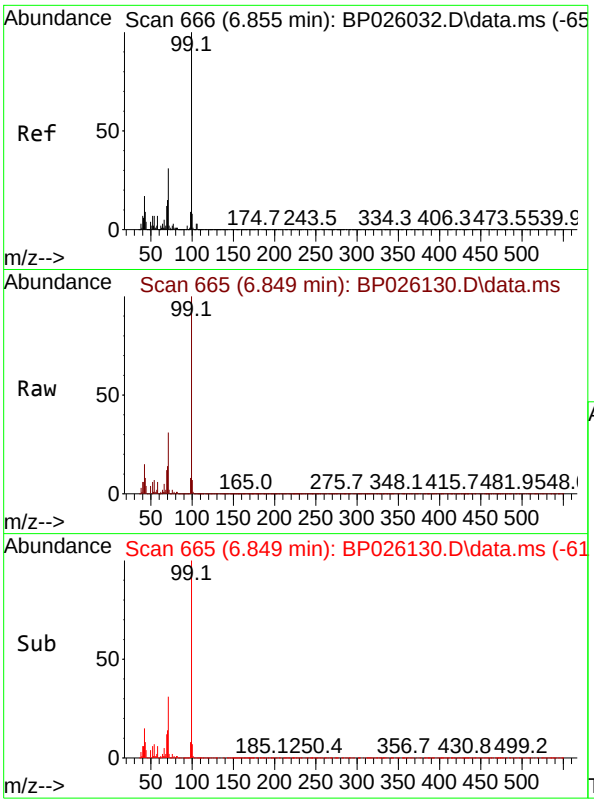


#5
2-Fluorophenol
Concen: 84.523 ng
RT: 5.296 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:112 Resp: 1672322

Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.4	71.2
63	28.9	24.2	36.4



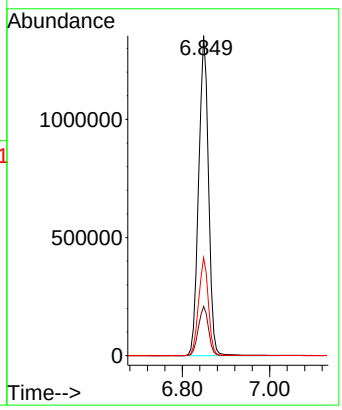


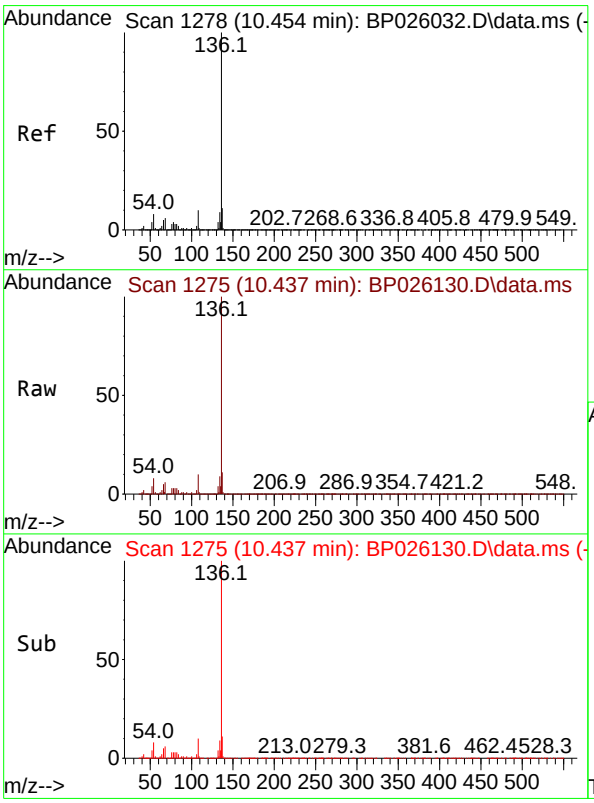
#7
Phenol-d6
Concen: 84.473 ng
RT: 6.849 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 2127277

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	30.6	24.4	36.6

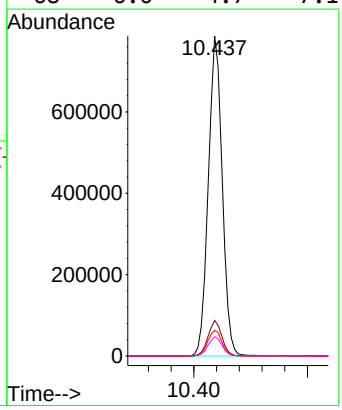


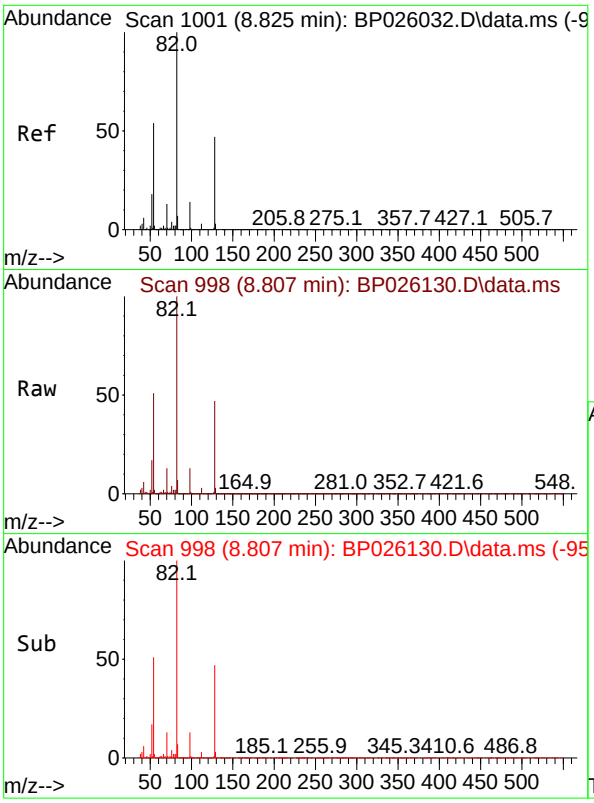


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.017 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:136 Resp: 1335430

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.6	10.0
68	6.0	4.7	7.1



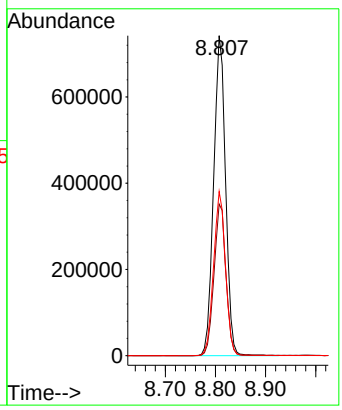


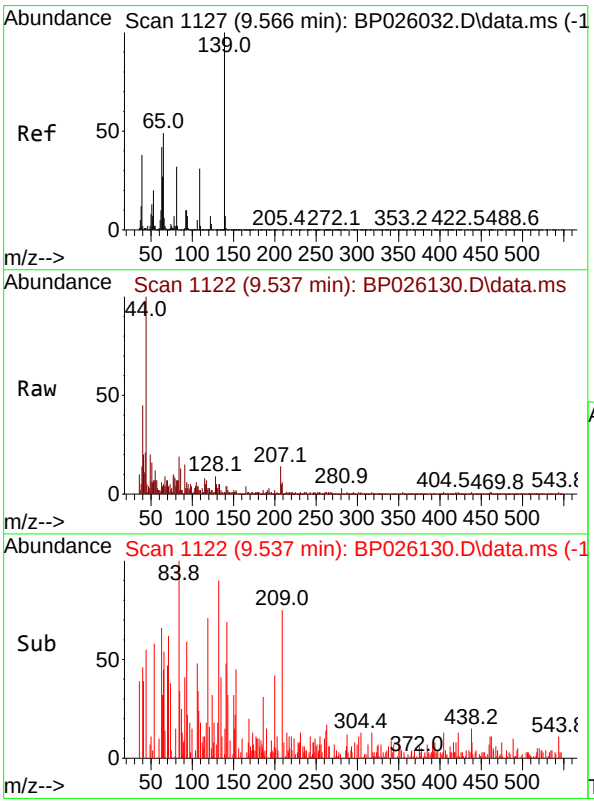
#23
Nitrobenzene-d5
Concen: 57.112 ng
RT: 8.807 min Scan# 9
Delta R.T. -0.018 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 82 Resp: 1223447

Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.0
54	51.3	42.7	64.1

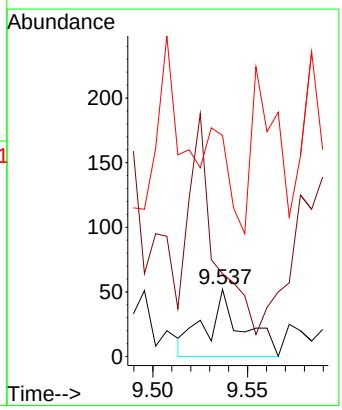


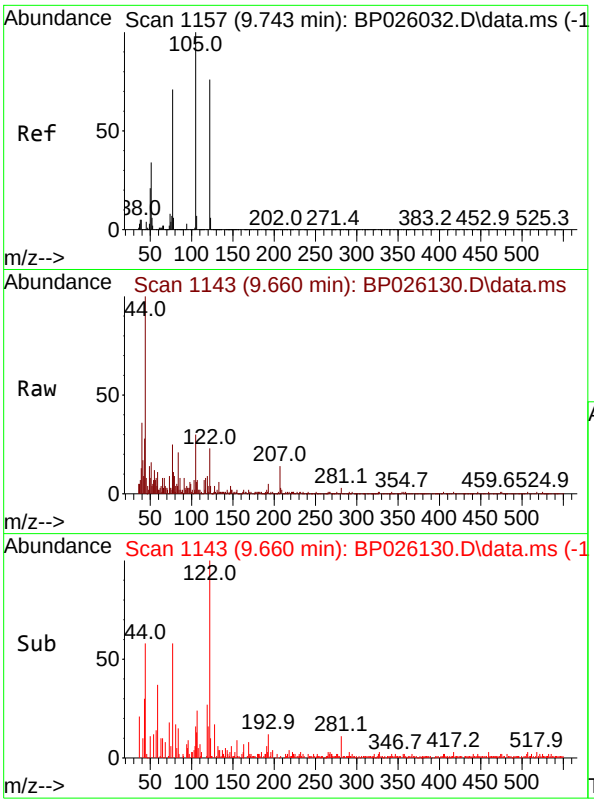


#26
2-Nitrophenol
Concen: 2.685 ng
RT: 9.537 min Scan# 1122
Delta R.T. -0.029 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:139 Resp: 70

Ion	Ratio	Lower	Upper
139	100		
109	123.1	24.8	37.2#
65	328.8	39.0	58.4#



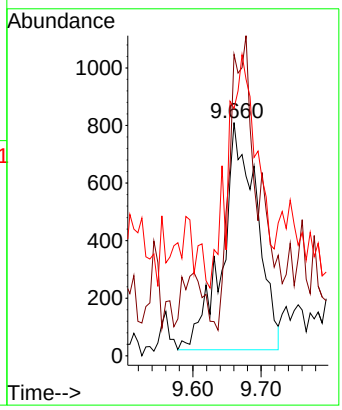


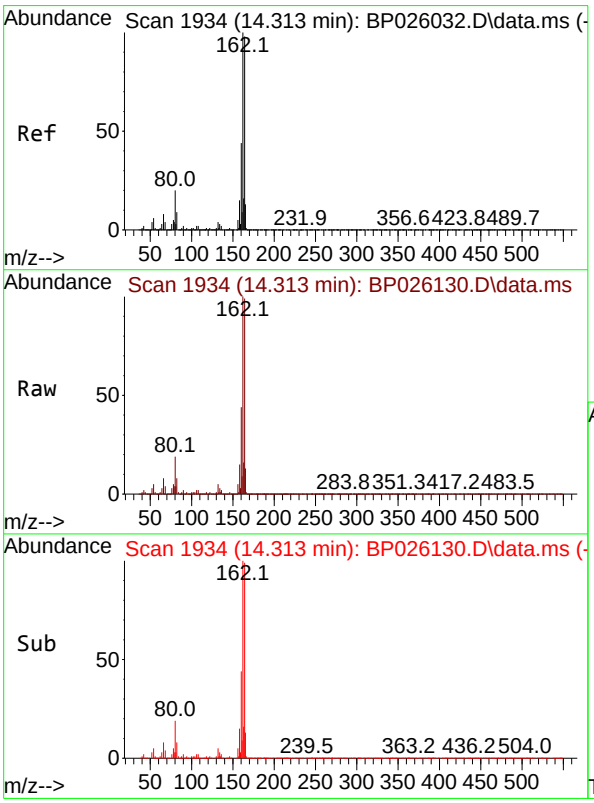
#32
Benzoic acid
Concen: 3.423 ng
RT: 9.660 min Scan# 11
Delta R.T. -0.118 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:122 Resp: 2763

Ion	Ratio	Lower	Upper
122	100		
105	129.3	104.8	144.8
77	106.0	70.9	110.9

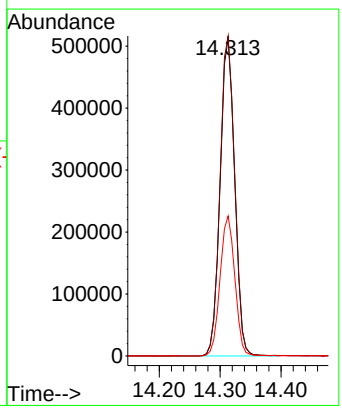


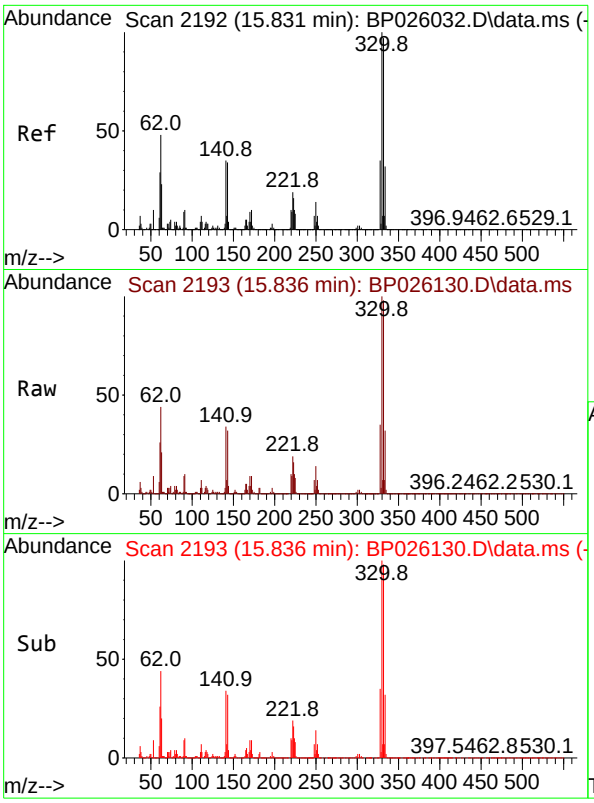


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:164 Resp: 850727

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.5	122.3
160	44.1	36.2	54.4



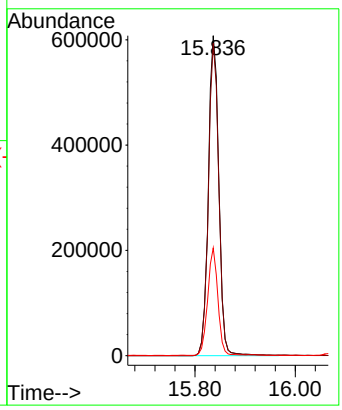


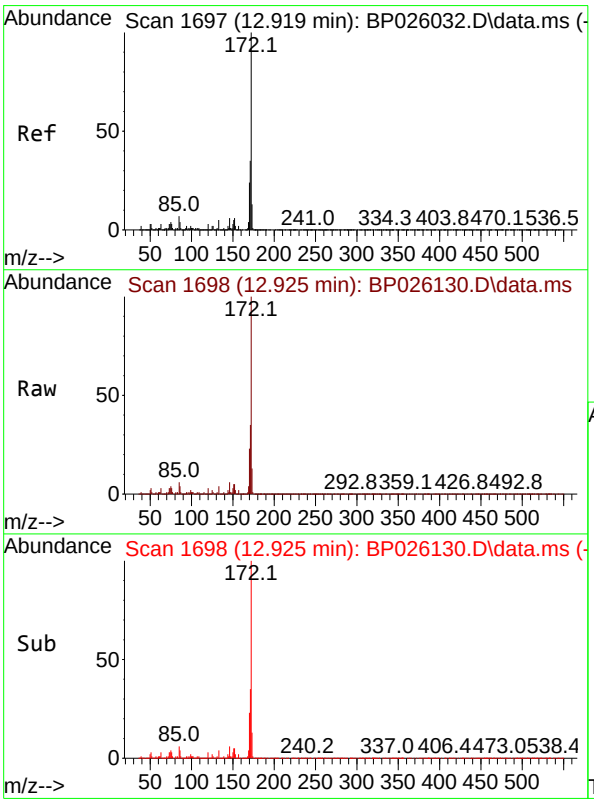
#42
2,4,6-Tribromophenol
Concen: 96.025 ng
RT: 15.836 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:330 Resp: 883161

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.6	28.6	42.8

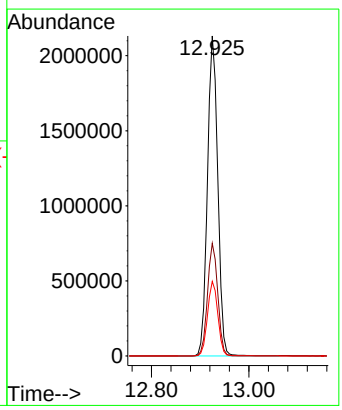


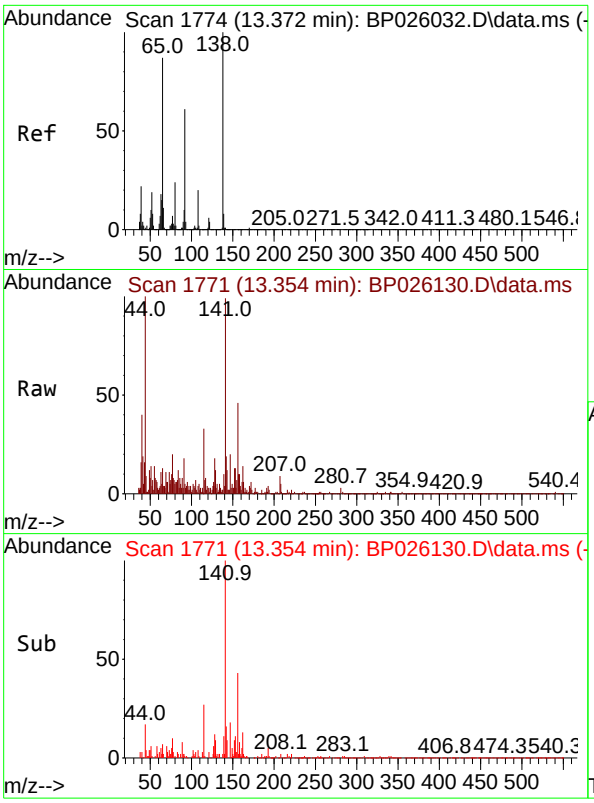


#45
2-Fluorobiphenyl
Concen: 52.653 ng
RT: 12.925 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:172 Resp: 3117300

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.3	19.0	28.4



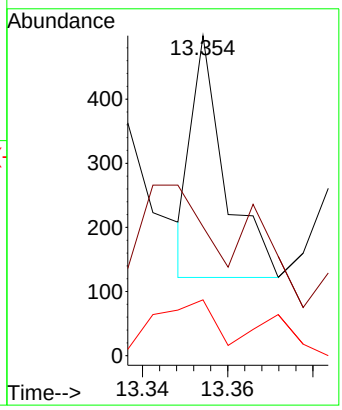


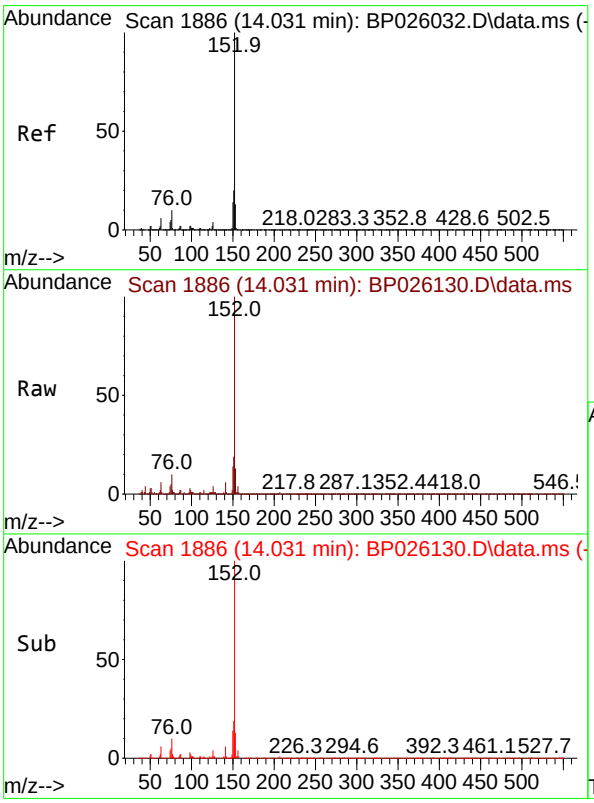
#48
2-Nitroaniline
Concen: 2.924 ng
RT: 13.354 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 65 Resp: 202

Ion	Ratio	Lower	Upper
65	100		
92	40.3	55.5	83.3#
138	17.4	91.7	137.5#

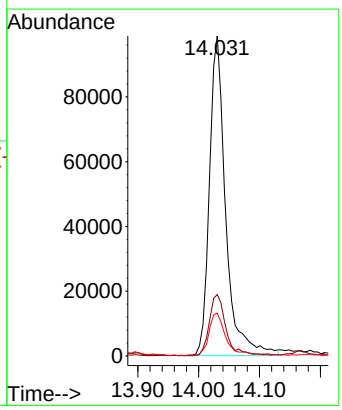


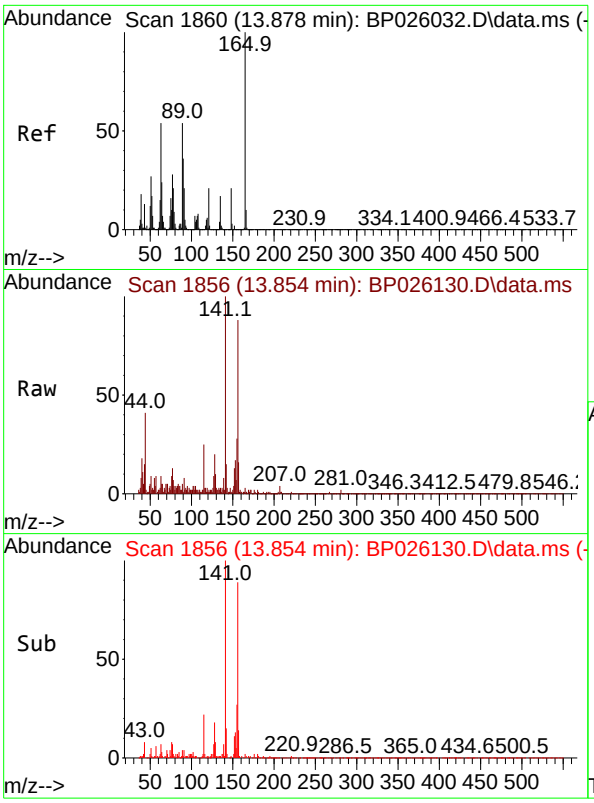


#49
Acenaphthylene
Concen: 2.451 ng
RT: 14.031 min Scan# 1886
Delta R.T. -0.005 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:152 Resp: 183076

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	13.4	10.6	16.0



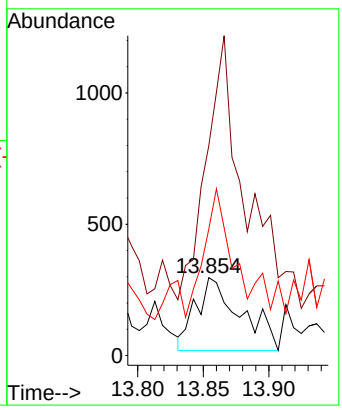


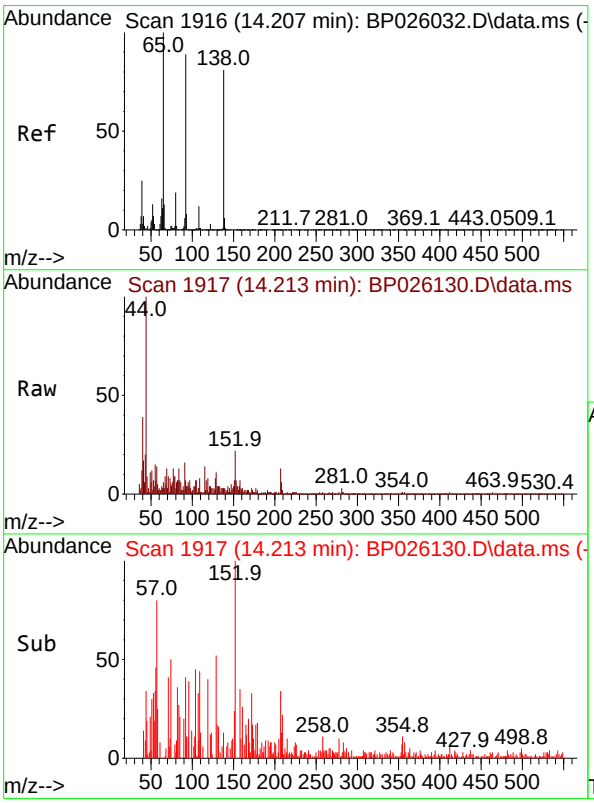
#51
2,6-Dinitrotoluene
Concen: 3.044 ng
RT: 13.854 min Scan# 1
Delta R.T. -0.024 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:165 Resp: 659

Ion	Ratio	Lower	Upper
165	100		
63	249.4	43.0	64.4#
89	150.3	43.0	64.4#

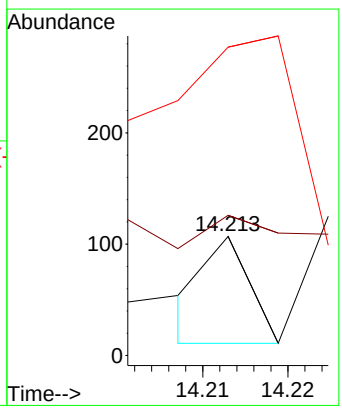


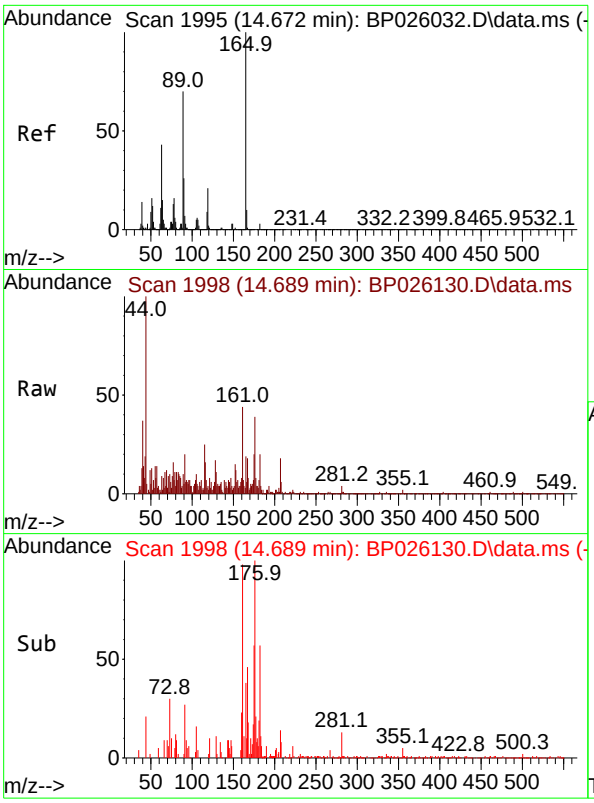


#53
3-Nitroaniline
Concen: 2.640 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:138 Resp: 34

Ion	Ratio	Lower	Upper
138	100		
108	117.8	11.4	17.0#
92	258.9	87.1	130.7#



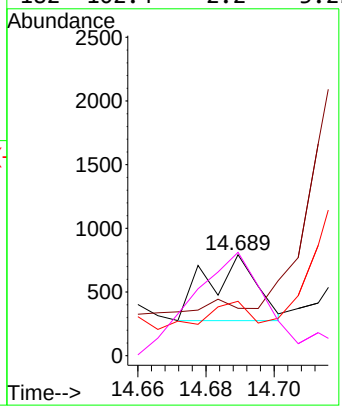


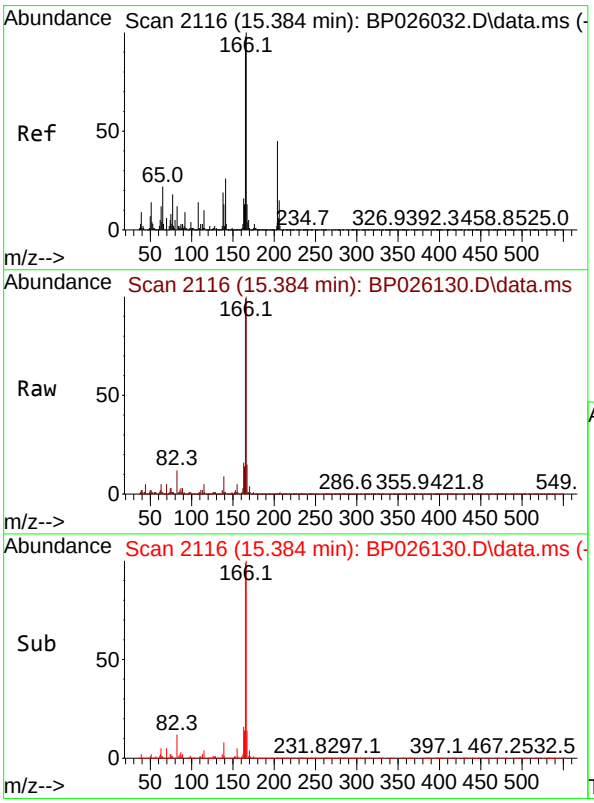
#57
2,4-Dinitrotoluene
Concen: 3.115 ng
RT: 14.689 min Scan# 1
Delta R.T. 0.011 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:165 Resp: 521

Ion	Ratio	Lower	Upper
165	100		
63	46.9	34.2	51.2
89	53.8	56.0	84.0#
182	102.4	2.2	3.2#

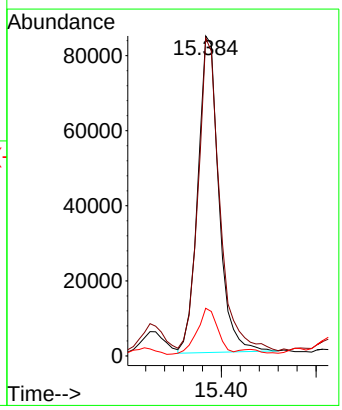


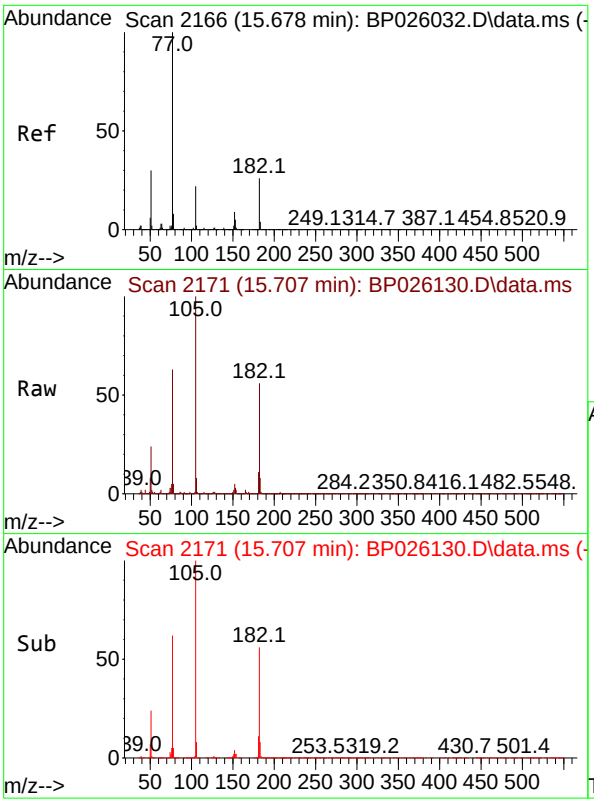


#58
Fluorene
Concen: 2.137 ng
RT: 15.384 min Scan# 2116
Delta R.T. 0.001 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:166 Resp: 129721

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.1	117.1
167	14.9	10.6	16.0



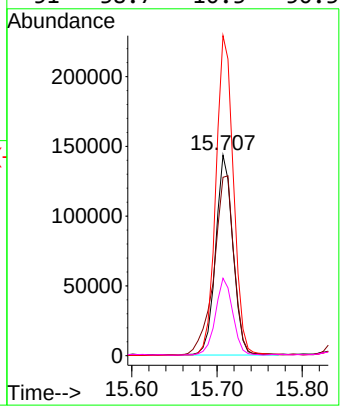


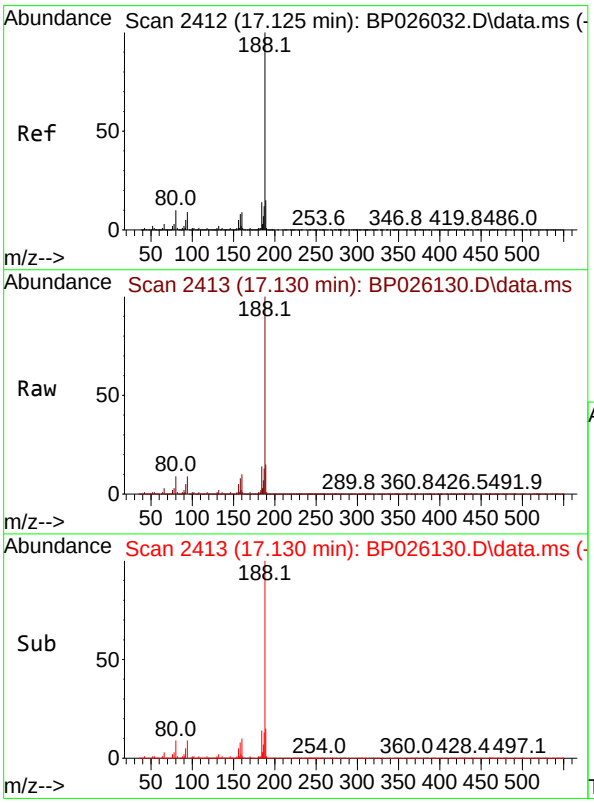
#63
Azobenzene
Concen: 3.594 ng
RT: 15.707 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion: 77 Resp: 202606

Ion	Ratio	Lower	Upper
77	100		
182	89.1	6.4	46.4#
105	159.7	2.2	42.2#
51	38.7	10.3	50.3

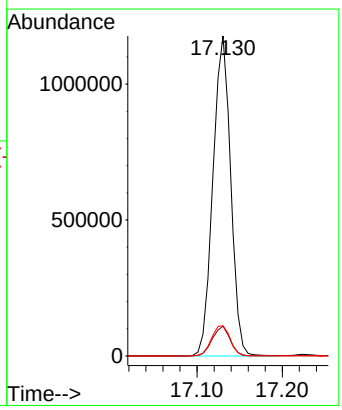


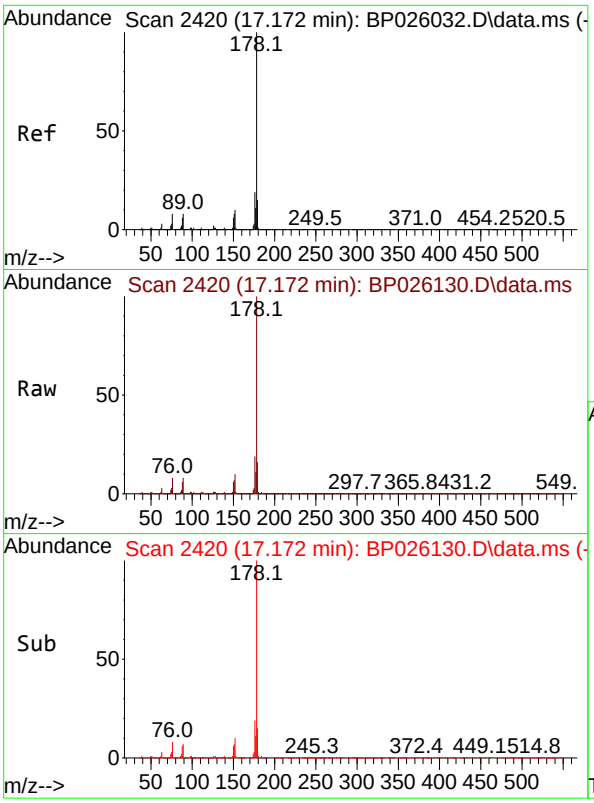


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.130 min Scan# 2413
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:188 Resp: 1701913

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.1	10.7
80	9.5	7.9	11.9



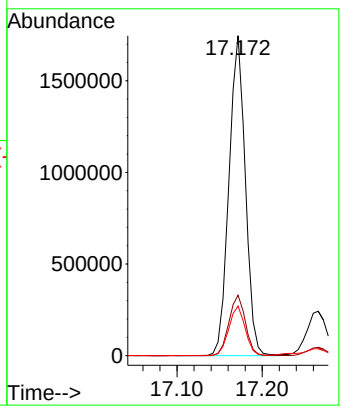


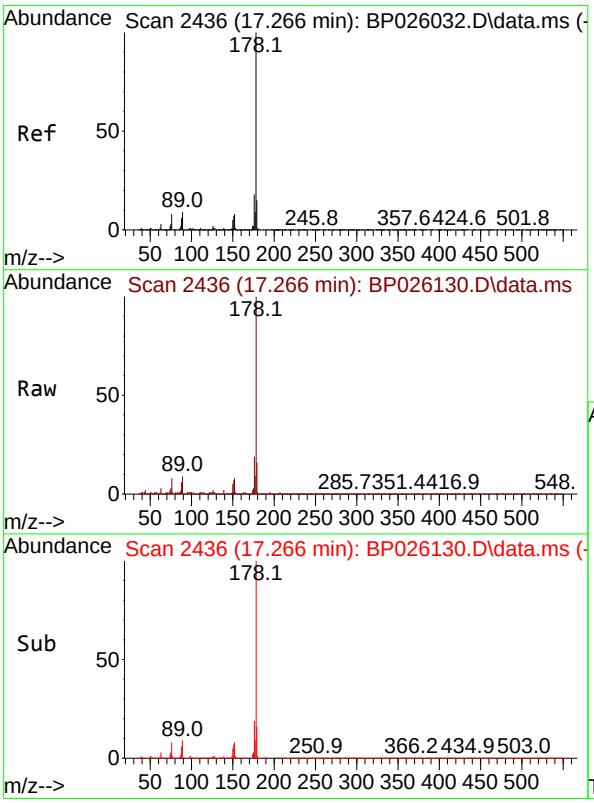
#71
Phenanthrene
Concen: 23.509 ng
RT: 17.172 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:178 Resp: 2328843

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.5	12.3	18.5

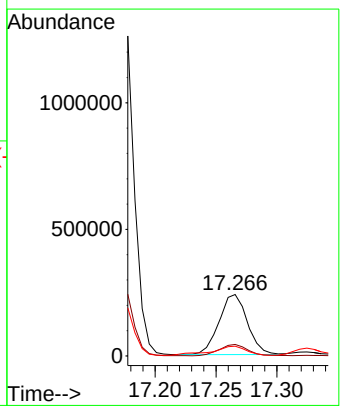


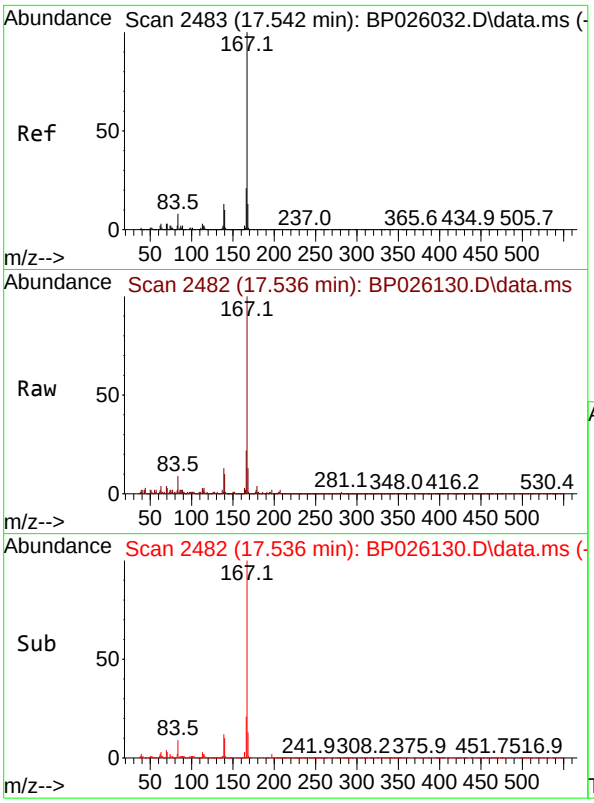


#72
Anthracene
Concen: 3.930 ng
RT: 17.266 min Scan# 2436
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:178 Resp: 385892

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.9	12.2	18.4



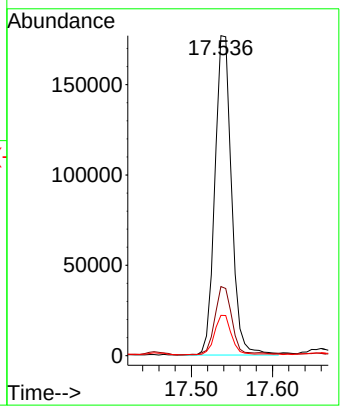


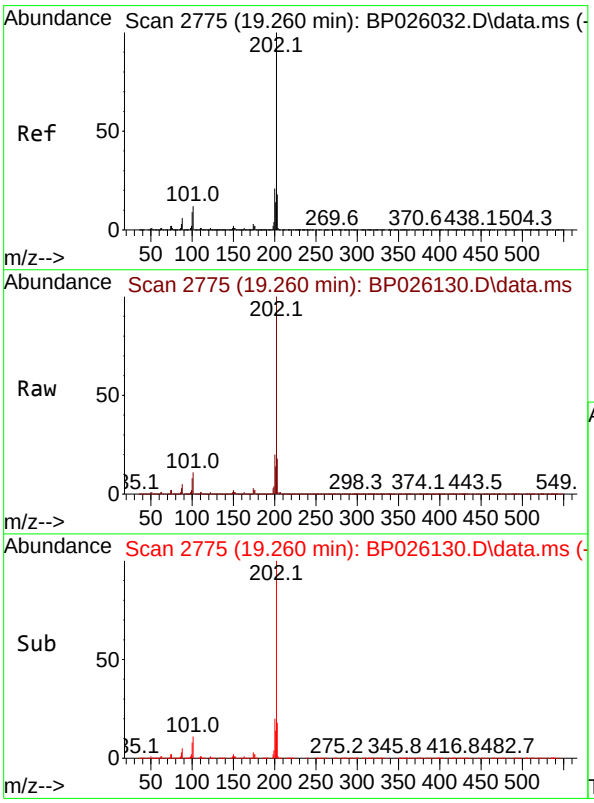
#73
Carbazole
Concen: 2.713 ng
RT: 17.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:167 Resp: 252130

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.6	10.2	15.2

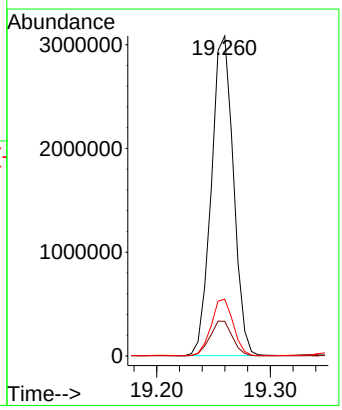


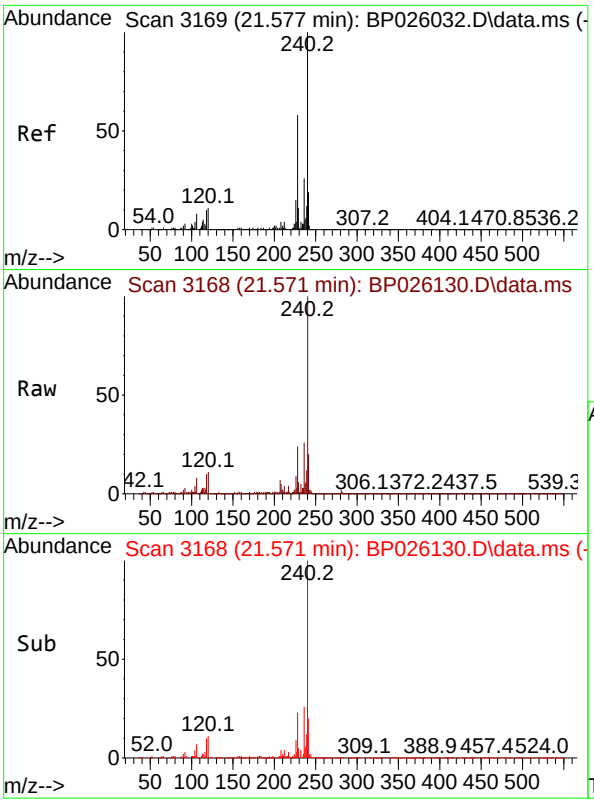


#75
Fluoranthene
Concen: 36.042 ng
RT: 19.260 min Scan# 2775
Delta R.T. -0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:202 Resp: 4164866

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	32.1
203	17.7	0.0	37.6



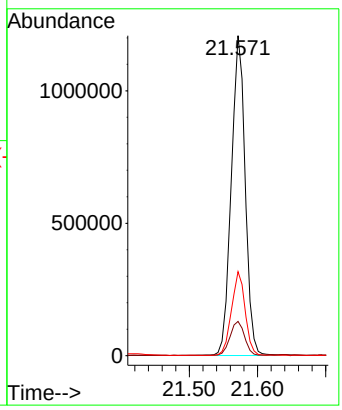


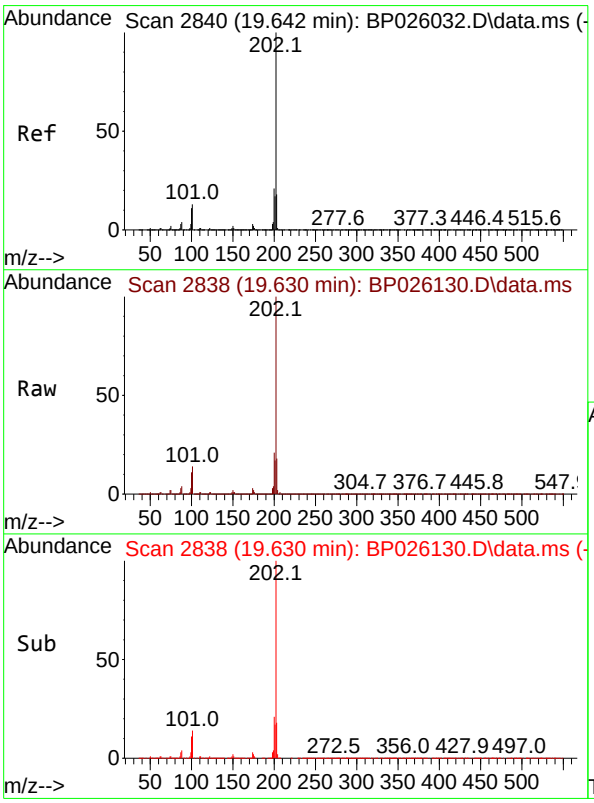
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:240 Resp: 1715968

Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.3	20.6	31.0

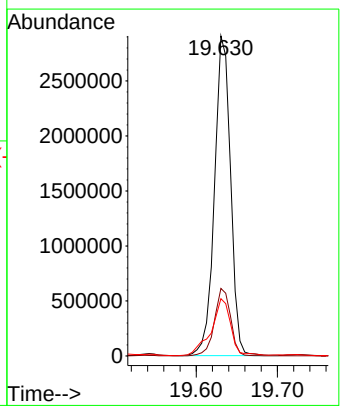


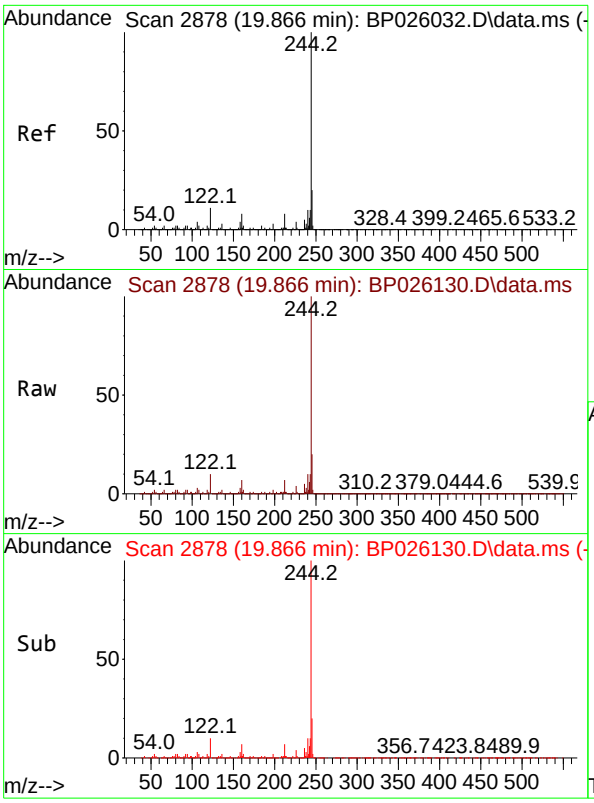


#78
Pyrene
Concen: 34.577 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:202 Resp: 4012998

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.9	14.0	21.0



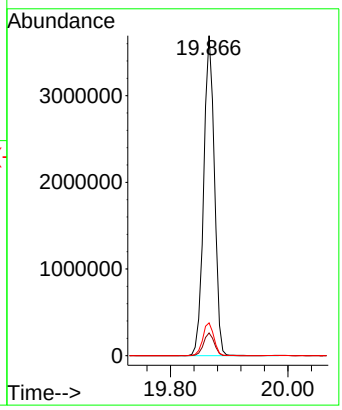


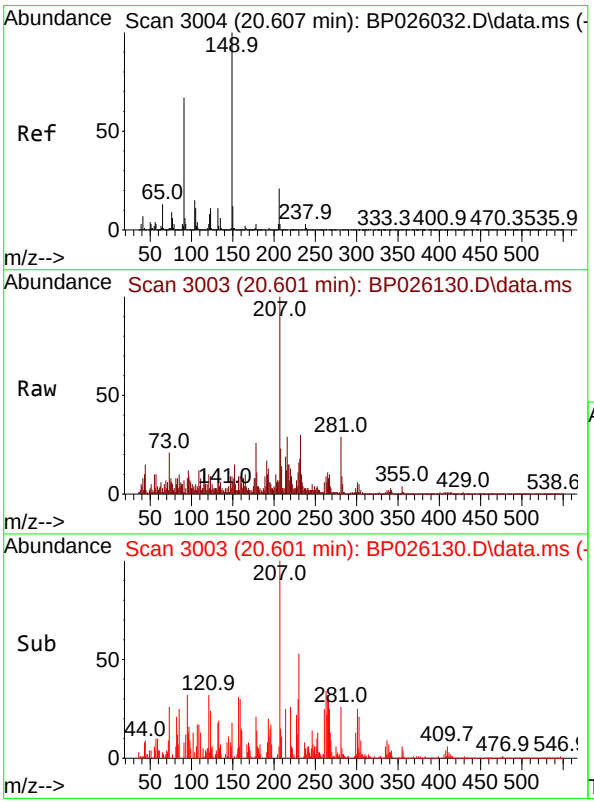
#79
Terphenyl-d14
Concen: 55.446 ng
RT: 19.866 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:244 Resp: 4682984

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.3	9.0	13.6

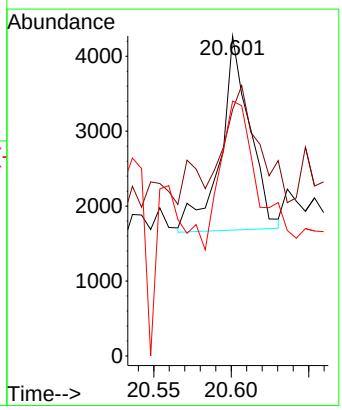


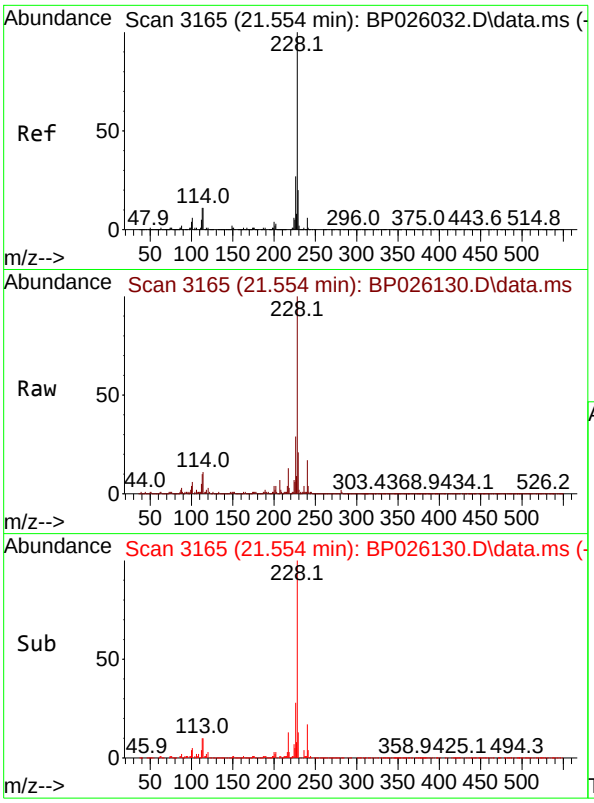


#80
Butylbenzylphthalate
Concen: 3.469 ng
RT: 20.601 min Scan# 3003
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:149 Resp: 3375

Ion	Ratio	Lower	Upper
149	100		
91	76.9	53.5	80.3
206	79.7	16.6	25.0#



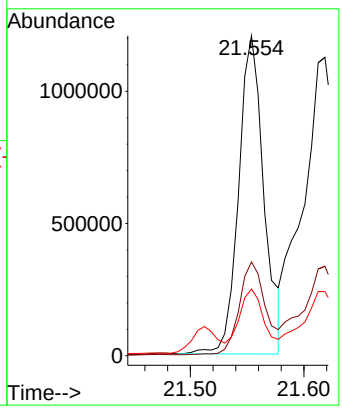


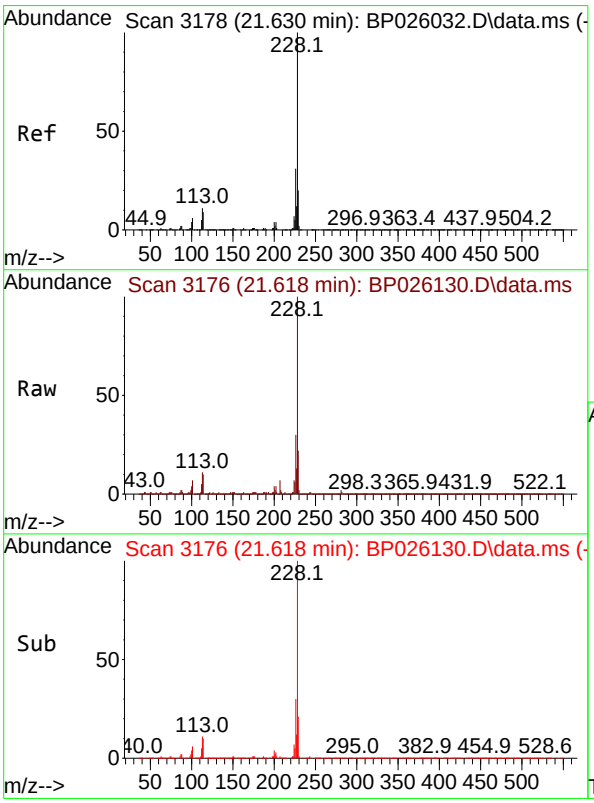
#81
Benzo(a)anthracene
Concen: 15.779 ng
RT: 21.554 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:228 Resp: 1860583

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.7	32.5
229	20.9	15.8	23.8

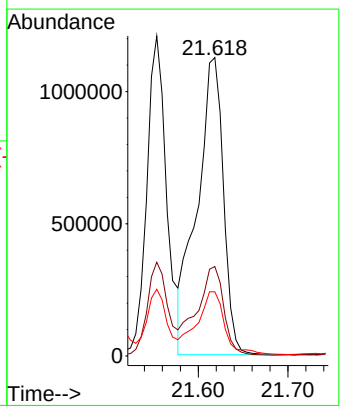


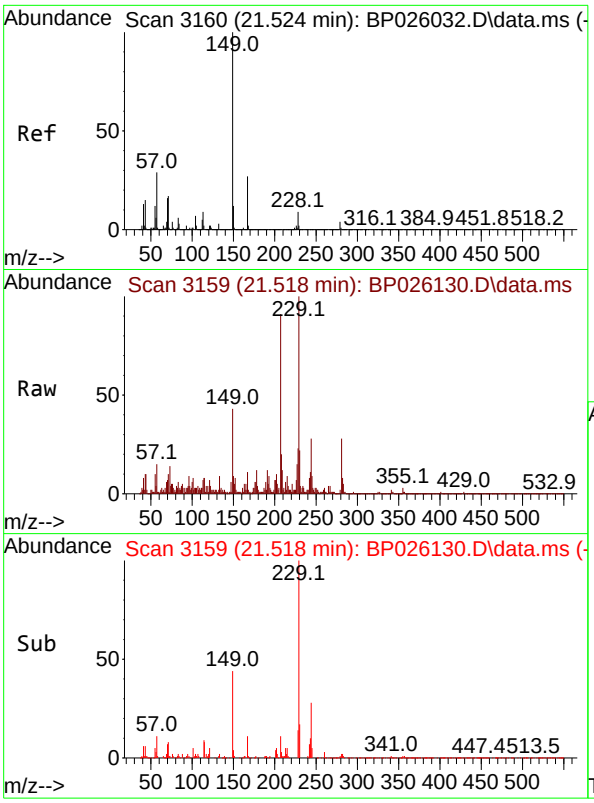


#83
Chrysene
Concen: 20.594 ng
RT: 21.618 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:228 Resp: 2300372

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.5	16.0	24.0



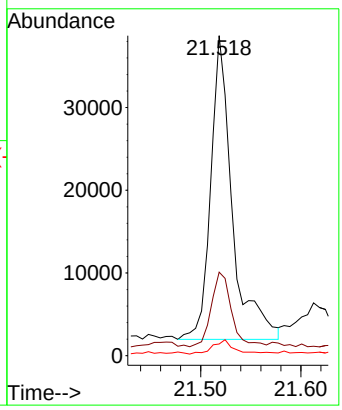


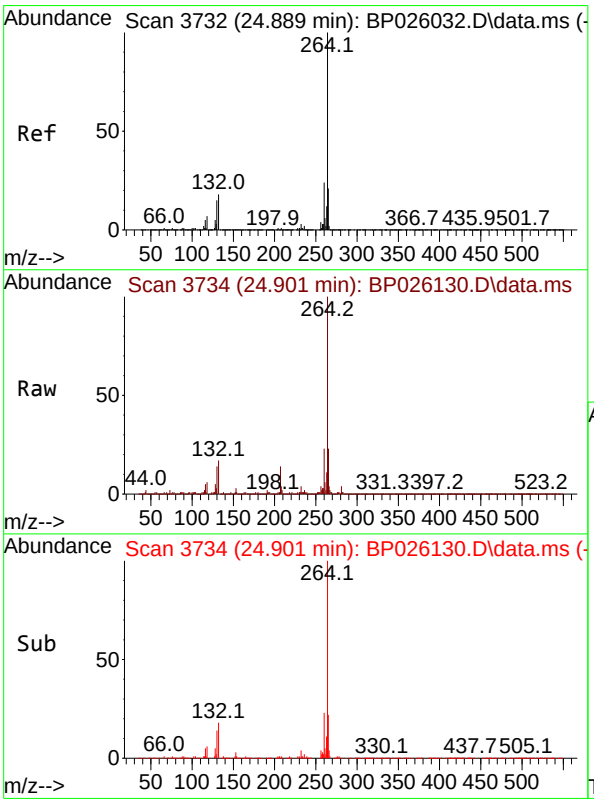
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.349 ng
RT: 21.518 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:149 Resp: 55001

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.5	32.3
279	3.6	3.0	4.6

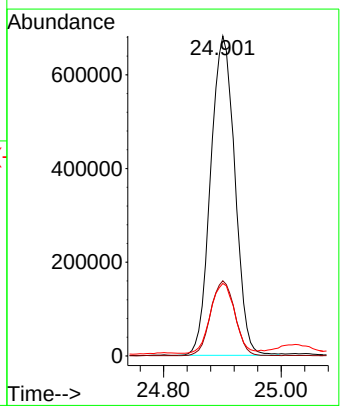


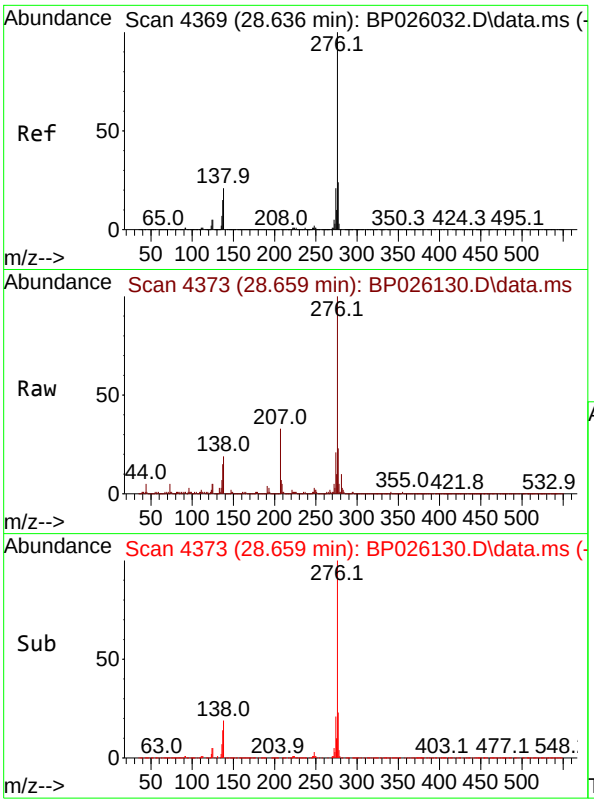


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:264 Resp: 1947610

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	22.6	17.2	25.8



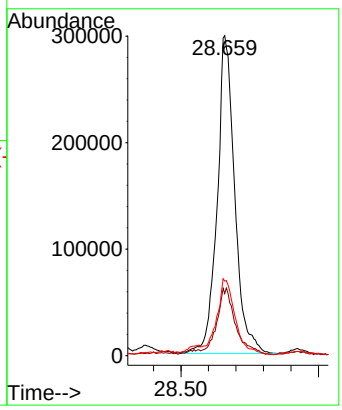


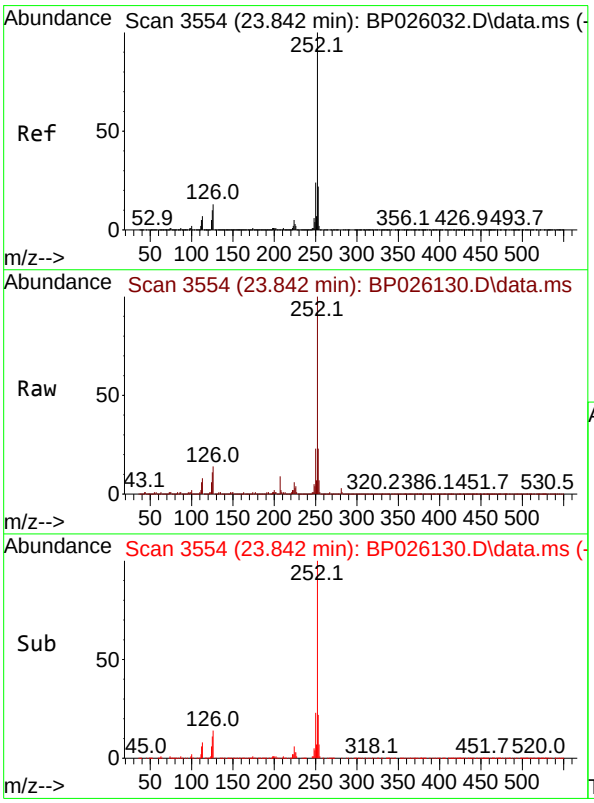
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.242 ng
RT: 28.659 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:276 Resp: 1328842

Ion	Ratio	Lower	Upper
276	100		
138	22.1	13.2	19.8#
277	24.6	16.3	24.5#

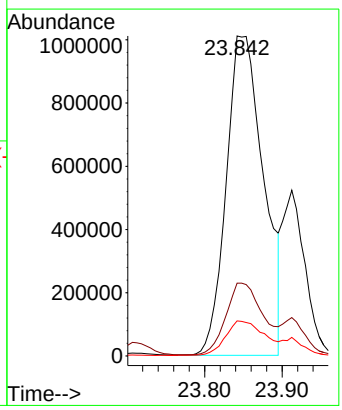


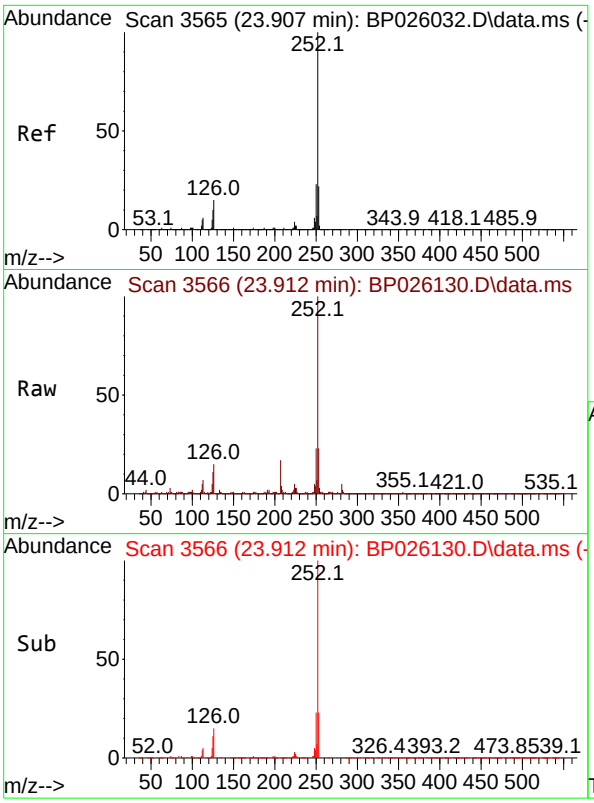


#88
Benzo(b)fluoranthene
Concen: 28.065 ng
RT: 23.842 min Scan# 3554
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:252 Resp: 3393266

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.9	8.1	12.1



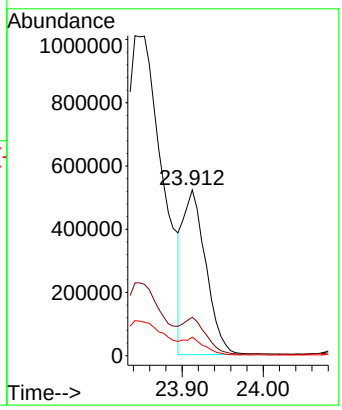


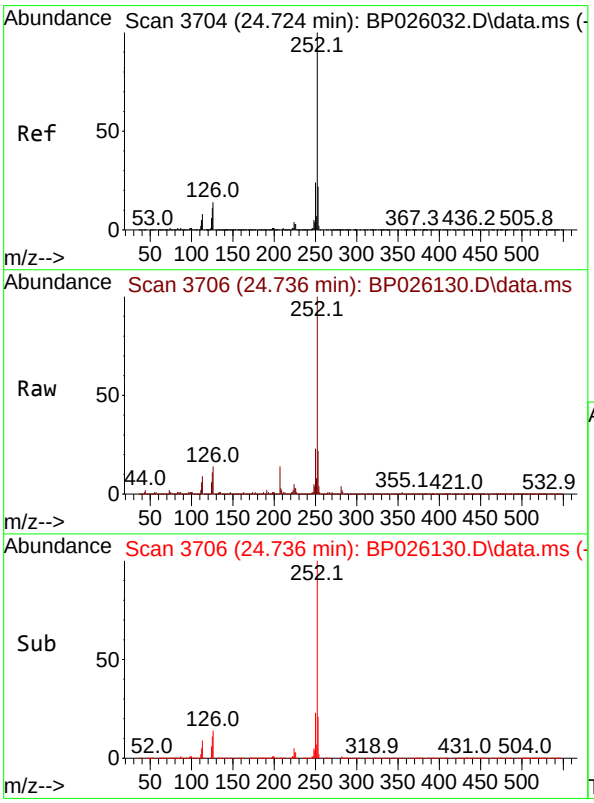
#89
Benzo(k)fluoranthene
Concen: 8.344 ng
RT: 23.912 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:252 Resp: 1030251

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	11.2	8.1	12.1

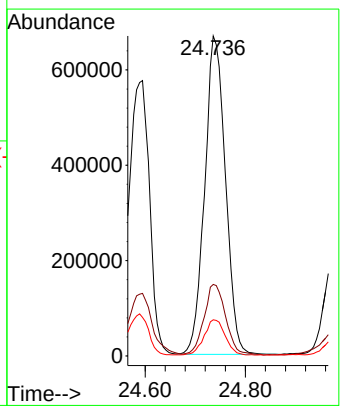


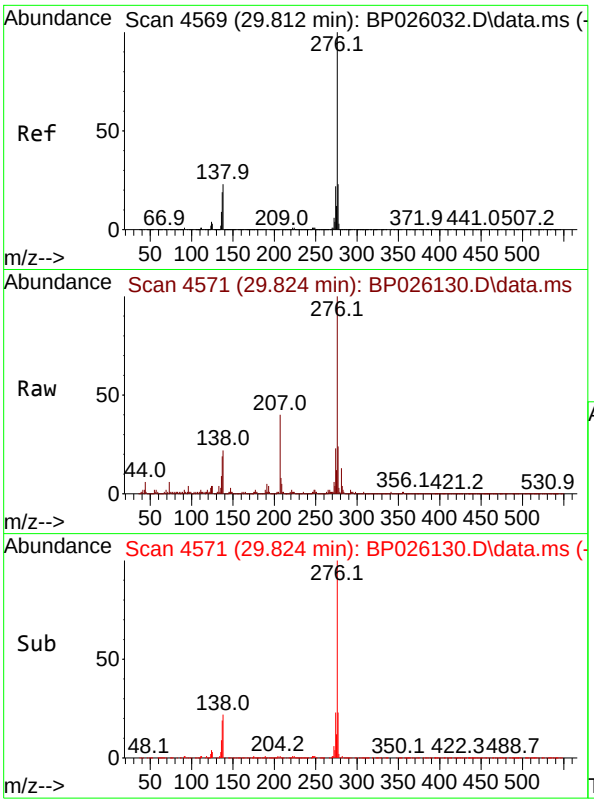


#90
Benzo(a)pyrene
Concen: 17.271 ng
RT: 24.736 min Scan# 3706
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Tgt Ion:252 Resp: 1918413

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.3	9.1	13.7





#92
Benzo(g,h,i)perylene
Concen: 11.131 ng
RT: 29.824 min Scan# 4
Delta R.T. -0.006 min
Lab File: BP026130.D
Acq: 13 Nov 2025 16:19

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Tgt Ion:276 Resp: 1253381

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	22.2	18.1	27.1