Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025338.D
Acq On : 08 Aug 2025 18:42
Operator : CG/JU
Sample : Q2800-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Quant Time: Aug 11 01:49:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	492187	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	2050573	20.000	ng		0.00
39) Acenaphthene-d10	14.431	164	1207803	20.000	ng		0.01
64) Phenanthrene-d10	17.225	188	1945051	20.000	ng		0.00
76) Chrysene-d12	21.671	240	1427654	20.000	ng		0.01
86) Perylene-d12	25.065	264	1745398	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	750087	24.511	ng		0.00
7) Phenol-d6	6.966	99	981645	24.374	ng		0.00
23) Nitrobenzene-d5	8.937	82	630713	17.040	ng		0.00
42) 2,4,6-Tribromophenol	15.931	330	304607	25.280	ng		0.00
45) 2-Fluorobiphenyl	13.037	172	1539775	17.608	ng		0.00
79) Terphenyl-d14	19.942	244	1367225	18.088	ng		0.00
Target Compounds							Qvalue
49) Acenaphthylene	14.142	152	251178	2.217	ng		98
71) Phenanthrene	17.266	178	1364965	12.813	ng		100
72) Anthracene	17.360	178	323329	3.010	ng		99
75) Fluoranthene	19.348	202	3062828	24.835	ng		99
78) Pyrene	19.719	202	2820858	29.713	ng		100
81) Benzo(a)anthracene	21.654	228	1462659	15.417	ng		95
83) Chrysene	21.713	228	1530725	17.396	ng		98
87) Indeno(1,2,3-cd)pyrene	28.906	276	1261292	10.082	ng	#	90
88) Benzo(b)fluoranthene	23.983	252	2298276	21.997	ng		98
89) Benzo(k)fluoranthene	24.054	252	768205	7.417	ng		99
90) Benzo(a)pyrene	24.901	252	1670866	16.606	ng		98
91) Dibenzo(a,h)anthracene	28.983	278	300115	2.929	ng		94
92) Benzo(g,h,i)perylene	30.083	276	1223349	12.166	ng		98

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

Quantitation Report (LSC Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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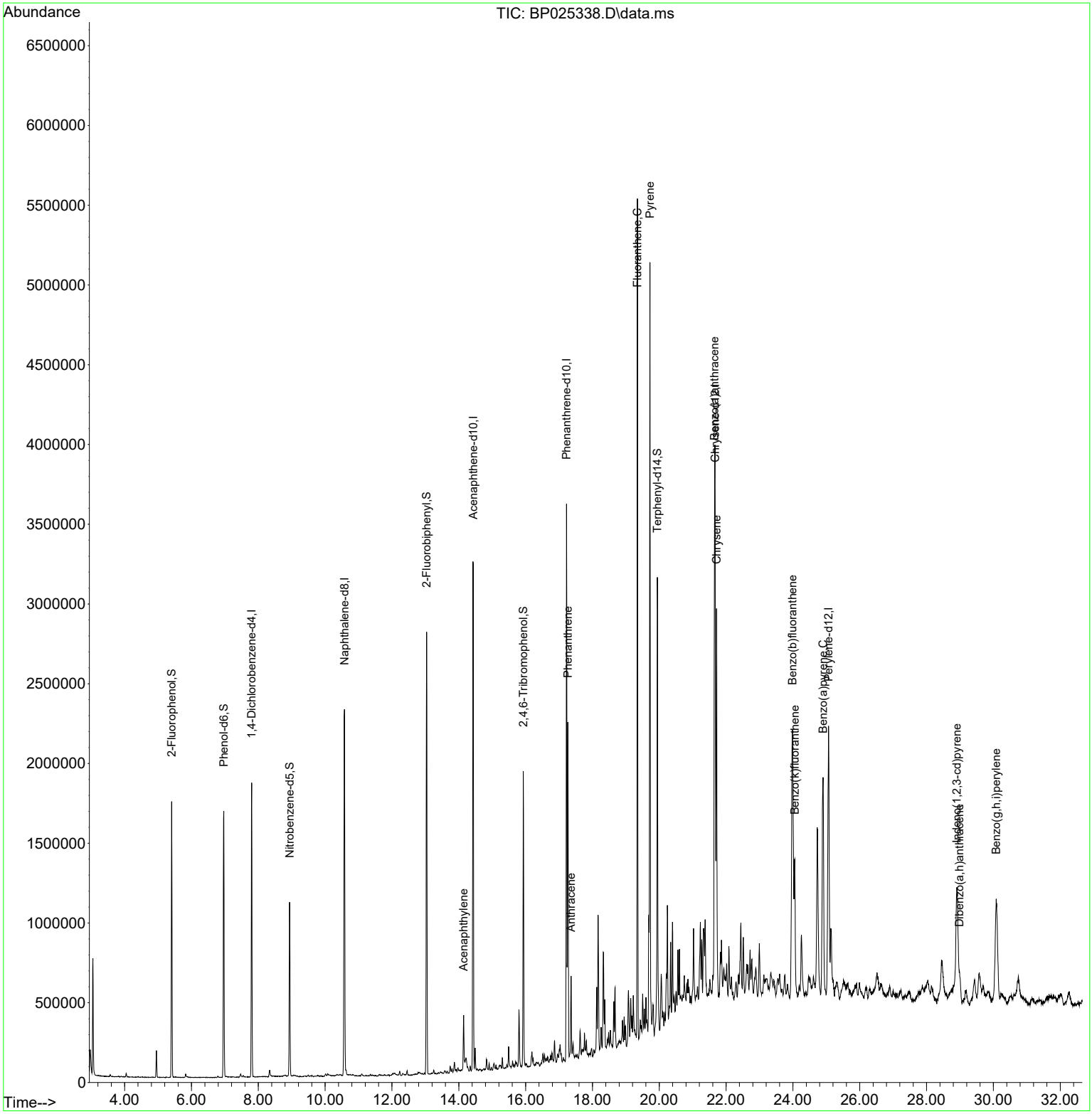
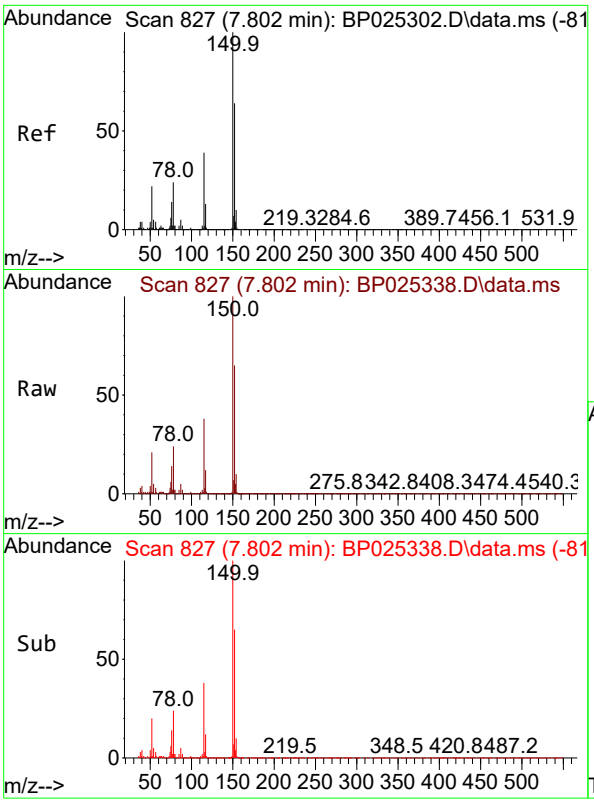


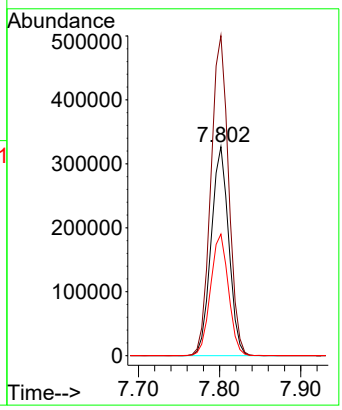


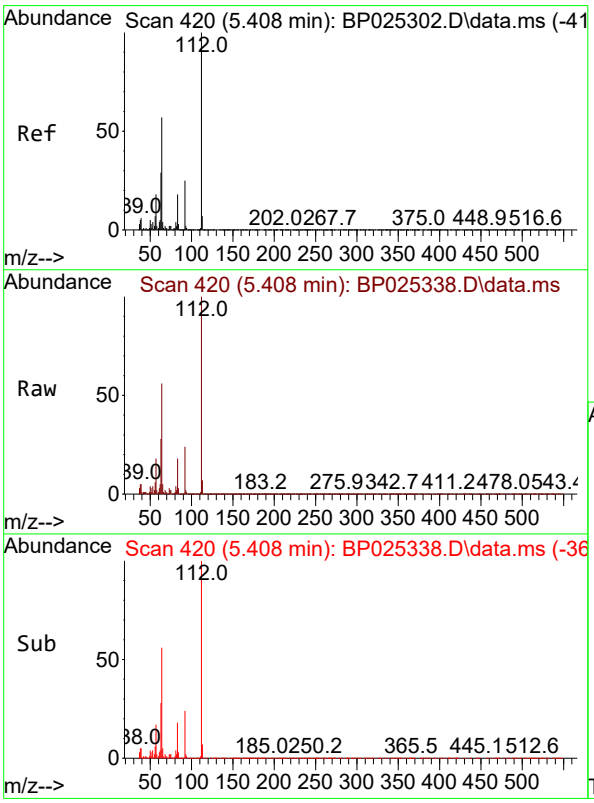
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 8
Delta R.T. -0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:152 Resp: 492187

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.1	187.7
115	58.2	48.4	72.6

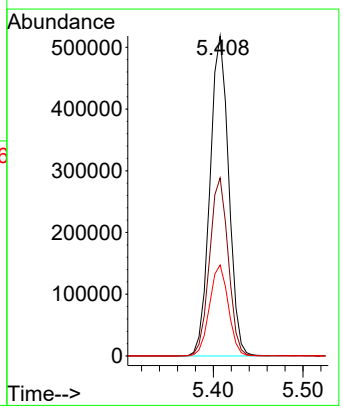


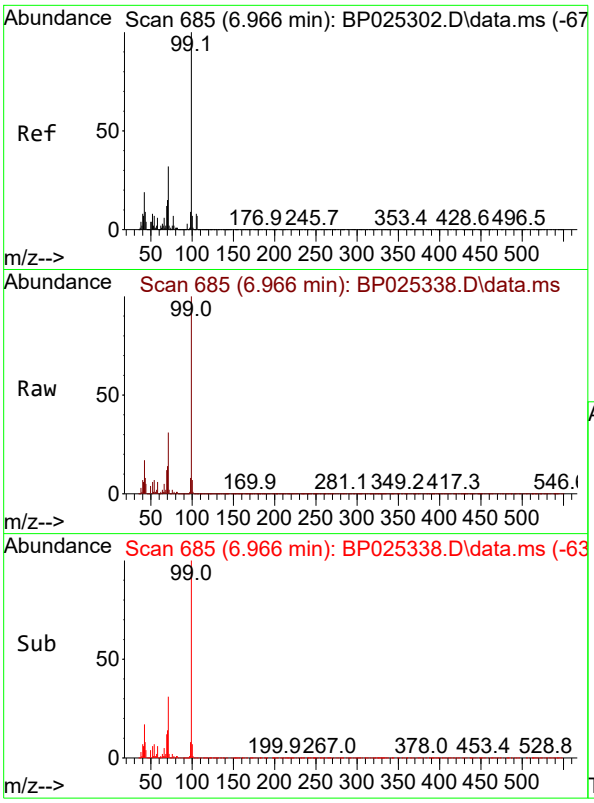


#5
2-Fluorophenol
Concen: 24.511 ng
RT: 5.408 min Scan# 420
Delta R.T. -0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:112 Resp: 750087

Ion	Ratio	Lower	Upper
112	100		
64	55.7	45.3	67.9
63	28.5	23.0	34.6



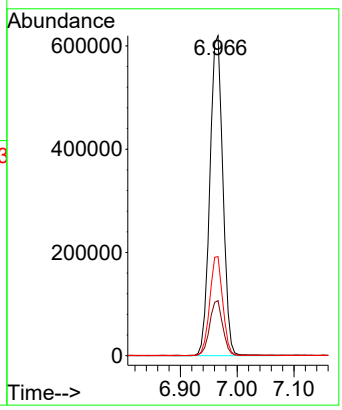


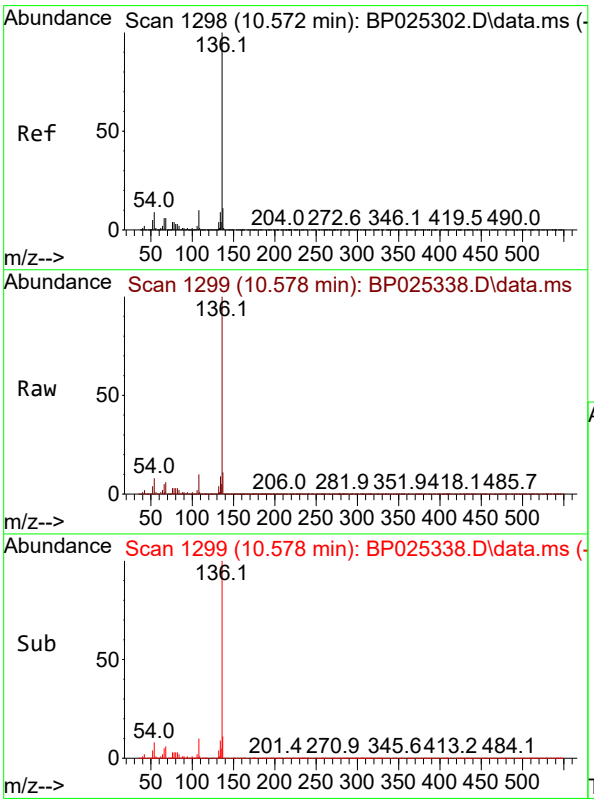
#7
Phenol-d6
Concen: 24.374 ng
RT: 6.966 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion: 99 Resp: 981645

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.6
71	30.9	25.5	38.3

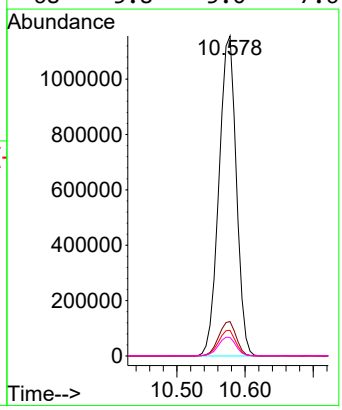


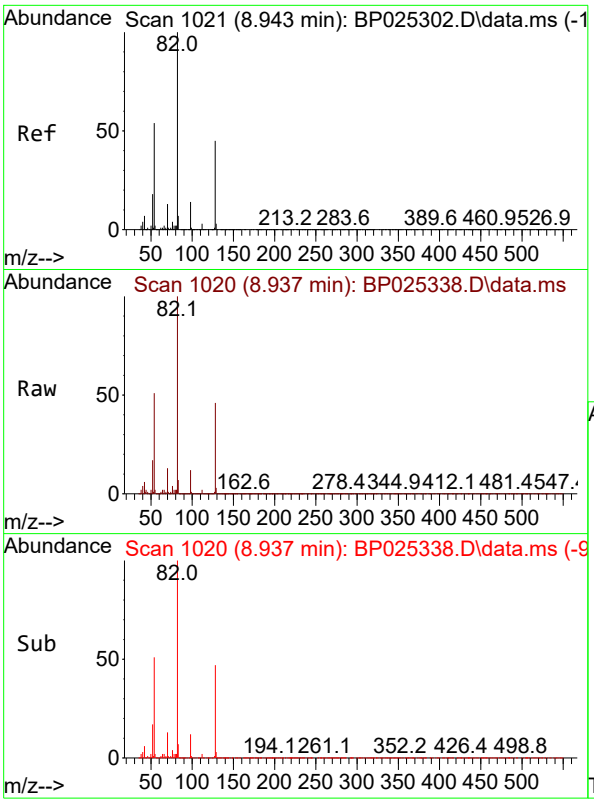


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.578 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:136 Resp: 2050573

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	7.0	10.6
68	5.8	5.0	7.6



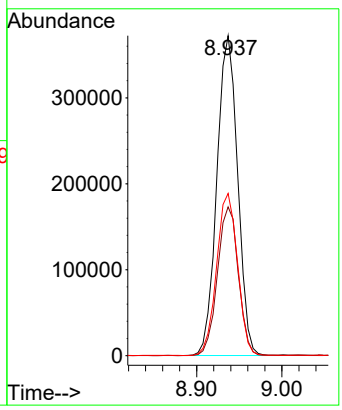


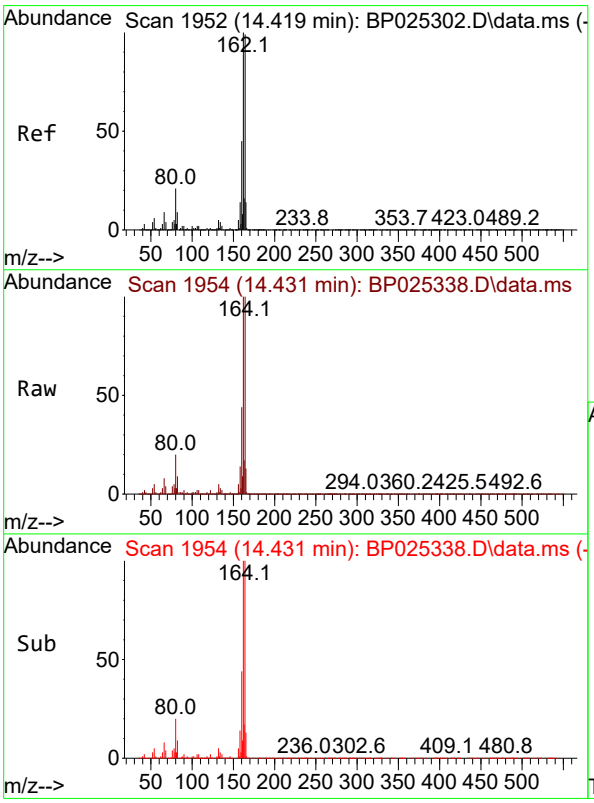
#23
Nitrobenzene-d5
Concen: 17.040 ng
RT: 8.937 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion: 82 Resp: 630713

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.4	53.2
54	50.7	42.9	64.3

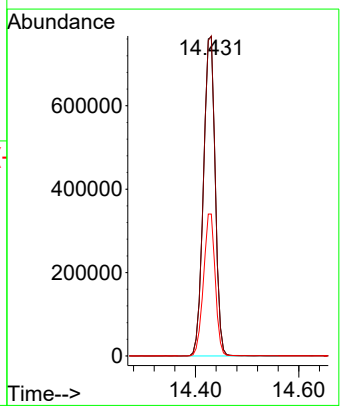


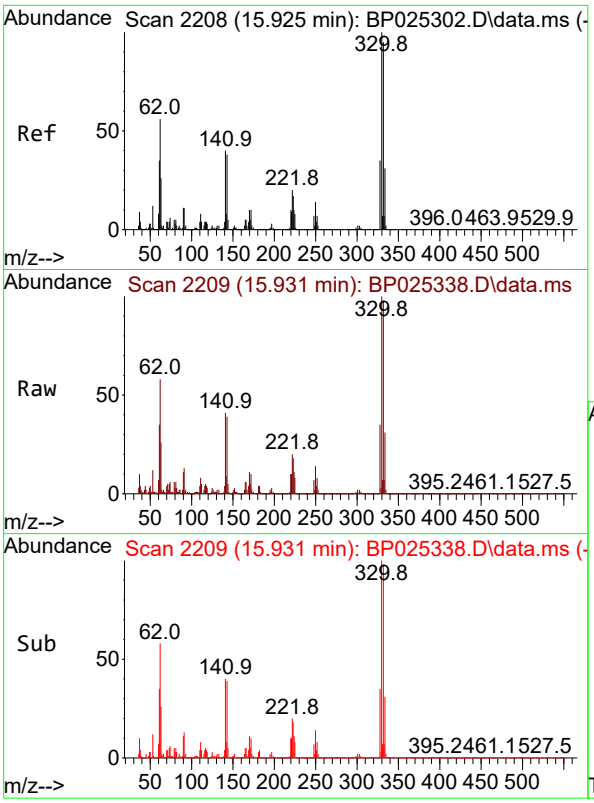


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.431 min Scan# 1954
Delta R.T. 0.012 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:164 Resp: 1207803

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.5	35.9	53.9



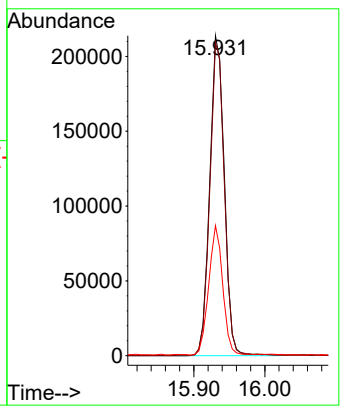


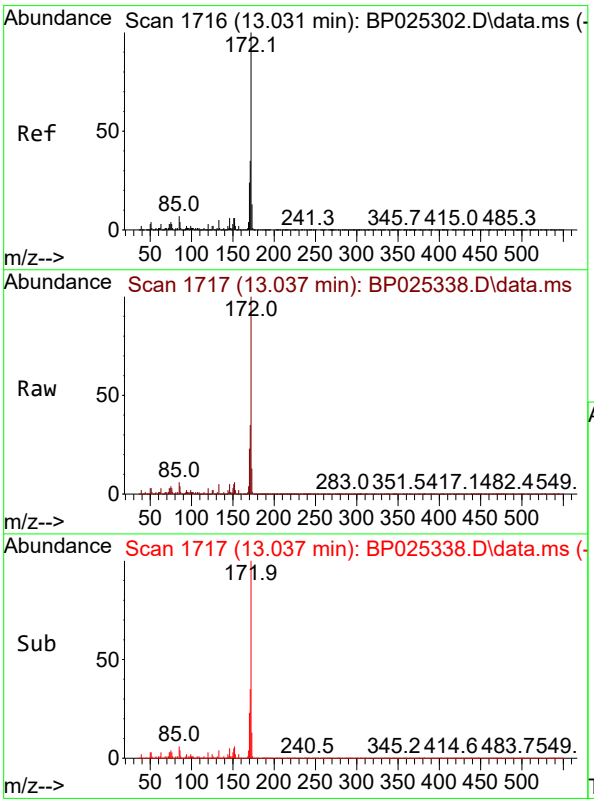
#42
2,4,6-Tribromophenol
Concen: 25.280 ng
RT: 15.931 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:330 Resp: 304607

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.0
141	39.1	31.7	47.5

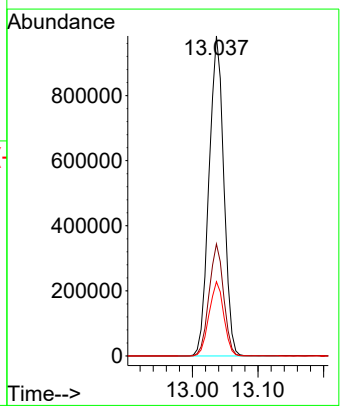


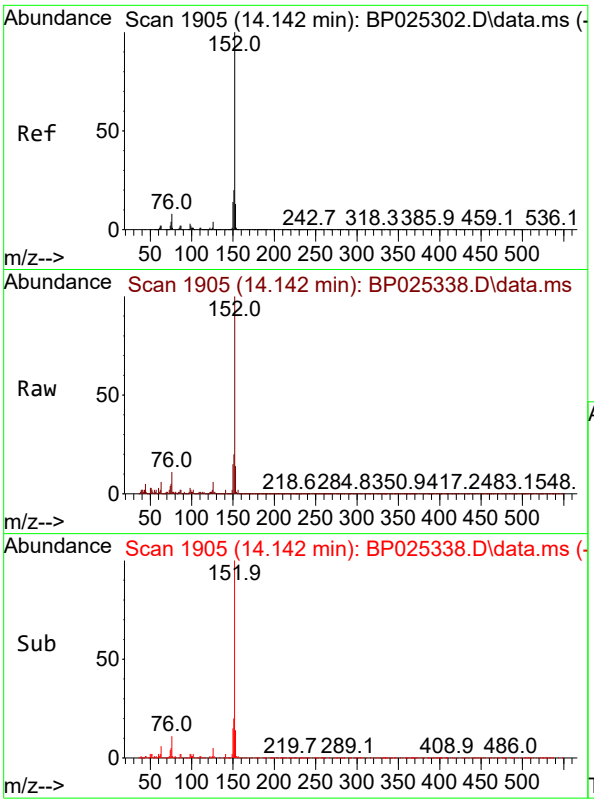


#45
2-Fluorobiphenyl
Concen: 17.608 ng
RT: 13.037 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:172 Resp: 1539775

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.2	18.9	28.3



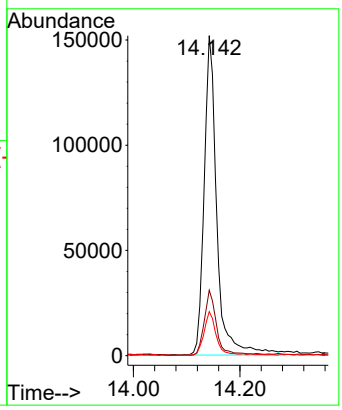


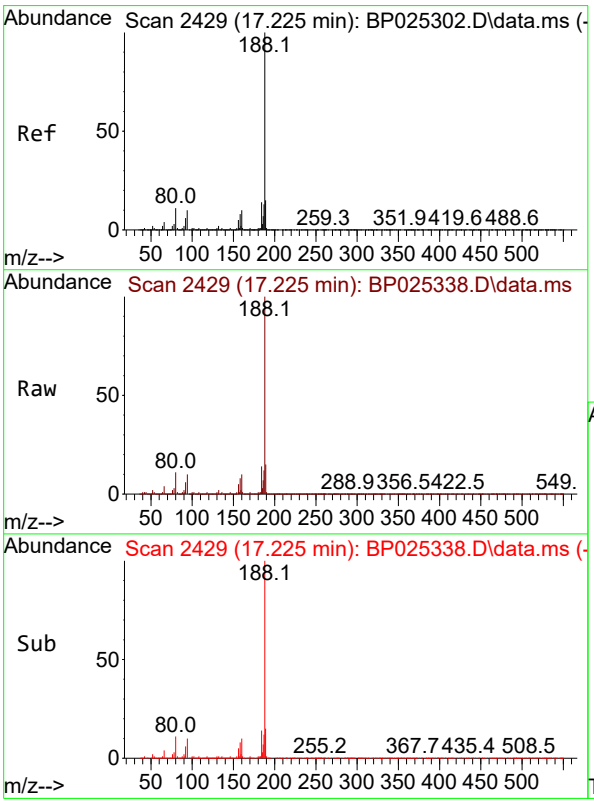
#49
Acenaphthylene
Concen: 2.217 ng
RT: 14.142 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:152 Resp: 251178

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.7	10.4	15.6

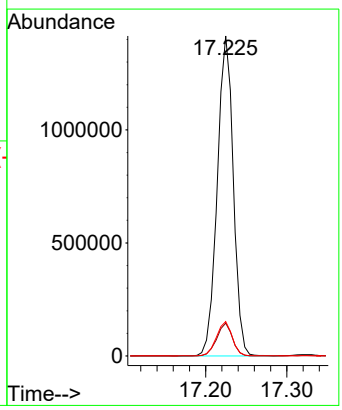


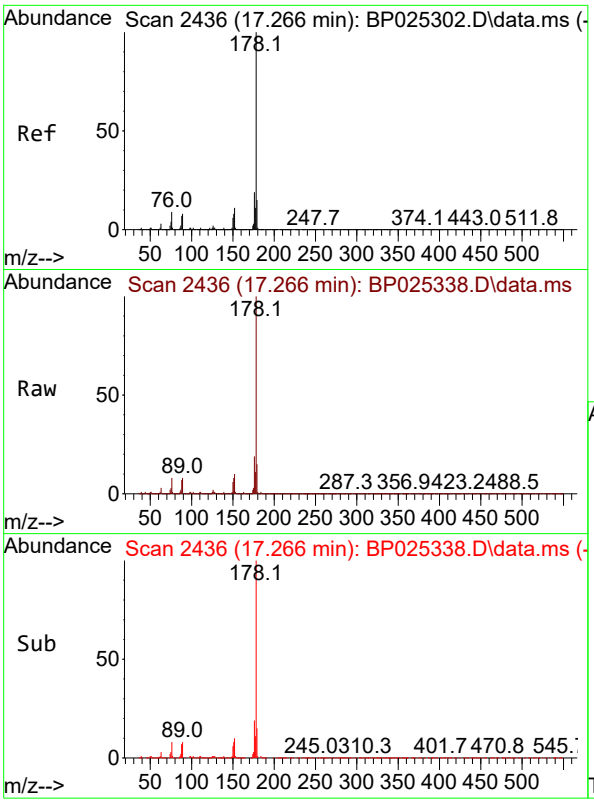


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:188 Resp: 1945051

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.0	12.0
80	10.8	8.5	12.7



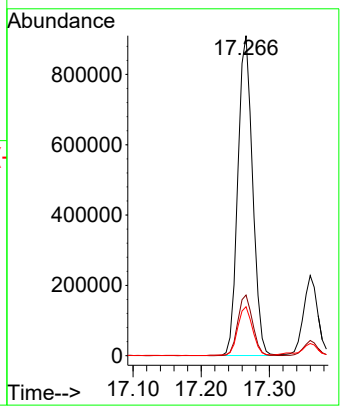


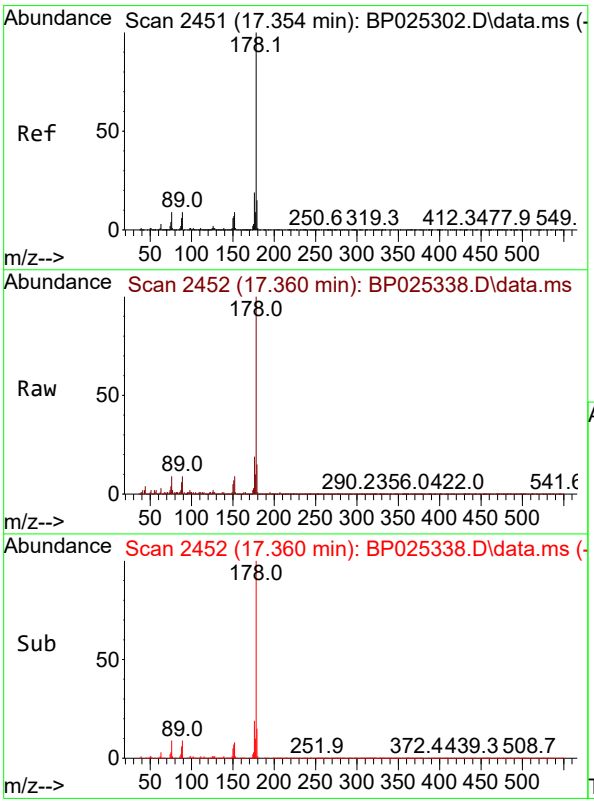
#71
Phenanthrene
Concen: 12.813 ng
RT: 17.266 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:178 Resp: 1364965

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.3	12.1	18.1

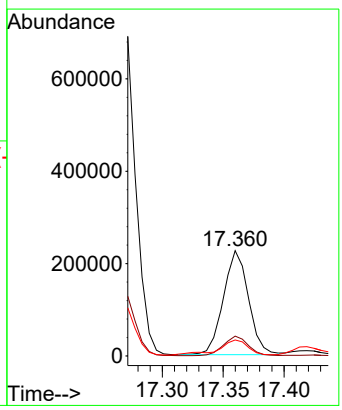


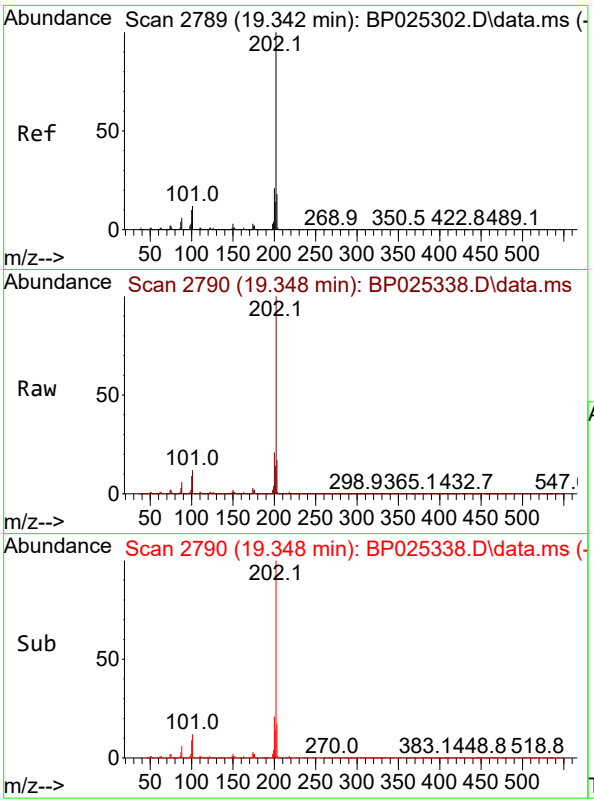


#72
Anthracene
Concen: 3.010 ng
RT: 17.360 min Scan# 2452
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:178 Resp: 323329

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.8	22.2
179	15.2	12.3	18.5



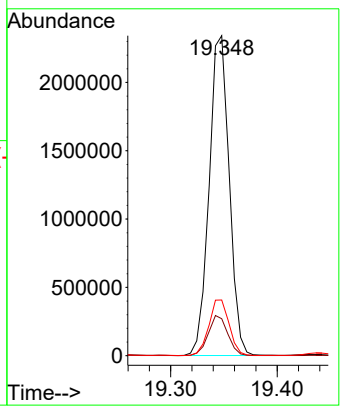


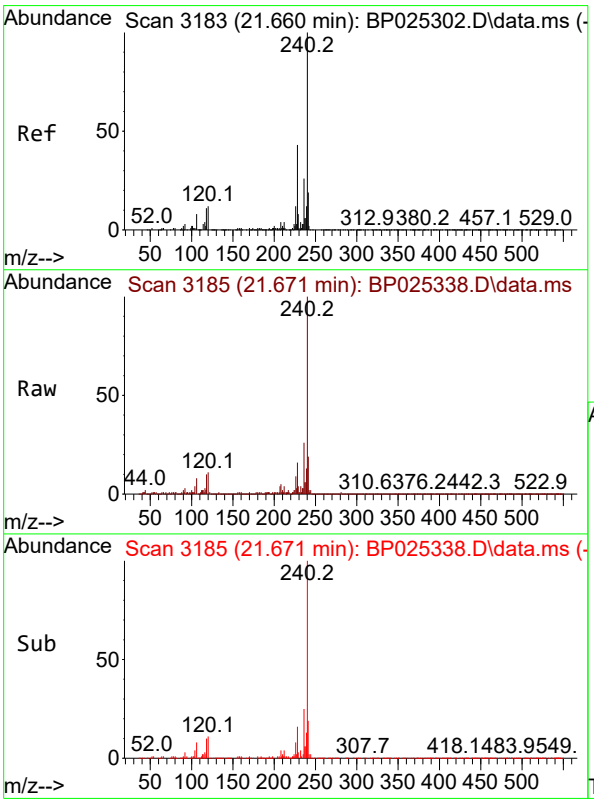
#75
Fluoranthene
Concen: 24.835 ng
RT: 19.348 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:202 Resp: 3062828

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	32.5
203	17.4	0.0	37.6

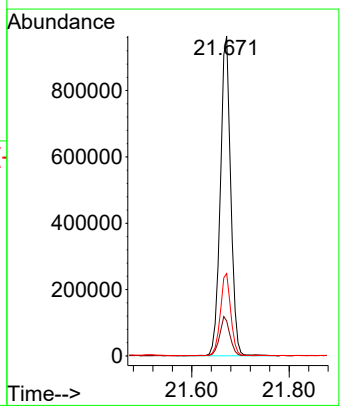


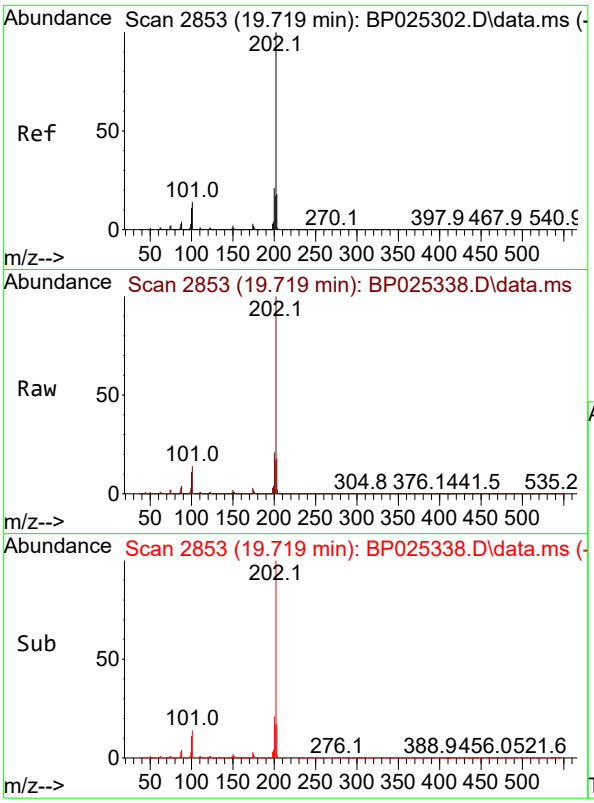


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.671 min Scan# 3185
Delta R.T. 0.011 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:240 Resp: 1427654

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.6	14.4
236	25.7	20.4	30.6



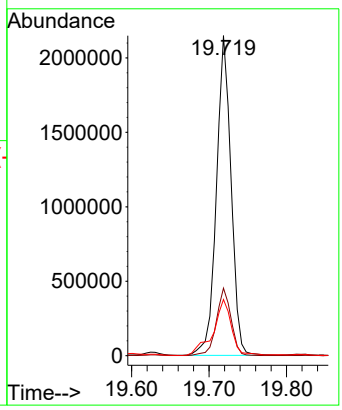


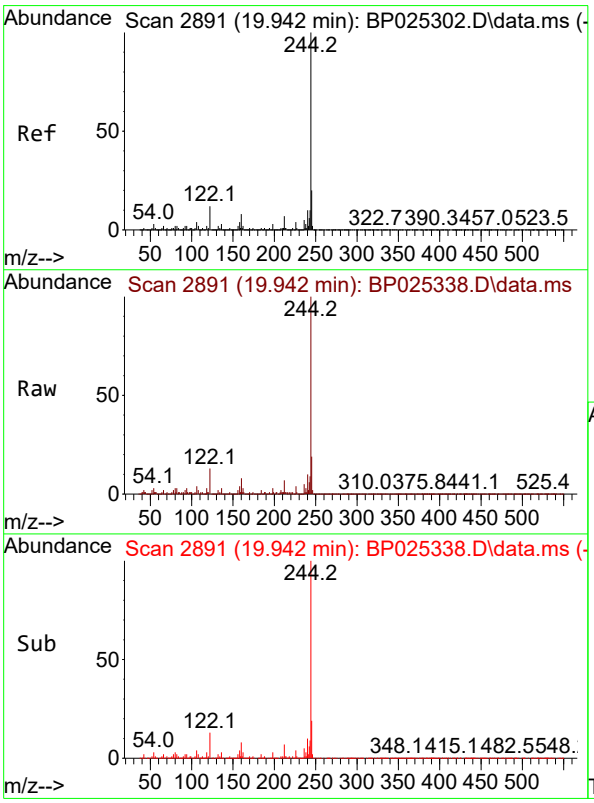
#78
Pyrene
Concen: 29.713 ng
RT: 19.719 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:202 Resp: 2820858

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.6	14.1	21.1

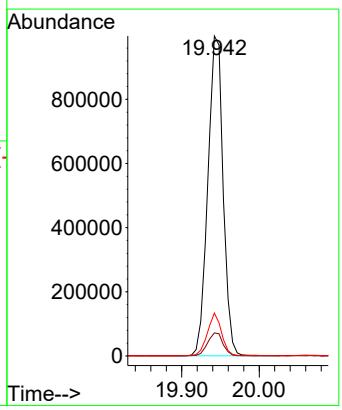


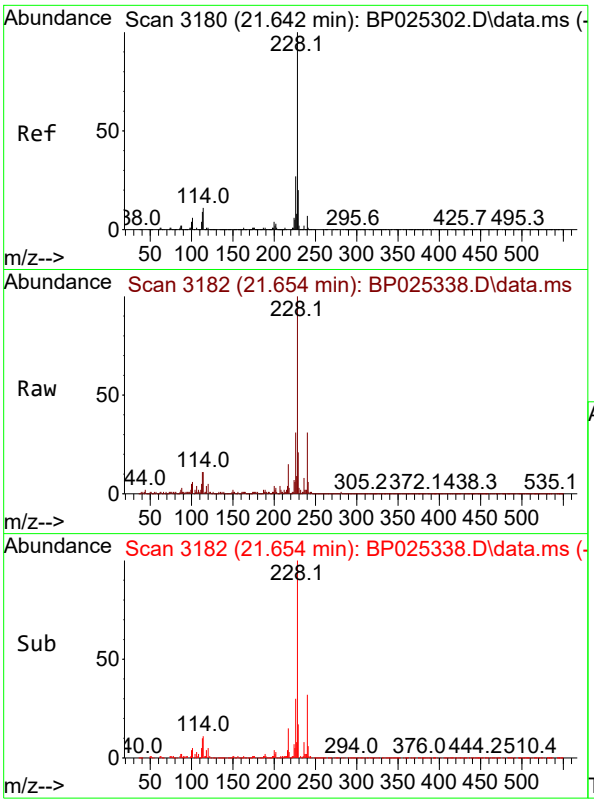


#79
Terphenyl-d14
Concen: 18.088 ng
RT: 19.942 min Scan# 2891
Delta R.T. 0.000 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:244 Resp: 1367225

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	13.4	9.5	14.3



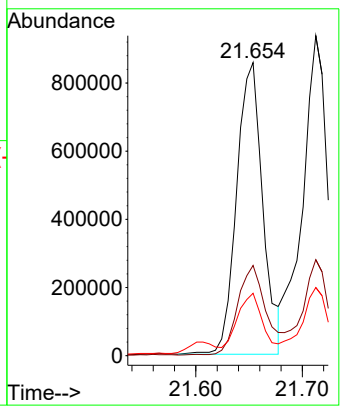


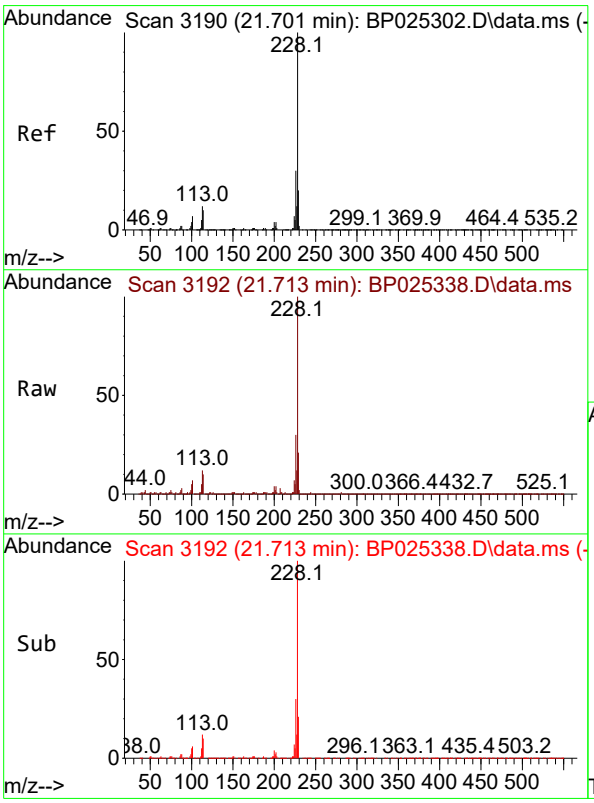
#81
Benzo(a)anthracene
Concen: 15.417 ng
RT: 21.654 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:228 Resp: 1462659

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.8	32.8
229	21.3	16.0	24.0

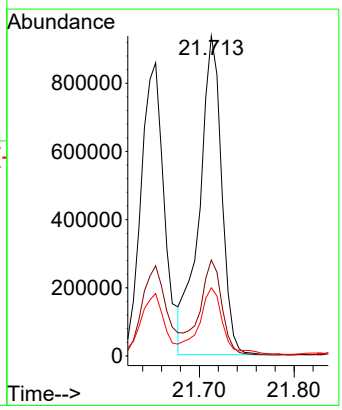


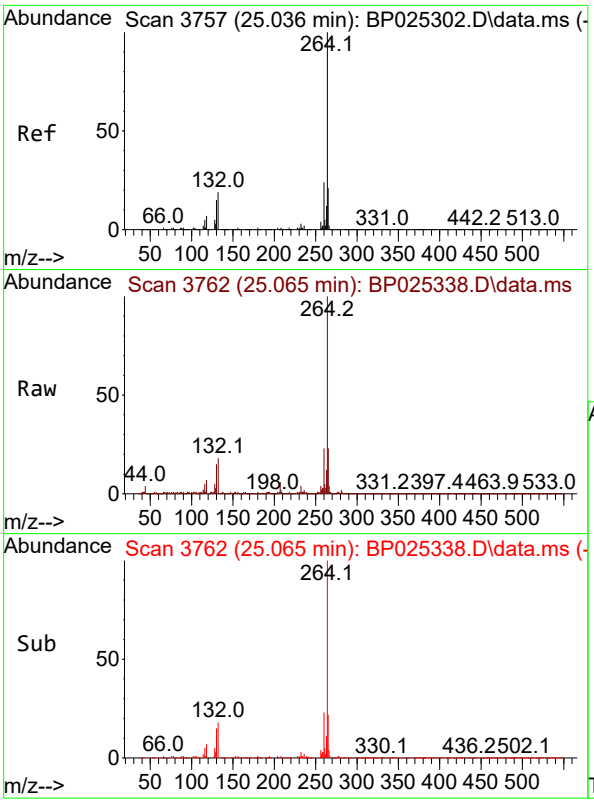


#83
Chrysene
Concen: 17.396 ng
RT: 21.713 min Scan# 3192
Delta R.T. 0.012 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:228 Resp: 1530725

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	21.3	15.9	23.9



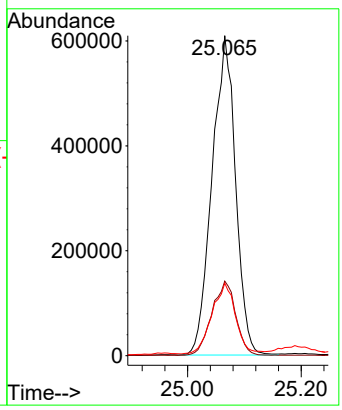


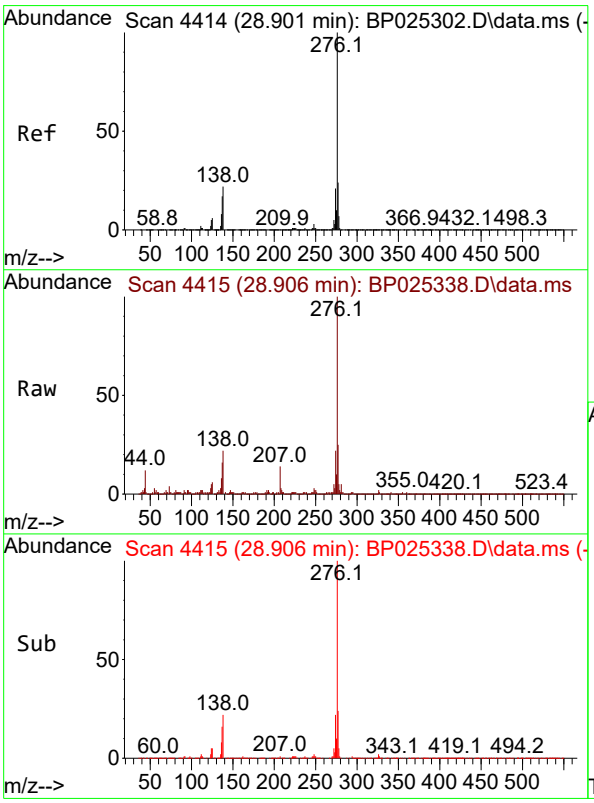
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3
Delta R.T. 0.029 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:264 Resp: 1745398

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.7	17.1	25.7

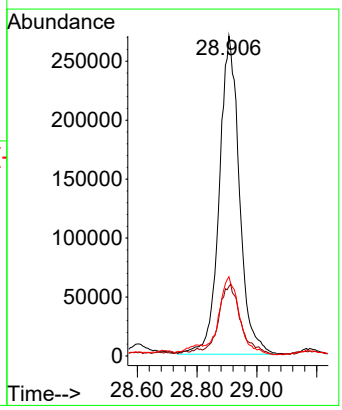


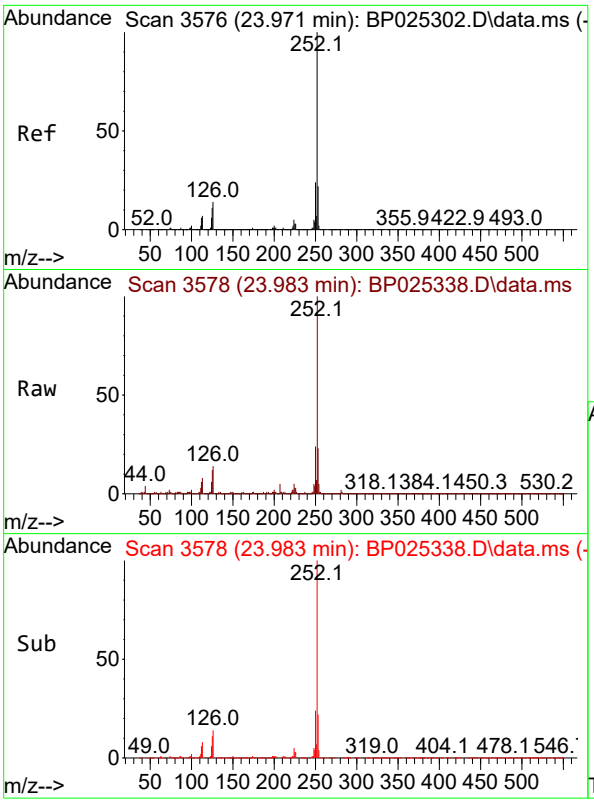


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.082 ng
RT: 28.906 min Scan# 4415
Delta R.T. 0.005 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:276 Resp: 1261292

Ion	Ratio	Lower	Upper
276	100		
138	23.8	14.6	22.0#
277	24.6	16.8	25.2



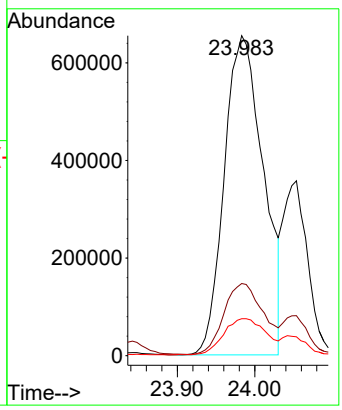


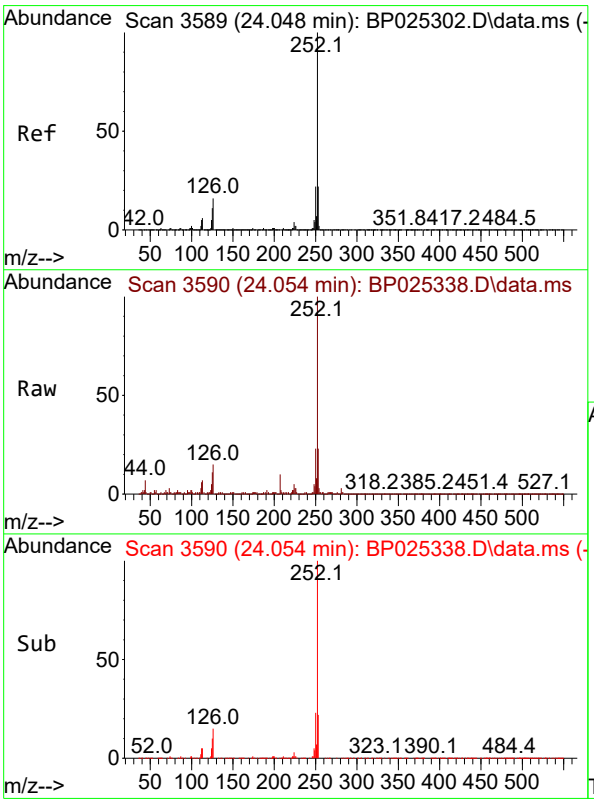
#88
Benzo(b)fluoranthene
Concen: 21.997 ng
RT: 23.983 min Scan# 3
Delta R.T. 0.012 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:252 Resp: 2298276

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.6	8.5	12.7

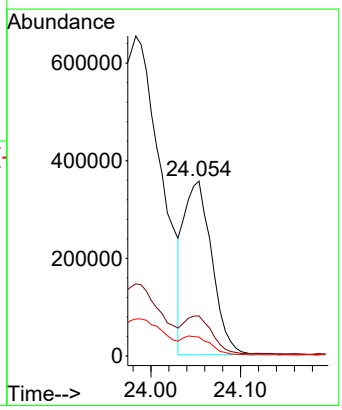


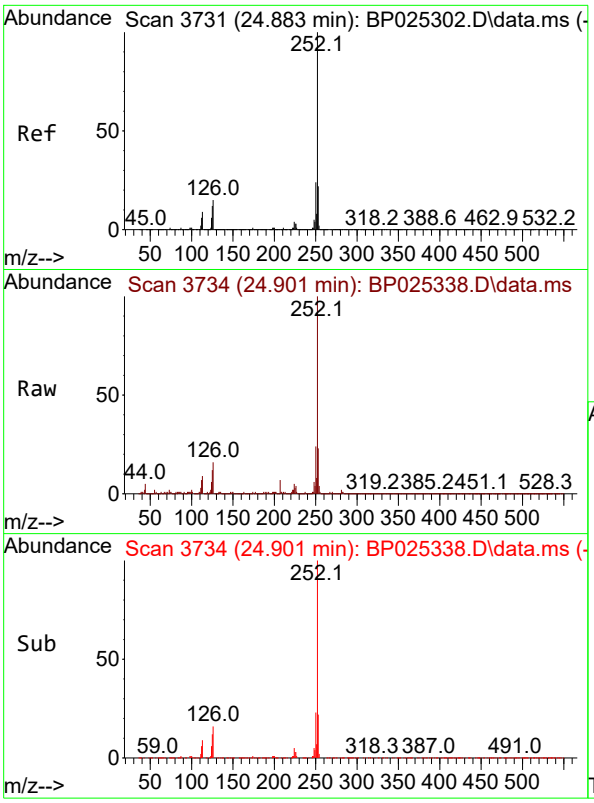


#89
Benzo(k)fluoranthene
Concen: 7.417 ng
RT: 24.054 min Scan# 3590
Delta R.T. 0.006 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:252 Resp: 768205

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.8	8.5	12.7



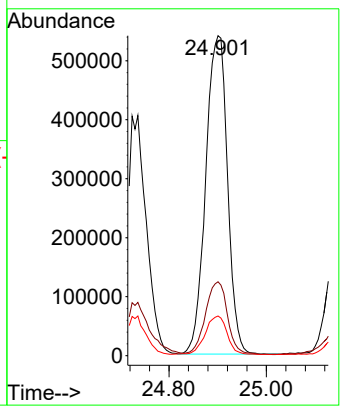


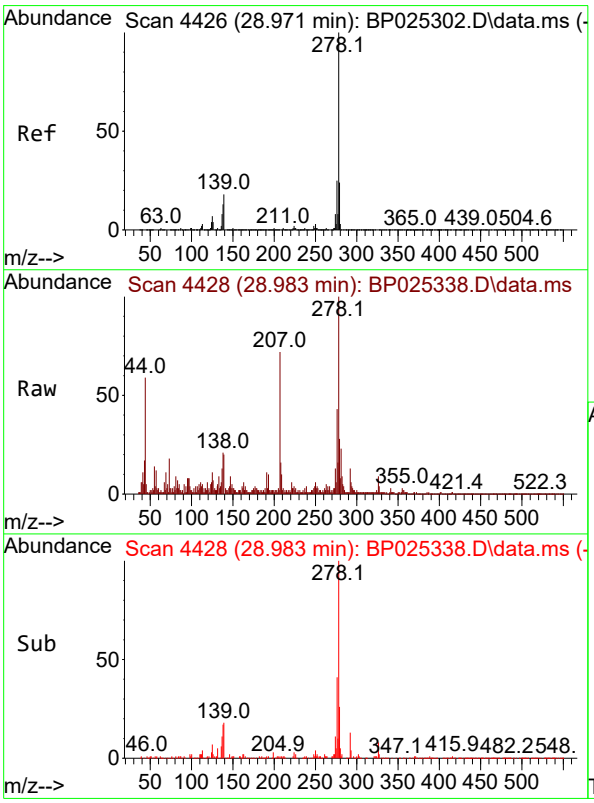
#90
Benzo(a)pyrene
Concen: 16.606 ng
RT: 24.901 min Scan# 3
Delta R.T. 0.018 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:252 Resp: 1670866

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.4	9.4	14.0

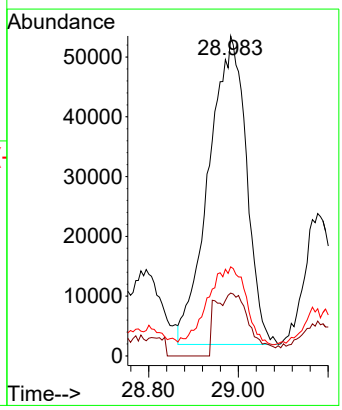


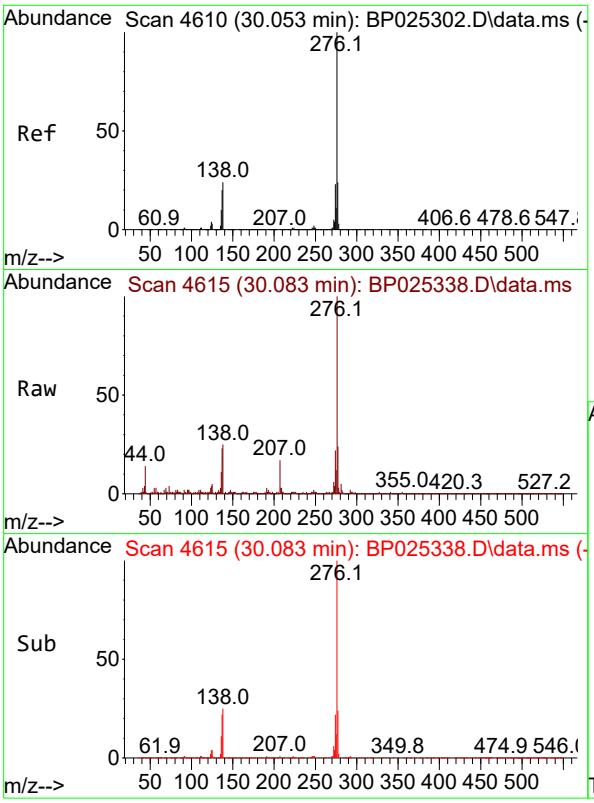


#91
Dibenzo(a,h)anthracene
Concen: 2.929 ng
RT: 28.983 min Scan# 4428
Delta R.T. 0.012 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Tgt Ion:278 Resp: 300115

Ion	Ratio	Lower	Upper
278	100		
139	19.7	14.6	22.0
279	27.8	19.0	28.4





#92
Benzo(g,h,i)perylene
Concen: 12.166 ng
RT: 30.083 min Scan# 4
Delta R.T. 0.030 min
Lab File: BP025338.D
Acq: 08 Aug 2025 18:42

Instrument :
BNA_P
ClientSampleId :
VNJ-222

Tgt Ion:276 Resp: 1223349

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	25.3	19.1	28.7