Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054810.D
Acq On : 31 Aug 2022 17:25
Operator : CG/JU
Sample : N4424-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Time: Sep 01 05:04:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	53834	20.000	ng		0.00
21) Naphthalene-d8	10.978	136	229273	20.000	ng		0.00
39) Acenaphthene-d10	14.785	164	152100	20.000	ng		0.00
64) Phenanthrene-d10	17.529	188	316263	20.000	ng		0.00
76) Chrysene-d12	21.824	240	287518	20.000	ng		0.00
86) Perylene-d12	25.202	264	305096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	374342	121.088	ng		0.00
7) Phenol-d6	7.300	99	513447	121.443	ng		0.00
23) Nitrobenzene-d5	9.321	82	306666	70.217	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	220749	116.148	ng		0.00
45) 2-Fluorobiphenyl	13.410	172	709669	70.128	ng		0.00
79) Terphenyl-d14	20.132	244	1081847	74.554	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.321	70	38938	13.393	ng	#	80
31) Naphthalene	11.025	128	33329	2.709	ng		98
51) 2,6-Dinitrotoluene	14.779	165	20705	8.639	ng	#	21
56) 4-Nitrophenol	15.179	139	9098	4.382	ng	#	6
57) 2,4-Dinitrotoluene	14.779	165	20705	6.246	ng	#	19
58) Fluorene	15.825	166	29237	2.598	ng		98
67) 4-Bromophenyl-phenylether	16.266	248	14220	4.095	ng	#	1
71) Phenanthrene	17.576	178	259734	15.417	ng		98
72) Anthracene	17.664	178	76233	4.654	ng		99
75) Fluoranthene	19.580	202	1036243	50.561	ng		98
77) Benzidine	20.132	184	16479	2.314	ng	#	90
78) Pyrene	19.944	202	851502	42.472	ng		98
81) Benzo(a)anthracene	21.806	228	267206	13.707	ng		99
83) Chrysene	21.871	228	244151	13.099	ng		98
87) Indeno(1,2,3-cd)pyrene	29.063	276	50674	2.188	ng	#	93
88) Benzo(b)fluoranthene	24.121	252	190064	9.931	ng		99
89) Benzo(k)fluoranthene	24.121	252	190064	9.868	ng		98
90) Benzo(a)pyrene	25.038	252	101353	6.198	ng		100
92) Benzo(g,h,i)perylene	30.285	276	50021	2.624	ng		96

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

Quantitation Report (Not Reviewed)

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QLast Update : Thu Aug 25 17:50:55 2022
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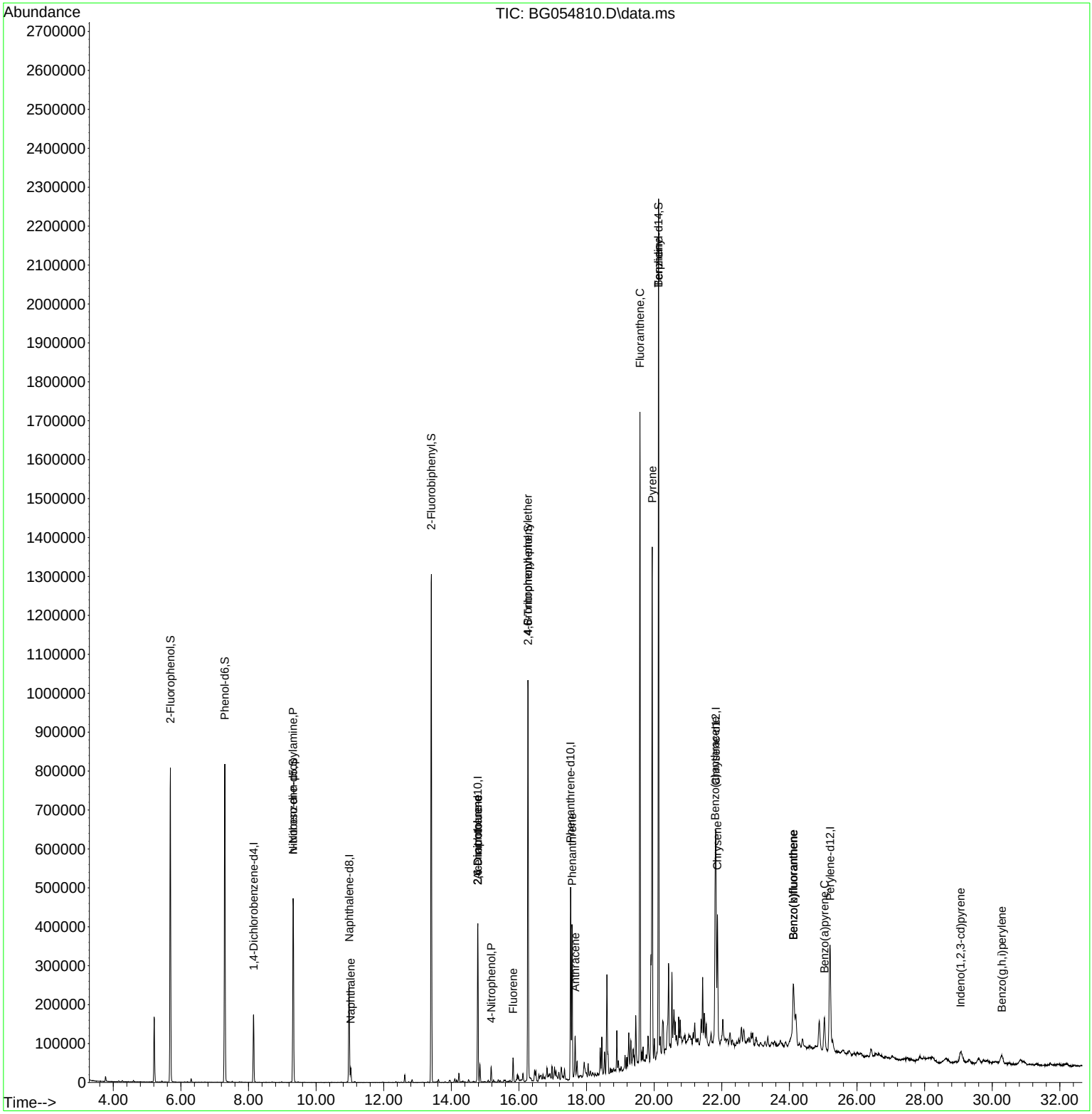
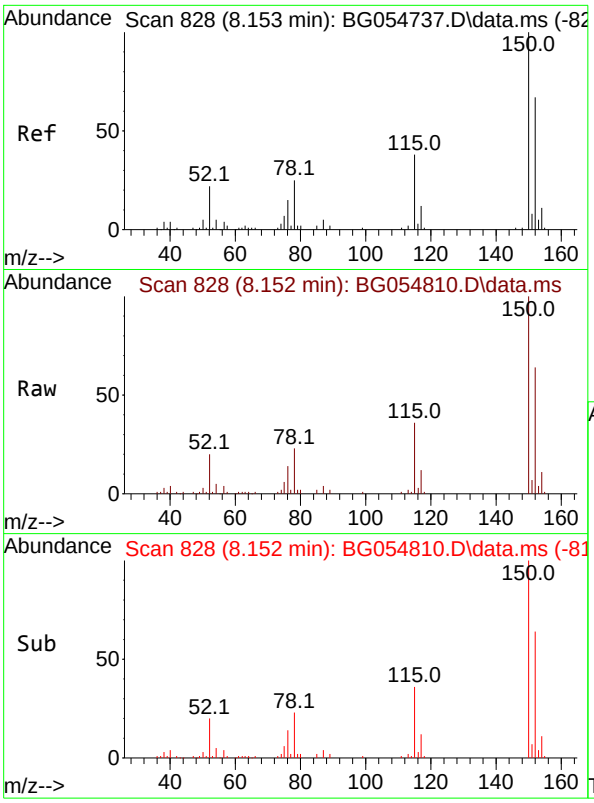


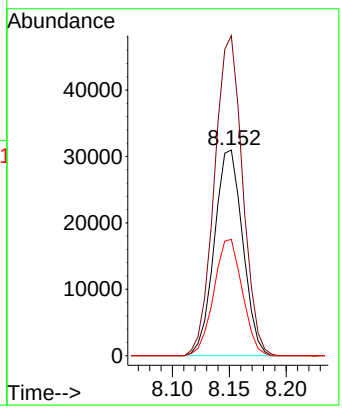


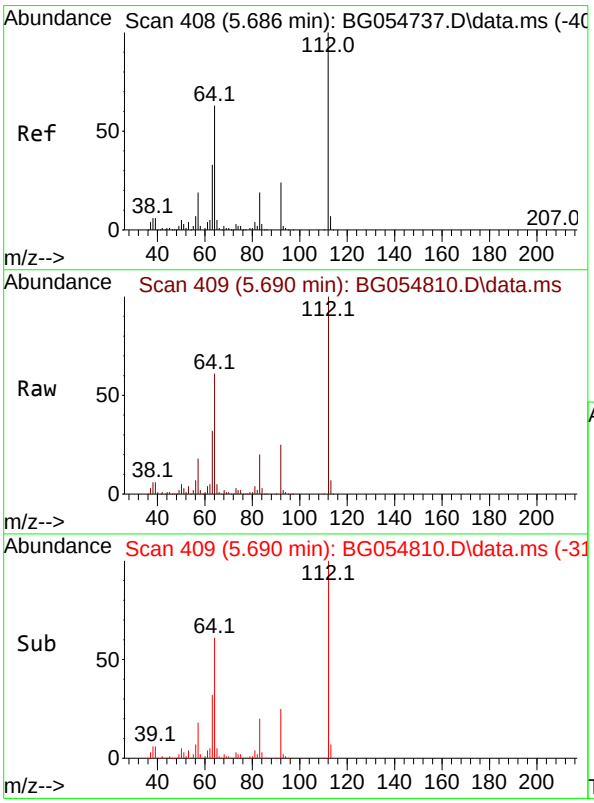
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 8
Delta R.T. -0.001 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 53834

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.2	187.8
115	56.6	47.9	71.9

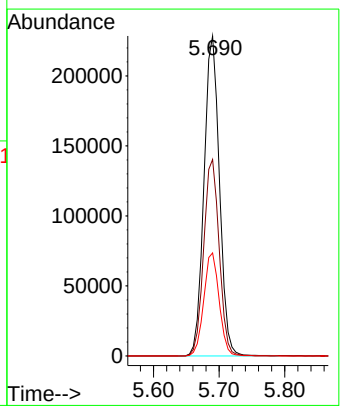


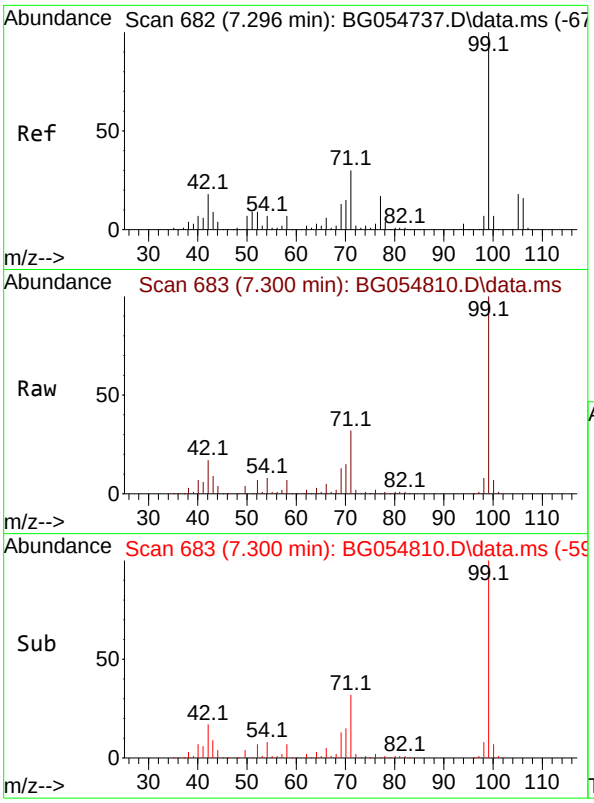


#5
2-Fluorophenol
Concen: 121.088 ng
RT: 5.690 min Scan# 409
Delta R.T. 0.004 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:112 Resp: 374342

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.3	73.9
63	32.2	26.3	39.5



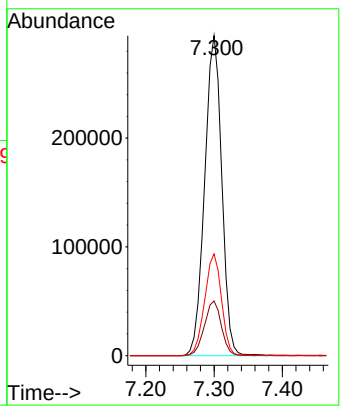


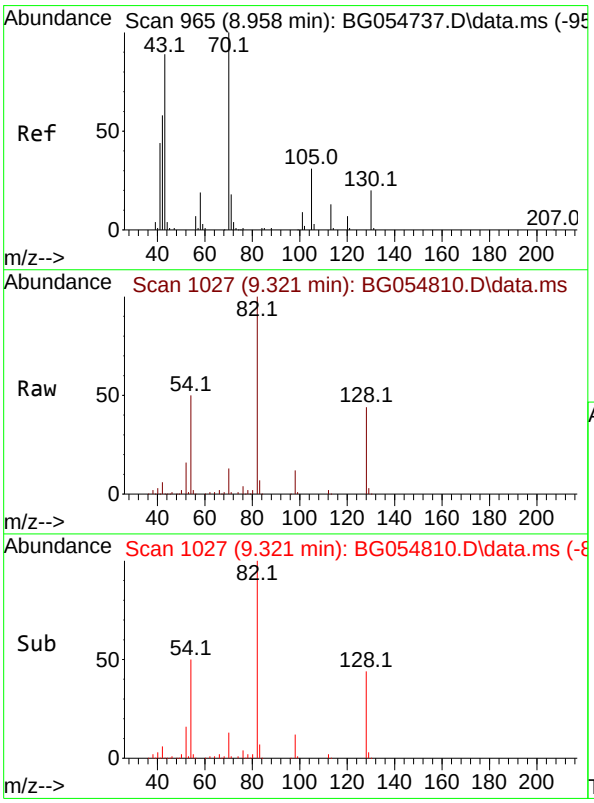
#7
Phenol-d6
Concen: 121.443 ng
RT: 7.300 min Scan# 6
Delta R.T. 0.004 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 513447

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.6	22.0
71	31.8	24.6	37.0

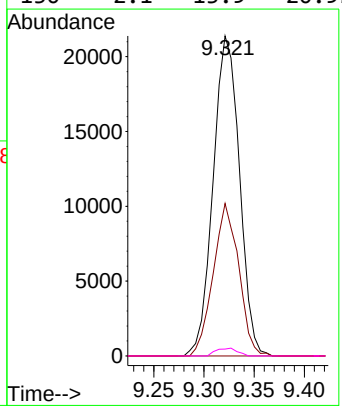


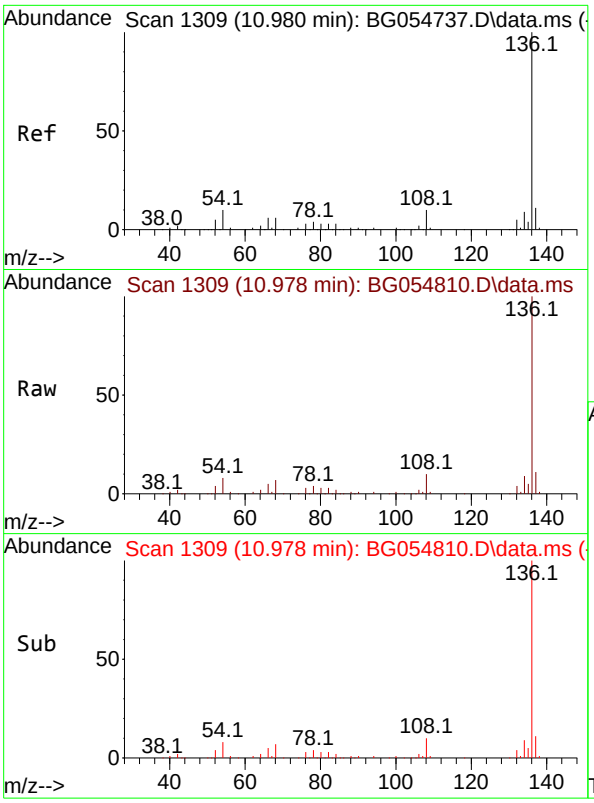


#19
n-Nitroso-di-n-propylamine
Concen: 13.393 ng
RT: 9.321 min Scan# 1027
Delta R.T. 0.363 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion: 70 Resp: 38938

Ion	Ratio	Lower	Upper
70	100		
42	47.7	46.6	69.8
101	0.0	7.7	11.5#
130	2.1	13.9	20.9#



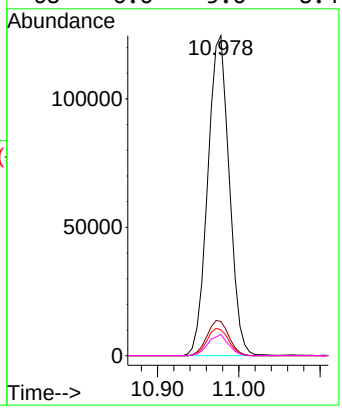


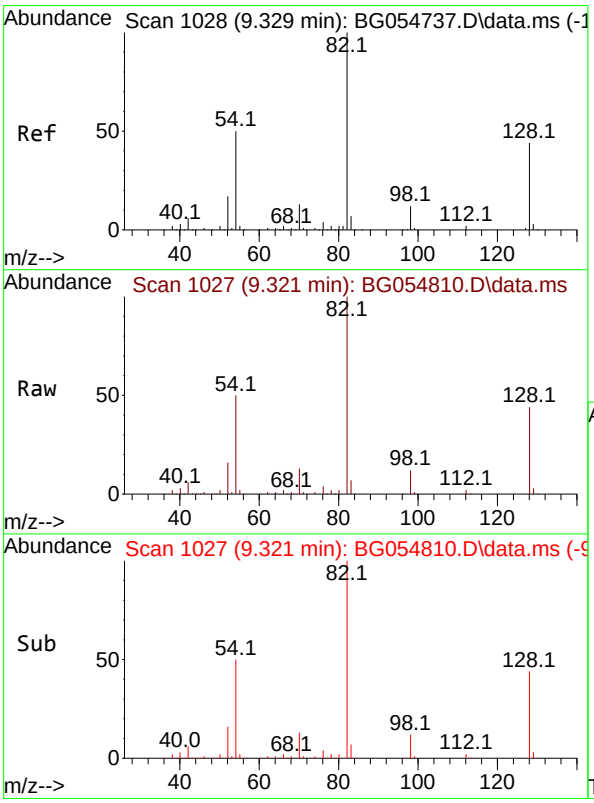
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:136 Resp: 229273

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.0	7.7	11.5
68	6.6	5.6	8.4

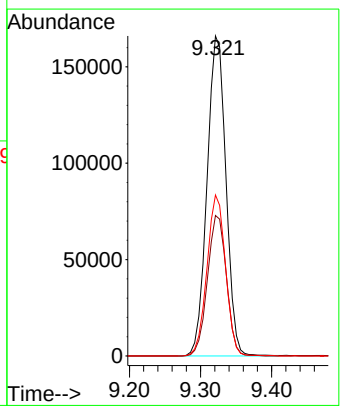


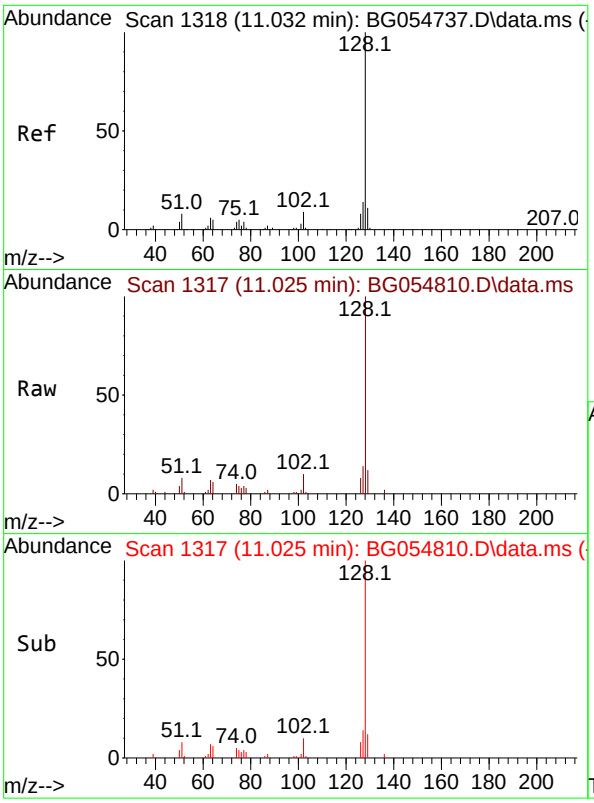


#23
Nitrobenzene-d5
Concen: 70.217 ng
RT: 9.321 min Scan# 1027
Delta R.T. -0.008 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion: 82 Resp: 306666

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.2	48.2
54	50.3	41.4	62.0



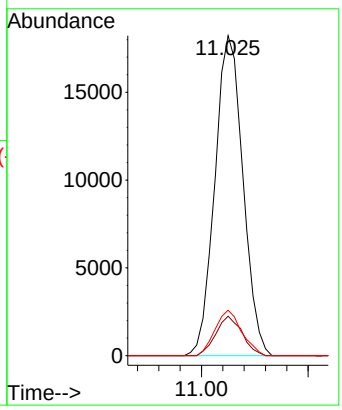


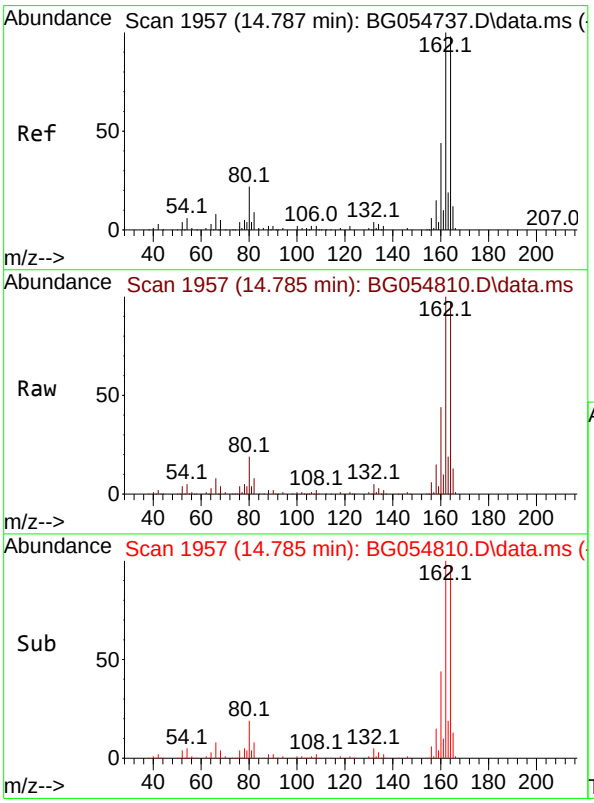
#31
Naphthalene
Concen: 2.709 ng
RT: 11.025 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:128 Resp: 33329

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	14.2	11.1	16.7

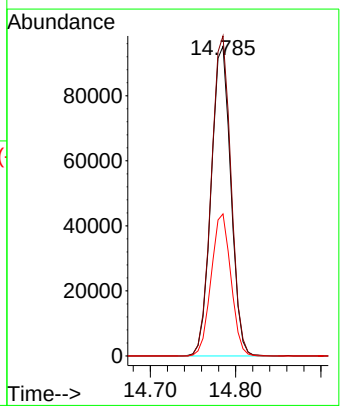


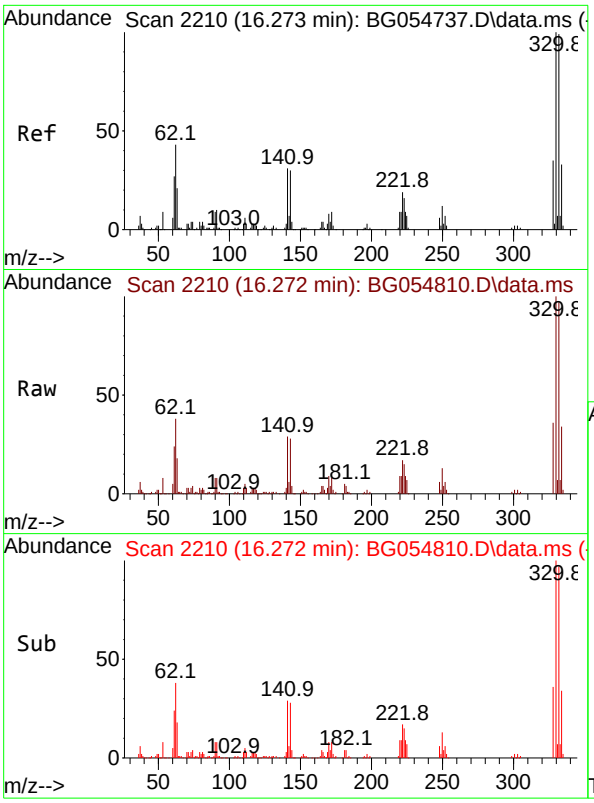


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.785 min Scan# 1957
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:164 Resp: 152100

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.4
160	45.9	38.0	57.0



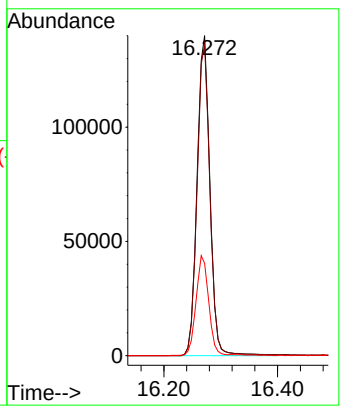


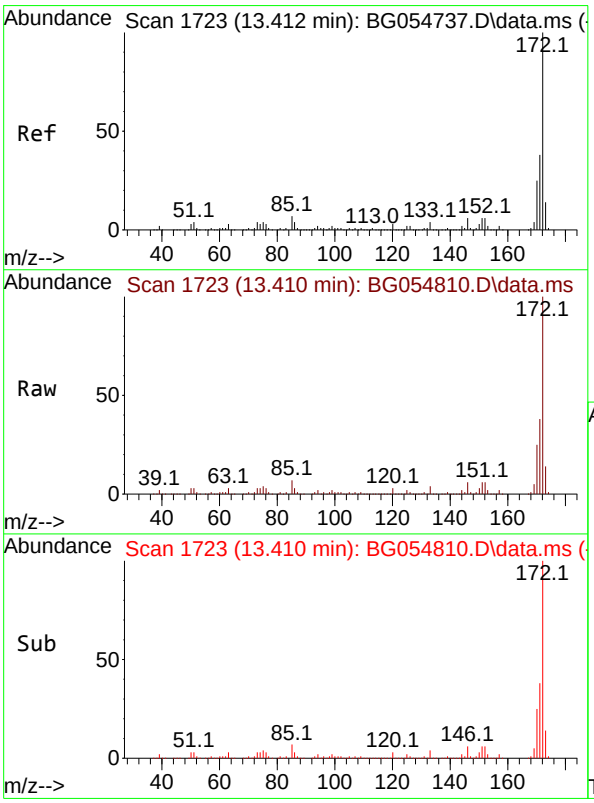
#42
2,4,6-Tribromophenol
Concen: 116.148 ng
RT: 16.272 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:330 Resp: 220749

Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.8	119.6
141	30.8	26.8	40.2

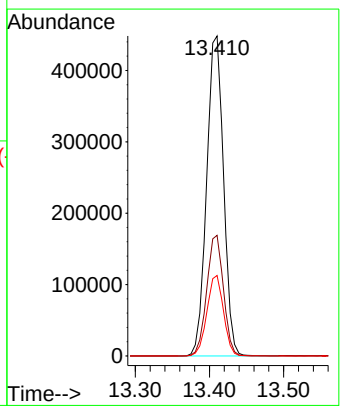


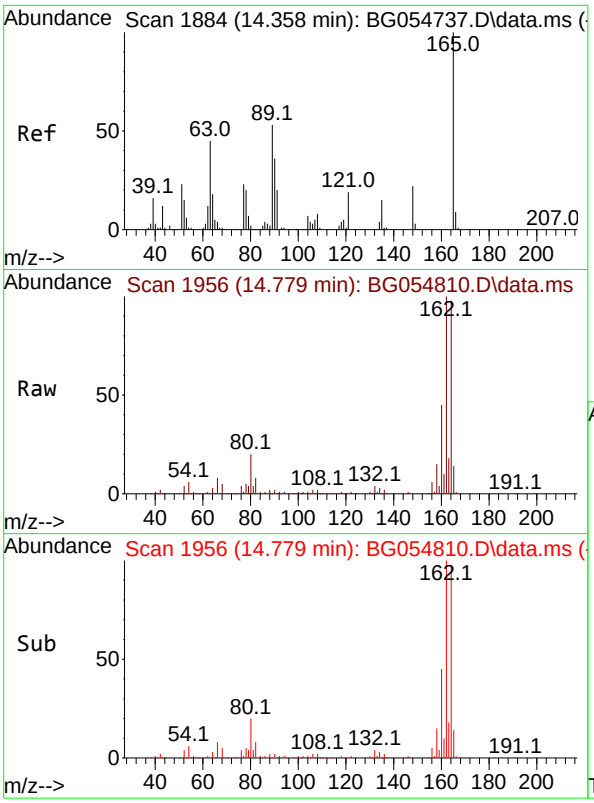


#45
2-Fluorobiphenyl
Concen: 70.128 ng
RT: 13.410 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:172 Resp: 709669

Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.2	46.8
170	25.1	20.6	30.8



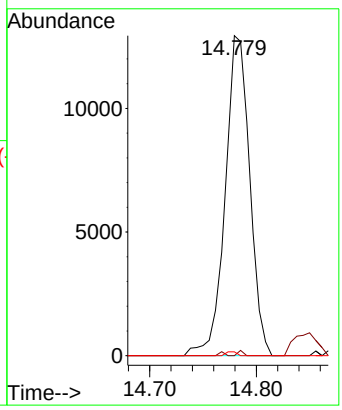


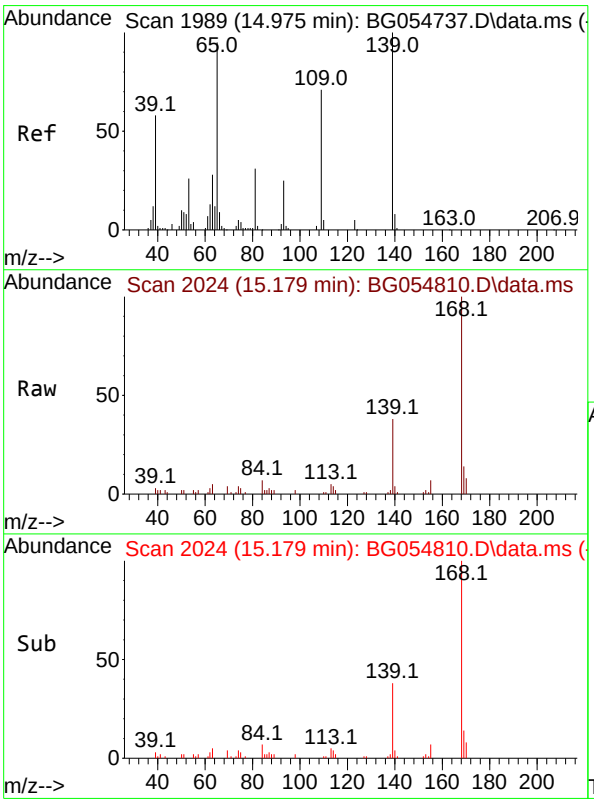
#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 14.779 min Scan# 1
Delta R.T. 0.421 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:165 Resp: 20705

Ion	Ratio	Lower	Upper
165	100		
63	0.0	46.0	69.0#
89	1.2	50.3	75.5#

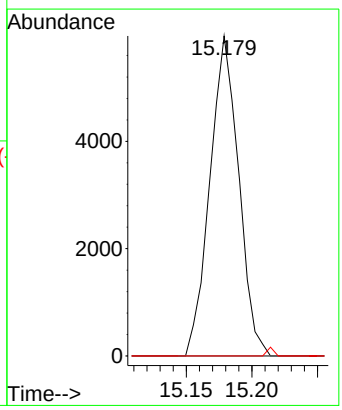


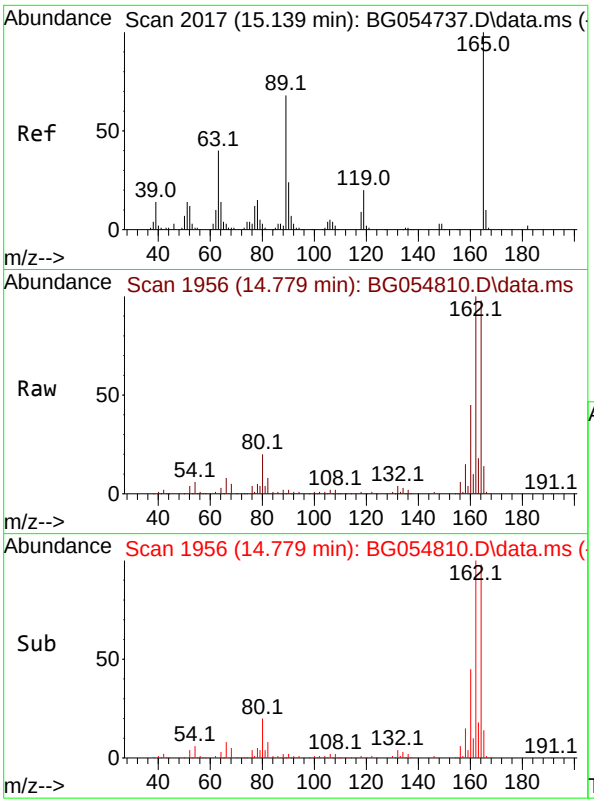


#56
4-Nitrophenol
Concen: 4.382 ng
RT: 15.179 min Scan# 2024
Delta R.T. 0.204 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:139 Resp: 9098

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	79.9	119.9#



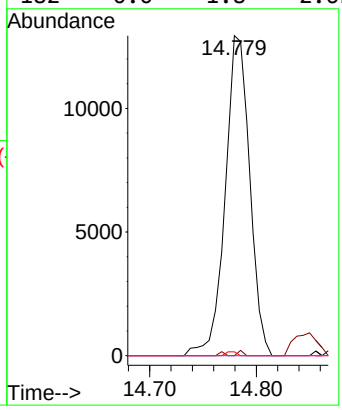


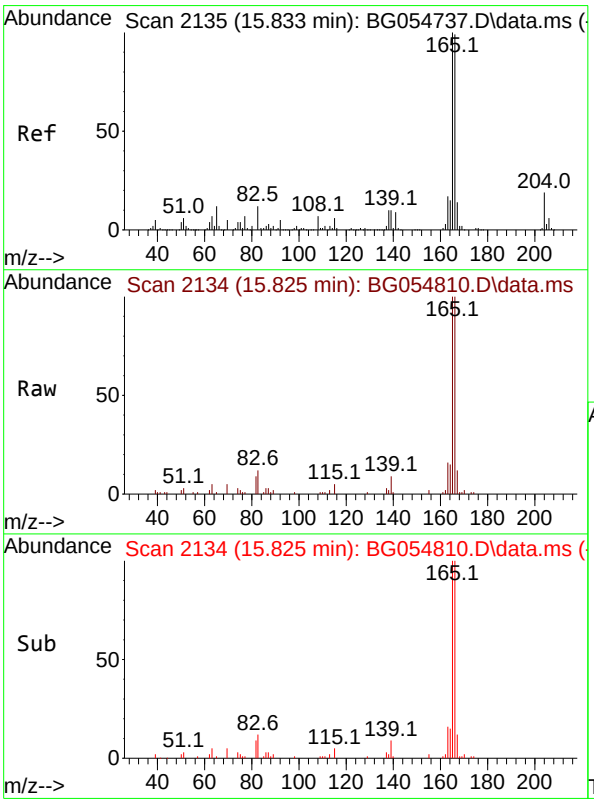
#57
2,4-Dinitrotoluene
Concen: 6.246 ng
RT: 14.779 min Scan# 1
Delta R.T. -0.360 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:165 Resp: 20705

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.8	55.2#
89	1.2	64.3	96.5#
182	0.0	1.8	2.6#

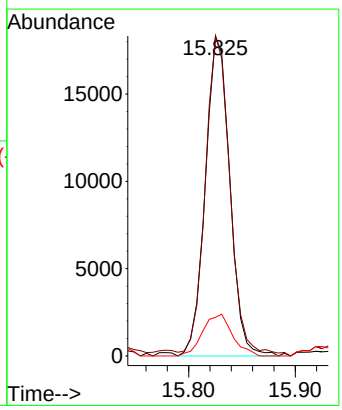


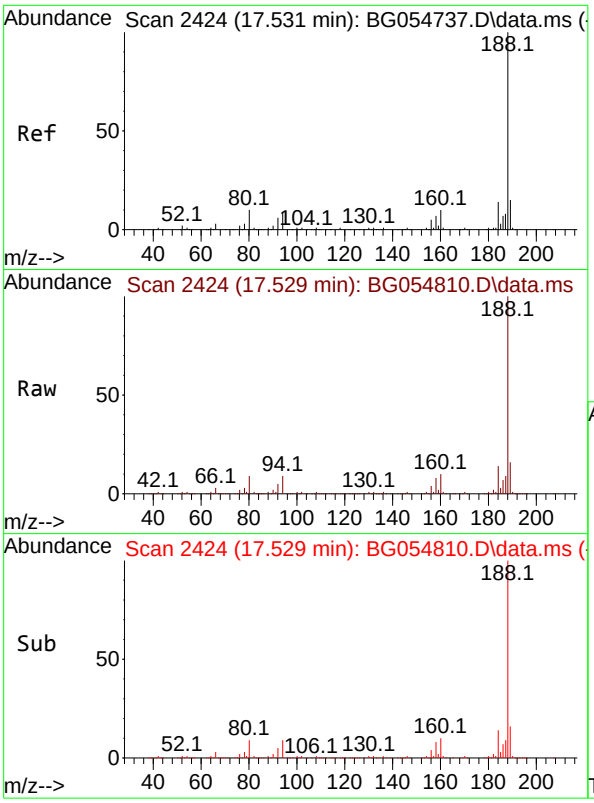


#58
Fluorene
Concen: 2.598 ng
RT: 15.825 min Scan# 2134
Delta R.T. -0.008 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:166 Resp: 29237

Ion	Ratio	Lower	Upper
166	100		
165	100.0	80.8	121.2
167	12.1	11.4	17.0



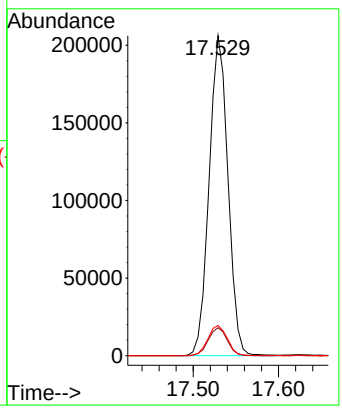


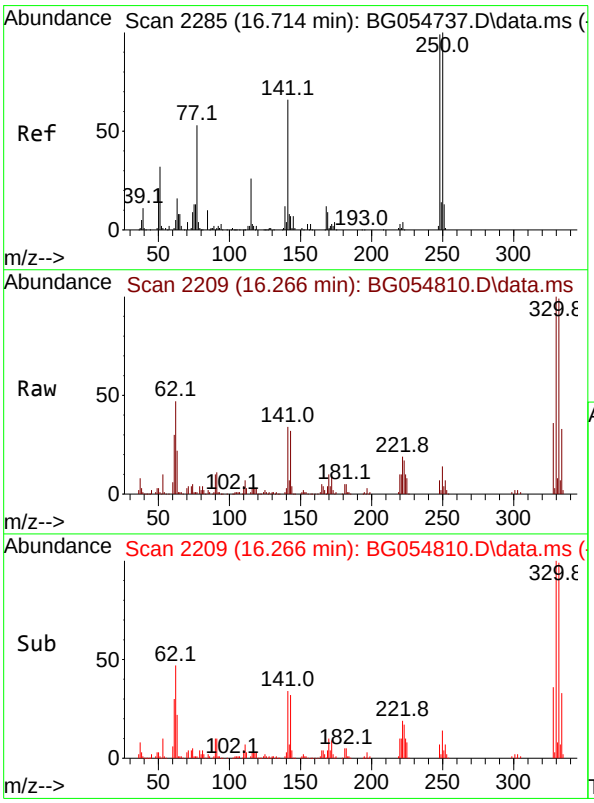
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.529 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:188 Resp: 316263

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.4	7.9	11.9

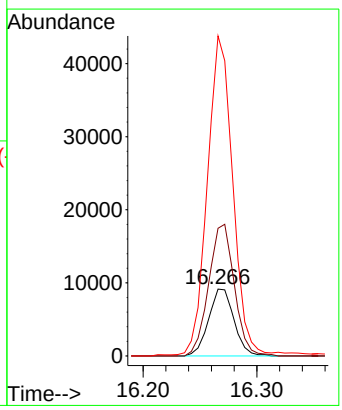


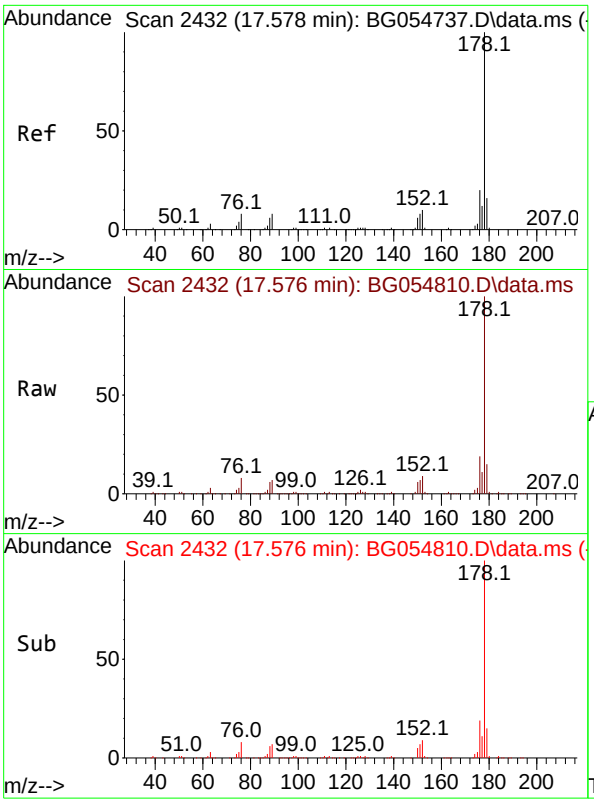


#67
4-Bromophenyl-phenylether
Concen: 4.095 ng
RT: 16.266 min Scan# 2209
Delta R.T. -0.448 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:248 Resp: 14220

Ion	Ratio	Lower	Upper
248	100		
250	190.8	78.8	118.2#
141	478.3	51.9	77.9#



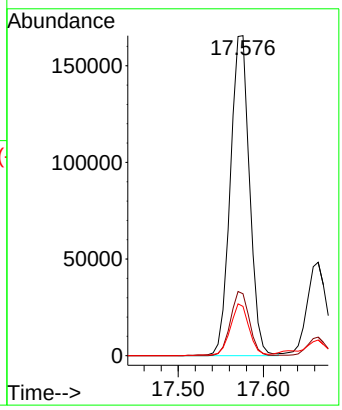


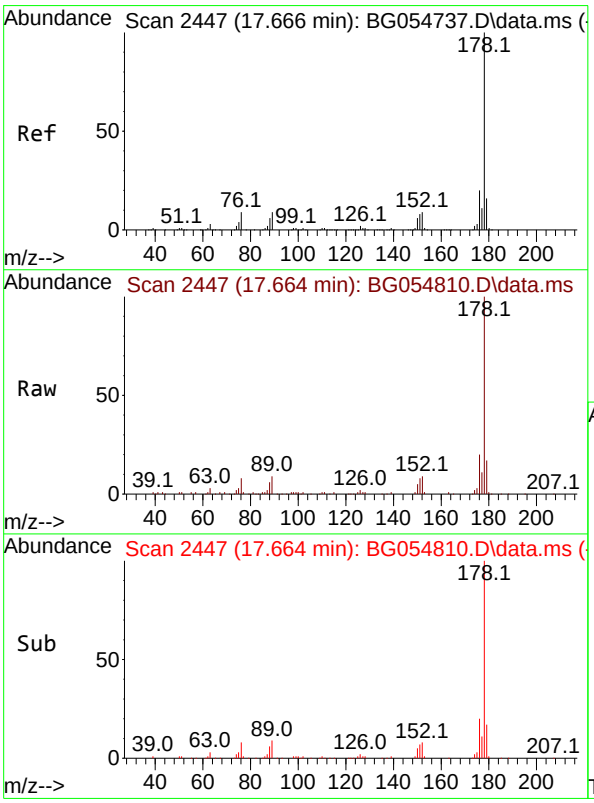
#71
Phenanthrene
Concen: 15.417 ng
RT: 17.576 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:178 Resp: 259734

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.4	12.8	19.2

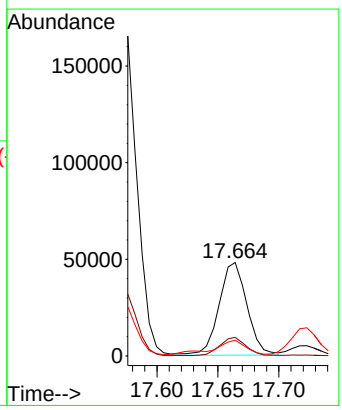


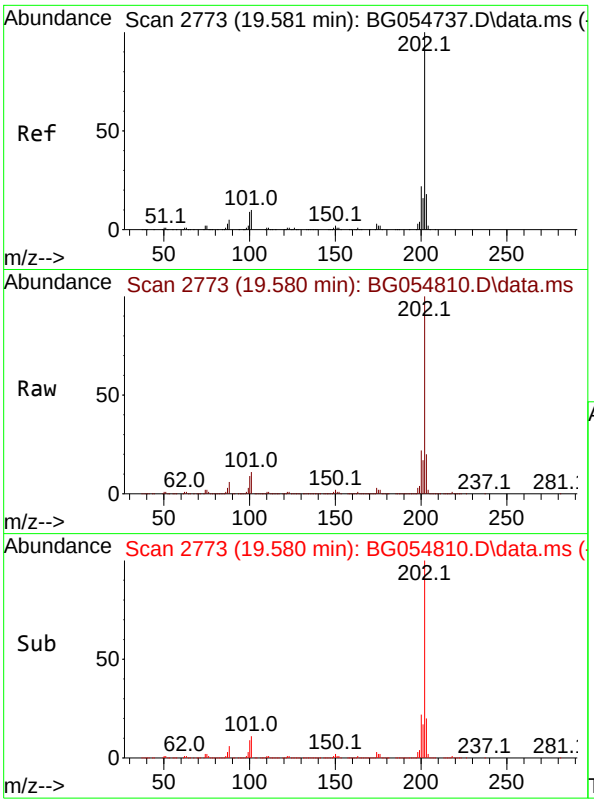


#72
Anthracene
Concen: 4.654 ng
RT: 17.664 min Scan# 2447
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:178 Resp: 76233

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	16.8	12.9	19.3



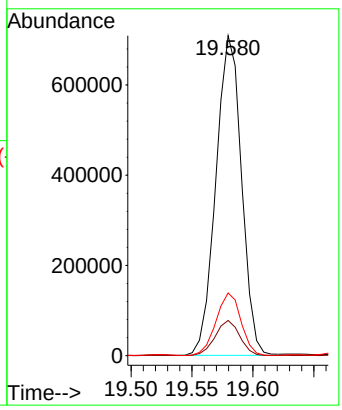


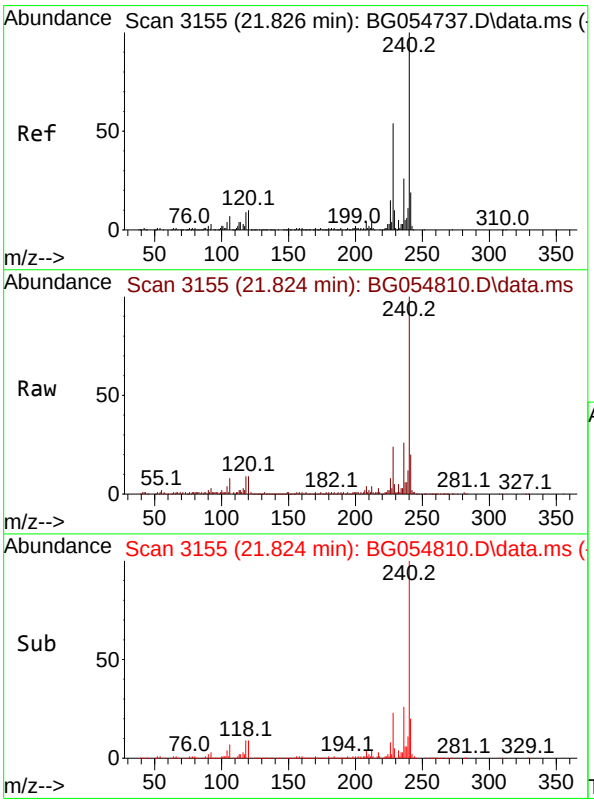
#75
Fluoranthene
Concen: 50.561 ng
RT: 19.580 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:202 Resp: 1036243

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.4
203	19.6	0.0	38.6

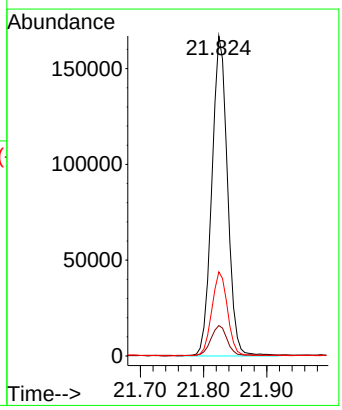


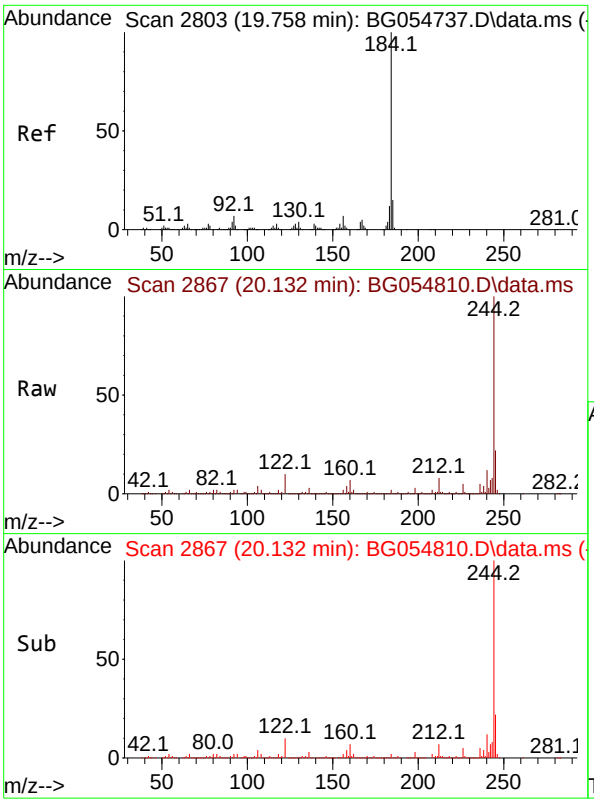


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3155
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:240 Resp: 287518

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.4
236	26.3	21.2	31.8



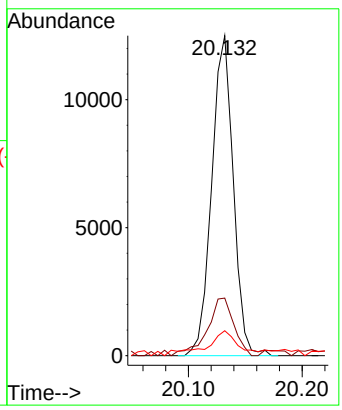


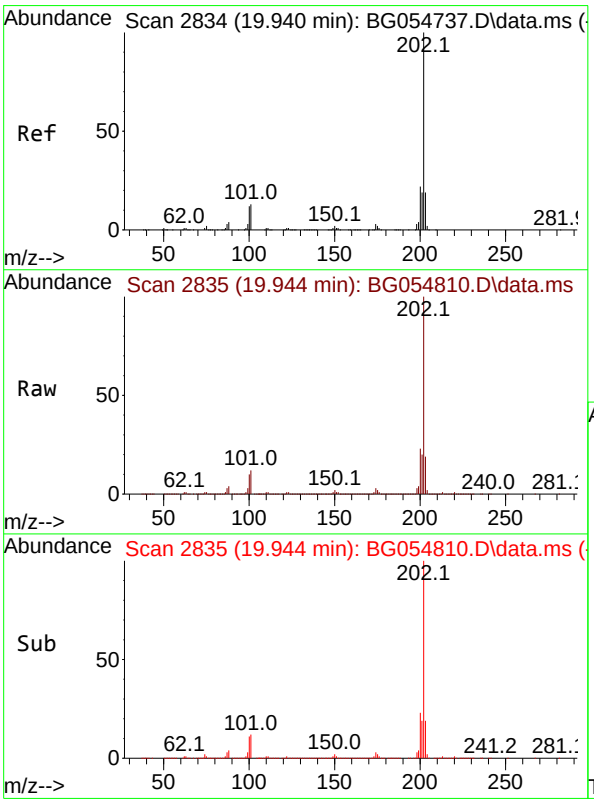
#77
Benzidine
Concen: 2.314 ng
RT: 20.132 min Scan# 2
Delta R.T. 0.374 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:184 Resp: 16479

Ion	Ratio	Lower	Upper
184	100		
185	18.0	11.4	17.0#
183	7.8	9.8	14.8#

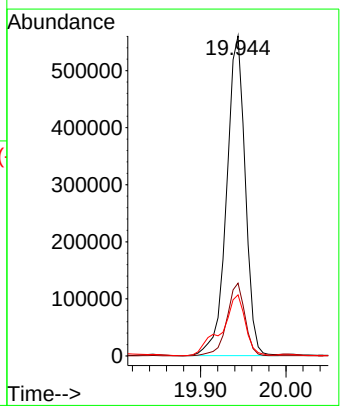


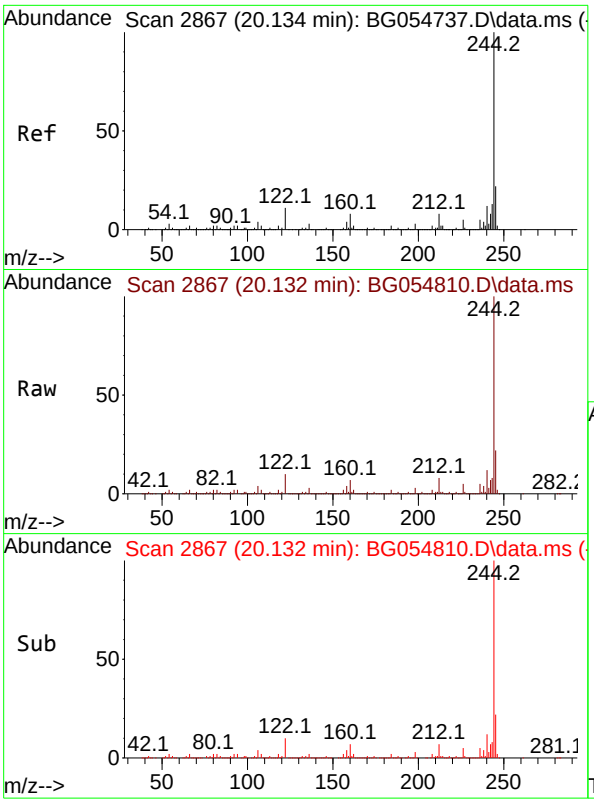


#78
Pyrene
Concen: 42.472 ng
RT: 19.944 min Scan# 2835
Delta R.T. 0.004 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:202 Resp: 851502

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.6
203	19.1	14.6	21.8



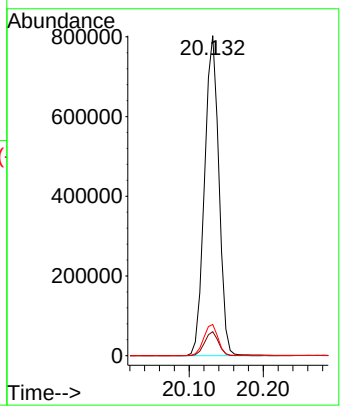


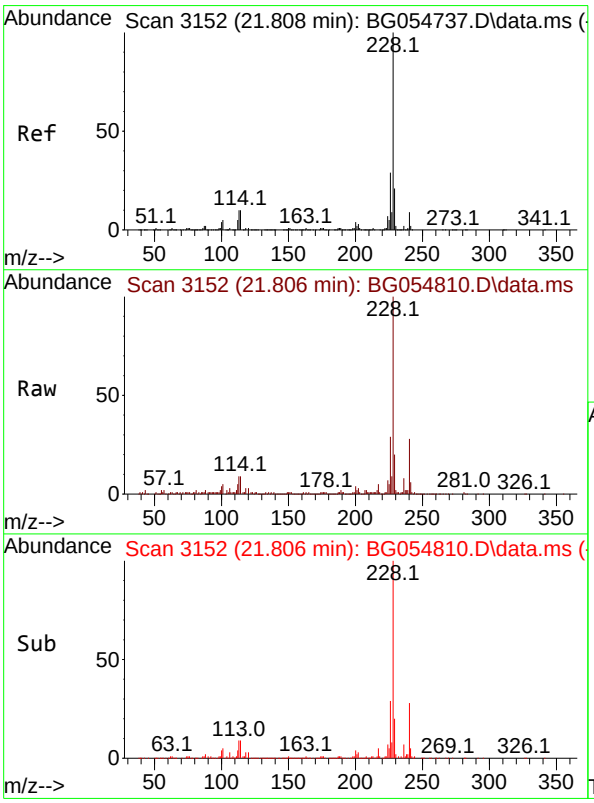
#79
Terphenyl-d14
Concen: 74.554 ng
RT: 20.132 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:244 Resp: 1081847

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.7	9.0	13.6

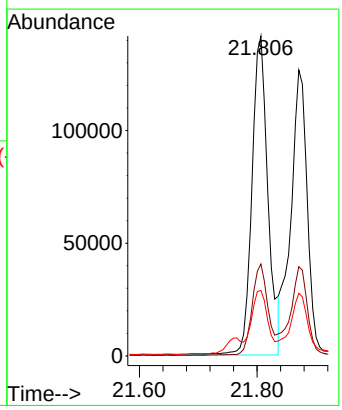


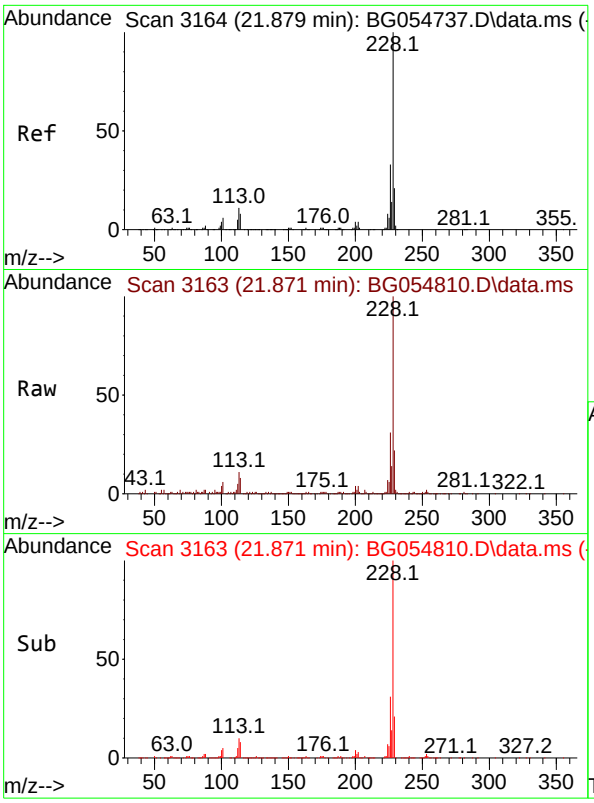


#81
Benzo(a)anthracene
Concen: 13.707 ng
RT: 21.806 min Scan# 3152
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:228 Resp: 267206

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	20.4	16.5	24.7



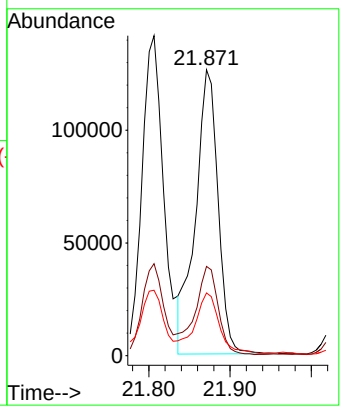


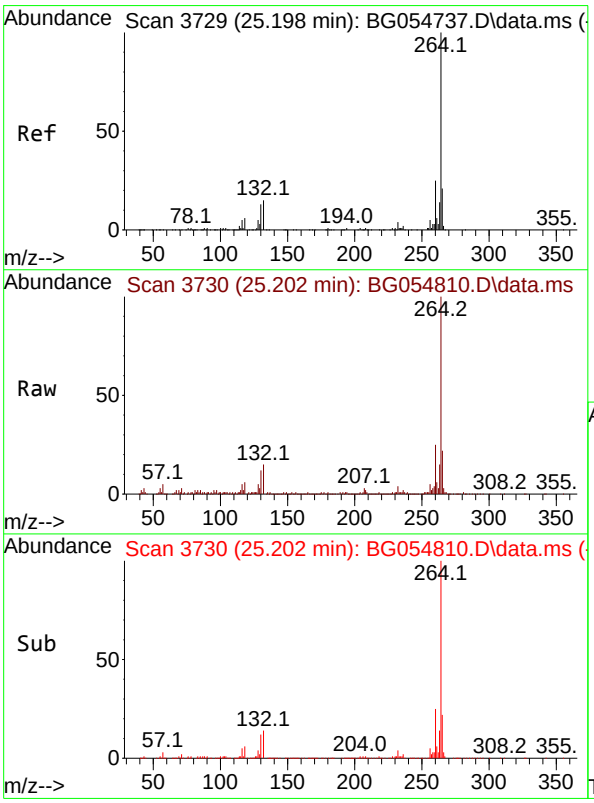
#83
Chrysene
Concen: 13.099 ng
RT: 21.871 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:228 Resp: 244151

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.5	38.3
229	21.9	16.8	25.2

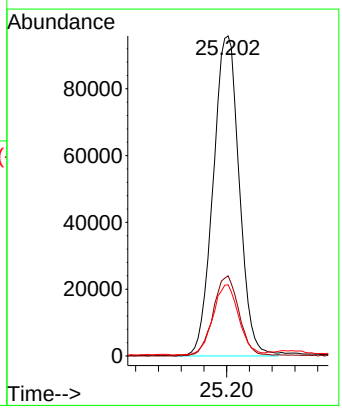


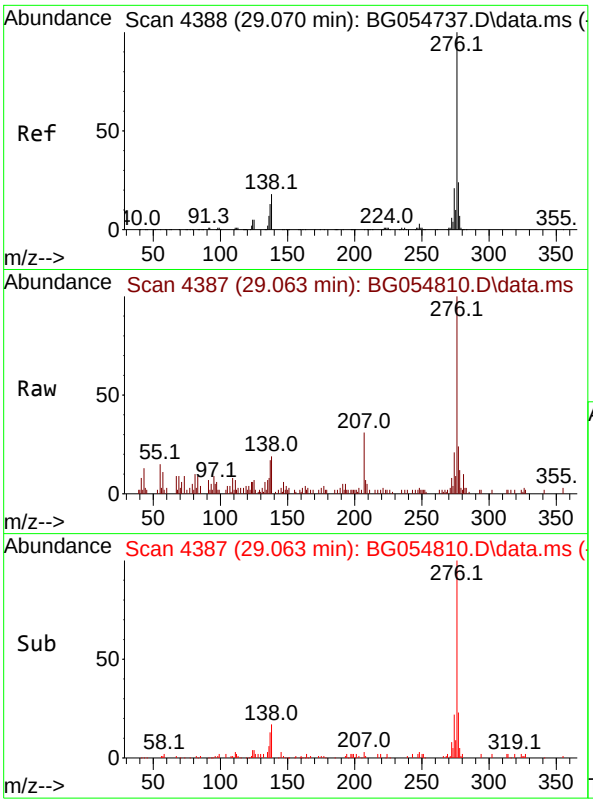


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.202 min Scan# 3730
Delta R.T. 0.004 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:264 Resp: 305096

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.9	29.9
265	22.2	16.9	25.3



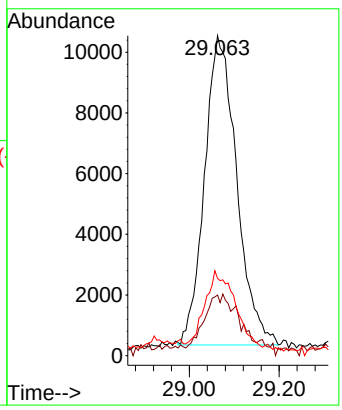


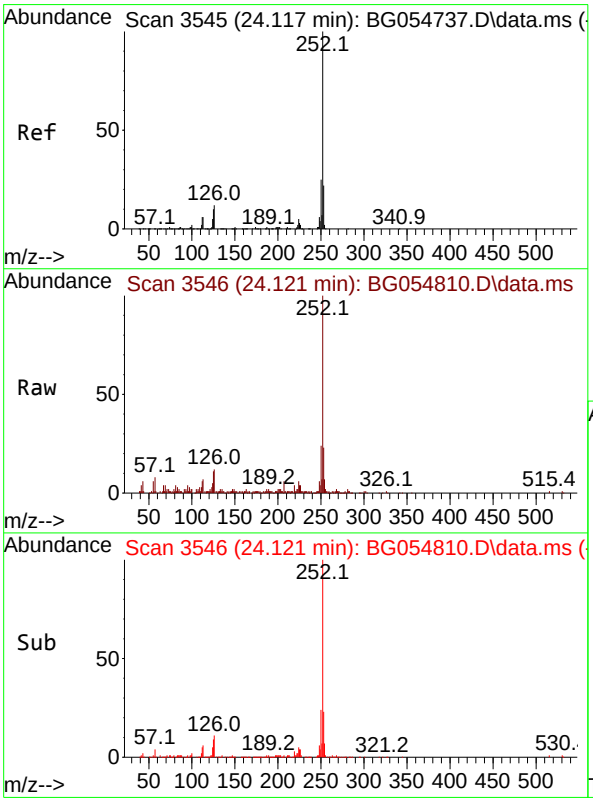
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.188 ng
RT: 29.063 min Scan# 4
Delta R.T. -0.008 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 50674

Ion	Ratio	Lower	Upper
276	100		
138	8.6	12.0	18.0#
277	23.9	20.2	30.4

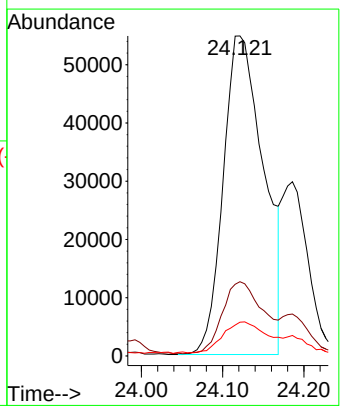


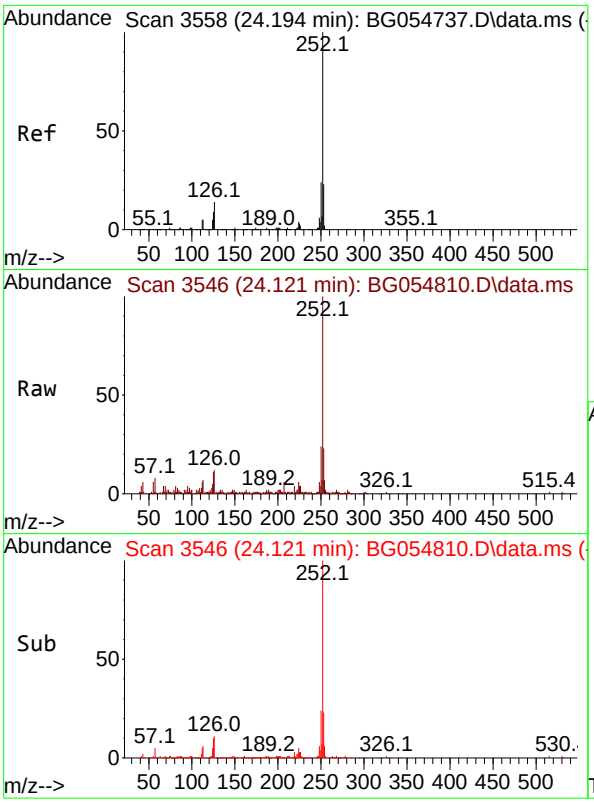


#88
Benzo(b)fluoranthene
Concen: 9.931 ng
RT: 24.121 min Scan# 3546
Delta R.T. 0.004 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:252 Resp: 190064

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	10.5	8.1	12.1



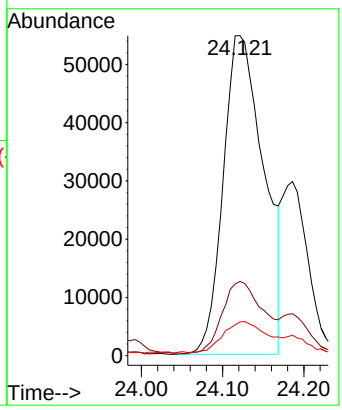


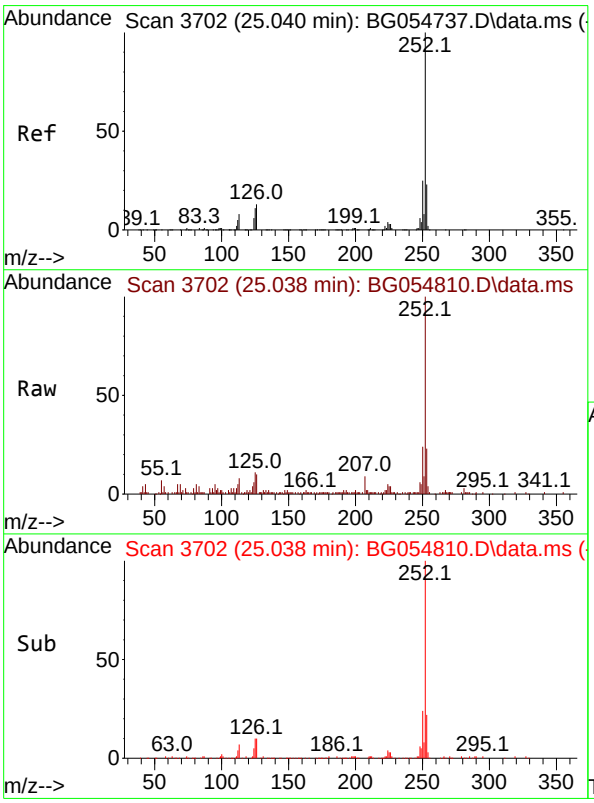
#89
Benzo(k)fluoranthene
Concen: 9.868 ng
RT: 24.121 min Scan# 3
Delta R.T. -0.072 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:252 Resp: 190064

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.5	8.2	12.4

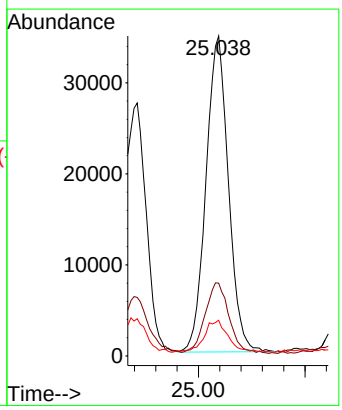


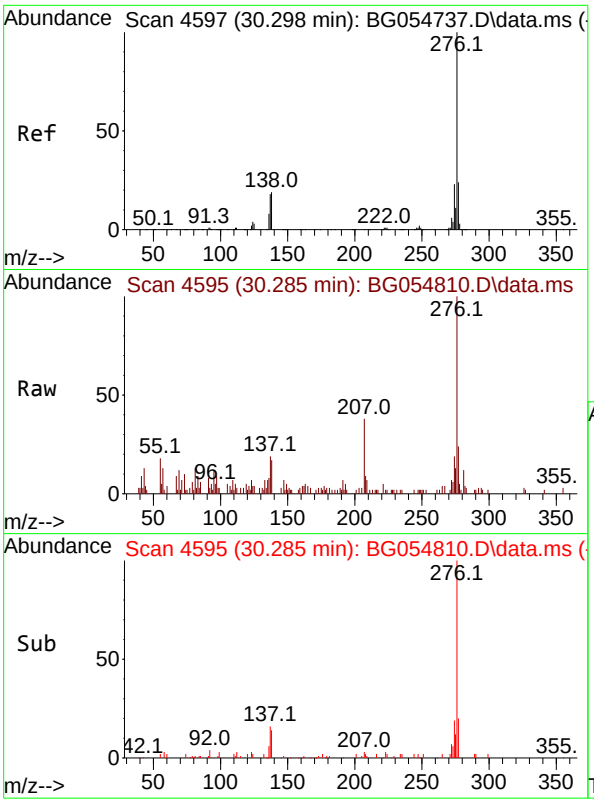


#90
Benzo(a)pyrene
Concen: 6.198 ng
RT: 25.038 min Scan# 3702
Delta R.T. -0.002 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Tgt Ion:252 Resp: 101353

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	11.1	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 2.624 ng
RT: 30.285 min Scan# 4
Delta R.T. -0.013 min
Lab File: BG054810.D
Acq: 31 Aug 2022 17:25

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 50021

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.0
138	16.8	16.6	25.0