Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
Data File : BG049826.D
Acq On : 12 Aug 2021 20:38
Operator : CG/JU
Sample : M3334-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-235

Quant Time: Aug 13 02:15:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	39715	20.00	ng		0.00
21) Naphthalene-d8	10.860	136	167531	20.00	ng		# 0.00
39) Acenaphthene-d10	14.690	164	111942	20.00	ng		0.00
64) Phenanthrene-d10	17.439	188	211423	20.00	ng		# 0.00
76) Chrysene-d12	21.727	240	170975	20.00	ng		0.00
86) Perylene-d12	25.011	264	170459	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.590	112	112875	50.95	ng		0.00
7) Phenol-d6	7.200	99	157946	47.10	ng		0.00
23) Nitrobenzene-d5	9.209	82	114513	30.25	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	73055	44.40	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	243890	31.70	ng		-0.01
79) Terphenyl-d14	20.053	244	300628	31.93	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.197	70	16941	7.55	ng	#	62
32) Benzoic acid	9.849	122	56	4.98	ng	#	1
51) 2,6-Dinitrotoluene	14.684	165	14631	7.87	ng	#	11
57) 2,4-Dinitrotoluene	14.684	165	14631	5.60	ng	#	16
75) Fluoranthene	19.495	202	59551	4.35	ng		98
78) Pyrene	19.495	202	59551	5.11	ng		98
81) Benzo(a)anthracene	21.704	228	26559	2.39	ng		96
83) Chrysene	21.704	228	26559	2.50	ng		95
88) Benzo(b)fluoranthene	23.966	252	51717	4.63	ng	#	94
89) Benzo(k)fluoranthene	23.966	252	51717	4.96	ng	#	98
90) Benzo(a)pyrene	24.847	252	21836	2.16	ng	#	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081221\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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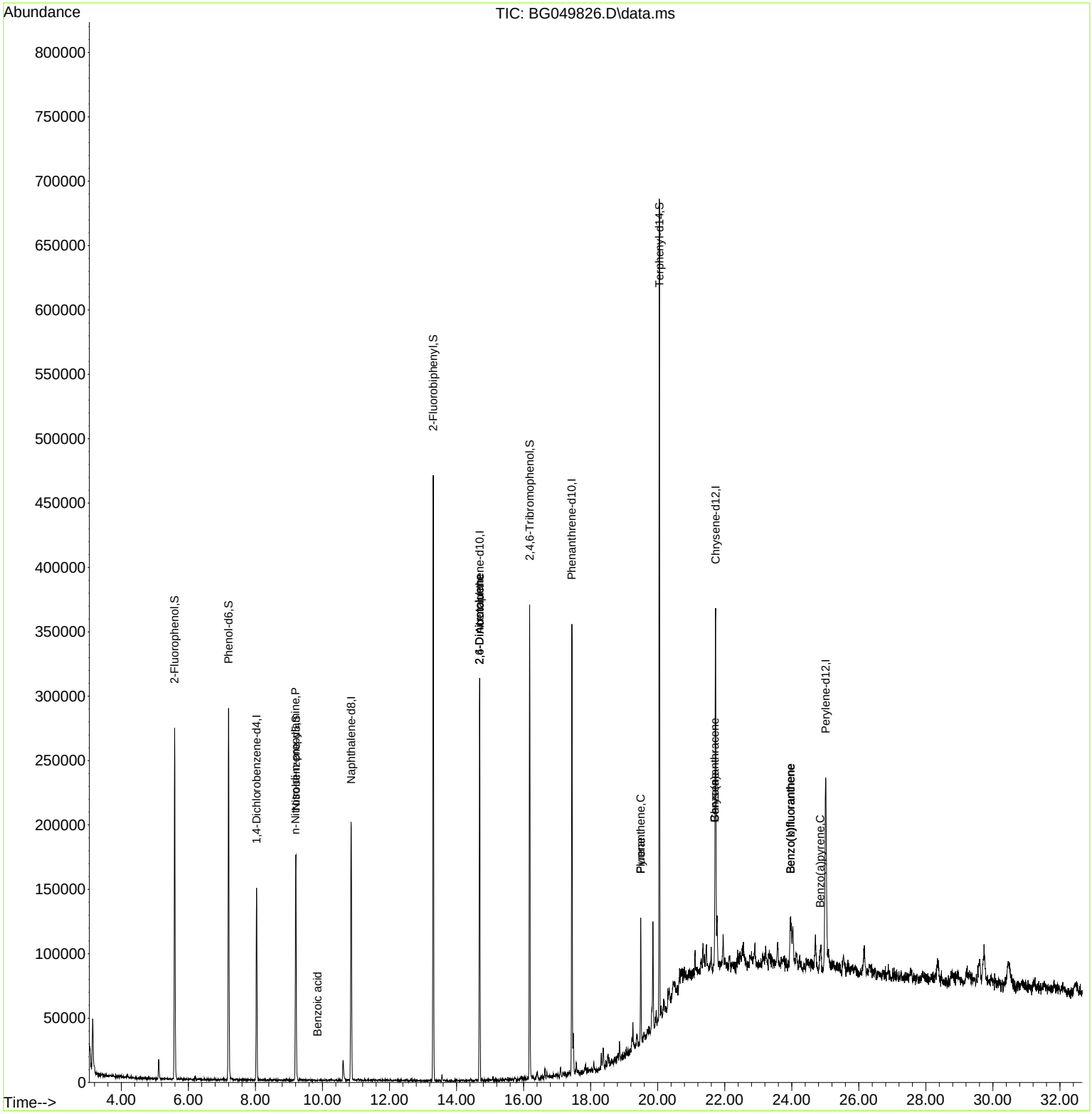
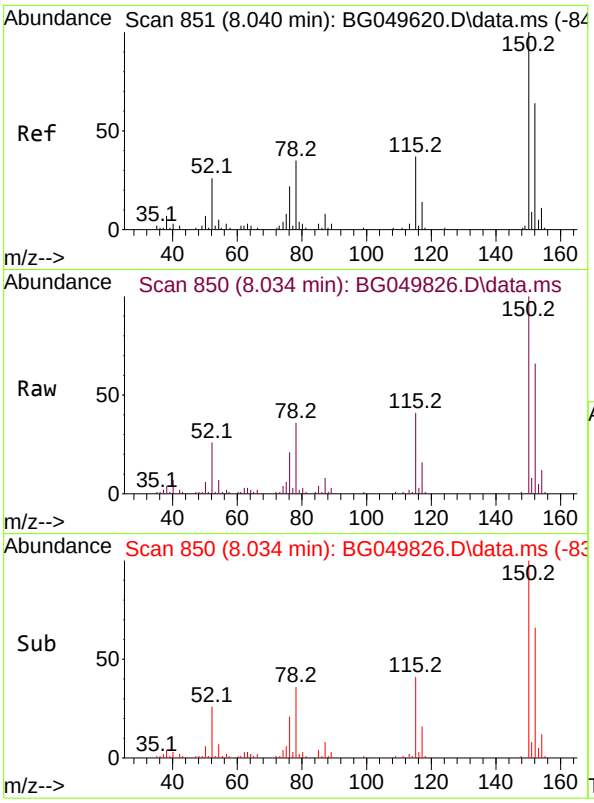
Quant Time: Aug 13 02:15:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration



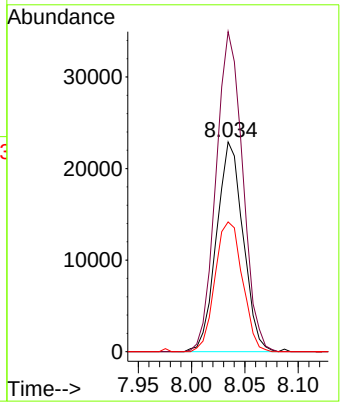
Instrument :
BNA_G
ClientSampleId :
VNJ-235

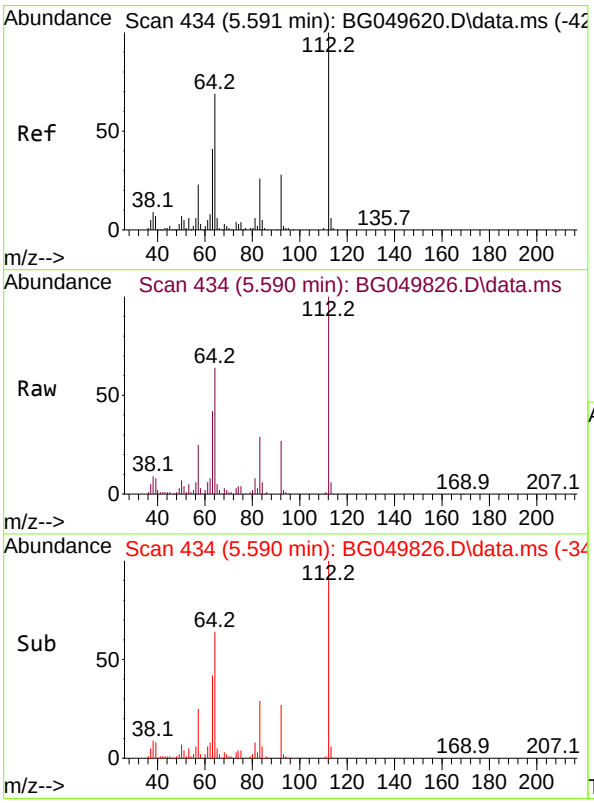


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.034 min Scan# 850
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:152 Resp: 39715

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.4	179.0
115	61.9	60.2	90.4

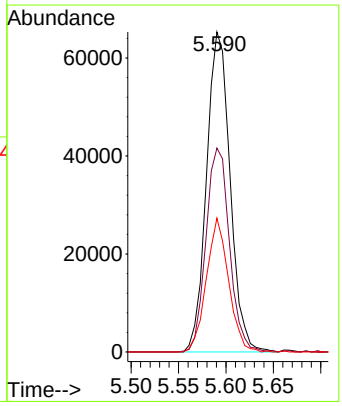




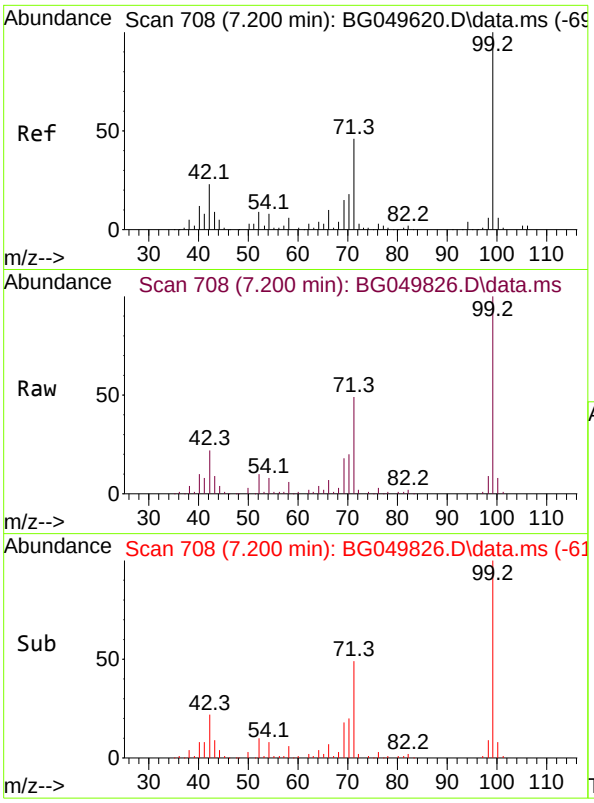
#5
2-Fluorophenol
Concen: 50.95 ng
RT: 5.590 min Scan# 434
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:112 Resp: 112875

Ion	Ratio	Lower	Upper
112	100		
64	63.7	46.7	70.1
63	41.8	35.3	52.9



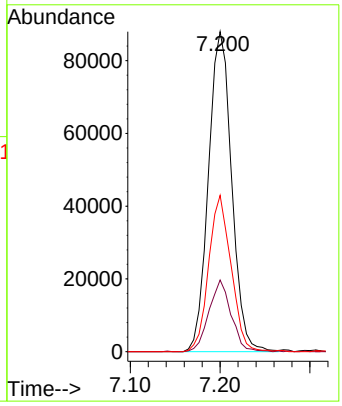
Instrument :
BNA_G
ClientSampleId :
VNJ-235

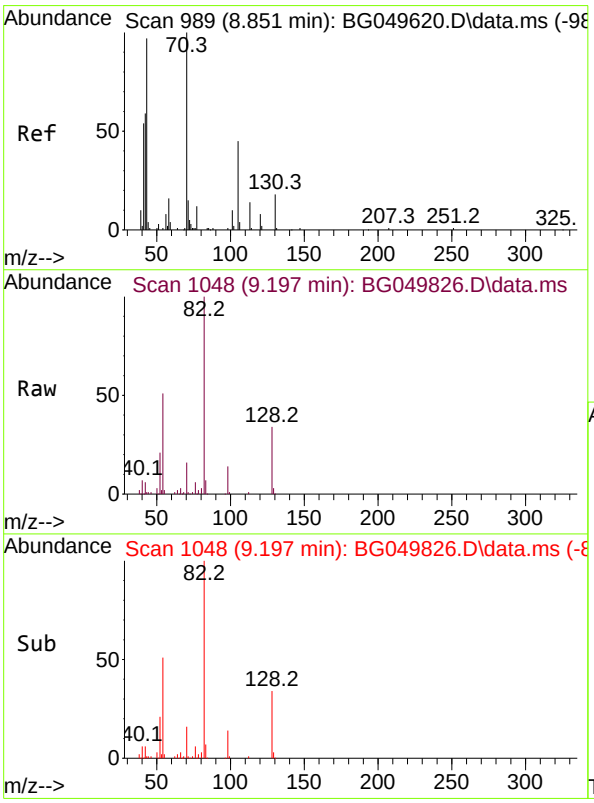


#7
Phenol-d6
Concen: 47.10 ng
RT: 7.200 min Scan# 708
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion: 99 Resp: 157946

Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.5	30.7
71	48.8	41.5	62.3

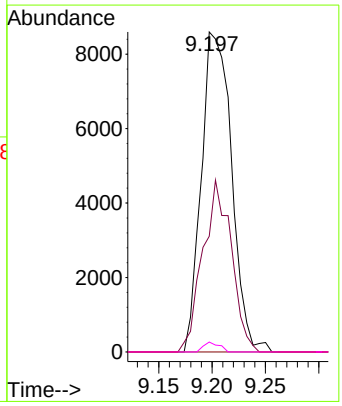




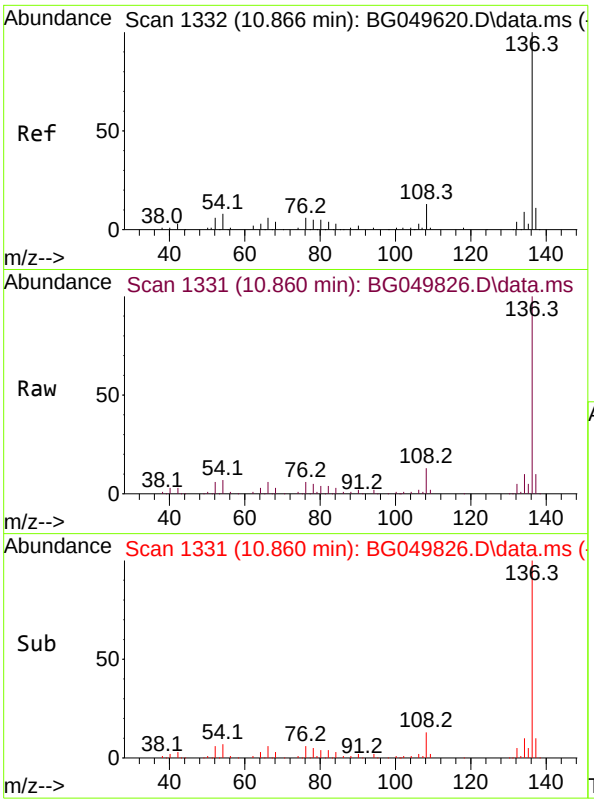
#19
n-Nitroso-di-n-propylamine
Concen: 7.55 ng
RT: 9.197 min Scan# 1048
Delta R.T. 0.346 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion: 70 Resp: 16941

Ion	Ratio	Lower	Upper
70	100		
42	36.2	54.5	81.7#
101	0.0	9.0	13.6#
130	3.1	17.0	25.6#



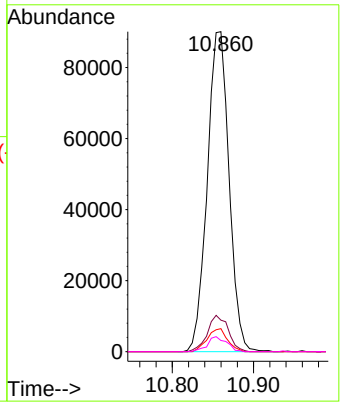
Instrument :
BNA_G
ClientSampleId :
VNJ-235

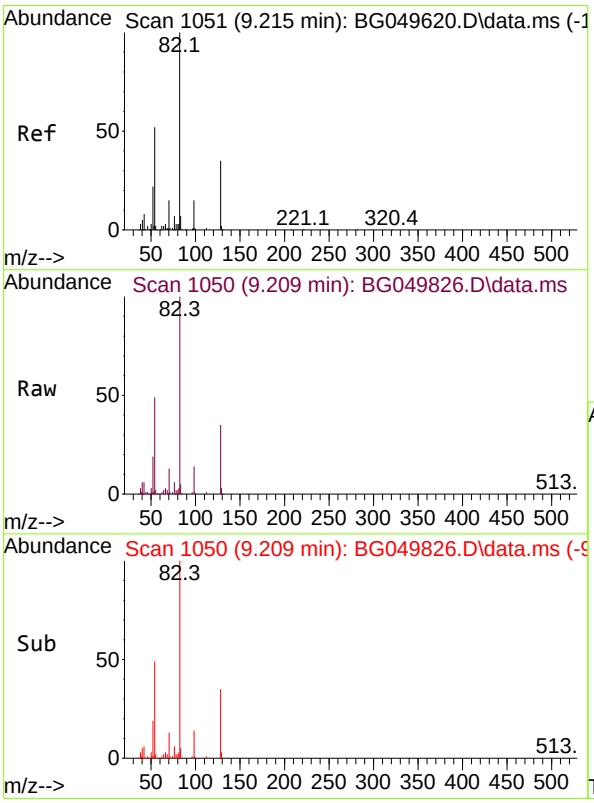


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.860 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:136 Resp: 167531

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.2	12.2
54	7.2	5.5	8.3
68	3.5	2.3	3.5#

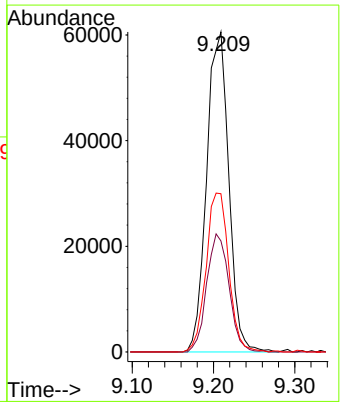




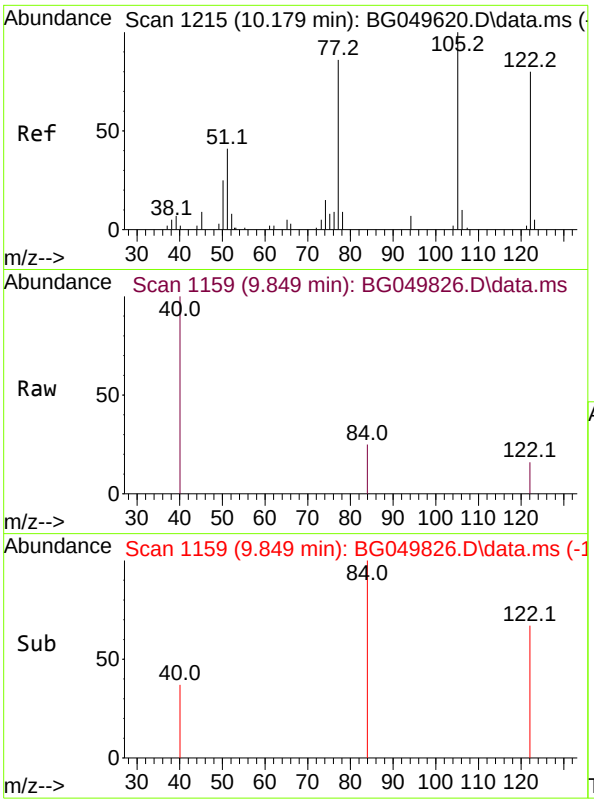
#23
Nitrobenzene-d5
Concen: 30.25 ng
RT: 9.209 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion: 82 Resp: 114513

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.8	44.6
54	49.4	45.8	68.8



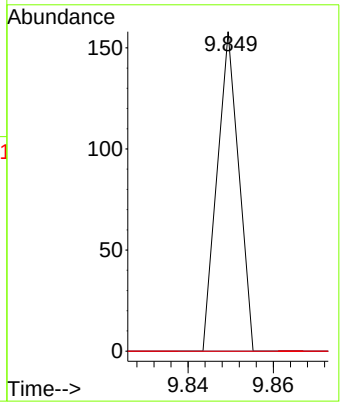
Instrument :
BNA_G
ClientSampleId :
VNJ-235

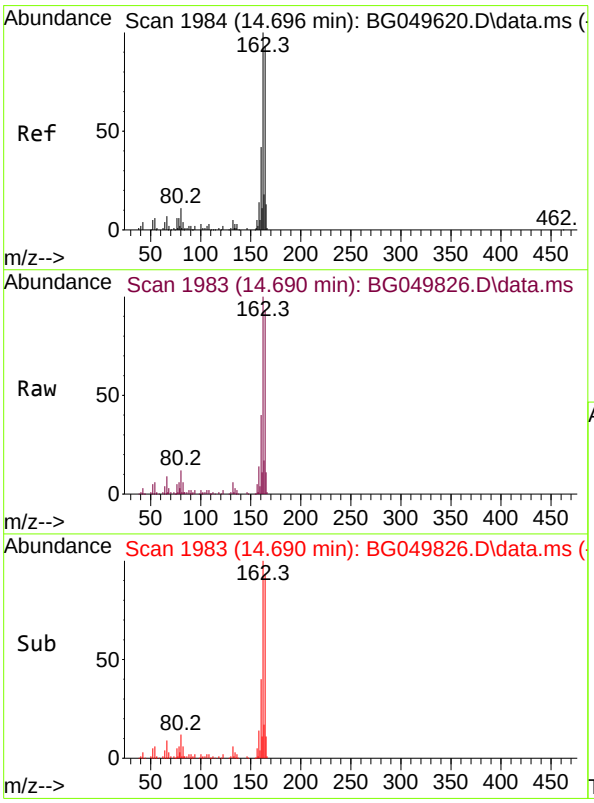


#32
Benzoic acid
Concen: 4.98 ng
RT: 9.849 min Scan# 1159
Delta R.T. -0.330 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	92.3	132.3#
77	0.0	66.5	106.5#

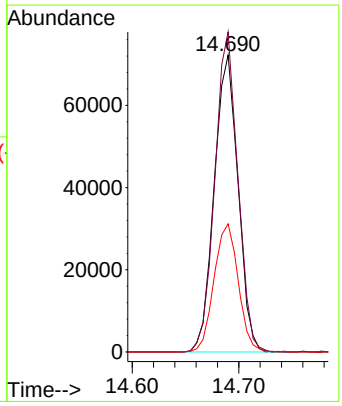




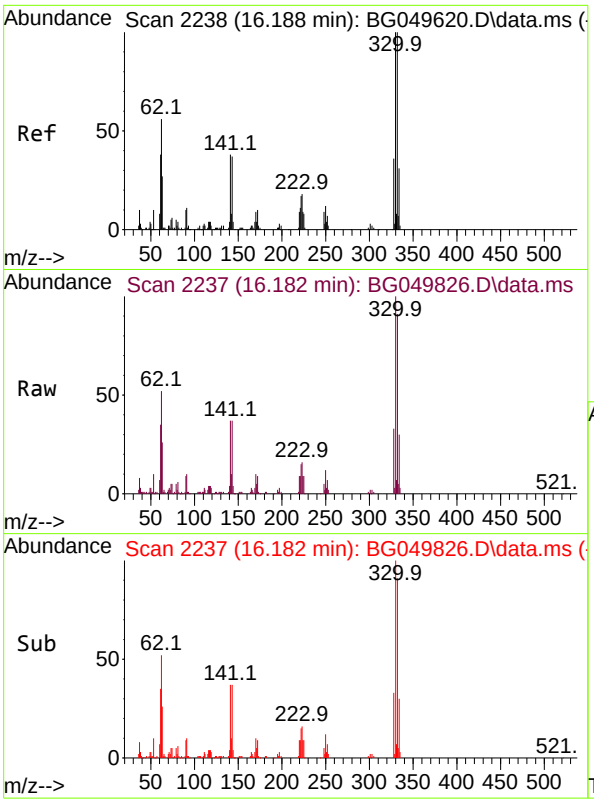
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.690 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:164 Resp: 111942

Ion	Ratio	Lower	Upper
164	100		
162	107.8	81.4	122.0
160	43.1	34.9	52.3



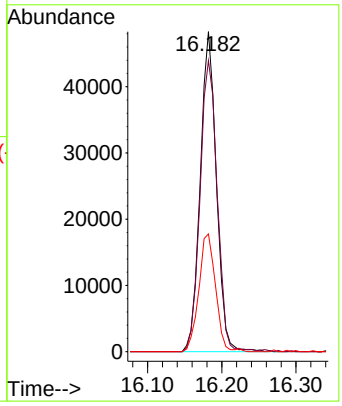
Instrument :
BNA_G
ClientSampleId :
VNJ-235

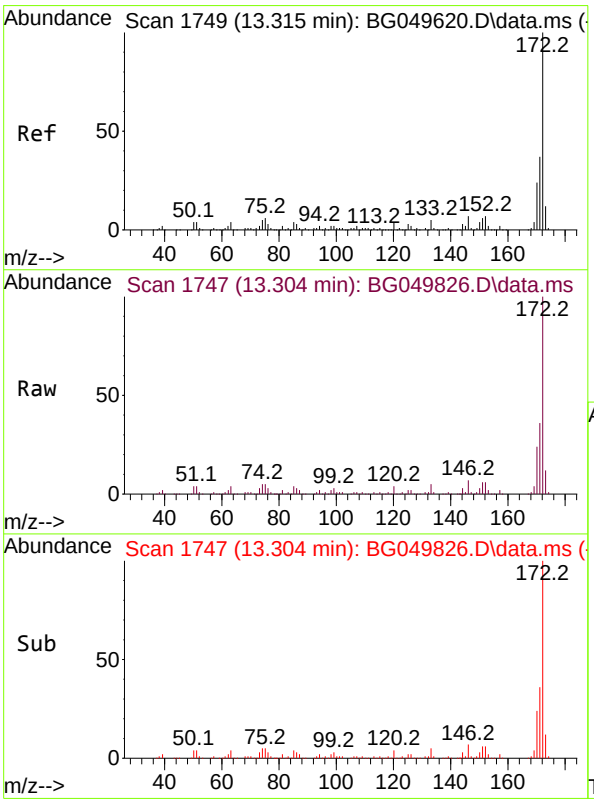


#42
2,4,6-Tribromophenol
Concen: 44.40 ng
RT: 16.182 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:330 Resp: 73055

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	38.1	35.6	53.4

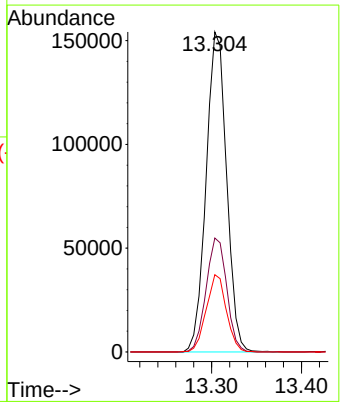




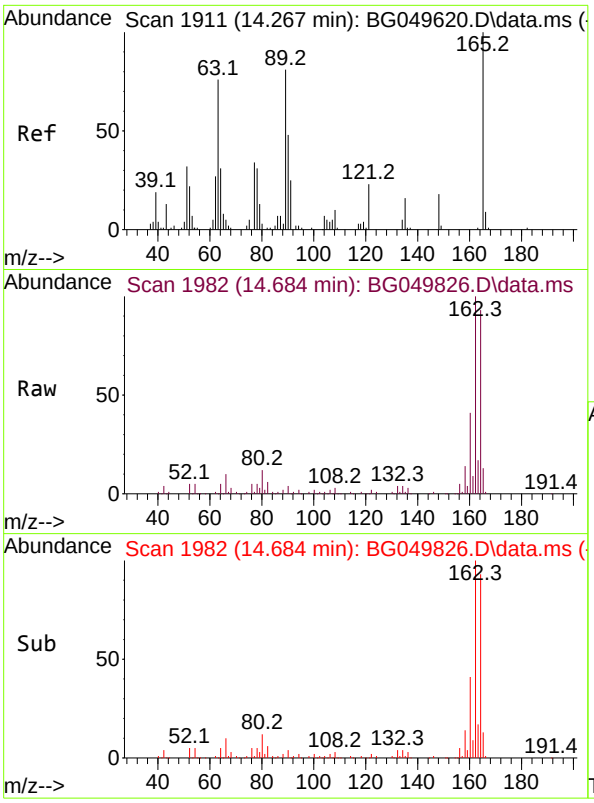
#45
2-Fluorobiphenyl
Concen: 31.70 ng
RT: 13.304 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:172 Resp: 243890

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.1	18.6	27.8



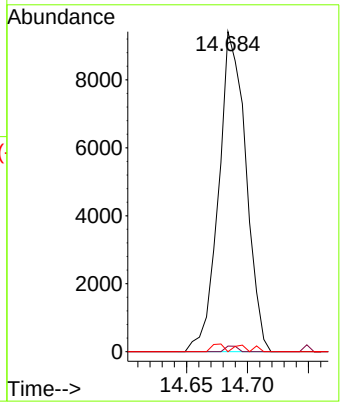
Instrument :
BNA_G
ClientSampleId :
VNJ-235

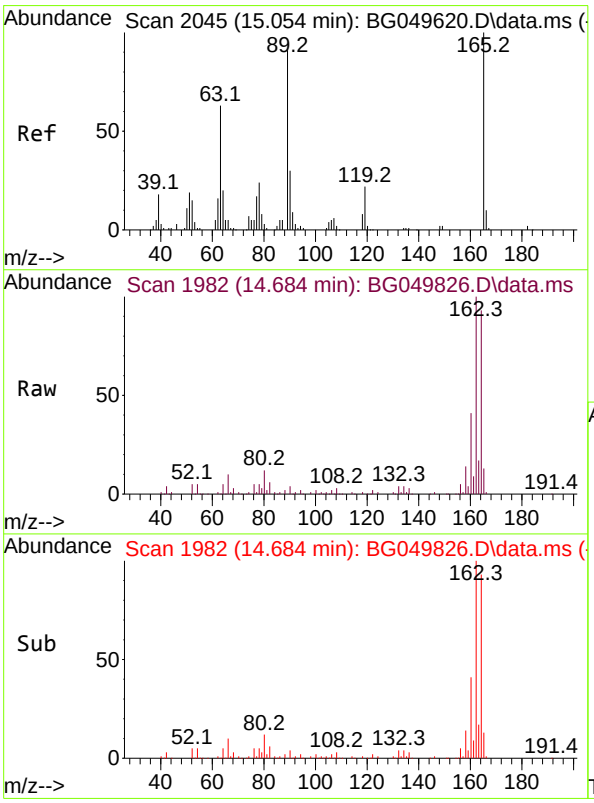


#51
2,6-Dinitrotoluene
Concen: 7.87 ng
RT: 14.684 min Scan# 1982
Delta R.T. 0.417 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:165 Resp: 14631

Ion	Ratio	Lower	Upper
165	100		
63	1.7	63.3	94.9#
89	0.0	63.4	95.0#

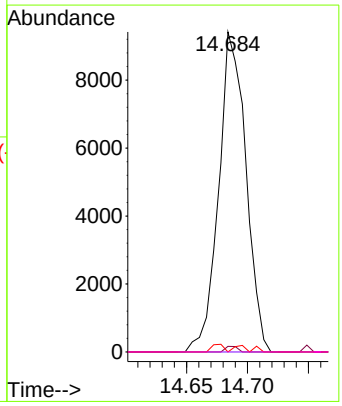




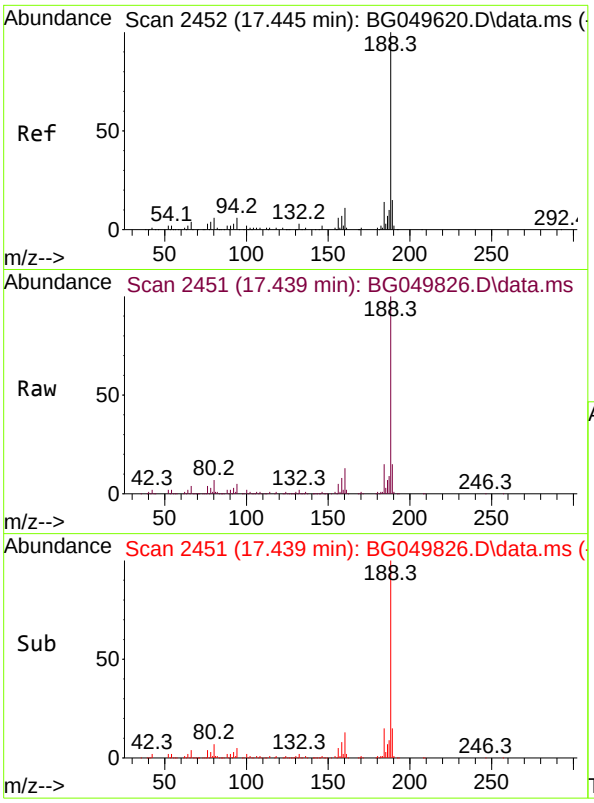
#57
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 14.684 min Scan# 1982
Delta R.T. -0.370 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:165 Resp: 14631

Ion	Ratio	Lower	Upper
165	100		
63	1.7	48.0	72.0#
89	0.0	65.4	98.0#
182	0.0	2.0	3.0#



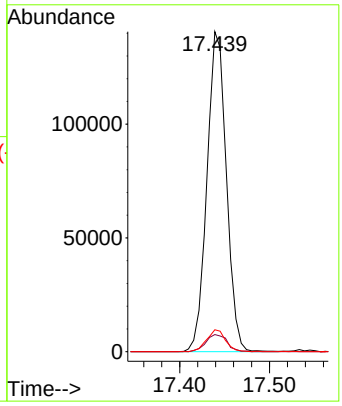
Instrument :
BNA_G
ClientSampleId :
VNJ-235

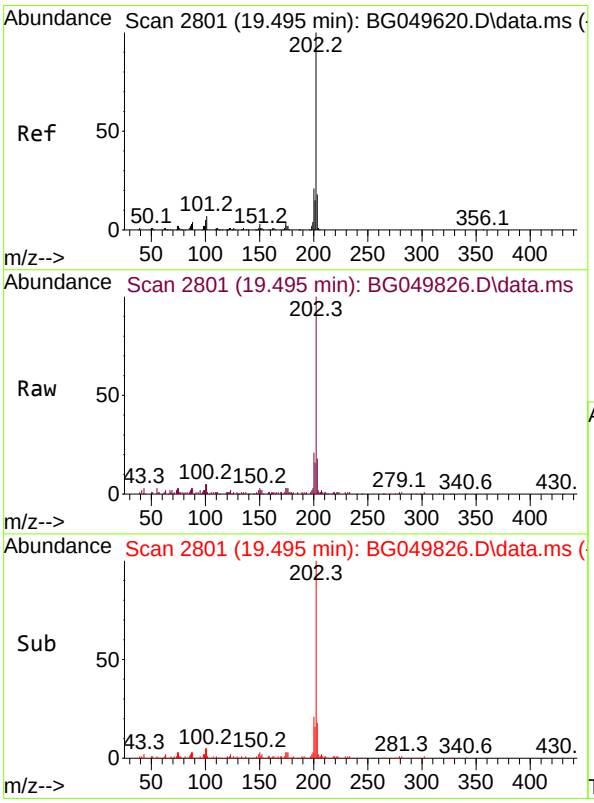


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.439 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:188 Resp: 211423

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.4	8.0
80	6.8	3.7	5.5#

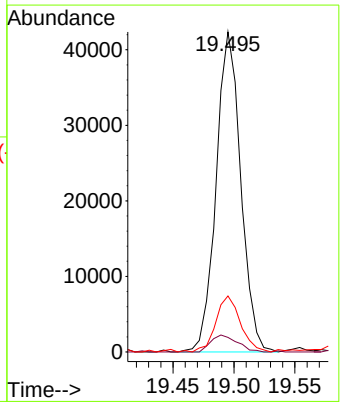




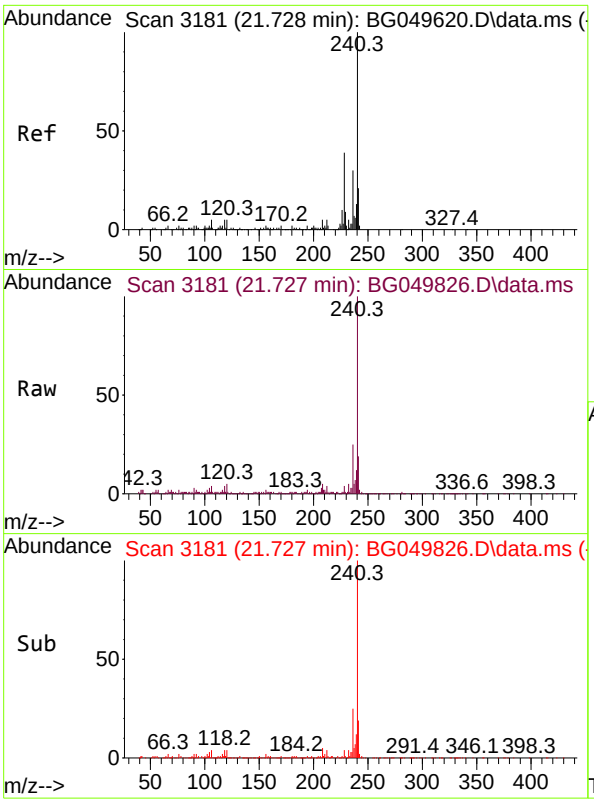
#75
Fluoranthene
Concen: 4.35 ng
RT: 19.495 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:202 Resp: 59551

Ion	Ratio	Lower	Upper
202	100		
101	4.6	0.0	24.7
203	17.5	0.0	38.5



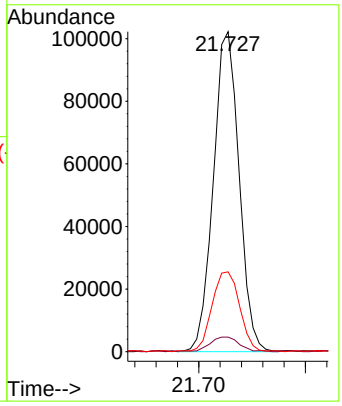
Instrument :
BNA_G
ClientSampleId :
VNJ-235

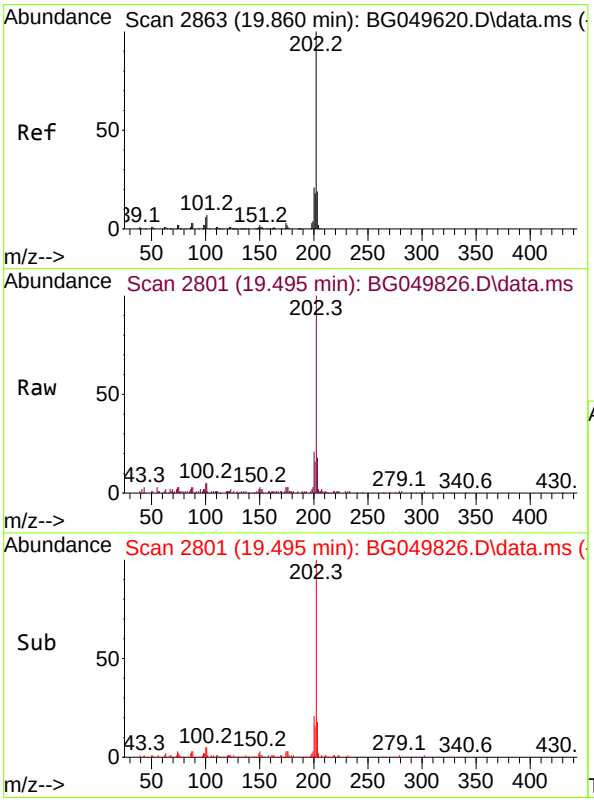


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.727 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:240 Resp: 170975

Ion	Ratio	Lower	Upper
240	100		
120	4.5	4.2	6.2
236	24.9	21.8	32.6

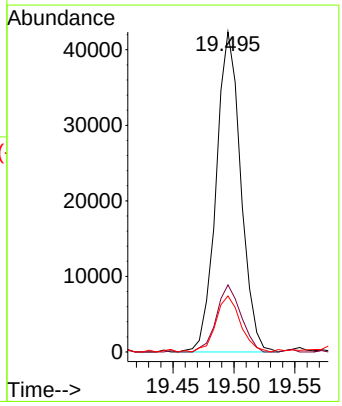




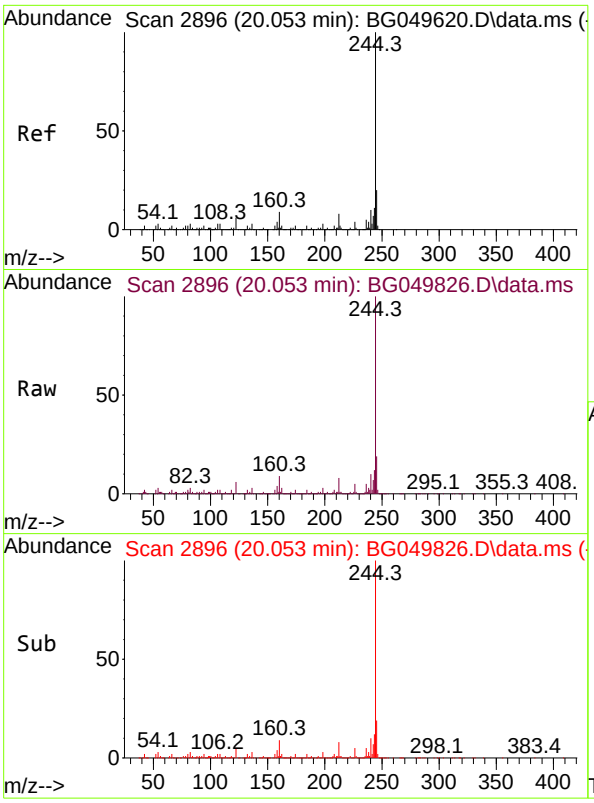
#78
Pyrene
Concen: 5.11 ng
RT: 19.495 min Scan# 2801
Delta R.T. -0.364 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:202 Resp: 59551

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.8	23.8
203	17.5	14.6	21.8



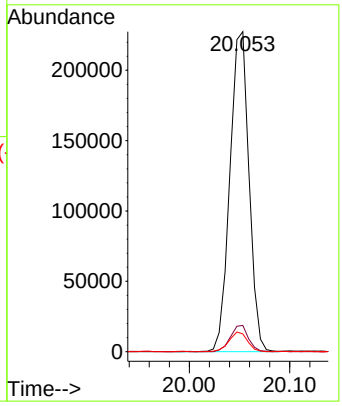
Instrument :
BNA_G
ClientSampleId :
VNJ-235

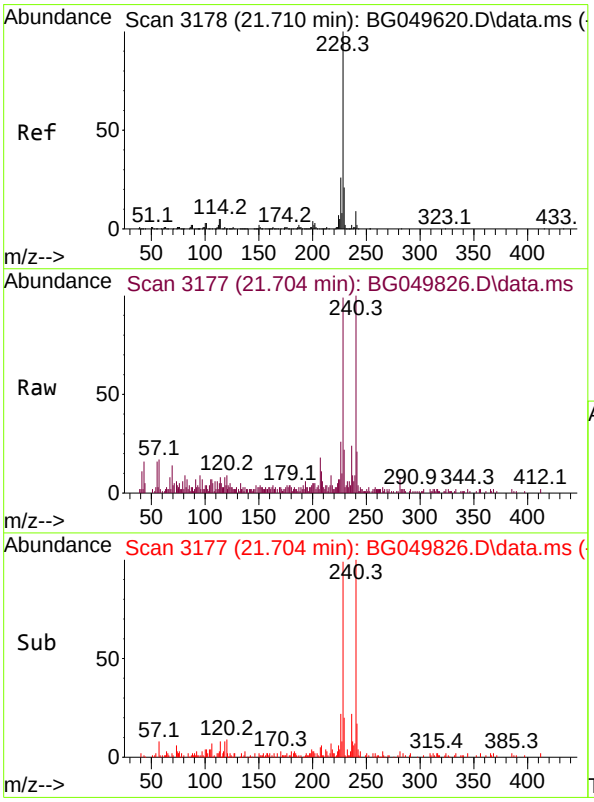


#79
Terphenyl-d14
Concen: 31.93 ng
RT: 20.053 min Scan# 2896
Delta R.T. -0.000 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:244 Resp: 300628

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	5.6	5.0	7.6

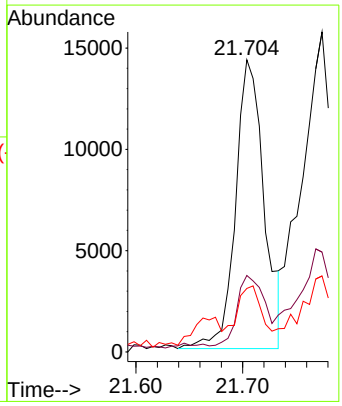




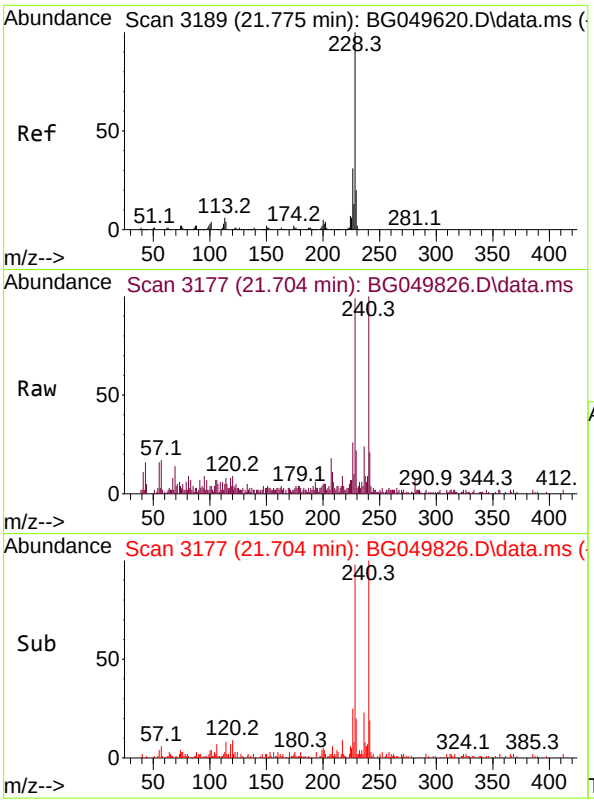
#81
Benzo(a)anthracene
Concen: 2.39 ng
RT: 21.704 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:228 Resp: 26559

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.7	34.1
229	21.7	16.0	24.0



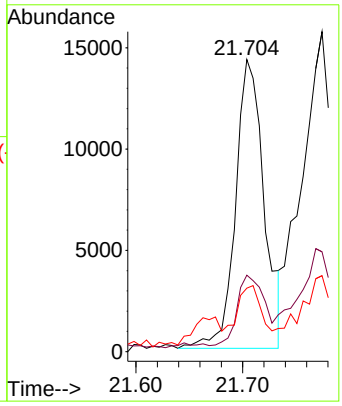
Instrument :
BNA_G
ClientSampleId :
VNJ-235

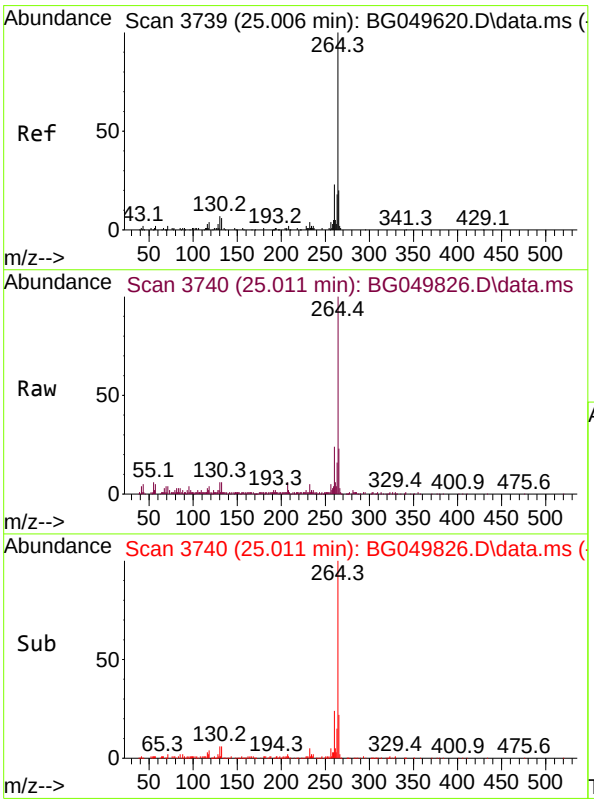


#83
Chrysene
Concen: 2.50 ng
RT: 21.704 min Scan# 3177
Delta R.T. -0.071 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:228 Resp: 26559

Ion	Ratio	Lower	Upper
228	100		
226	26.2	23.1	34.7
229	21.7	15.3	22.9

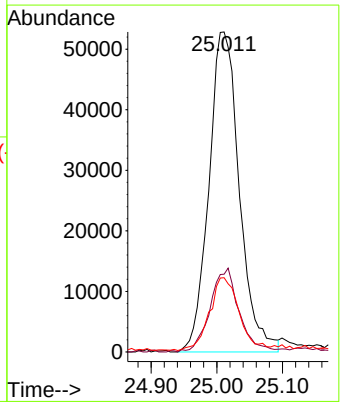




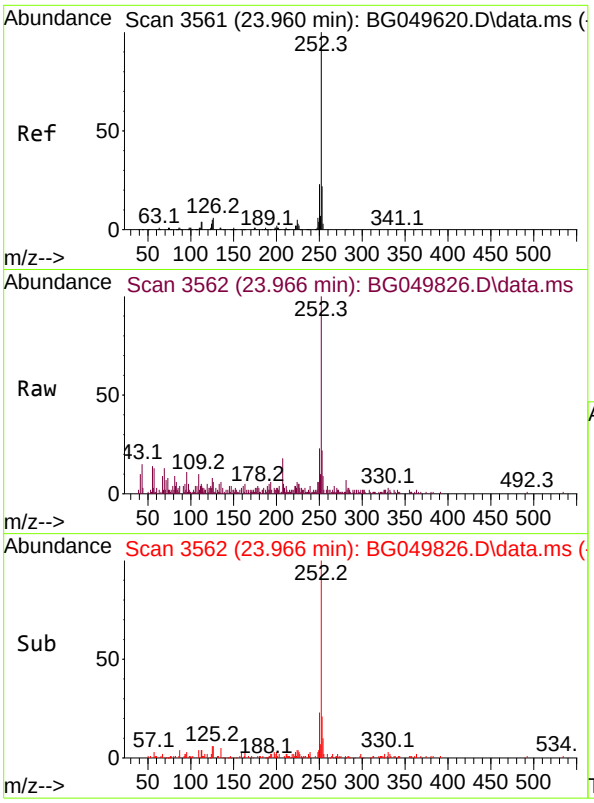
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.011 min Scan# 3740
Delta R.T. 0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:264 Resp: 170459

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	23.2	16.9	25.3



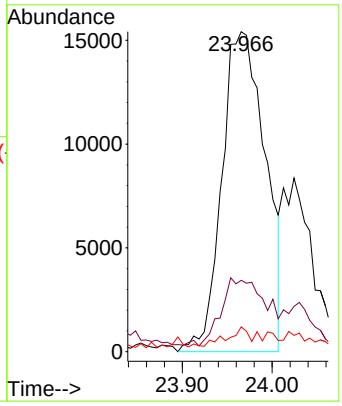
Instrument :
BNA_G
ClientSampleId :
VNJ-235

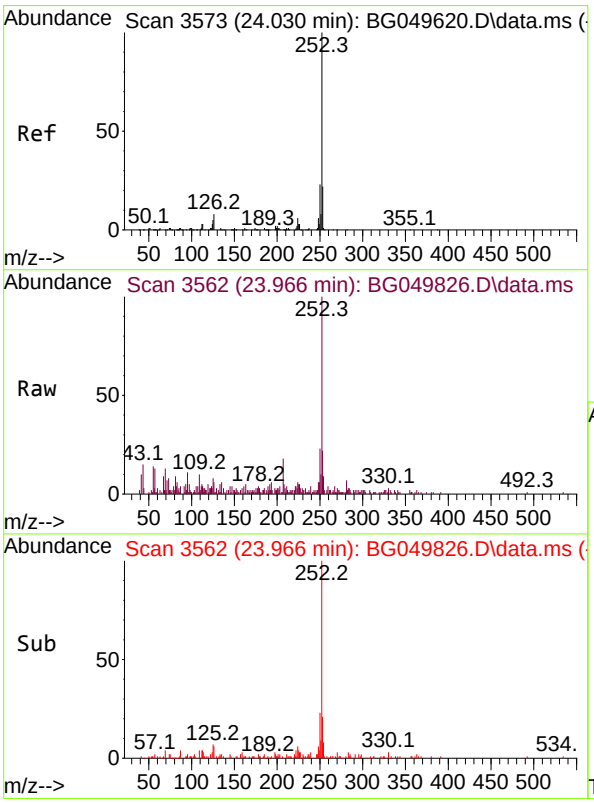


#88
Benzo(b)fluoranthene
Concen: 4.63 ng
RT: 23.966 min Scan# 3562
Delta R.T. 0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:252 Resp: 51717

Ion	Ratio	Lower	Upper
252	100		
253	22.3	16.2	24.4
125	7.8	3.0	4.4#

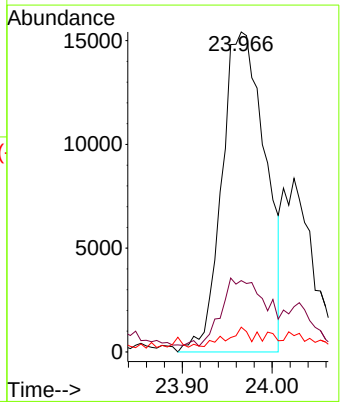


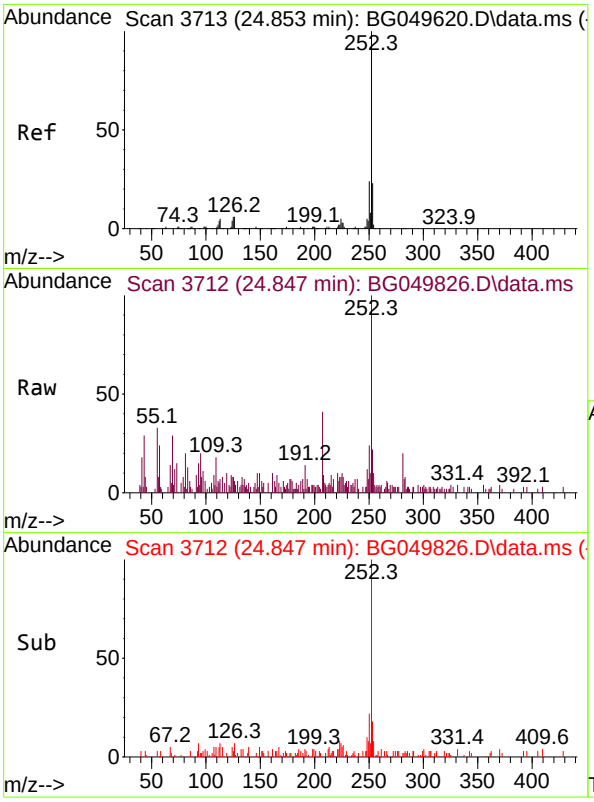


#89
Benzo(k)fluoranthene
Concen: 4.96 ng
RT: 23.966 min Scan# 3562
Delta R.T. -0.065 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:252 Resp: 51717

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	7.8	3.1	4.7#

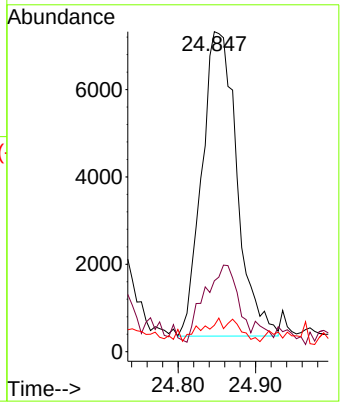




#90
Benzo(a)pyrene
Concen: 2.16 ng
RT: 24.847 min Scan# 3712
Delta R.T. -0.006 min
Lab File: BG049826.D
Acq: 12 Aug 2021 20:38

Tgt Ion:252 Resp: 21836

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	25.0
125	8.3	3.5	5.3#



Instrument :
BNA_G
ClientSampleId :
VNJ-235