Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
Data File : BG054809.D
Acq On : 31 Aug 2022 16:42
Operator : CG/JU
Sample : N4424-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Quant Time: Sep 01 05:03:55 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	8.147	152	47121	20.000	ng	0.00
21) Naphthalene-d8	10.974	136	203449	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	138873	20.000	ng	0.00
64) Phenanthrene-d10	17.531	188	295419	20.000	ng	0.00
76) Chrysene-d12	21.826	240	270250	20.000	ng	0.00
86) Perylene-d12	25.198	264	289338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	292068	107.934	ng	0.00
7) Phenol-d6	7.296	99	404881	109.408	ng	0.00
23) Nitrobenzene-d5	9.323	82	244707	63.142	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	178009	102.581	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	544943	58.979	ng	0.00
79) Terphenyl-d14	20.128	244	879520	64.484	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.323	70	30877	12.133	ng	# 79
31) Naphthalene	11.026	128	25345	2.322	ng	97
51) 2,6-Dinitrotoluene	14.781	165	18537	8.471	ng	# 22
56) 4-Nitrophenol	15.180	139	7566	3.991	ng	# 6
57) 2,4-Dinitrotoluene	14.781	165	18537	6.124	ng	# 20
58) Fluorene	15.827	166	25489	2.480	ng	98
67) 4-Bromophenyl-phenylether	16.267	248	11519	3.551	ng	# 1
71) Phenanthrene	17.572	178	243232	15.456	ng	99
72) Anthracene	17.660	178	68120	4.452	ng	96
75) Fluoranthene	19.581	202	921563	48.138	ng	99
78) Pyrene	19.940	202	724717	38.458	ng	99
81) Benzo(a)anthracene	21.802	228	217845	11.889	ng	99
83) Chrysene	21.873	228	205201	11.712	ng	98
87) Indeno(1,2,3-cd)pyrene	29.070	276	47933	2.182	ng	# 95
88) Benzo(b)fluoranthene	24.123	252	165776	9.133	ng	99
89) Benzo(k)fluoranthene	24.123	252	165776	9.075	ng	99
90) Benzo(a)pyrene	25.034	252	88519	5.708	ng	99
92) Benzo(g,h,i)perylene	30.280	276	46712	2.584	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083122\
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Acq On : 31 Aug 2022 16:42
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Sample : N4424-01
Misc :
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QLast Update : Thu Aug 25 17:50:55 2022
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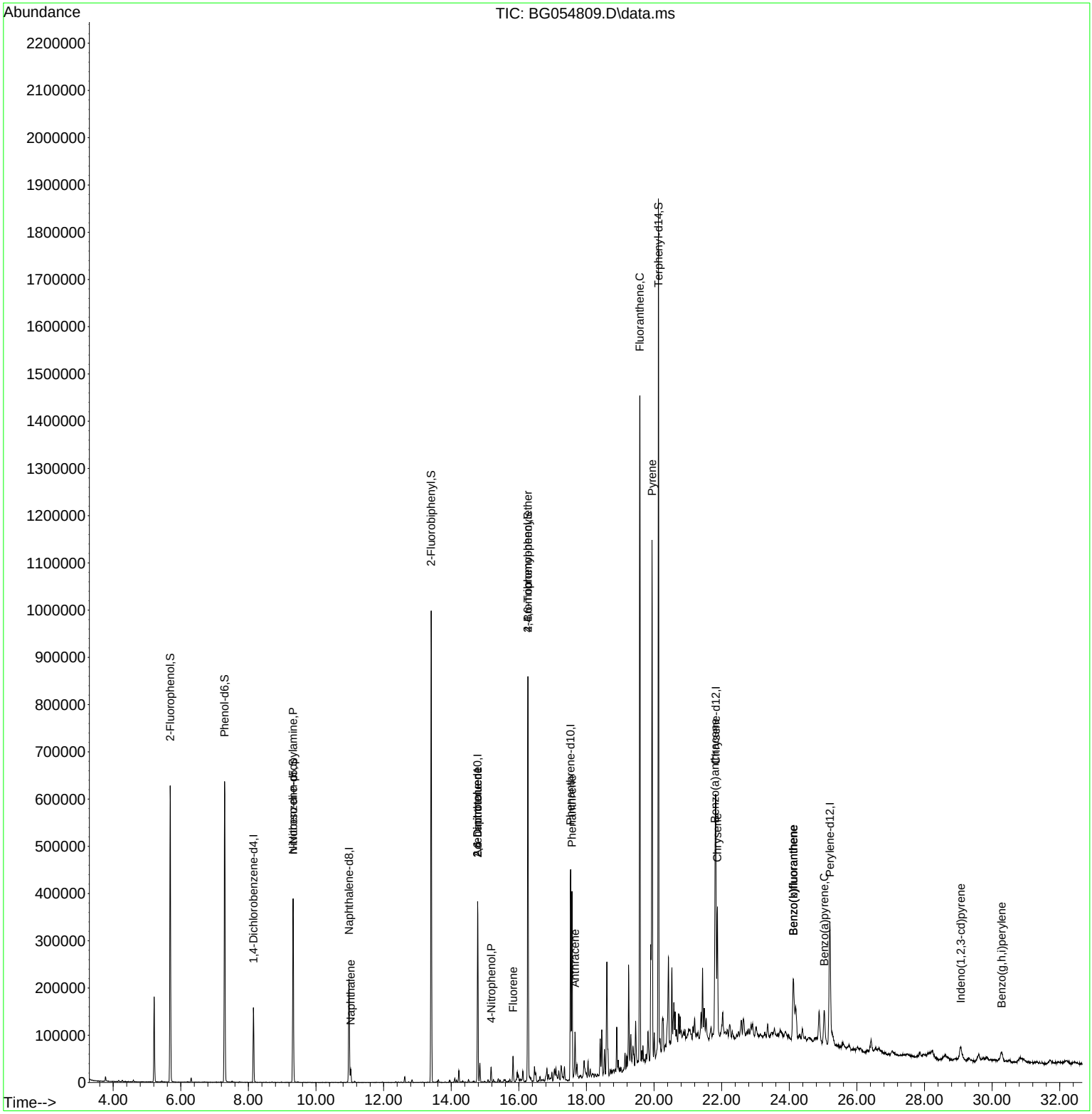
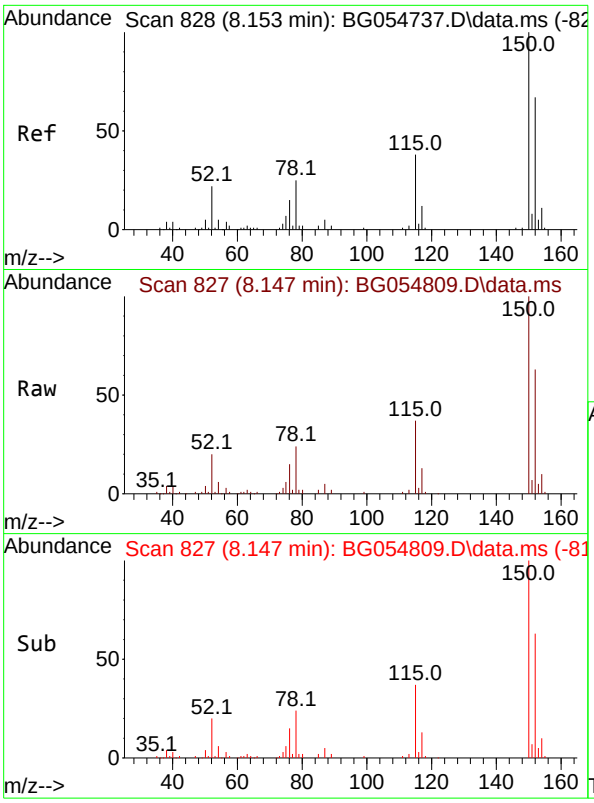


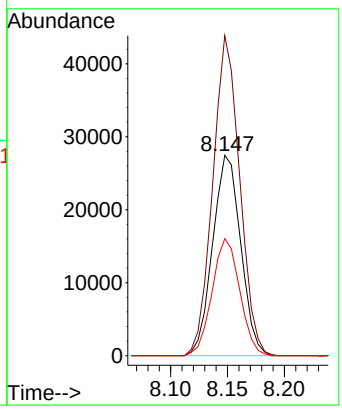


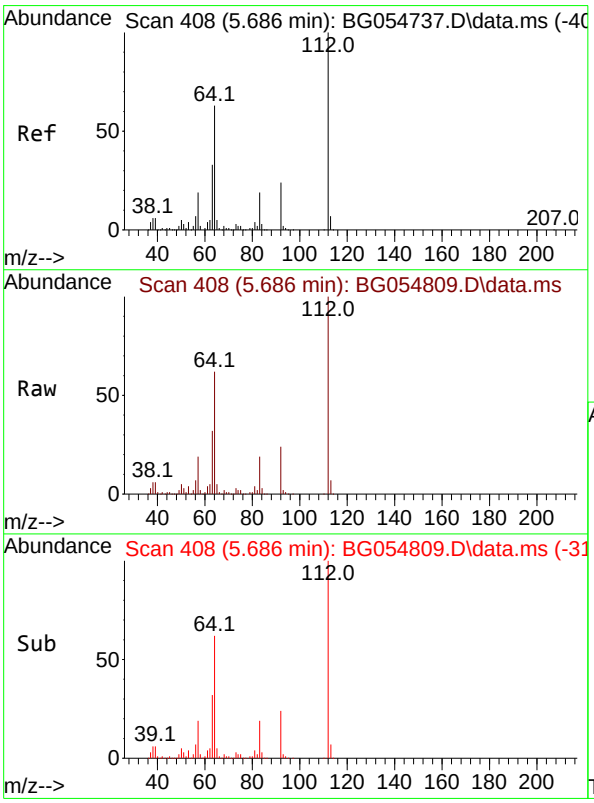
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:152 Resp: 47121

Ion	Ratio	Lower	Upper
152	100		
150	159.8	125.2	187.8
115	58.4	47.9	71.9

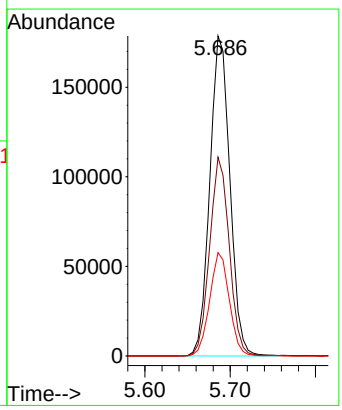


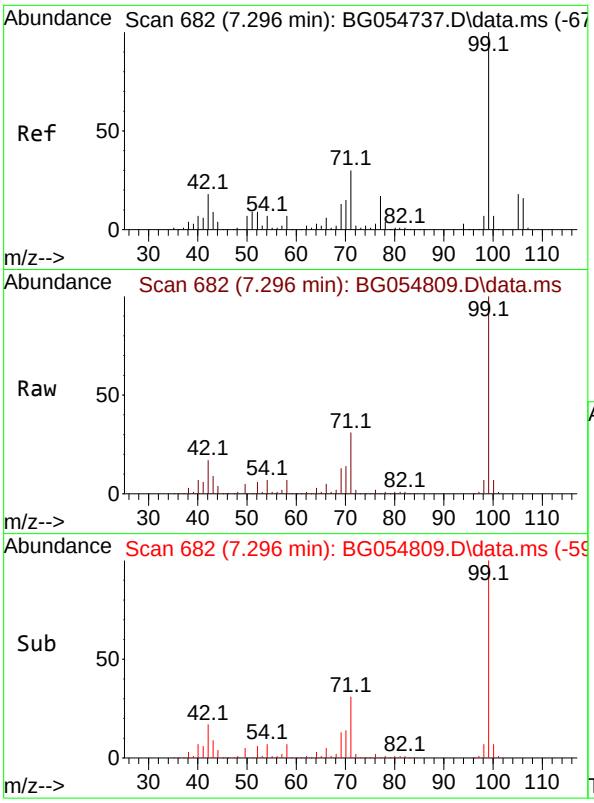


#5
2-Fluorophenol
Concen: 107.934 ng
RT: 5.686 min Scan# 408
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:112 Resp: 292068

Ion	Ratio	Lower	Upper
112	100		
64	62.1	49.3	73.9
63	32.3	26.3	39.5



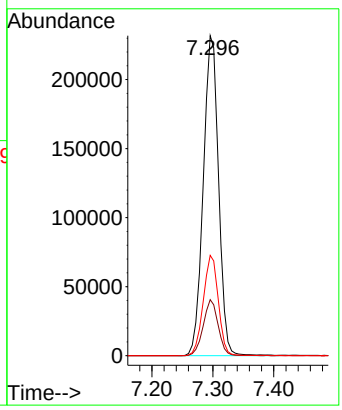


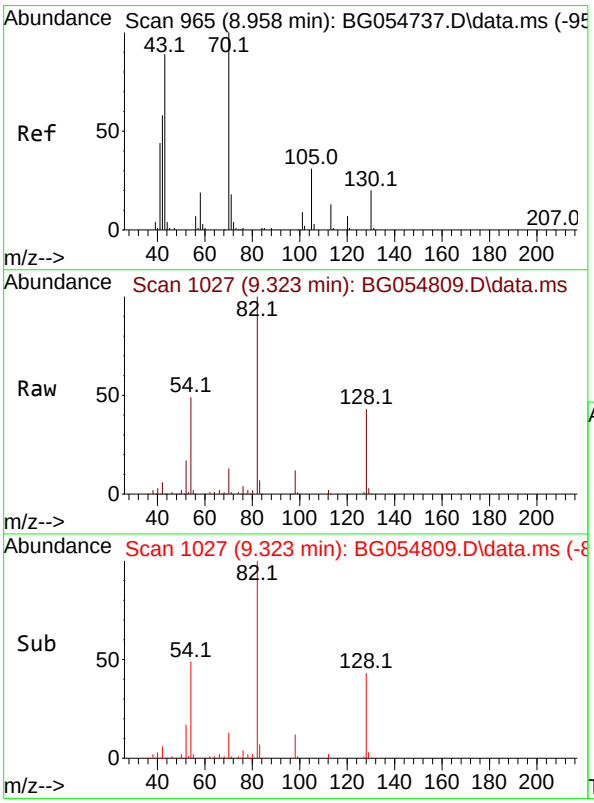
#7
Phenol-d6
Concen: 109.408 ng
RT: 7.296 min Scan# 6
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion: 99 Resp: 404881

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	22.0
71	31.3	24.6	37.0

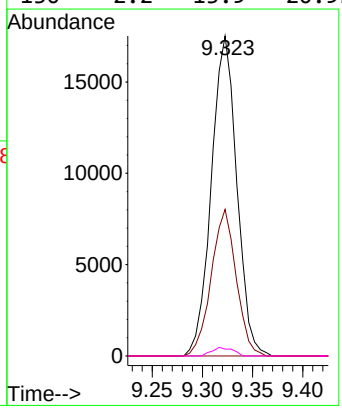


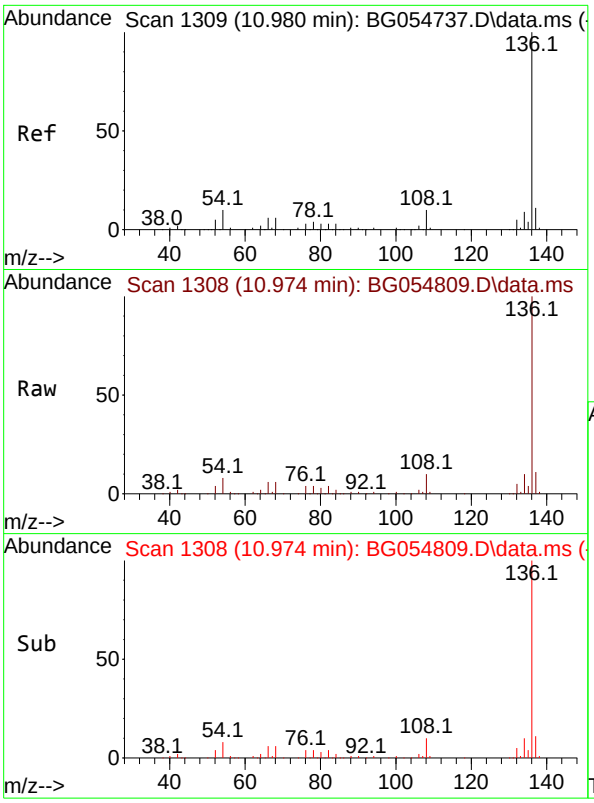


#19
n-Nitroso-di-n-propylamine
Concen: 12.133 ng
RT: 9.323 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion: 70 Resp: 30877

Ion	Ratio	Lower	Upper
70	100		
42	45.8	46.6	69.8#
101	0.0	7.7	11.5#
130	2.2	13.9	20.9#



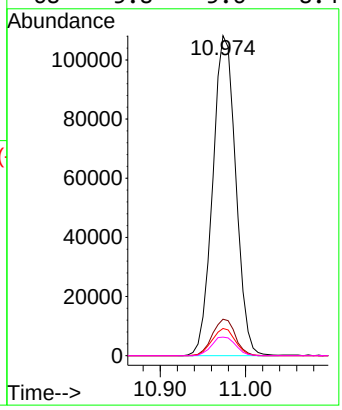


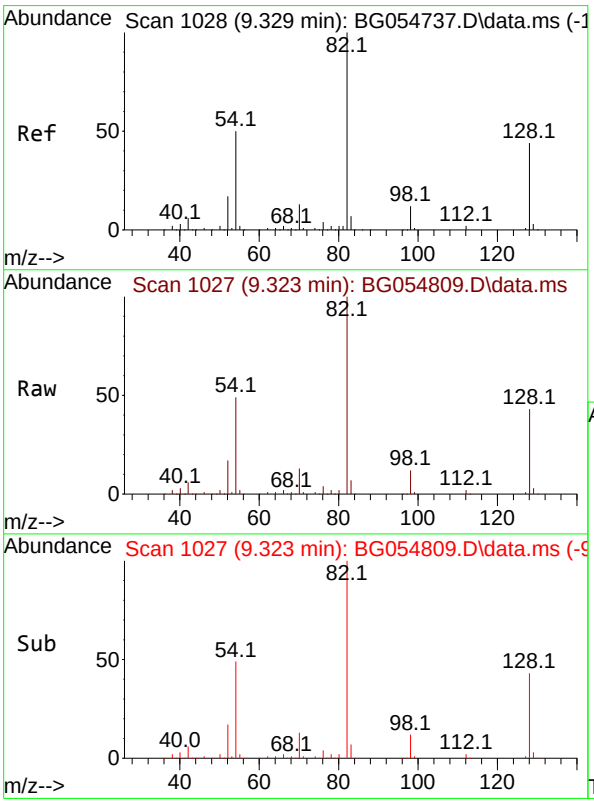
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.974 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:136 Resp: 203449

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.5	7.7	11.5
68	5.8	5.6	8.4

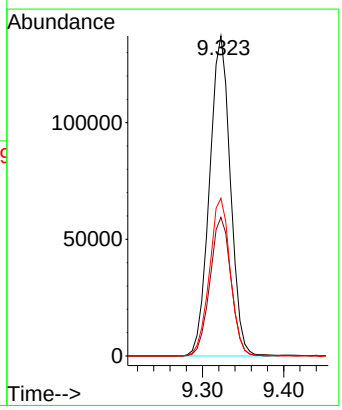


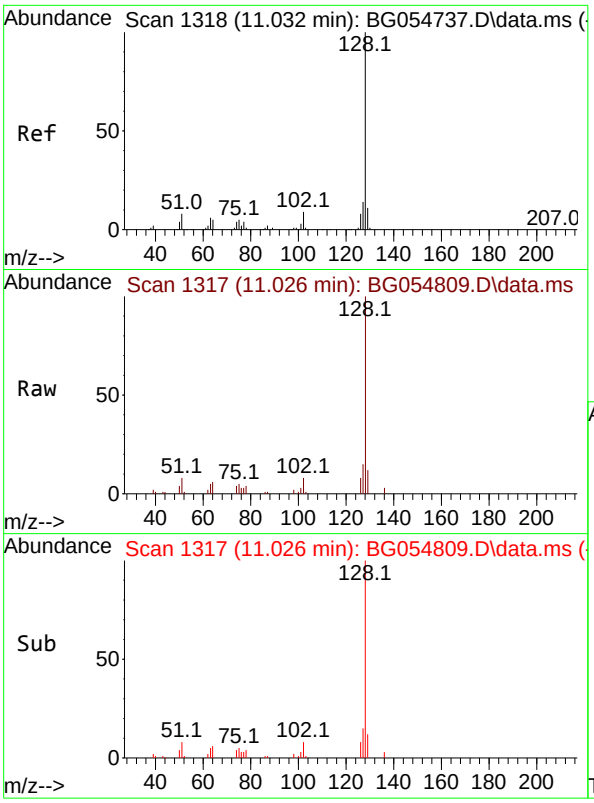


#23
Nitrobenzene-d5
Concen: 63.142 ng
RT: 9.323 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion: 82 Resp: 244707

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.2	48.2
54	49.2	41.4	62.0



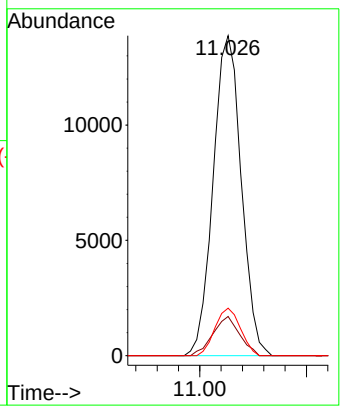


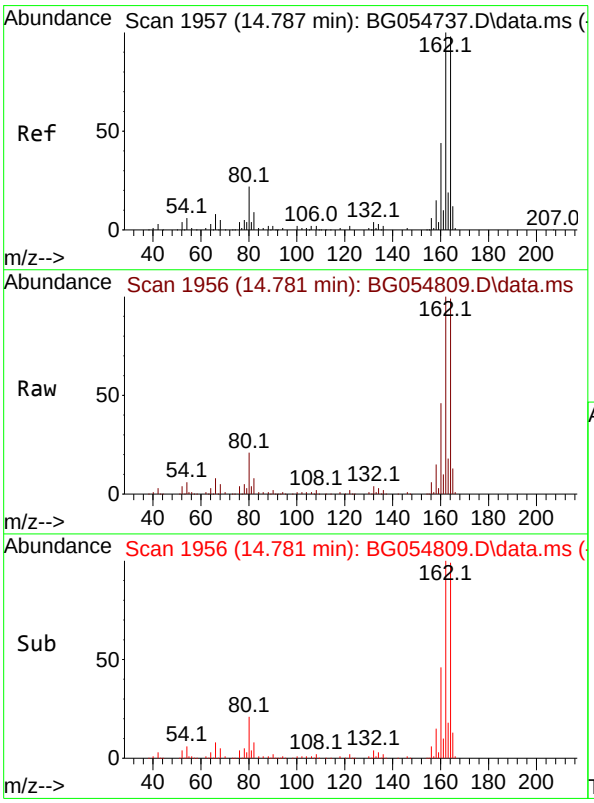
#31
Naphthalene
Concen: 2.322 ng
RT: 11.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:128 Resp: 25345

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.4
127	14.8	11.1	16.7

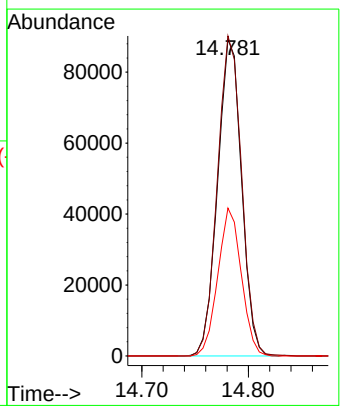


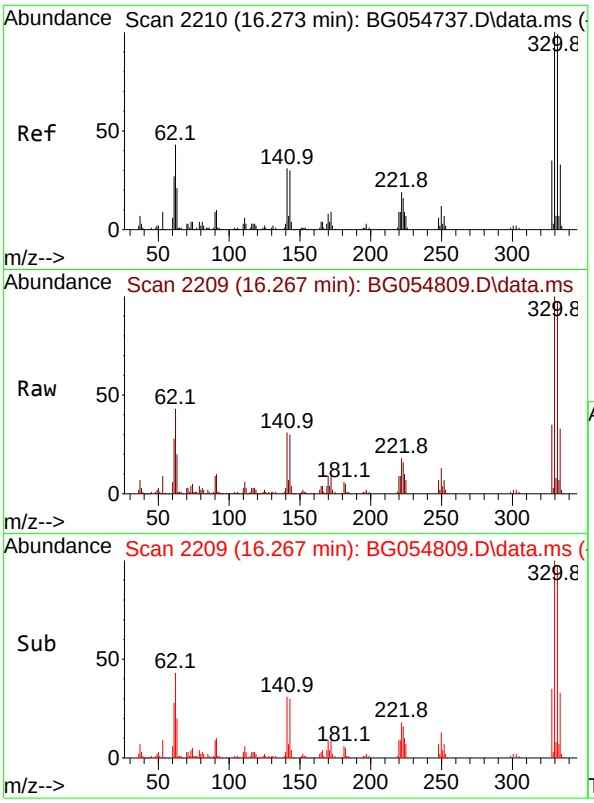


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:164 Resp: 138873

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.0	124.4
160	46.7	38.0	57.0



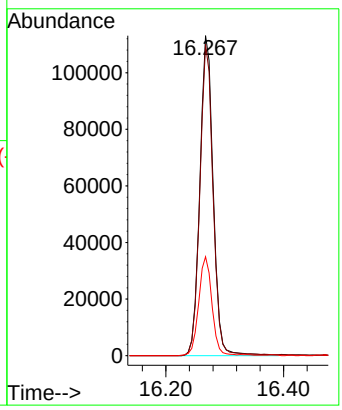


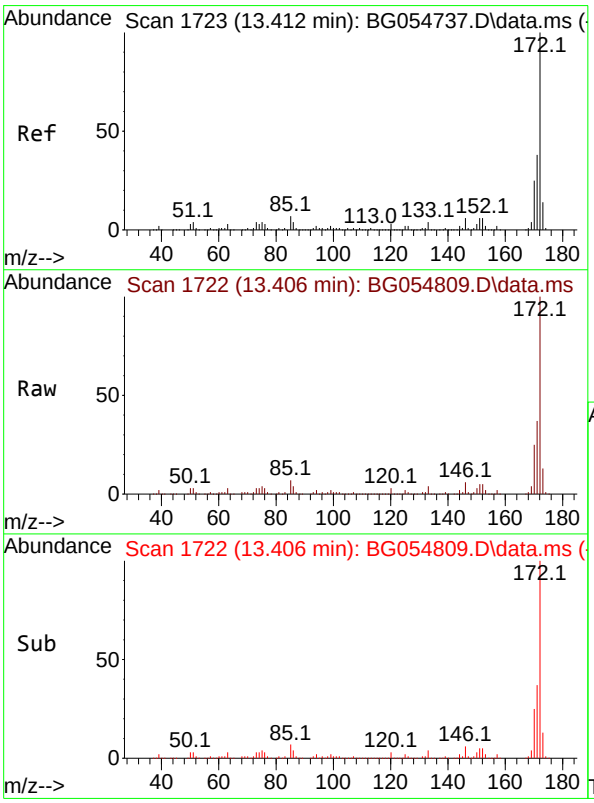
#42
2,4,6-Tribromophenol
Concen: 102.581 ng
RT: 16.267 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:330 Resp: 178009

Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.8	119.6
141	30.7	26.8	40.2

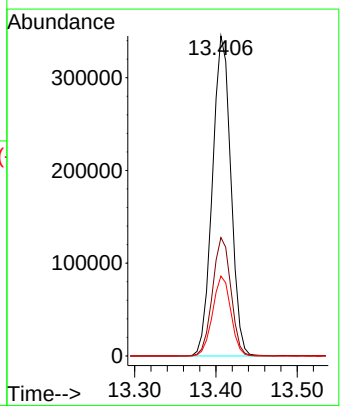


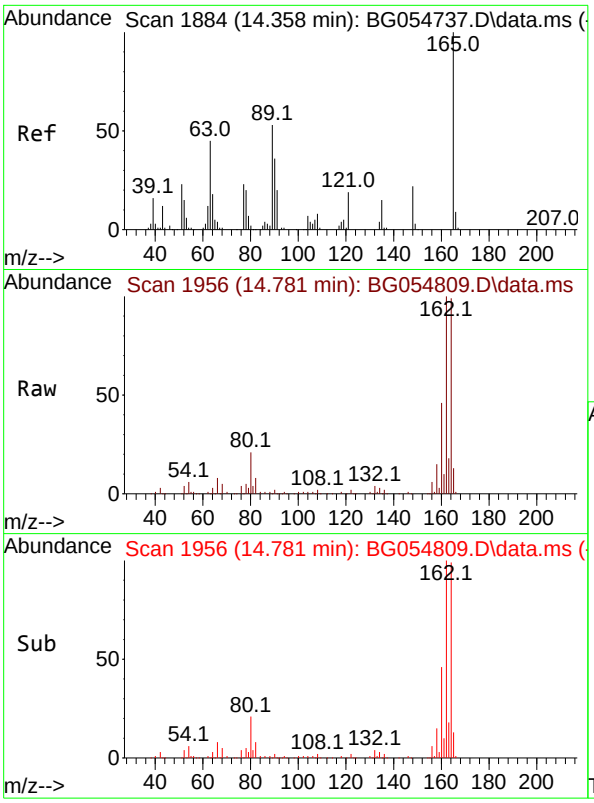


#45
2-Fluorobiphenyl
Concen: 58.979 ng
RT: 13.406 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:172 Resp: 544943

Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.2	46.8
170	25.0	20.6	30.8



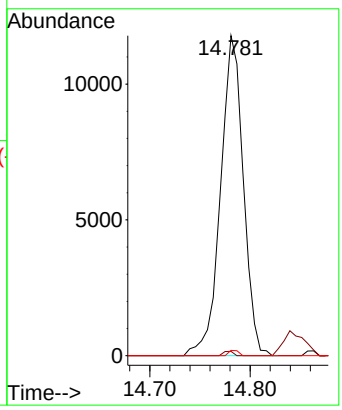


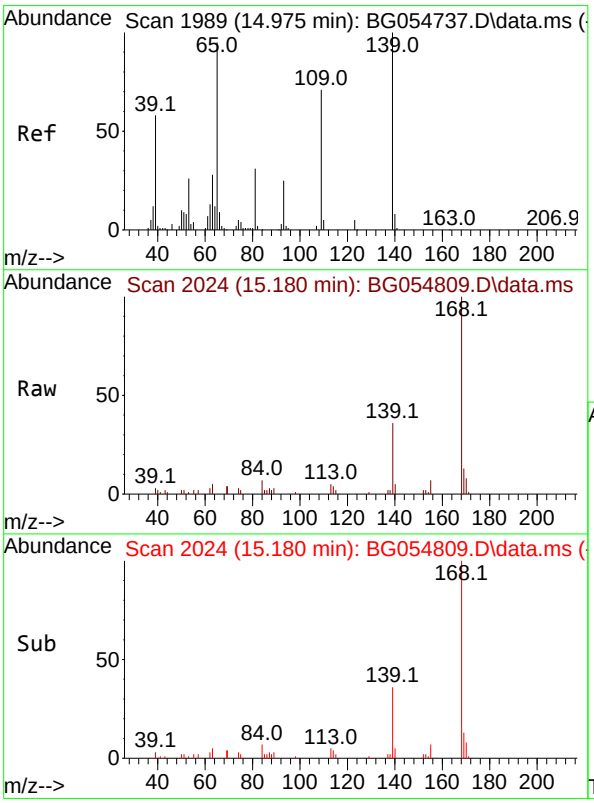
#51
2,6-Dinitrotoluene
Concen: 8.471 ng
RT: 14.781 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:165 Resp: 18537

Ion	Ratio	Lower	Upper
165	100		
63	1.3	46.0	69.0#
89	1.6	50.3	75.5#

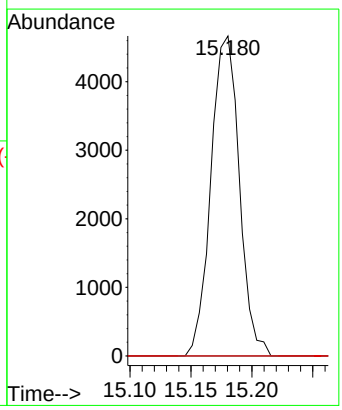


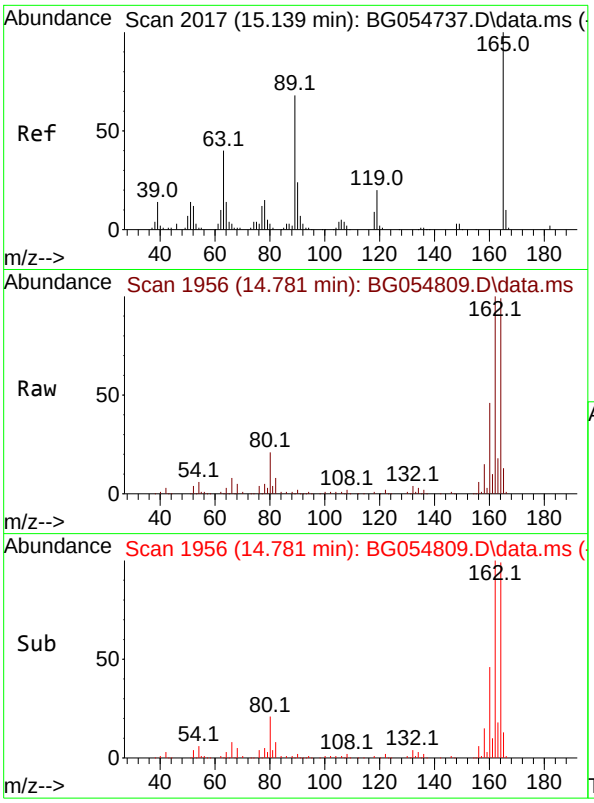


#56
4-Nitrophenol
Concen: 3.991 ng
RT: 15.180 min Scan# 2024
Delta R.T. 0.205 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:139 Resp: 7566

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



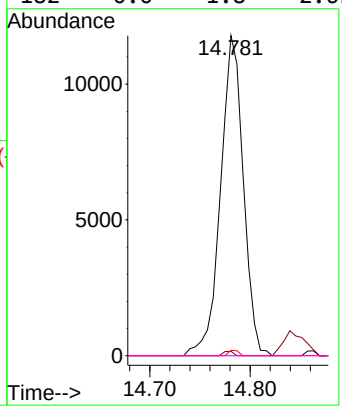


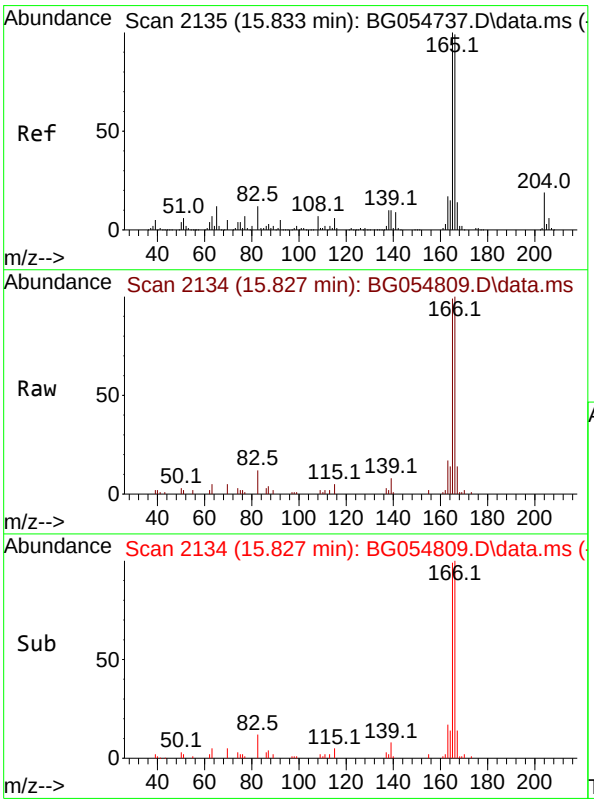
#57
2,4-Dinitrotoluene
Concen: 6.124 ng
RT: 14.781 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:165 Resp: 18537

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.8	55.2#
89	1.6	64.3	96.5#
182	0.0	1.8	2.6#

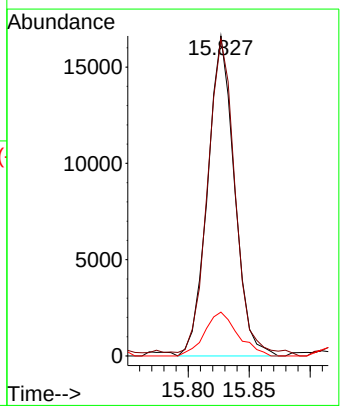


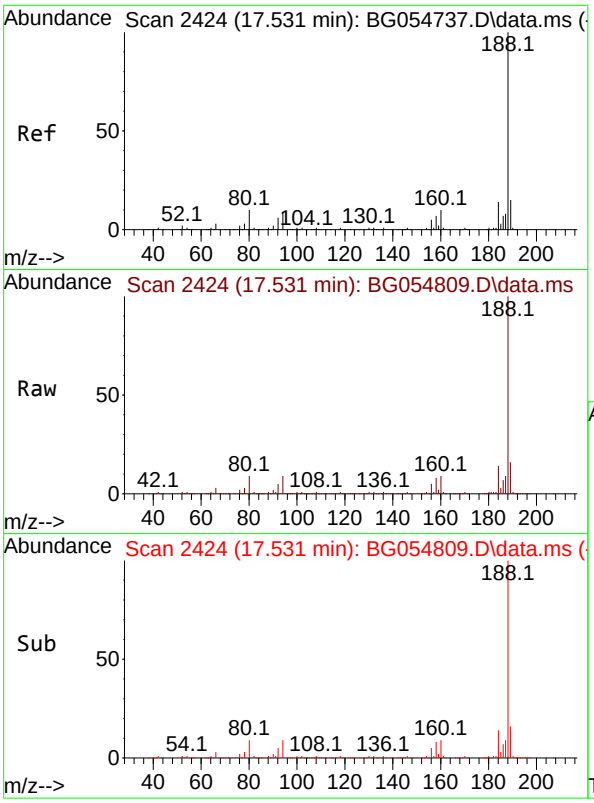


#58
Fluorene
Concen: 2.480 ng
RT: 15.827 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:166 Resp: 25489

Ion	Ratio	Lower	Upper
166	100		
165	99.0	80.8	121.2
167	13.7	11.4	17.0



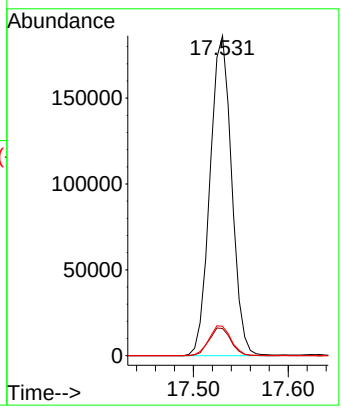


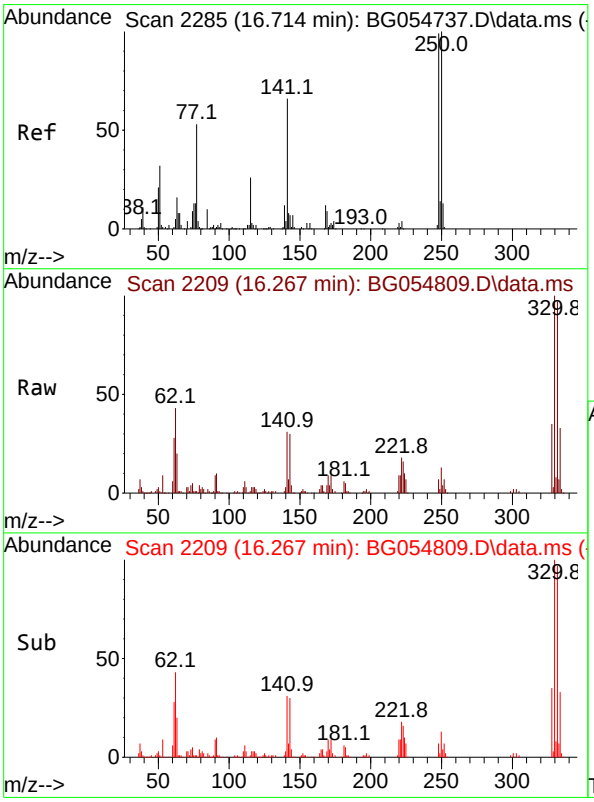
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.531 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:188 Resp: 295419

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	9.2	7.9	11.9

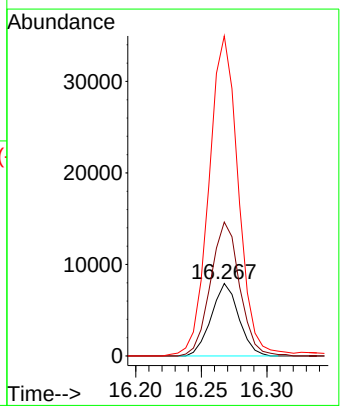


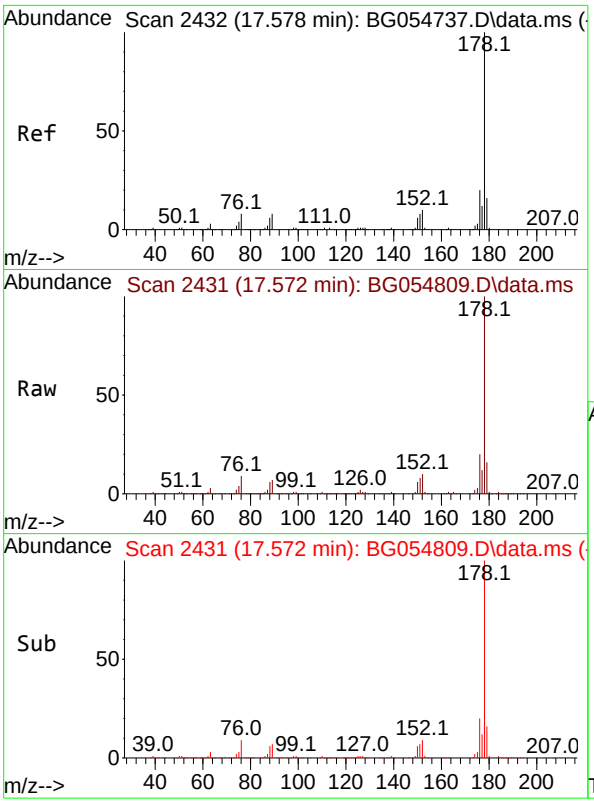


#67
4-Bromophenyl-phenylether
Concen: 3.551 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.447 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:248 Resp: 11519

Ion	Ratio	Lower	Upper
248	100		
250	184.8	78.8	118.2#
141	441.6	51.9	77.9#



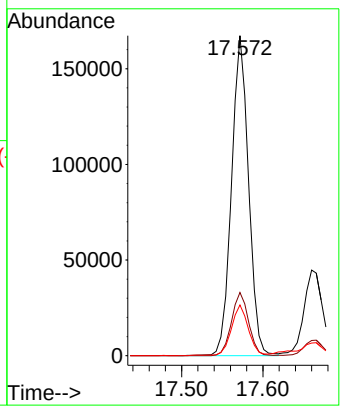


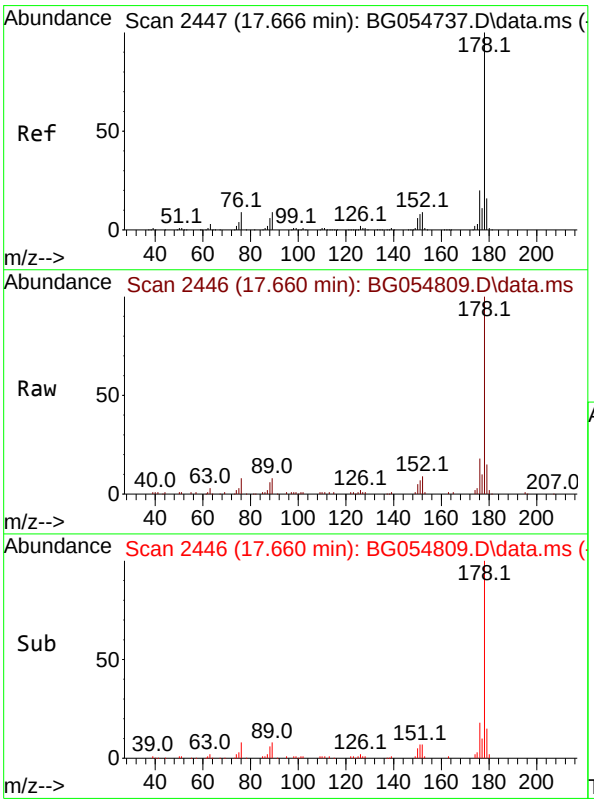
#71
Phenanthrene
Concen: 15.456 ng
RT: 17.572 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:178 Resp: 243232

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.9	12.8	19.2

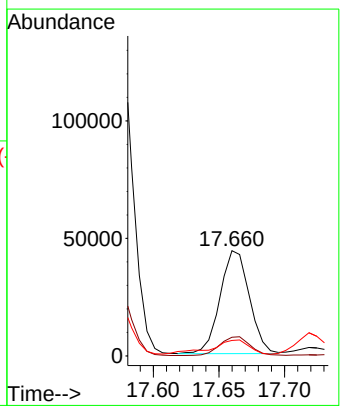


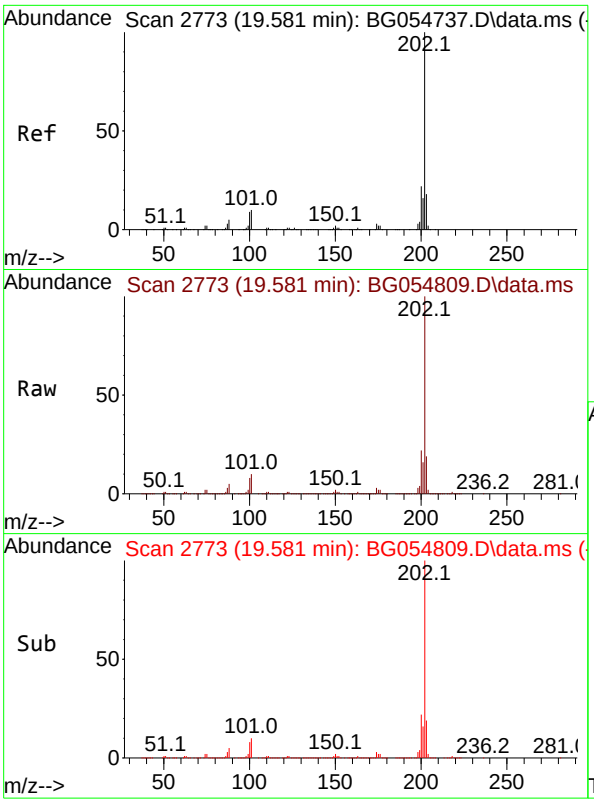


#72
Anthracene
Concen: 4.452 ng
RT: 17.660 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:178 Resp: 68120

Ion	Ratio	Lower	Upper
178	100		
176	17.7	16.2	24.4
179	14.8	12.9	19.3



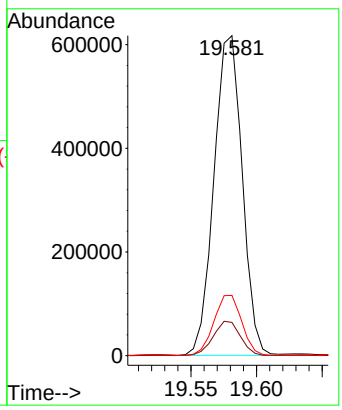


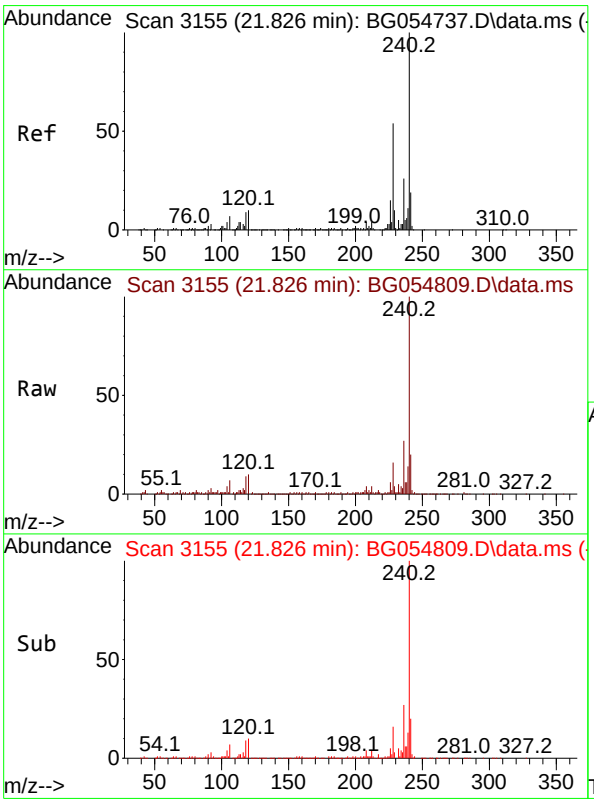
#75
Fluoranthene
Concen: 48.138 ng
RT: 19.581 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:202 Resp: 921563

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.4
203	18.9	0.0	38.6

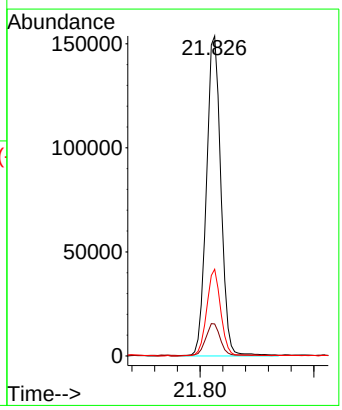


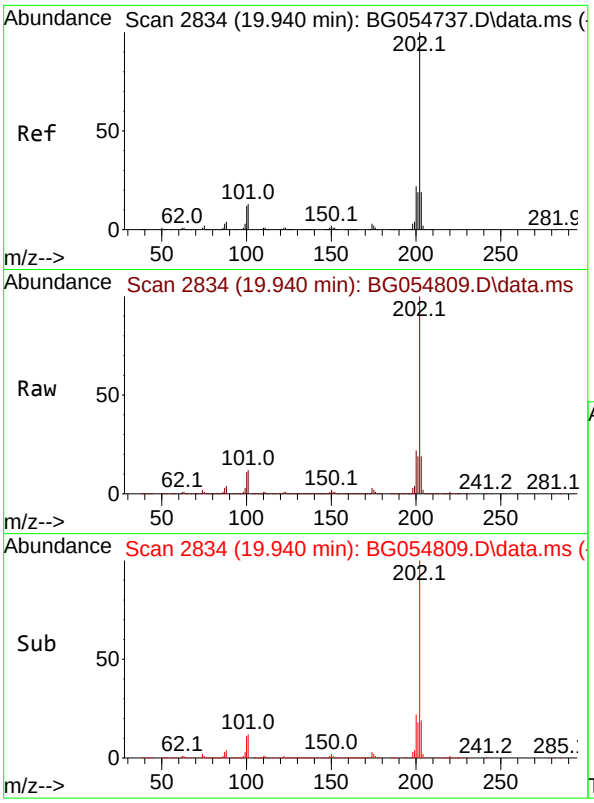


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.826 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:240 Resp: 270250

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.4
236	27.1	21.2	31.8



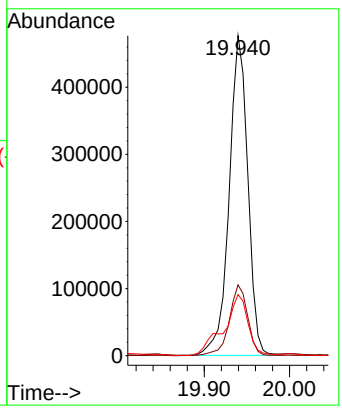


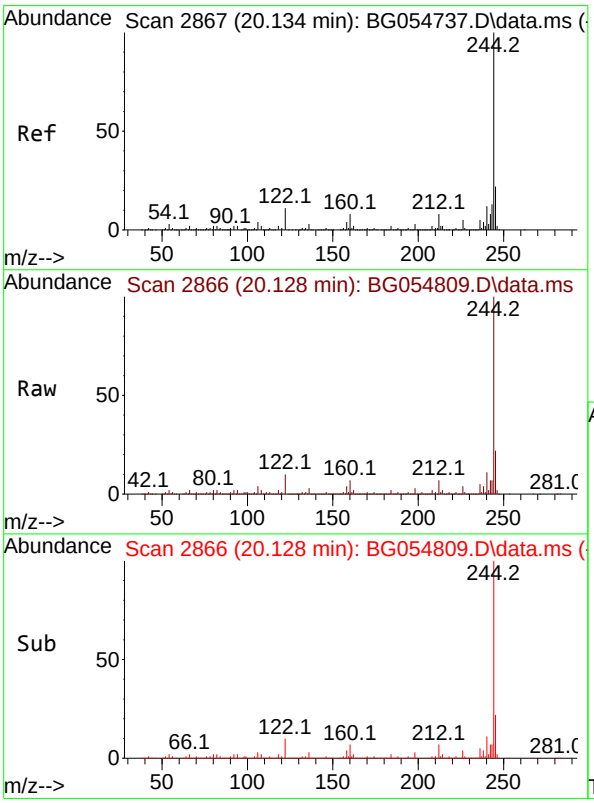
#78
Pyrene
Concen: 38.458 ng
RT: 19.940 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:202 Resp: 724717

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.6
203	19.1	14.6	21.8

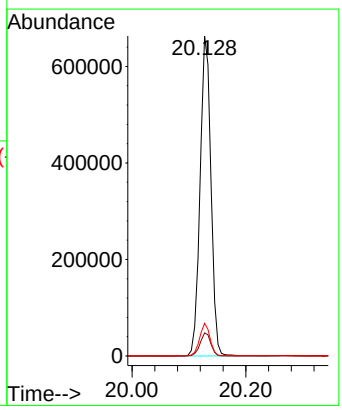


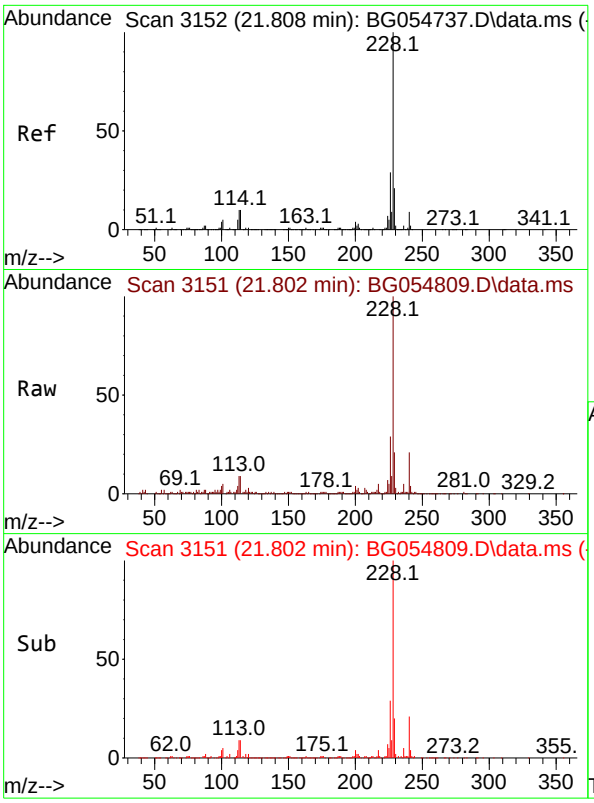


#79
Terphenyl-d14
Concen: 64.484 ng
RT: 20.128 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:244 Resp: 879520

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.2	9.0	13.6



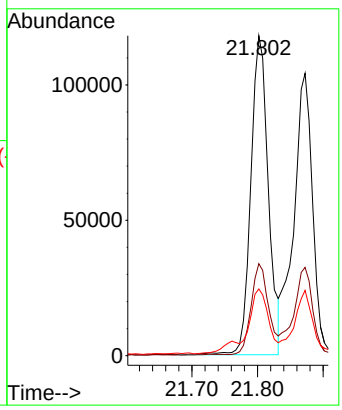


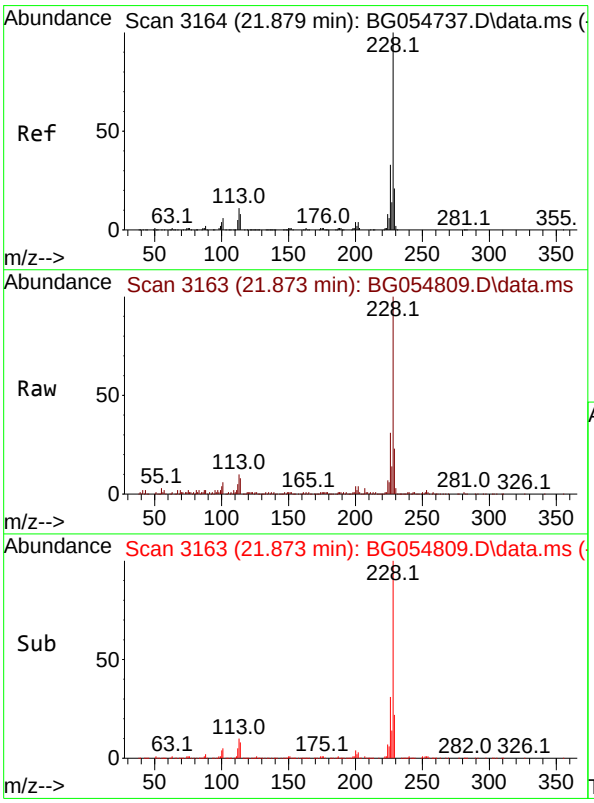
#81
Benzo(a)anthracene
Concen: 11.889 ng
RT: 21.802 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:228 Resp: 217845

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	20.9	16.5	24.7

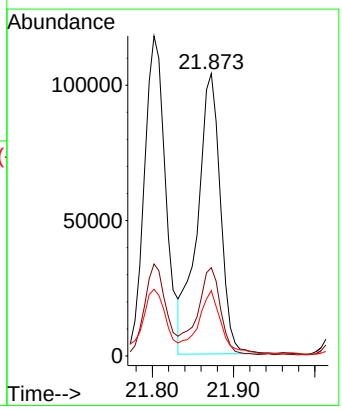


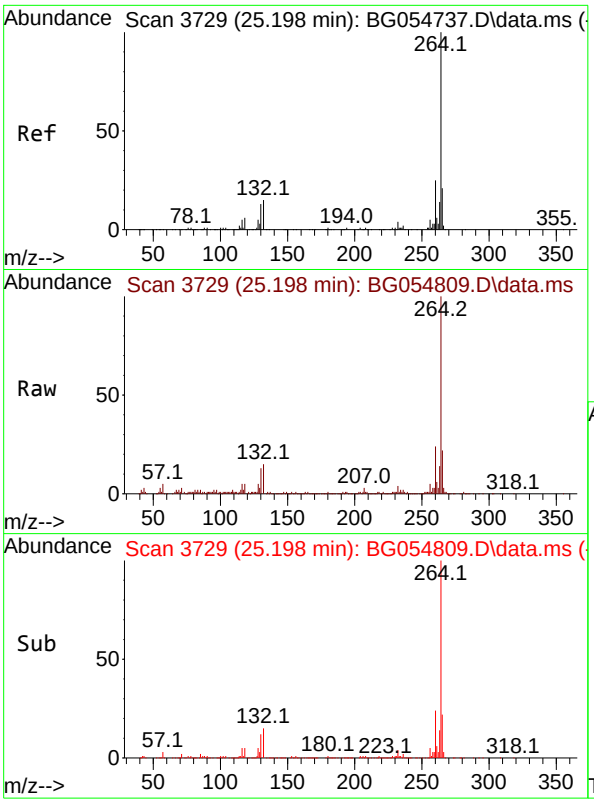


#83
Chrysene
Concen: 11.712 ng
RT: 21.873 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:228 Resp: 205201

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	23.1	16.8	25.2



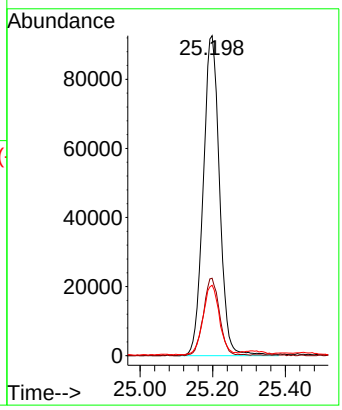


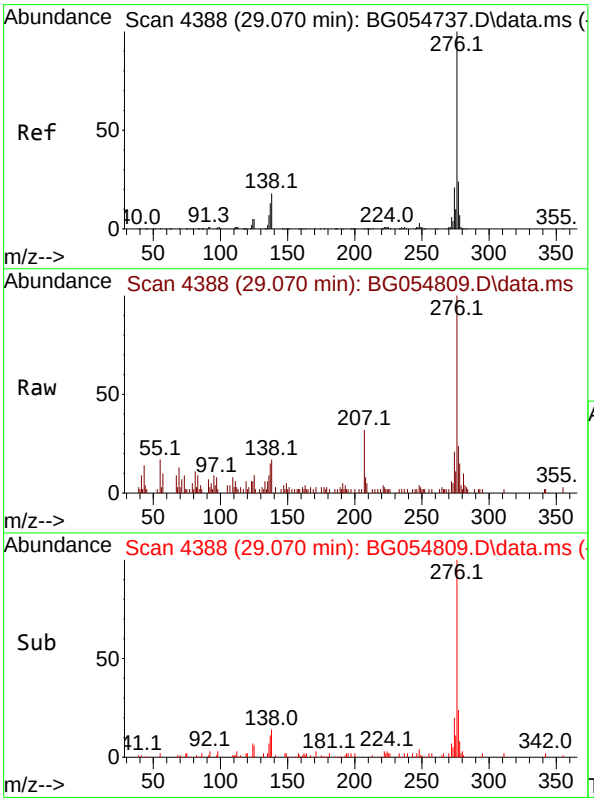
#86
Perylene-d12
Concen: 20.000 ng
RT: 25.198 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:264 Resp: 289338

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.9	29.9
265	22.0	16.9	25.3

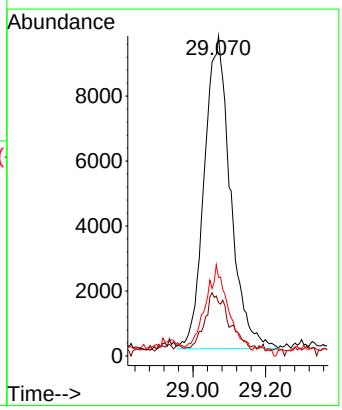


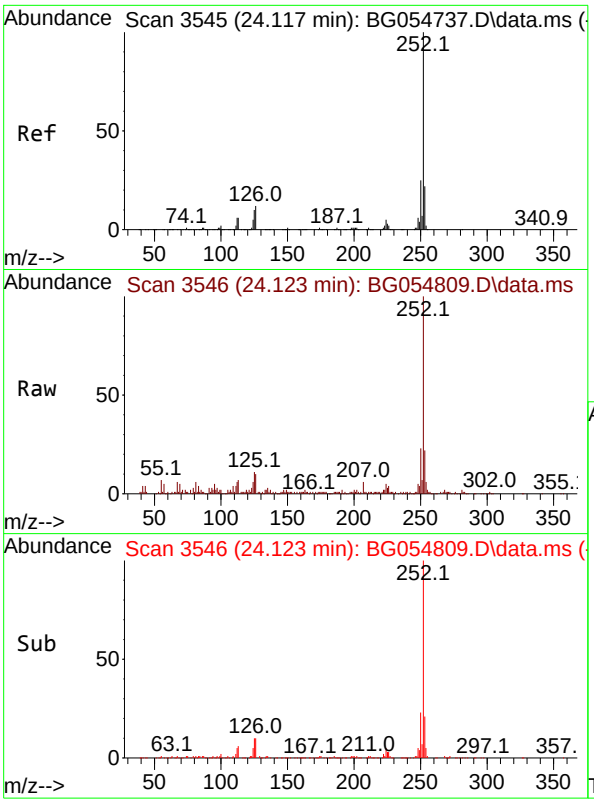


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.182 ng
RT: 29.070 min Scan# 4388
Delta R.T. -0.000 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:276 Resp: 47933

Ion	Ratio	Lower	Upper
276	100		
138	18.2	12.0	18.0#
277	23.5	20.2	30.4



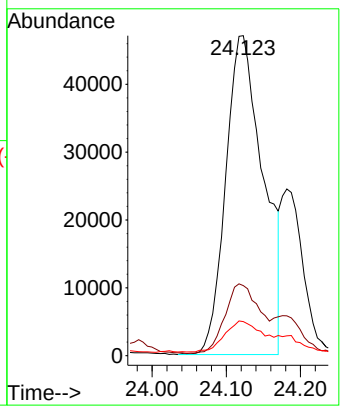


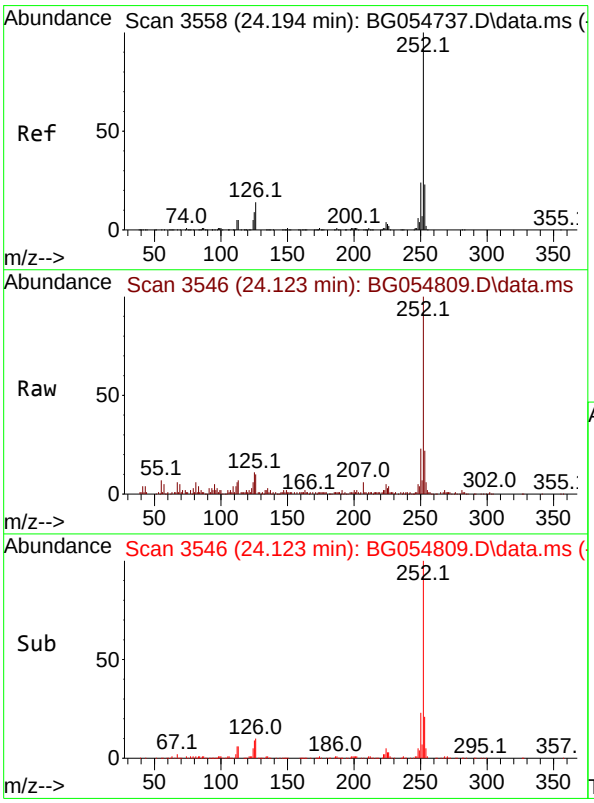
#88
Benzo(b)fluoranthene
Concen: 9.133 ng
RT: 24.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:252 Resp: 165776

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	8.1	12.1

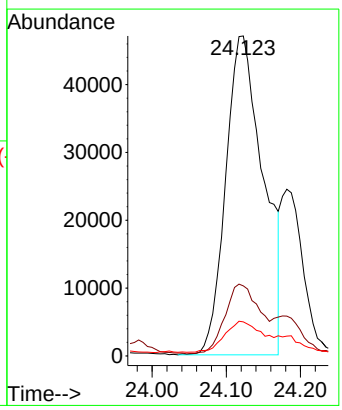


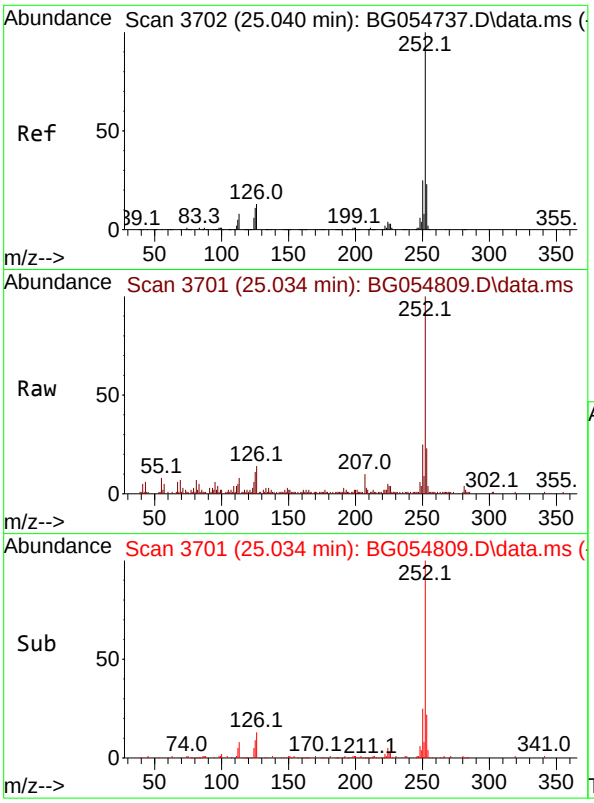


#89
Benzo(k)fluoranthene
Concen: 9.075 ng
RT: 24.123 min Scan# 3546
Delta R.T. -0.071 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:252 Resp: 165776

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.7	8.2	12.4



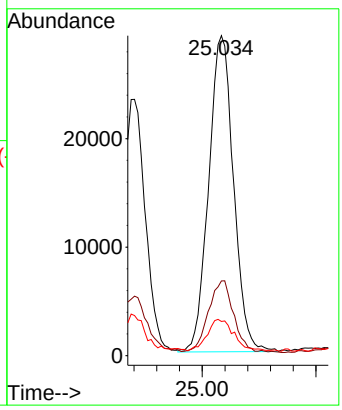


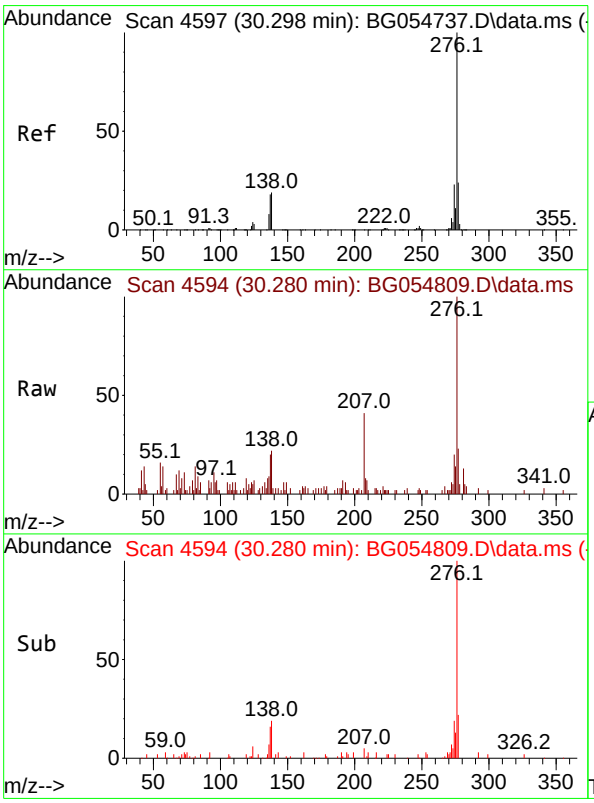
#90
Benzo(a)pyrene
Concen: 5.708 ng
RT: 25.034 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Instrument :
BNA_G
ClientSampleId :
VNJ-219

Tgt Ion:252 Resp: 88519

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	10.7	8.8	13.2





#92
Benzo(g,h,i)perylene
Concen: 2.584 ng
RT: 30.280 min Scan# 4594
Delta R.T. -0.018 min
Lab File: BG054809.D
Acq: 31 Aug 2022 16:42

Tgt Ion:276 Resp: 46712

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.4	29.0
138	22.2	16.6	25.0