Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110121\
Data File : BG050799.D
Acq On : 1 Nov 2021 15:12
Operator : CG/JU
Sample : M4422-01 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Quant Time: Nov 01 15:48:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 12:35:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.242	152	42829	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	182982	20.000	ng	# 0.00
39) Acenaphthene-d10	14.858	164	115220	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	240175	20.000	ng	# 0.00
76) Chrysene-d12	21.908	240	205322	20.000	ng	# 0.00
86) Perylene-d12	25.316	264	209079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	136633	47.711	ng	0.00
7) Phenol-d6	7.384	99	187578	45.240	ng	0.00
23) Nitrobenzene-d5	9.411	82	126468	28.611	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	49089	44.667	ng	0.00
45) 2-Fluorobiphenyl	13.483	172	219566	28.680	ng	0.00
79) Terphenyl-d14	20.193	244	303154	28.774	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.384	77	449	Below Cal	#	57
19) n-Nitroso-di-n-propyla...	9.411	70	17492	5.788	ng	# 68
31) Naphthalene	11.115	128	28741	2.934	ng	97
37) 2-Methylnaphthalene	12.701	142	13554	2.006	ng	90
49) Acenaphthylene	14.587	152	47468	4.489	ng	98
51) 2,6-Dinitrotoluene	14.858	165	16954	9.719	ng	# 12
52) Acenaphthene	14.922	154	31838	4.686	ng	# 82
55) Dibenzofuran	15.257	168	35002	3.331	ng	97
58) Fluorene	15.903	166	56512	7.001	ng	# 94
71) Phenanthrene	17.648	178	544393	43.014	ng	98
72) Anthracene	17.737	178	157770	12.545	ng	98
73) Carbazole	18.007	167	27990	2.233	ng	# 94
75) Fluoranthene	19.652	202	826944	53.153	ng	96
78) Pyrene	20.010	202	880139	60.418	ng	95
81) Benzo(a)anthracene	21.885	228	414601	30.517	ng	98
83) Chrysene	21.885	228	414601	32.443	ng	98
87) Indeno(1,2,3-cd)pyrene	29.235	276	206319	14.168	ng	# 91
88) Benzo(b)fluoranthene	24.229	252	441791	34.503	ng	# 90
89) Benzo(k)fluoranthene	24.229	252	441791	35.071	ng	# 95
90) Benzo(a)pyrene	25.157	252	362650	33.311	ng	# 93
91) Dibenzo(a,h)anthracene	29.288	278	57813	4.800	ng	# 81
92) Benzo(g,h,i)perylene	30.463	276	212263	17.993	ng	# 91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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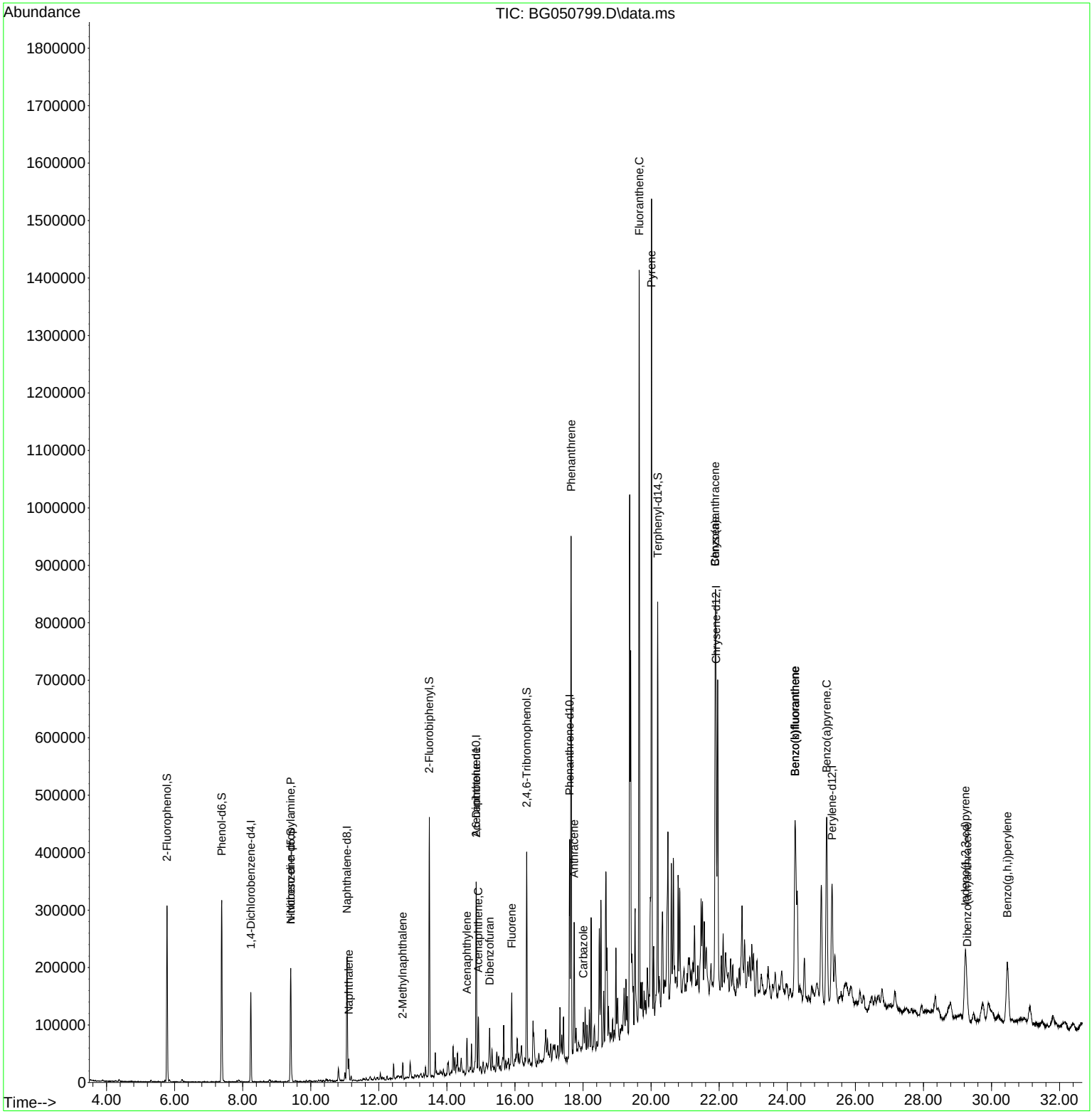
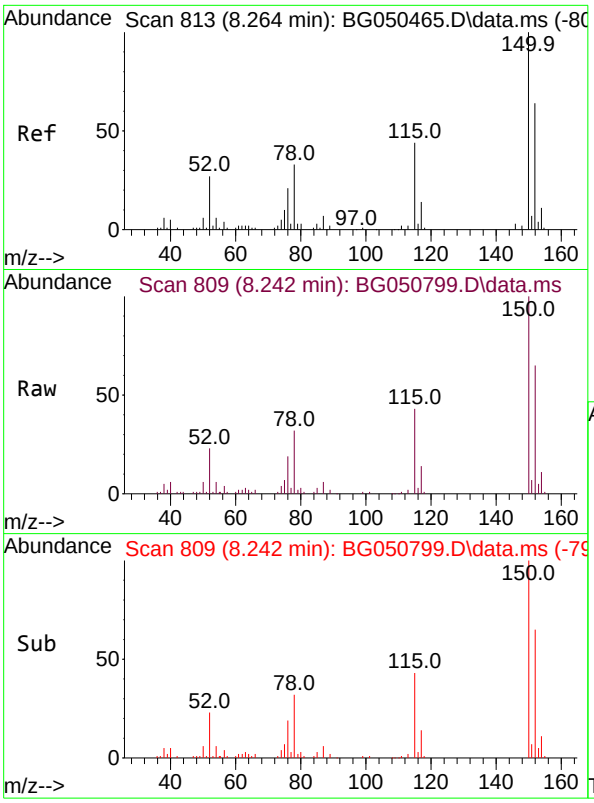


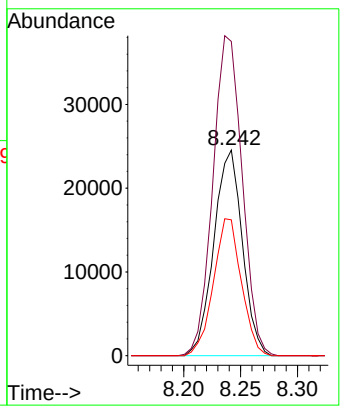


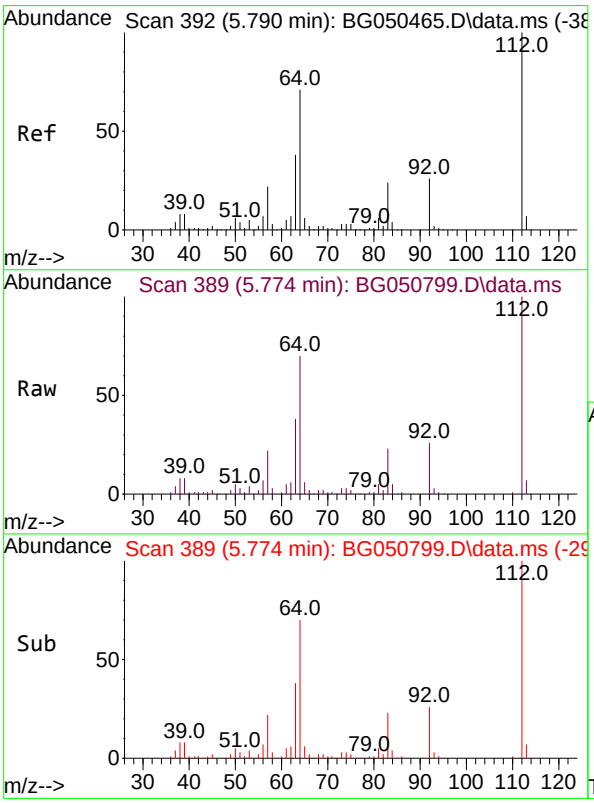
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.242 min Scan# 80
Delta R.T. 0.001 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:152 Resp: 42829

Ion	Ratio	Lower	Upper
152	100		
150	152.9	119.4	179.0
115	66.1	60.2	90.4

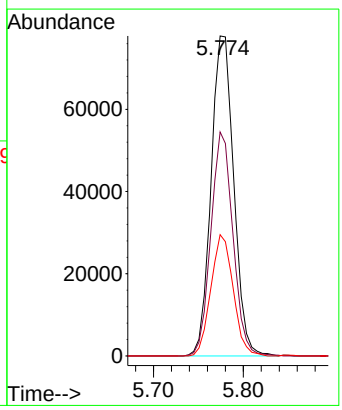


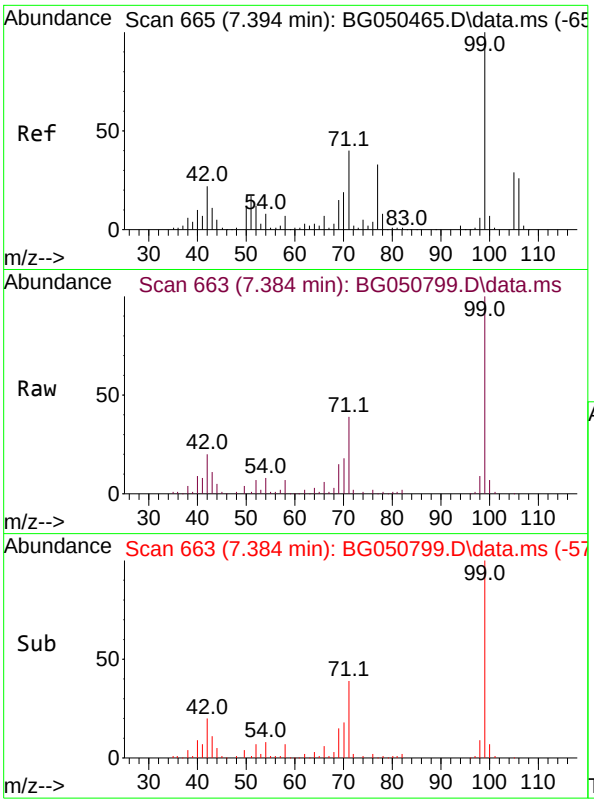


#5
2-Fluorophenol
Concen: 47.711 ng
RT: 5.774 min Scan# 389
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:112 Resp: 136633

Ion	Ratio	Lower	Upper
112	100		
64	70.0	46.7	70.1
63	37.9	35.3	52.9



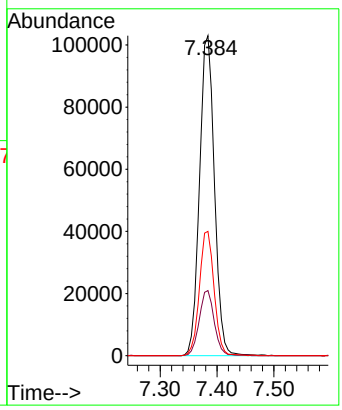


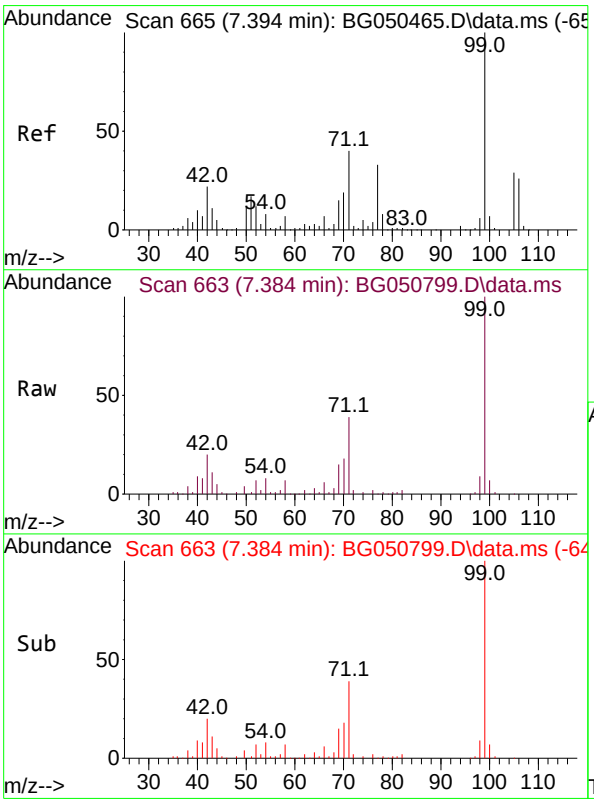
#7
Phenol-d6
Concen: 45.240 ng
RT: 7.384 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion: 99 Resp: 187578

Ion	Ratio	Lower	Upper
99	100		
42	20.3	20.5	30.7#
71	38.8	41.5	62.3#

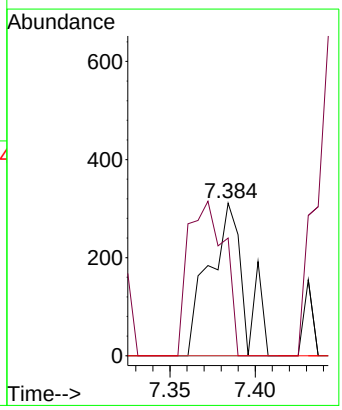


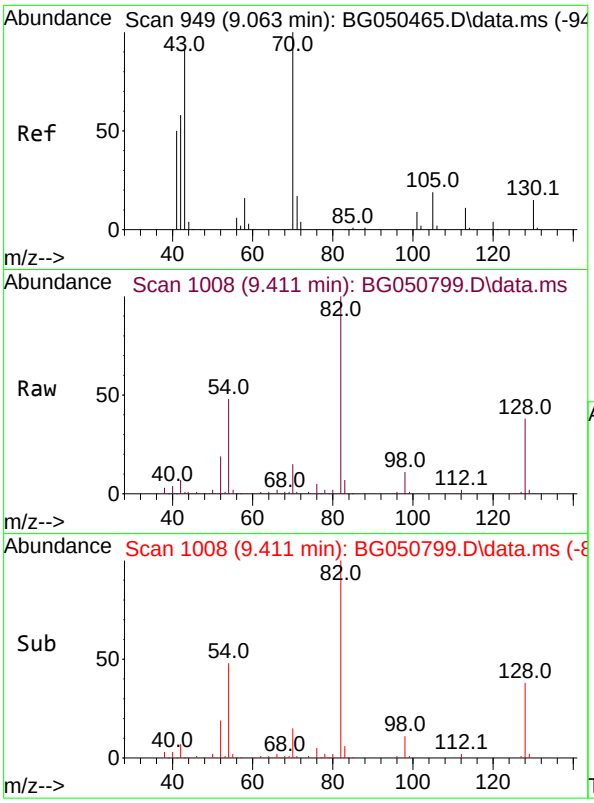


#9
Benzaldehyde
Concen: Below Cal
RT: 7.384 min Scan# 663
Delta R.T. 0.012 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion: 77 Resp: 449

Ion	Ratio	Lower	Upper
77	100		
105	77.2	68.8	108.8
106	0.0	47.9	87.9#



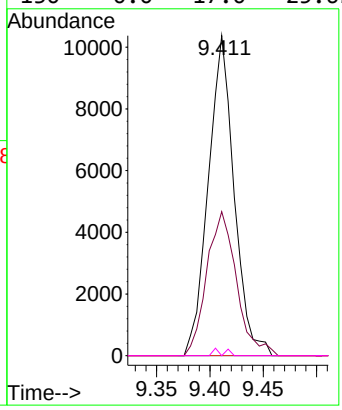


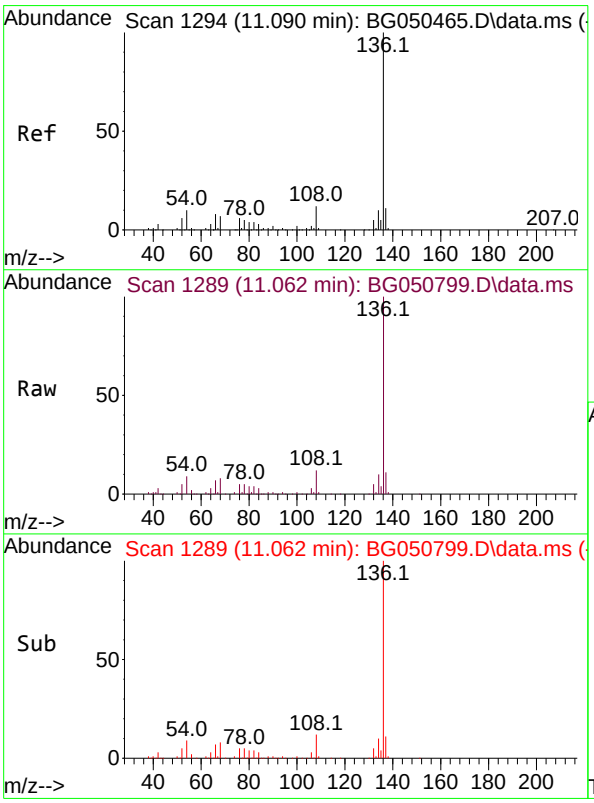
#19
n-Nitroso-di-n-propylamine
Concen: 5.788 ng
RT: 9.411 min Scan# 1
Delta R.T. 0.371 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion: 70 Resp: 17492

Ion	Ratio	Lower	Upper
70	100		
42	45.0	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

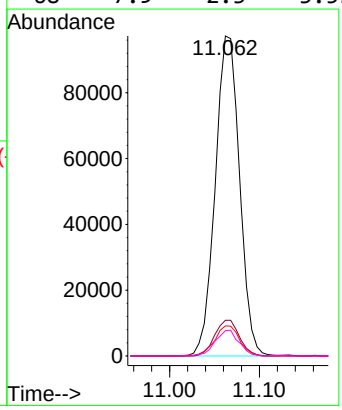


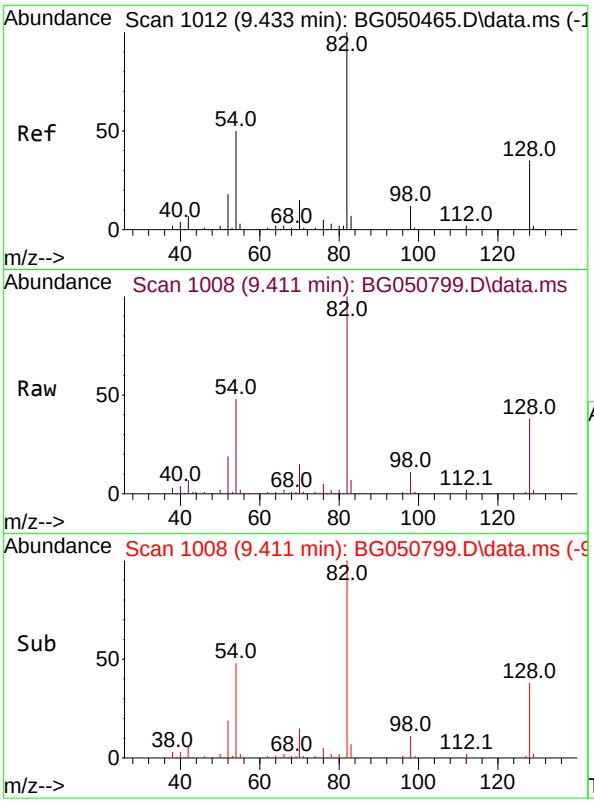


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:136 Resp: 182982

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	9.4	5.5	8.3#
68	7.9	2.3	3.5#



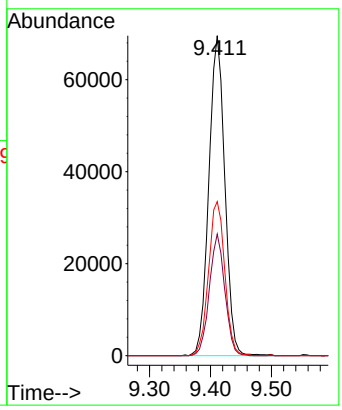


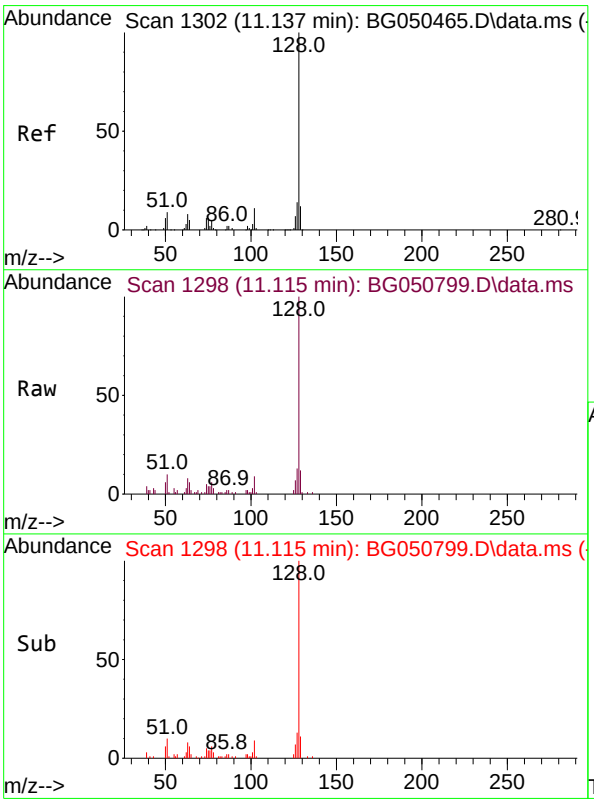
#23
Nitrobenzene-d5
Concen: 28.611 ng
RT: 9.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion: 82 Resp: 126468

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.8	44.6
54	48.1	45.8	68.8

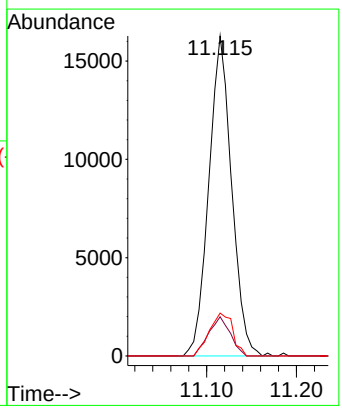


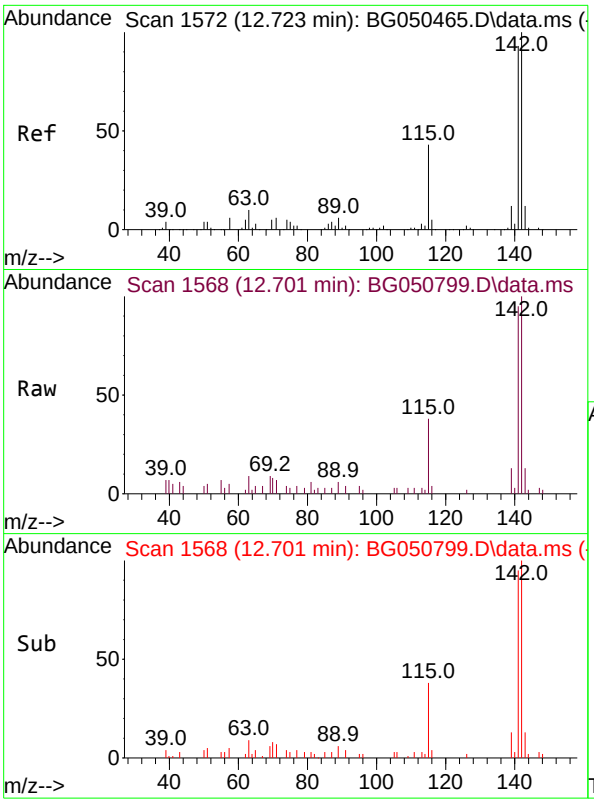


#31
Naphthalene
Concen: 2.934 ng
RT: 11.115 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:128 Resp: 28741

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.5	12.7
127	13.4	10.2	15.4



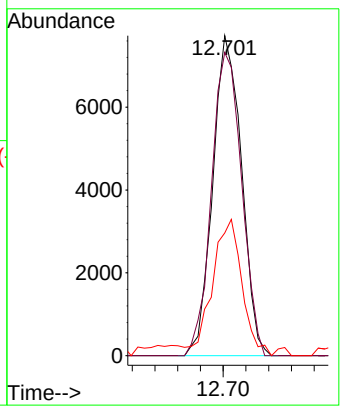


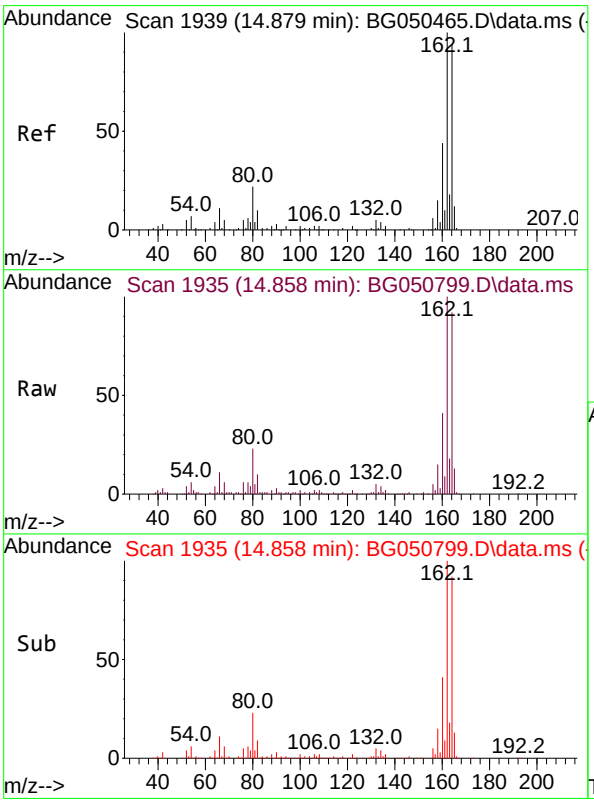
#37
2-Methylnaphthalene
Concen: 2.006 ng
RT: 12.701 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:142 Resp: 13554

Ion	Ratio	Lower	Upper
142	100		
141	94.7	68.8	103.2
115	38.3	36.4	54.6

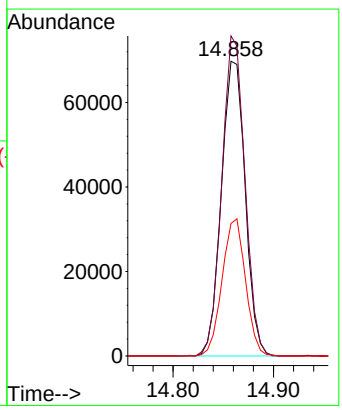


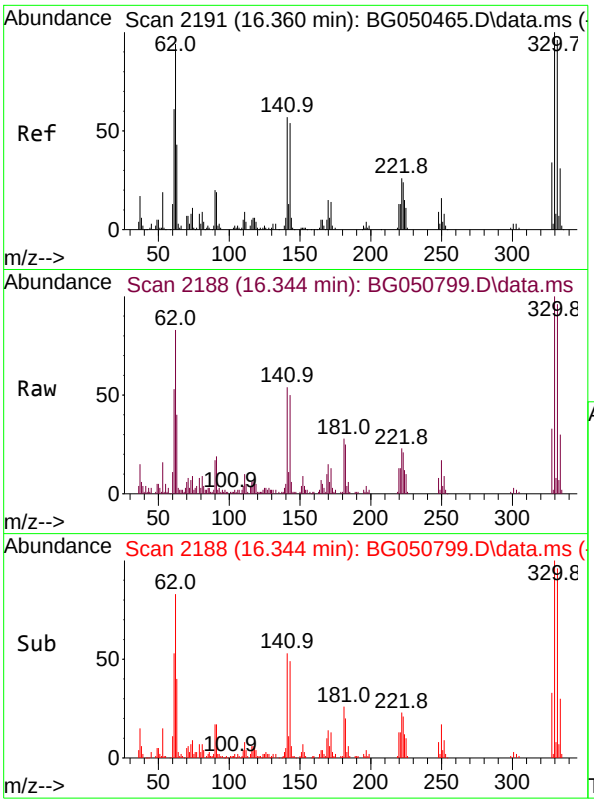


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.858 min Scan# 1935
Delta R.T. -0.005 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:164 Resp: 115220

Ion	Ratio	Lower	Upper
164	100		
162	108.6	81.4	122.0
160	45.0	34.9	52.3



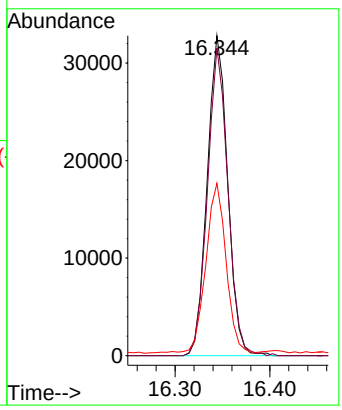


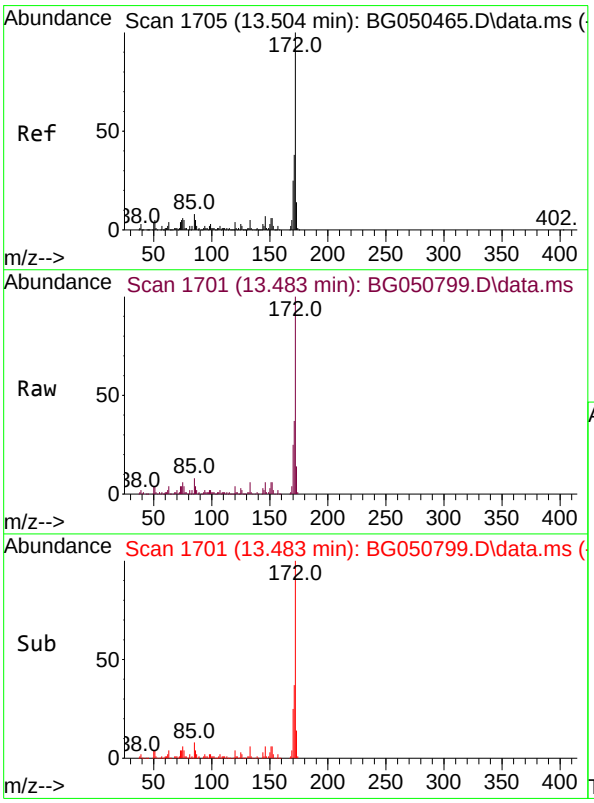
#42
2,4,6-Tribromophenol
Concen: 44.667 ng
RT: 16.344 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:330 Resp: 49089

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	52.3	35.6	53.4

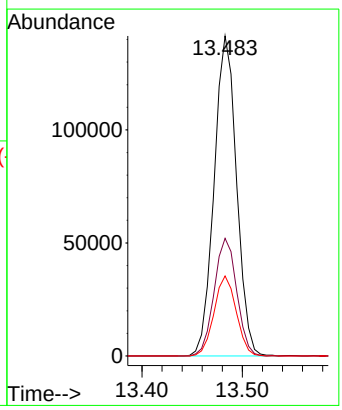


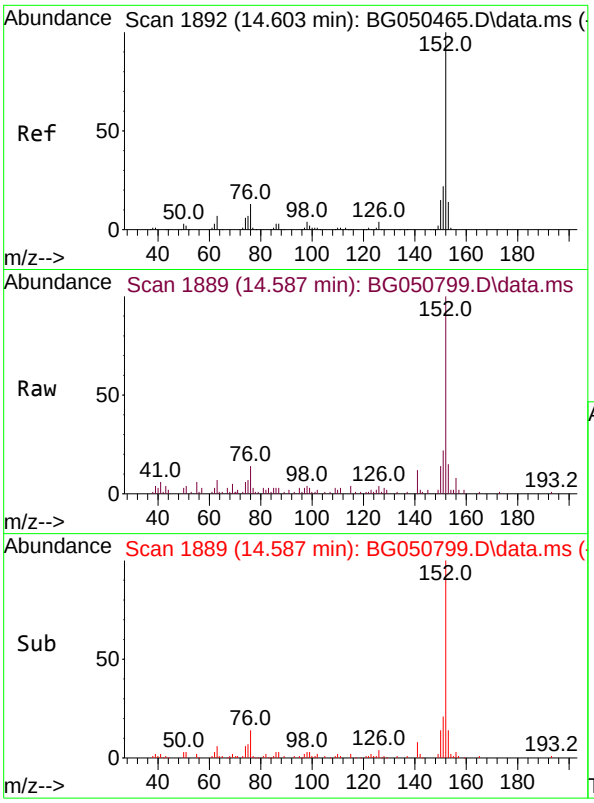


#45
2-Fluorobiphenyl
Concen: 28.680 ng
RT: 13.483 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:172 Resp: 219566

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	25.0	18.6	27.8



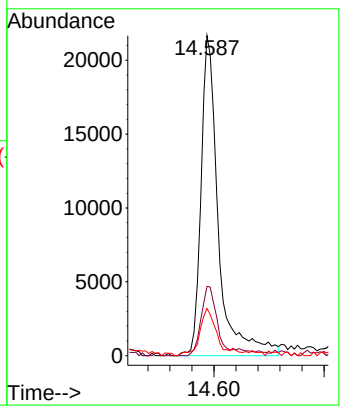


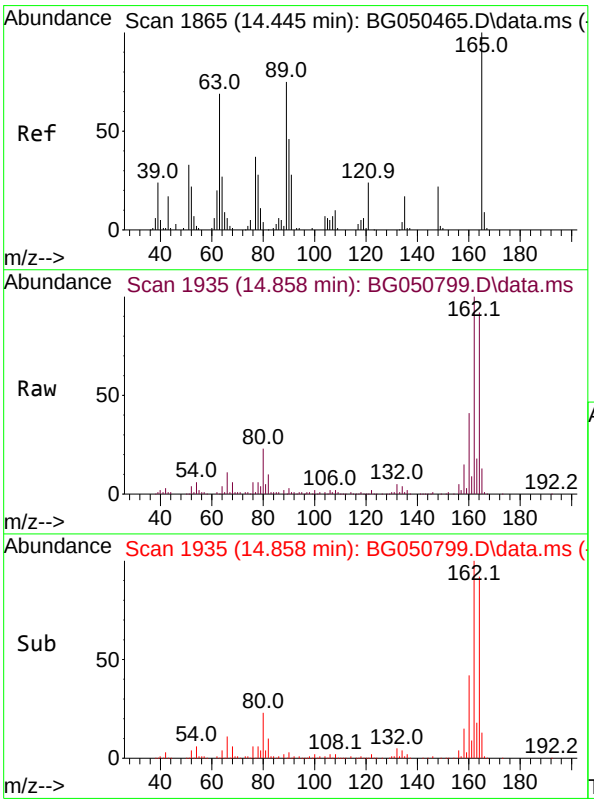
#49
Acenaphthylene
Concen: 4.489 ng
RT: 14.587 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:152 Resp: 47468

Ion	Ratio	Lower	Upper
152	100		
151	21.6	18.2	27.4
153	14.7	11.7	17.5

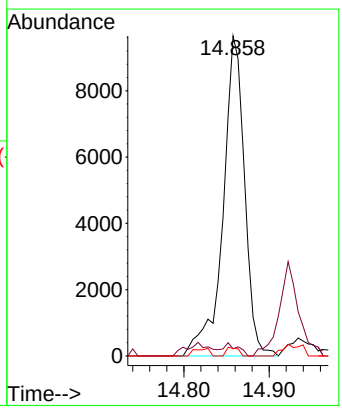


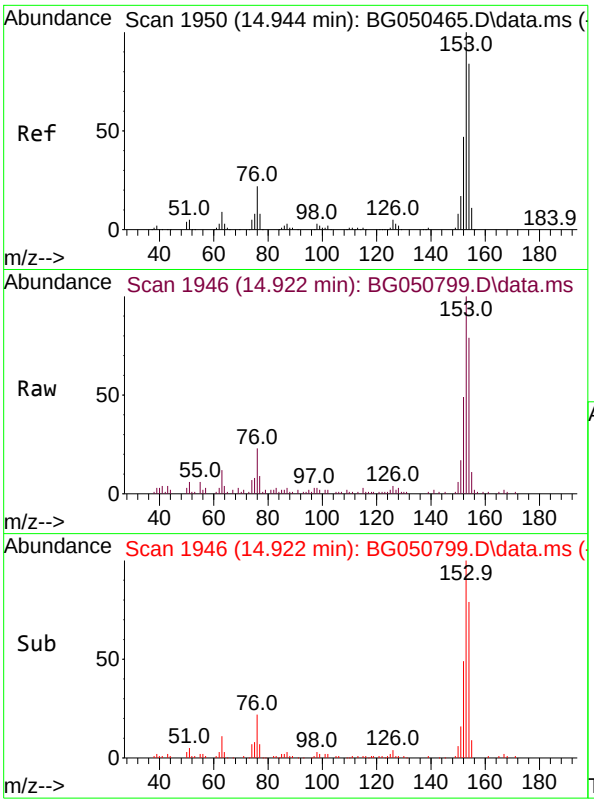


#51
2,6-Dinitrotoluene
Concen: 9.719 ng
RT: 14.858 min Scan# 1935
Delta R.T. 0.423 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:165 Resp: 16954

Ion	Ratio	Lower	Upper
165	100		
63	2.2	63.3	94.9#
89	2.4	63.4	95.0#



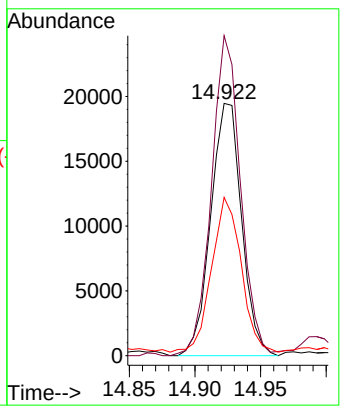


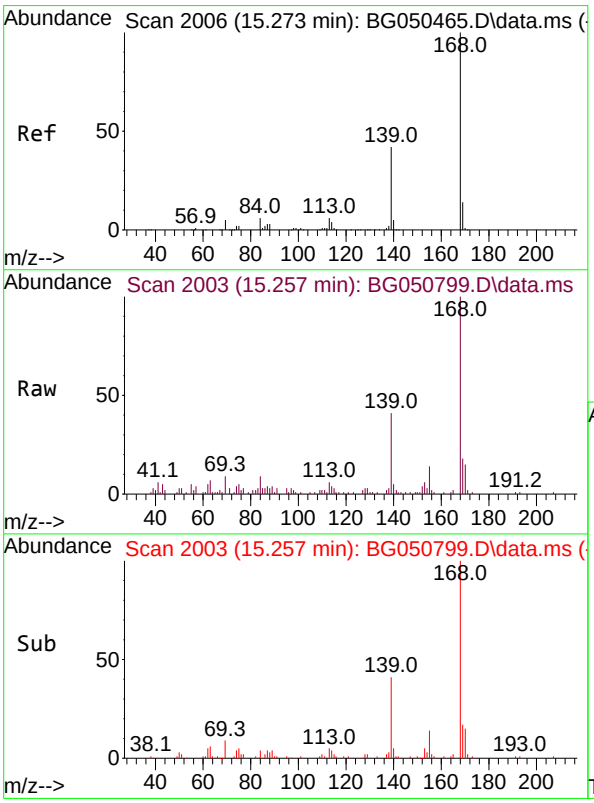
#52
Acenaphthene
Concen: 4.686 ng
RT: 14.922 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:154 Resp: 31838

Ion	Ratio	Lower	Upper
154	100		
153	126.8	87.0	130.4
152	62.7	40.1	60.1#

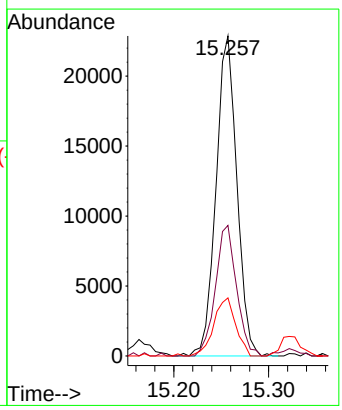


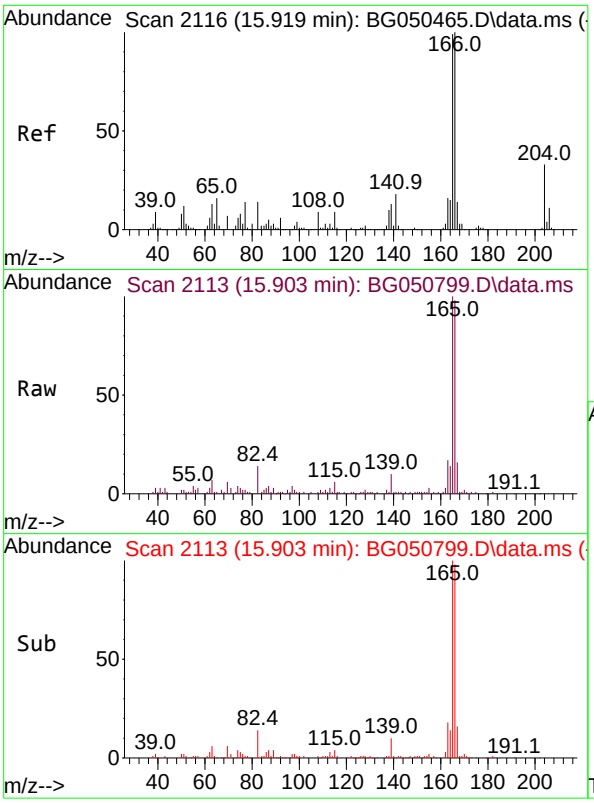


#55
Dibenzofuran
Concen: 3.331 ng
RT: 15.257 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:168 Resp: 35002

Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.4	50.2
169	18.1	12.3	18.5



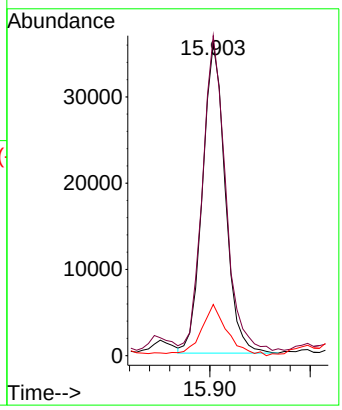


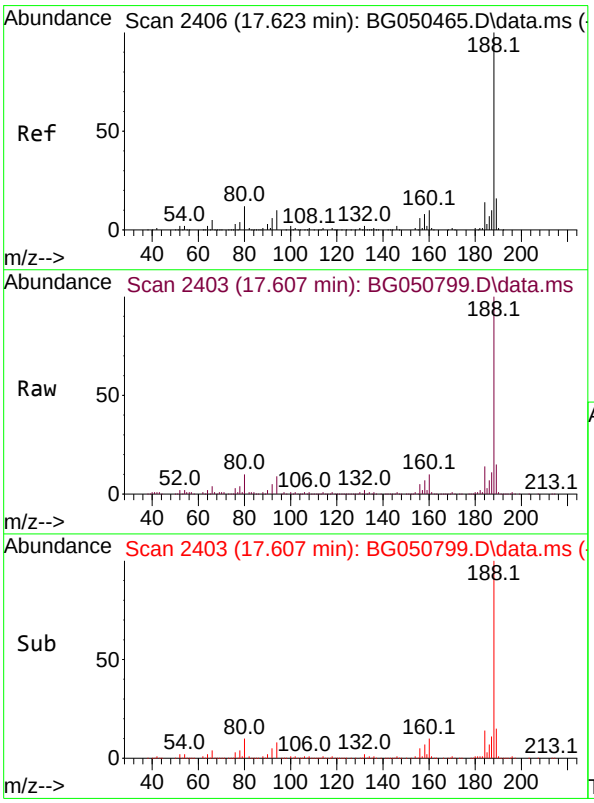
#58
Fluorene
Concen: 7.001 ng
RT: 15.903 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:166 Resp: 56512

Ion	Ratio	Lower	Upper
166	100		
165	102.5	77.7	116.5
167	16.4	10.8	16.2#

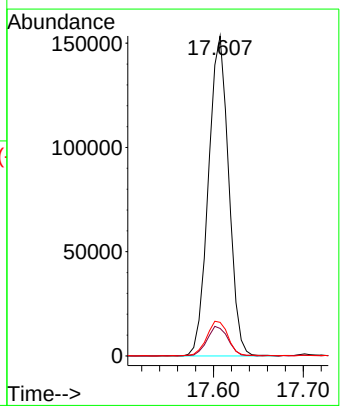


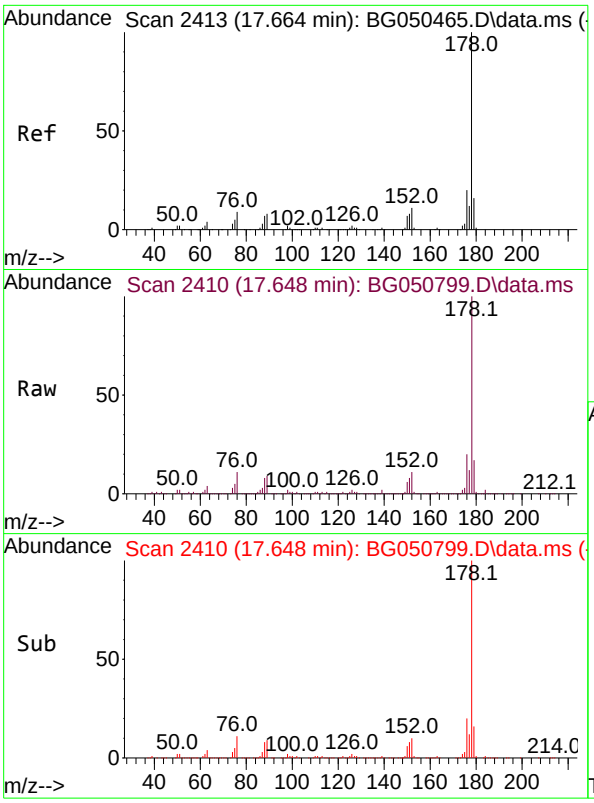


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:188 Resp: 240175

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	10.5	3.7	5.5#



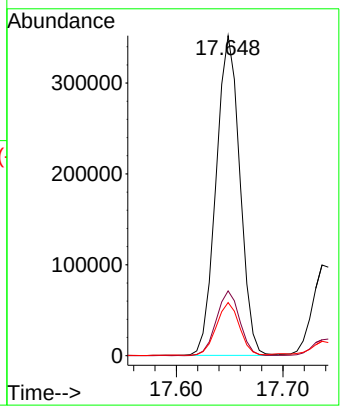


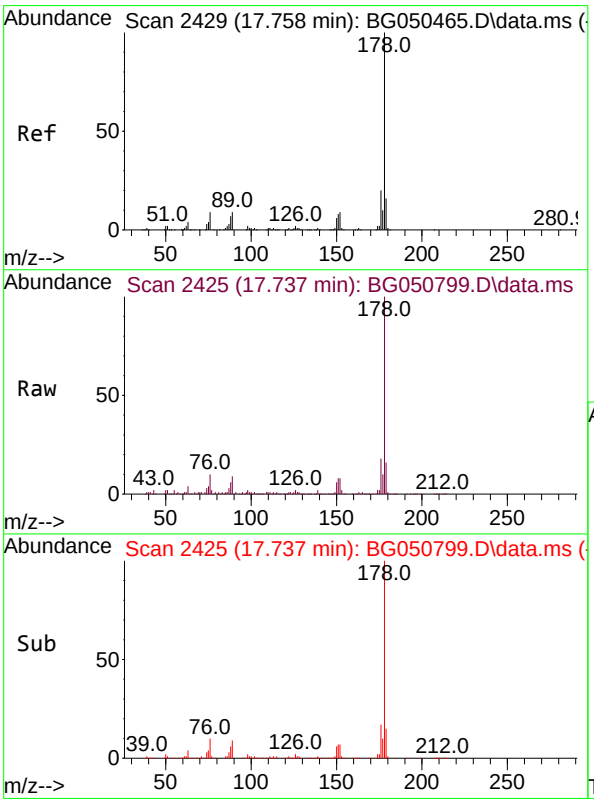
#71
Phenanthrene
Concen: 43.014 ng
RT: 17.648 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:178 Resp: 544393

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.6	14.2	21.4

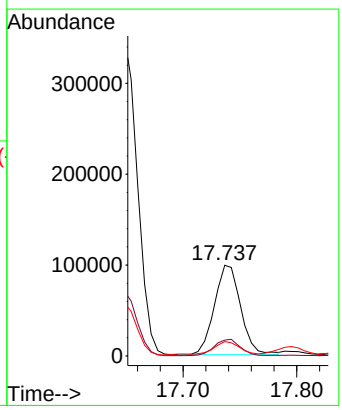


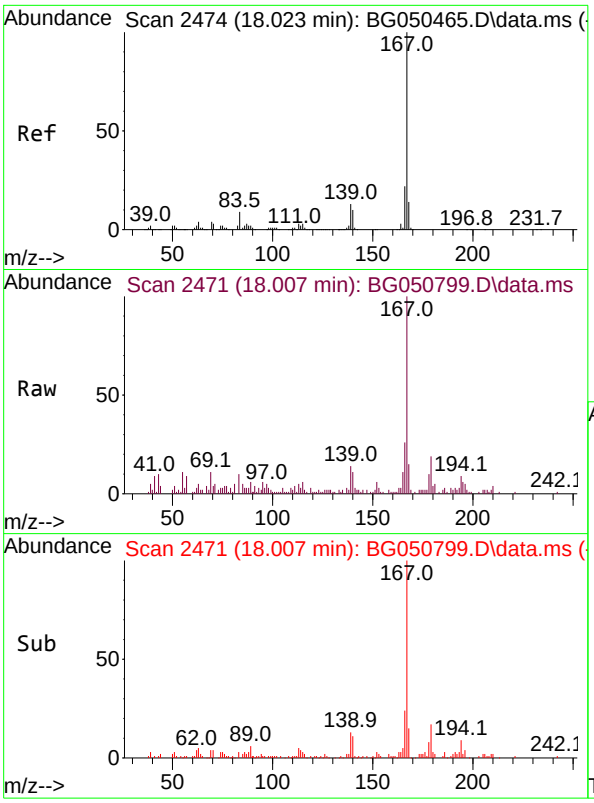


#72
Anthracene
Concen: 12.545 ng
RT: 17.737 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:178 Resp: 157770

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	21.8
179	15.9	13.4	20.0



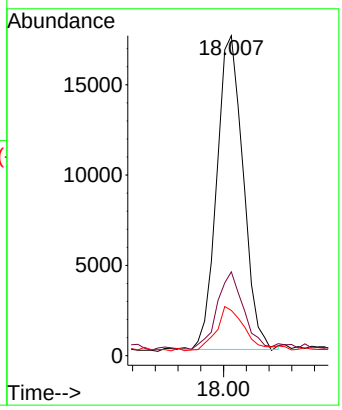


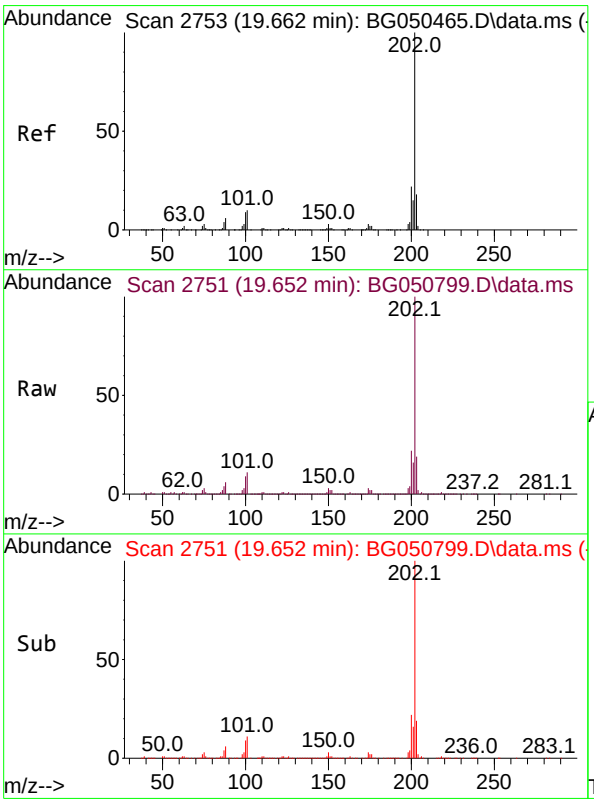
#73
Carbazole
Concen: 2.233 ng
RT: 18.007 min Scan# 24
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:167 Resp: 27990

Ion	Ratio	Lower	Upper
167	100		
166	26.2	17.4	26.2#
139	14.1	10.7	16.1

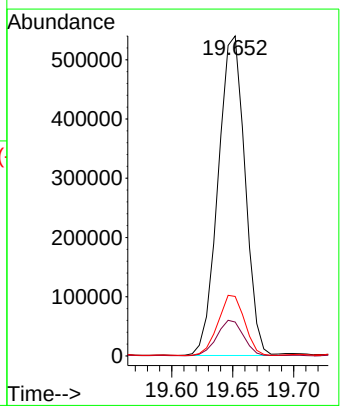


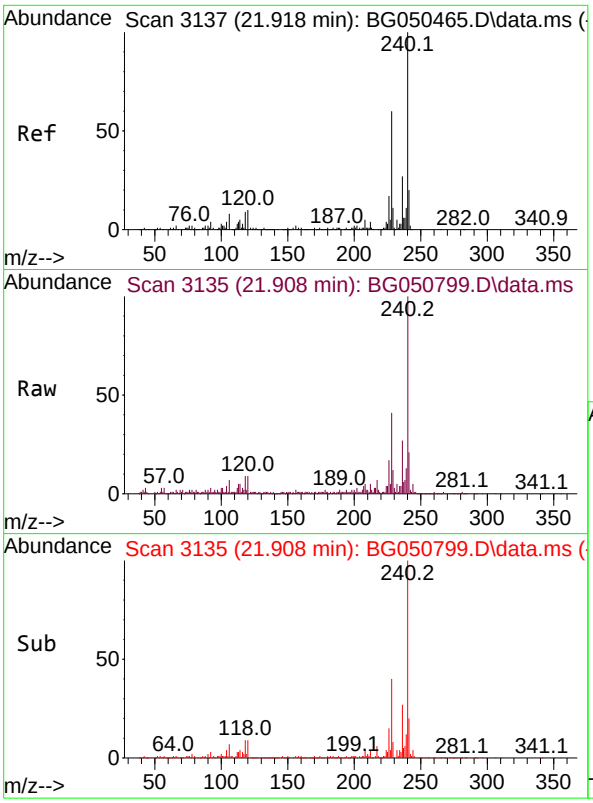


#75
Fluoranthene
Concen: 53.153 ng
RT: 19.652 min Scan# 2751
Delta R.T. 0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:202 Resp: 826944

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	24.7
203	18.6	0.0	38.5



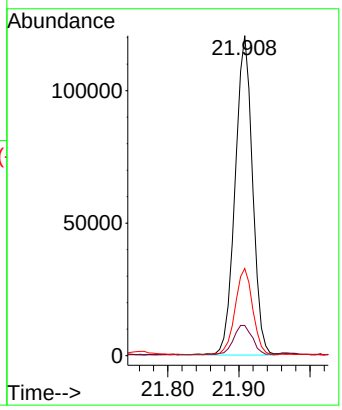


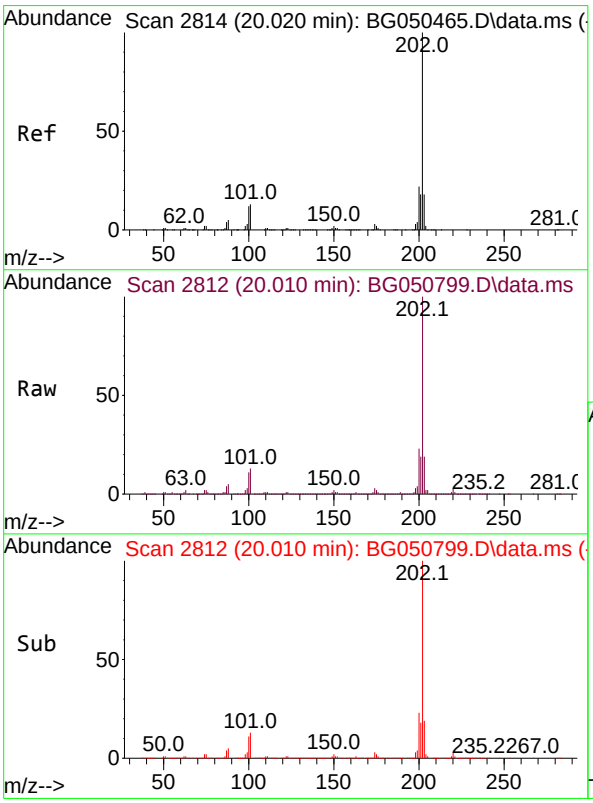
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:240 Resp: 205322

Ion	Ratio	Lower	Upper
240	100		
120	9.5	4.2	6.2#
236	27.3	21.8	32.6

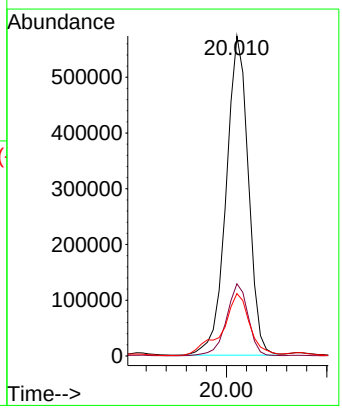


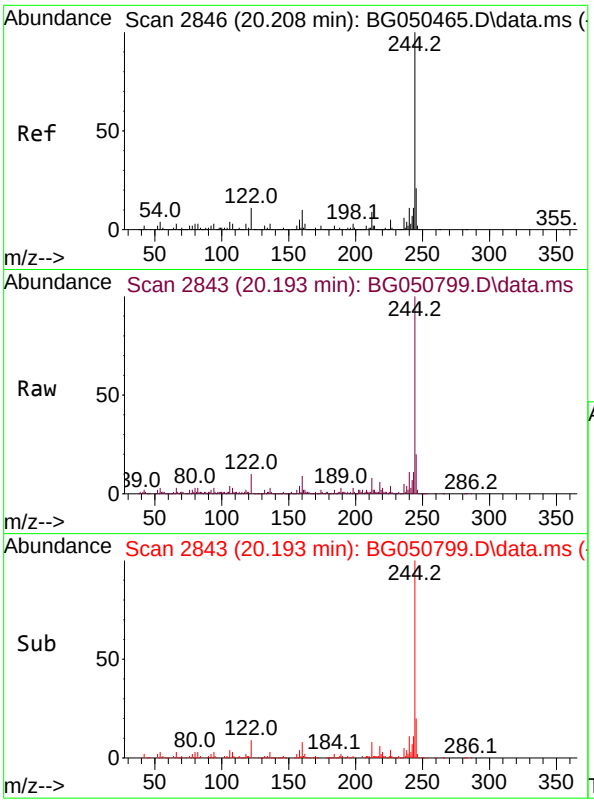


#78
Pyrene
Concen: 60.418 ng
RT: 20.010 min Scan# 2812
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:202 Resp: 880139

Ion	Ratio	Lower	Upper
202	100		
200	22.5	15.8	23.8
203	19.5	14.6	21.8



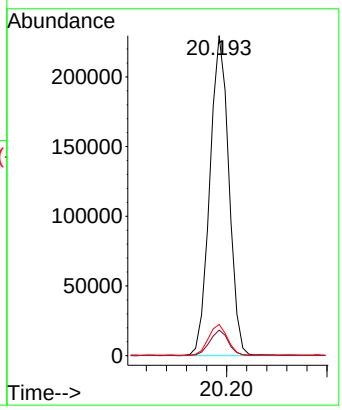


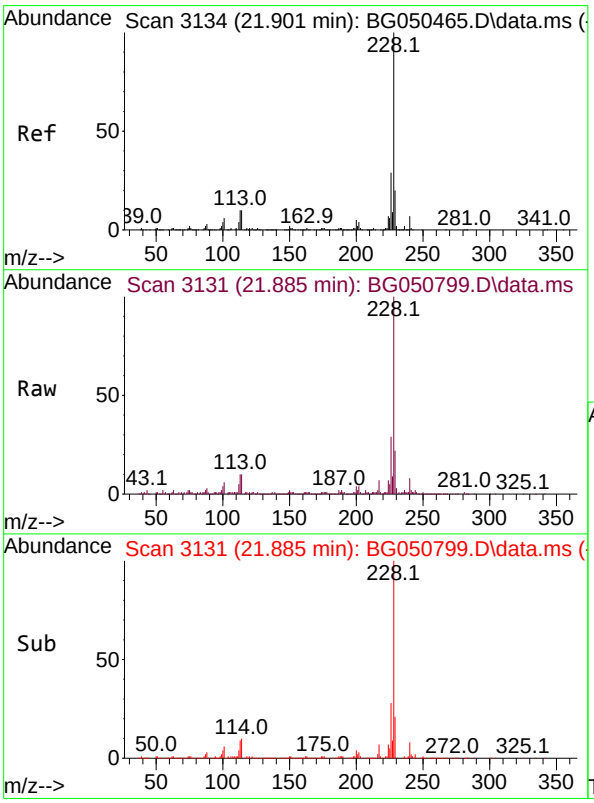
#79
Terphenyl-d14
Concen: 28.774 ng
RT: 20.193 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:244 Resp: 303154

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	9.8	5.0	7.6#

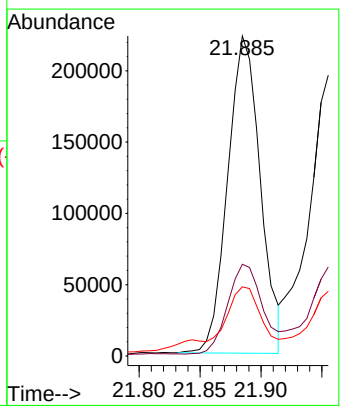


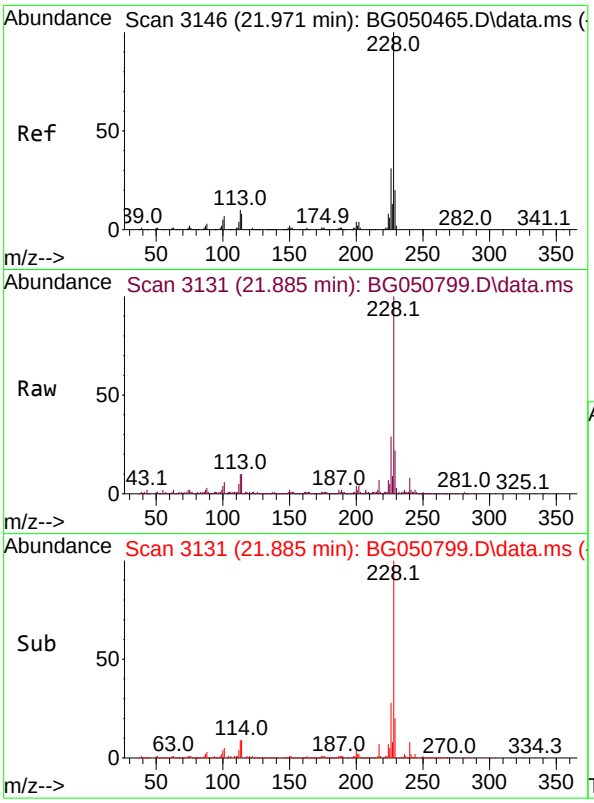


#81
Benzo(a)anthracene
Concen: 30.517 ng
RT: 21.885 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:228 Resp: 414601

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	21.6	16.0	24.0



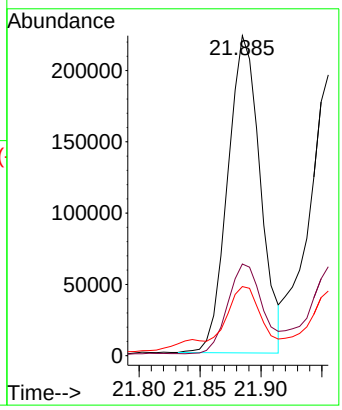


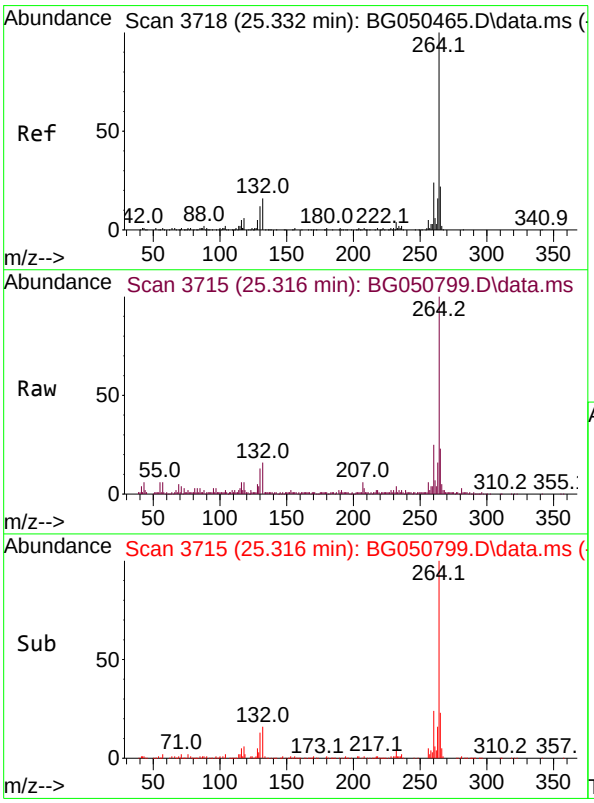
#83
Chrysene
Concen: 32.443 ng
RT: 21.885 min Scan# 3
Delta R.T. -0.070 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:228 Resp: 414601

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.1	34.7
229	21.6	15.3	22.9

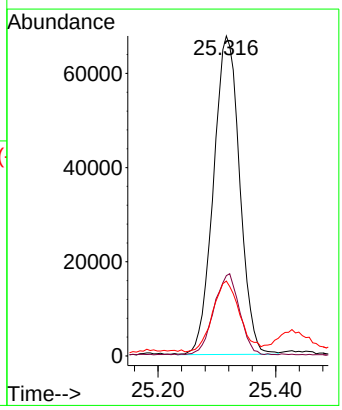


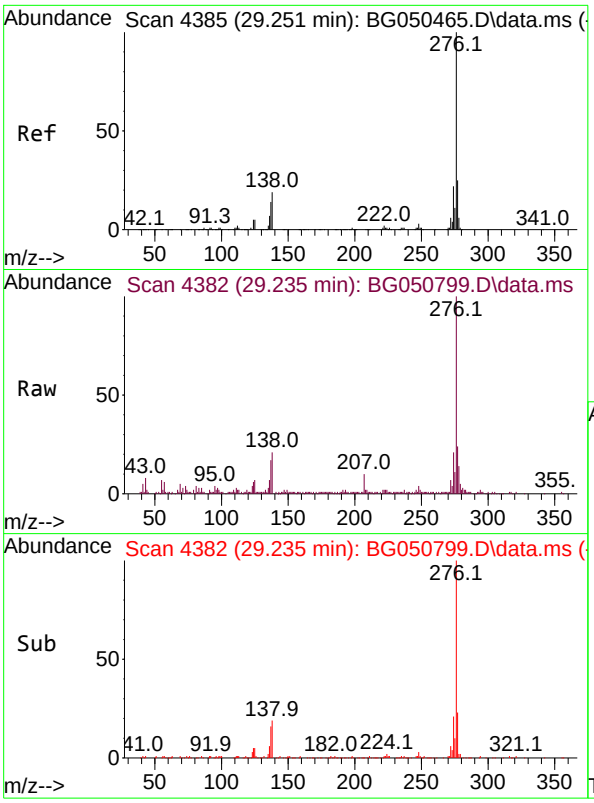


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.316 min Scan# 3715
Delta R.T. 0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:264 Resp: 209079

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	23.4	16.9	25.3



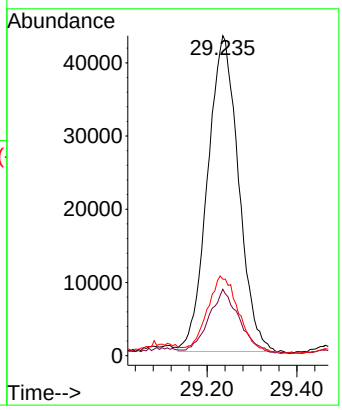


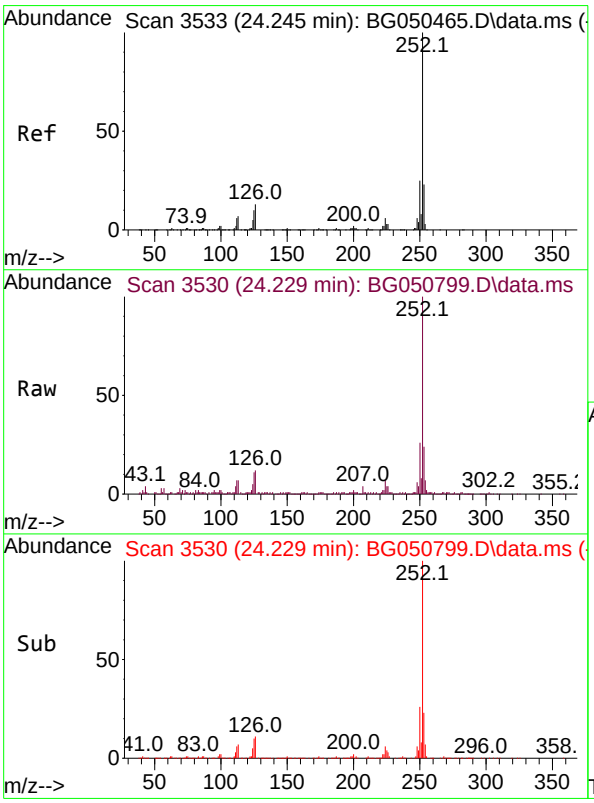
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.168 ng
RT: 29.235 min Scan# 4
Delta R.T. 0.000 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:276 Resp: 206319

Ion	Ratio	Lower	Upper
276	100		
138	20.0	5.1	7.7#
277	25.5	19.8	29.6

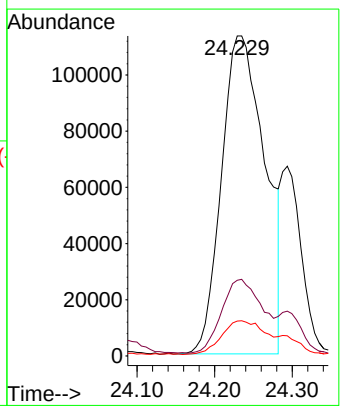


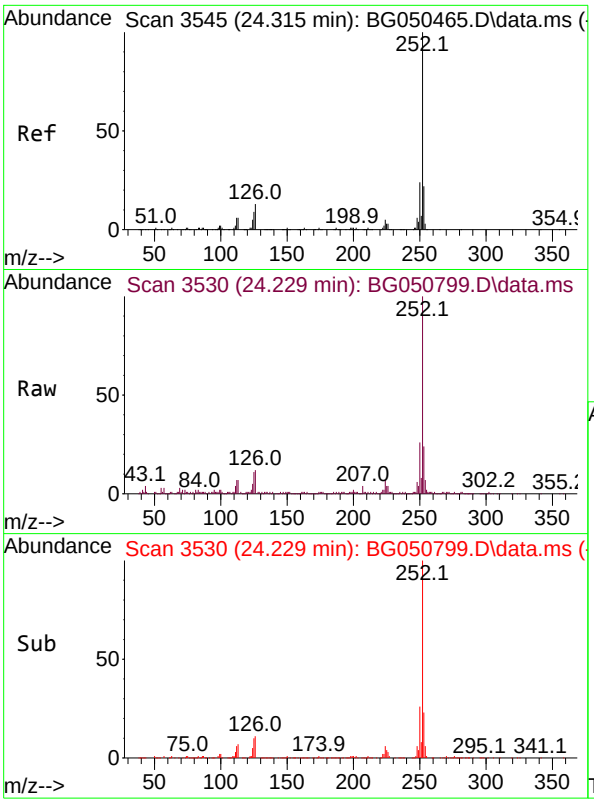


#88
Benzo(b)fluoranthene
Concen: 34.503 ng
RT: 24.229 min Scan# 3530
Delta R.T. 0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:252 Resp: 441791

Ion	Ratio	Lower	Upper
252	100		
253	23.6	16.2	24.4
125	10.9	3.0	4.4#



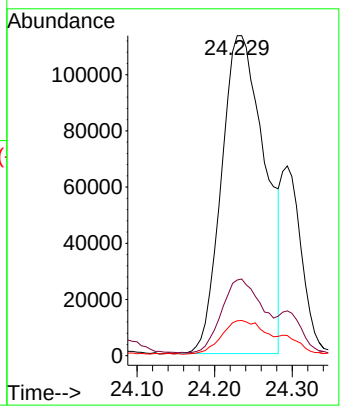


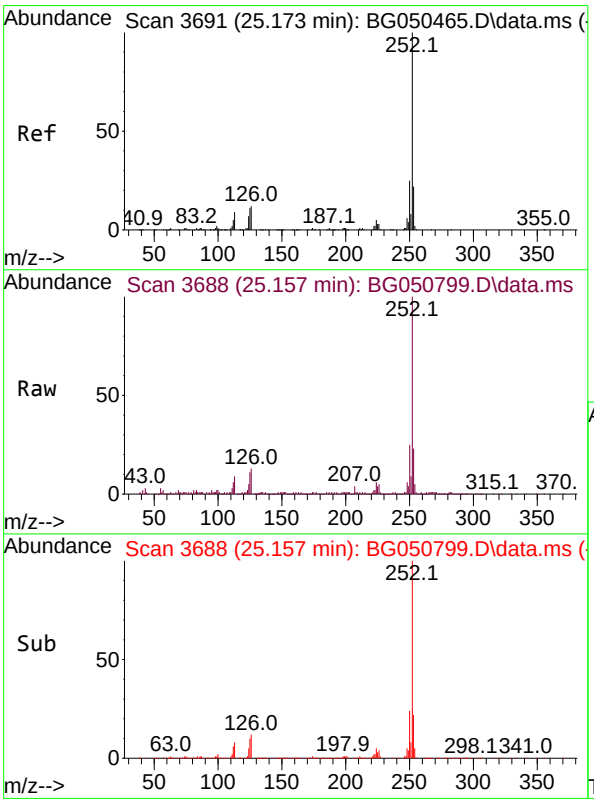
#89
Benzo(k)fluoranthene
Concen: 35.071 ng
RT: 24.229 min Scan# 3
Delta R.T. -0.064 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:252 Resp: 441791

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	10.9	3.1	4.7#

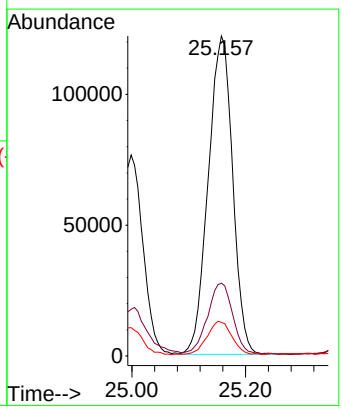


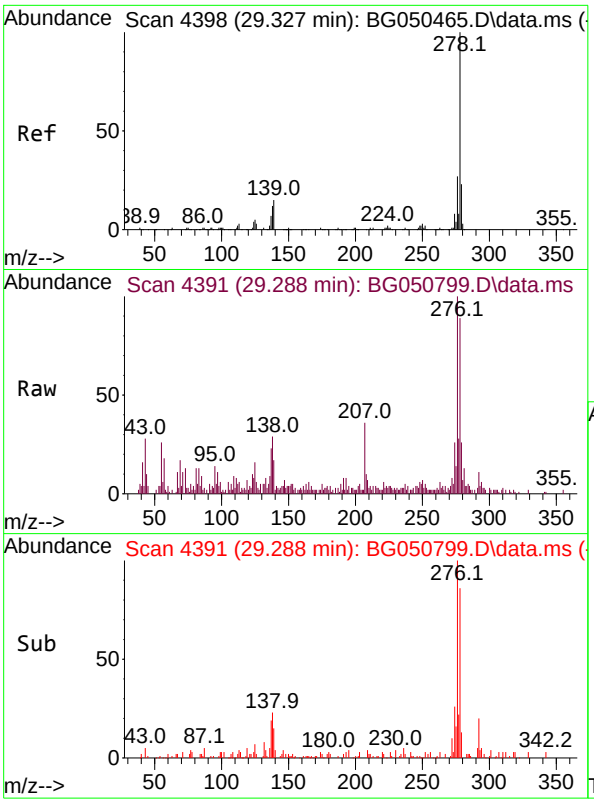


#90
Benzo(a)pyrene
Concen: 33.311 ng
RT: 25.157 min Scan# 3688
Delta R.T. 0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:252 Resp: 362650

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.6	25.0
125	10.5	3.5	5.3#



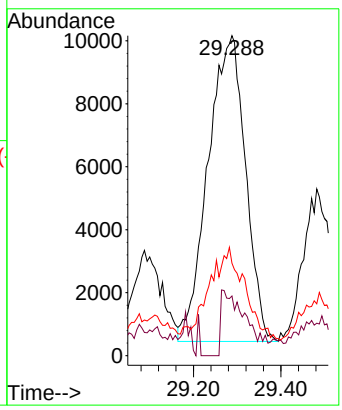


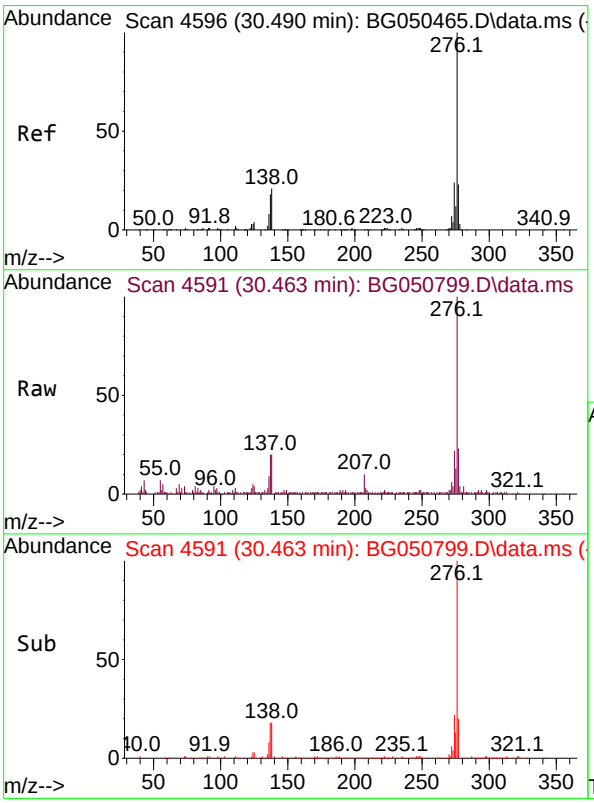
#91
Dibenzo(a,h)anthracene
Concen: 4.800 ng
RT: 29.288 min Scan# 4
Delta R.T. -0.017 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Instrument :
BNA_G
ClientSampleId :
OR-03-102921

Tgt Ion:278 Resp: 57813

Ion	Ratio	Lower	Upper
278	100		
139	18.7	4.6	6.8#
279	28.9	17.9	26.9#





#92
Benzo(g,h,i)perylene
Concen: 17.993 ng
RT: 30.463 min Scan# 4591
Delta R.T. -0.006 min
Lab File: BG050799.D
Acq: 1 Nov 2021 15:12

Tgt Ion:276 Resp: 212263

Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.4	27.6
138	19.6	7.0	10.6#