Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055983.D
Acq On : 15 Dec 2022 19:10
Operator : CG/JU
Sample : N6046-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Quant Time: Dec 16 04:05:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.376	152	9610	20.000	ng	0.00
21) Naphthalene-d8	11.208	136	36279	20.000	ng	# 0.00
39) Acenaphthene-d10	14.986	164	28977	20.000	ng	0.00
64) Phenanthrene-d10	17.718	188	72562	20.000	ng	0.00
76) Chrysene-d12	22.030	240	74477	20.000	ng	0.00
86) Perylene-d12	25.538	264	87866	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.890	112	20888	50.974	ng	0.00
7) Phenol-d6	7.500	99	26261	49.828	ng	0.00
23) Nitrobenzene-d5	9.545	82	17070	32.881	ng	0.00
42) 2,4,6-Tribromophenol	16.460	330	33084	47.349	ng	0.00
45) 2-Fluorobiphenyl	13.611	172	64301	31.122	ng	0.00
79) Terphenyl-d14	20.297	244	119514	28.362	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.545	70	2741	7.256	ng	# 66
51) 2,6-Dinitrotoluene	14.980	165	3753	9.681	ng	# 25
57) 2,4-Dinitrotoluene	14.980	165	3753	6.413	ng	# 35
63) Azobenzene	16.319	77	3467	2.326	ng	# 1
75) Fluoranthene	19.751	202	13200	2.479	ng	96
78) Pyrene	20.115	202	13314	2.954	ng	99

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

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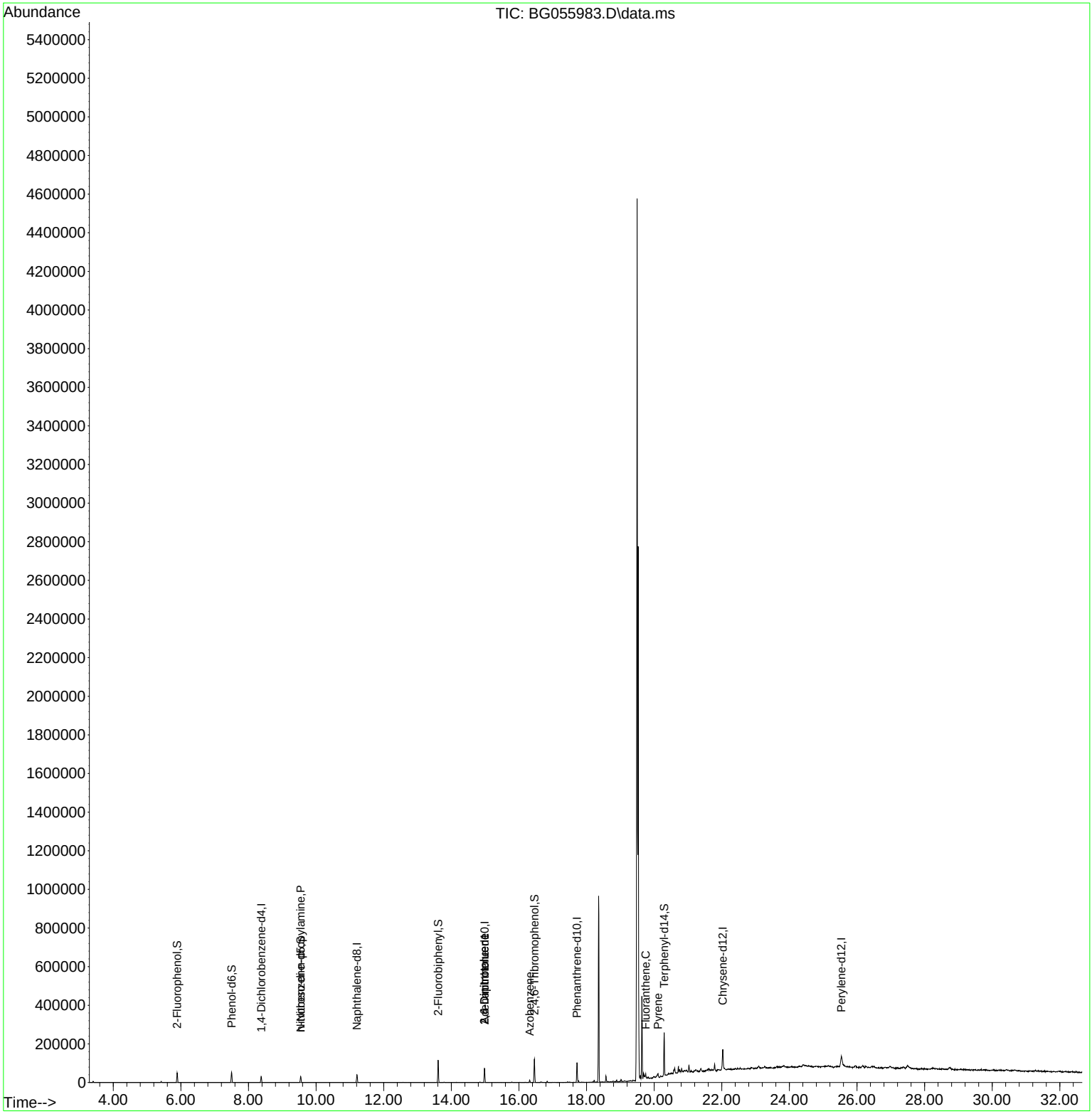
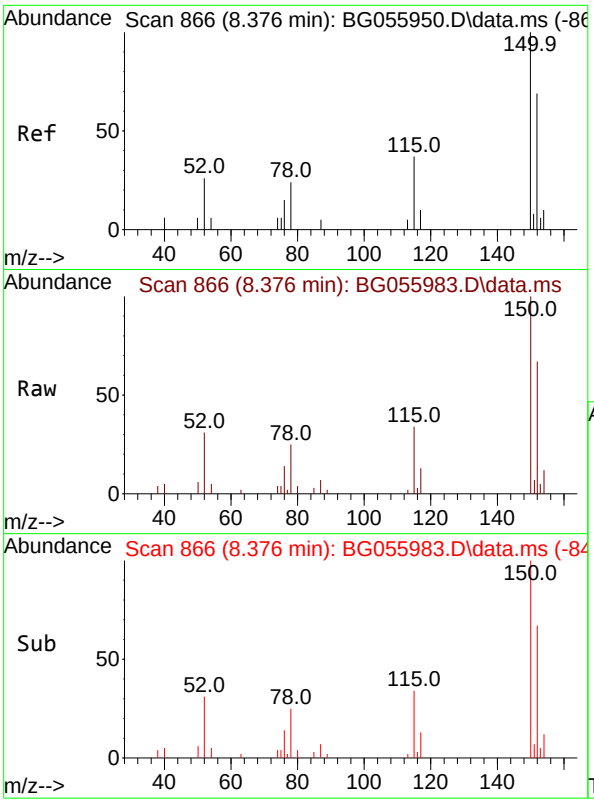


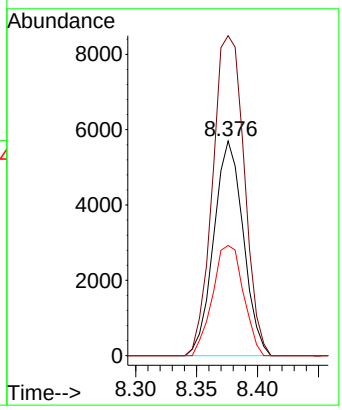


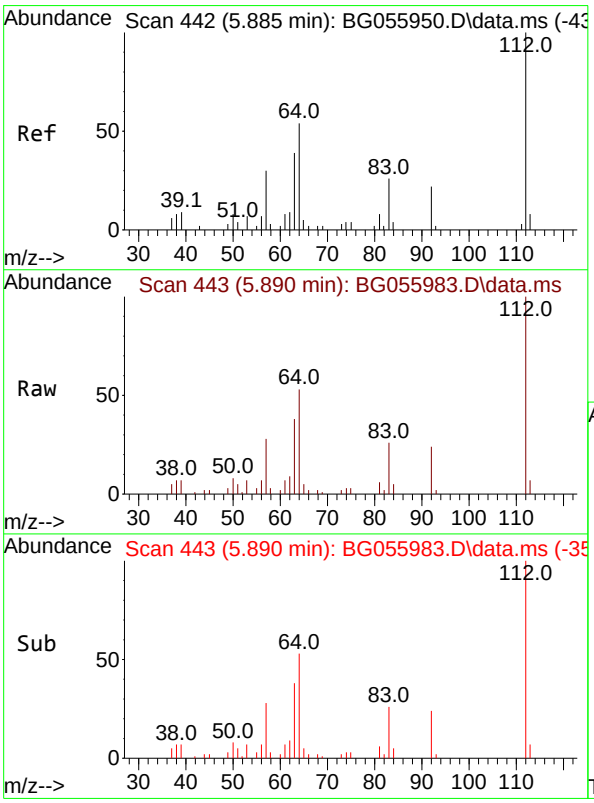
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.376 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:152 Resp: 9610

Ion	Ratio	Lower	Upper
152	100		
150	149.1	115.7	173.5
115	51.3	43.0	64.4

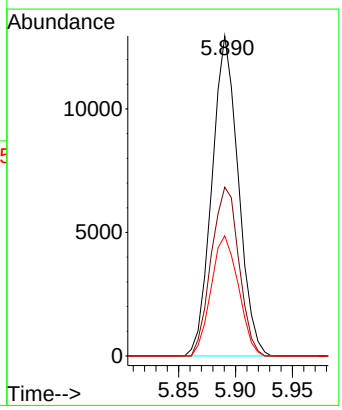


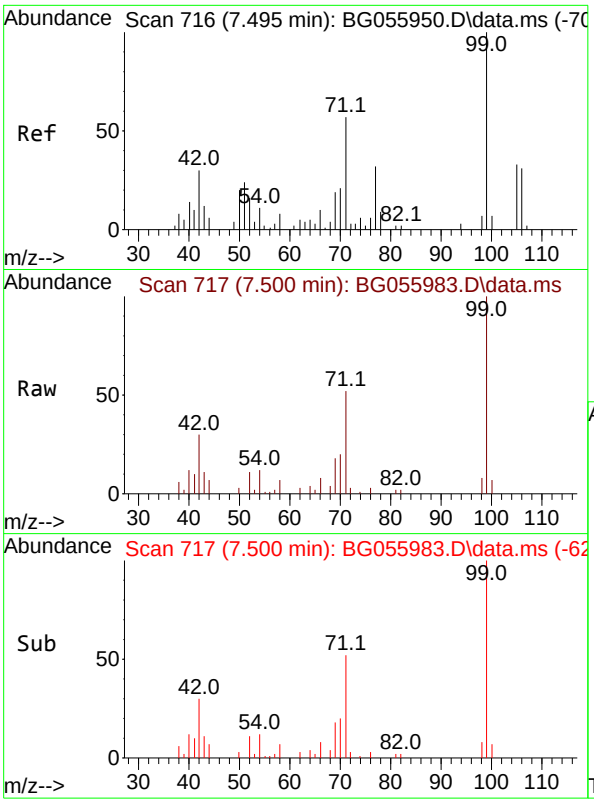


#5
2-Fluorophenol
Concen: 50.974 ng
RT: 5.890 min Scan# 443
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:112 Resp: 20888

Ion	Ratio	Lower	Upper
112	100		
64	52.7	43.0	64.4
63	37.6	31.4	47.2



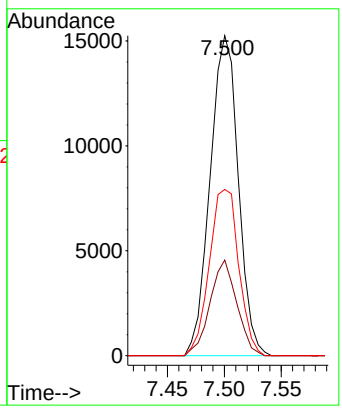


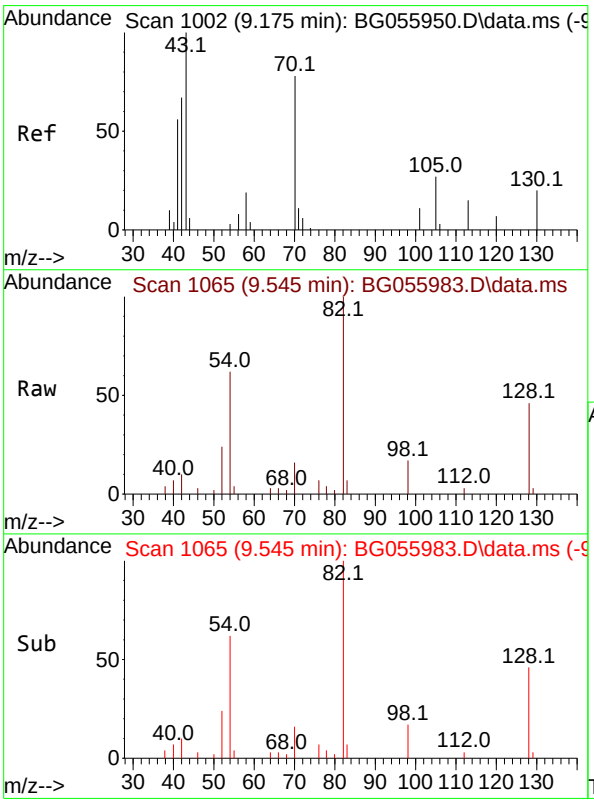
#7
Phenol-d6
Concen: 49.828 ng
RT: 7.500 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion: 99 Resp: 26261

Ion	Ratio	Lower	Upper
99	100		
42	29.9	24.3	36.5
71	51.9	45.6	68.4

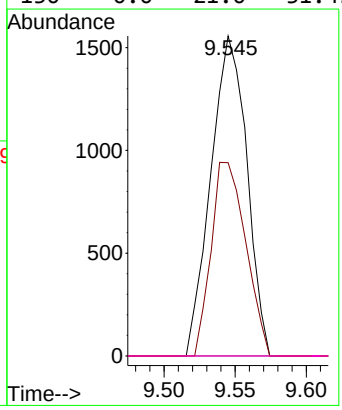


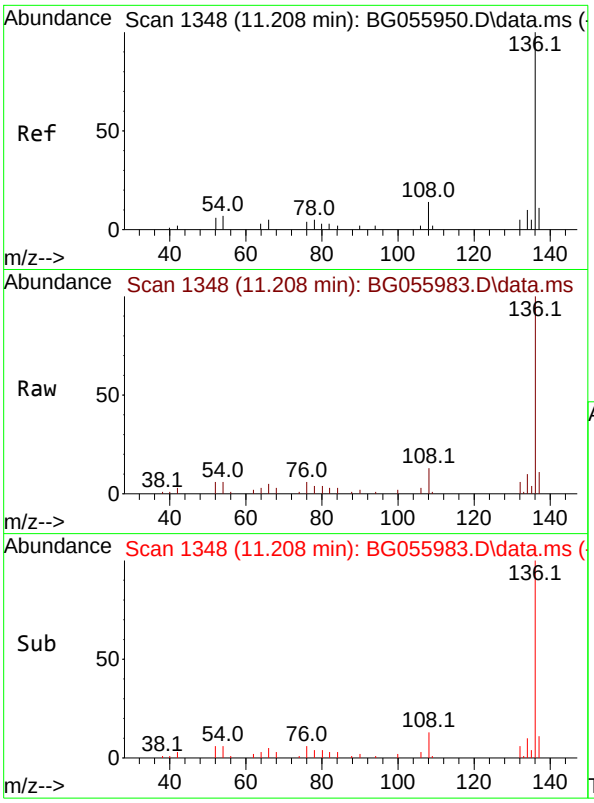


#19
n-Nitroso-di-n-propylamine
Concen: 7.256 ng
RT: 9.545 min Scan# 1065
Delta R.T. 0.369 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion: 70 Resp: 2741

Ion	Ratio	Lower	Upper
70	100		
42	60.4	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



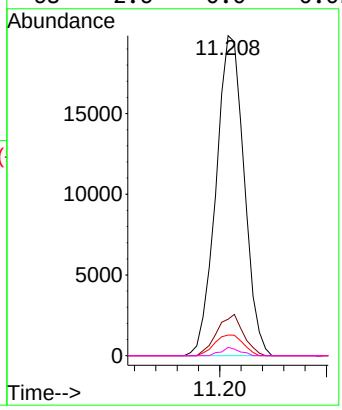


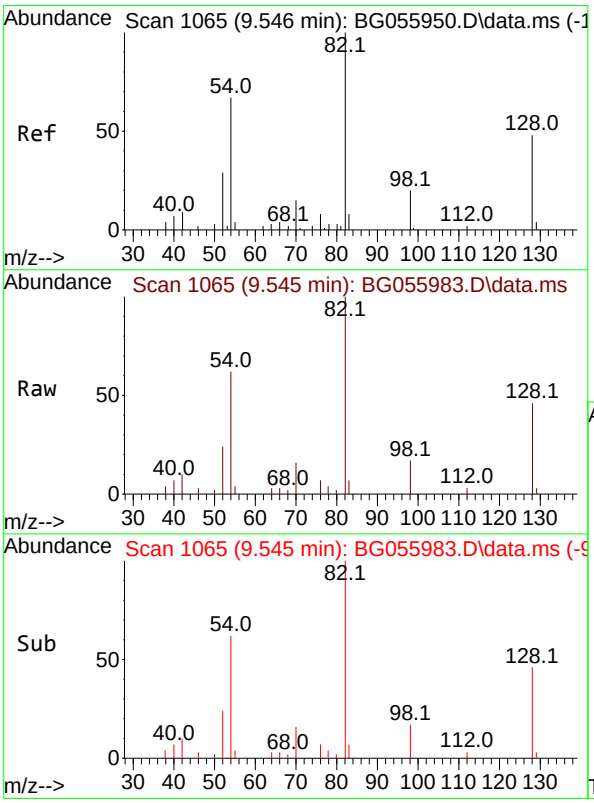
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.208 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:136 Resp: 36279

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.4	5.6	8.4
68	2.6	0.0	0.0#

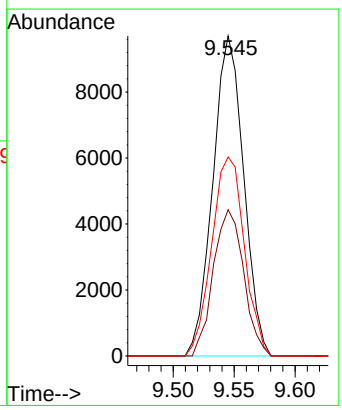


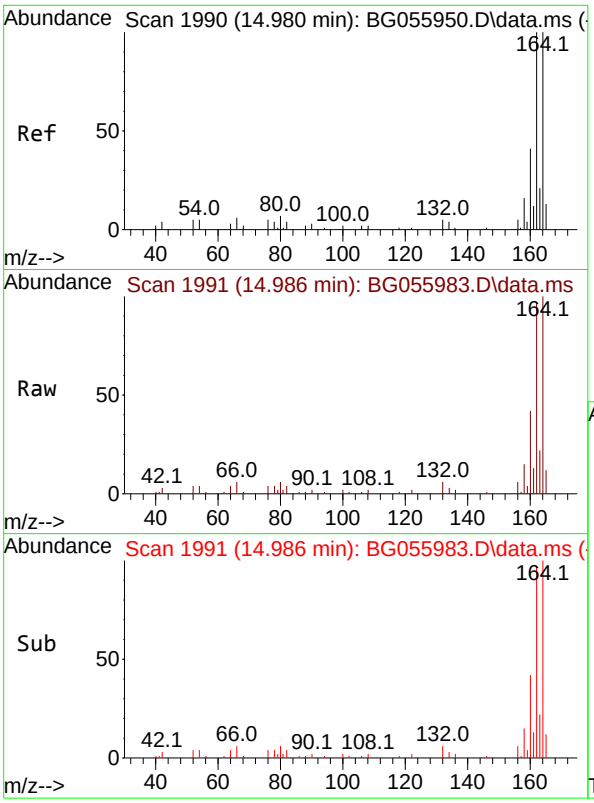


#23
Nitrobenzene-d5
Concen: 32.881 ng
RT: 9.545 min Scan# 1065
Delta R.T. -0.001 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion: 82 Resp: 17070

Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.4	57.6
54	62.2	53.3	79.9



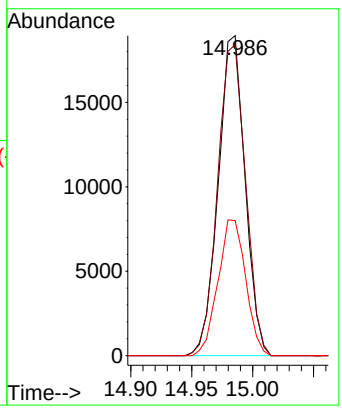


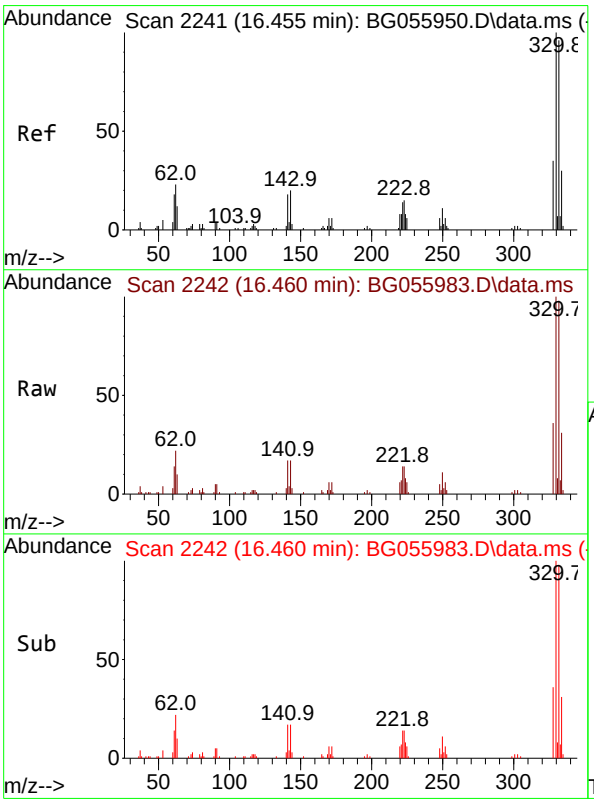
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.986 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:164 Resp: 28977

Ion	Ratio	Lower	Upper
164	100		
162	97.2	79.8	119.8
160	42.2	33.0	49.4

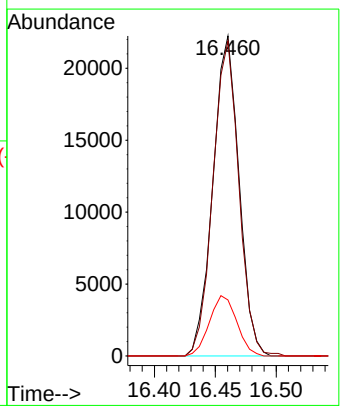


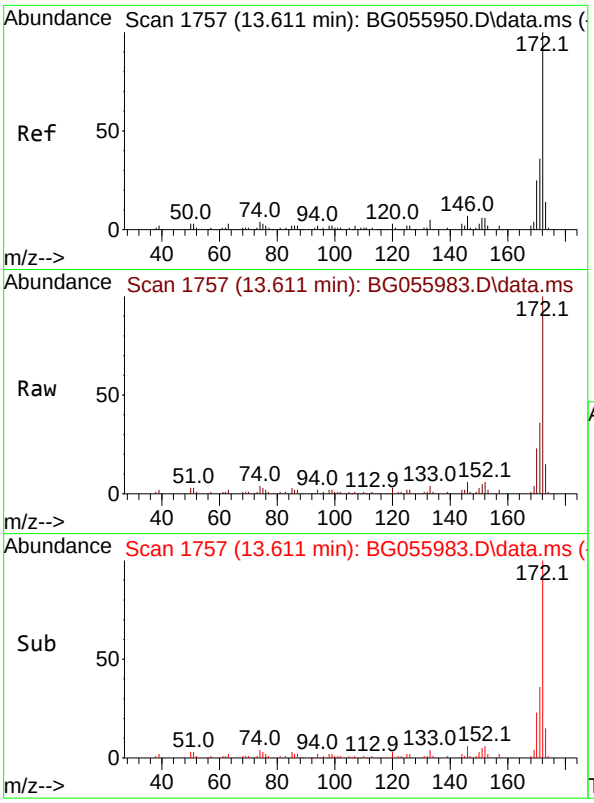


#42
2,4,6-Tribromophenol
Concen: 47.349 ng
RT: 16.460 min Scan# 2242
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:330 Resp: 33084

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.6	114.8
141	19.8	15.0	22.4



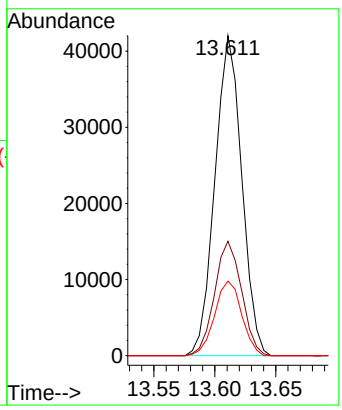


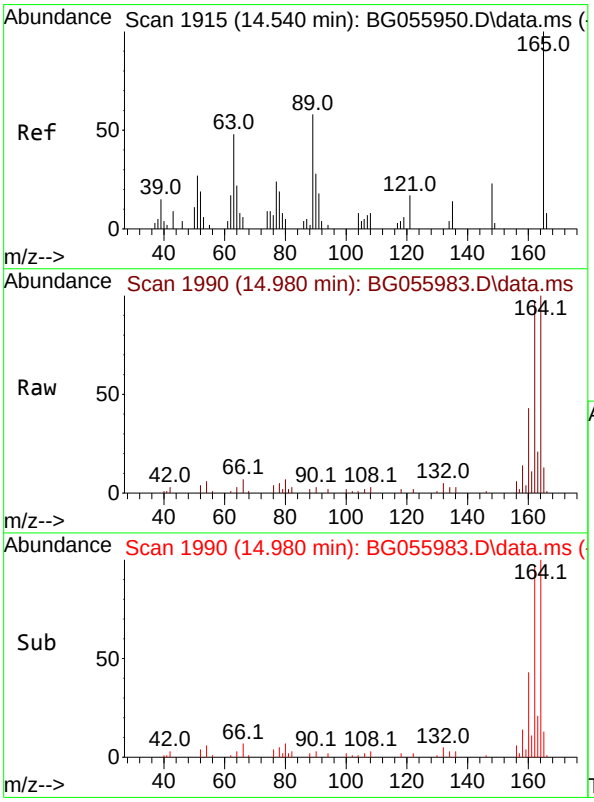
#45
2-Fluorobiphenyl
Concen: 31.122 ng
RT: 13.611 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:172 Resp: 64301

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.3	19.9	29.9

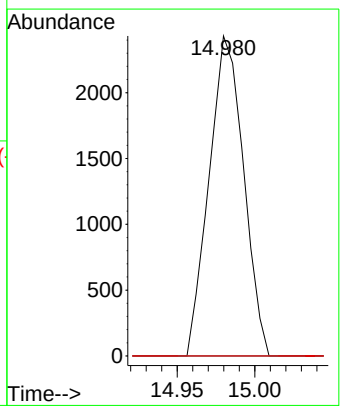


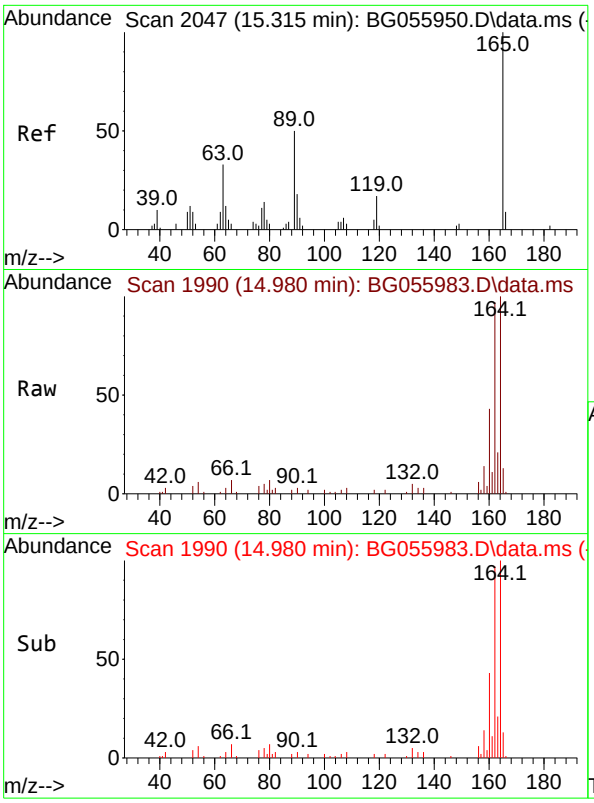


#51
2,6-Dinitrotoluene
Concen: 9.681 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.440 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:165 Resp: 3753

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	46.3	69.5#



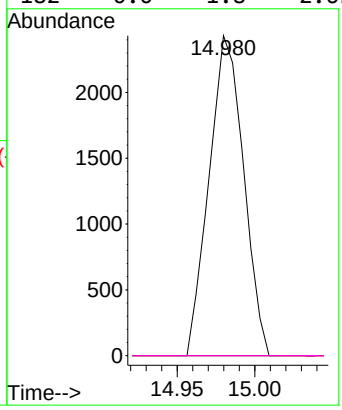


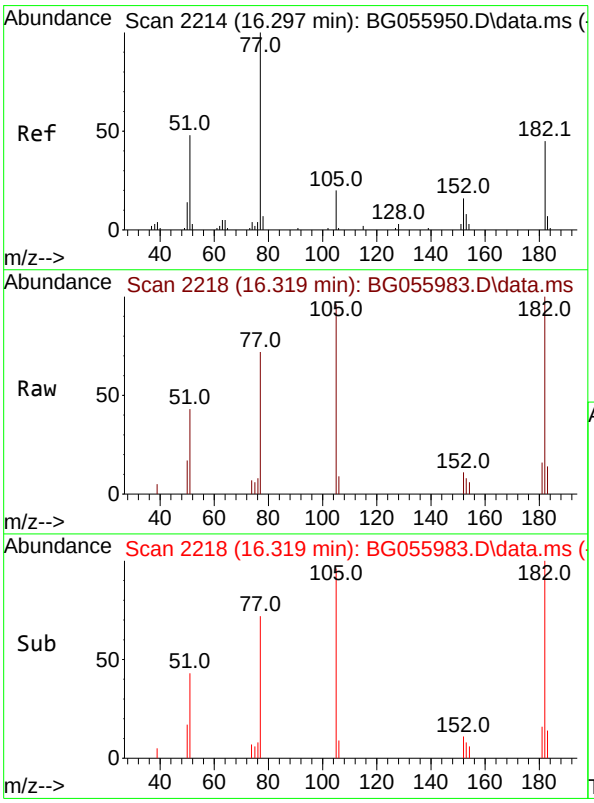
#57
2,4-Dinitrotoluene
Concen: 6.413 ng
RT: 14.980 min Scan# 1
Delta R.T. -0.336 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:165 Resp: 3753

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.6	39.8#
89	0.0	40.1	60.1#
182	0.0	1.8	2.6#

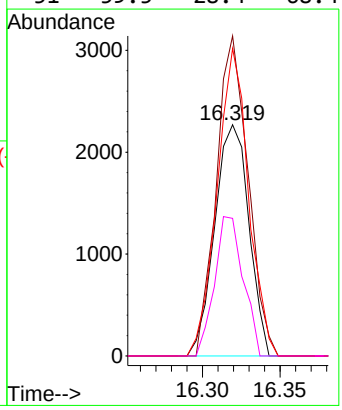


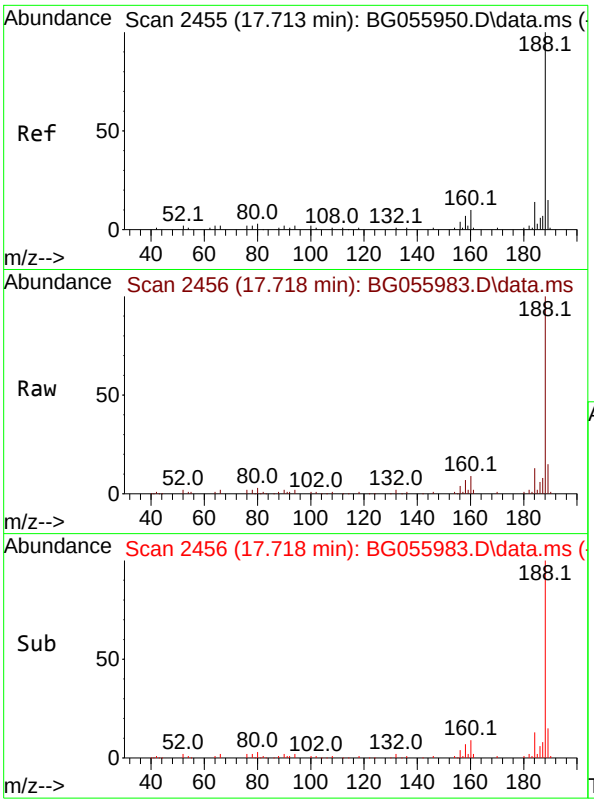


#63
Azobenzene
Concen: 2.326 ng
RT: 16.319 min Scan# 2218
Delta R.T. 0.023 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion: 77 Resp: 3467

Ion	Ratio	Lower	Upper
77	100		
182	138.4	24.7	64.7#
105	133.0	0.3	40.3#
51	59.5	28.4	68.4



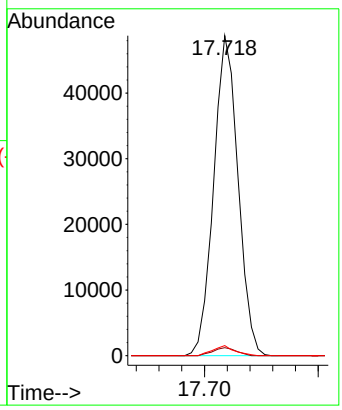


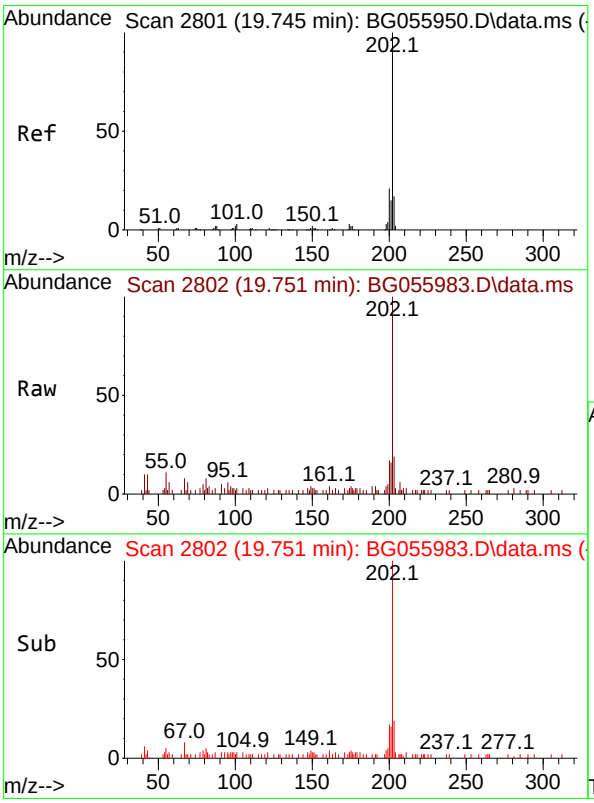
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.718 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:188 Resp: 72562

Ion	Ratio	Lower	Upper
188	100		
94	2.5	1.8	2.8
80	3.1	2.4	3.6

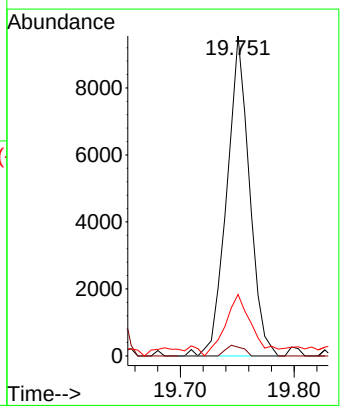


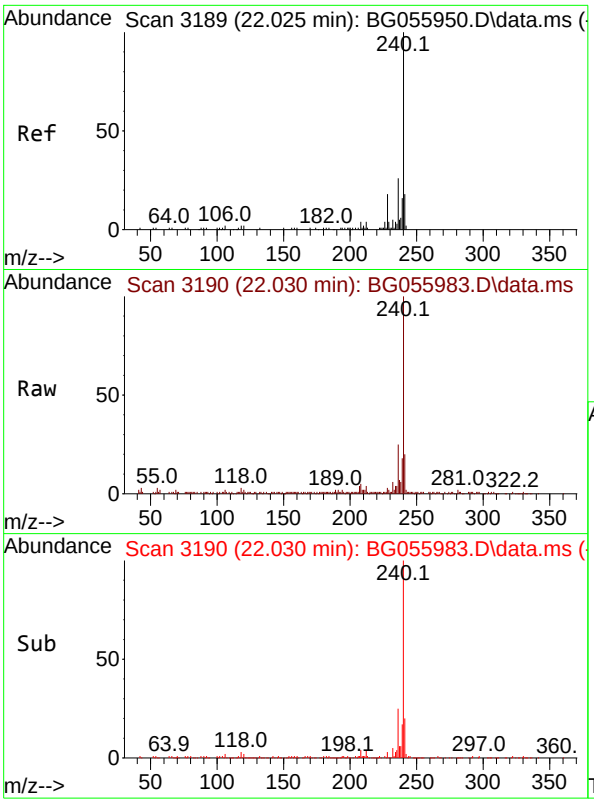


#75
Fluoranthene
Concen: 2.479 ng
RT: 19.751 min Scan# 2802
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:202 Resp: 13200

Ion	Ratio	Lower	Upper
202	100		
101	2.7	0.0	22.6
203	19.2	0.0	37.1



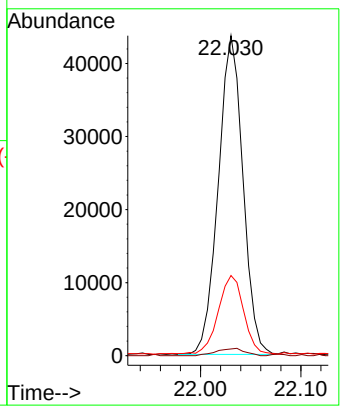


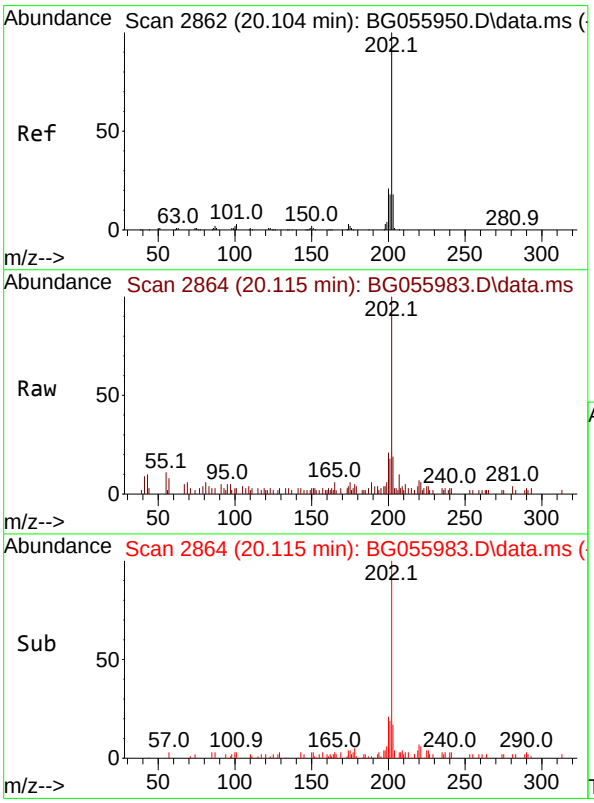
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.030 min Scan# 3
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:240 Resp: 74477

Ion	Ratio	Lower	Upper
240	100		
120	2.1	1.7	2.5
236	25.0	21.1	31.7

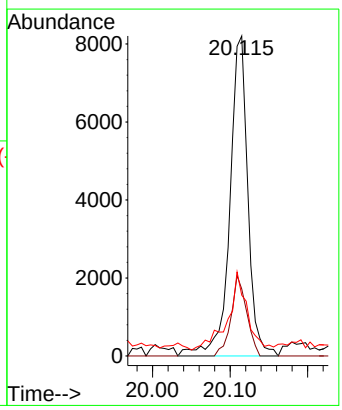


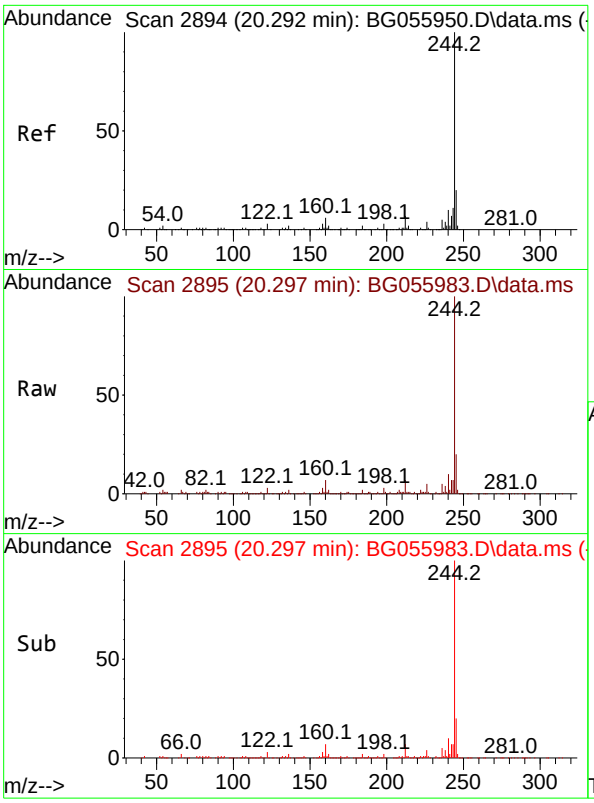


#78
Pyrene
Concen: 2.954 ng
RT: 20.115 min Scan# 2864
Delta R.T. 0.011 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:202 Resp: 13314

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	19.0	14.6	21.8



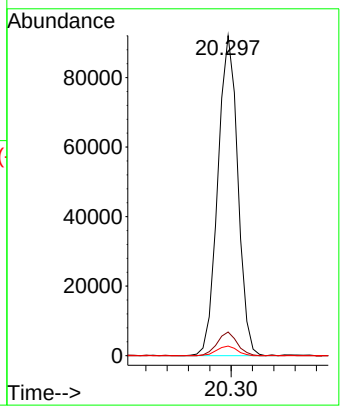


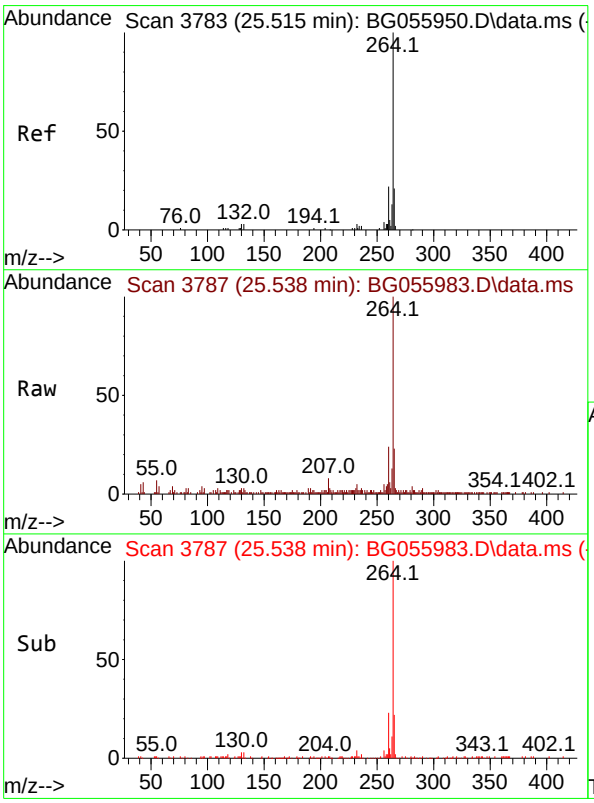
#79
Terphenyl-d14
Concen: 28.362 ng
RT: 20.297 min Scan# 2
Delta R.T. 0.005 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Instrument :
BNA_G
ClientSampleId :
HR-01-121322

Tgt Ion:244 Resp: 119514

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	3.0	2.5	3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.538 min Scan# 3787
Delta R.T. 0.023 min
Lab File: BG055983.D
Acq: 15 Dec 2022 19:10

Tgt Ion:264 Resp: 87866

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.8	26.8
265	23.3	16.6	25.0