Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055489.D
Acq On : 7 Nov 2022 22:56
Operator : CG/JU
Sample : N5460-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 03:54:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration

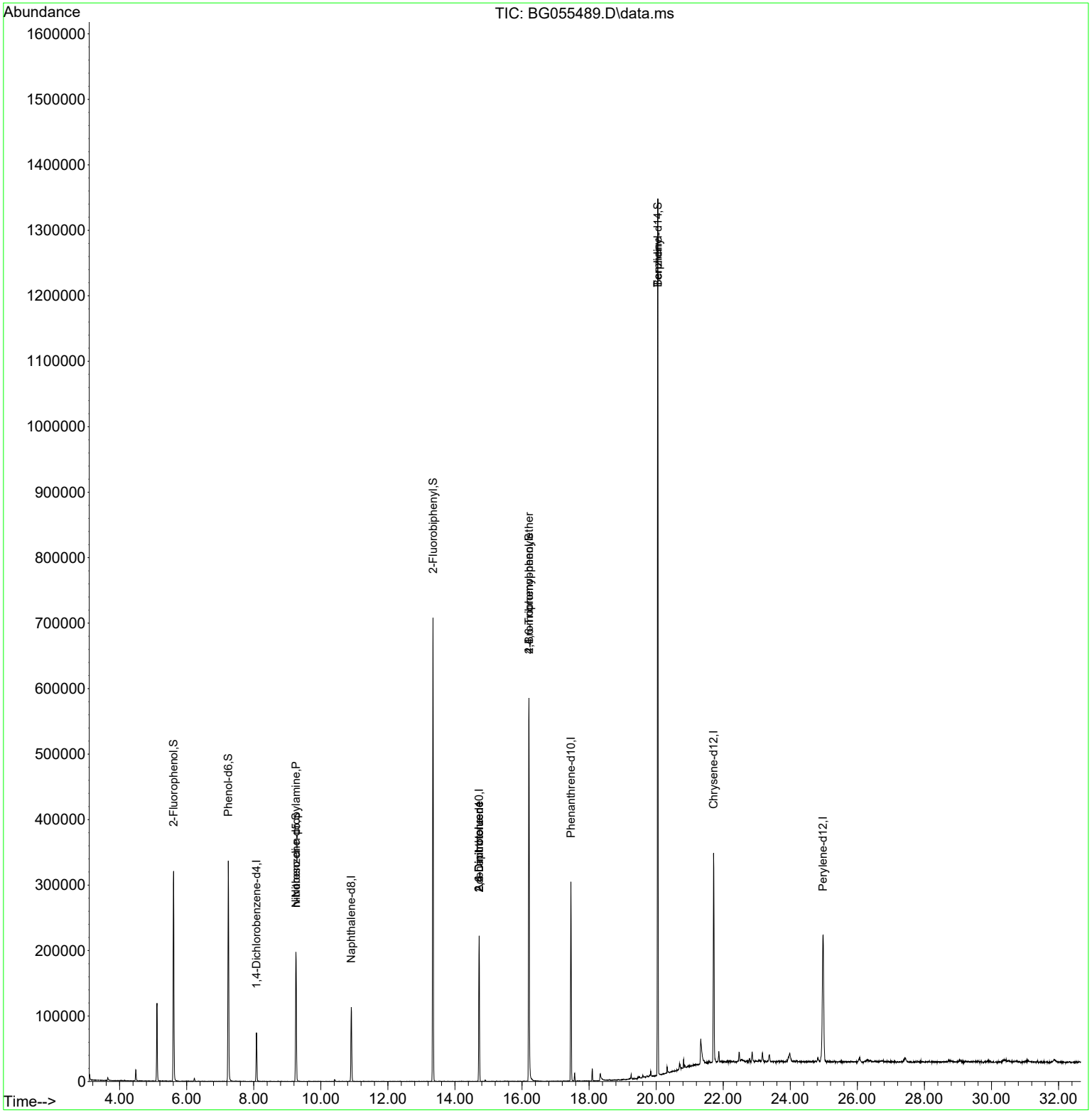
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	23038	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	105219	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	81449	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	197281	20.000	ng	0.00
76) Chrysene-d12	21.713	240	199576	20.000	ng	-0.01
86) Perylene-d12	24.974	264	223221	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	165291	128.847	ng	0.00
7) Phenol-d6	7.242	99	220764	124.095	ng	0.00
23) Nitrobenzene-d5	9.257	82	125382	63.508	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	148275	133.463	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	383843	69.873	ng	0.00
79) Terphenyl-d14	20.050	244	718905	70.045	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.257	70	15675	11.276	ng	# 77
51) 2,6-Dinitrotoluene	14.721	165	10779	7.573	ng	# 27
57) 2,4-Dinitrotoluene	14.721	165	10779	5.296	ng	# 25
67) 4-Bromophenyl-phenylether	16.208	248	8734	3.745	ng	# 1
77) Benzidine	20.050	184	9270	2.231	ng	# 92

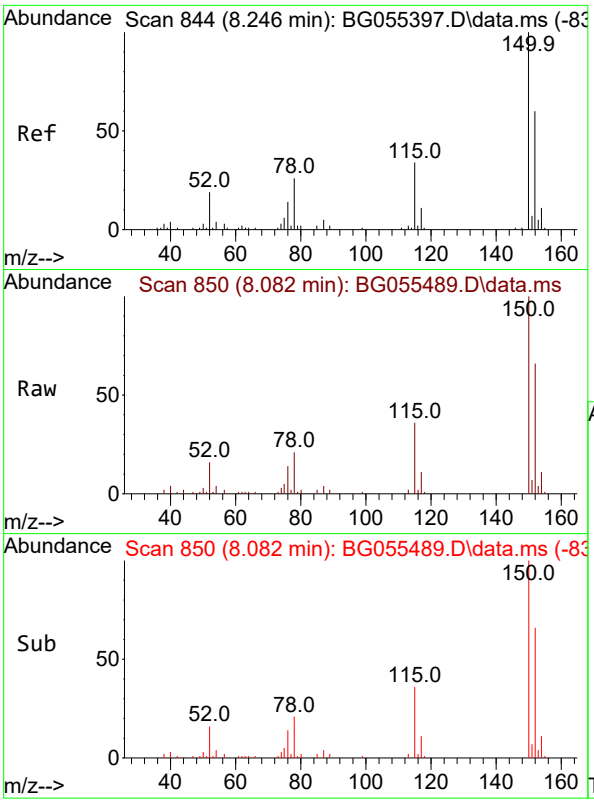
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
Data File : BG055489.D
Acq On : 7 Nov 2022 22:56
Operator : CG/JU
Sample : N5460-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Nov 08 03:54:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 03:46:08 2022
Response via : Initial Calibration



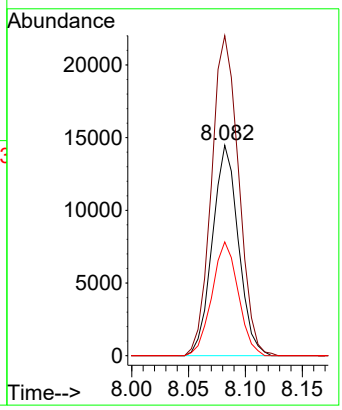


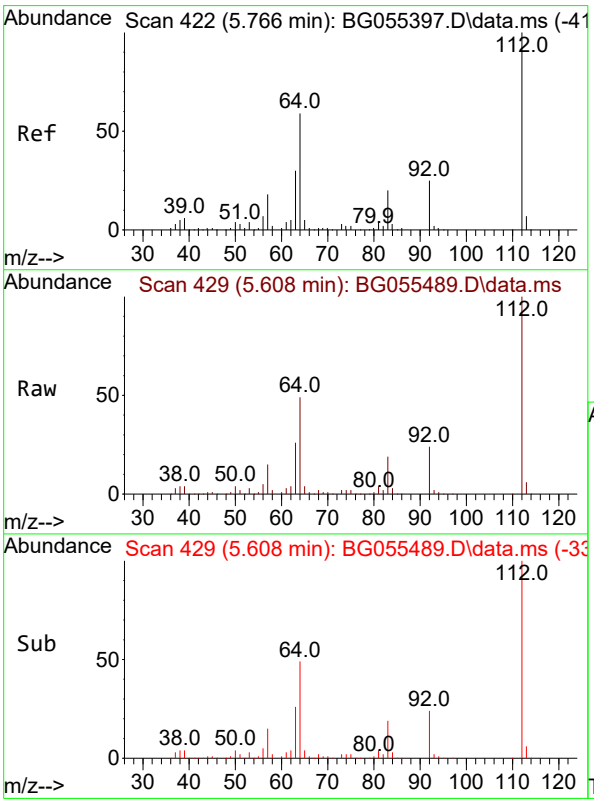
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 8
Delta R.T. -0.000 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23038

Ion	Ratio	Lower	Upper
152	100		
150	152.1	132.8	199.2
115	54.1	45.1	67.7

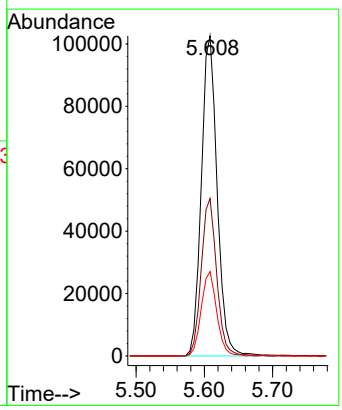


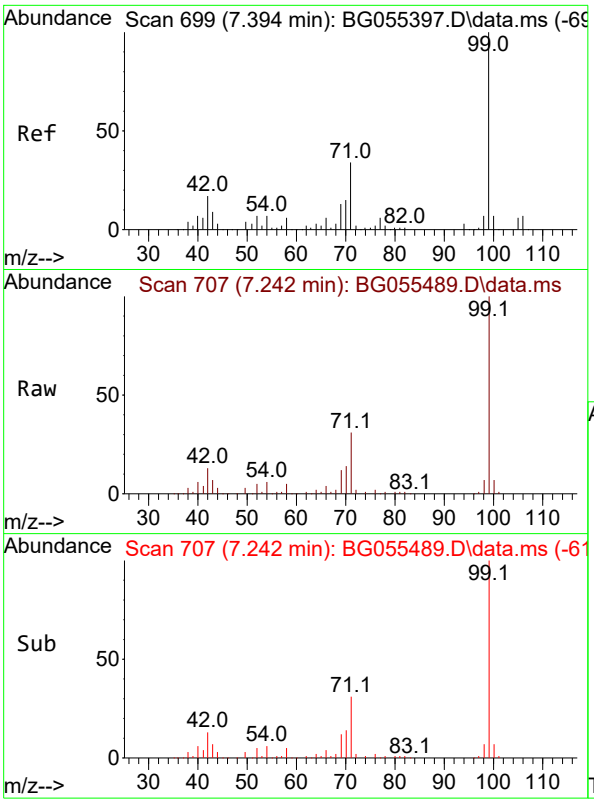


#5
2-Fluorophenol
Concen: 128.847 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:112 Resp: 165291

Ion	Ratio	Lower	Upper
112	100		
64	49.2	47.2	70.8
63	26.4	24.3	36.5



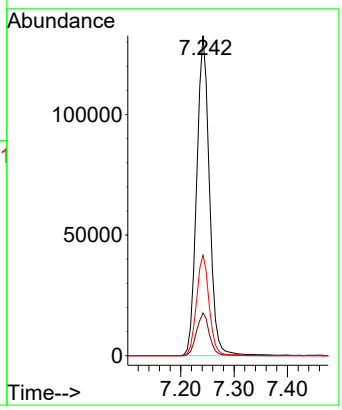


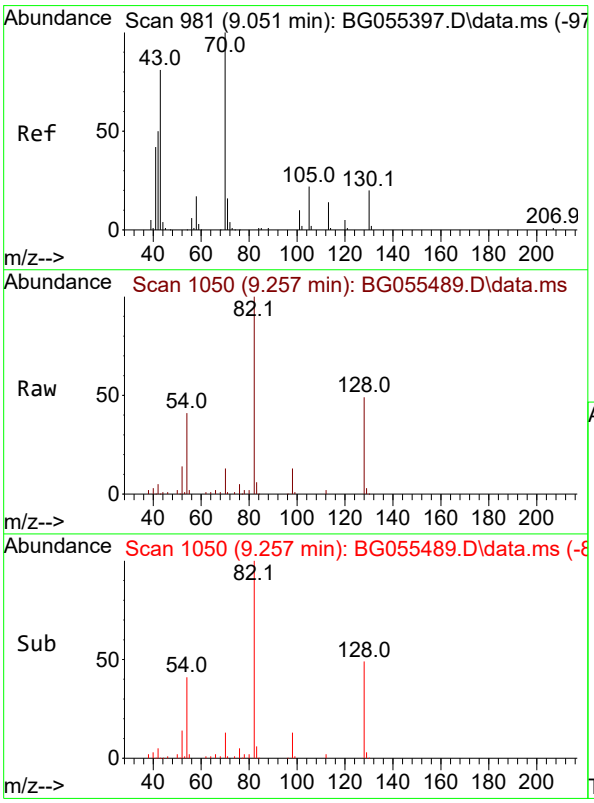
#7
Phenol-d6
Concen: 124.095 ng
RT: 7.242 min Scan# 7
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 220764

Ion	Ratio	Lower	Upper
99	100		
42	13.4	13.5	20.3#
71	31.4	27.4	41.0

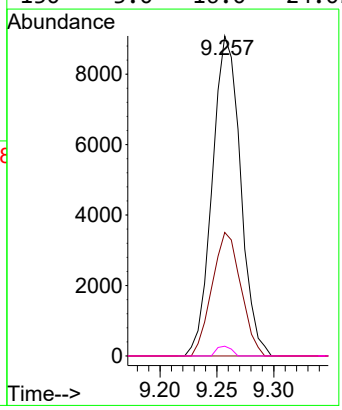


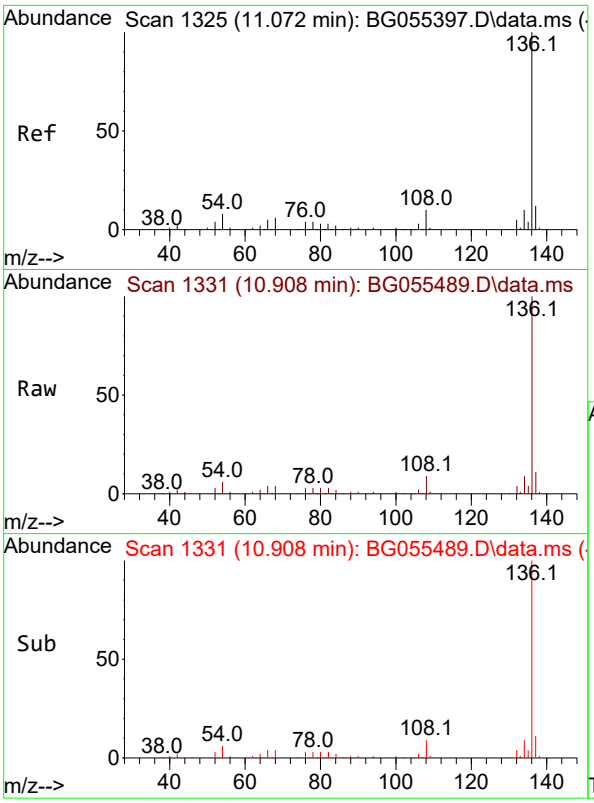


#19
n-Nitroso-di-n-propylamine
Concen: 11.276 ng
RT: 9.257 min Scan# 1050
Delta R.T. 0.358 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion: 70 Resp: 15675

Ion	Ratio	Lower	Upper
70	100		
42	38.6	40.6	61.0#
101	0.0	7.8	11.6#
130	3.0	16.0	24.0#



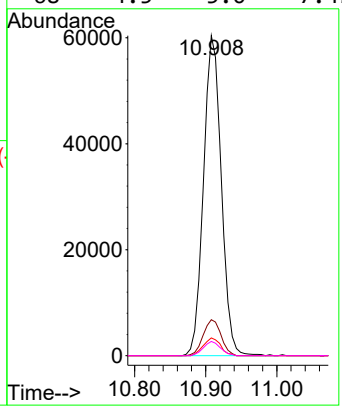


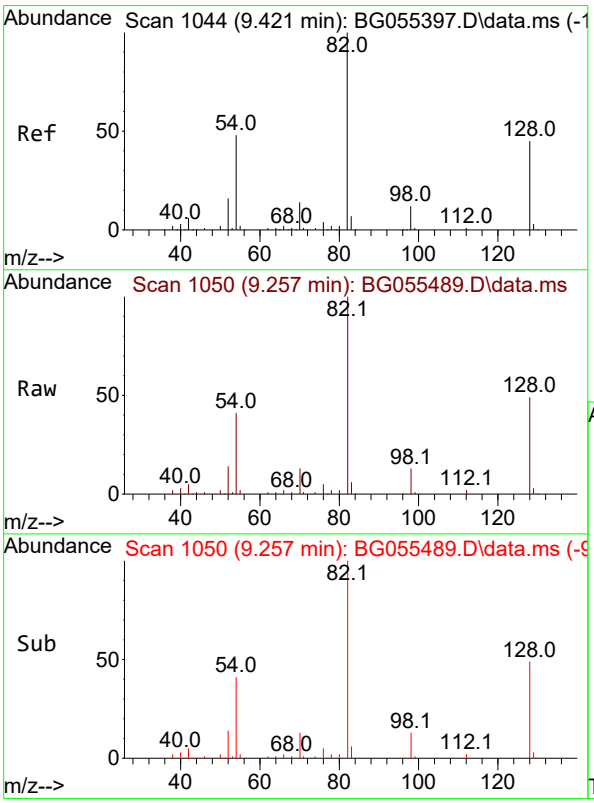
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 105219

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.2
54	5.5	6.1	9.1#
68	4.5	5.0	7.4#

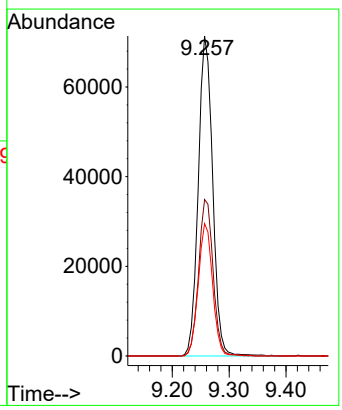


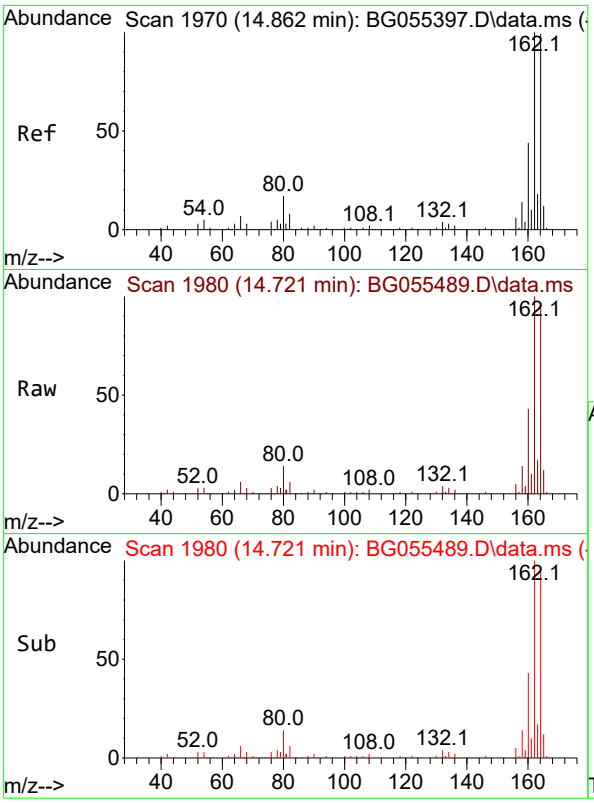


#23
Nitrobenzene-d5
Concen: 63.508 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion: 82 Resp: 125382

Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.8	53.8
54	41.4	38.1	57.1



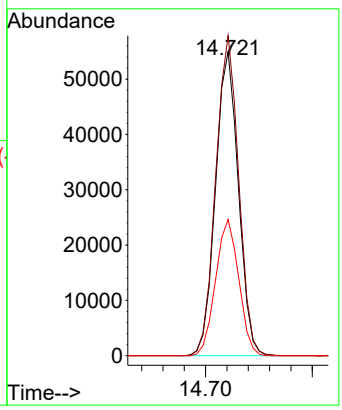


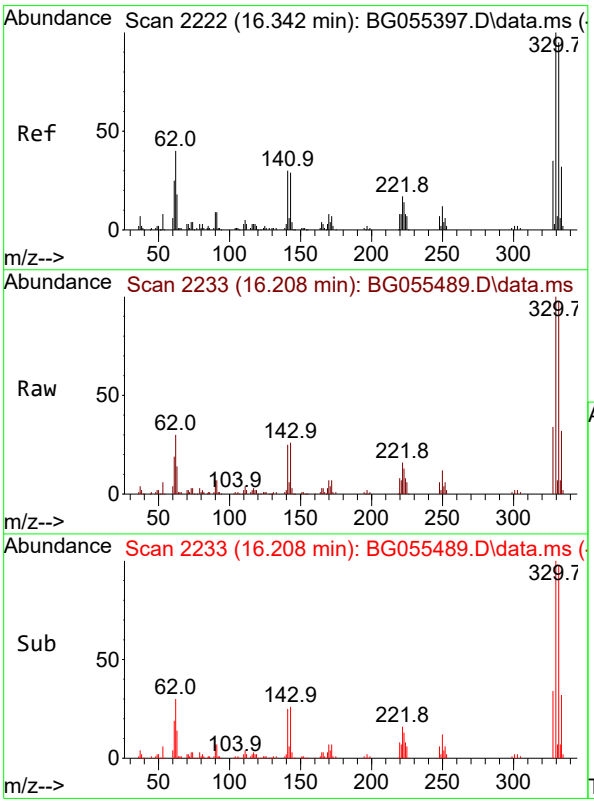
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 81449

Ion	Ratio	Lower	Upper
164	100		
162	105.3	81.1	121.7
160	44.8	35.8	53.6

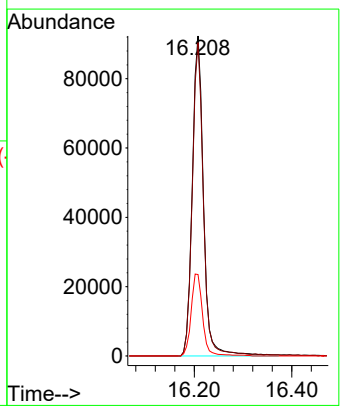


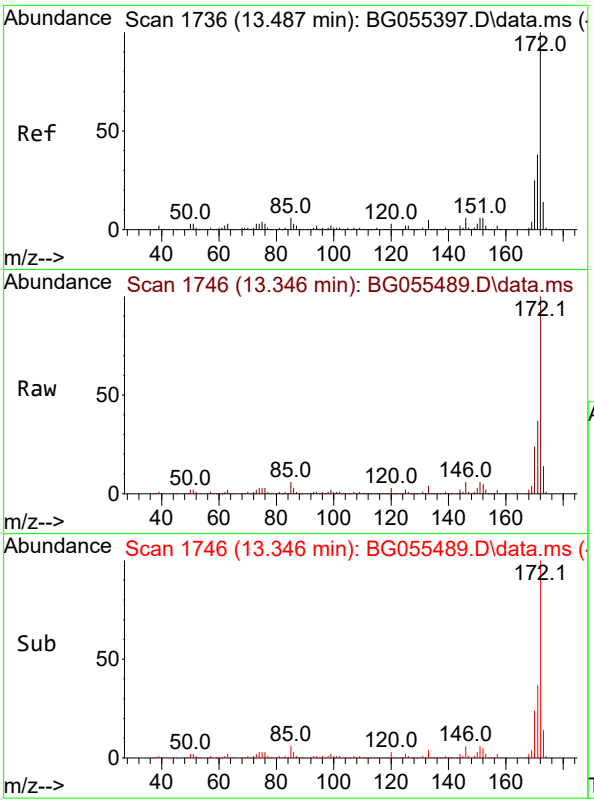


#42
2,4,6-Tribromophenol
Concen: 133.463 ng
RT: 16.208 min Scan# 2233
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:330 Resp: 148275

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	26.2	24.2	36.2



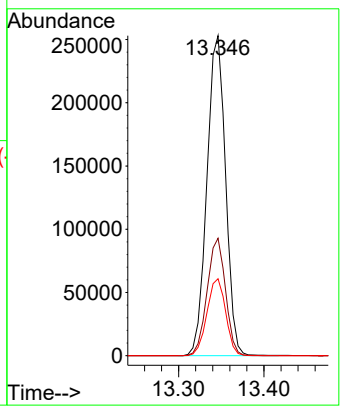


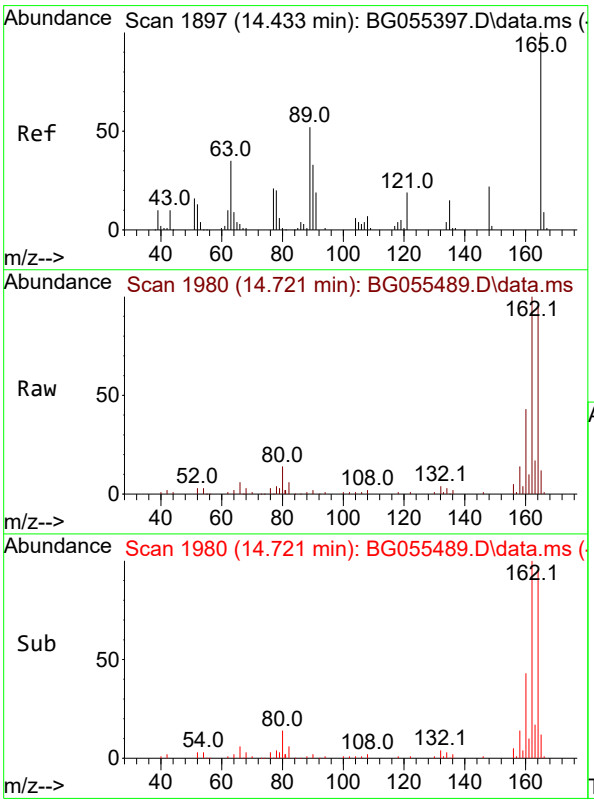
#45
2-Fluorobiphenyl
Concen: 69.873 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 383843

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.2	45.2
170	24.1	20.2	30.2

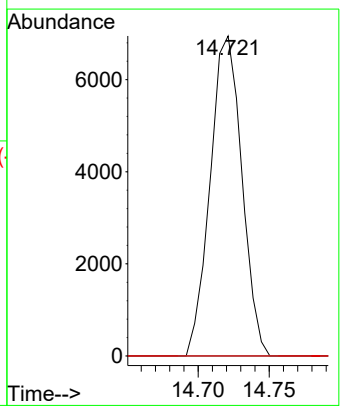


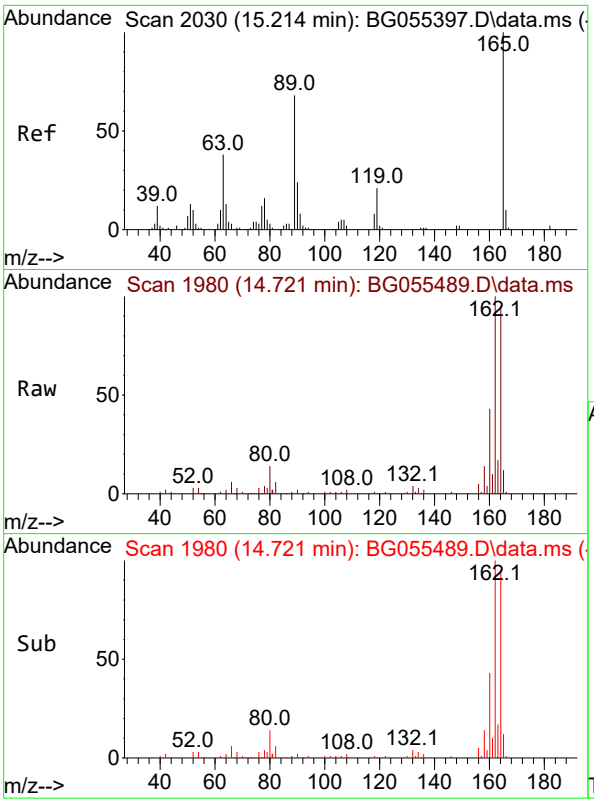


#51
2,6-Dinitrotoluene
Concen: 7.573 ng
RT: 14.721 min Scan# 1980
Delta R.T. 0.422 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:165 Resp: 10779

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.2	57.4#
89	0.0	41.8	62.6#



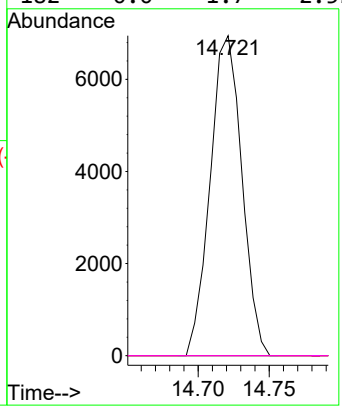


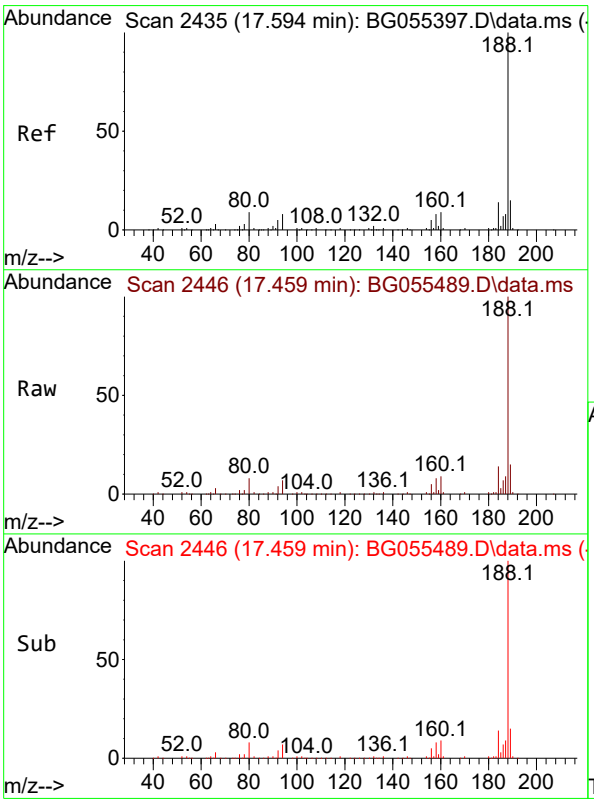
#57
2,4-Dinitrotoluene
Concen: 5.296 ng
RT: 14.721 min Scan# 1
Delta R.T. -0.371 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10779

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.8	46.2#
89	0.0	54.5	81.7#
182	0.0	1.7	2.5#

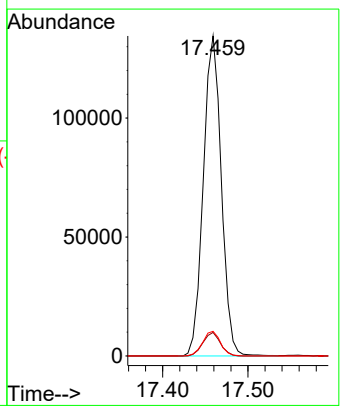


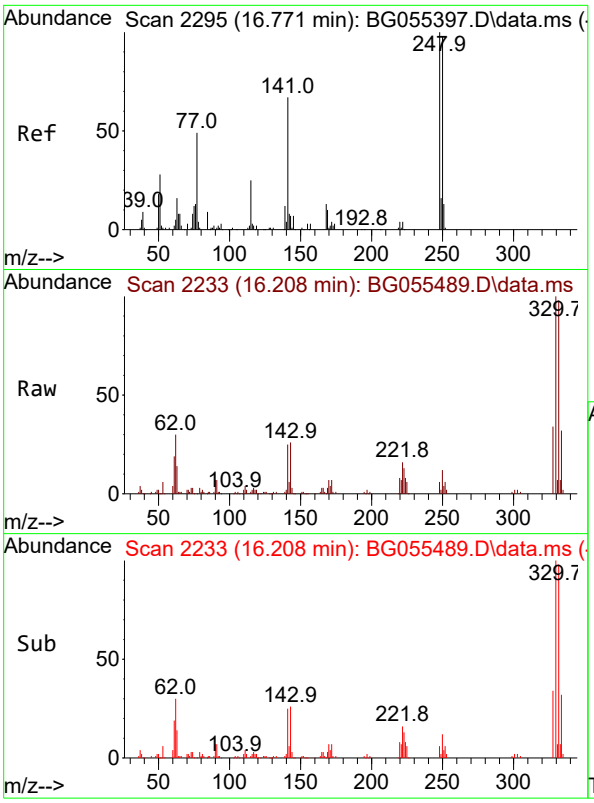


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:188 Resp: 197281

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.5	9.7
80	7.7	7.4	11.0



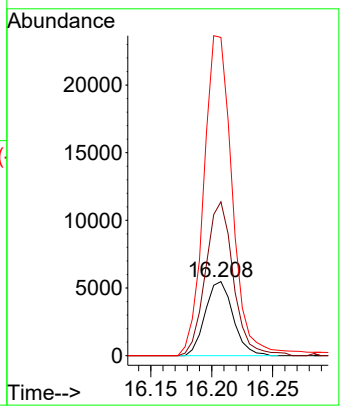


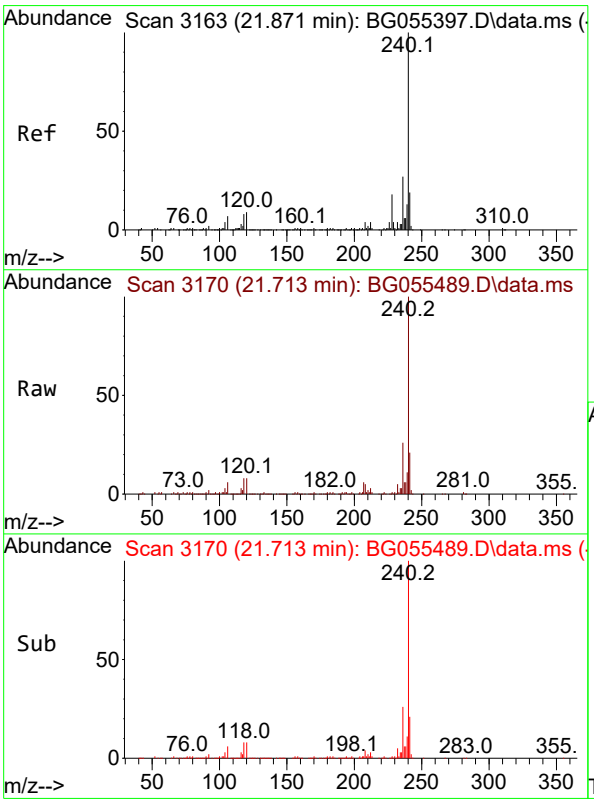
#67
4-Bromophenyl-phenylether
Concen: 3.745 ng
RT: 16.208 min Scan# 2
Delta R.T. -0.436 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 8734

Ion	Ratio	Lower	Upper
248	100		
250	207.9	78.3	117.5#
141	429.7	53.7	80.5#

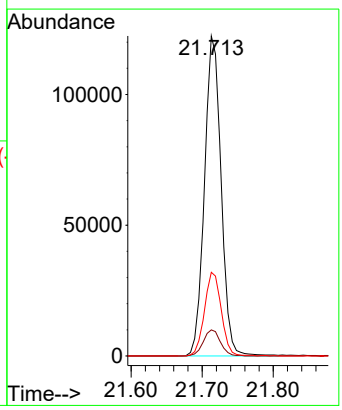


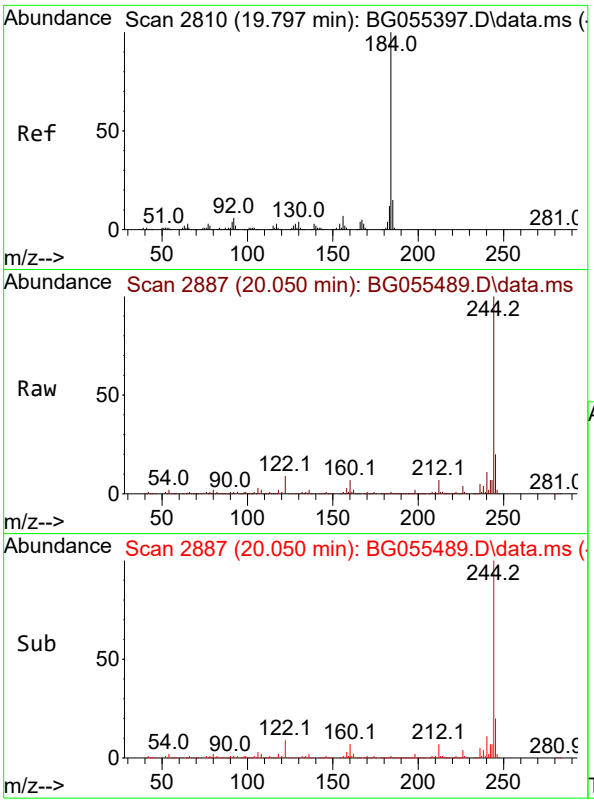


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:240 Resp: 199576

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.2	21.5	32.3



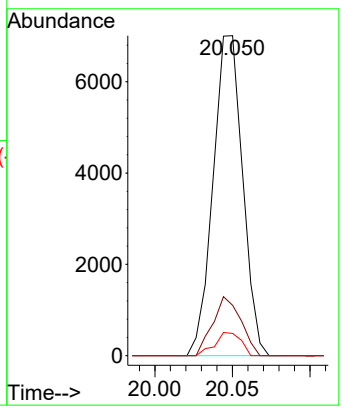


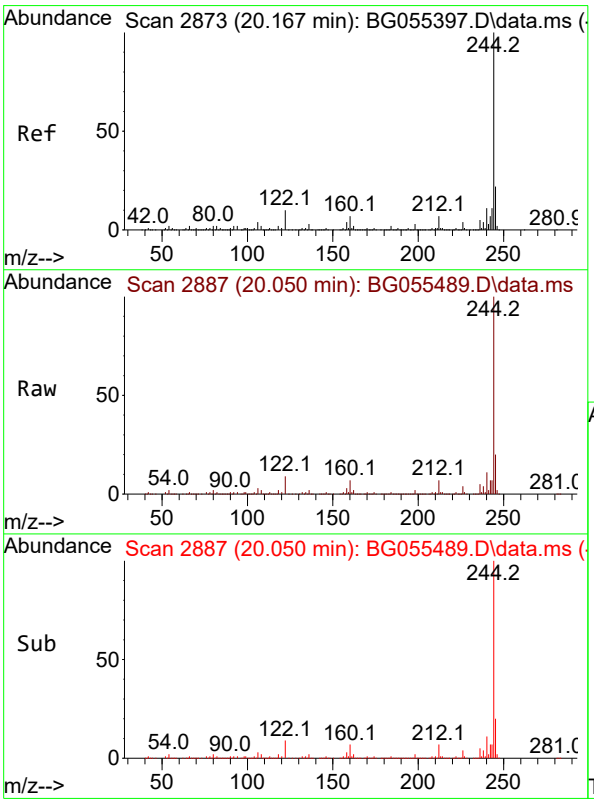
#77
Benzidine
Concen: 2.231 ng
RT: 20.050 min Scan# 2
Delta R.T. 0.369 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 9270

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.7	17.5
183	7.0	9.8	14.8#

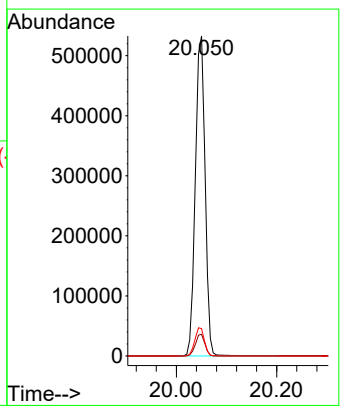


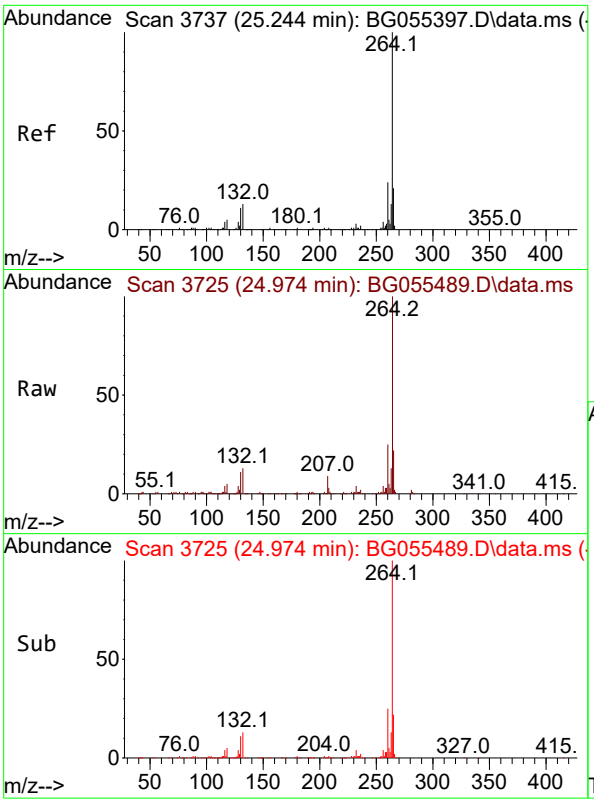


#79
Terphenyl-d14
Concen: 70.045 ng
RT: 20.050 min Scan# 2887
Delta R.T. -0.001 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Tgt Ion:244 Resp: 718905

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	8.5	7.8	11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.974 min Scan# 3
Delta R.T. -0.013 min
Lab File: BG055489.D
Acq: 7 Nov 2022 22:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 223221

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	22.0	17.1	25.7