Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
Data File : BG055218.D
Acq On : 20 Oct 2022 11:58
Operator : CG/JU
Sample : PB148143BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Quant Time: Oct 20 14:35:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.283	152	35571	20.000	ng	0.00
21) Naphthalene-d8	11.115	136	164023	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	112073	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	269731	20.000	ng	0.00
76) Chrysene-d12	21.908	240	245868	20.000	ng	-0.01
86) Perylene-d12	25.322	264	249642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.803	112	352972	178.529	ng	0.00
7) Phenol-d6	7.419	99	484563	160.841	ng	0.00
23) Nitrobenzene-d5	9.458	82	296698	87.329	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	180661	155.567	ng	0.00
45) 2-Fluorobiphenyl	13.529	172	642306	91.544	ng	0.00
79) Terphenyl-d14	20.210	244	1193302	90.434	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.458	70	38982	15.086	ng	# 76
51) 2,6-Dinitrotoluene	14.898	165	14514	8.205	ng	# 16
57) 2,4-Dinitrotoluene	14.898	165	14514	5.868	ng	# 17
67) 4-Bromophenyl-phenylether	16.373	248	11735	4.464	ng	# 1
77) Benzidine	20.204	184	19290	3.085	ng	# 88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
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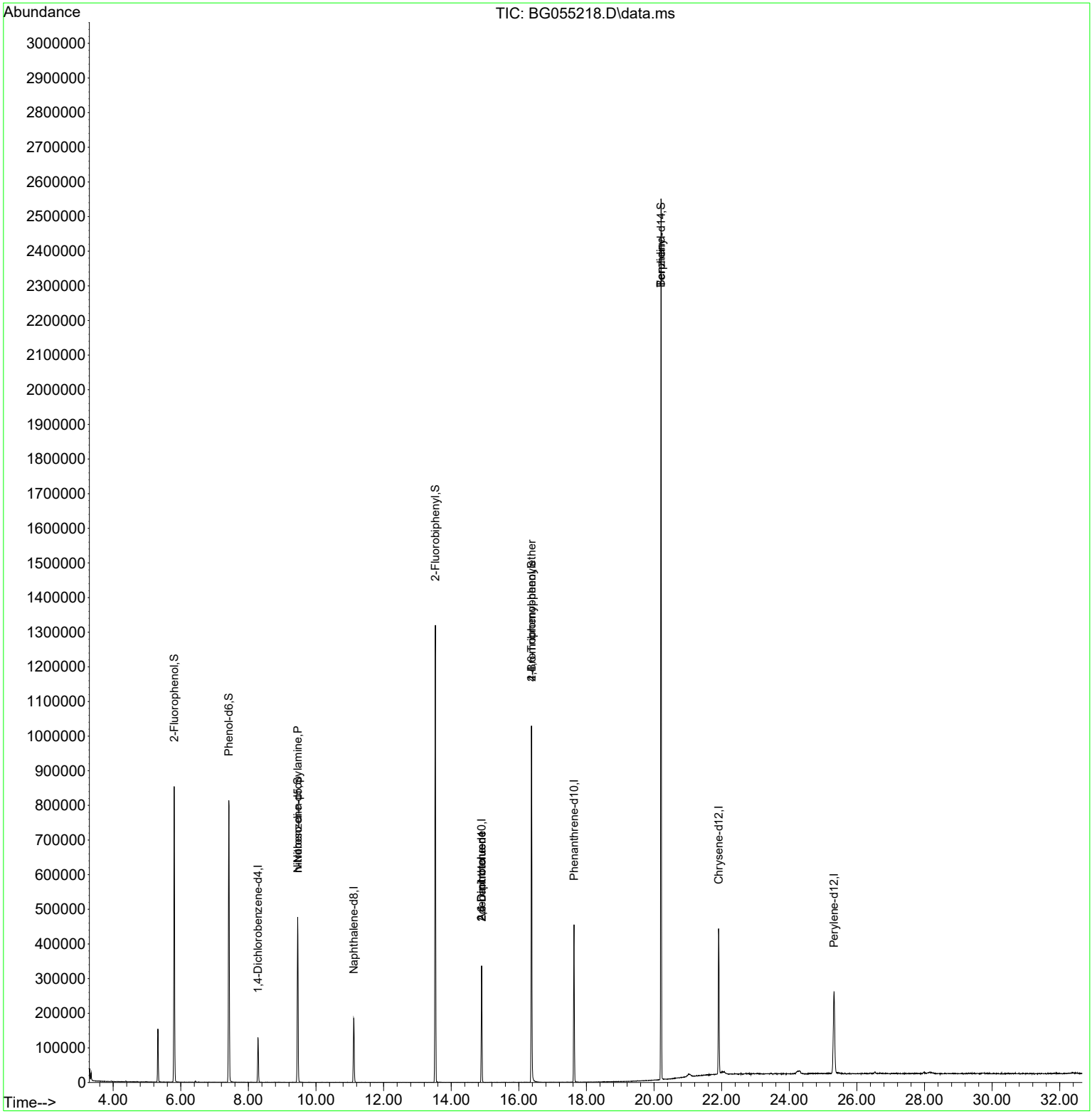
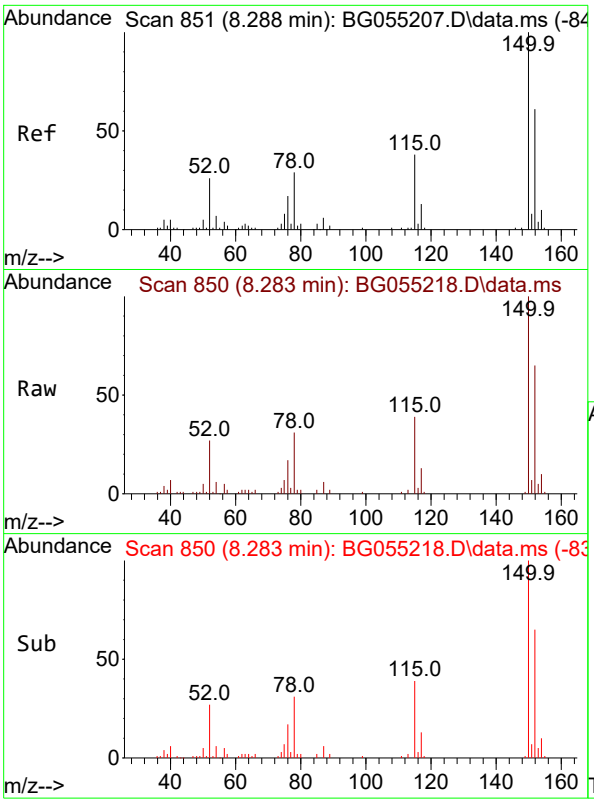
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 09:21:42 2022
Response via : Initial Calibration



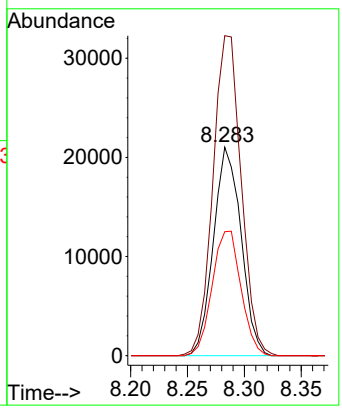


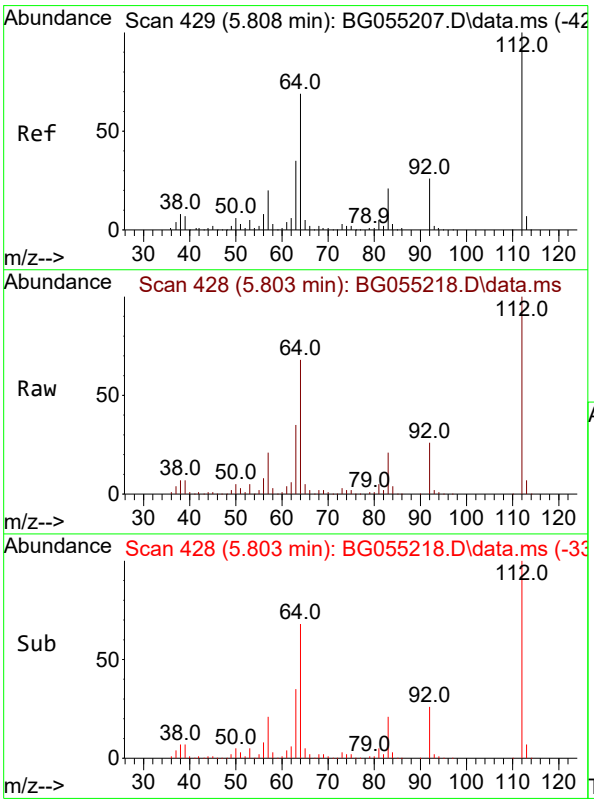
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.283 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:152 Resp: 35571

Ion	Ratio	Lower	Upper
152	100		
150	153.4	130.2	195.2
115	59.5	50.0	75.0

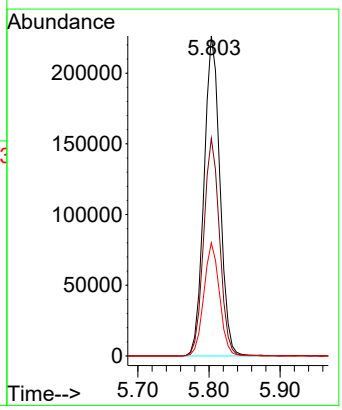


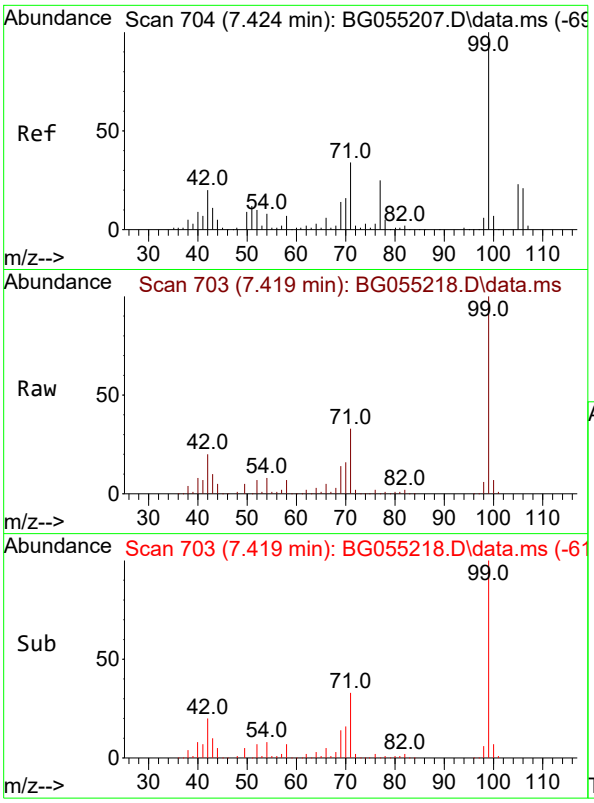


#5
2-Fluorophenol
Concen: 178.529 ng
RT: 5.803 min Scan# 428
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:112 Resp: 352972

Ion	Ratio	Lower	Upper
112	100		
64	68.0	55.1	82.7
63	35.3	27.8	41.6



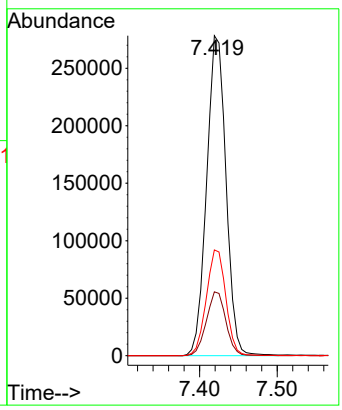


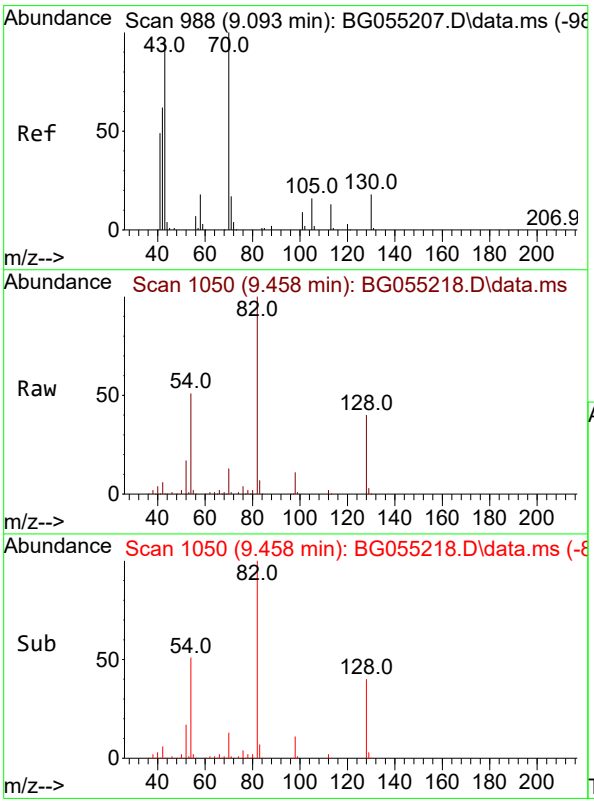
#7
Phenol-d6
Concen: 160.841 ng
RT: 7.419 min Scan# 7
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion: 99 Resp: 484563

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.4
71	33.1	27.3	40.9

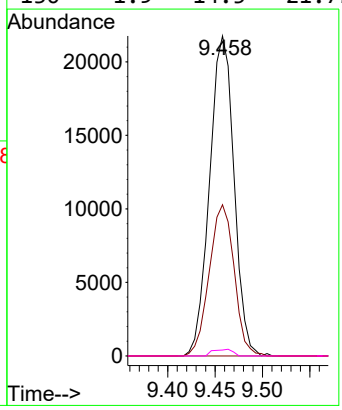


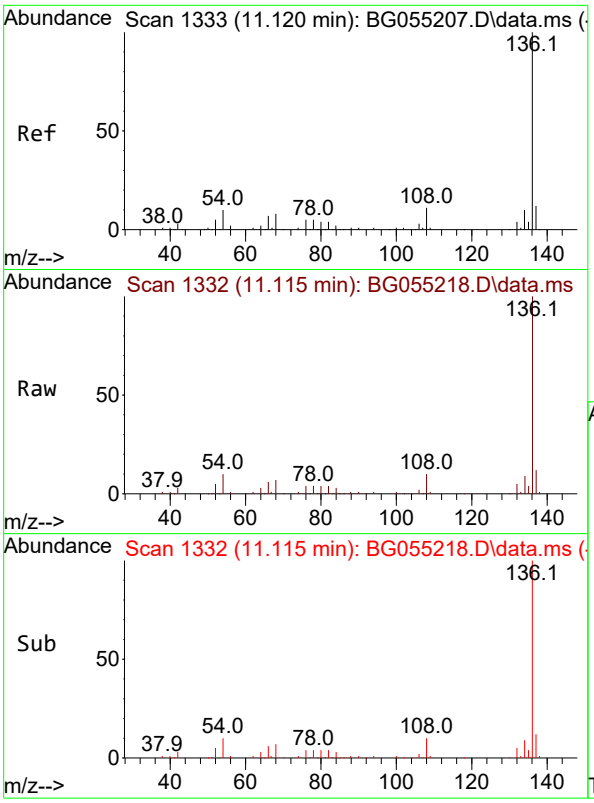


#19
n-Nitroso-di-n-propylamine
Concen: 15.086 ng
RT: 9.458 min Scan# 1050
Delta R.T. 0.365 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion: 70 Resp: 38982

Ion	Ratio	Lower	Upper
70	100		
42	47.3	50.8	76.2#
101	0.0	7.0	10.6#
130	1.9	14.5	21.7#



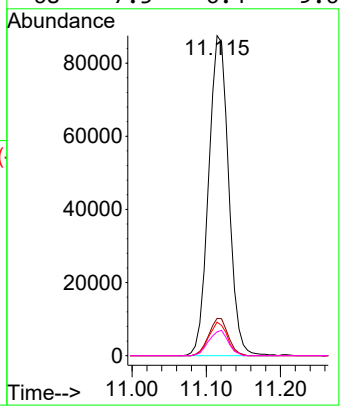


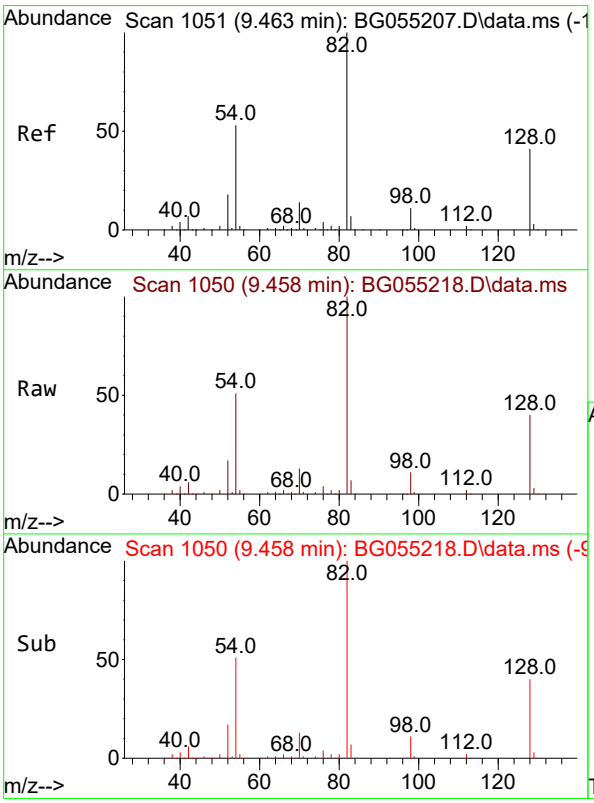
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.115 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:136 Resp: 164023

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.5	8.2	12.4
68	7.5	6.4	9.6

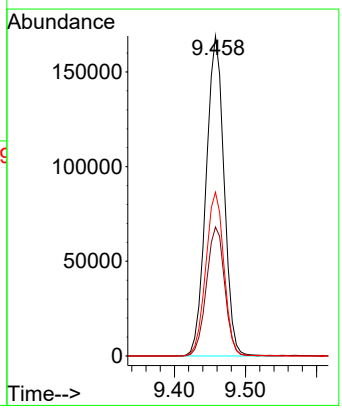


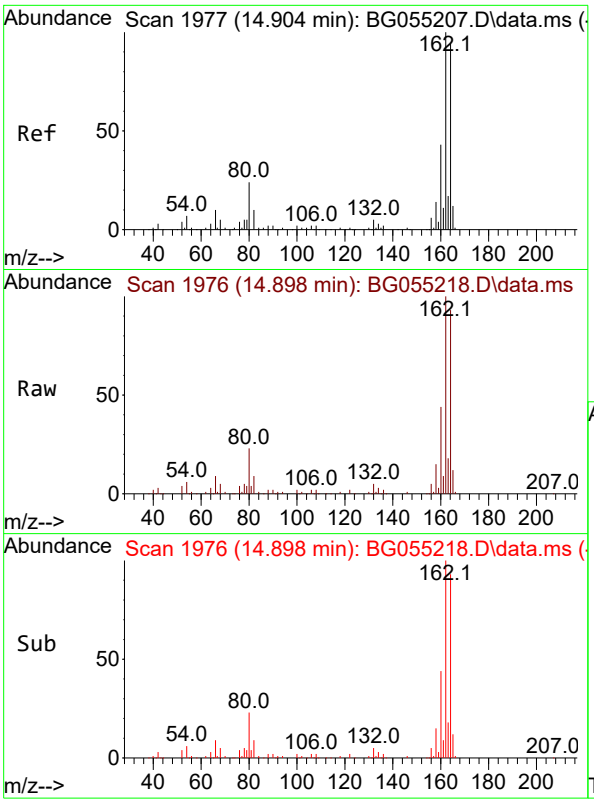


#23
Nitrobenzene-d5
Concen: 87.329 ng
RT: 9.458 min Scan# 1050
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion: 82 Resp: 296698

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	51.2	42.6	63.8



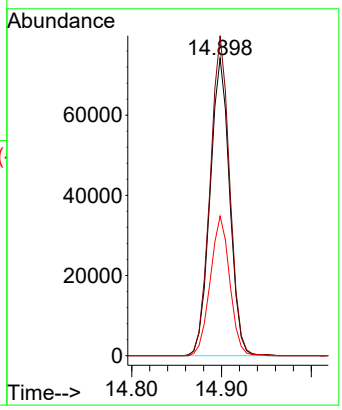


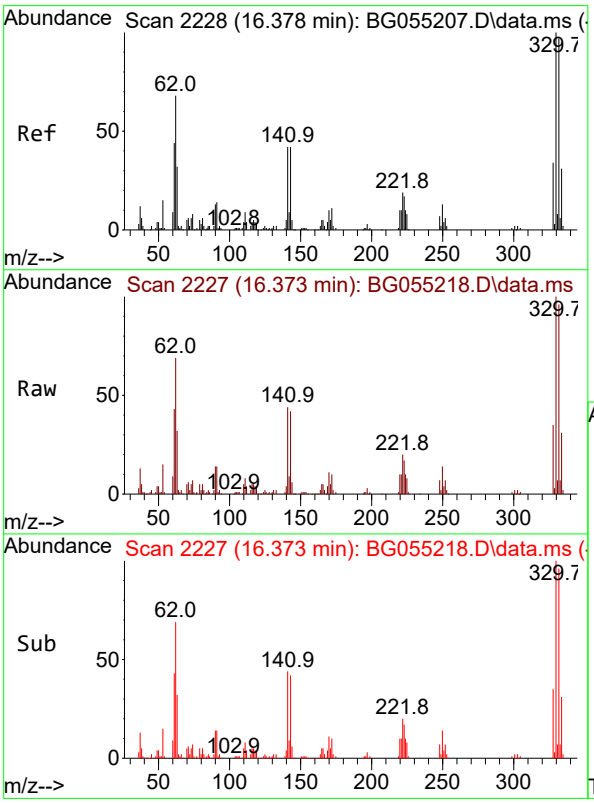
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:164 Resp: 112073

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.2	127.8
160	46.9	36.4	54.6

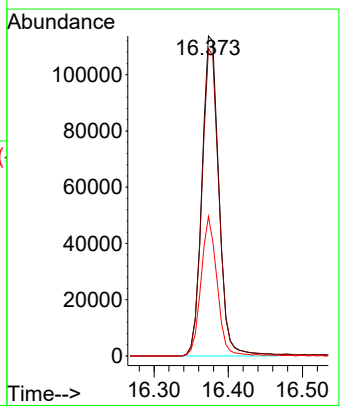


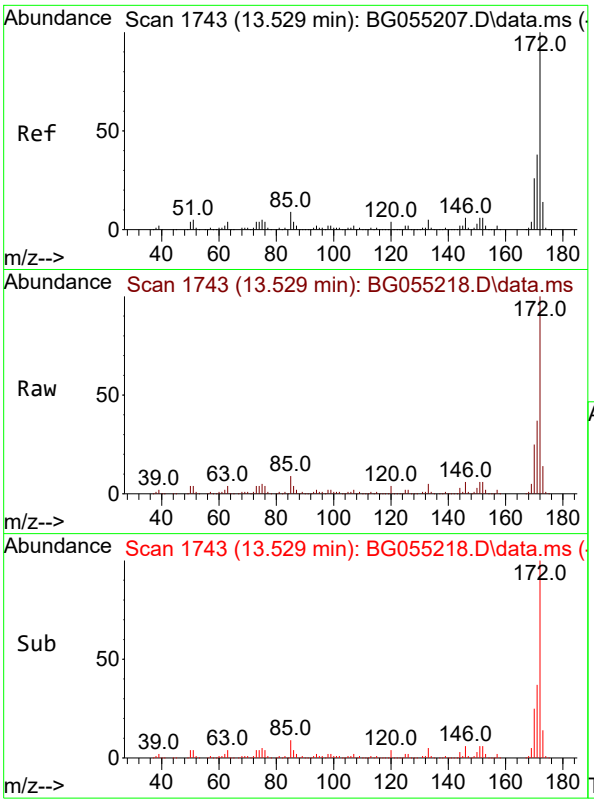


#42
2,4,6-Tribromophenol
Concen: 155.567 ng
RT: 16.373 min Scan# 2227
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:330 Resp: 180661

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.5	116.3
141	41.4	33.5	50.3



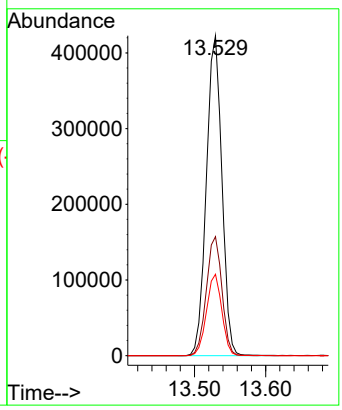


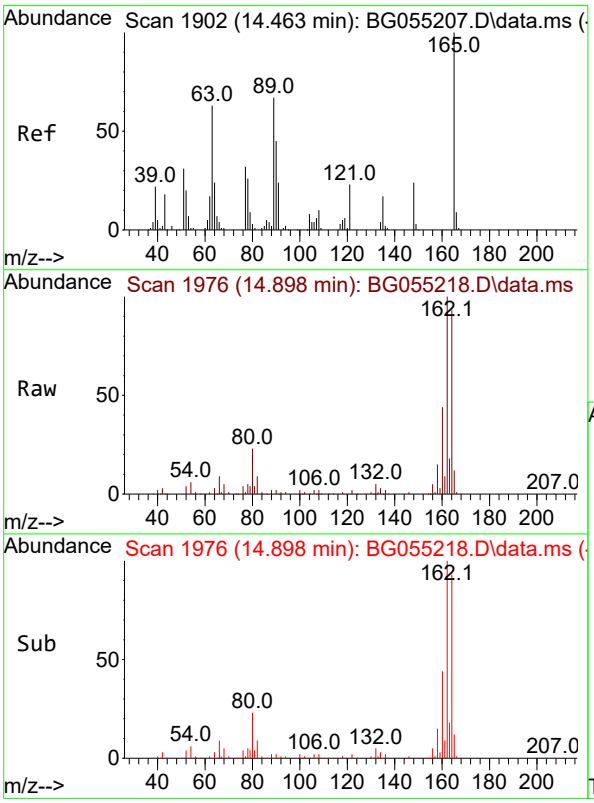
#45
2-Fluorobiphenyl
Concen: 91.544 ng
RT: 13.529 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:172 Resp: 642306

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.3	45.5
170	25.5	20.6	30.8

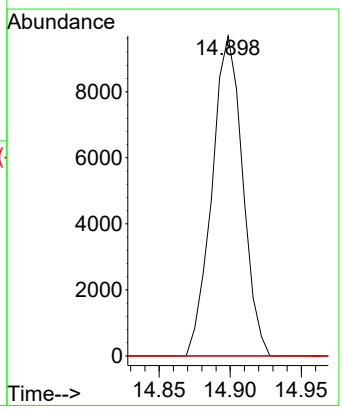


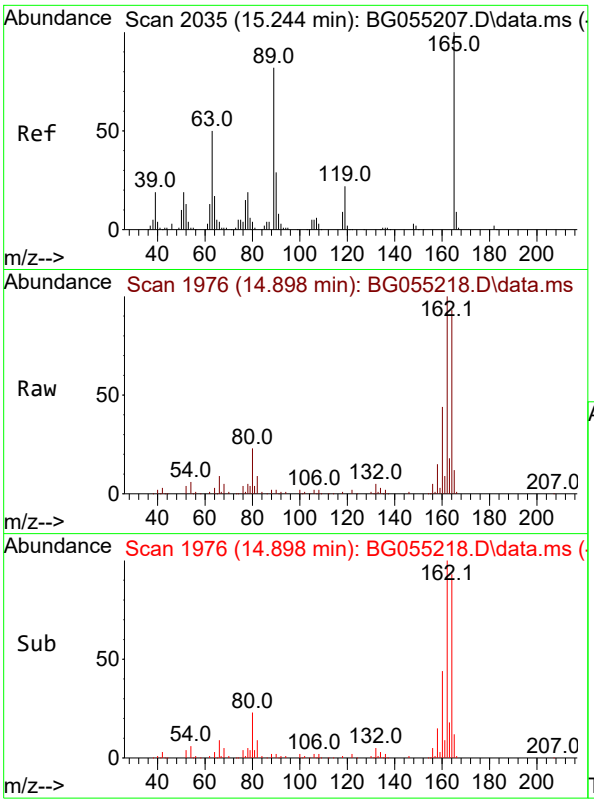


#51
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 14.898 min Scan# 1976
Delta R.T. 0.435 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:165 Resp: 14514

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.1	84.1#
89	0.0	53.4	80.0#



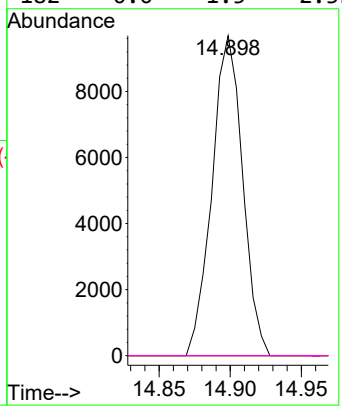


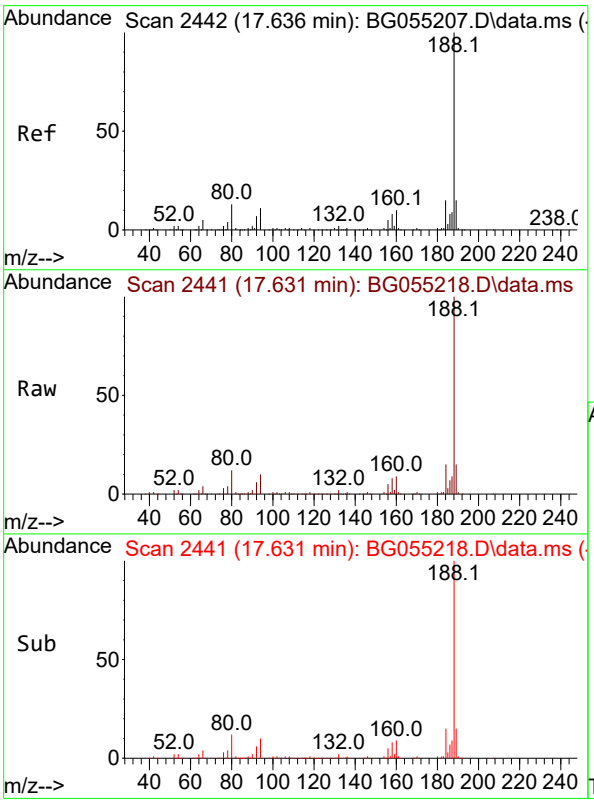
#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 14.898 min Scan# 1
Delta R.T. -0.346 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:165 Resp: 14514

Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.8	59.8#
89	0.0	66.0	99.0#
182	0.0	1.5	2.3#

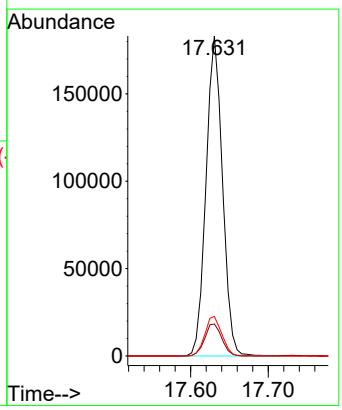


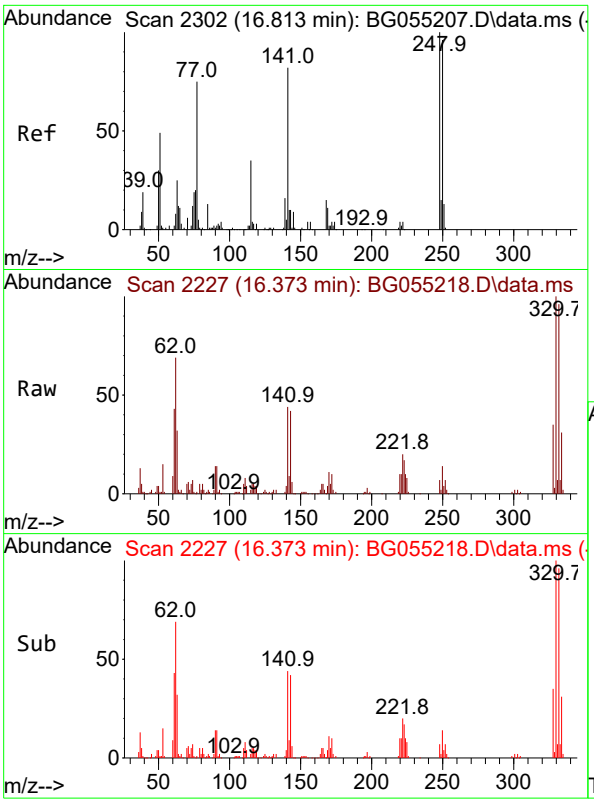


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:188 Resp: 269731

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	12.3	10.4	15.6



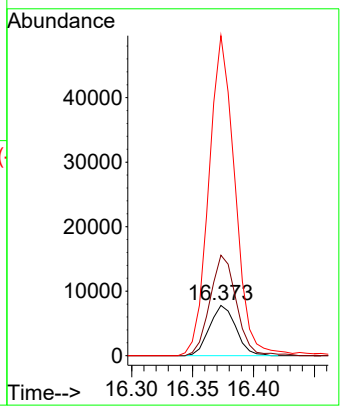


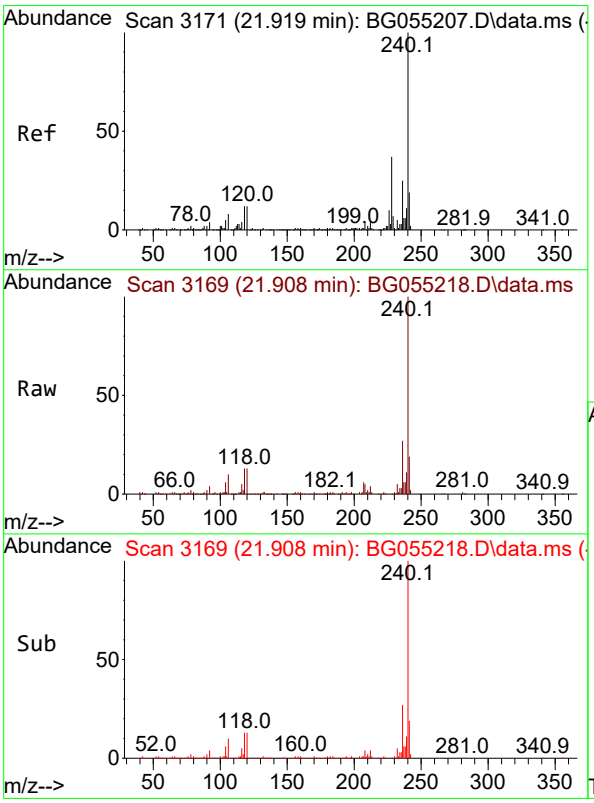
#67
4-Bromophenyl-phenylether
Concen: 4.464 ng
RT: 16.373 min Scan# 2
Delta R.T. -0.440 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:248 Resp: 11735

Ion	Ratio	Lower	Upper
248	100		
250	199.7	76.7	115.1#
141	636.0	65.3	97.9#

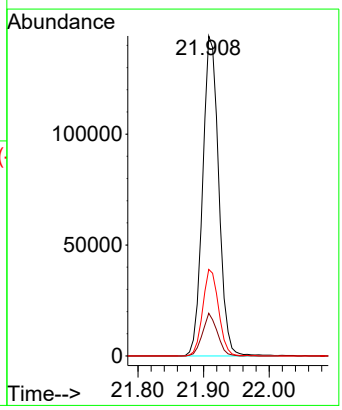


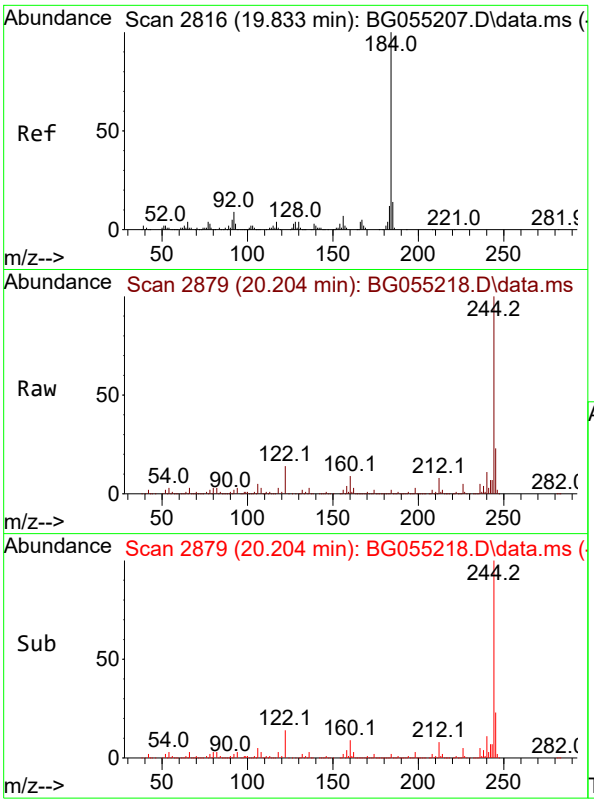


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:240 Resp: 245868

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.2	13.8
236	27.1	20.4	30.6



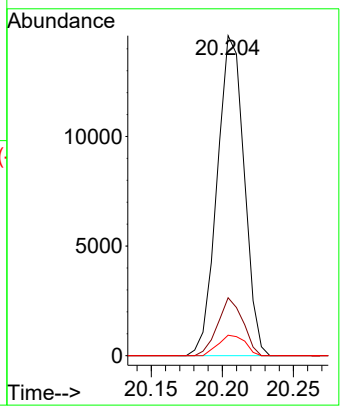


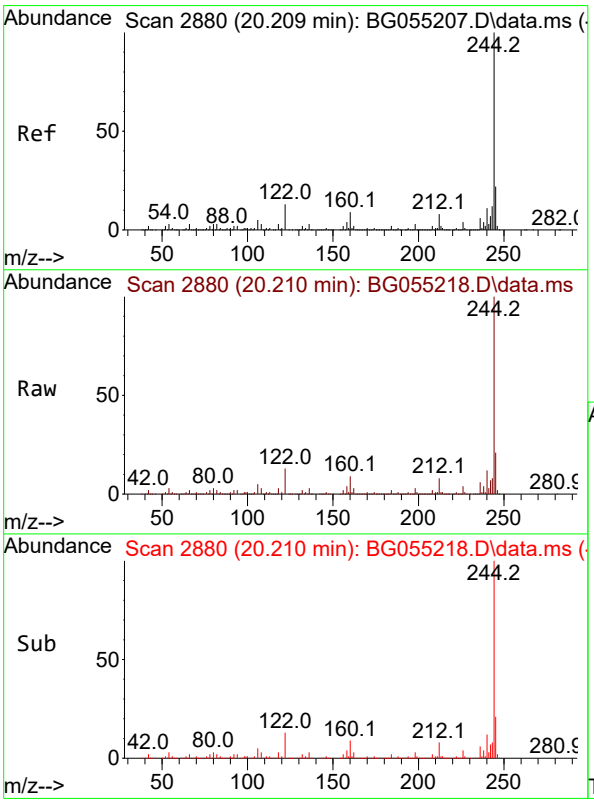
#77
Benzidine
Concen: 3.085 ng
RT: 20.204 min Scan# 2
Delta R.T. 0.371 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:184 Resp: 19290

Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.4	17.2#
183	6.4	9.8	14.6#

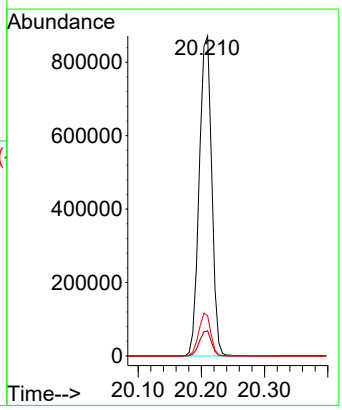


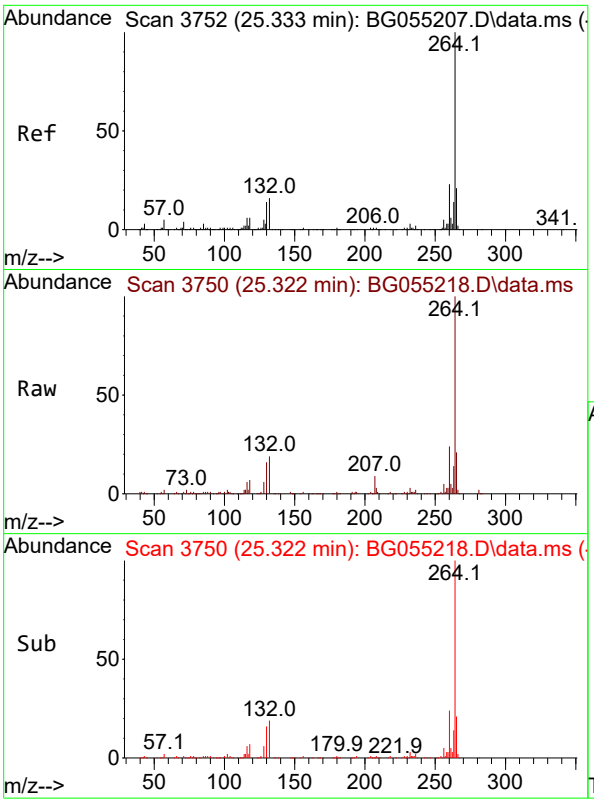


#79
Terphenyl-d14
Concen: 90.434 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.001 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Tgt Ion:244 Resp: 1193302

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	12.5	10.0	15.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.322 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG055218.D
Acq: 20 Oct 2022 11:58

Instrument :
BNA_G
ClientSampleId :
PB148413BL

Tgt Ion:264 Resp: 249642

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.0	17.1	25.7