Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055298.D
Acq On : 26 Oct 2022 13:54
Operator : CG/JU
Sample : N5231-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Quant Time: Oct 27 10:35:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	35165	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	147843	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	95597	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	220595	20.000	ng	0.00
76) Chrysene-d12	21.895	240	219877	20.000	ng	0.00
86) Perylene-d12	25.291	264	234405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	153108	76.237	ng	0.00
7) Phenol-d6	7.418	99	124296	42.720	ng	0.00
23) Nitrobenzene-d5	9.445	82	282863	97.698	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	195822	188.431	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	603046	103.250	ng	0.00
79) Terphenyl-d14	20.192	244	1028920	97.226	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.445	70	38120	15.777	ng	# 77
51) 2,6-Dinitrotoluene	14.880	165	12883	8.435	ng	# 19
57) 2,4-Dinitrotoluene	14.880	165	12883	5.813	ng	# 18
67) 4-Bromophenyl-phenylether	16.367	248	12714	5.932	ng	# 1
77) Benzidine	20.192	184	16300	3.062	ng	# 89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055298.D
Acq On : 26 Oct 2022 13:54
Operator : CG/JU
Sample : N5231-03
Misc :
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Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Quant Time: Oct 27 10:35:25 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
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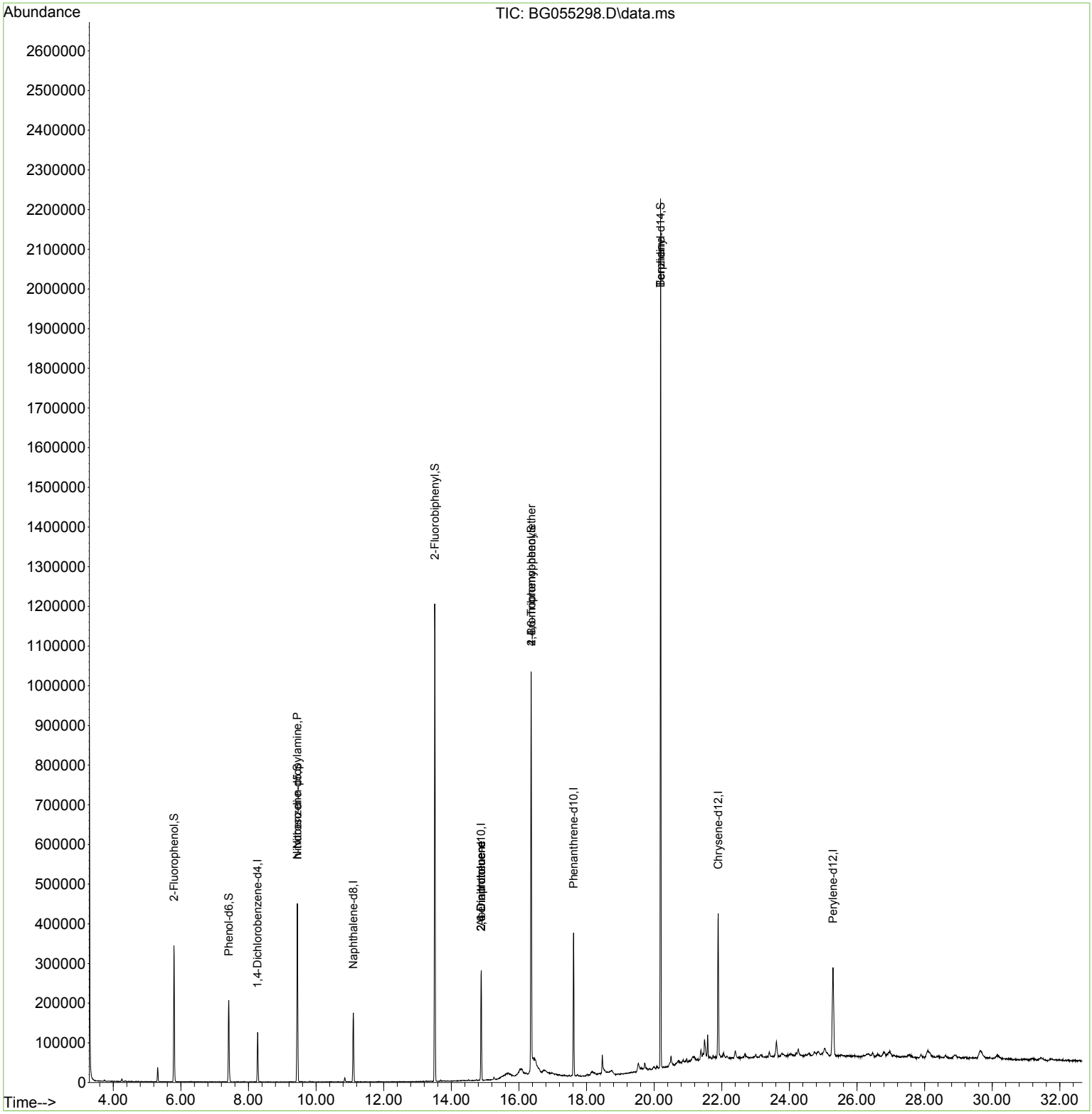
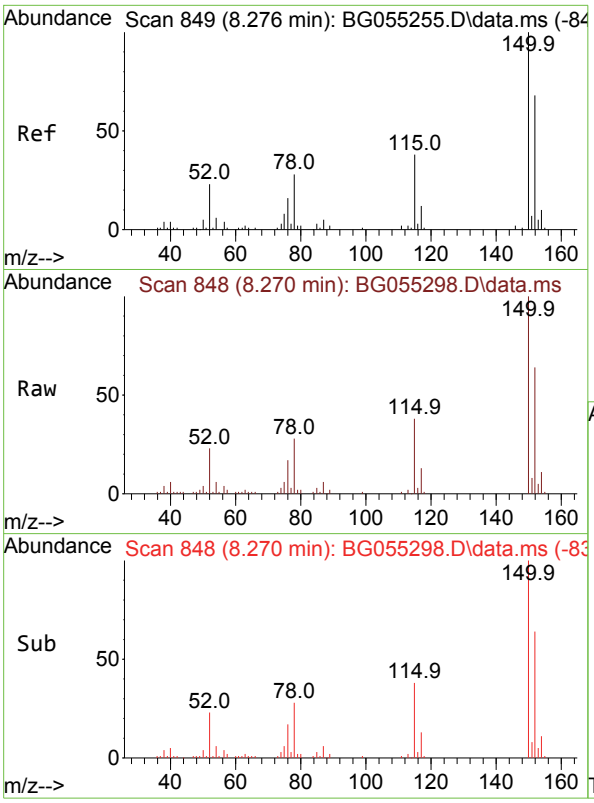


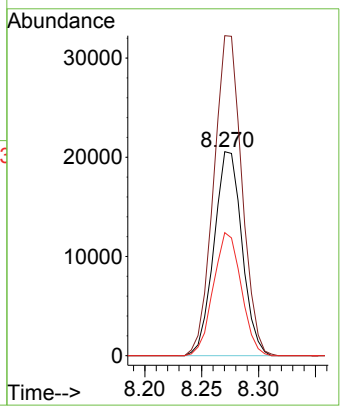


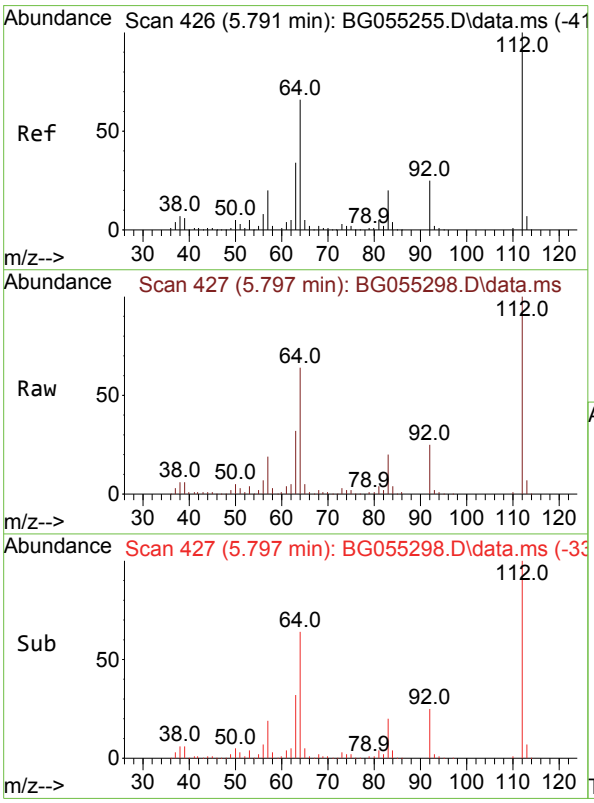
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:152 Resp: 35165

Ion	Ratio	Lower	Upper
152	100		
150	156.8	118.2	177.4
115	60.3	44.5	66.7

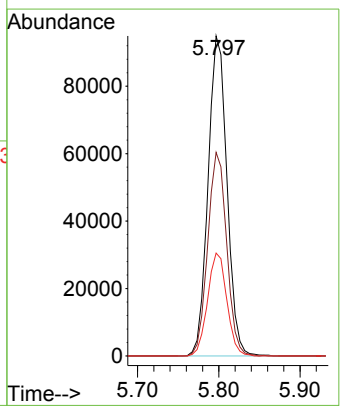


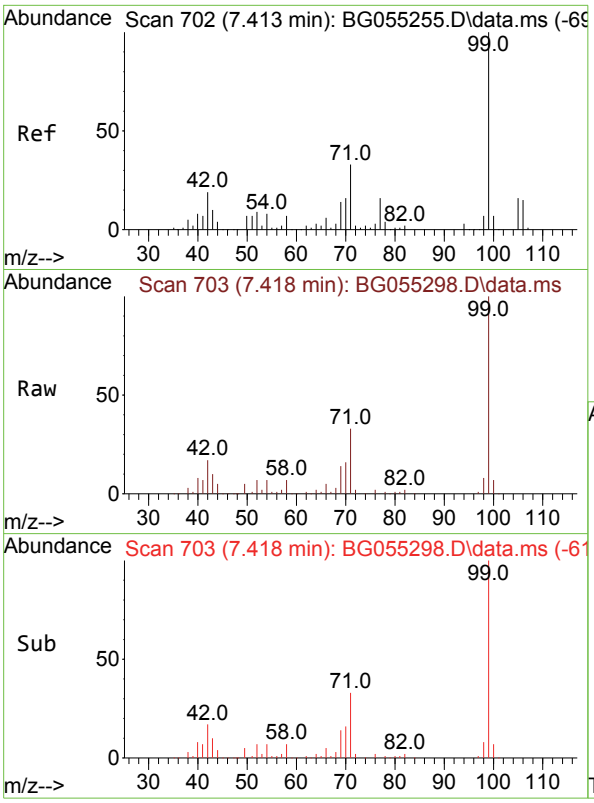


#5
2-Fluorophenol
Concen: 76.237 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:112 Resp: 153108

Ion	Ratio	Lower	Upper
112	100		
64	63.6	52.6	78.8
63	32.2	27.1	40.7



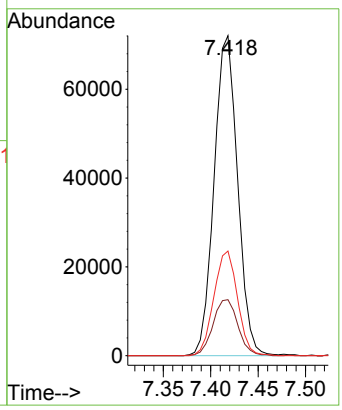


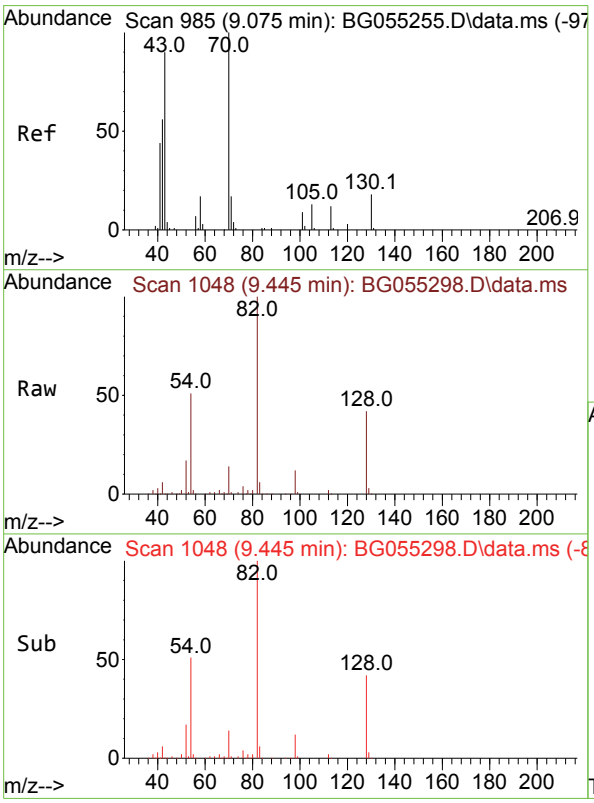
#7
Phenol-d6
Concen: 42.720 ng
RT: 7.418 min Scan# 7
Delta R.T. 0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion: 99 Resp: 124296

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.2	22.8
71	32.7	26.2	39.4

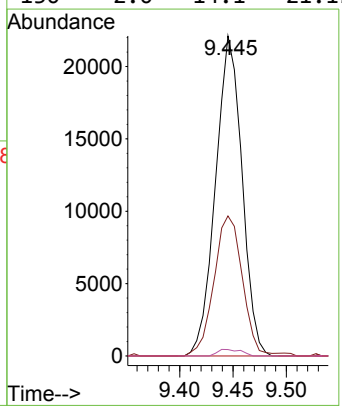


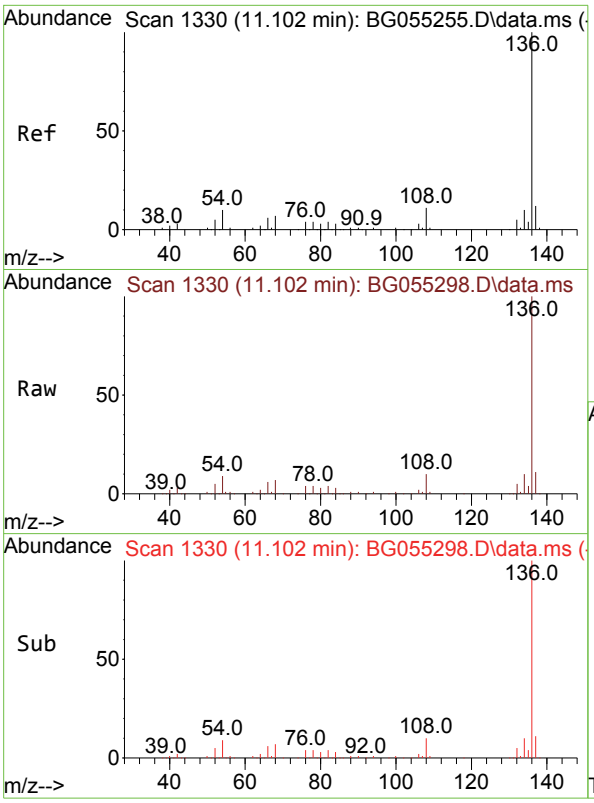


#19
n-Nitroso-di-n-propylamine
Concen: 15.777 ng
RT: 9.445 min Scan# 1048
Delta R.T. 0.370 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion: 70 Resp: 38120

Ion	Ratio	Lower	Upper
70	100		
42	43.8	45.8	68.6#
101	0.0	7.4	11.0#
130	2.0	14.1	21.1#



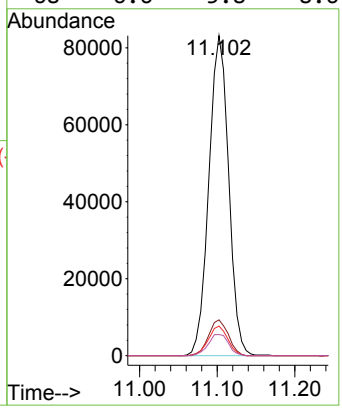


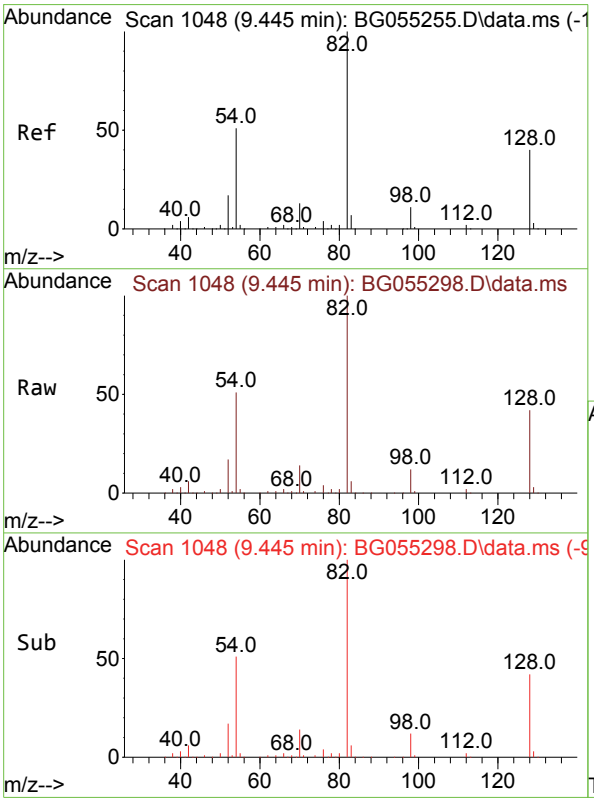
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:136 Resp: 147843

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.3	7.8	11.8
68	6.6	5.8	8.6

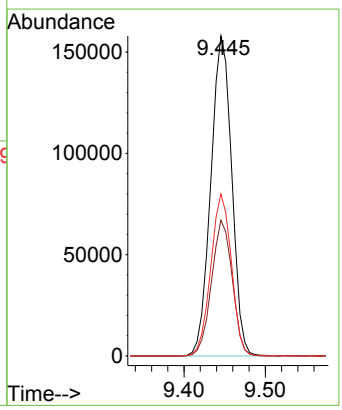


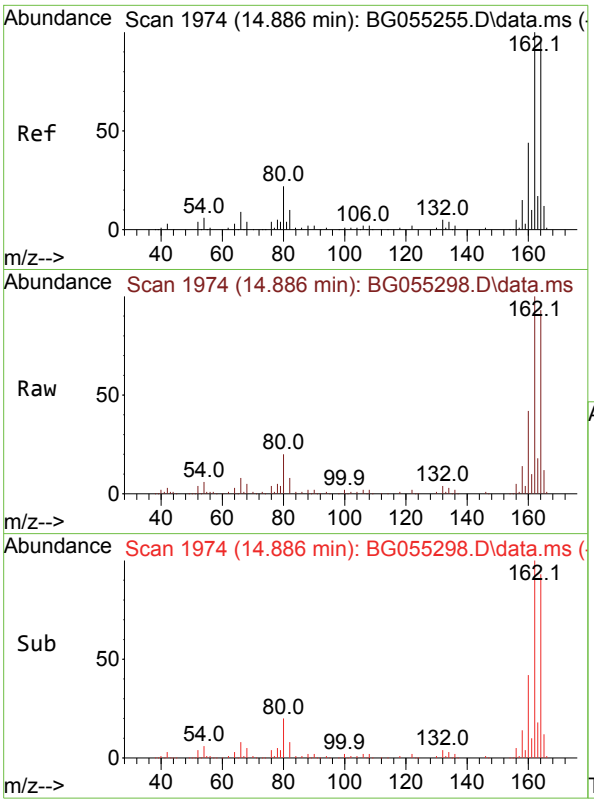


#23
Nitrobenzene-d5
Concen: 97.698 ng
RT: 9.445 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion: 82 Resp: 282863

Ion	Ratio	Lower	Upper
82	100		
128	42.4	32.0	48.0
54	50.7	40.9	61.3



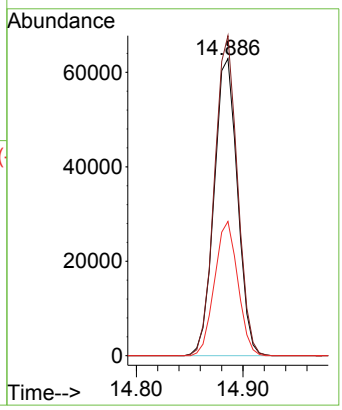


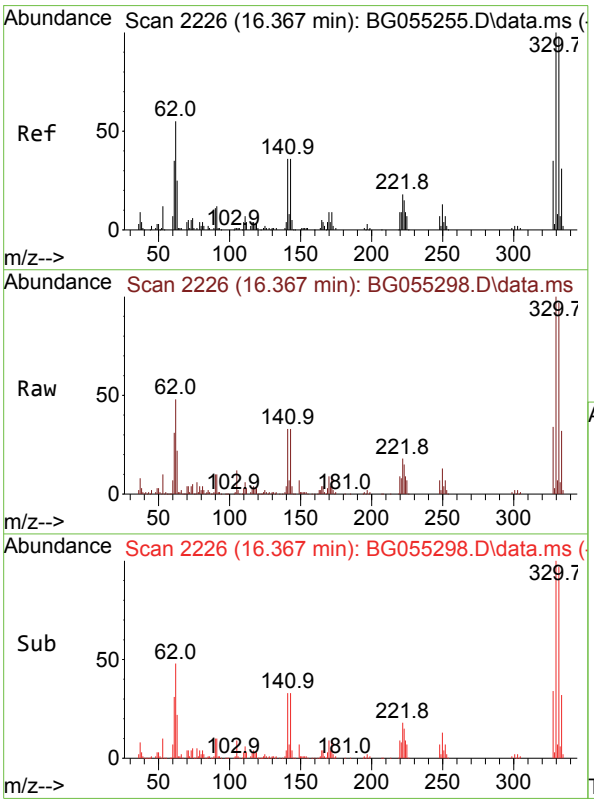
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:164 Resp: 95597

Ion	Ratio	Lower	Upper
164	100		
162	107.7	84.0	126.0
160	45.2	36.7	55.1

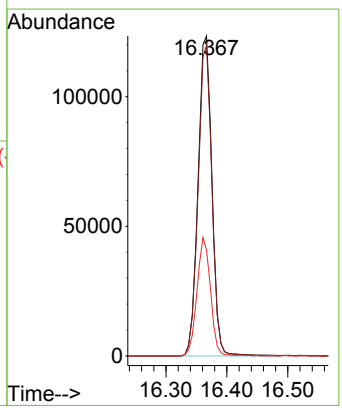


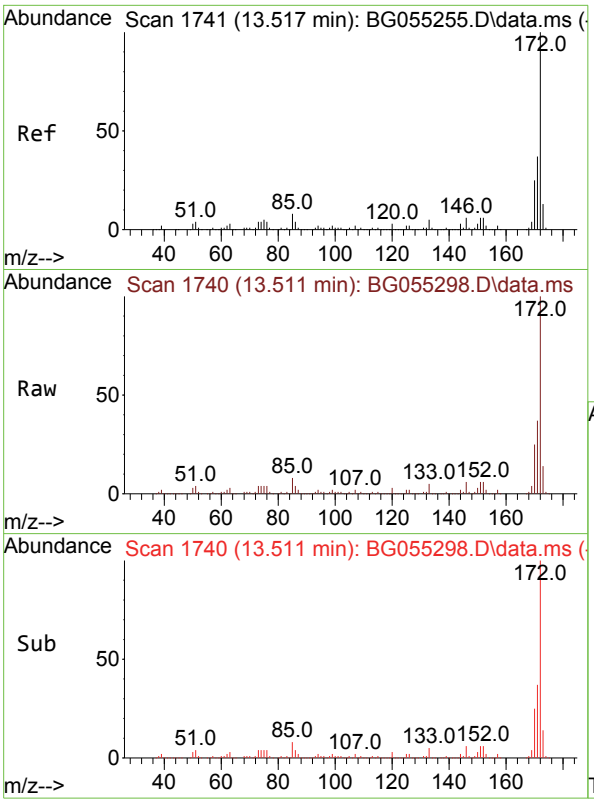


#42
2,4,6-Tribromophenol
Concen: 188.431 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:330 Resp: 195822

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	35.9	29.8	44.8



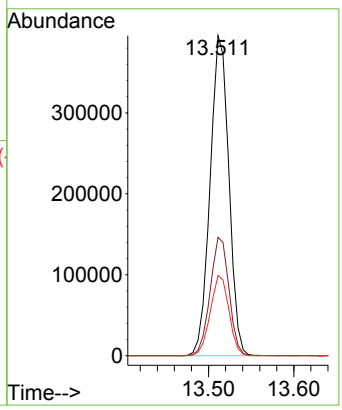


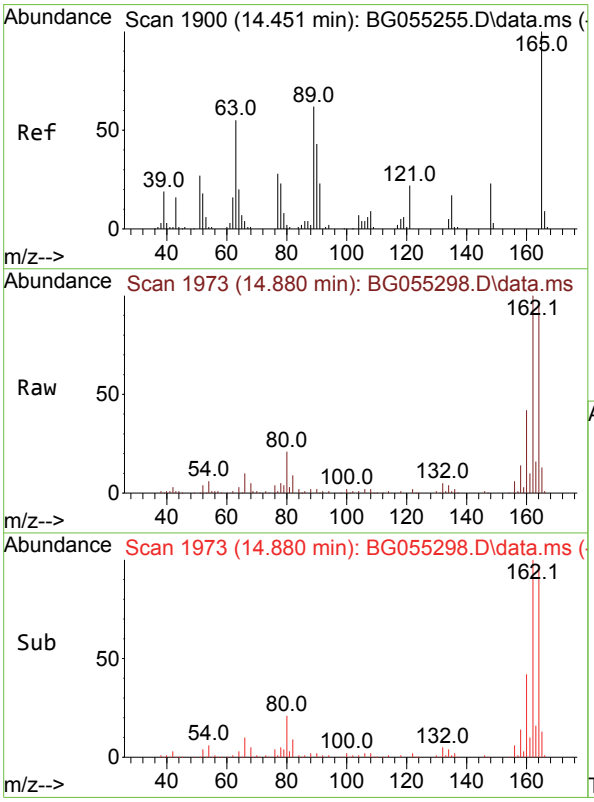
#45
2-Fluorobiphenyl
Concen: 103.250 ng
RT: 13.511 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:172 Resp: 603046

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.0	20.2	30.2

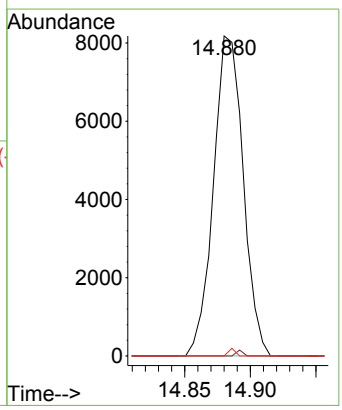


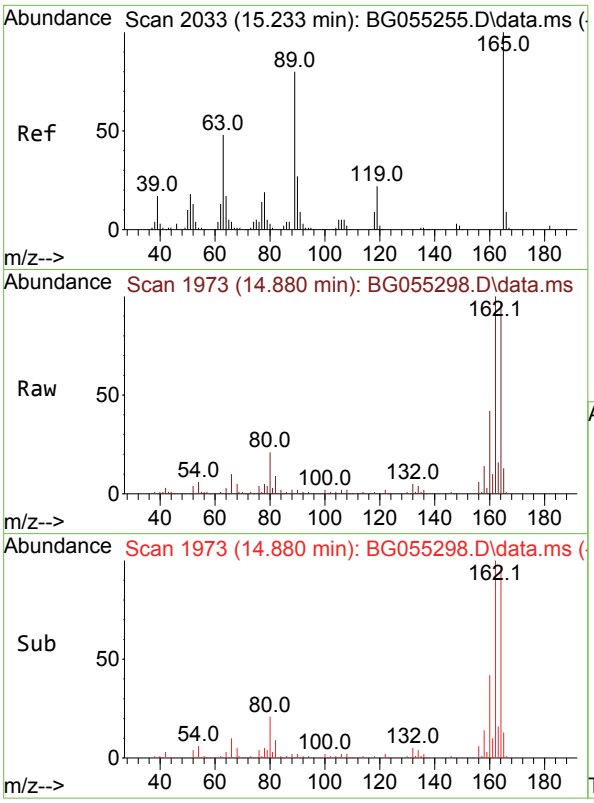


#51
2,6-Dinitrotoluene
Concen: 8.435 ng
RT: 14.880 min Scan# 1973
Delta R.T. 0.429 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:165 Resp: 12883

Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.2	73.8#
89	0.0	49.9	74.9#



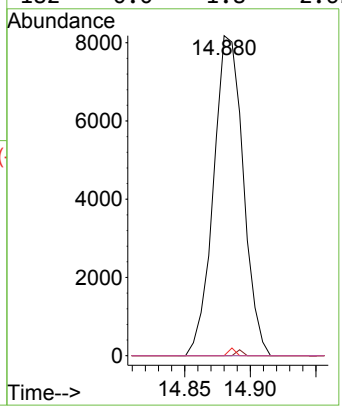


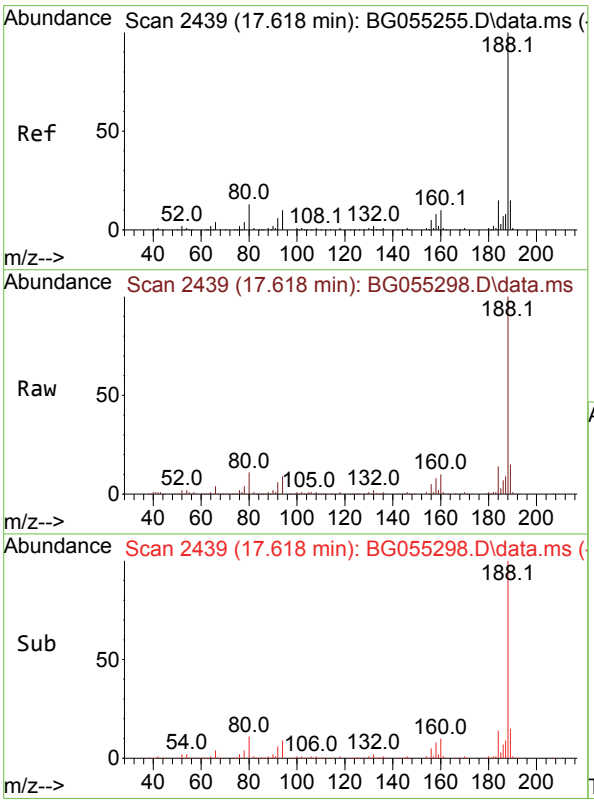
#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 14.880 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:165 Resp: 12883

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.9	58.3#
89	0.0	64.2	96.4#
182	0.0	1.8	2.6#

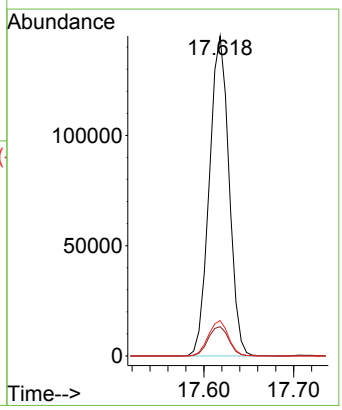


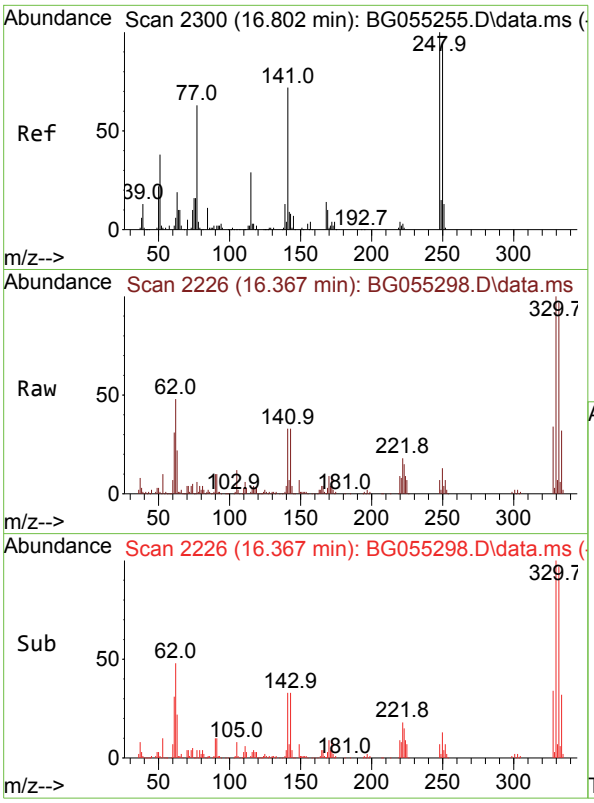


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:188 Resp: 220595

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	11.1	10.1	15.1



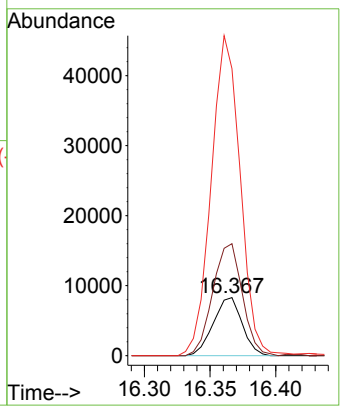


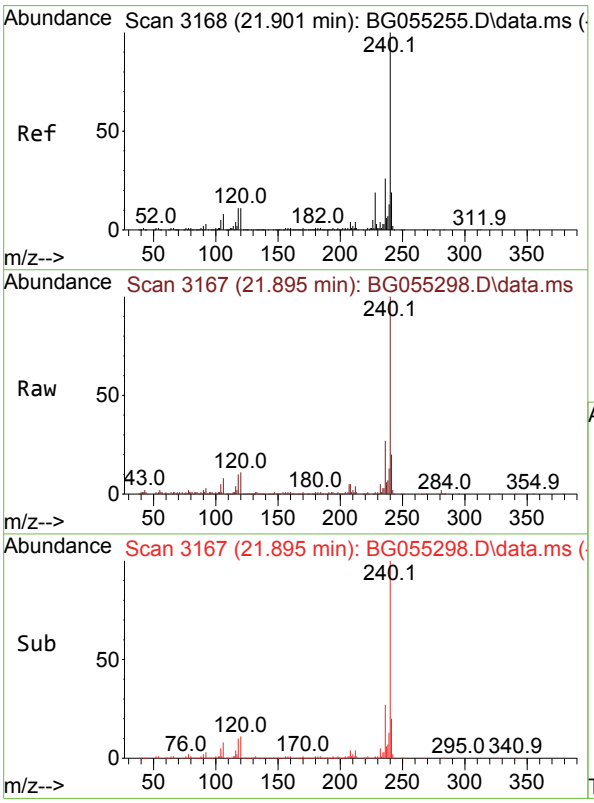
#67
4-Bromophenyl-phenylether
Concen: 5.932 ng
RT: 16.367 min Scan# 2
Delta R.T. -0.435 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:248 Resp: 12714

Ion	Ratio	Lower	Upper
248	100		
250	192.7	76.0	114.0#
141	493.8	58.0	87.0#

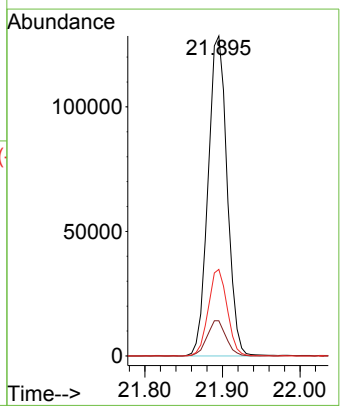


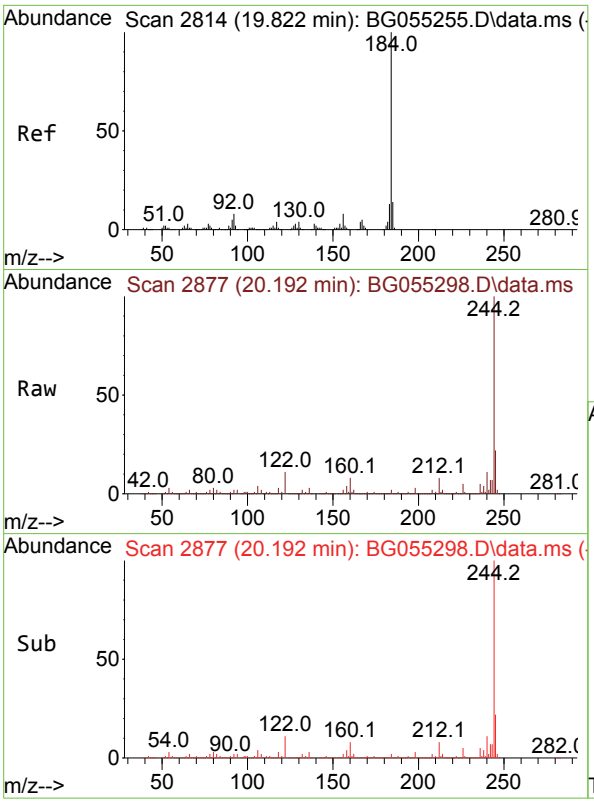


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:240 Resp: 219877

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	27.1	21.0	31.4



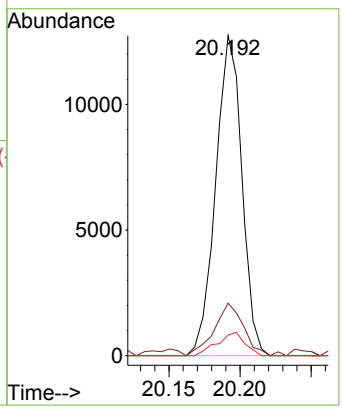


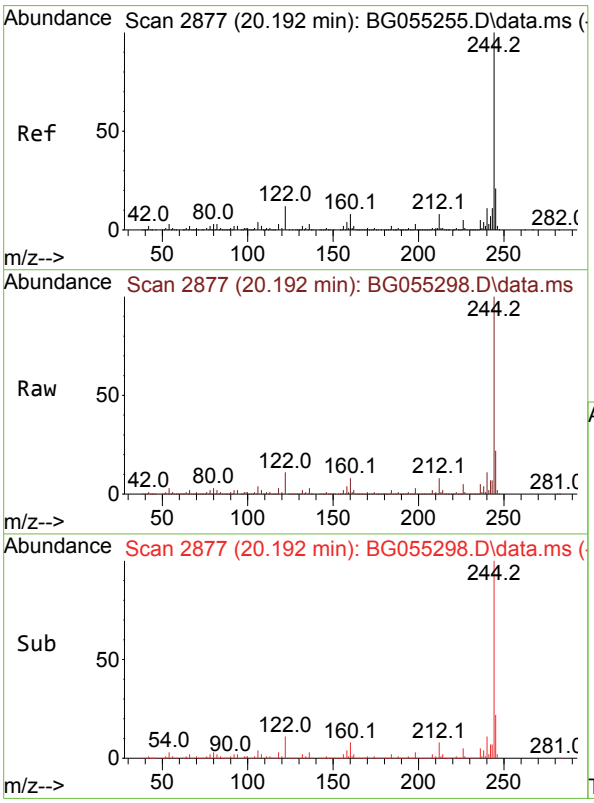
#77
Benzidine
Concen: 3.062 ng
RT: 20.192 min Scan# 2
Delta R.T. 0.370 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:184 Resp: 16300

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.0	16.6
183	6.4	10.0	15.0#

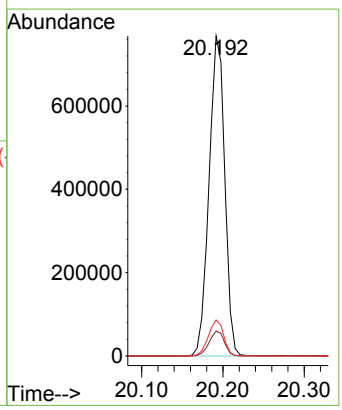


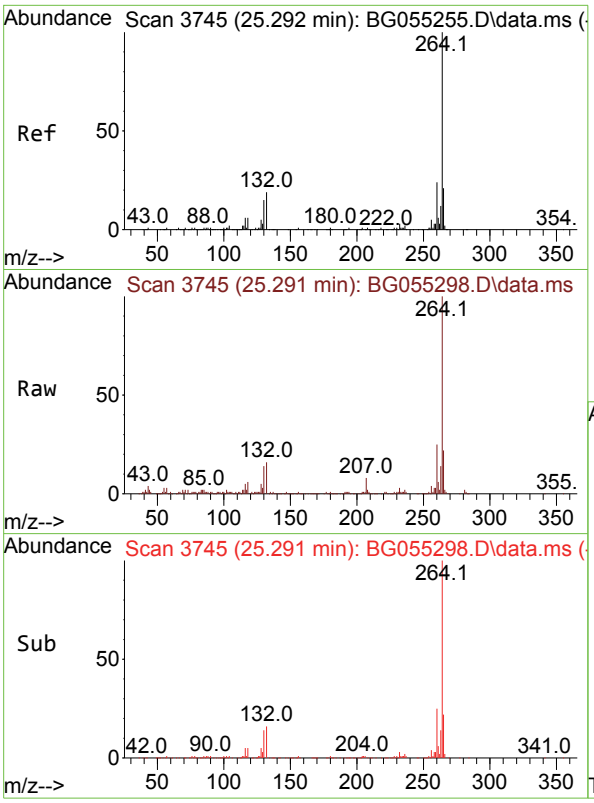


#79
Terphenyl-d14
Concen: 97.226 ng
RT: 20.192 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Tgt Ion:244 Resp: 1028920

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	11.3	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.291 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG055298.D
Acq: 26 Oct 2022 13:54

Instrument :
BNA_G
ClientSampleId :
SP-303-20221020

Tgt Ion:264 Resp: 234405

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	17.4	26.2