Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
Data File : BG050511.D
Acq On : 8 Oct 2021 16:02
Operator : CG/JU
Sample : M4130-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-RR-01-(2.0)

Quant Time: Oct 09 01:26:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	42888	20.000	ng	0.00
21) Naphthalene-d8	11.088	136	182671	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	129047	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	288022	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	248609	20.000	ng	# 0.00
86) Perylene-d12	25.342	264	240611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	245482	85.601	ng	0.00
7) Phenol-d6	7.398	99	244368	58.856	ng	0.00
23) Nitrobenzene-d5	9.431	82	397328	90.040	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	121685	98.860	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	746363	87.046	ng	0.00
79) Terphenyl-d14	20.212	244	1138461	89.243	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.398	77	606	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.431	70	56624	18.711	ng	# 71
51) 2,6-Dinitrotoluene	14.877	165	16873	8.636	ng	# 12
57) 2,4-Dinitrotoluene	14.877	165	16873	6.127	ng	# 17
77) Benzidine	20.212	184	23251	2.886	ng	# 95

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

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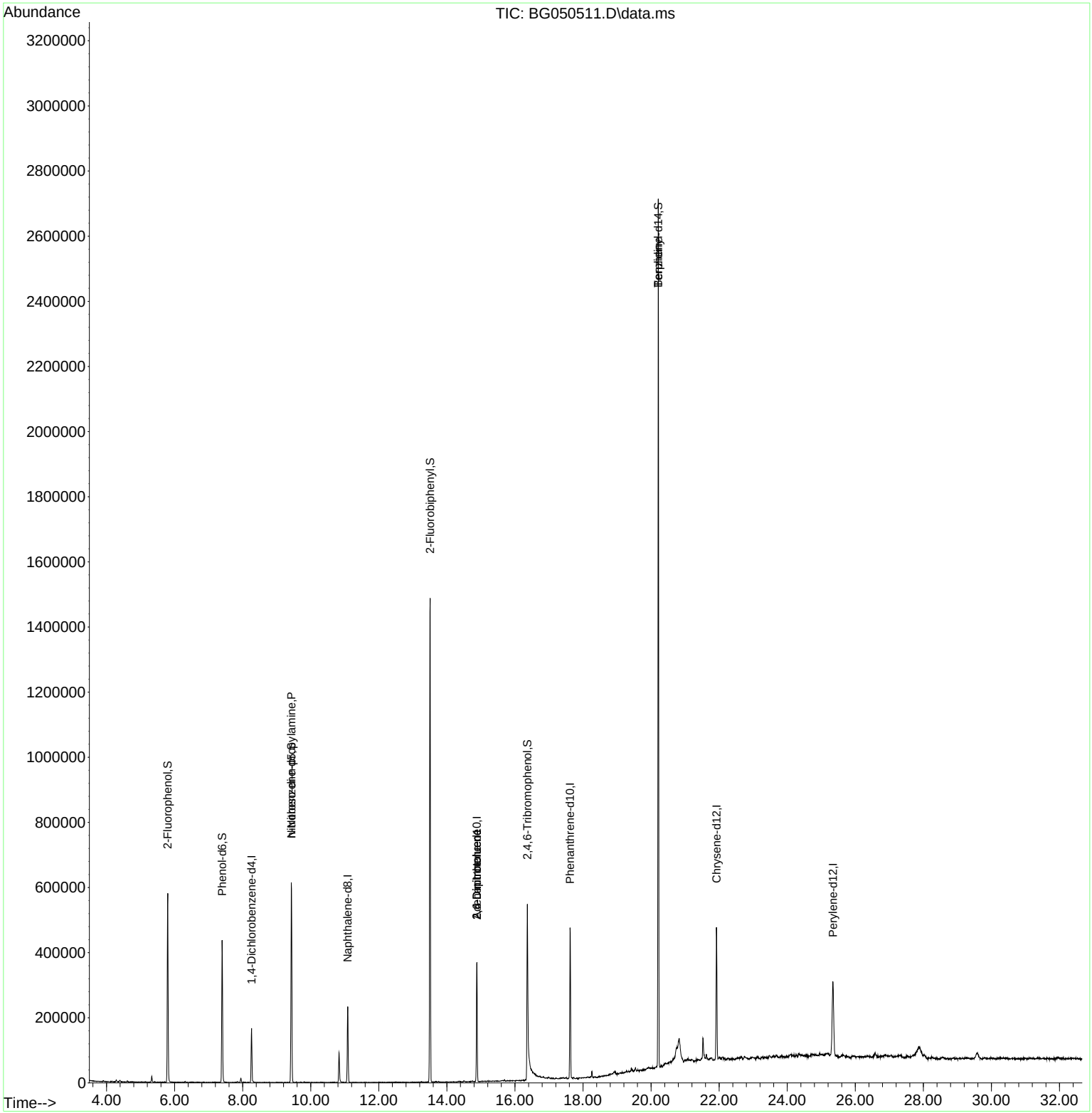
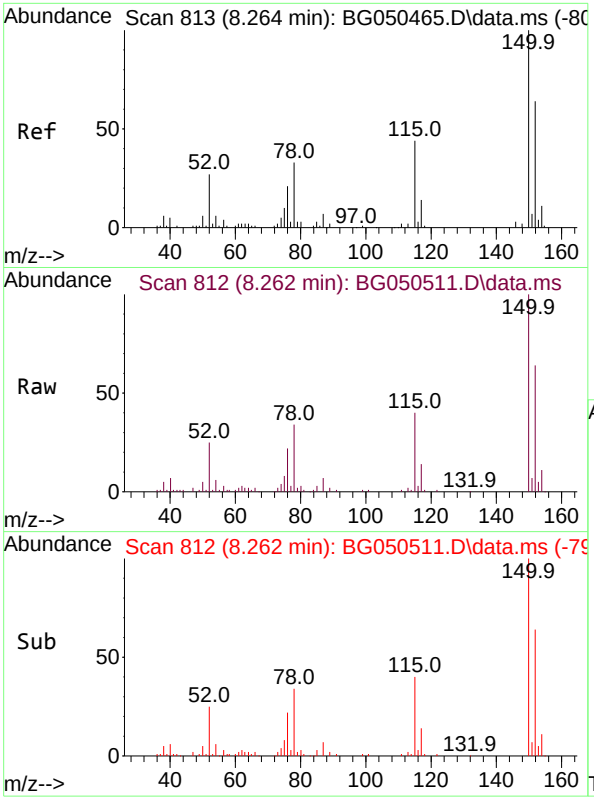


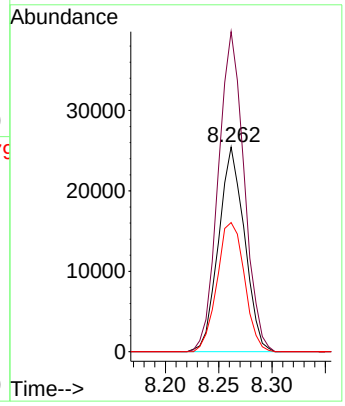
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

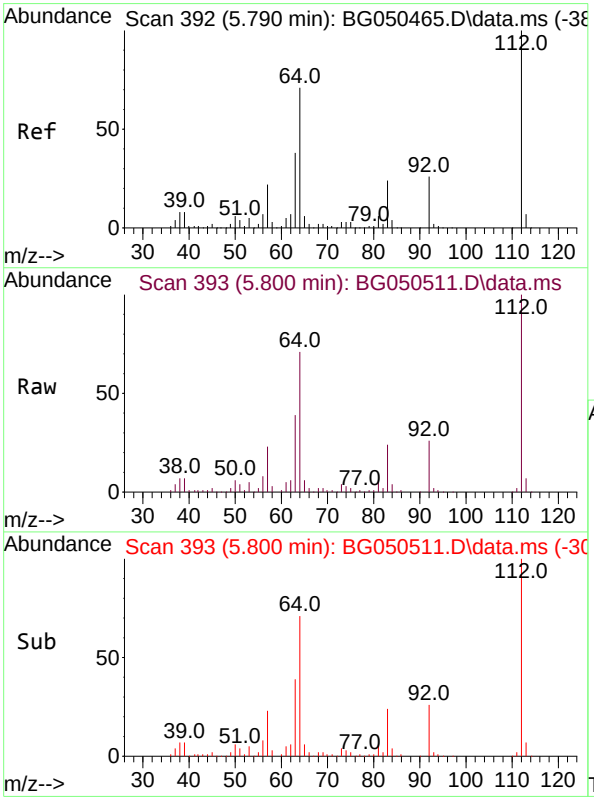


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:152 Resp: 42888

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.4	179.0
115	63.1	60.2	90.4

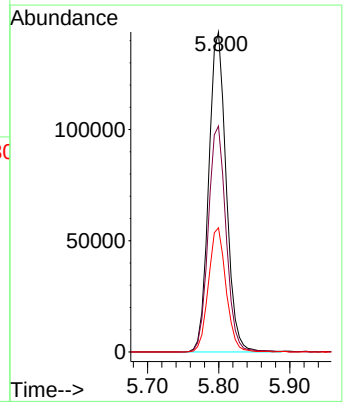




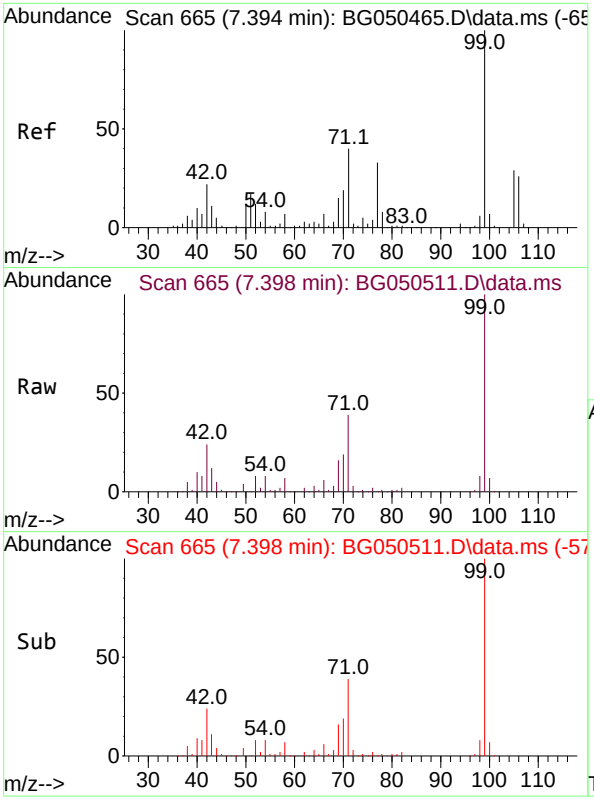
#5
2-Fluorophenol
Concen: 85.601 ng
RT: 5.800 min Scan# 393
Delta R.T. 0.010 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:112 Resp: 245482

Ion	Ratio	Lower	Upper
112	100		
64	70.6	46.7	70.1#
63	38.8	35.3	52.9



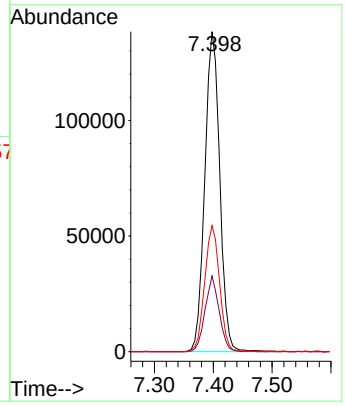
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

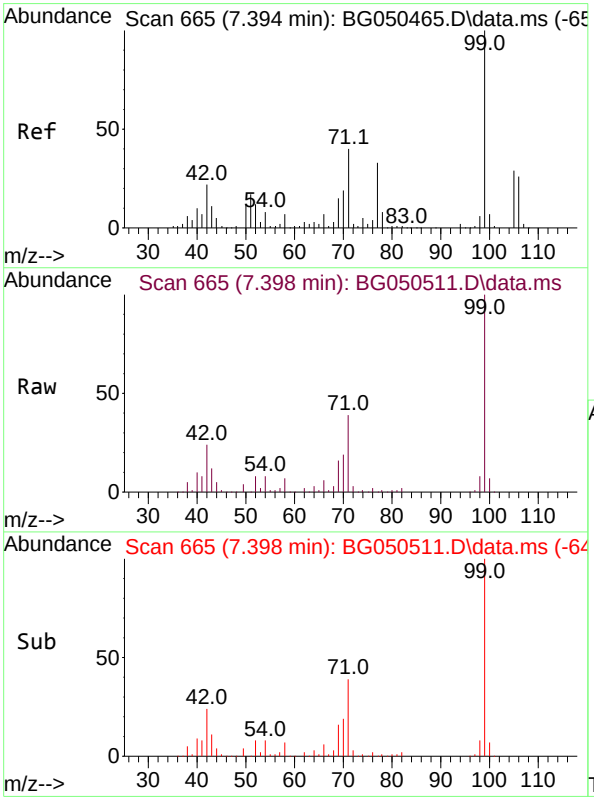


#7
Phenol-d6
Concen: 58.856 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion: 99 Resp: 244368

Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.5	30.7
71	39.4	41.5	62.3#

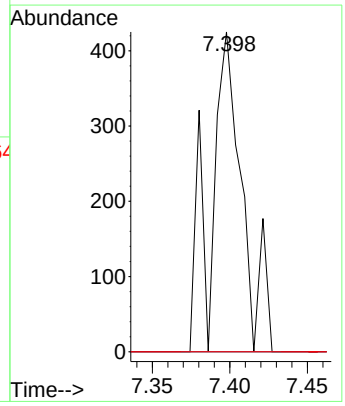




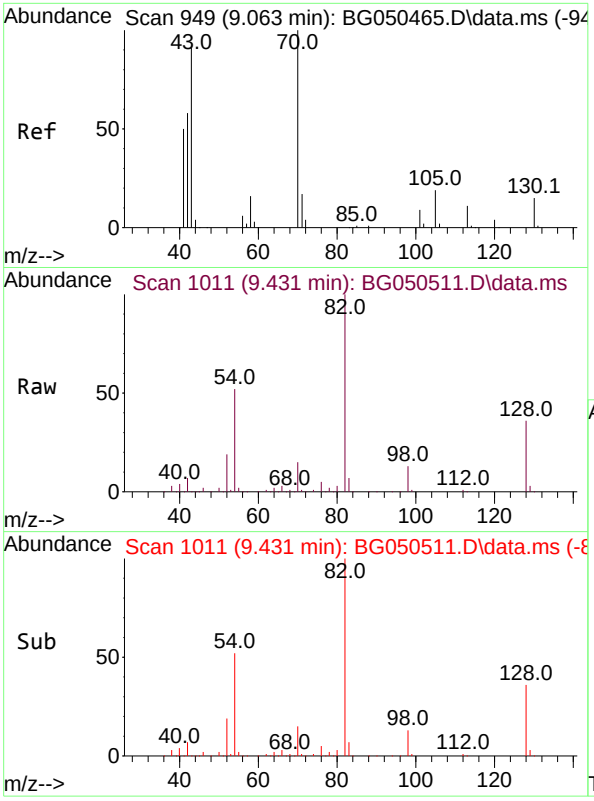
#9
Benzaldehyde
Concen: Below Cal
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion: 77 Resp: 606

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



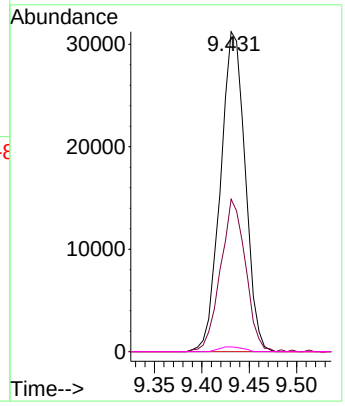
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

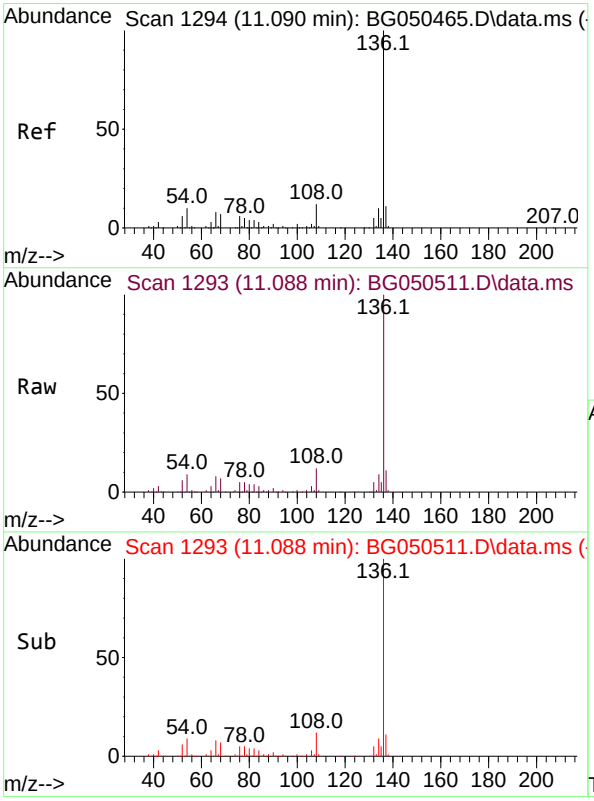


#19
n-Nitroso-di-n-propylamine
Concen: 18.711 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion: 70 Resp: 56624

Ion	Ratio	Lower	Upper
70	100		
42	47.6	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#

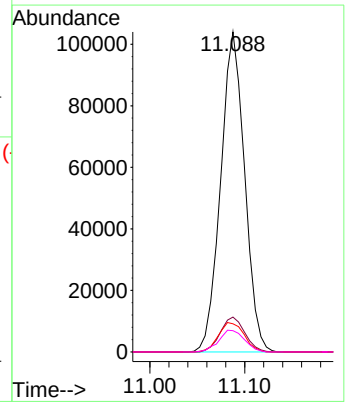




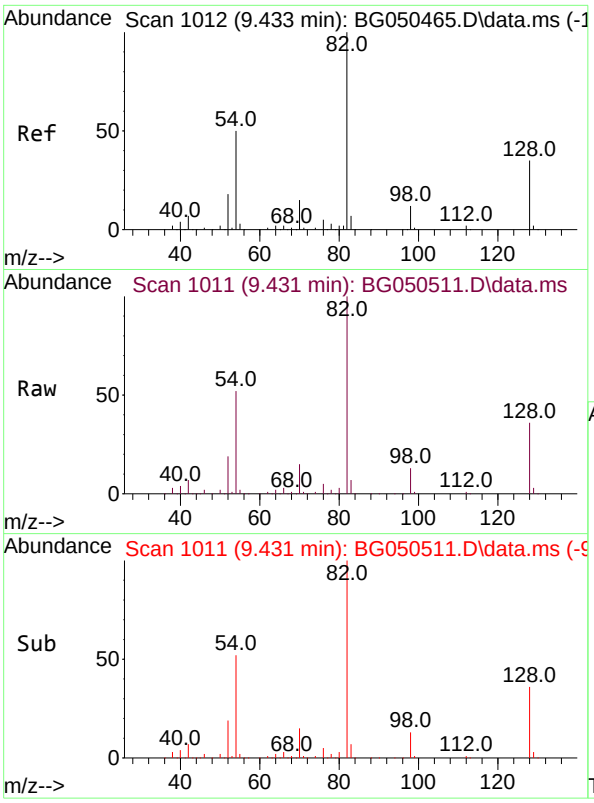
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.088 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:136 Resp: 182671

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.2
54	8.8	5.5	8.3#
68	6.7	2.3	3.5#



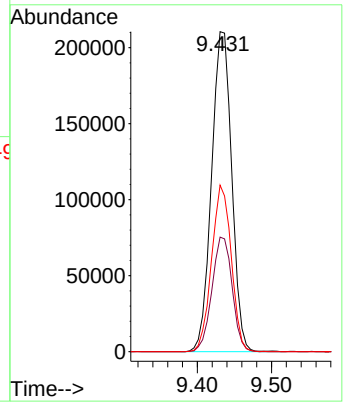
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

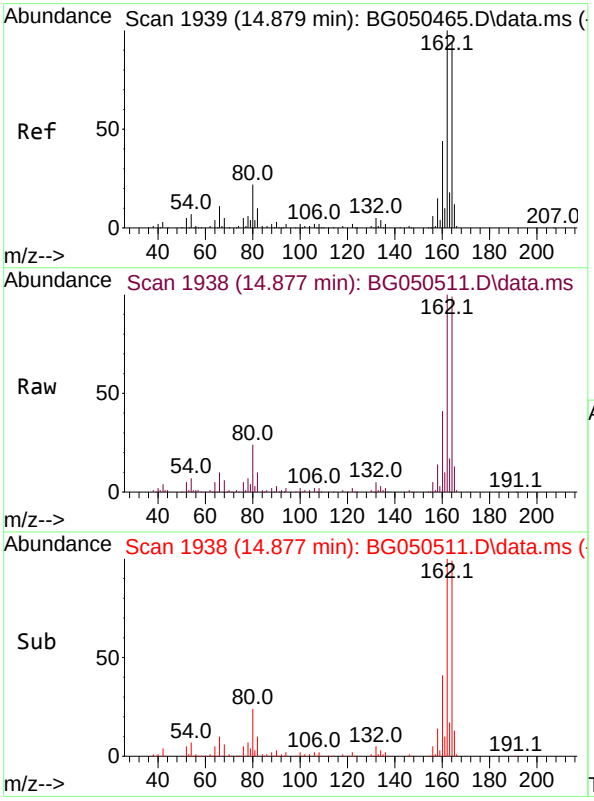


#23
Nitrobenzene-d5
Concen: 90.040 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion: 82 Resp: 397328

Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.8	44.6
54	52.0	45.8	68.8

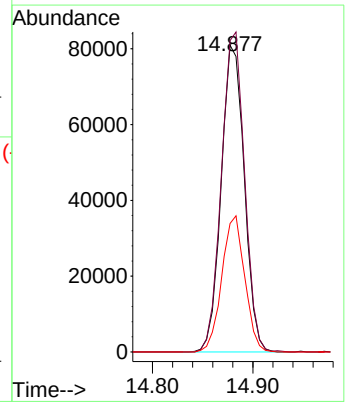




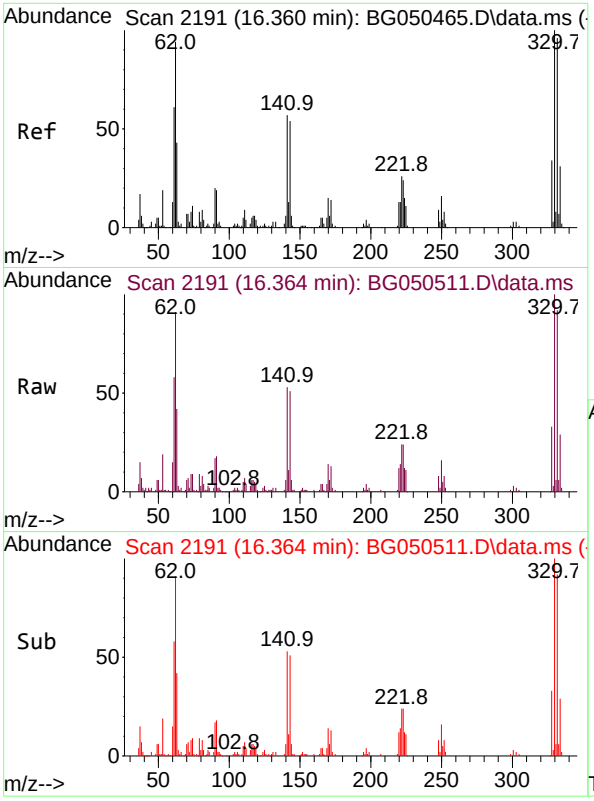
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:164 Resp: 129047

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	41.9	34.9	52.3



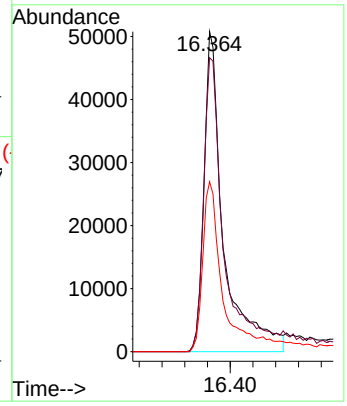
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

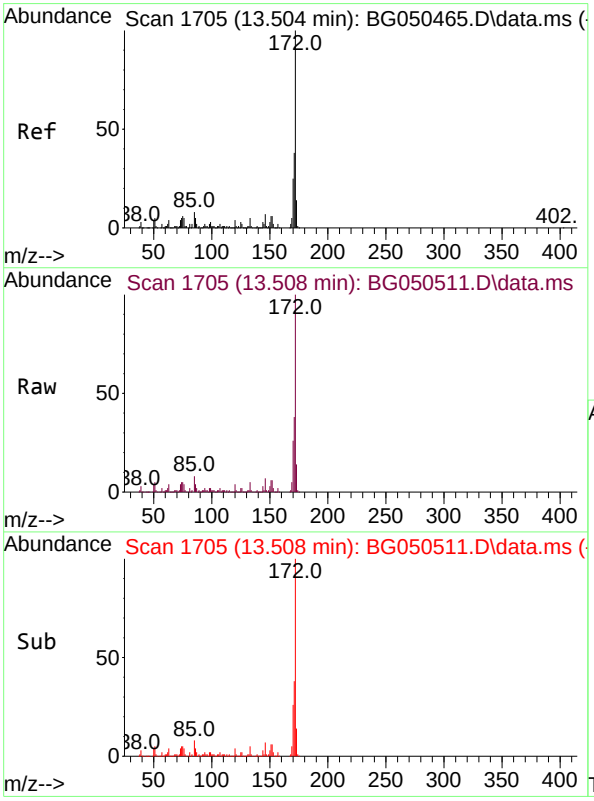


#42
2,4,6-Tribromophenol
Concen: 98.860 ng
RT: 16.364 min Scan# 2191
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:330 Resp: 121685

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	58.6	35.6	53.4#

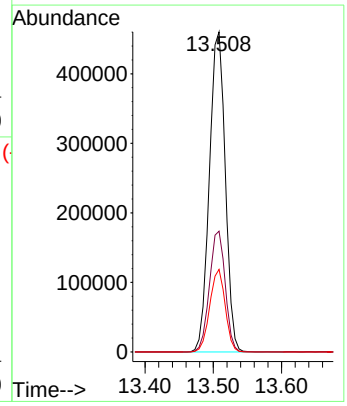




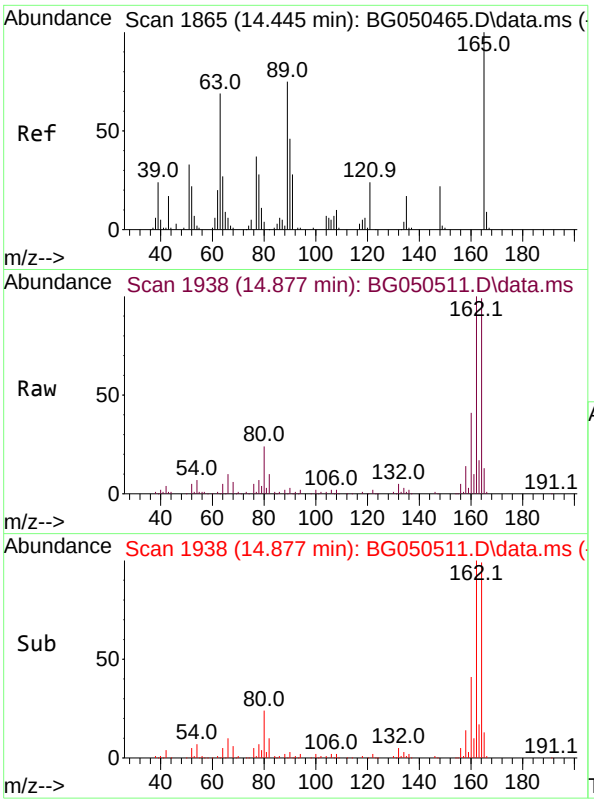
#45
2-Fluorobiphenyl
Concen: 87.046 ng
RT: 13.508 min Scan# 1705
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:172 Resp: 746363

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.6	43.0
170	25.8	18.6	27.8



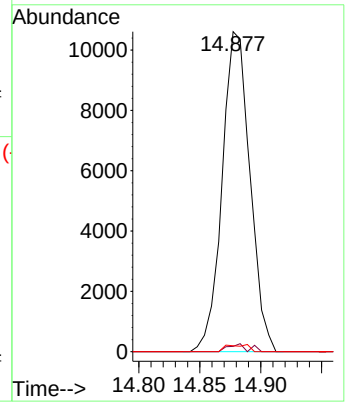
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

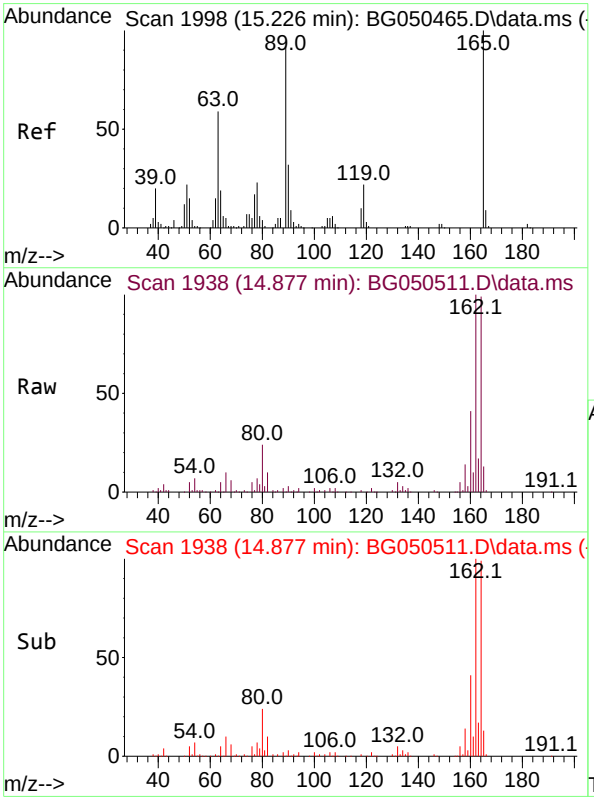


#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.433 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:165 Resp: 16873

Ion	Ratio	Lower	Upper
165	100		
63	1.6	63.3	94.9#
89	1.8	63.4	95.0#

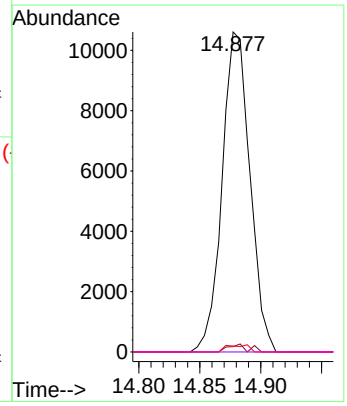




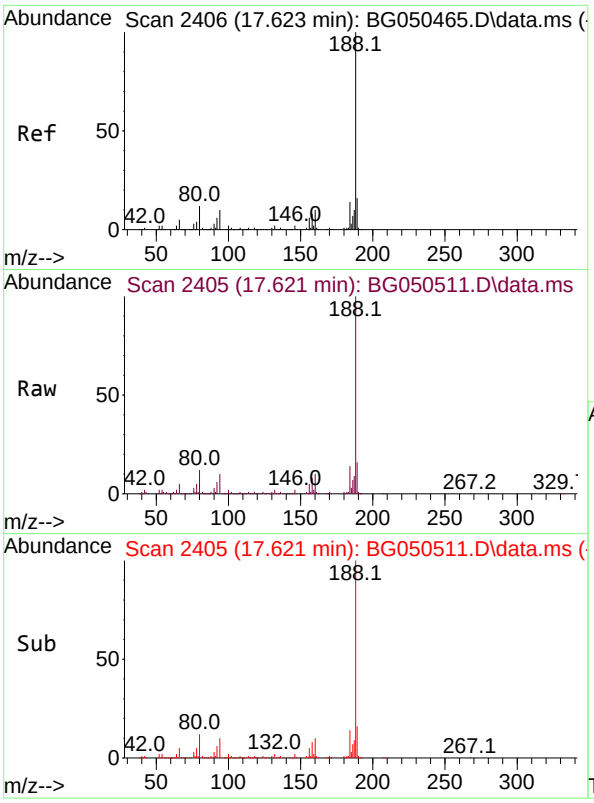
#57
2,4-Dinitrotoluene
Concen: 6.127 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:165 Resp: 16873

Ion	Ratio	Lower	Upper
165	100		
63	1.6	48.0	72.0#
89	1.8	65.4	98.0#
182	0.0	2.0	3.0#



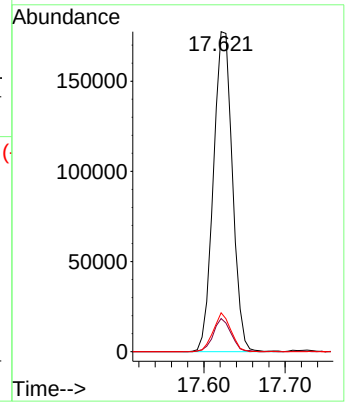
Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)

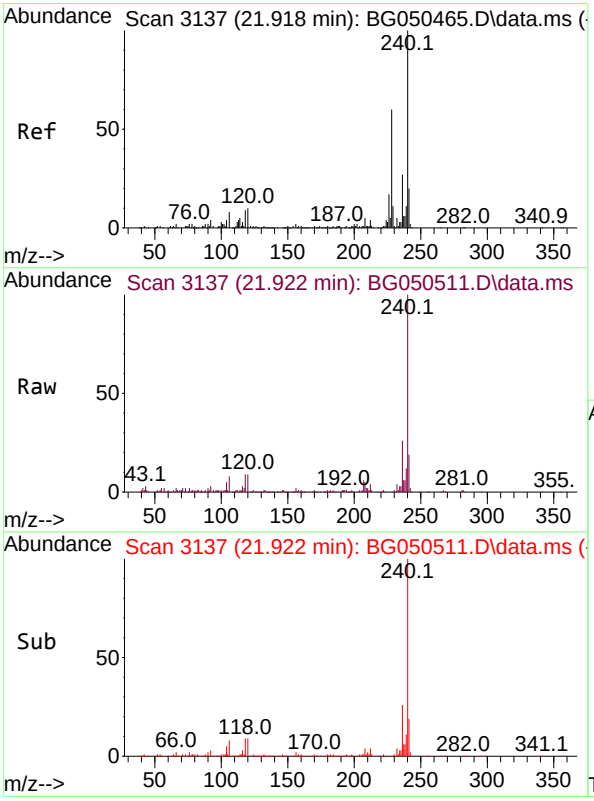


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:188 Resp: 288022

Ion	Ratio	Lower	Upper
188	100		
94	10.3	5.4	8.0#
80	12.2	3.7	5.5#

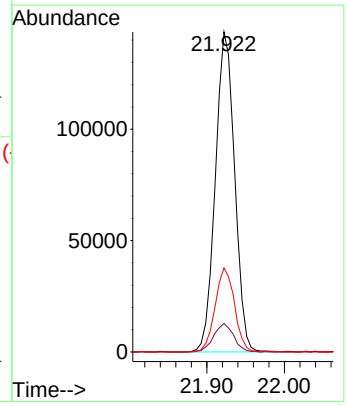




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:240 Resp: 248609

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.2	6.2#
236	26.3	21.8	32.6



Instrument :
BNA_G
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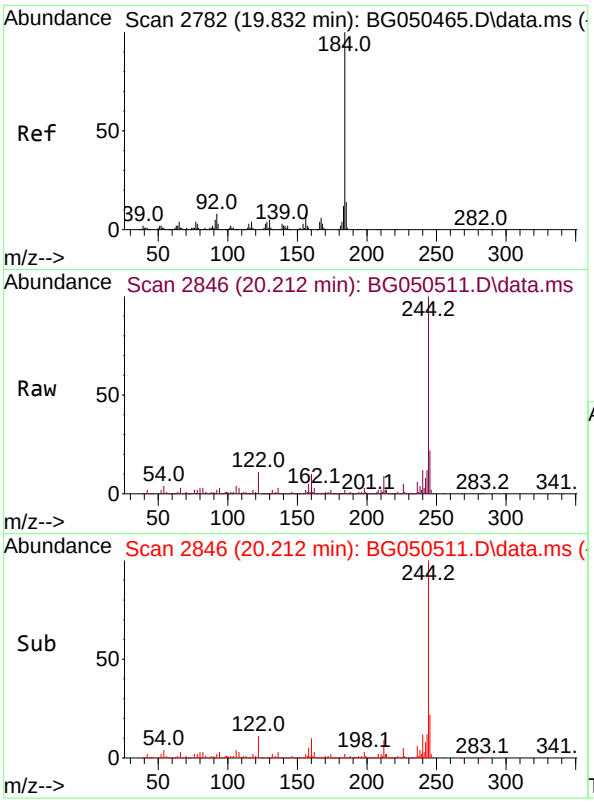
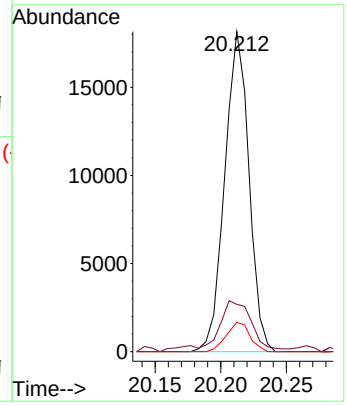
SW-RR-01-(2.0)

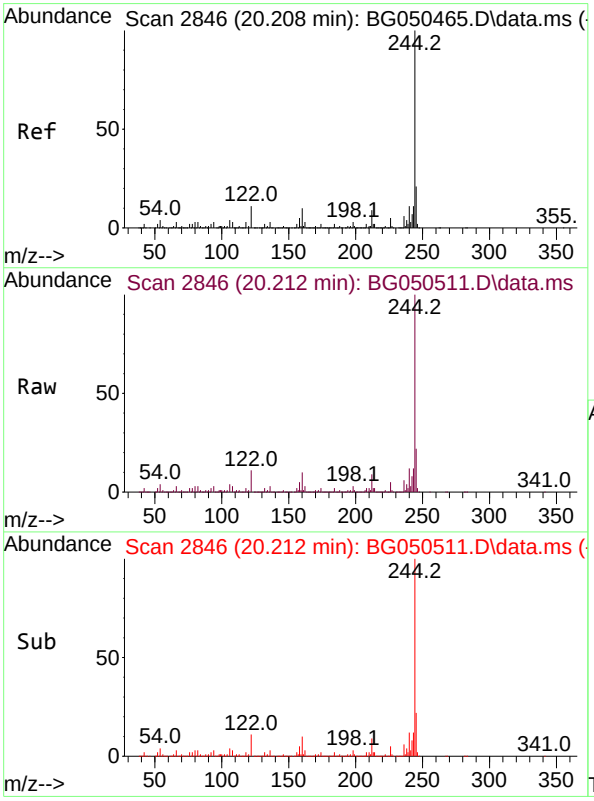


#77
Benzidine
Concen: 2.886 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.380 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:184 Resp: 23251

Ion	Ratio	Lower	Upper
184	100		
185	14.8	10.7	16.1
183	9.1	9.4	14.0#

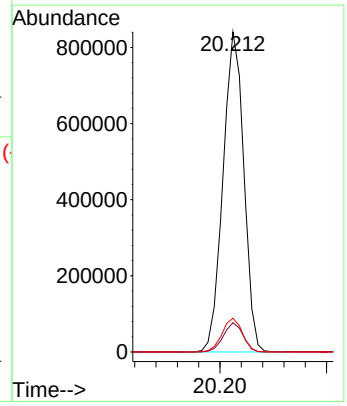


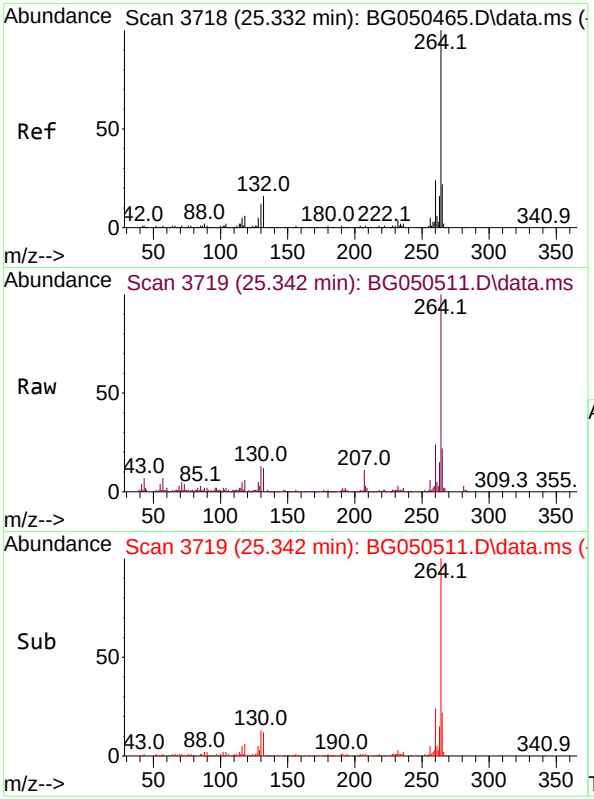


#79
Terphenyl-d14
Concen: 89.243 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:244 Resp: 1138461

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.9	10.3
122	10.6	5.0	7.6#

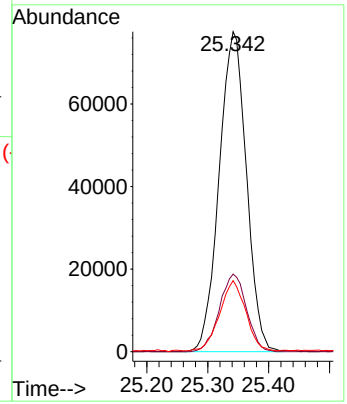




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.010 min
Lab File: BG050511.D
Acq: 8 Oct 2021 16:02

Tgt Ion:264 Resp: 240611

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.2	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
SW-RR-01-(2.0)