Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032321\
Data File : BG048479.D
Acq On : 23 Mar 2021 21:12
Operator : CG/JU
Sample : M1779-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP032221

Quant Time: Mar 24 02:20:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 11:22:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	44514	20.00	ng	# 0.00
21) Naphthalene-d8	10.923	136	188357	20.00	ng	0.00
39) Acenaphthene-d10	14.742	164	138749	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	325246	20.00	ng	0.00
76) Chrysene-d12	21.781	240	307143	20.00	ng	#-0.01
86) Perylene-d12	25.119	264	334134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	244996	91.01	ng	0.00
7) Phenol-d6	7.251	99	340075	86.82	ng	0.00
23) Nitrobenzene-d5	9.267	82	257616	54.69	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	205690	91.16	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	553429	57.38	ng	0.00
79) Terphenyl-d14	20.101	244	962703	56.53	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.239	77	529	Below Cal		# 1
10) Phenol	7.275	94	8055	2.01	ng	# 37
19) n-Nitroso-di-n-propyla...	9.267	70	39035	13.43	ng	# 71
51) 2,6-Dinitrotoluene	14.742	165	18944	7.80	ng	# 34
57) 2,4-Dinitrotoluene	14.742	165	18944	5.49	ng	# 32
67) 4-Bromophenyl-phenylether	16.229	248	12683	3.10	ng	# 1
77) Benzidine	20.101	184	18809	2.04	ng	94

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

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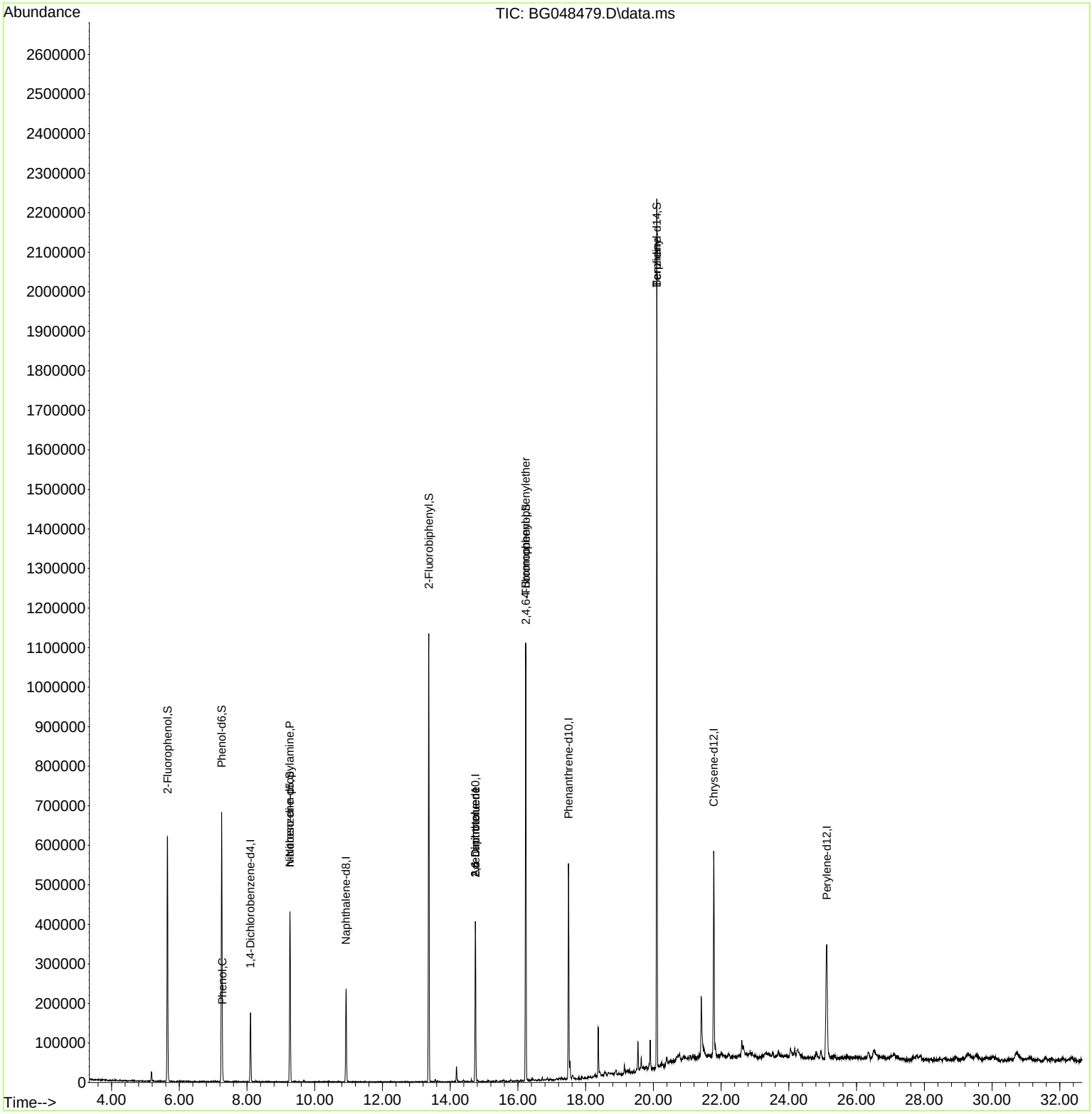

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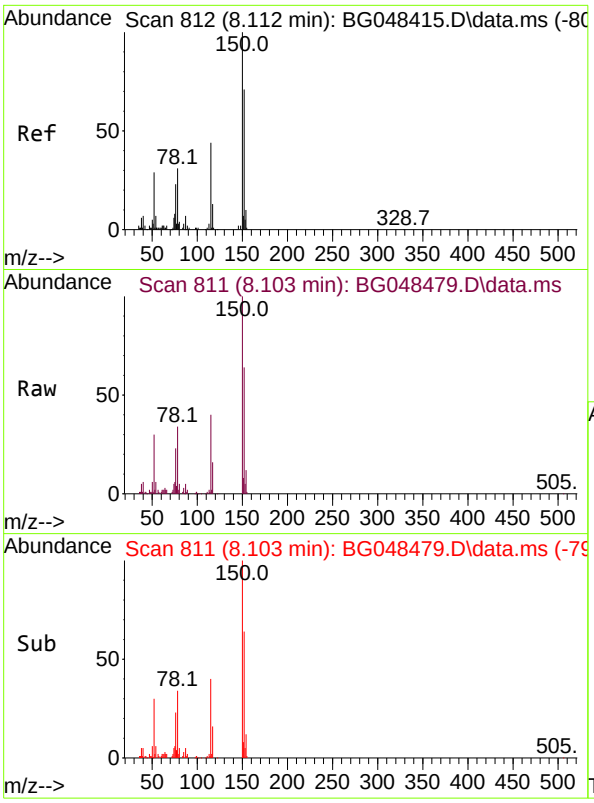
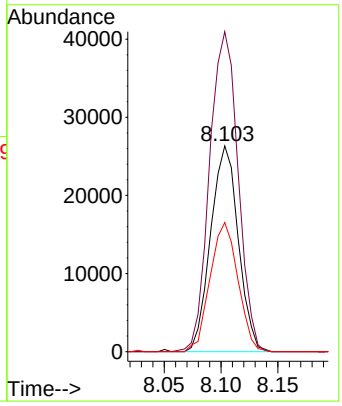
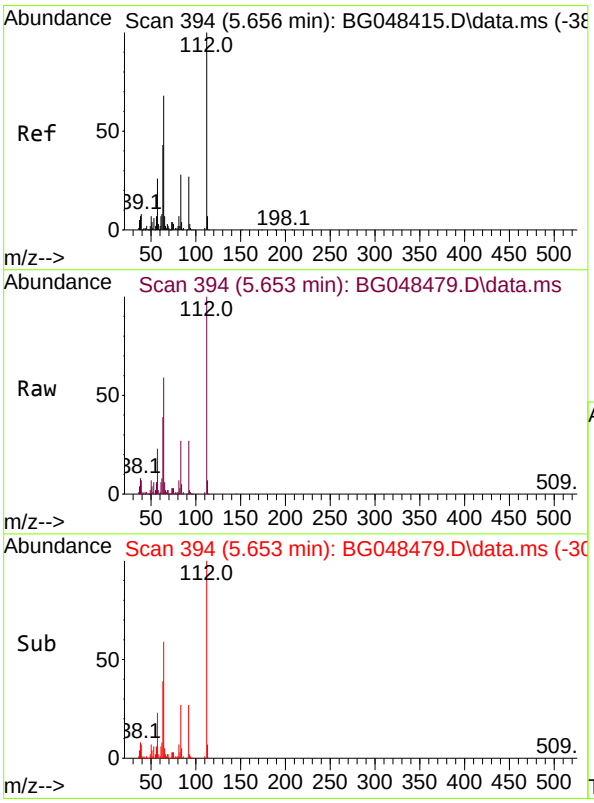


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.103 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:152 Resp: 44514

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.0	187.6
115	62.7	41.8	62.6#

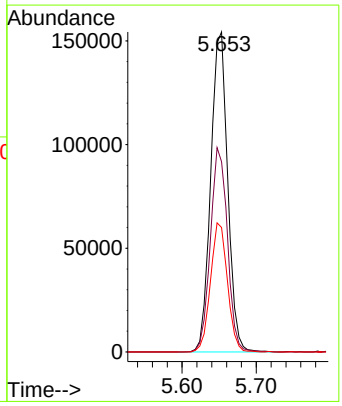


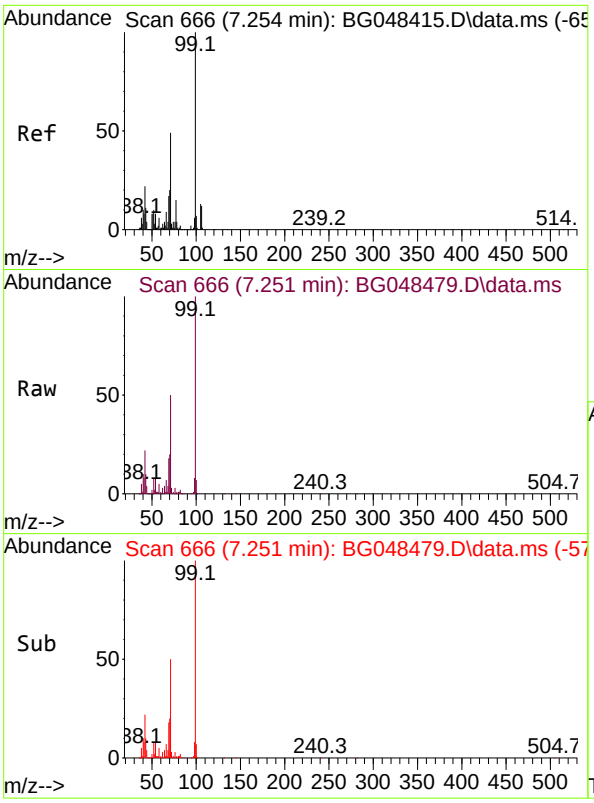


#5
2-Fluorophenol
Concen: 91.01 ng
RT: 5.653 min Scan# 394
Delta R.T. 0.006 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:112 Resp: 244996

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.7	70.1
63	38.9	22.8	34.2#

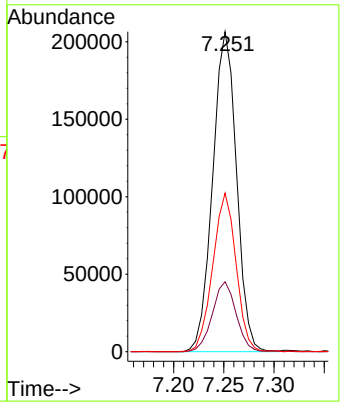




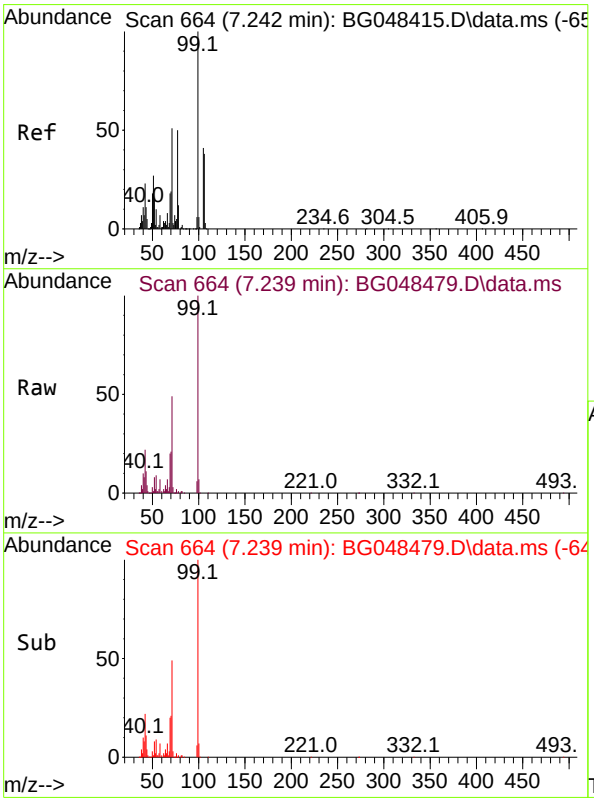
#7
Phenol-d6
Concen: 86.82 ng
RT: 7.251 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion: 99 Resp: 340075

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	49.6	24.6	36.8#



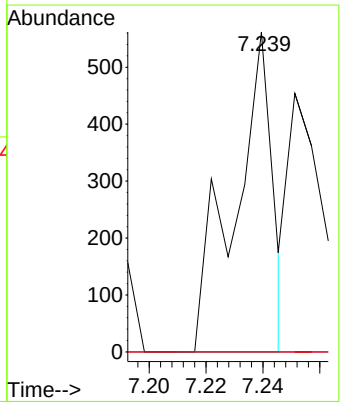
Instrument :
BNA_G
ClientSampleId :
DUP032221



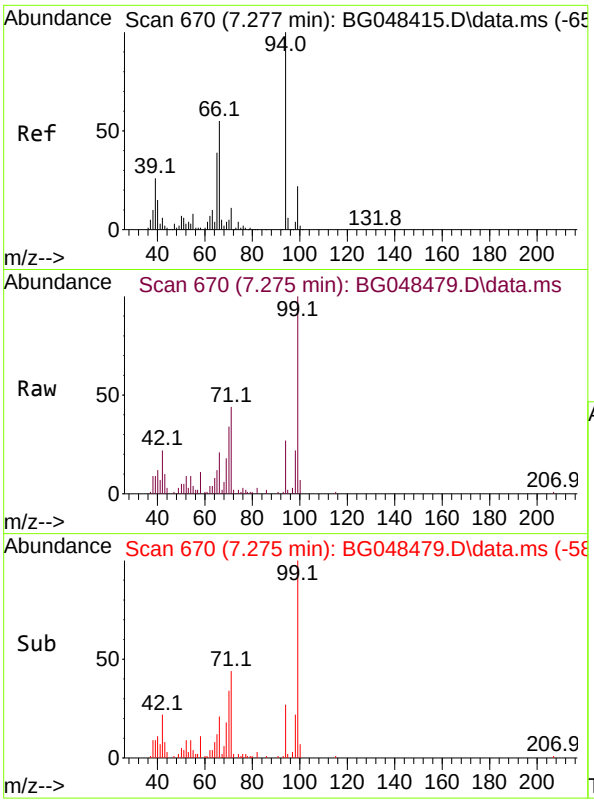
#9
Benzaldehyde
Concen: Below Cal
RT: 7.239 min Scan# 664
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion: 77 Resp: 529

Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.9	125.9#
106	0.0	80.9	120.9#



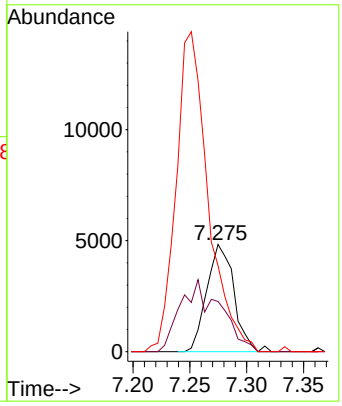
Instrument :
BNA_G
ClientSampleId :
DUP032221

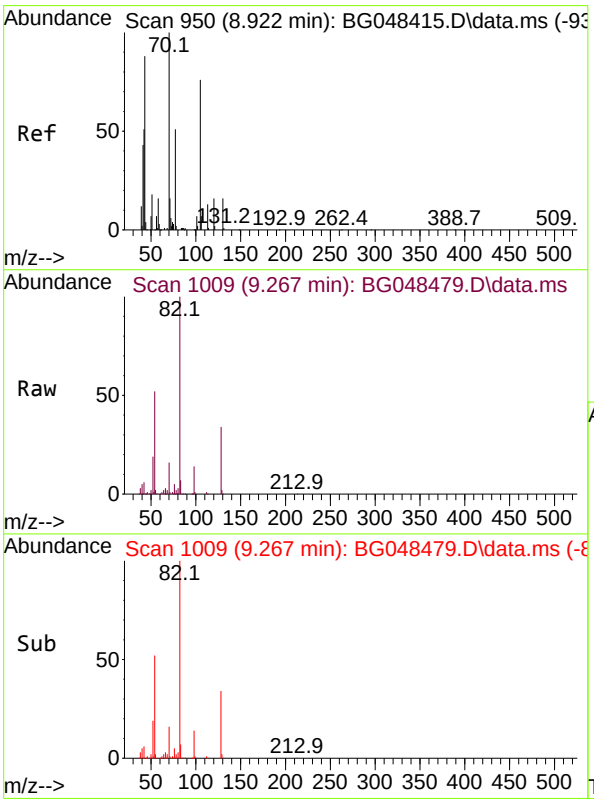


#10
Phenol
Concen: 2.01 ng
RT: 7.275 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion: 94 Resp: 8055

Ion	Ratio	Lower	Upper
94	100		
65	46.8	6.6	46.6#
66	80.3	13.9	53.9#

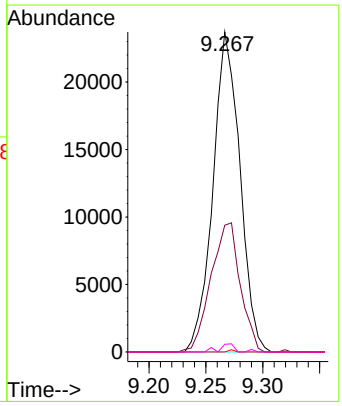




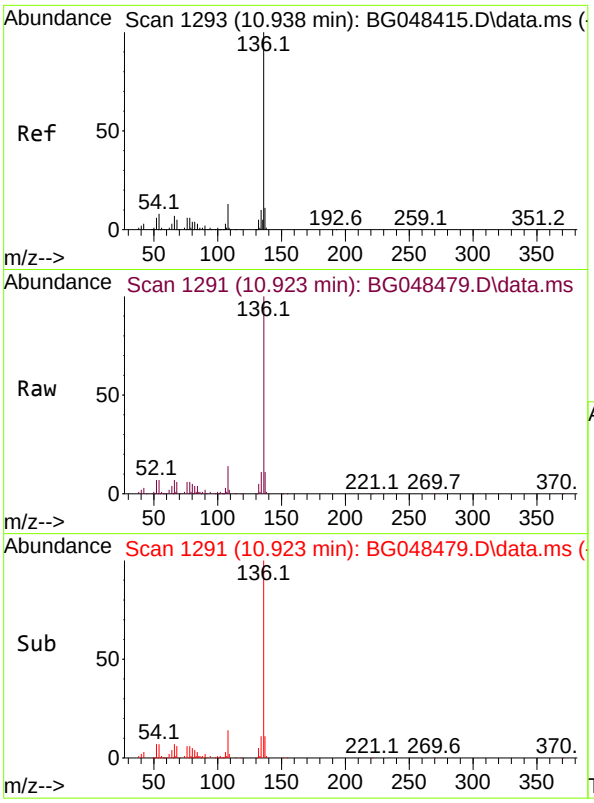
#19
n-Nitroso-di-n-propylamine
Concen: 13.43 ng
RT: 9.267 min Scan# 1009
Delta R.T. 0.353 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion: 70 Resp: 39035

Ion	Ratio	Lower	Upper
70	100		
42	39.6	45.6	68.4#
101	0.0	8.4	12.6#
130	2.4	17.8	26.8#



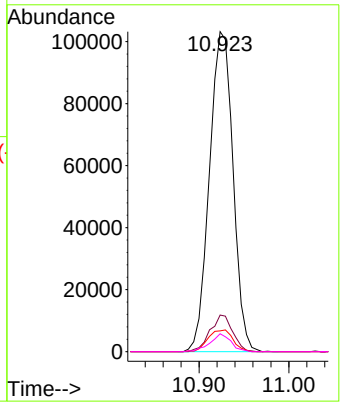
Instrument :
BNA_G
ClientSampleId :
DUP032221

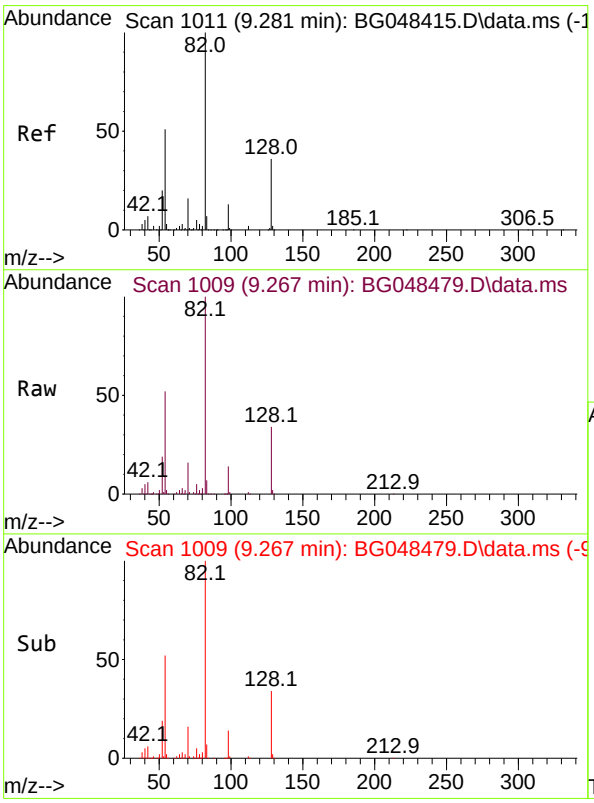


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.923 min Scan# 1291
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:136 Resp: 188357

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.5	6.2	9.4
68	5.6	5.0	7.4

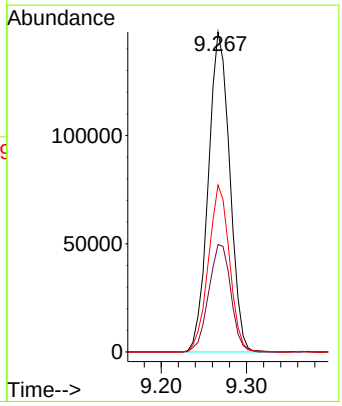




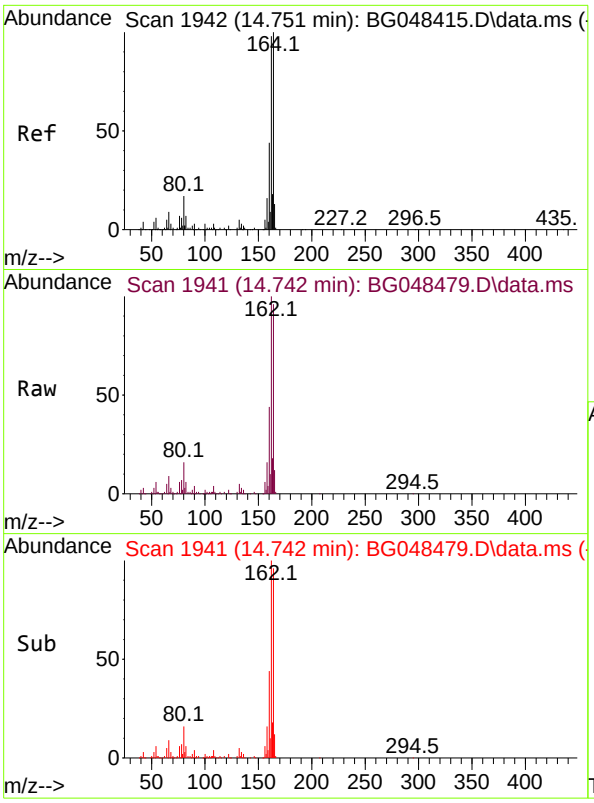
#23
Nitrobenzene-d5
Concen: 54.69 ng
RT: 9.267 min Scan# 1009
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion: 82 Resp: 257616

Ion	Ratio	Lower	Upper
82	100		
128	33.5	37.0	55.6#
54	52.1	39.0	58.4



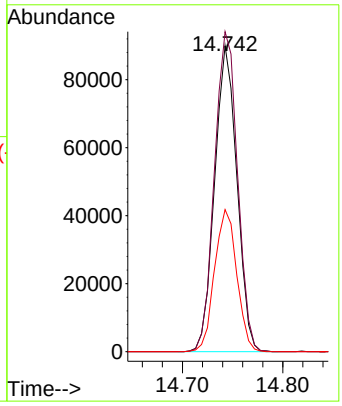
Instrument :
BNA_G
ClientSampleId :
DUP032221

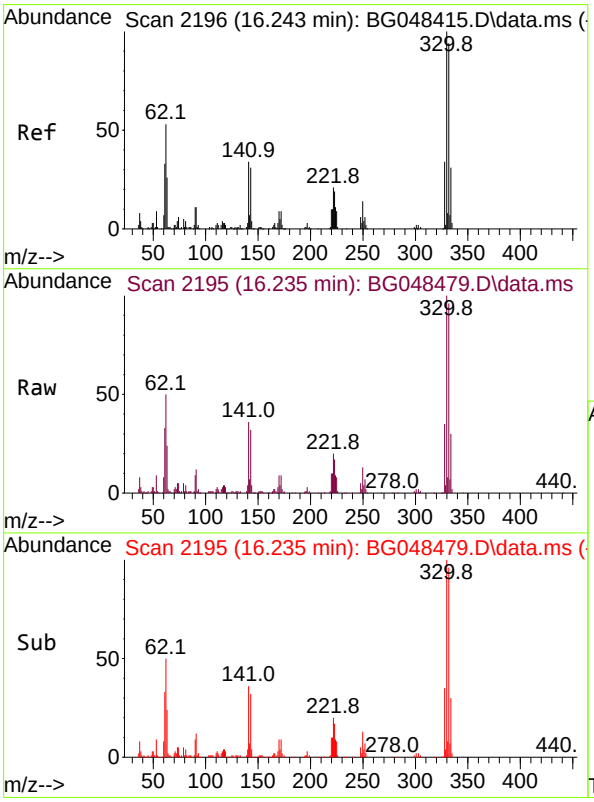


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:164 Resp: 138749

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.3	123.5
160	46.5	35.3	52.9

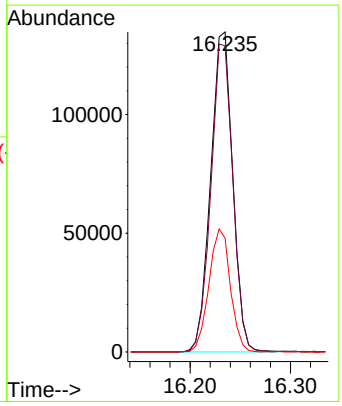




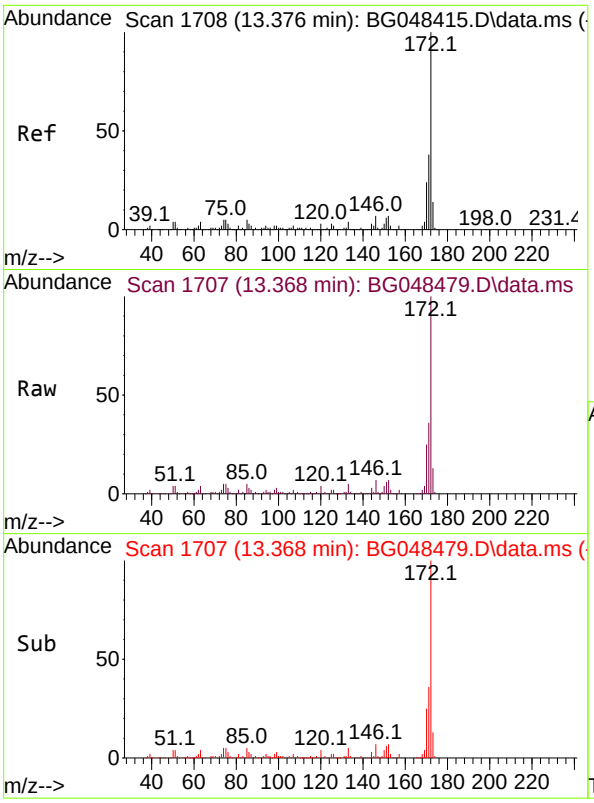
#42
2,4,6-Tribromophenol
Concen: 91.16 ng
RT: 16.235 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:330 Resp: 205690

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.5	114.7
141	37.3	26.0	39.0



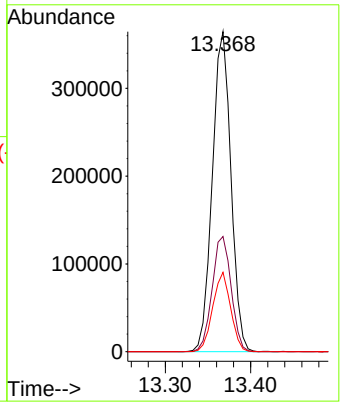
Instrument :
BNA_G
ClientSampleId :
DUP032221

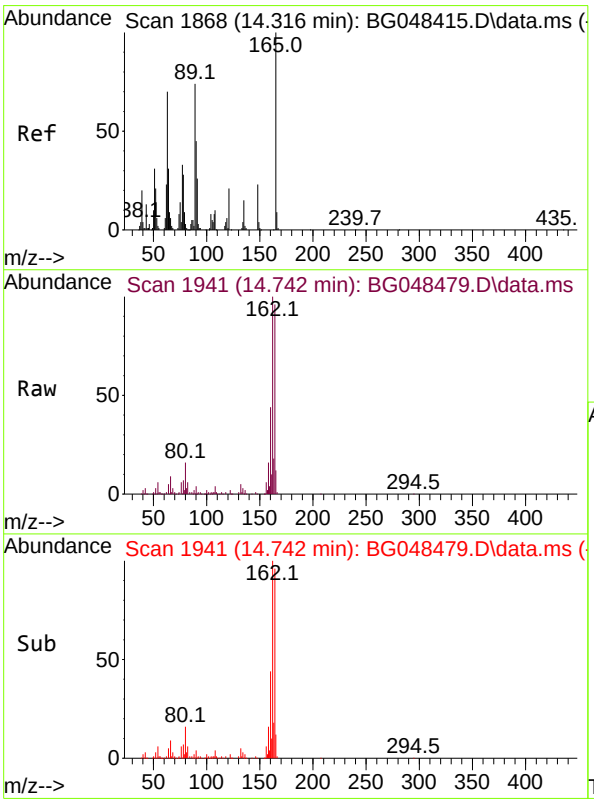


#45
2-Fluorobiphenyl
Concen: 57.38 ng
RT: 13.368 min Scan# 1707
Delta R.T. 0.000 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:172 Resp: 553429

Ion	Ratio	Lower	Upper
172	100		
171	36.0	31.3	46.9
170	24.8	20.8	31.2

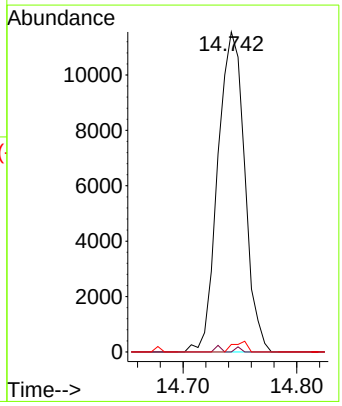




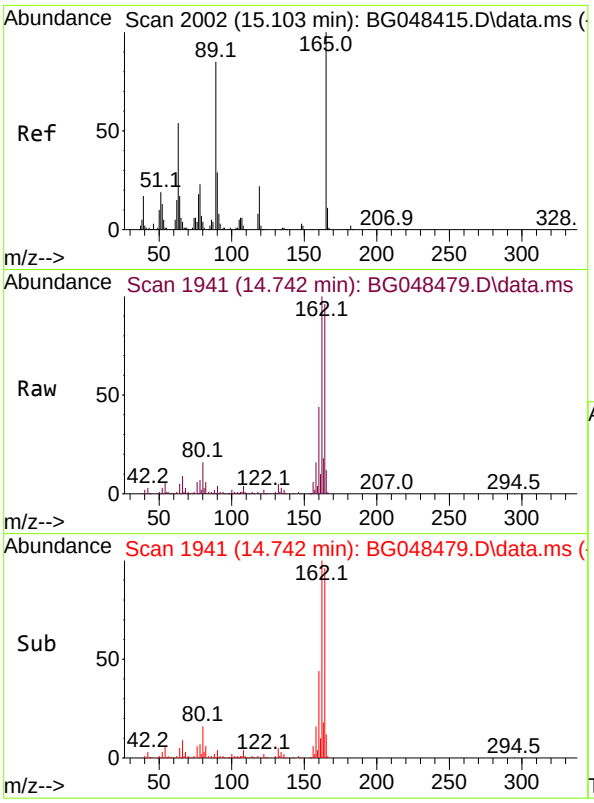
#51
2,6-Dinitrotoluene
Concen: 7.80 ng
RT: 14.742 min Scan# 1941
Delta R.T. 0.429 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:165 Resp: 18944

Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.7	50.5#
89	2.3	36.6	54.8#



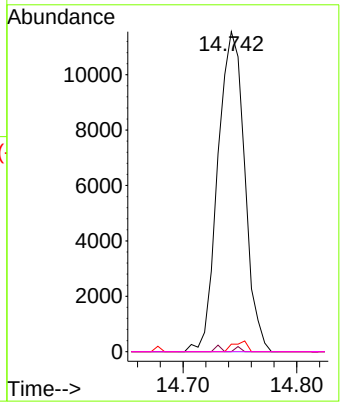
Instrument :
BNA_G
ClientSampleId :
DUP032221

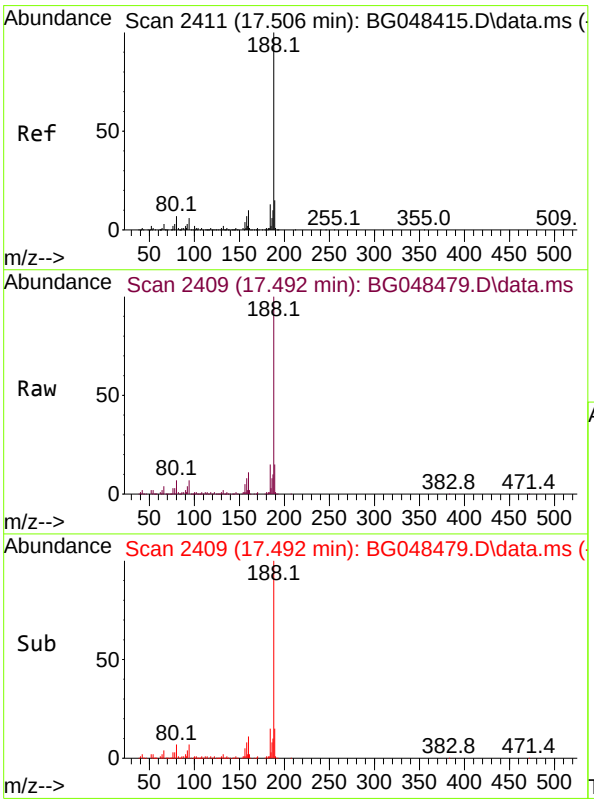


#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.358 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:165 Resp: 18944

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.4	39.6#
89	2.3	47.8	71.8#
182	0.0	2.6	4.0#

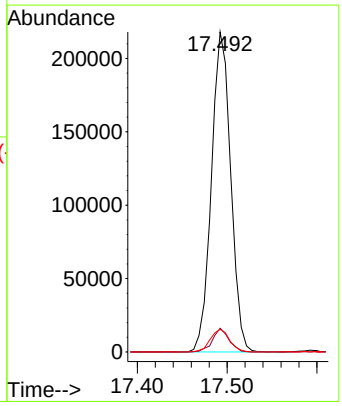




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:188 Resp: 325246

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.3	9.5
80	7.1	7.0	10.6



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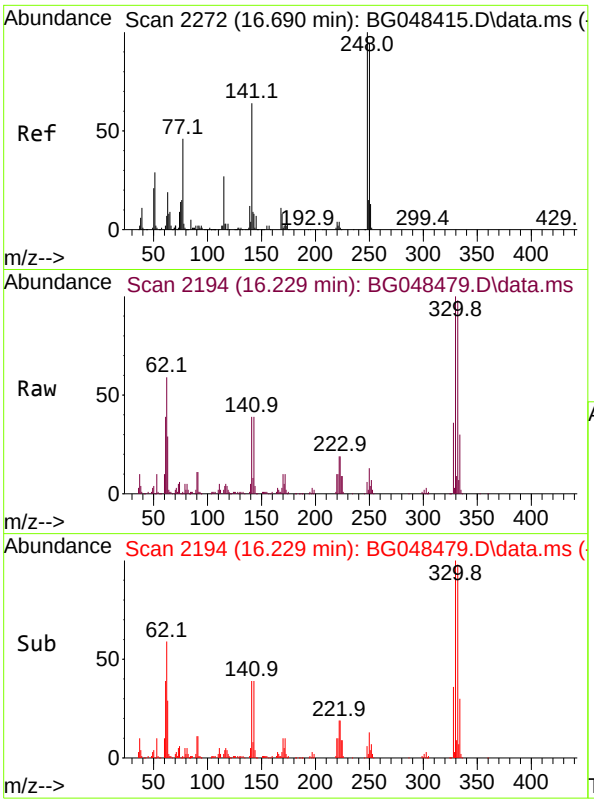
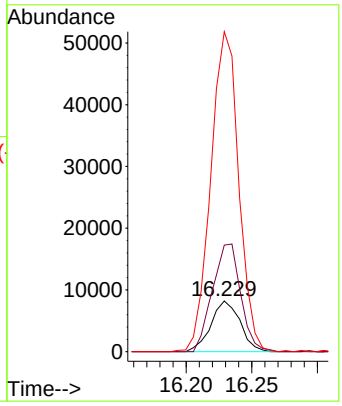
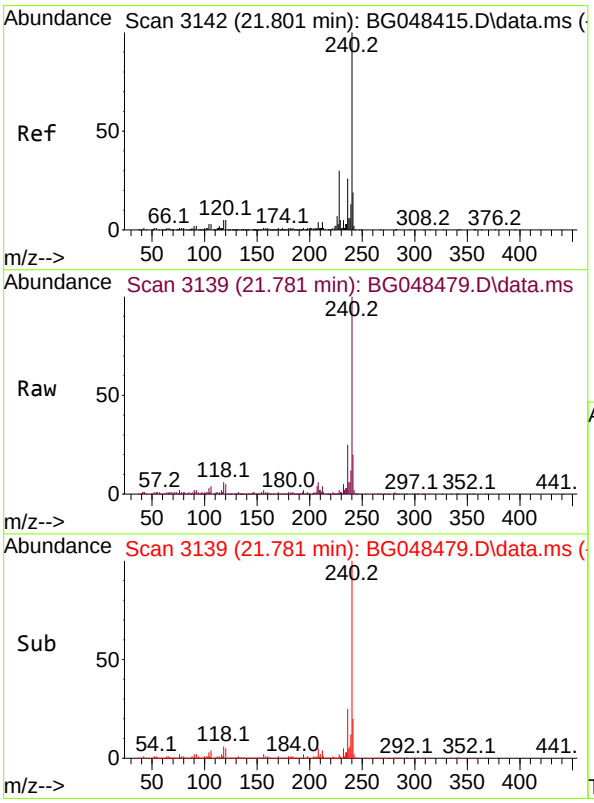


#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 16.229 min Scan# 2194
Delta R.T. -0.452 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:248 Resp: 12683

Ion	Ratio	Lower	Upper
248	100		
250	209.9	78.9	118.3#
141	629.9	46.2	69.4#

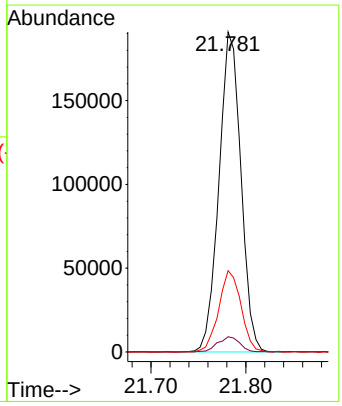




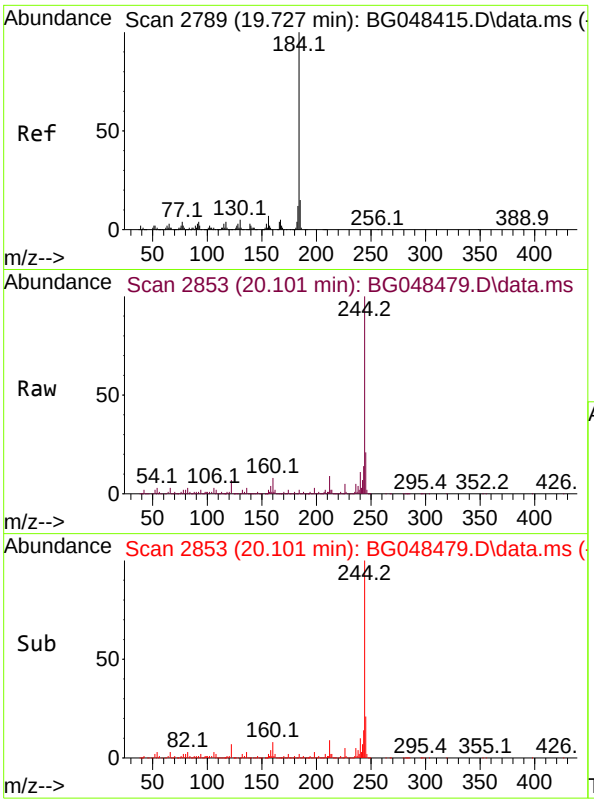
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.781 min Scan# 3139
Delta R.T. -0.011 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:240 Resp: 307143

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.2	9.4#
236	25.4	20.5	30.7



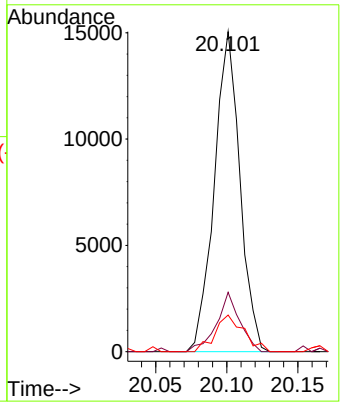
Instrument :
BNA_G
ClientSampleId :
DUP032221

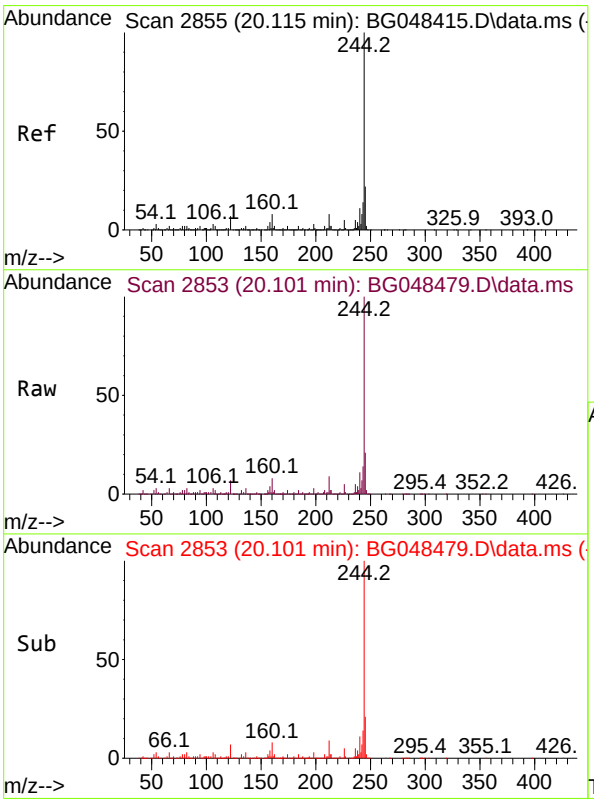


#77
Benzidine
Concen: 2.04 ng
RT: 20.101 min Scan# 2853
Delta R.T. 0.377 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:184 Resp: 18809

Ion	Ratio	Lower	Upper
184	100		
185	18.5	12.4	18.6
183	11.4	10.6	15.8

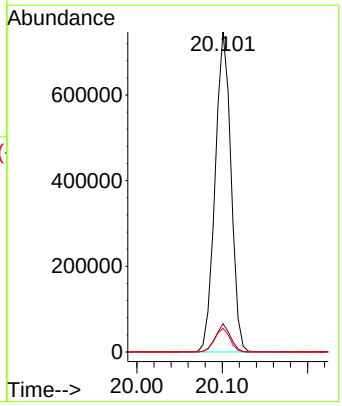


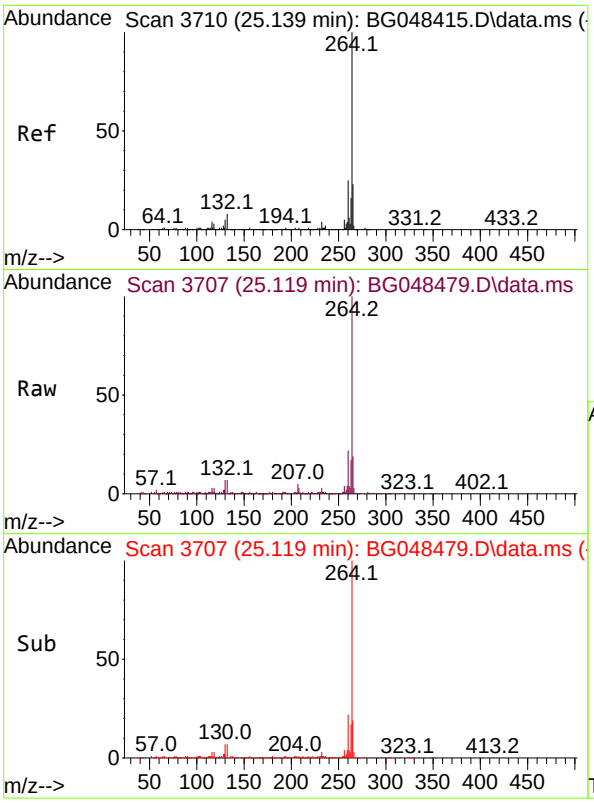


#79
Terphenyl-d14
Concen: 56.53 ng
RT: 20.101 min Scan# 2853
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:244 Resp: 962703

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	7.4	7.8	11.6#

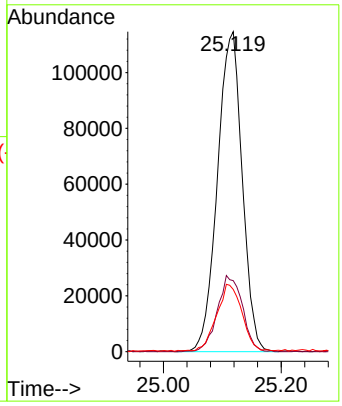




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.119 min Scan# 3707
Delta R.T. -0.005 min
Lab File: BG048479.D
Acq: 23 Mar 2021 21:12

Tgt Ion:264 Resp: 334134

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.8	28.2
265	19.5	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
DUP032221