Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048727.D
Acq On : 16 Apr 2021 16:43
Operator : CG/JU
Sample : M1998-13
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EB_04-08-2021_SO

Quant Time: Apr 16 18:02:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 15:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.079	152	17846	20.00	ng	0.00
21) Naphthalene-d8	10.911	136	76367	20.00	ng	# 0.00
39) Acenaphthene-d10	14.742	164	50781	20.00	ng	0.00
64) Phenanthrene-d10	17.492	188	133603	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	135781	20.00	ng	0.00
86) Perylene-d12	25.136	264	133519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	70689	66.25	ng	0.00
7) Phenol-d6	7.239	99	53576	35.50	ng	0.00
23) Nitrobenzene-d5	9.254	82	165788	97.19	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	105108	154.37	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	370343	105.32	ng	0.00
79) Terphenyl-d14	20.106	244	672874	85.29	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.254	70	26414	25.94	ng	# 73
41) Hexachlorocyclopentadiene	12.844	237	57	5.92	ng	# 31
51) 2,6-Dinitrotoluene	14.736	165	7008	7.97	ng	# 14
54) 2,4-Dinitrophenol	14.689	184	92	5.44	ng	# 8
57) 2,4-Dinitrotoluene	14.736	165	7008	5.49	ng	# 19
67) 4-Bromophenyl-phenylether	16.234	248	8075	5.25	ng	# 1
77) Benzidine	20.106	184	14800	4.01	ng	# 91

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

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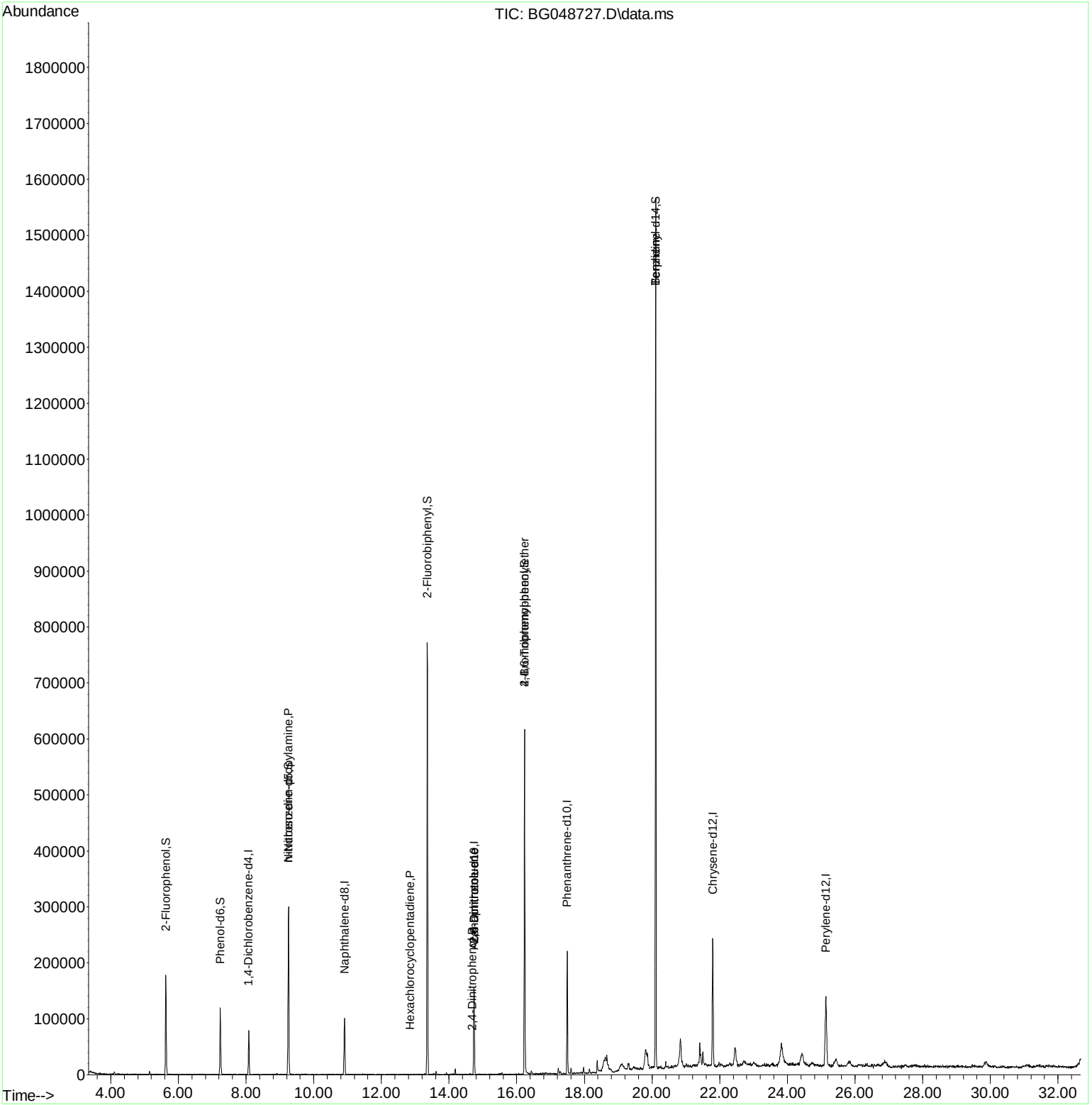
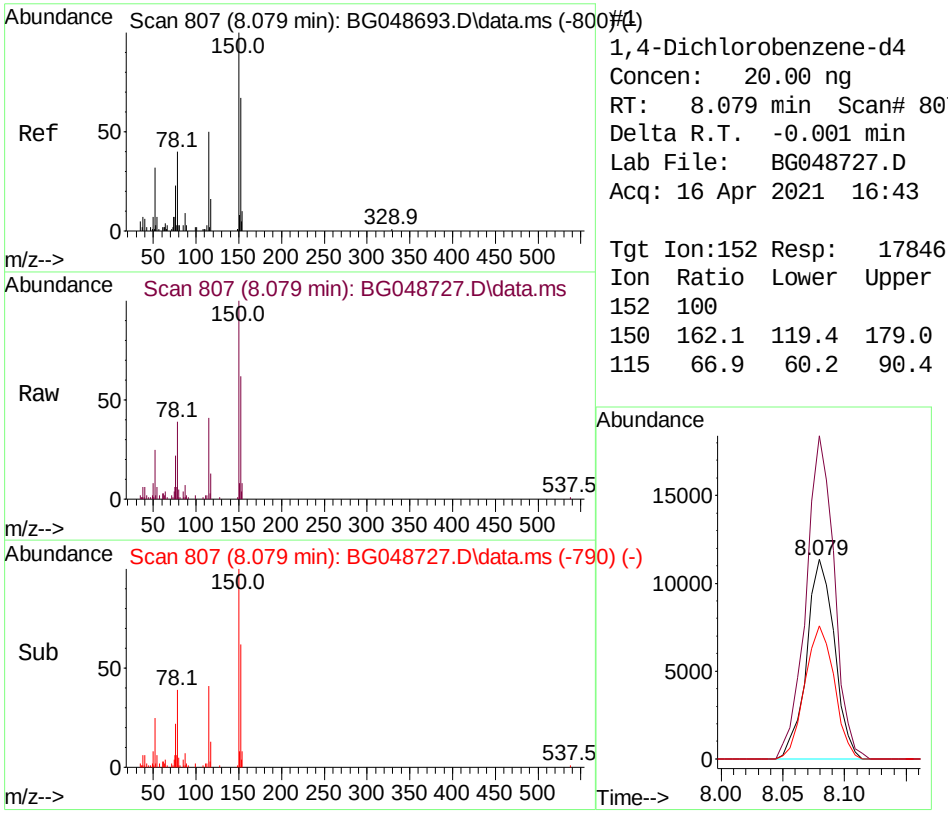


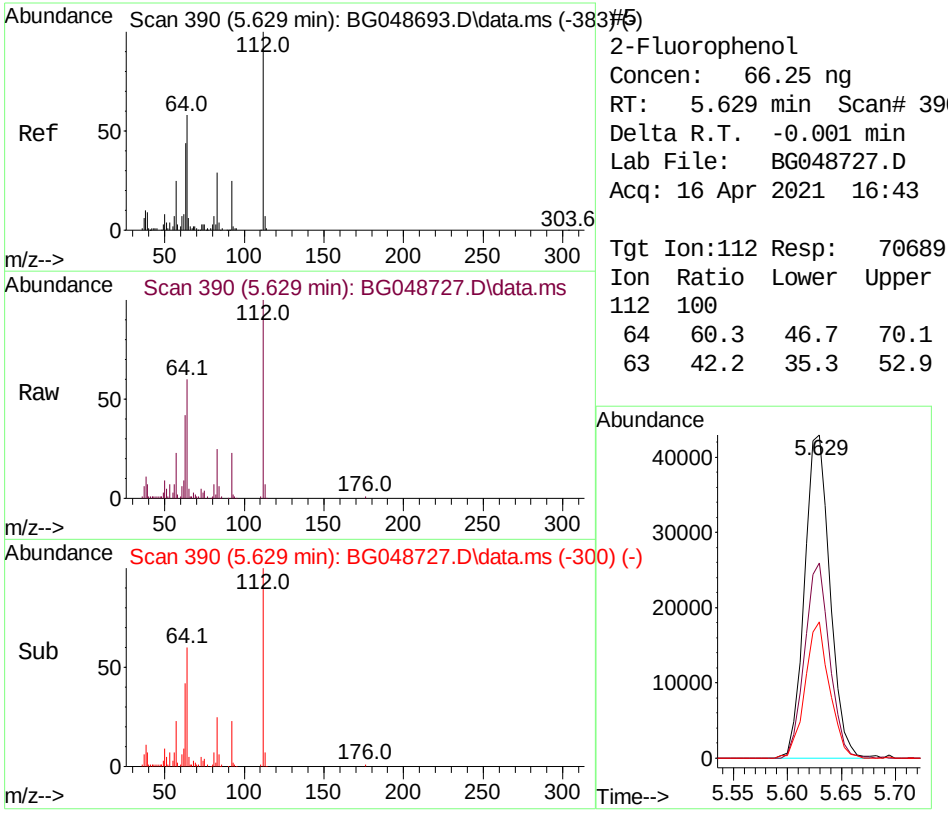


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.079 min Scan# 807
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:152 Resp: 17846

Ion	Ratio	Lower	Upper
152	100		
150	162.1	119.4	179.0
115	66.9	60.2	90.4

Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

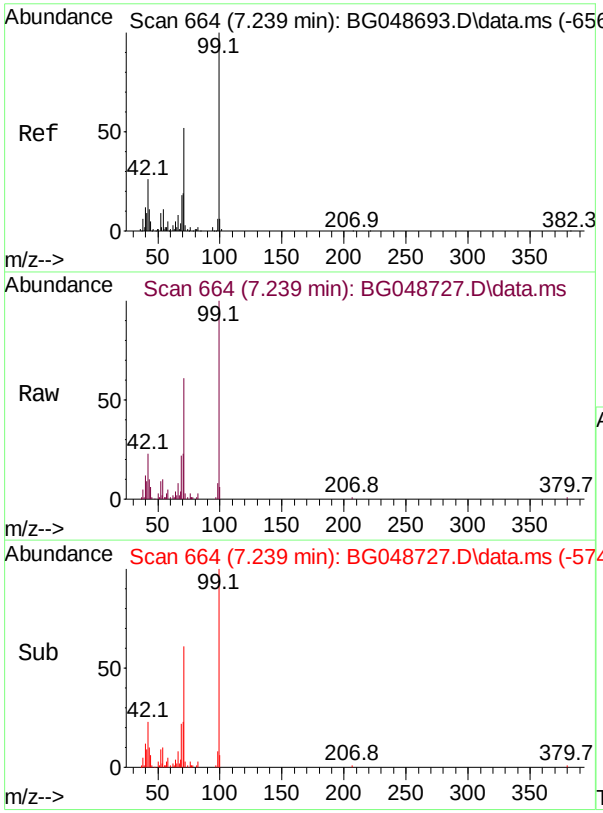


#5
2-Fluorophenol
Concen: 66.25 ng
RT: 5.629 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:112 Resp: 70689

Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.7	70.1
63	42.2	35.3	52.9

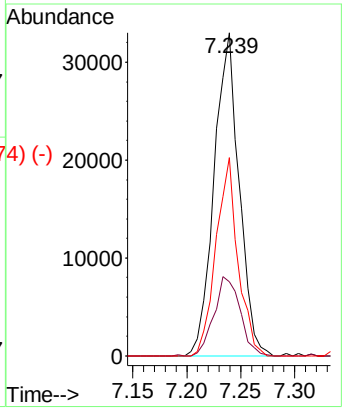
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

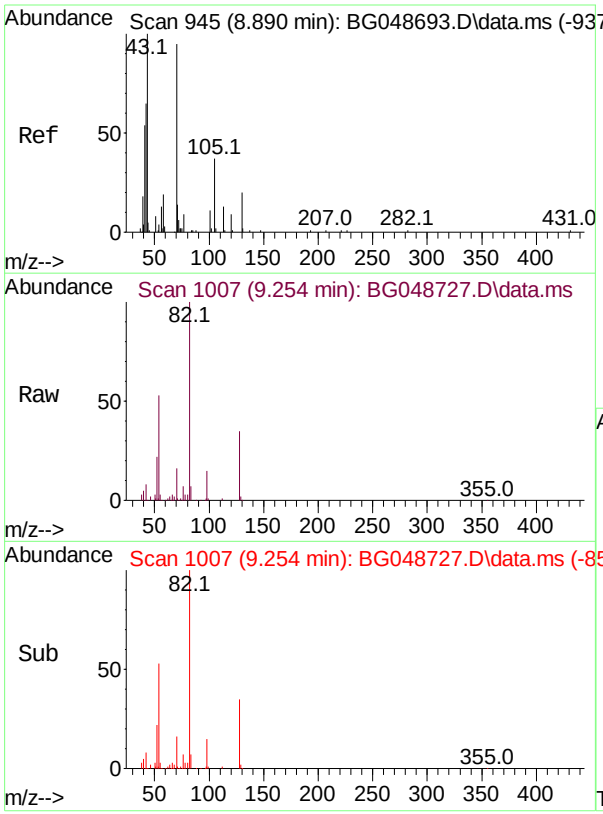


#7
Phenol-d6
Concen: 35.50 ng
RT: 7.239 min Scan# 664
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion: 99 Resp: 53576

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.5	30.7
71	61.3	41.5	62.3

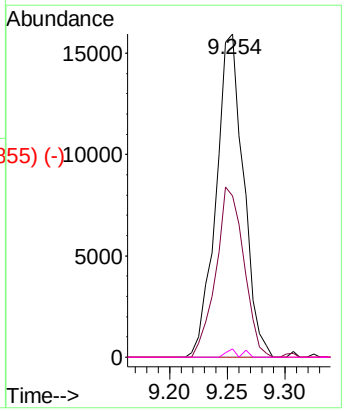




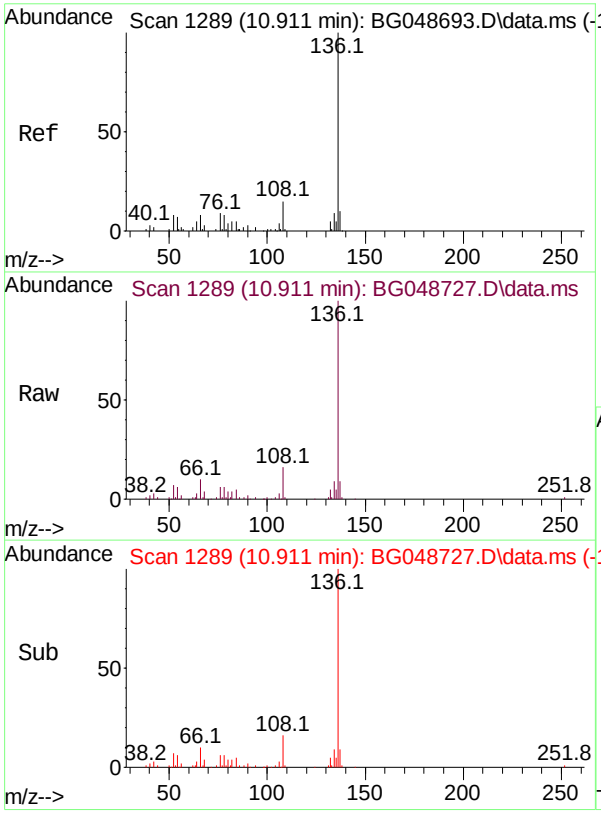
#19
n-Nitroso-di-n-propylamine
Concen: 25.94 ng
RT: 9.254 min Scan# 1007
Delta R.T. 0.364 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion: 70 Resp: 26414

Ion	Ratio	Lower	Upper
70	100		
42	49.9	54.5	81.7#
101	0.0	9.0	13.6#
130	2.5	17.0	25.6#



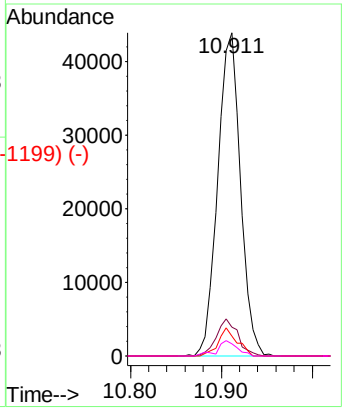
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

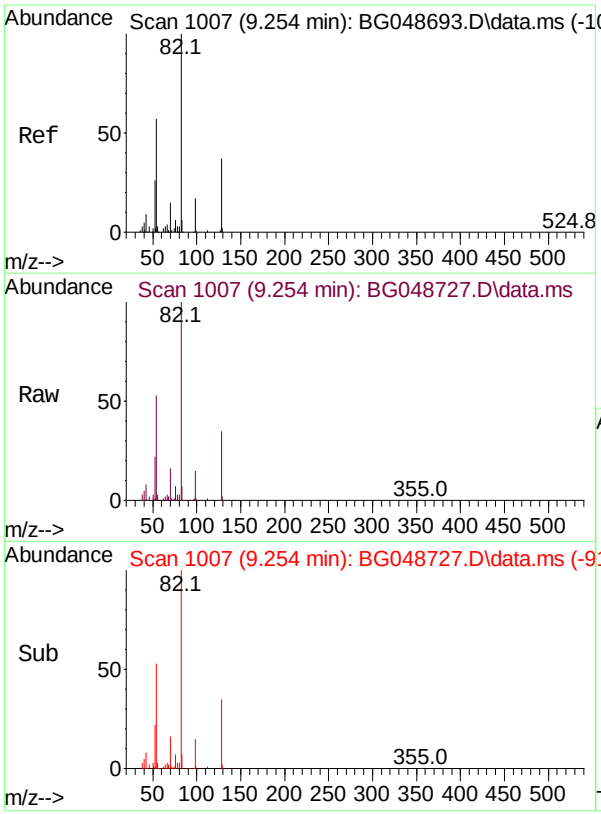


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.911 min Scan# 1289
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:136 Resp: 76367

Ion	Ratio	Lower	Upper
136	100		
137	8.9	8.2	12.2
54	6.1	5.5	8.3
68	3.7	2.3	3.5#

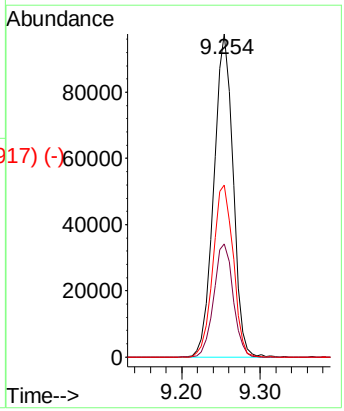




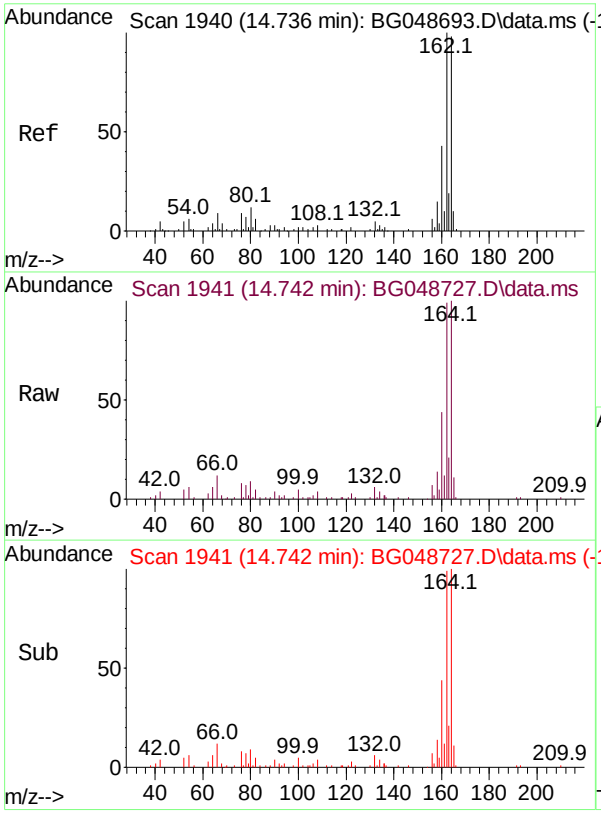
#23
Nitrobenzene-d5
Concen: 97.19 ng
RT: 9.254 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion: 82 Resp: 165788

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.8	44.6
54	53.3	45.8	68.8



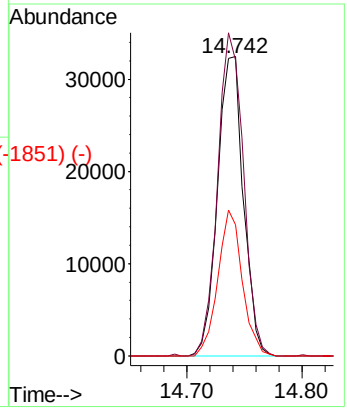
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

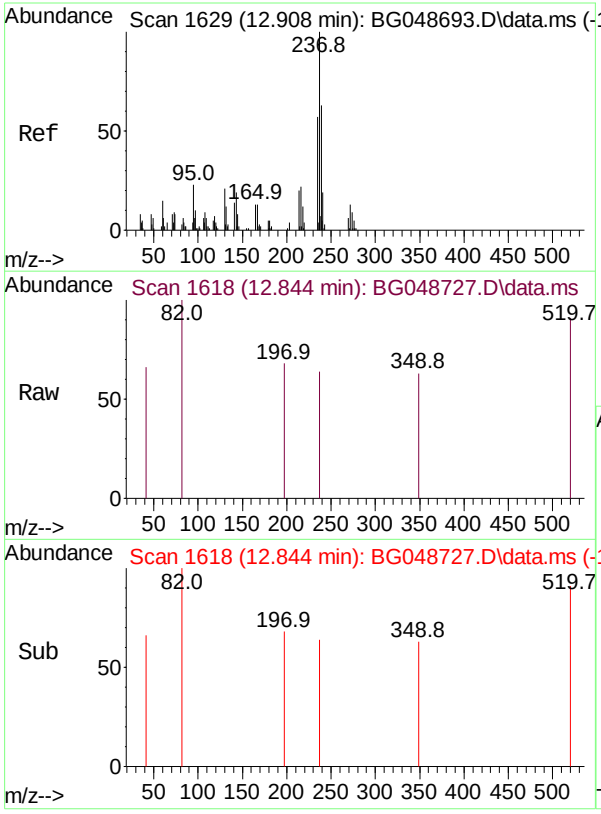


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.742 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:164 Resp: 50781

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.4	122.0
160	43.7	34.9	52.3

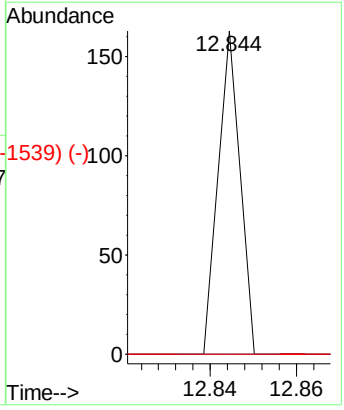




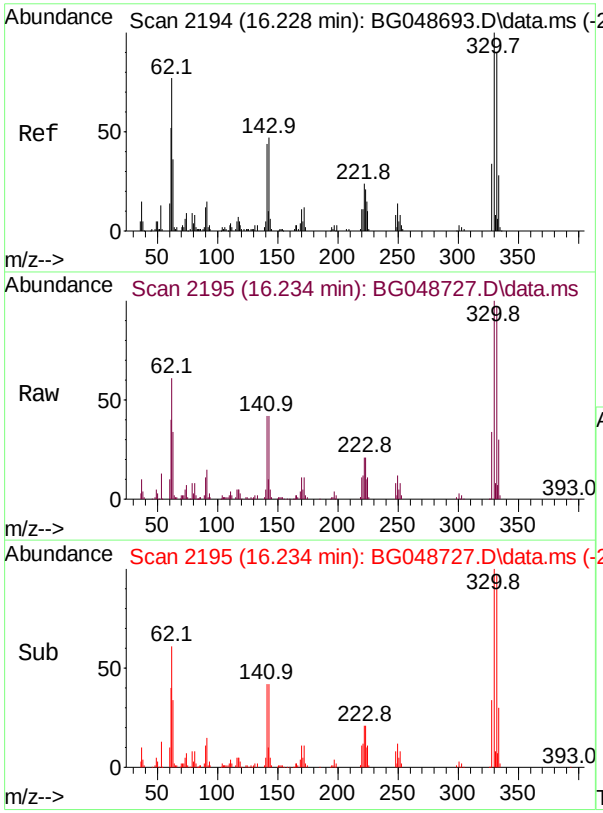
#41
Hexachlorocyclopentadiene
Concen: 5.92 ng
RT: 12.844 min Scan# 1618
Delta R.T. -0.065 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:237 Resp: 57

Ion	Ratio	Lower	Upper
237	100		
235	0.0	36.6	76.6#
272	0.0	0.0	32.5



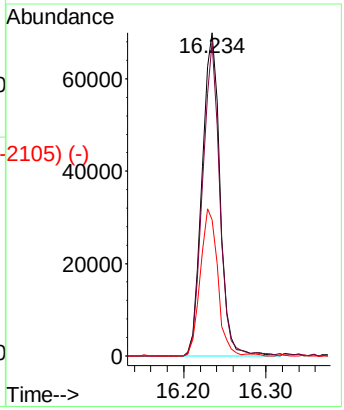
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

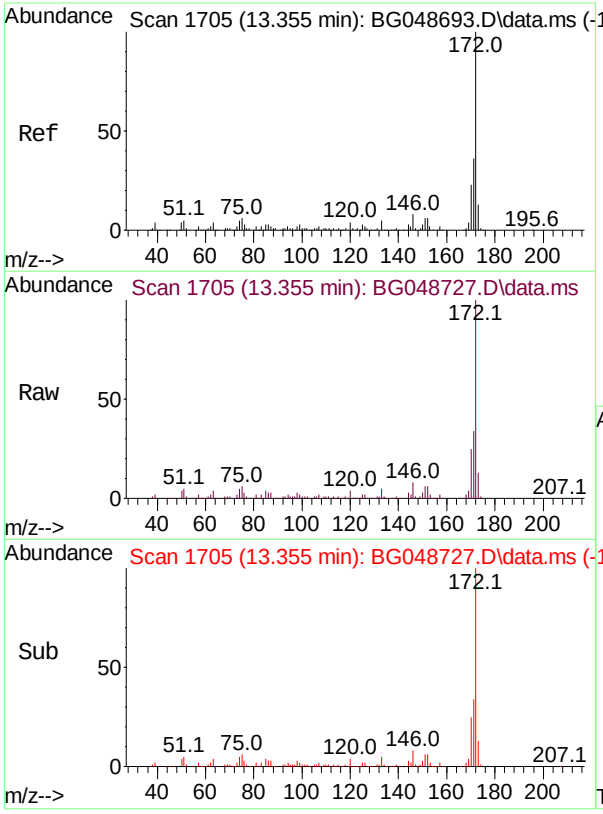


#42
2,4,6-Tribromophenol
Concen: 154.37 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:330 Resp: 105108

Ion	Ratio	Lower	Upper
330	100		
332	92.9	77.3	115.9
141	44.6	35.6	53.4

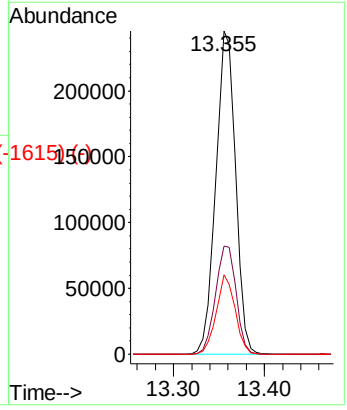




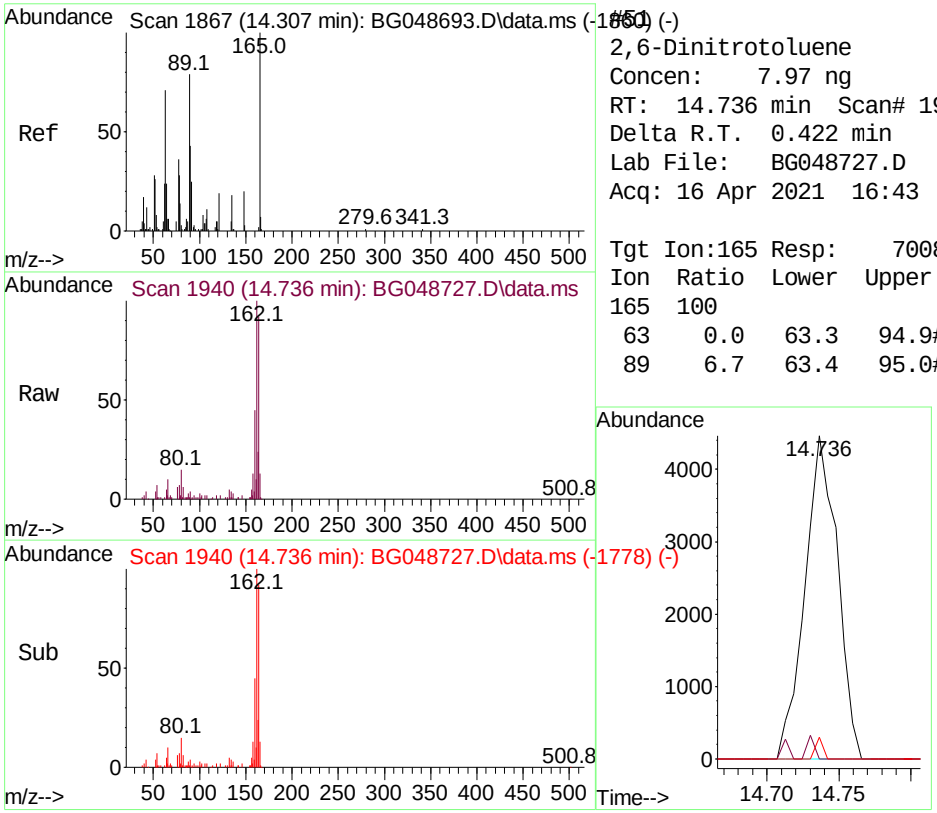
#45
2-Fluorobiphenyl
Concen: 105.32 ng
RT: 13.355 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:172 Resp: 370343

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.6	43.0
170	24.5	18.6	27.8



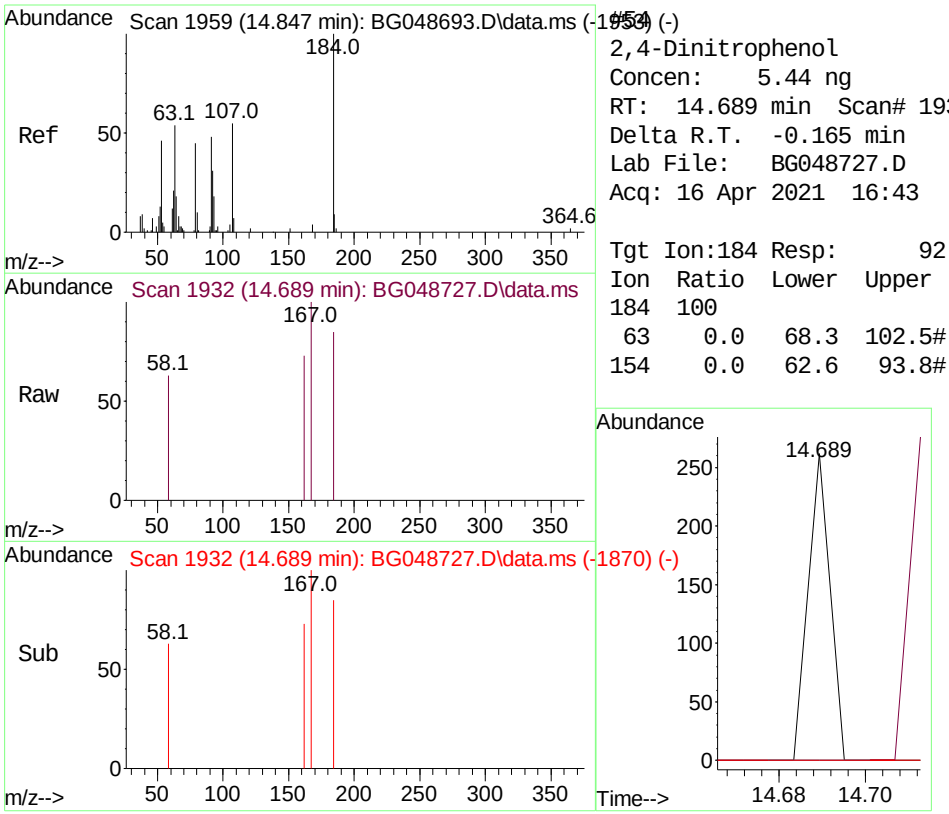
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO



#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 14.736 min Scan# 1940
Delta R.T. 0.422 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:165 Resp: 7008

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	6.7	63.4	95.0#

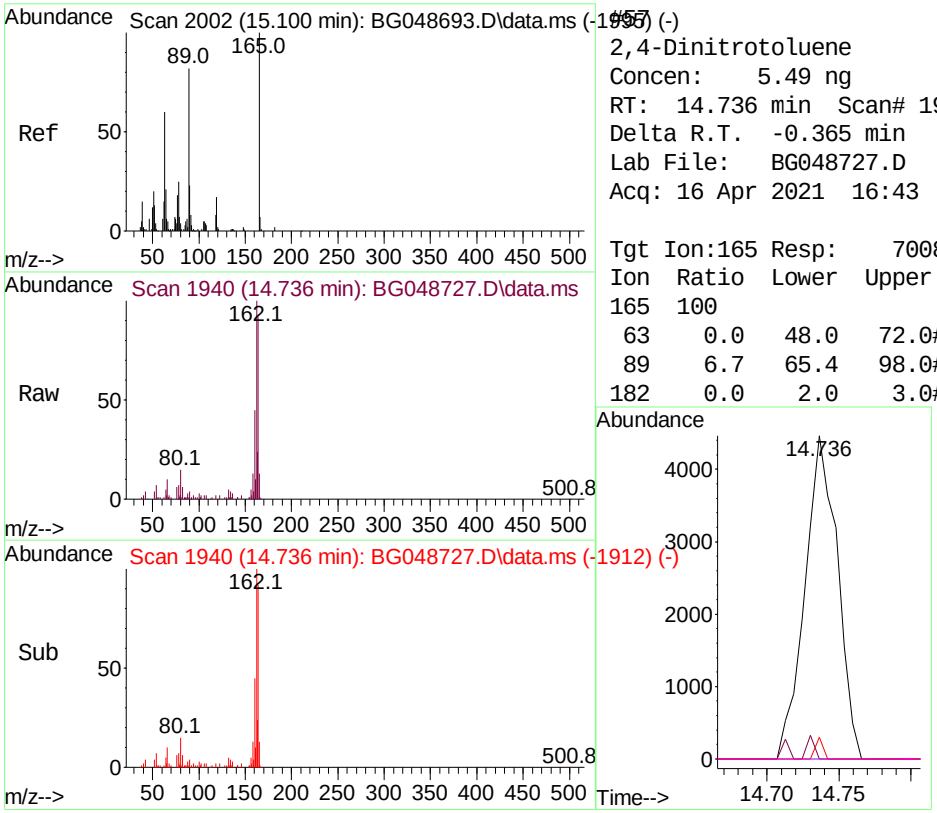


#54
2,4-Dinitrophenol
Concen: 5.44 ng
RT: 14.689 min Scan# 1932
Delta R.T. -0.165 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:184 Resp: 92

Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.3	102.5#
154	0.0	62.6	93.8#

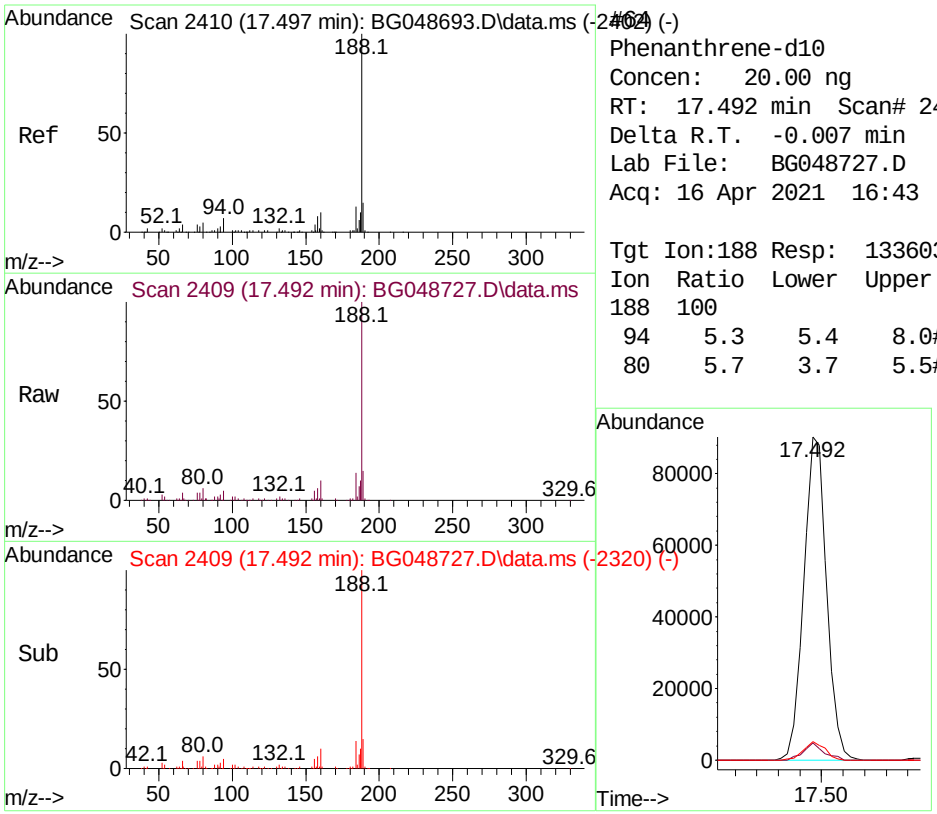
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO



#57
2,4-Dinitrotoluene
Concen: 5.49 ng
RT: 14.736 min Scan# 1940
Delta R.T. -0.365 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:165 Resp: 7008

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	6.7	65.4	98.0#
182	0.0	2.0	3.0#

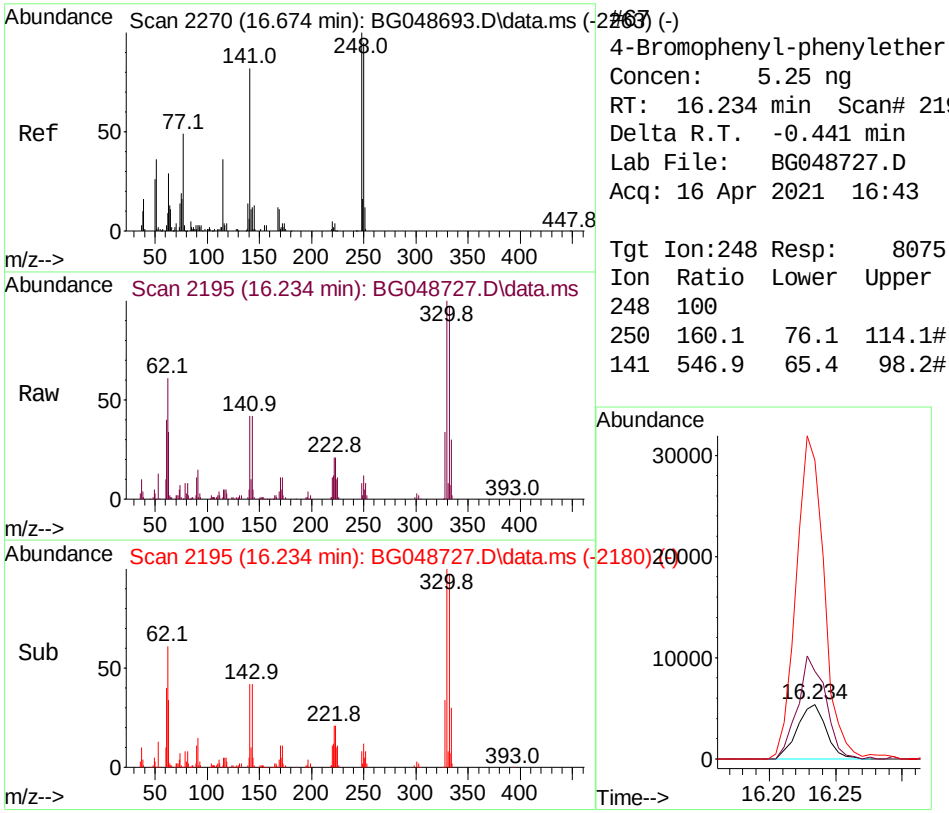


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.492 min Scan# 2409
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:188 Resp: 133603

Ion	Ratio	Lower	Upper
188	100		
94	5.3	5.4	8.0#
80	5.7	3.7	5.5#

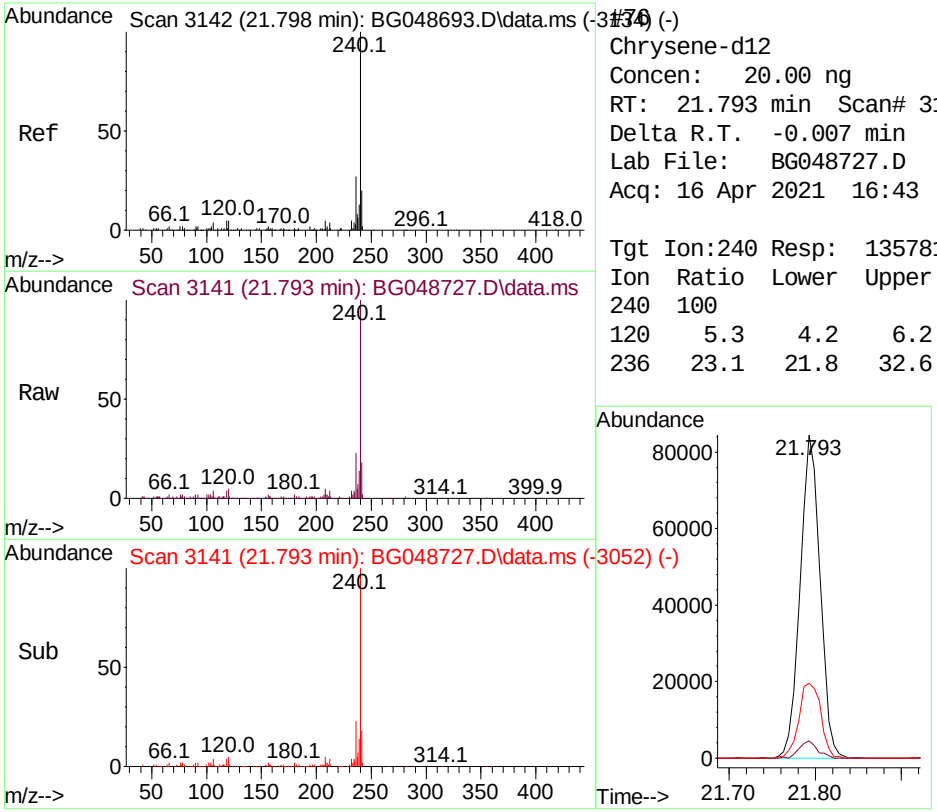
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO



#67
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 16.234 min Scan# 2195
Delta R.T. -0.441 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:248 Resp: 8075

Ion	Ratio	Lower	Upper
248	100		
250	160.1	76.1	114.1#
141	546.9	65.4	98.2#

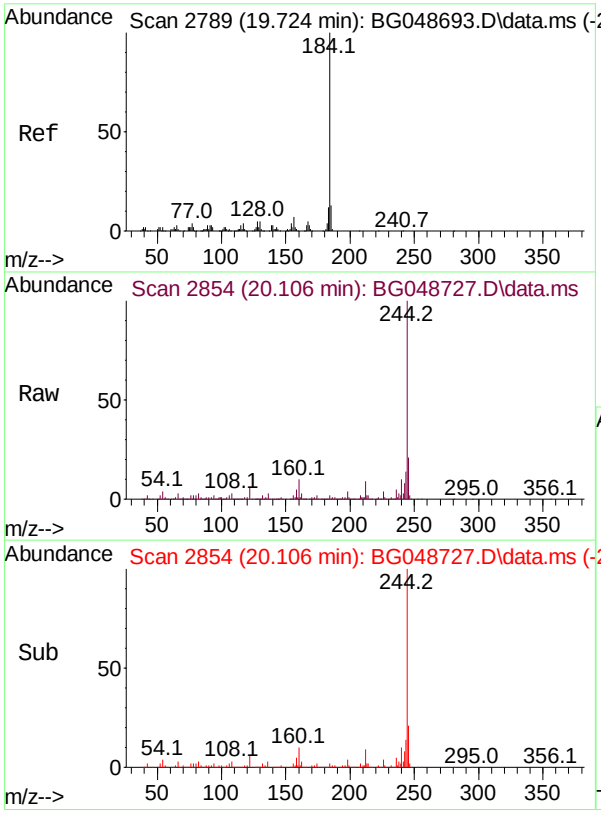


#74
Chrysene-d12
Concen: 20.00 ng
RT: 21.793 min Scan# 3141
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:240 Resp: 135781

Ion	Ratio	Lower	Upper
240	100		
120	5.3	4.2	6.2
236	23.1	21.8	32.6

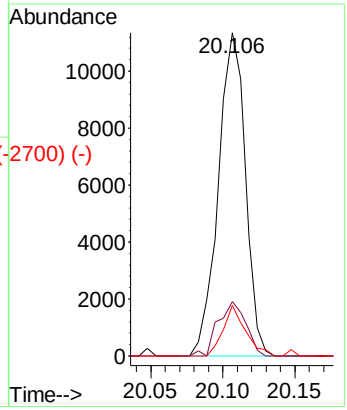
Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO

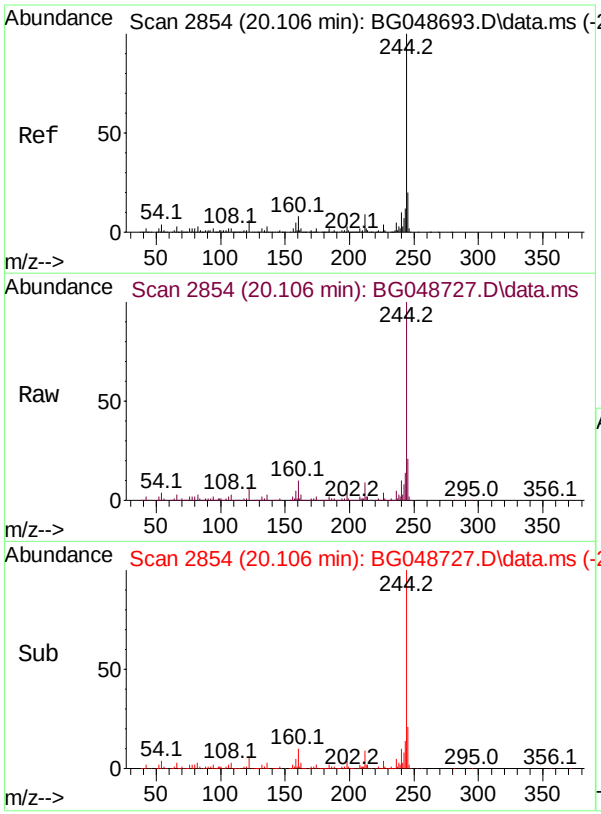


#77
Benzidine
Concen: 4.01 ng
RT: 20.106 min Scan# 2854
Delta R.T. 0.375 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:184 Resp: 14800

Ion	Ratio	Lower	Upper
184	100		
185	16.9	10.7	16.1#
183	15.5	9.4	14.0#

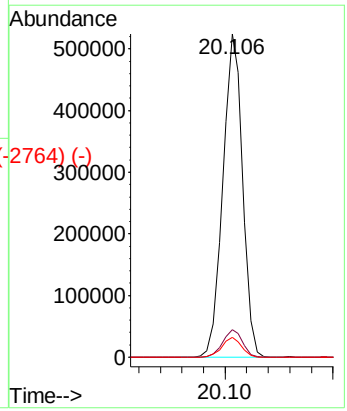


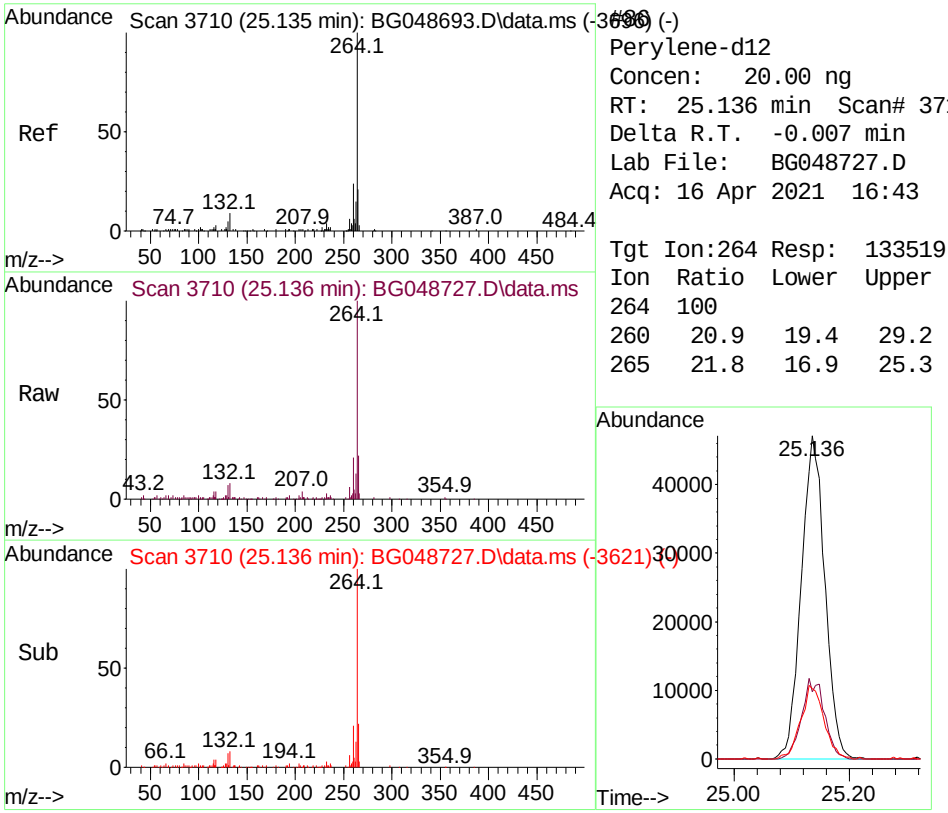


#79
Terphenyl-d14
Concen: 85.29 ng
RT: 20.106 min Scan# 2854
Delta R.T. -0.001 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:244 Resp: 672874

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	6.1	5.0	7.6





#36
Perylene-d12
Concen: 20.00 ng
RT: 25.136 min Scan# 3710
Delta R.T. -0.007 min
Lab File: BG048727.D
Acq: 16 Apr 2021 16:43

Tgt Ion:264 Resp: 133519

Ion	Ratio	Lower	Upper
264	100		
260	20.9	19.4	29.2
265	21.8	16.9	25.3

Instrument :
BNA_G
ClientSampleId :
EB_04-08-2021_SO