Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052445.D
Acq On : 21 Feb 2022 20:02
Operator : CG/JU
Sample : N1589-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
350

Quant Time: Feb 22 00:55:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

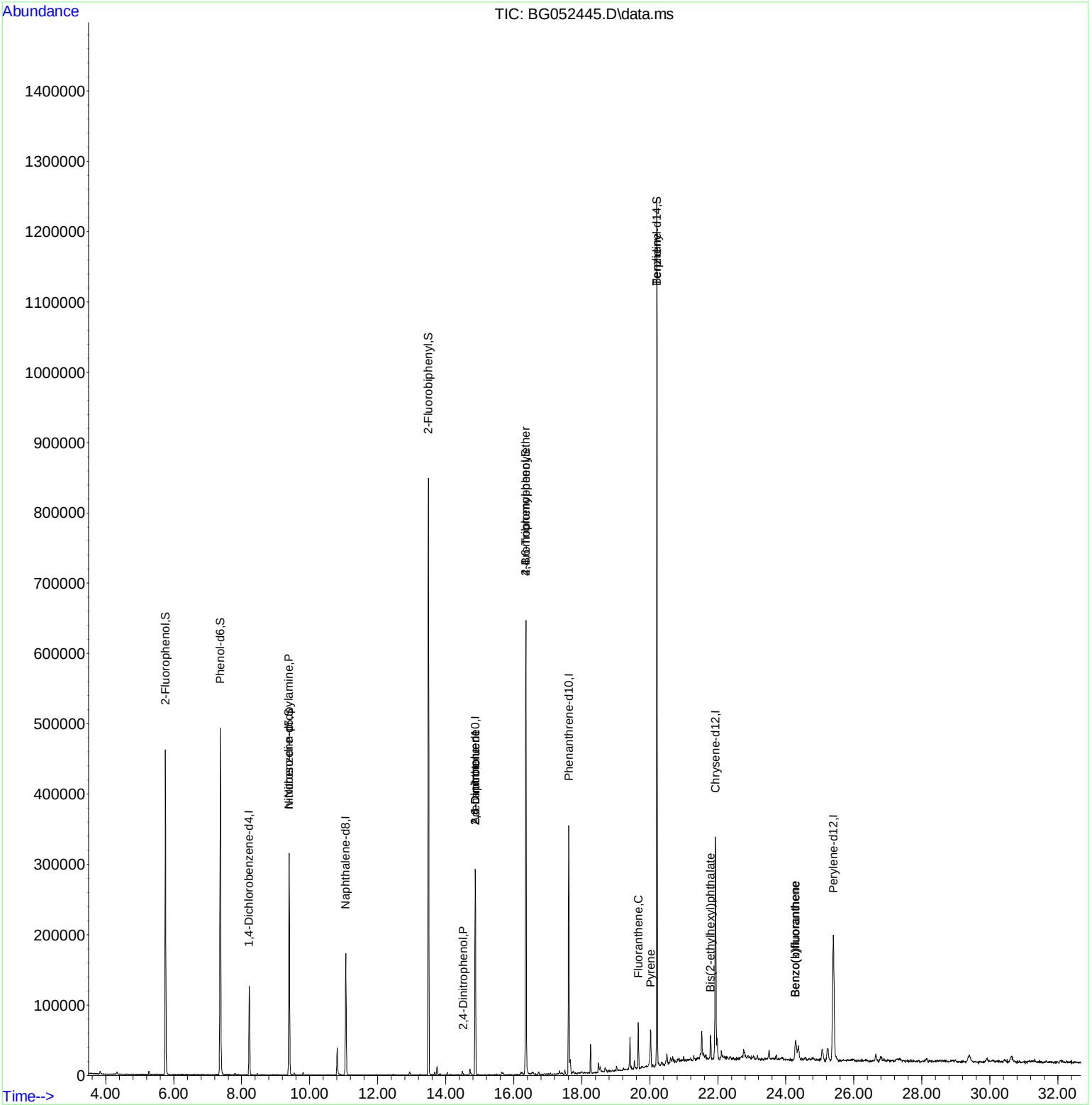
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	37232	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	151101	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	104434	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	225196	20.000	ng	0.00
76) Chrysene-d12	21.930	240	203641	20.000	ng	-0.01
86) Perylene-d12	25.401	264	210763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	206941	96.871	ng	0.00
7) Phenol-d6	7.373	99	292491	88.738	ng	0.00
23) Nitrobenzene-d5	9.394	82	202420	58.222	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	133531	88.999	ng	0.00
45) 2-Fluorobiphenyl	13.488	172	450470	59.937	ng	0.00
79) Terphenyl-d14	20.209	244	629567	54.593	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.373	77	418	Below Cal	#	8
19) n-Nitroso-di-n-propyla...	9.394	70	27580	11.099	ng	# 75
51) 2,6-Dinitrotoluene	14.869	165	14347	8.310	ng	# 16
54) 2,4-Dinitrophenol	14.510	184	59	4.954	ng	# 17
57) 2,4-Dinitrotoluene	14.869	165	14347	5.839	ng	# 15
67) 4-Bromophenyl-phenylether	16.355	248	8451	3.086	ng	# 1
75) Fluoranthene	19.662	202	41389	2.800	ng	99
77) Benzidine	20.209	184	8978	2.063	ng	# 93
78) Pyrene	20.026	202	34432	2.527	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	15307	2.332	ng	# 96
88) Benzo(b)fluoranthene	24.285	252	36411	2.772	ng	# 95
89) Benzo(k)fluoranthene	24.285	252	36411	2.806	ng	# 93

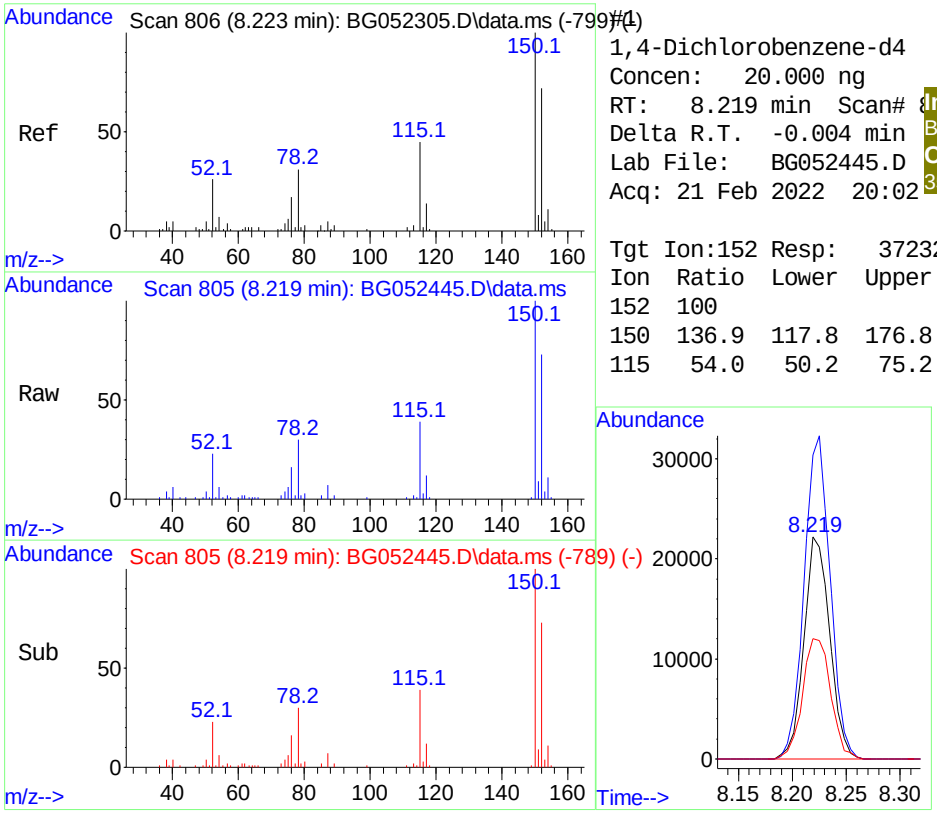
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
Data File : BG052445.D
Acq On : 21 Feb 2022 20:02
Operator : CG/JU
Sample : N1589-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
350

Quant Time: Feb 22 00:55:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



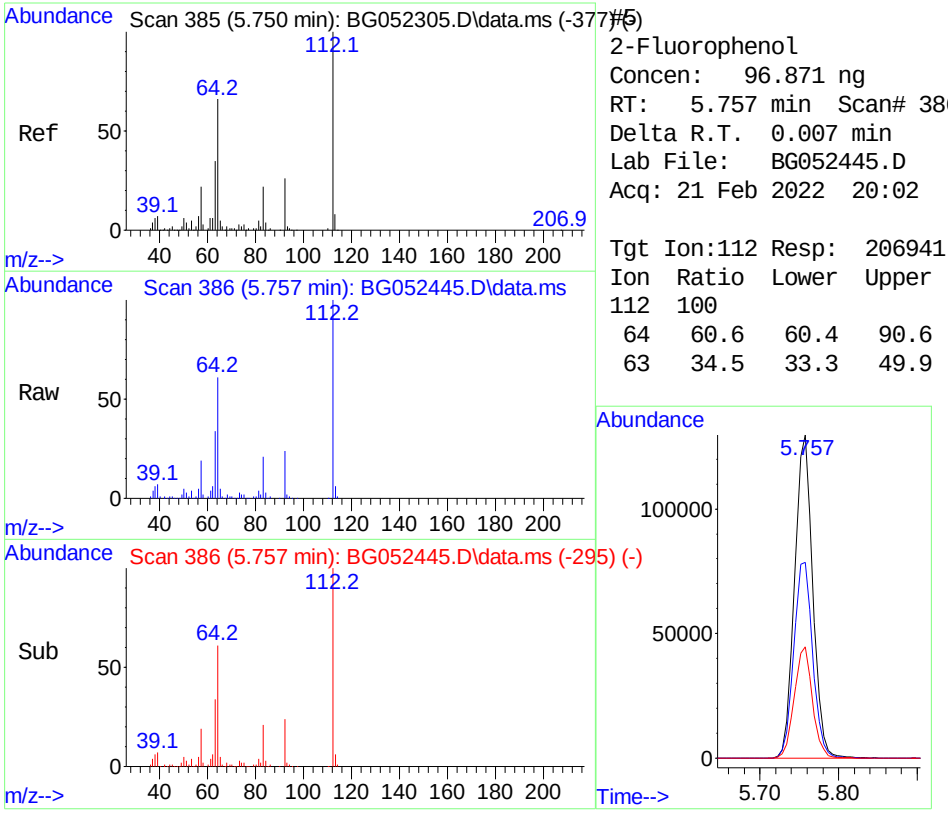


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.219 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:152 Resp: 37232

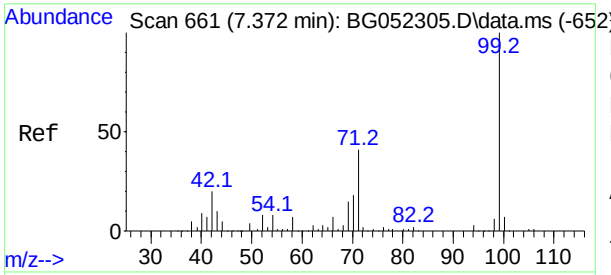
Ion	Ratio	Lower	Upper
152	100		
150	136.9	117.8	176.8
115	54.0	50.2	75.2



#5
2-Fluorophenol
Concen: 96.871 ng
RT: 5.757 min Scan# 386
Delta R.T. 0.007 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

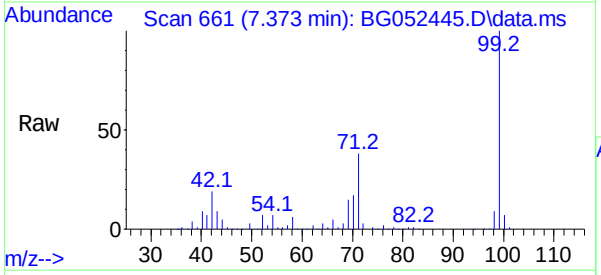
Tgt Ion:112 Resp: 206941

Ion	Ratio	Lower	Upper
112	100		
64	60.6	60.4	90.6
63	34.5	33.3	49.9



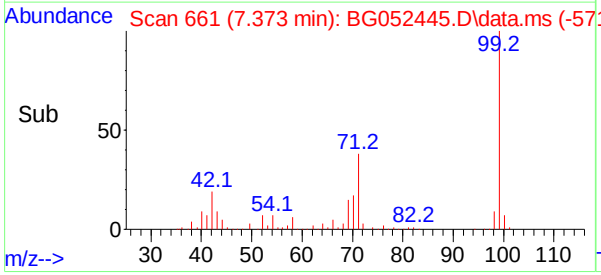
#7
Phenol-d6
Concen: 88.738 ng
RT: 7.373 min Scan# 6
Delta R.T. 0.001 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

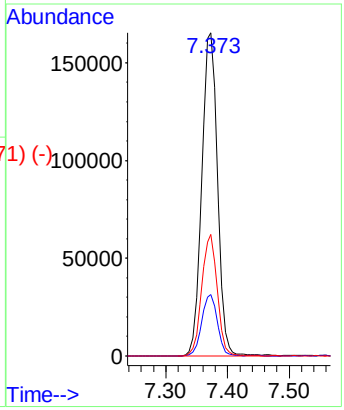
Instrument :
BNA_G
ClientSampleId :
350

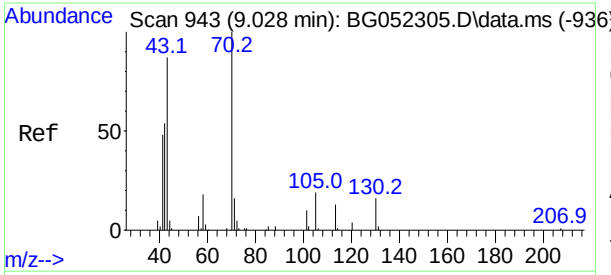


Tgt Ion: 99 Resp: 292491

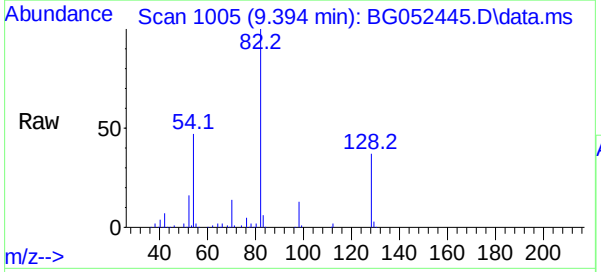
Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.1	28.7#
71	37.6	33.4	50.2





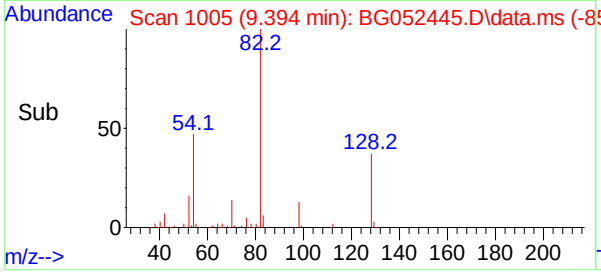


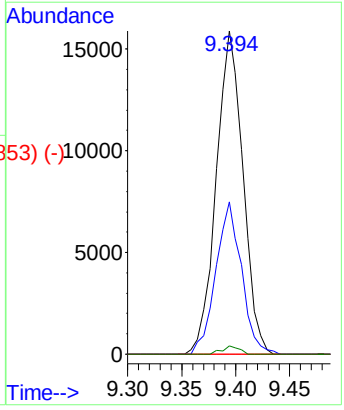
#19
n-Nitroso-di-n-propylamine
Concen: 11.099 ng
RT: 9.394 min Scan# 1005
Delta R.T. 0.366 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

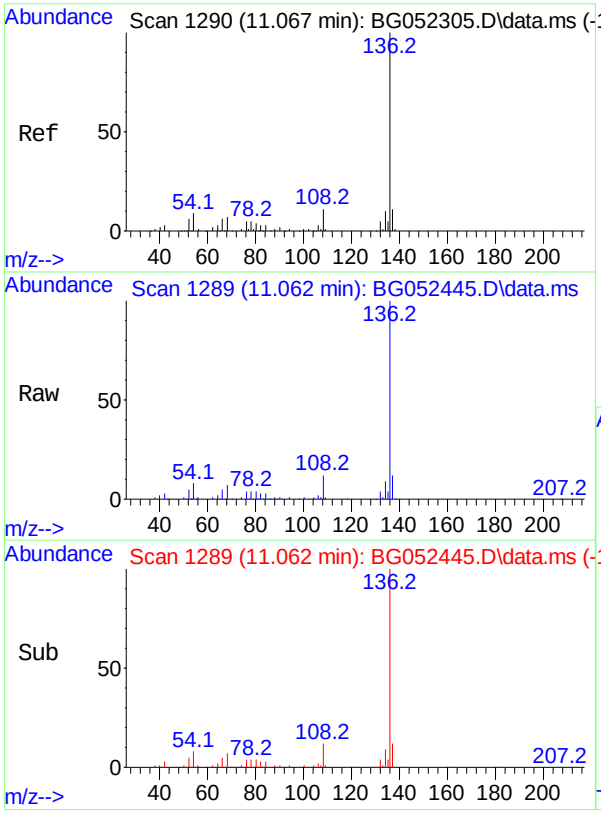


Tgt Ion: 70 Resp: 27580

Ion	Ratio	Lower	Upper
70	100		
42	47.1	51.8	77.6#
101	0.0	6.6	10.0#
130	2.5	14.7	22.1#





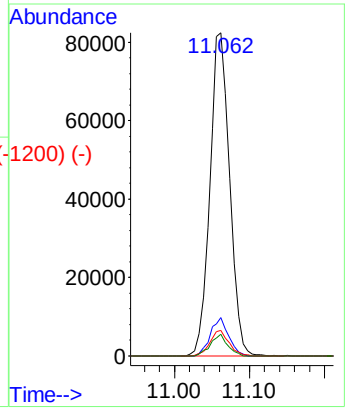


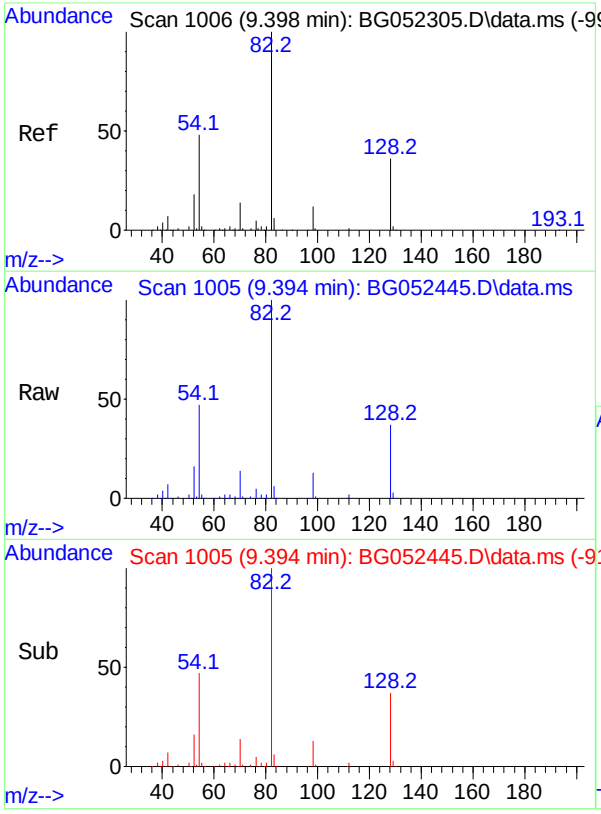
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:136 Resp: 151101

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	7.9	8.3	12.5#
68	6.7	4.5	6.7

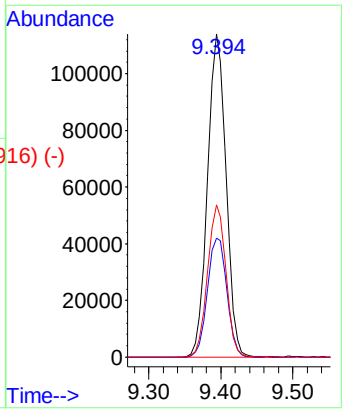


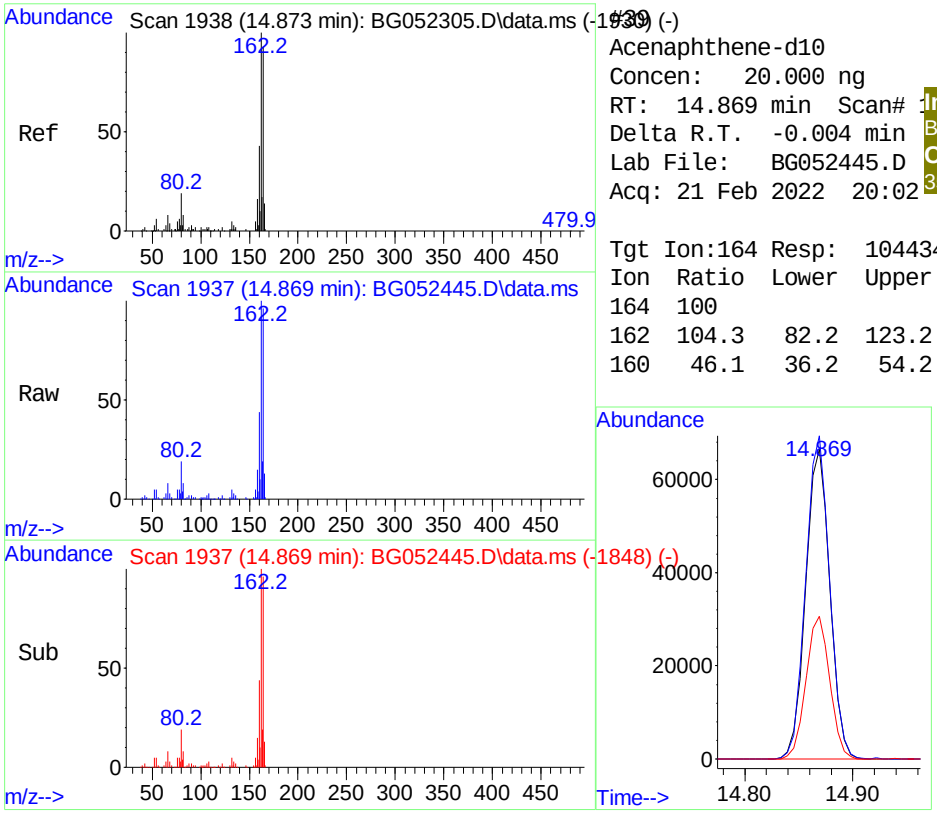


#23
Nitrobenzene-d5
Concen: 58.222 ng
RT: 9.394 min Scan# 1005
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion: 82 Resp: 202420

Ion	Ratio	Lower	Upper
82	100		
128	36.8	27.0	40.4
54	47.1	41.0	61.6



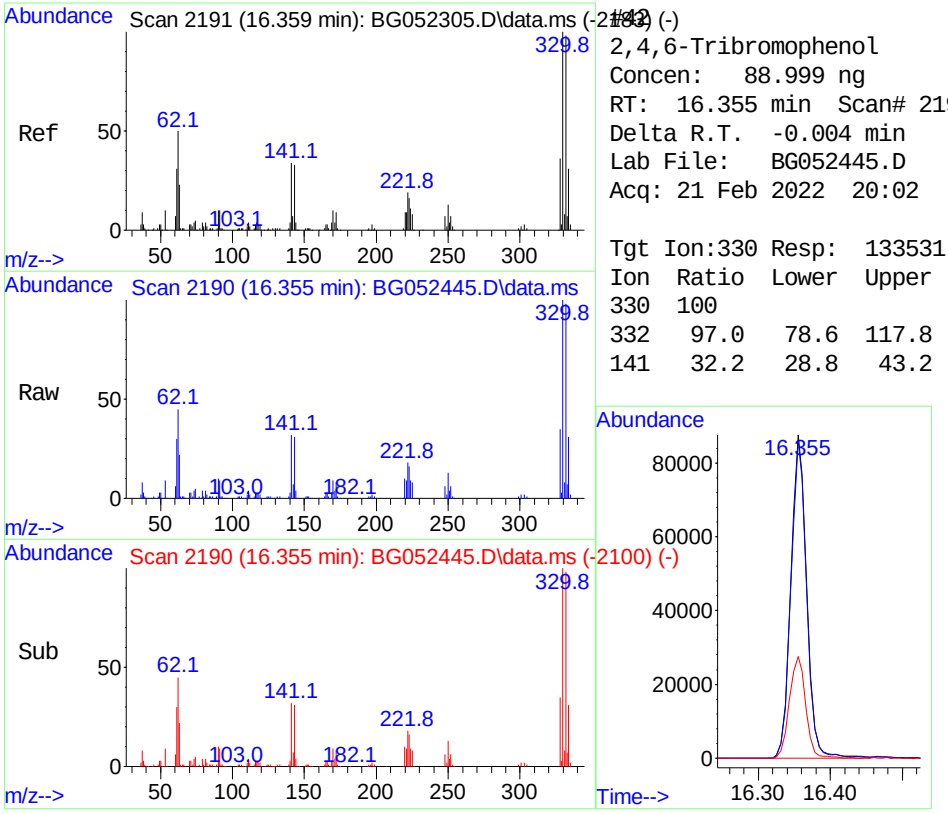


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:164 Resp: 104434

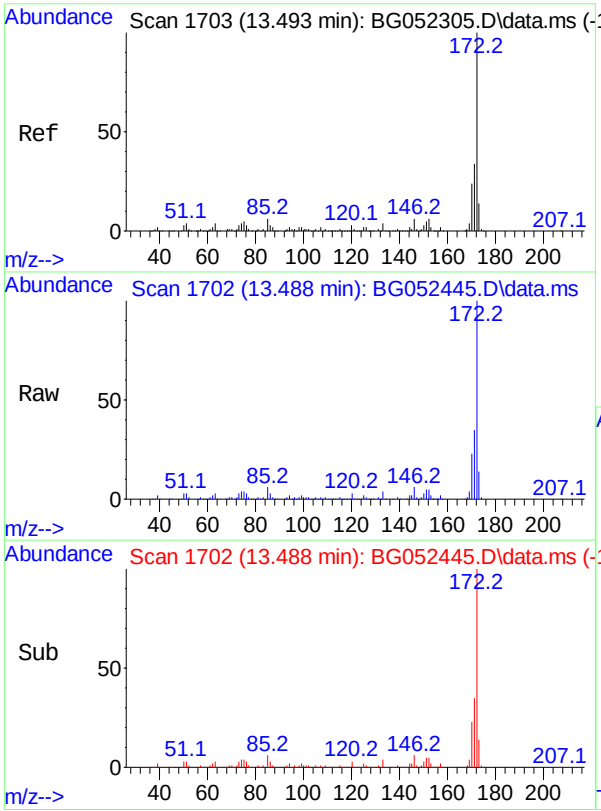
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.2	123.2
160	46.1	36.2	54.2



#42
2,4,6-Tribromophenol
Concen: 88.999 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.004 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:330 Resp: 133531

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	117.8
141	32.2	28.8	43.2

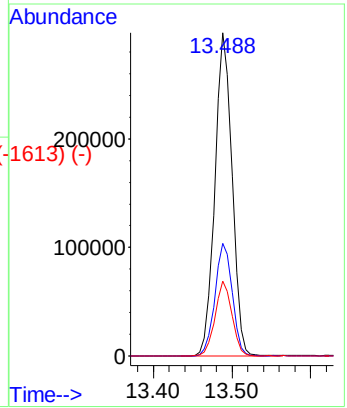


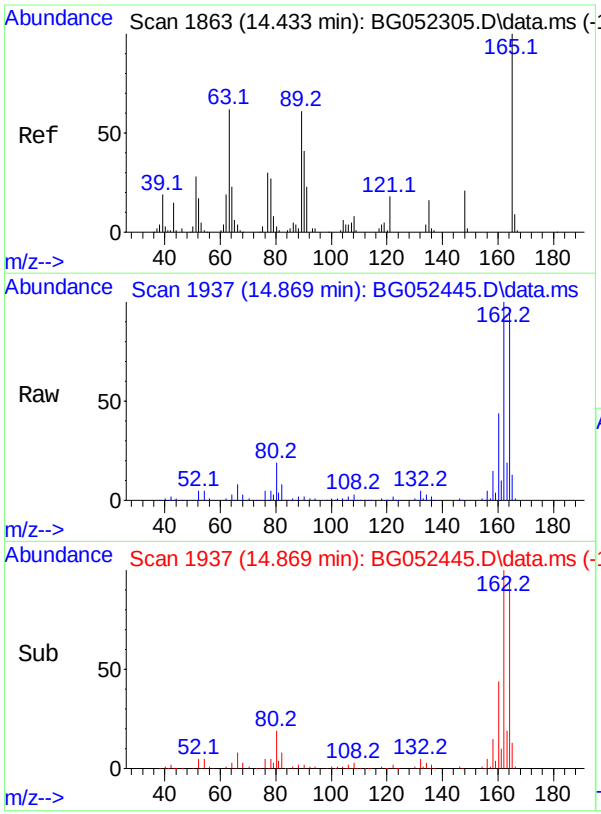
#45
2-Fluorobiphenyl
Concen: 59.937 ng
RT: 13.488 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:172 Resp: 450470

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	23.2	18.3	27.5

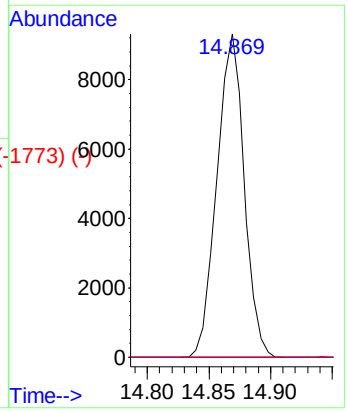


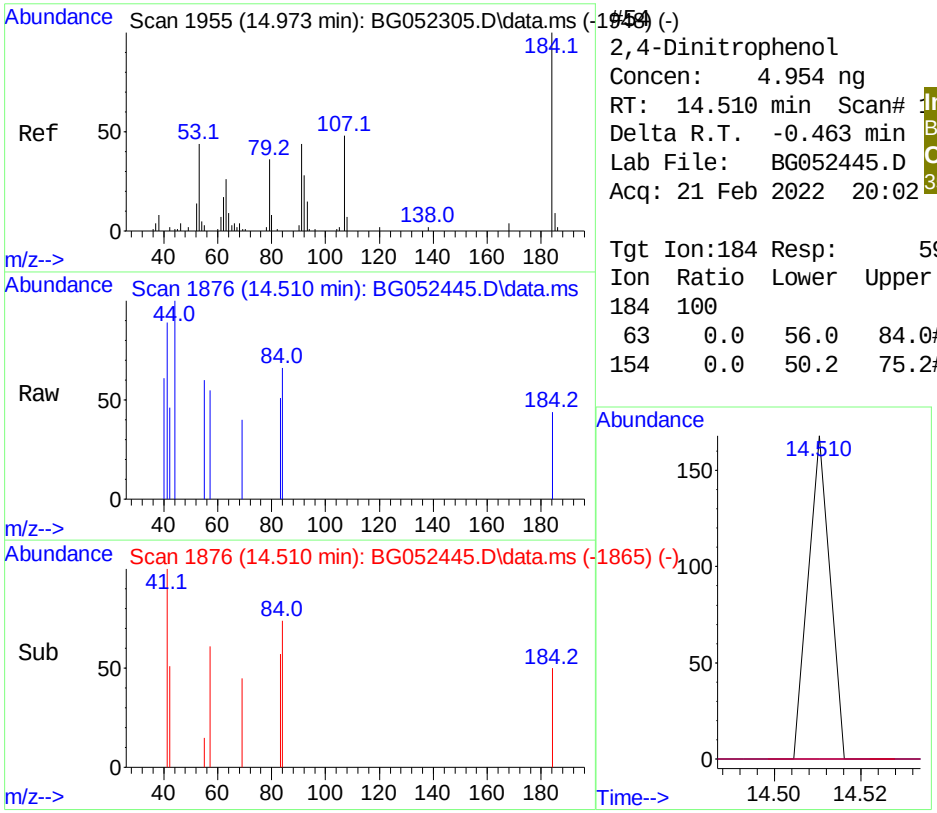


#51
2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 14.869 min Scan# 1937
Delta R.T. 0.436 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:165 Resp: 14347

Ion	Ratio	Lower	Upper
165	100		
63	0.0	59.0	88.4#
89	0.0	49.4	74.0#



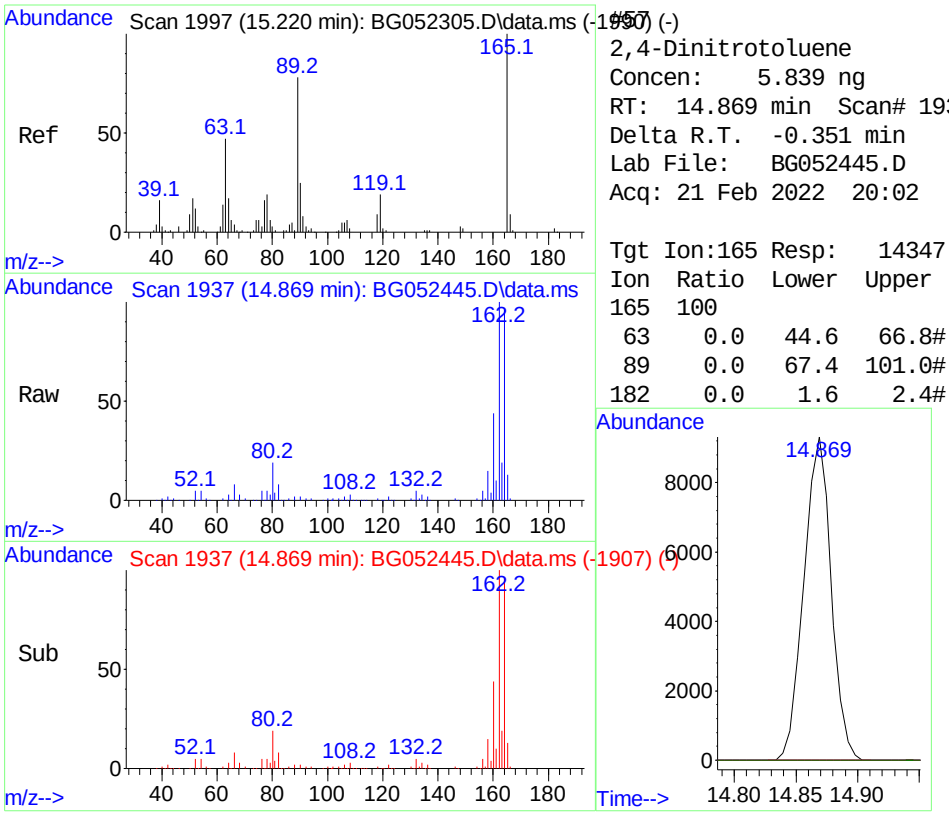


#54
2,4-Dinitrophenol
Concen: 4.954 ng
RT: 14.510 min Scan# 1
Delta R.T. -0.463 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:184 Resp: 59

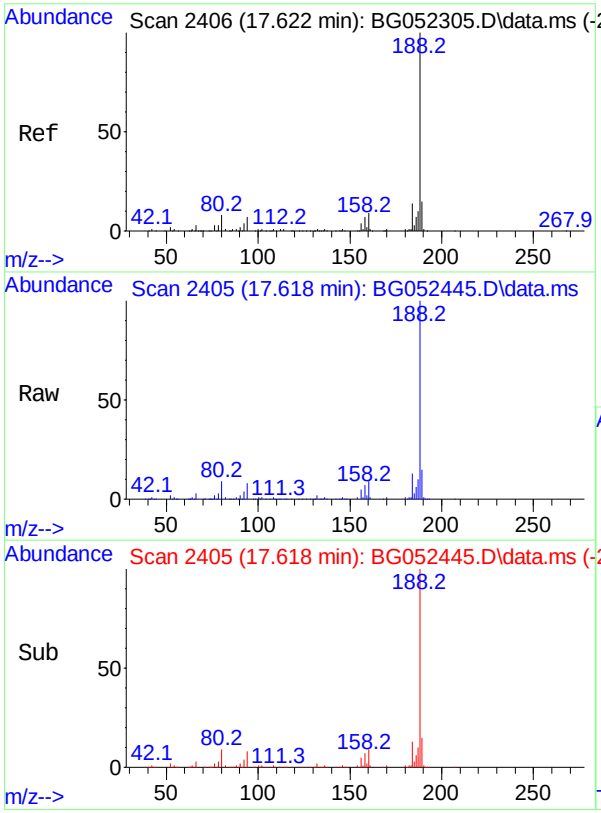
Ion	Ratio	Lower	Upper
184	100		
63	0.0	56.0	84.0#
154	0.0	50.2	75.2#



#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 14.869 min Scan# 1937
Delta R.T. -0.351 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:165 Resp: 14347

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	66.8#
89	0.0	67.4	101.0#
182	0.0	1.6	2.4#

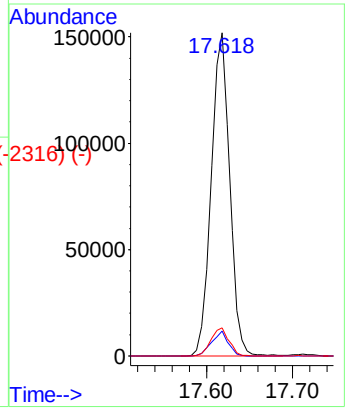


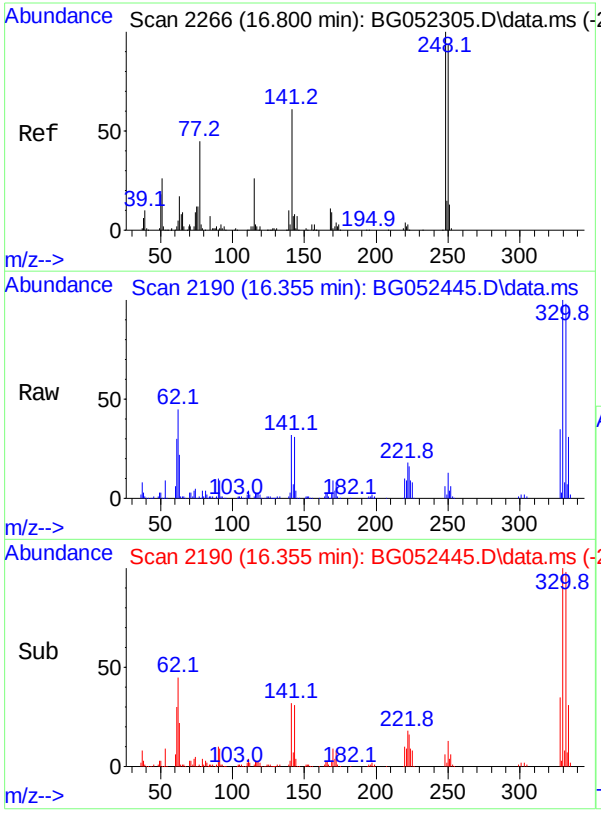
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:188 Resp: 225196

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.9	8.9
80	8.7	6.6	10.0

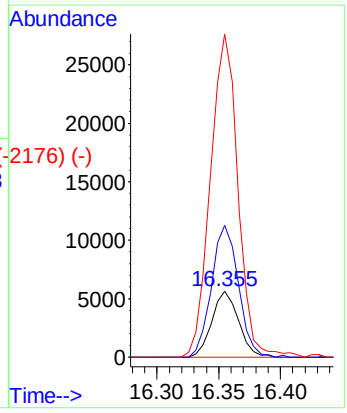


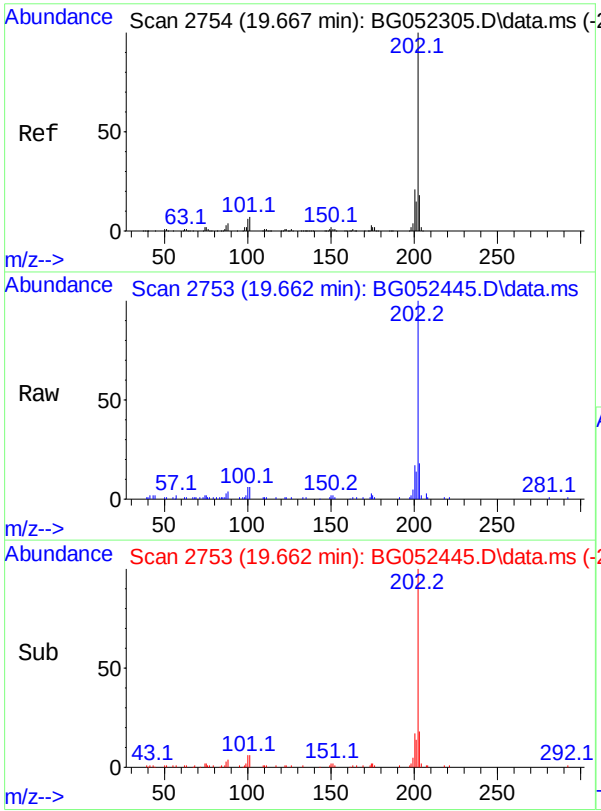


#67
4-Bromophenyl-phenylether
Concen: 3.086 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.445 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:248 Resp: 8451

Ion	Ratio	Lower	Upper
248	100		
250	198.9	79.6	119.4#
141	488.9	54.6	81.8#



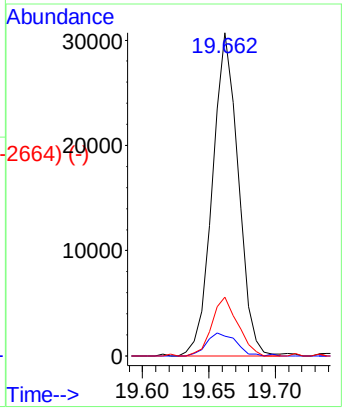


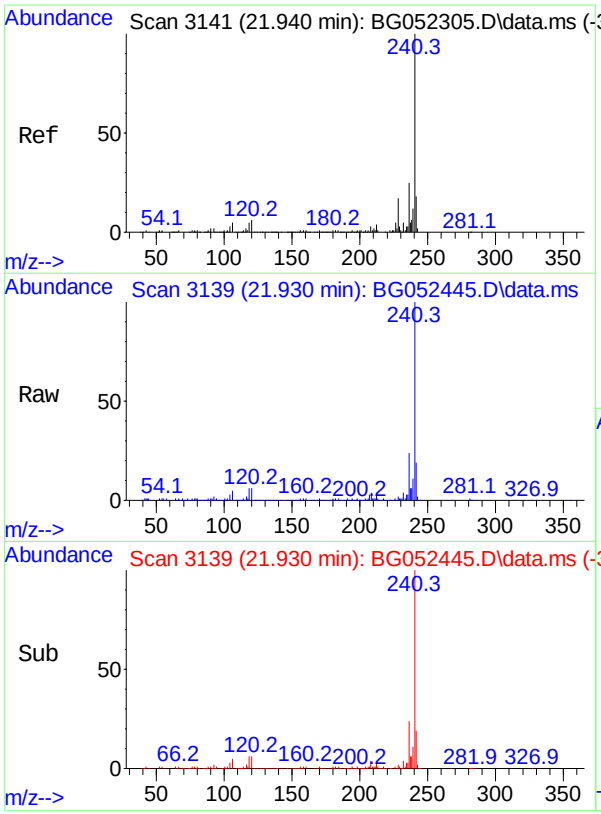
#76
Fluoranthene
Concen: 2.800 ng
RT: 19.662 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:202 Resp: 41389

Ion	Ratio	Lower	Upper
202	100		
101	6.1	0.0	27.1
203	18.2	0.0	37.8

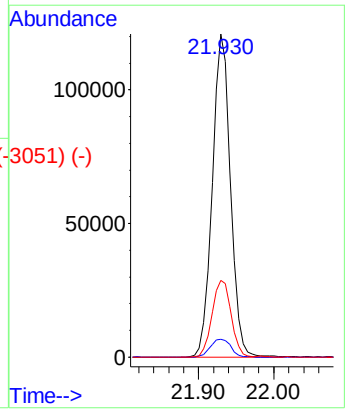


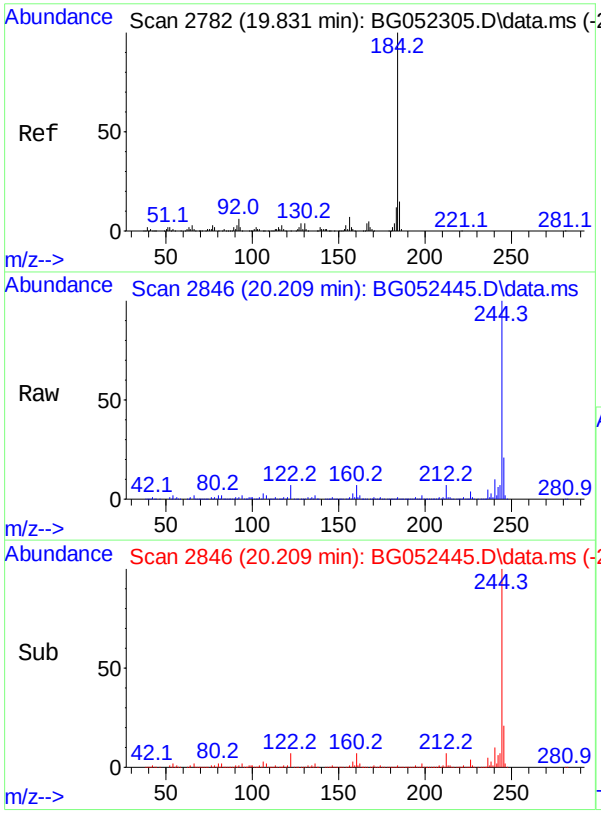


#78
Chrysene-d12
Concen: 20.000 ng
RT: 21.930 min Scan# 3139
Delta R.T. -0.010 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:240 Resp: 203641

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.4	6.6
236	23.8	20.8	31.2



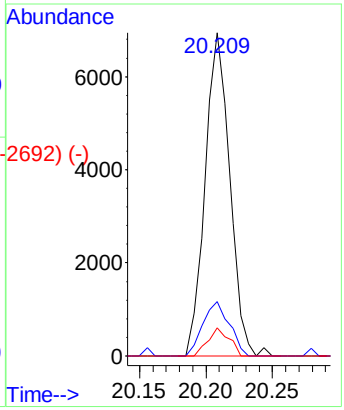


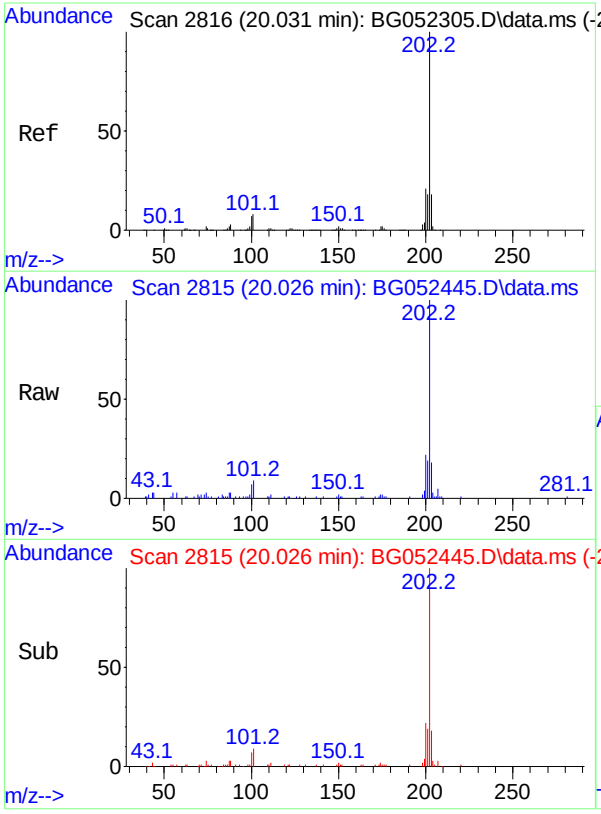
#77
Benzidine
Concen: 2.063 ng
RT: 20.209 min Scan# 2
Delta R.T. 0.377 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:184 Resp: 8978

Ion	Ratio	Lower	Upper
184	100		
185	16.9	11.8	17.8
183	8.6	9.8	14.6#

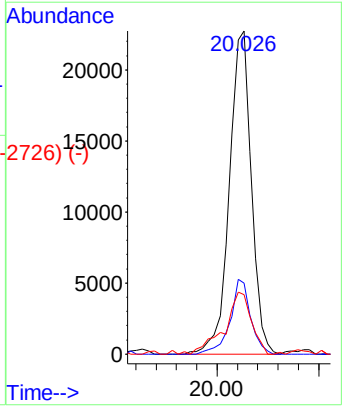


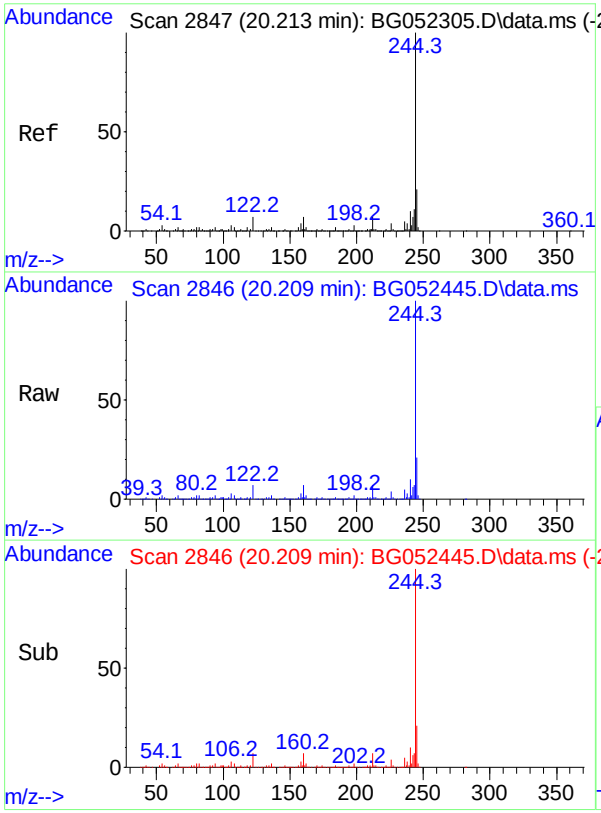


#78
Pyrene
Concen: 2.527 ng
RT: 20.026 min Scan# 2815
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:202 Resp: 34432

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.4	14.5	21.7



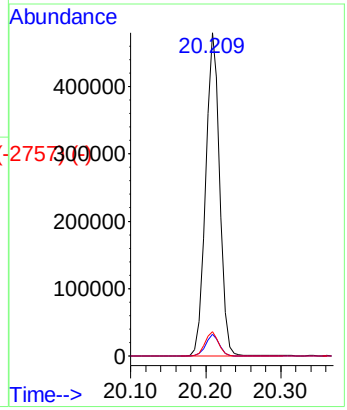


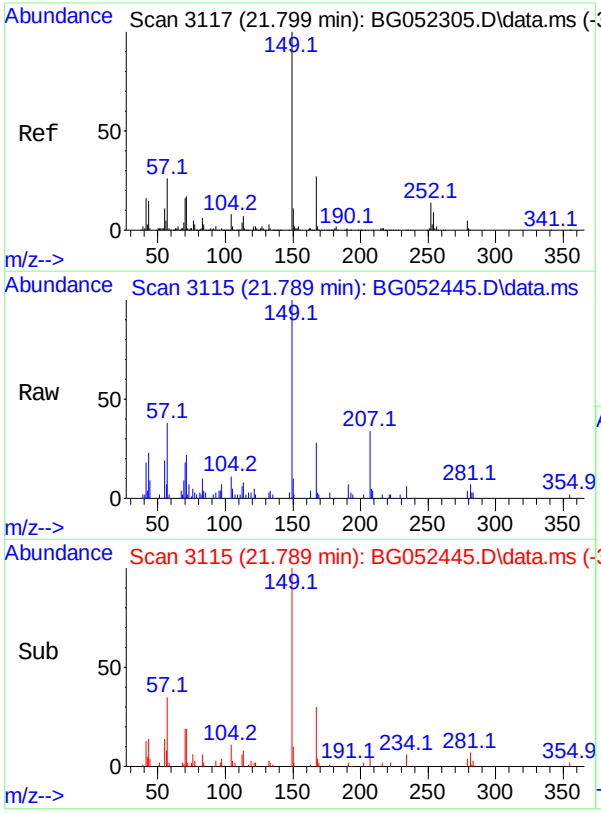
#79
Terphenyl-d14
Concen: 54.593 ng
RT: 20.209 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:244 Resp: 629567

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	7.5	6.2	9.4

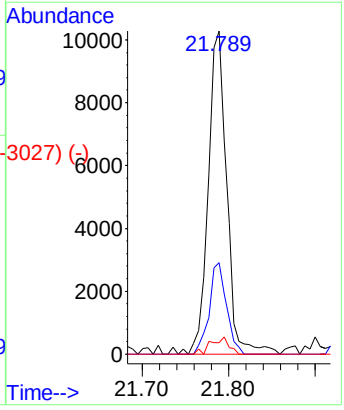


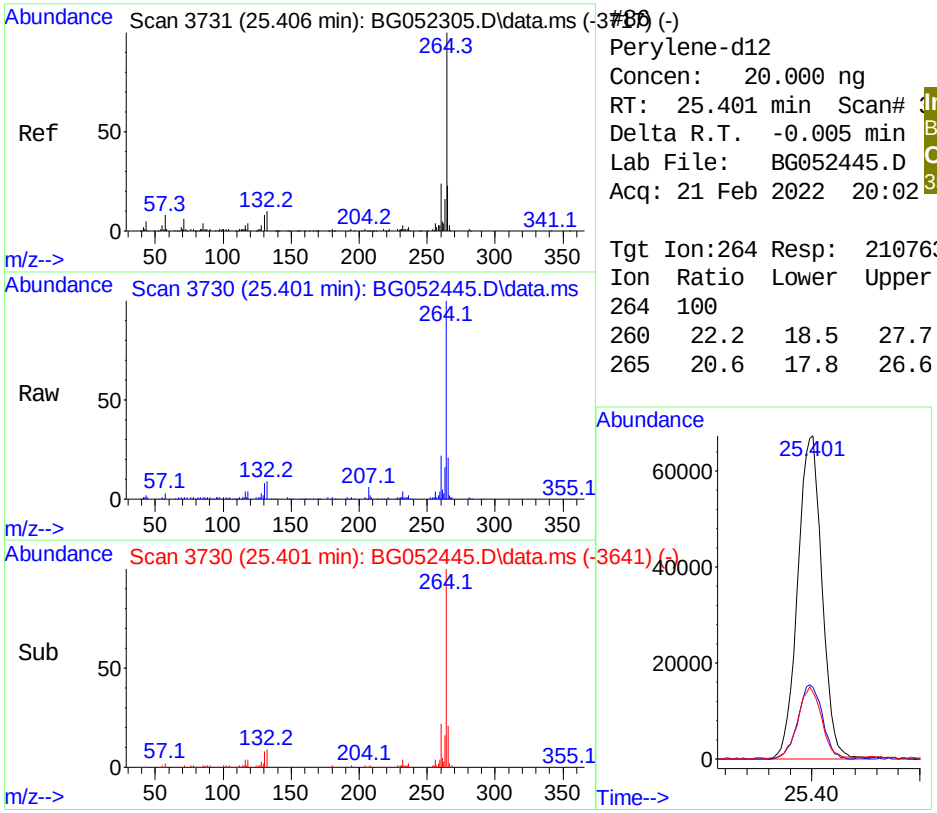


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.332 ng
RT: 21.789 min Scan# 3115
Delta R.T. -0.010 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:149 Resp: 15307

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.4	32.0
279	3.6	4.2	6.2#



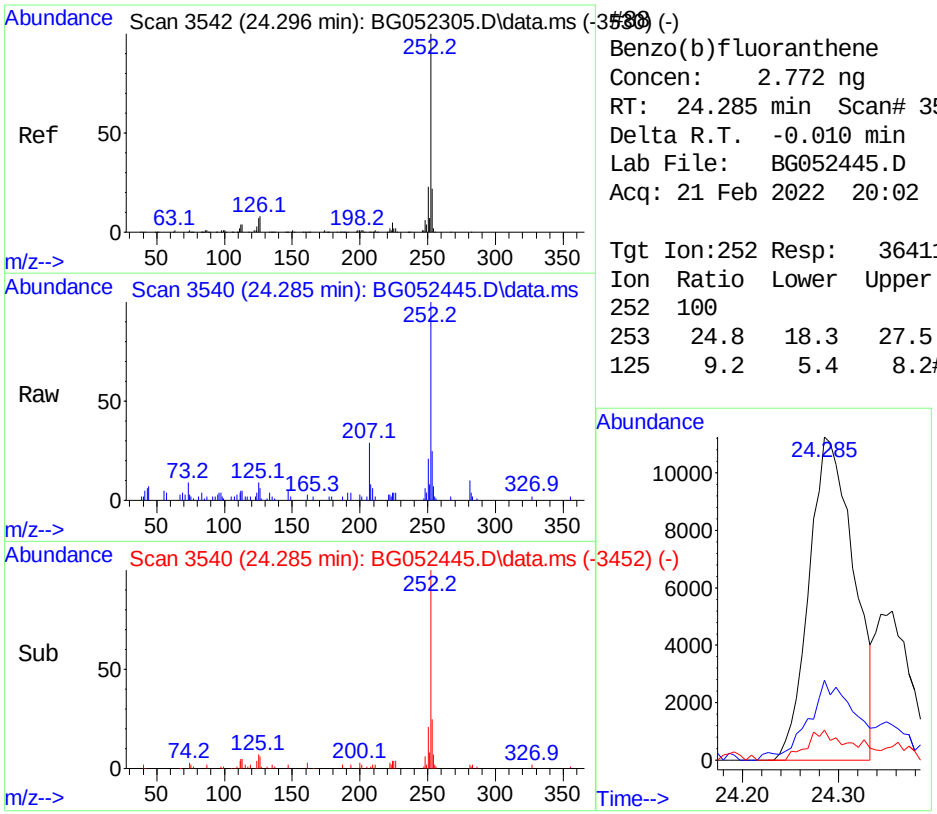


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.401 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:264 Resp: 210763

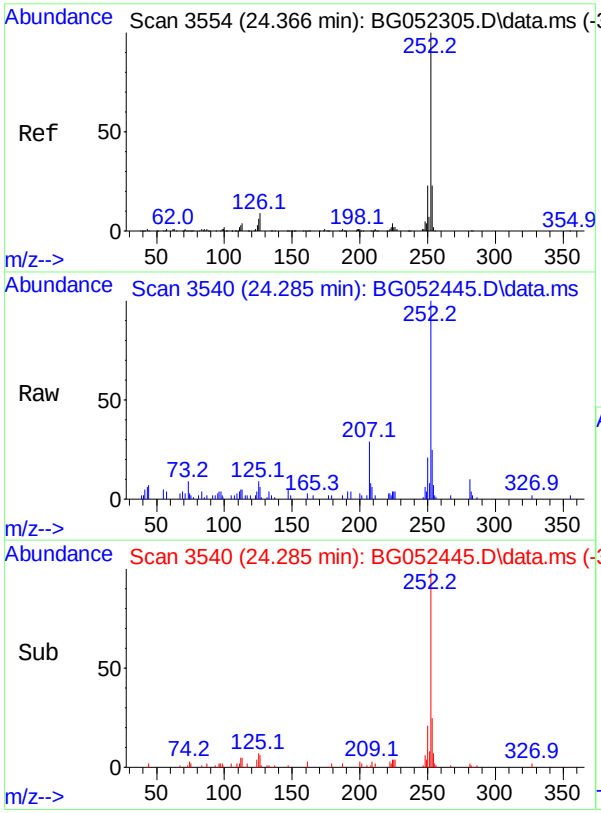
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.6	17.8	26.6



#88
Benzo(b)fluoranthene
Concen: 2.772 ng
RT: 24.285 min Scan# 3540
Delta R.T. -0.010 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Tgt Ion:252 Resp: 36411

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.3	27.5
125	9.2	5.4	8.2#



#89
Benzo(k)fluoranthene
Concen: 2.806 ng
RT: 24.285 min Scan# 1
Delta R.T. -0.081 min
Lab File: BG052445.D
Acq: 21 Feb 2022 20:02

Instrument :
BNA_G
ClientSampleId :
350

Tgt Ion:252 Resp: 36411

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	9.2	4.6	7.0#