Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030822\
Data File : BG052610.D
Acq On : 8 Mar 2022 18:39
Operator : CG/JU
Sample : N1727-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Quant Time: Mar 09 04:18:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 08 01:09:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	28034	20.000	ng	-0.01
21) Naphthalene-d8	11.049	136	111252	20.000	ng	#-0.01
39) Acenaphthene-d10	14.861	164	79688	20.000	ng	0.00
64) Phenanthrene-d10	17.610	188	194855	20.000	ng	0.00
76) Chrysene-d12	21.928	240	208648	20.000	ng	# 0.00
86) Perylene-d12	25.388	264	211819	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	111574	67.806	ng	0.00
7) Phenol-d6	7.360	99	108424	46.894	ng	-0.01
23) Nitrobenzene-d5	9.386	82	213523	87.498	ng	-0.01
42) 2,4,6-Tribromophenol	16.347	330	150362	131.291	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	496937	85.989	ng	0.00
79) Terphenyl-d14	20.207	244	849842	72.940	ng	0.00
Target Compounds						Qvalue

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

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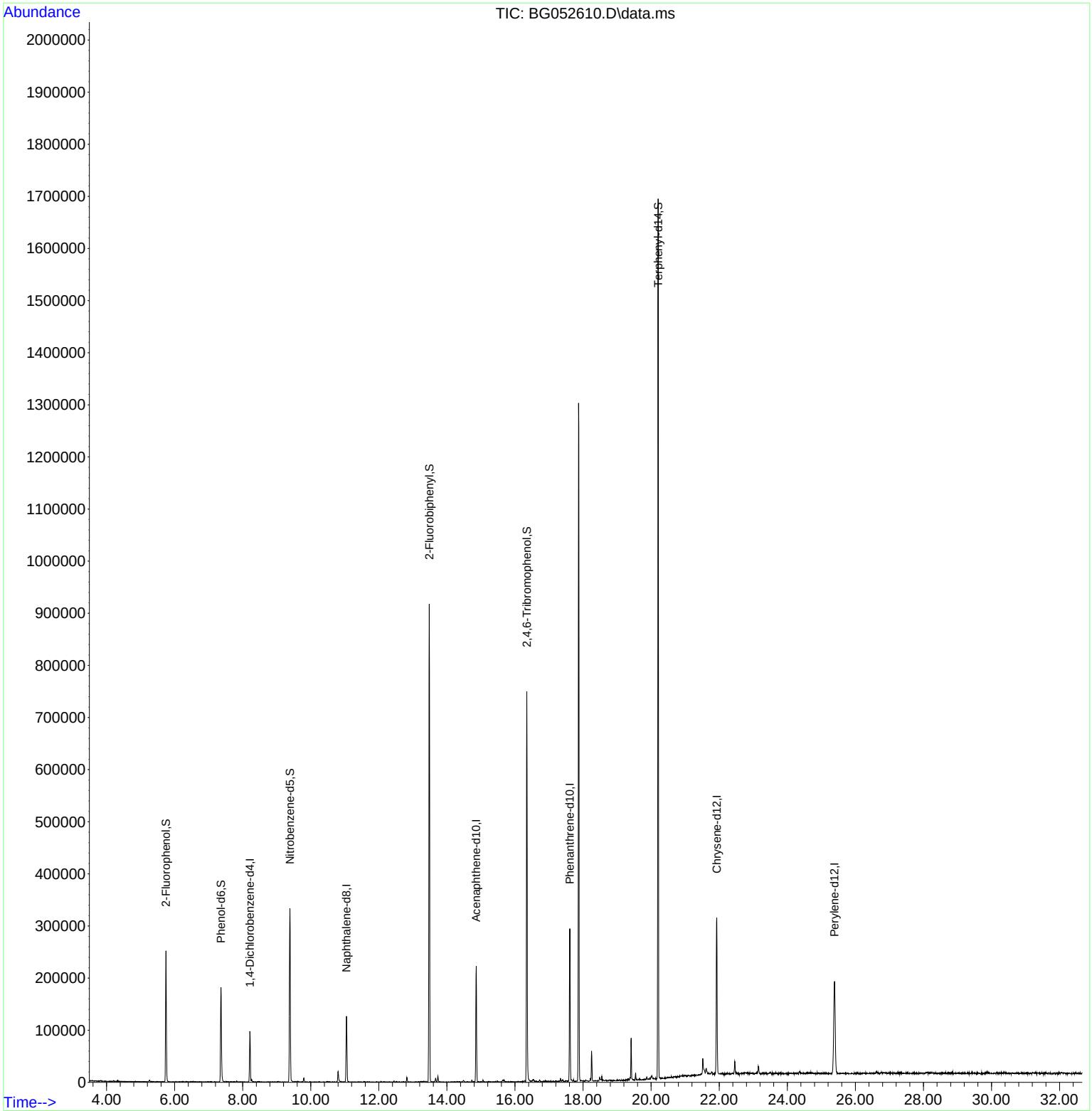
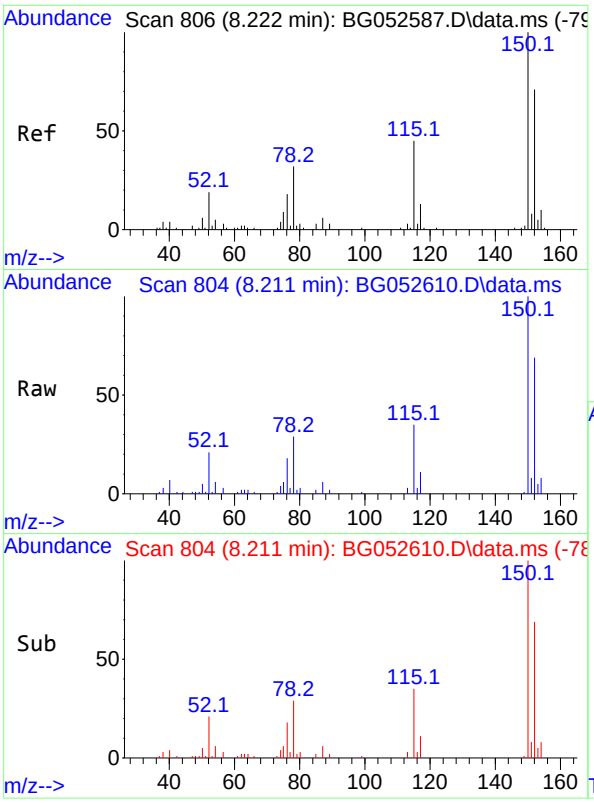


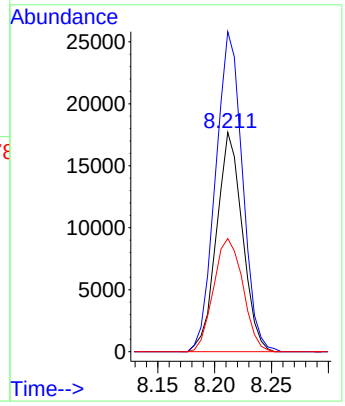


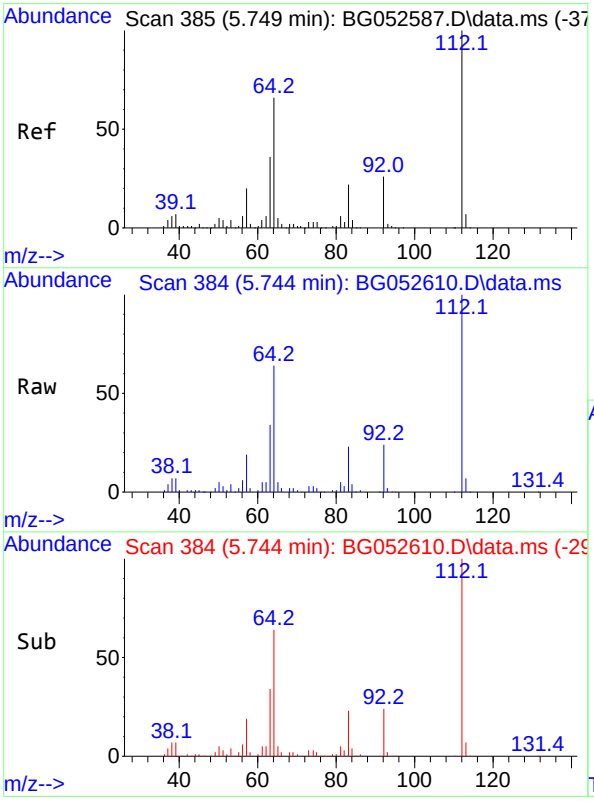
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 8
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion:152 Resp: 28034

Ion	Ratio	Lower	Upper
152	100		
150	145.9	117.8	176.8
115	51.5	50.2	75.2

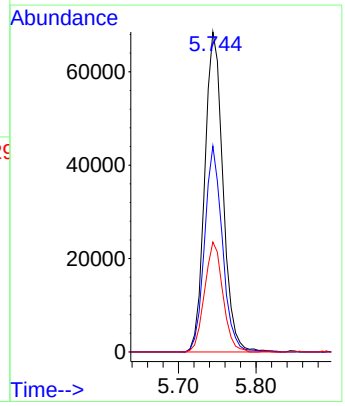


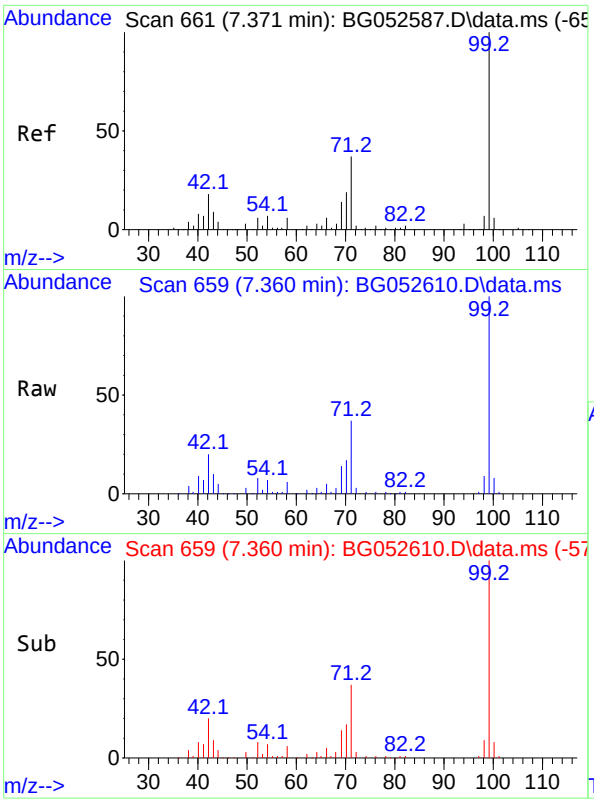


#5
2-Fluorophenol
Concen: 67.806 ng
RT: 5.744 min Scan# 384
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:112 Resp: 111574

Ion	Ratio	Lower	Upper
112	100		
64	64.4	60.4	90.6
63	34.4	33.3	49.9



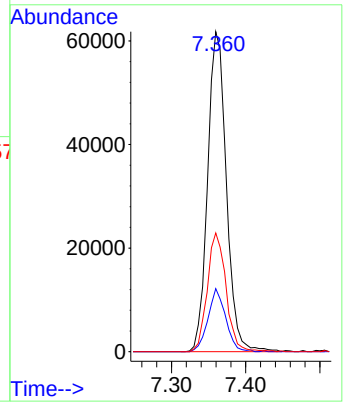


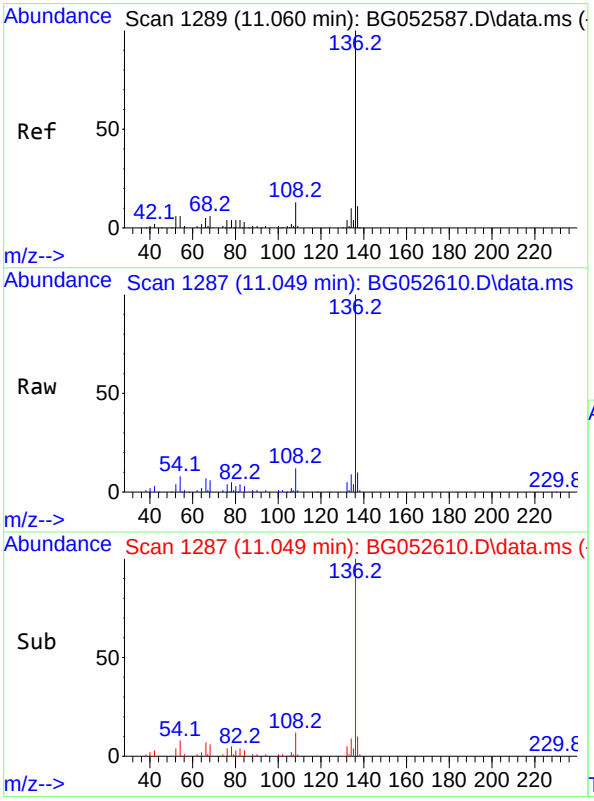
#7
Phenol-d6
Concen: 46.894 ng
RT: 7.360 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion: 99 Resp: 108424

Ion	Ratio	Lower	Upper
99	100		
42	19.7	19.1	28.7
71	37.1	33.4	50.2

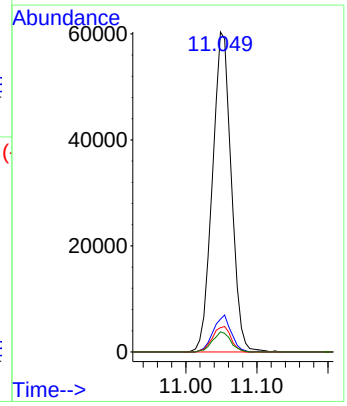


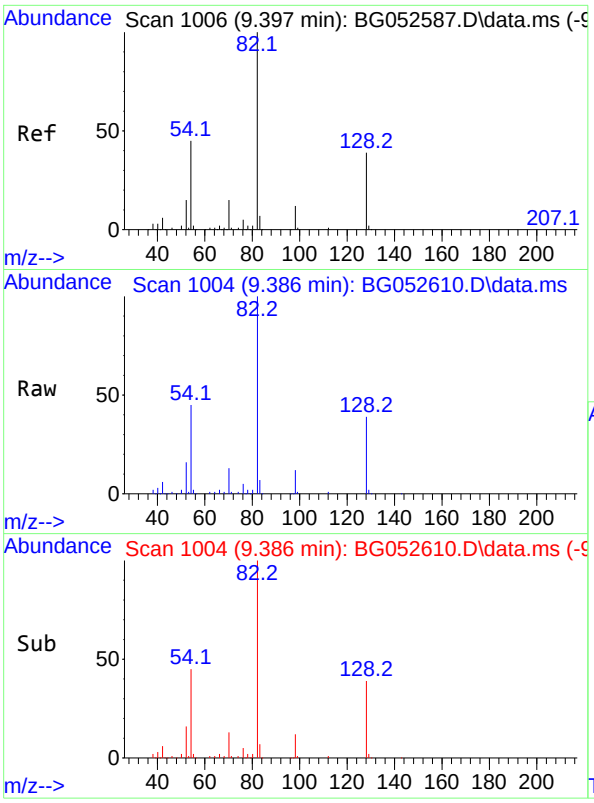


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1287
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:136 Resp: 111252

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	7.6	8.3	12.5#
68	6.3	4.5	6.7



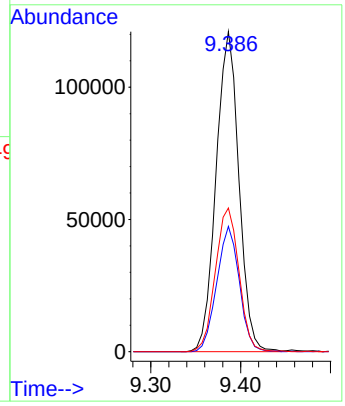


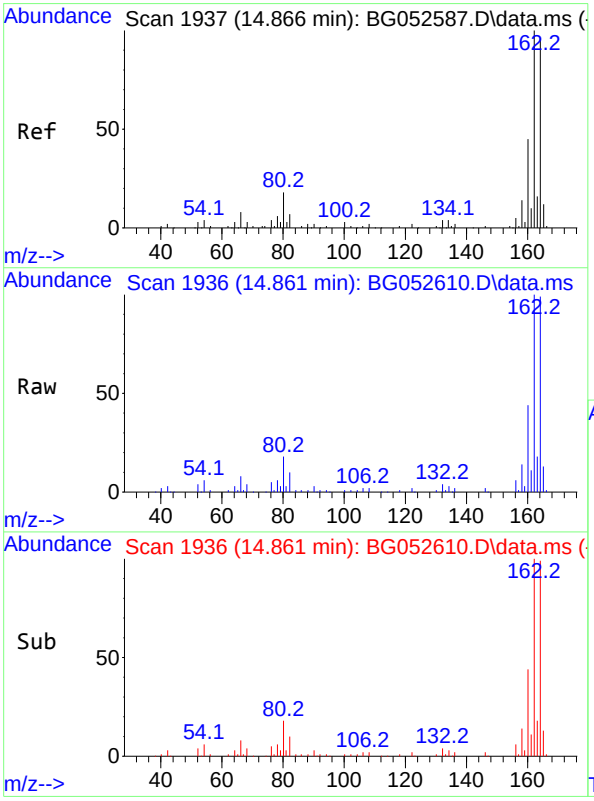
#23
Nitrobenzene-d5
Concen: 87.498 ng
RT: 9.386 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion: 82 Resp: 213523

Ion	Ratio	Lower	Upper
82	100		
128	39.1	27.0	40.4
54	44.9	41.0	61.6

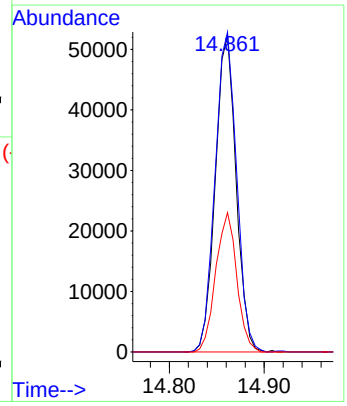


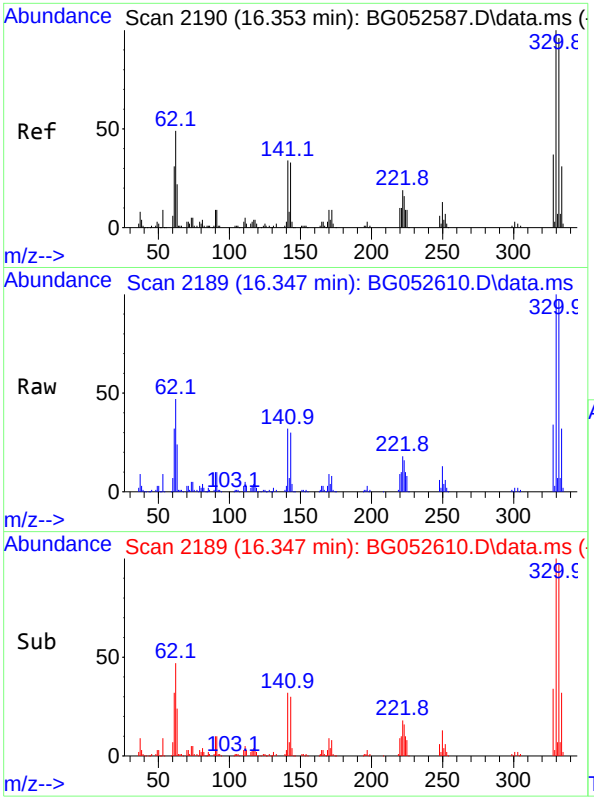


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.861 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:164 Resp: 79688

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	44.0	36.2	54.2



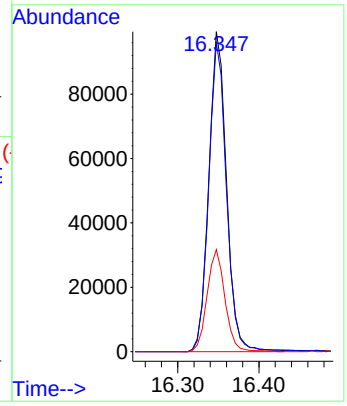


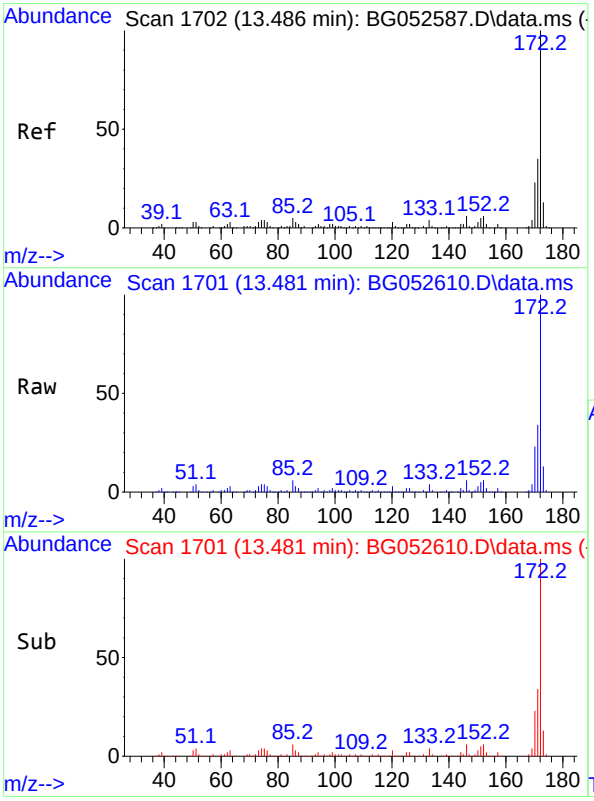
#42
2,4,6-Tribromophenol
Concen: 131.291 ng
RT: 16.347 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion:330 Resp: 150362

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.6	117.8
141	32.3	28.8	43.2

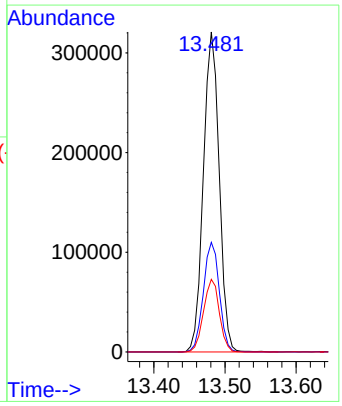


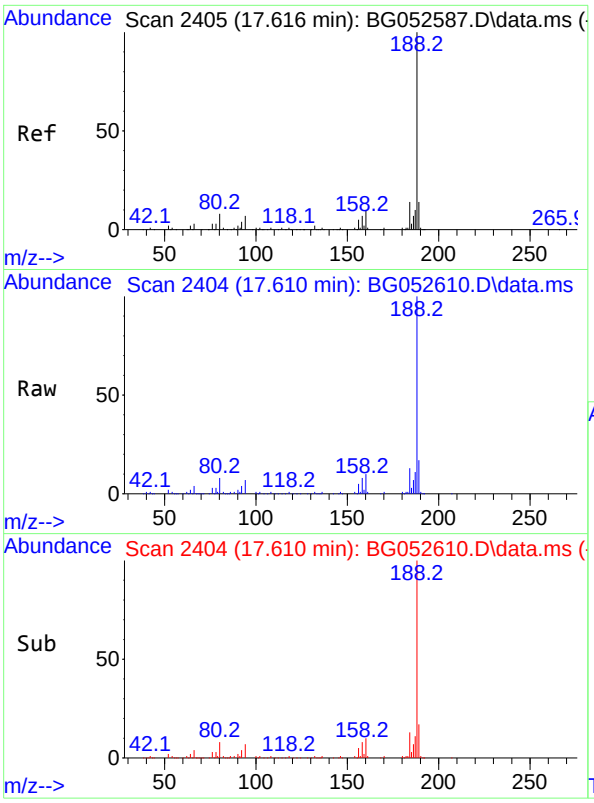


#45
2-Fluorobiphenyl
Concen: 85.989 ng
RT: 13.481 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:172 Resp: 496937

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.3	42.5
170	22.7	18.3	27.5



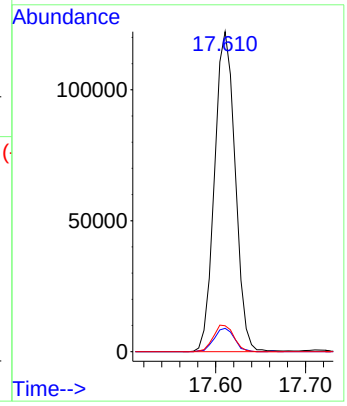


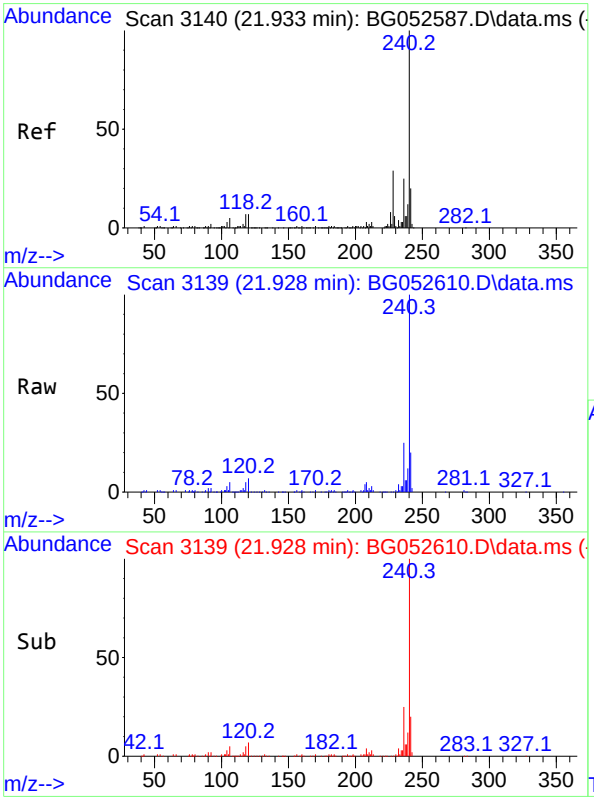
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.610 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion:188 Resp: 194855

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.9	8.9
80	8.1	6.6	10.0

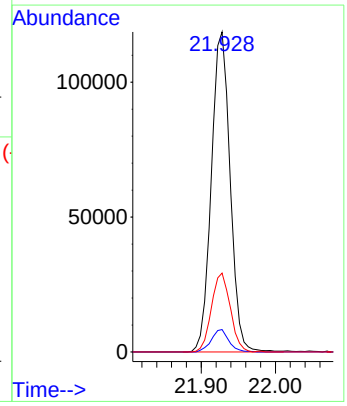


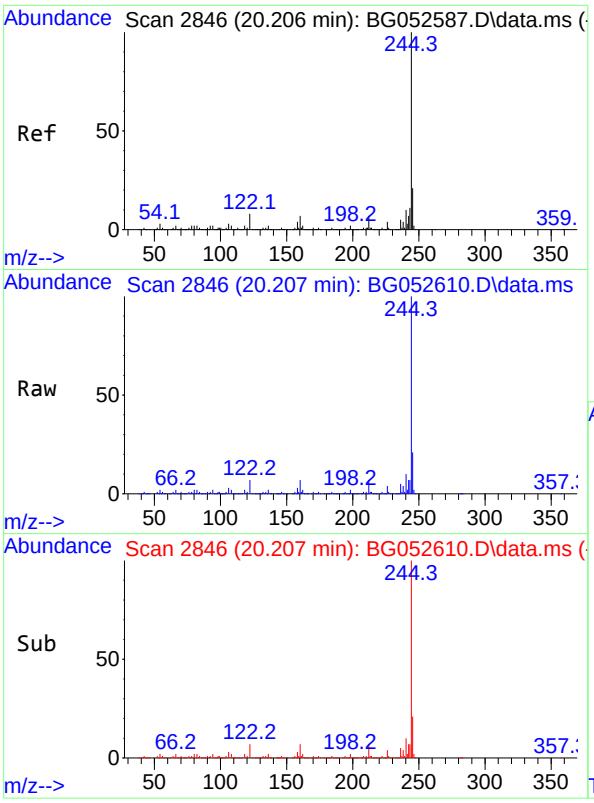


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:240 Resp: 208648

Ion	Ratio	Lower	Upper
240	100		
120	7.0	4.4	6.6#
236	24.7	20.8	31.2



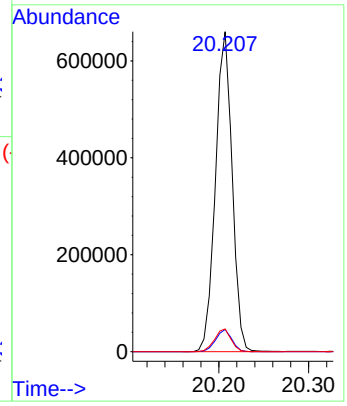


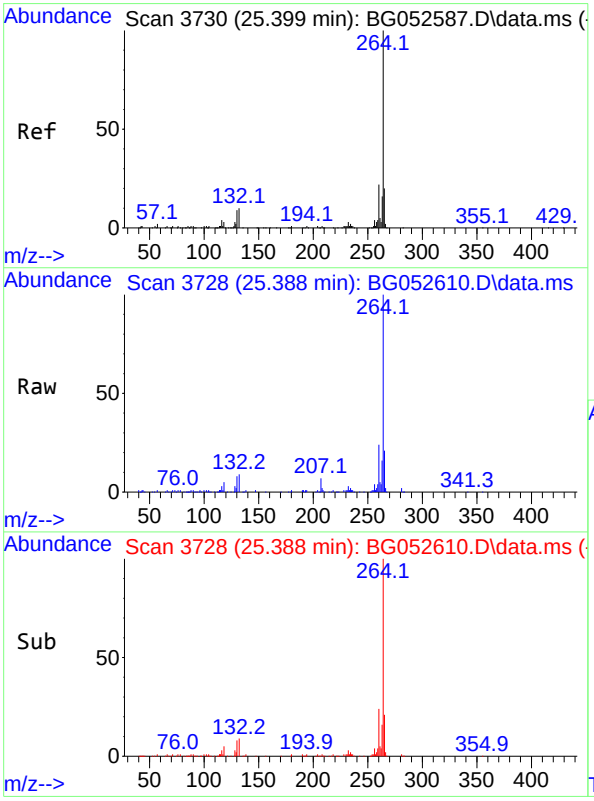
#79
Terphenyl-d14
Concen: 72.940 ng
RT: 20.207 min Scan# 2
Delta R.T. 0.001 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Instrument :
BNA_G
ClientSampleId :
20220216-098-21-01-ELUTRIATE

Tgt Ion:244 Resp: 849842

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	7.1	6.2	9.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.388 min Scan# 3728
Delta R.T. -0.011 min
Lab File: BG052610.D
Acq: 8 Mar 2022 18:39

Tgt Ion:264 Resp: 211819

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	20.7	17.8	26.6