Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
Data File : BG053501.D
Acq On : 9 May 2022 20:19
Operator : CG/JU
Sample : N2739-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124035

Quant Time: May 10 03:03:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.090	152	28636	20.000	ng	0.00
21) Naphthalene-d8	10.898	136	110928	20.000	ng	#-0.02
39) Acenaphthene-d10	14.710	164	81283	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	189290	20.000	ng	-0.01
76) Chrysene-d12	21.736	240	203295	20.000	ng	0.00
86) Perylene-d12	25.014	264	208405	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	197905	117.290	ng	0.00
7) Phenol-d6	7.250	99	281476	109.919	ng	0.00
23) Nitrobenzene-d5	9.253	82	201698	77.401	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	125980	105.086	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	398246	71.595	ng	0.00
79) Terphenyl-d14	20.056	244	702442	64.354	ng	-0.01
Target Compounds						Qvalue
75) Fluoranthene	19.504	202	36247	2.908	ng	96
78) Pyrene	19.868	202	33318	2.532	ng	96

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

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Misc :
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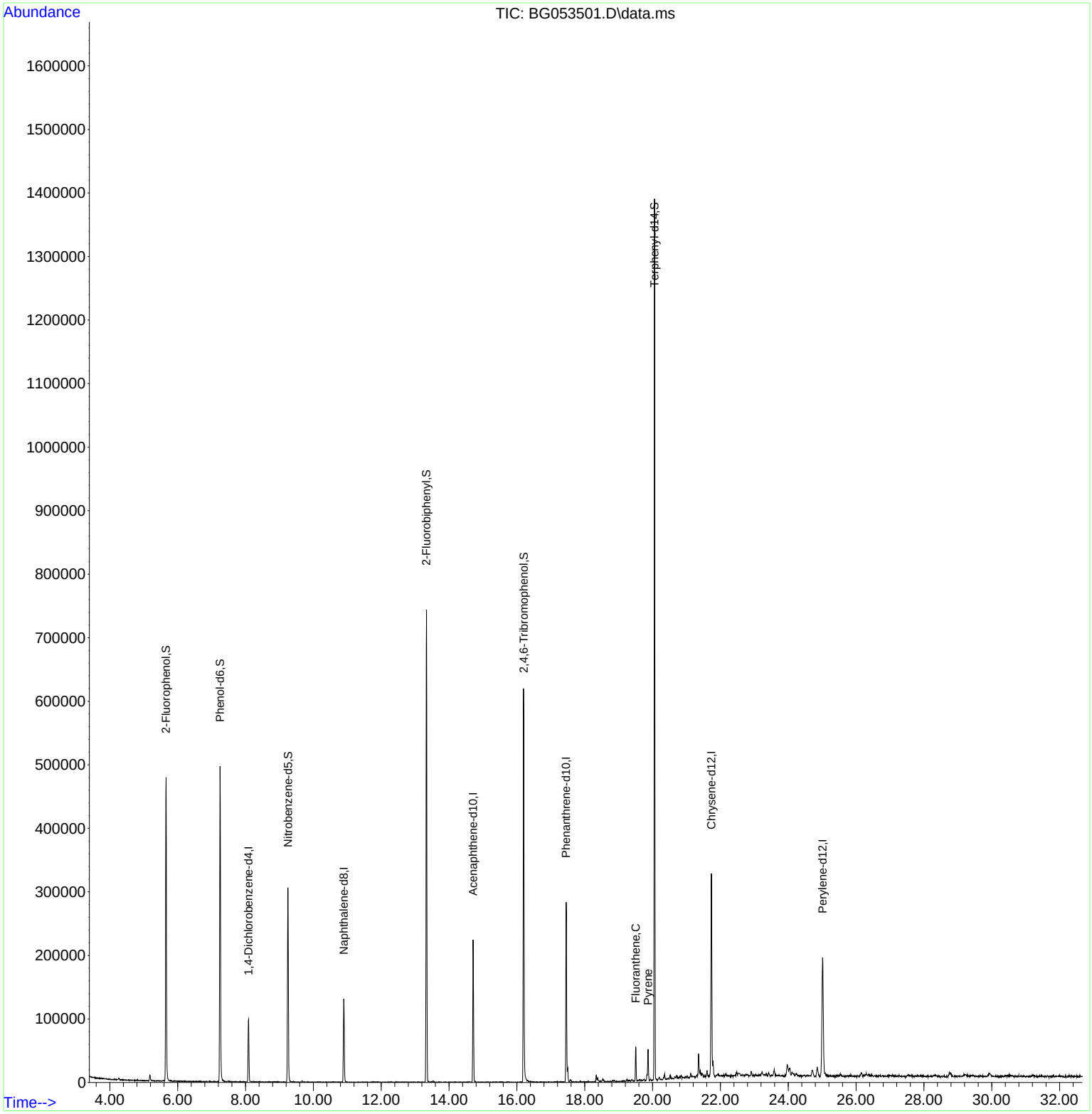
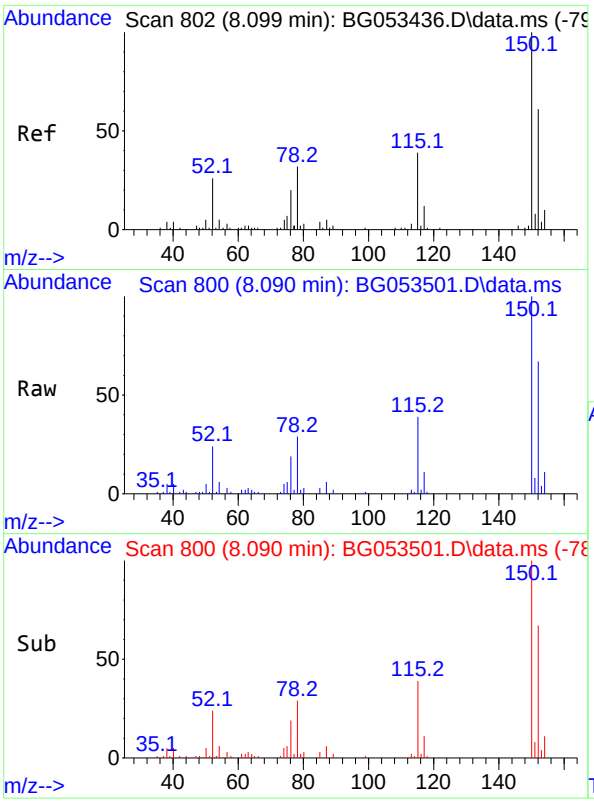


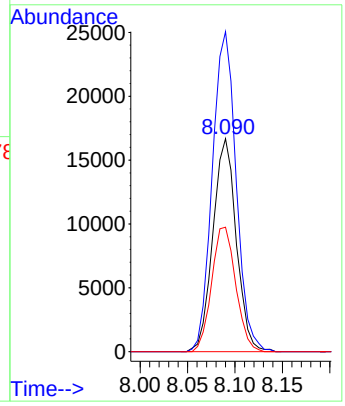


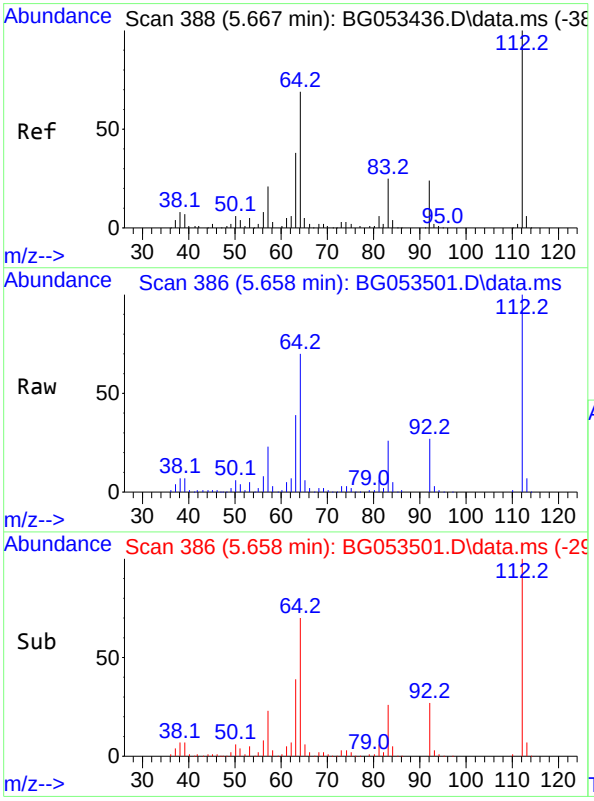
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.090 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion:152 Resp: 28636

Ion	Ratio	Lower	Upper
152	100		
150	150.2	131.6	197.4
115	58.4	50.9	76.3

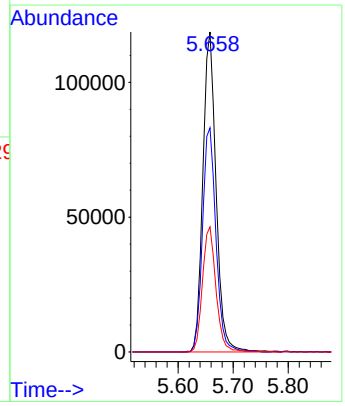


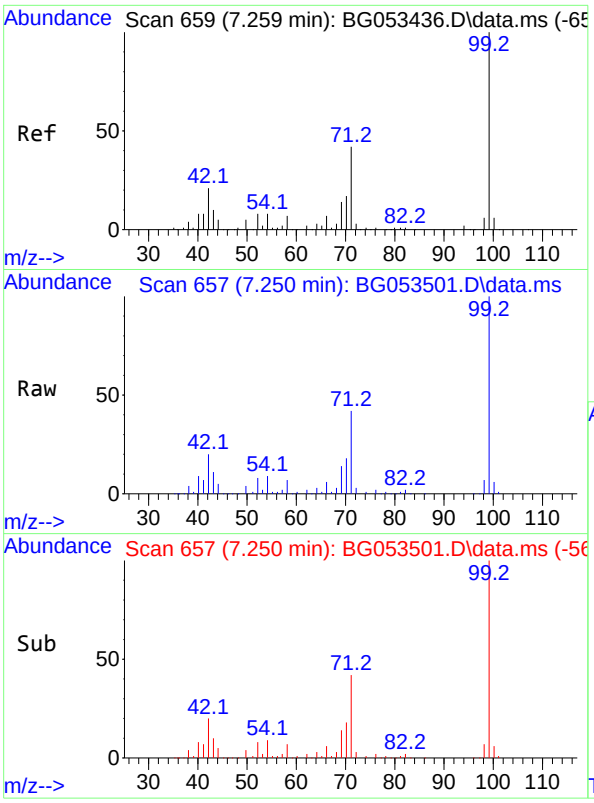


#5
2-Fluorophenol
Concen: 117.290 ng
RT: 5.658 min Scan# 386
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:112 Resp: 197905

Ion	Ratio	Lower	Upper
112	100		
64	70.1	55.1	82.7
63	39.1	30.4	45.6



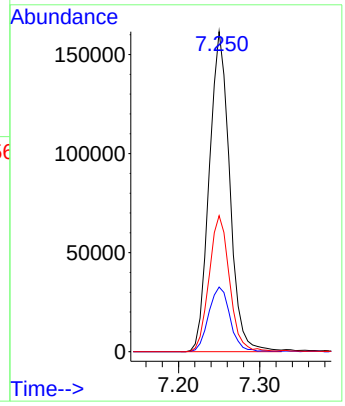


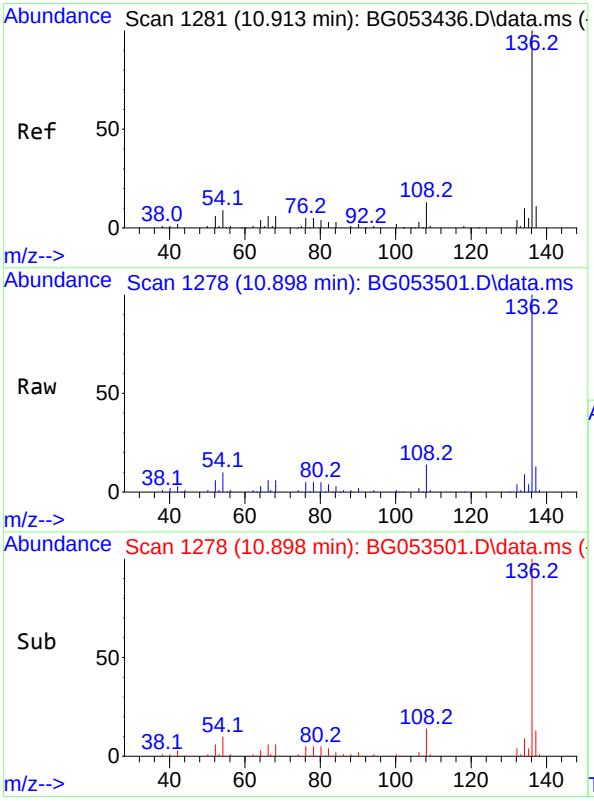
#7
Phenol-d6
Concen: 109.919 ng
RT: 7.250 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion: 99 Resp: 281476

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.0	25.6
71	42.5	33.8	50.8

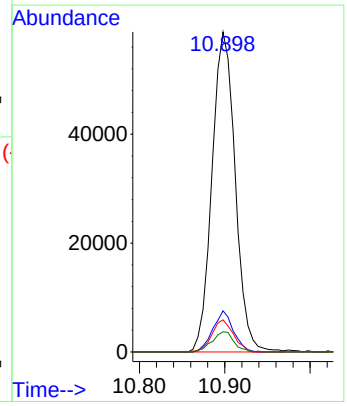


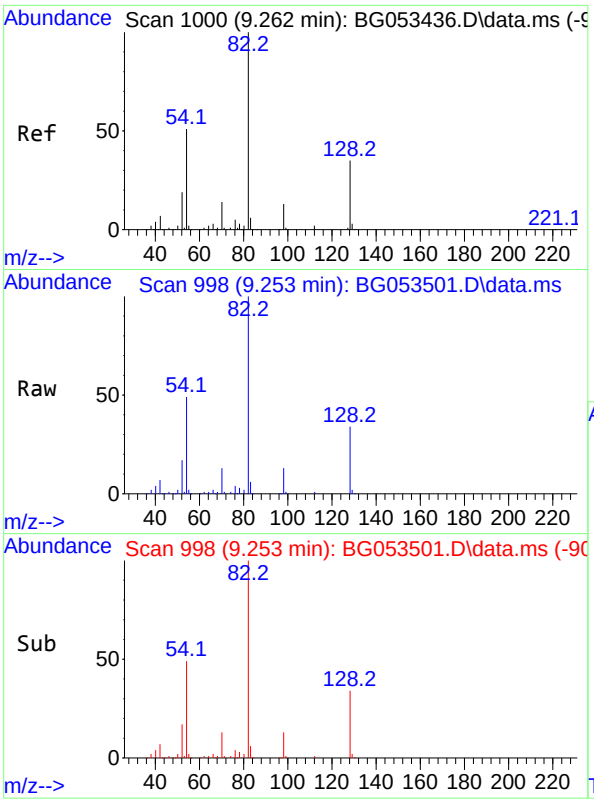


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.898 min Scan# 1278
Delta R.T. -0.015 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:136 Resp: 110928

Ion	Ratio	Lower	Upper
136	100		
137	12.9	8.5	12.7#
54	10.0	7.4	11.2
68	6.3	4.9	7.3



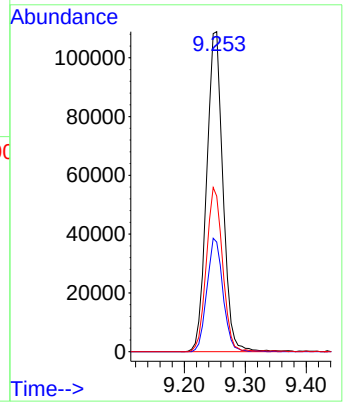


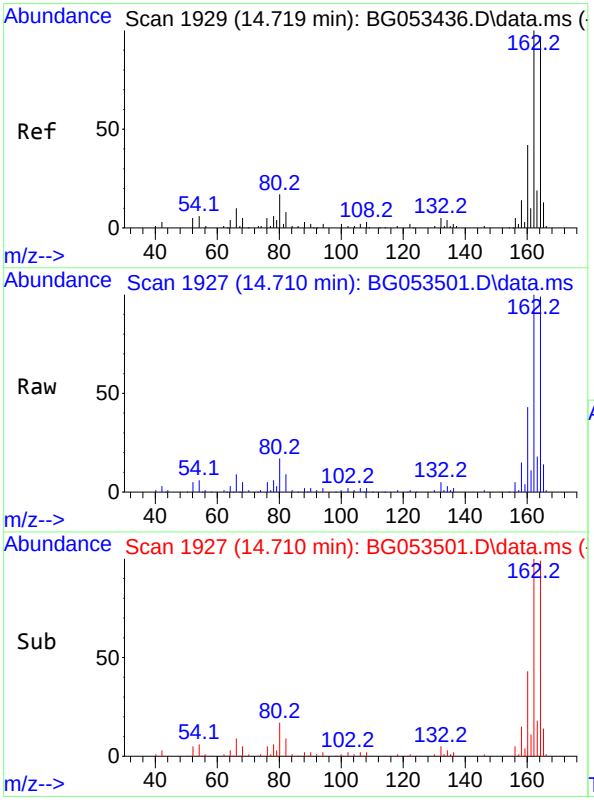
#23
Nitrobenzene-d5
Concen: 77.401 ng
RT: 9.253 min Scan# 9
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion: 82 Resp: 201698

Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.9	41.9
54	48.6	41.2	61.8

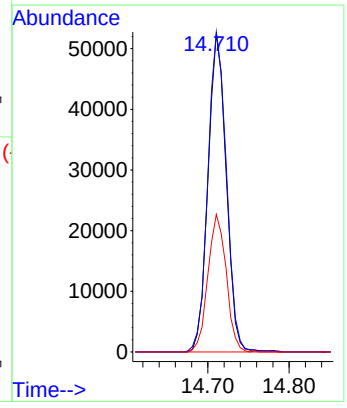


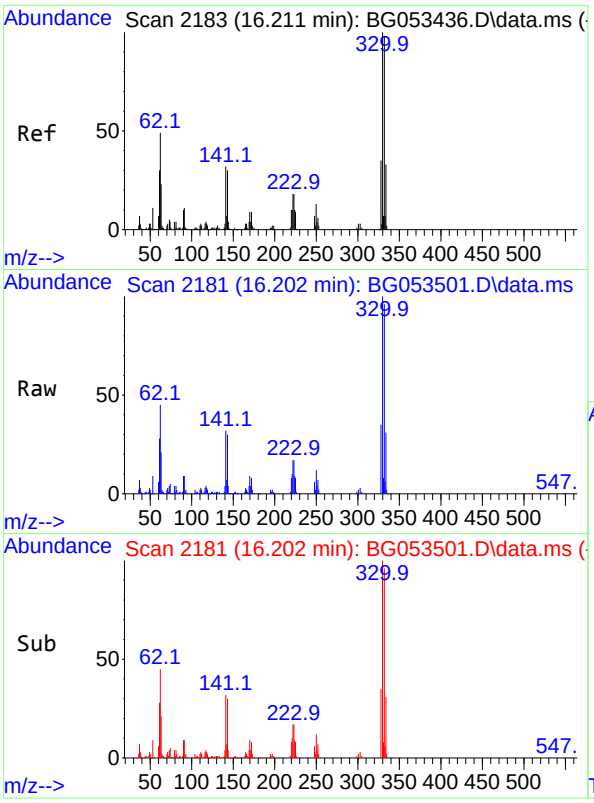


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:164 Resp: 81283

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.3	123.5
160	43.2	34.2	51.2



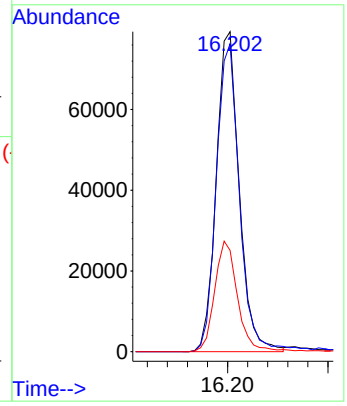


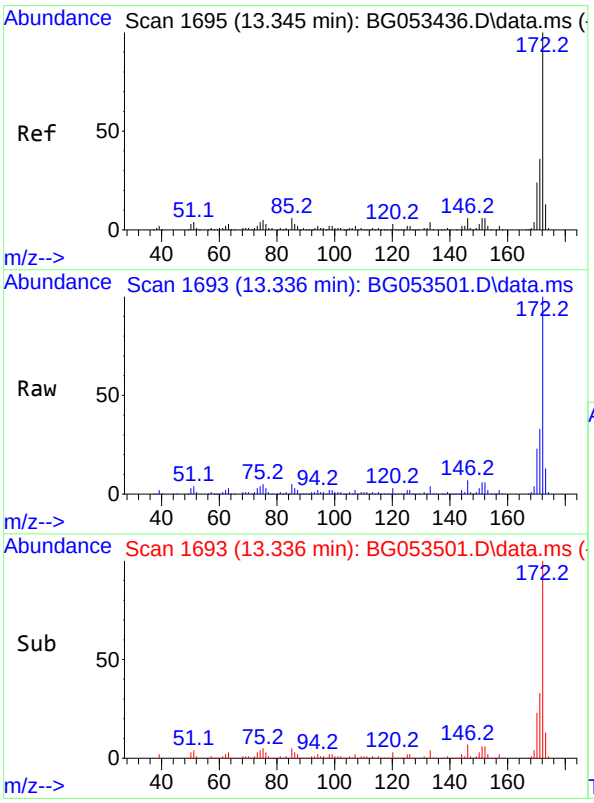
#42
2,4,6-Tribromophenol
Concen: 105.086 ng
RT: 16.202 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion:330 Resp: 125980

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.0	114.0
141	34.7	27.1	40.7

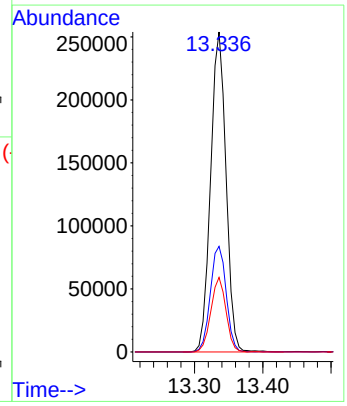


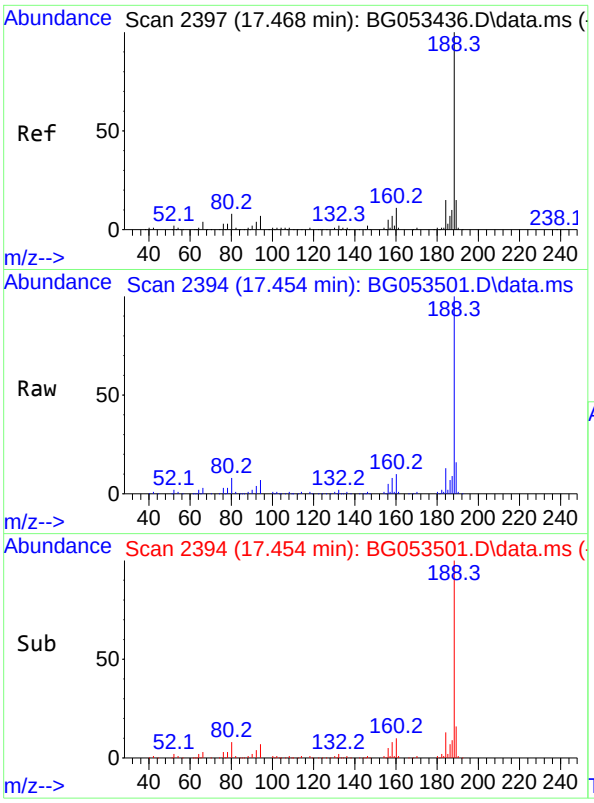


#45
2-Fluorobiphenyl
Concen: 71.595 ng
RT: 13.336 min Scan# 1693
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:172 Resp: 398246

Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.5	42.7
170	23.3	18.9	28.3



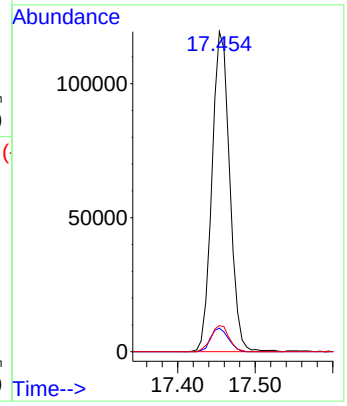


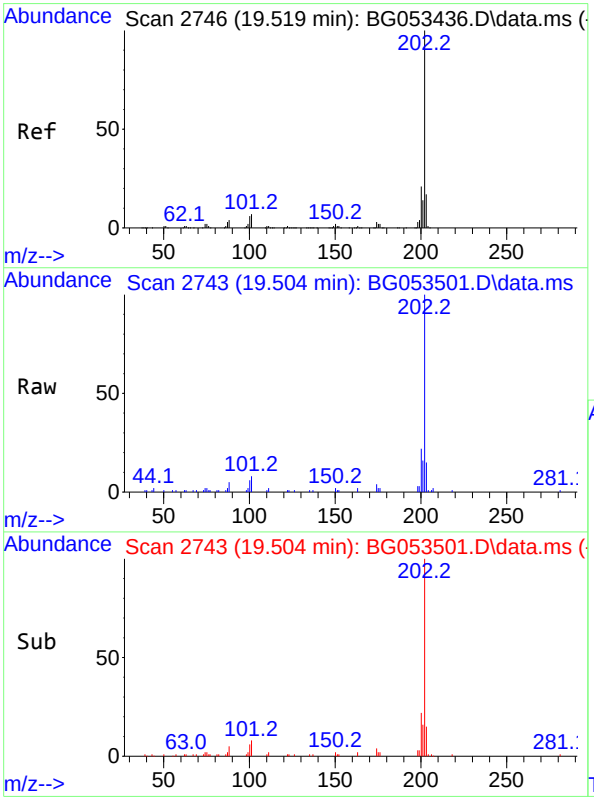
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.454 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion:188 Resp: 189290

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.4	8.0
80	8.2	6.8	10.2

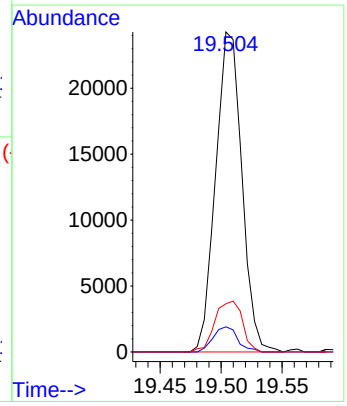


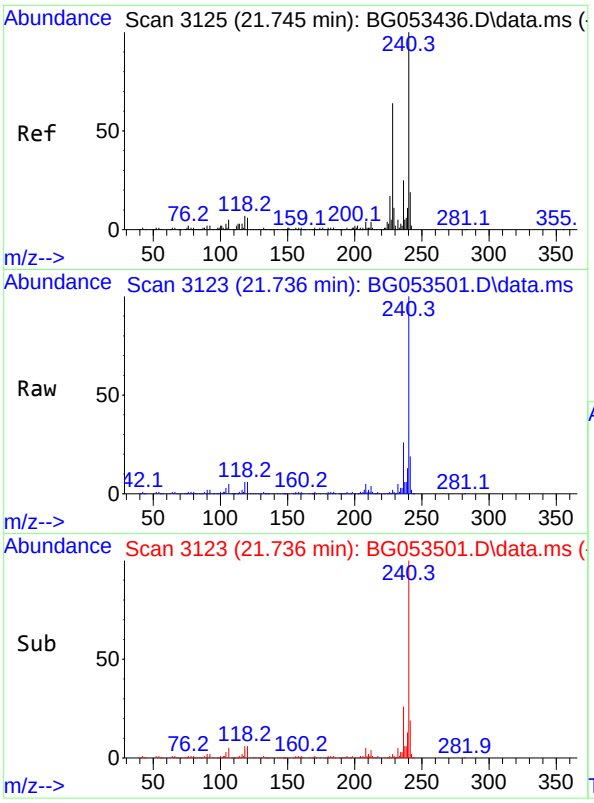


#75
Fluoranthene
Concen: 2.908 ng
RT: 19.504 min Scan# 2743
Delta R.T. -0.015 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:202 Resp: 36247

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	26.9
203	15.1	0.0	37.2



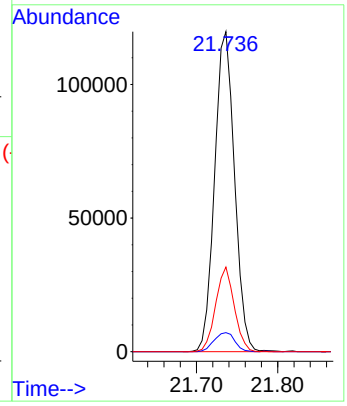


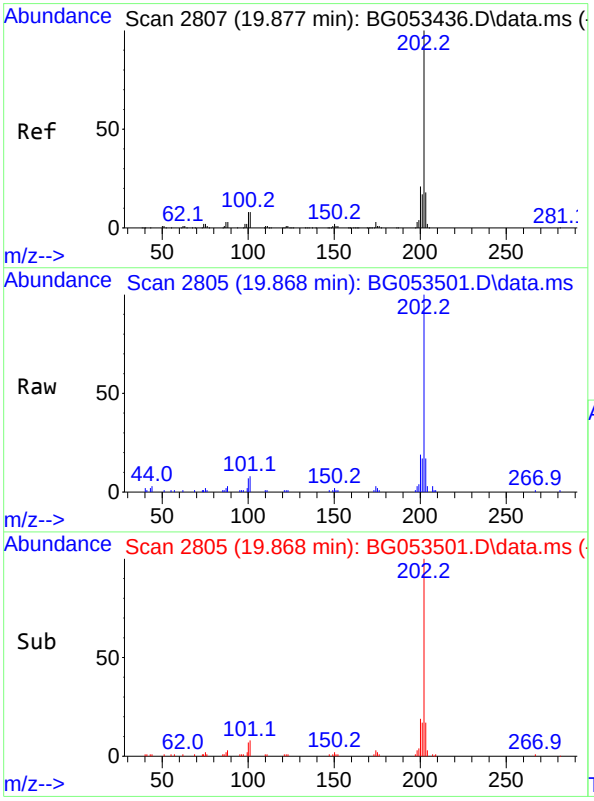
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.736 min Scan# 3
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion:240 Resp: 203295

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	26.4	20.2	30.4

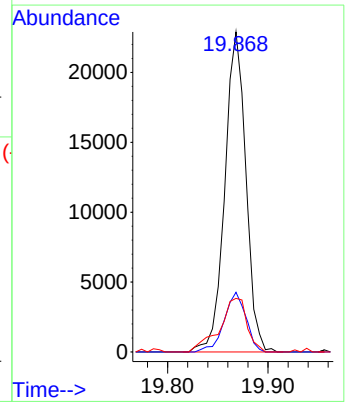


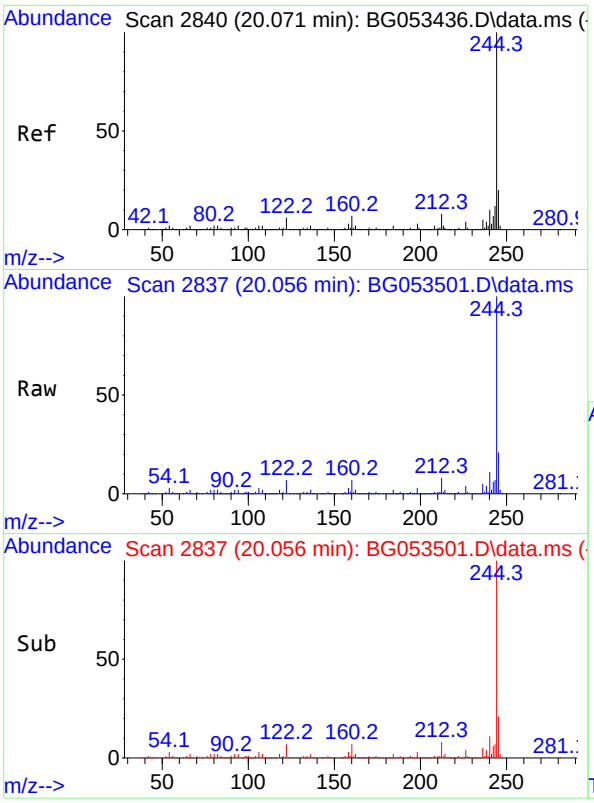


#78
Pyrene
Concen: 2.532 ng
RT: 19.868 min Scan# 2805
Delta R.T. -0.009 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:202 Resp: 33318

Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.6	24.8
203	16.8	14.6	21.8



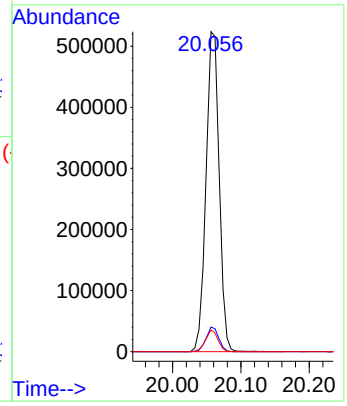


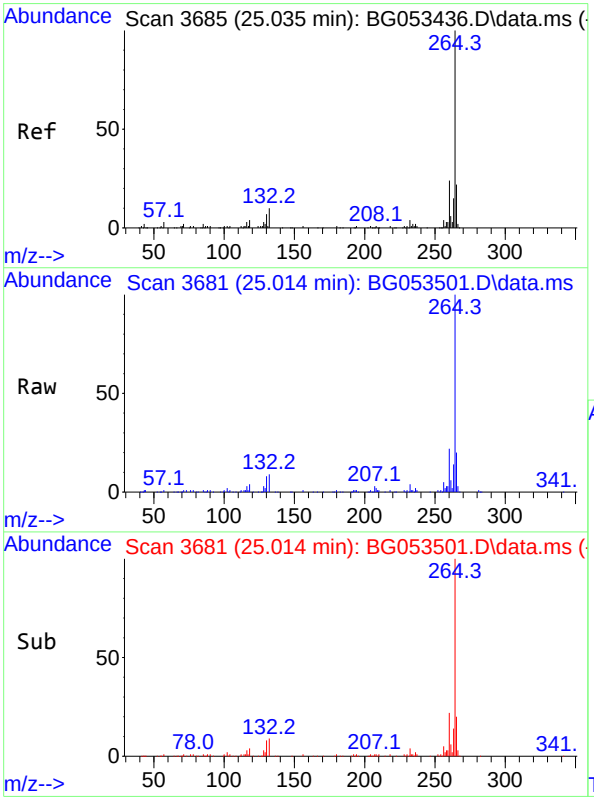
#79
Terphenyl-d14
Concen: 64.354 ng
RT: 20.056 min Scan# 2
Delta R.T. -0.015 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Instrument :
BNA_G
ClientSampleId :
124035

Tgt Ion:244 Resp: 702442

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	6.8	5.0	7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.014 min Scan# 3681
Delta R.T. -0.021 min
Lab File: BG053501.D
Acq: 9 May 2022 20:19

Tgt Ion:264 Resp: 208405

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.6
265	20.2	17.4	26.2