Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055132.D
Acq On : 11 Oct 2022 18:41
Operator : CG/JU
Sample : N5082-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Quant Time: Oct 12 06:21:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	35887	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	163272	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	114668	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	250733	20.000	ng	0.00
76) Chrysene-d12	21.960	240	231865	20.000	ng	0.00
86) Perylene-d12	25.403	264	255585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.849	112	217891	134.858	ng	0.00
7) Phenol-d6	7.459	99	300859	124.279	ng	0.00
23) Nitrobenzene-d5	9.498	82	192854	70.580	ng	0.00
42) 2,4,6-Tribromophenol	16.413	330	158906	133.193	ng	0.00
45) 2-Fluorobiphenyl	13.564	172	461311	62.804	ng	0.00
79) Terphenyl-d14	20.244	244	662674	57.766	ng	0.00
Target Compounds						Qvalue

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

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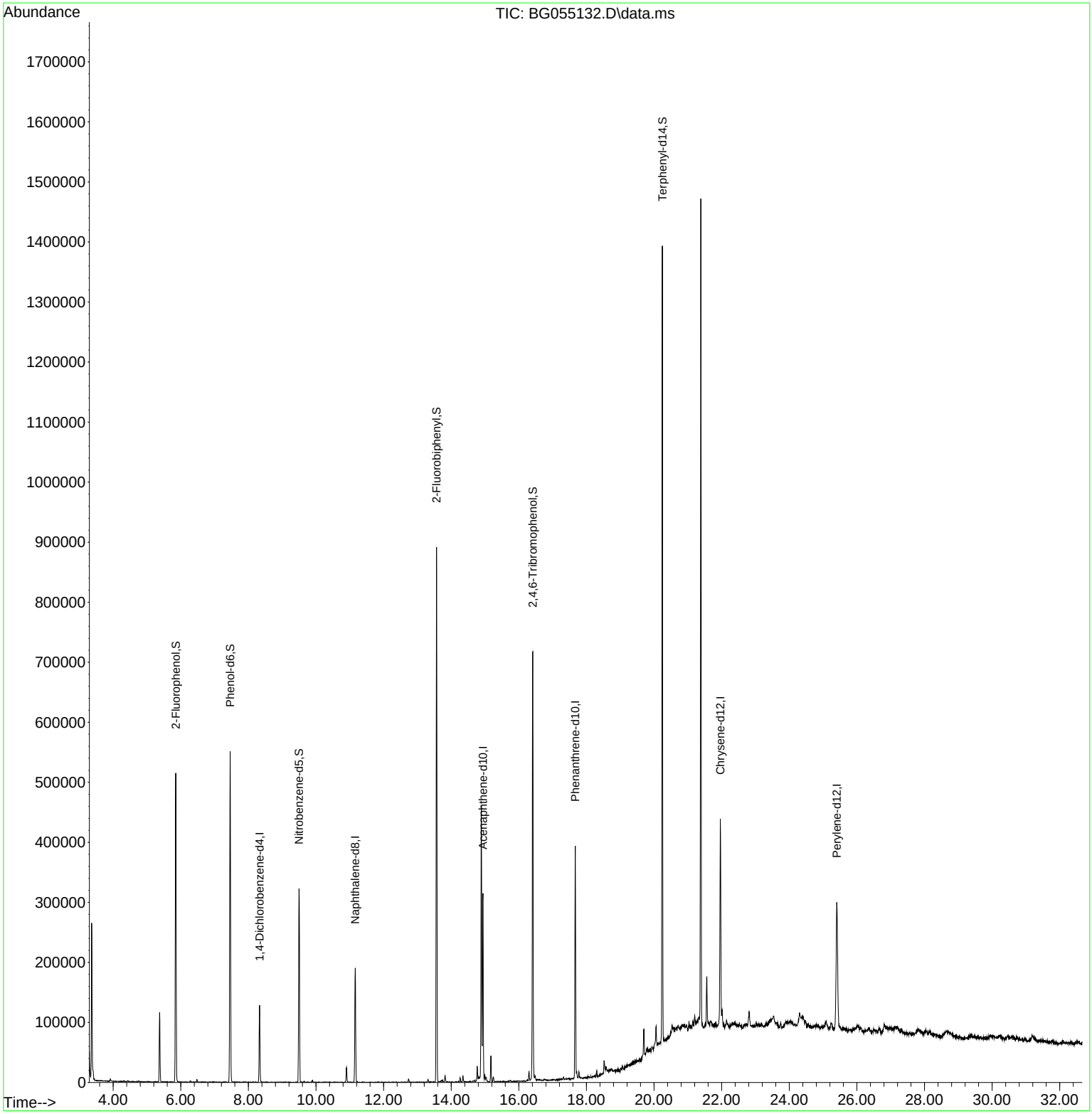
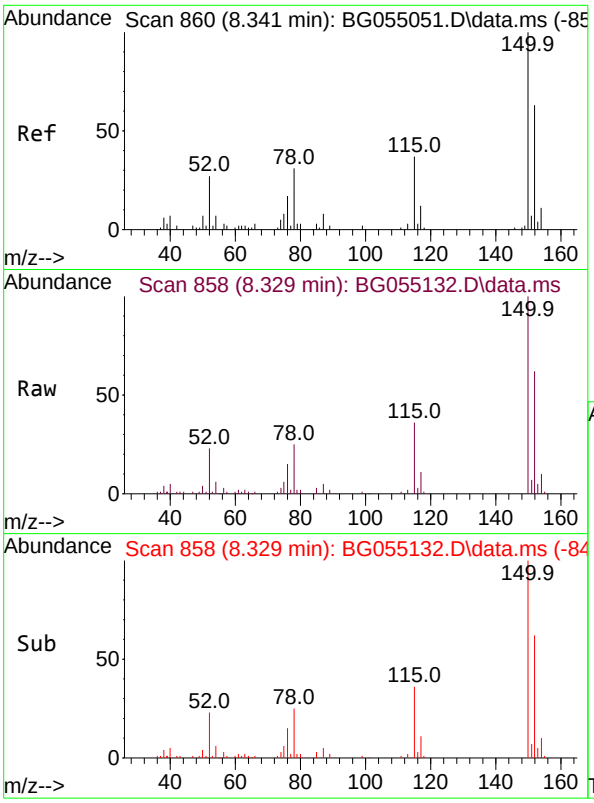


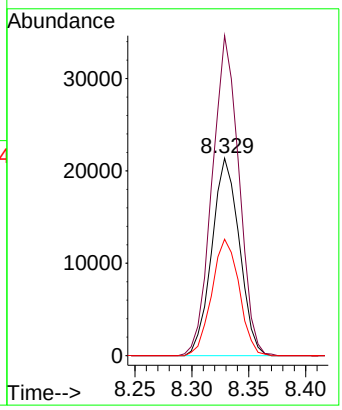


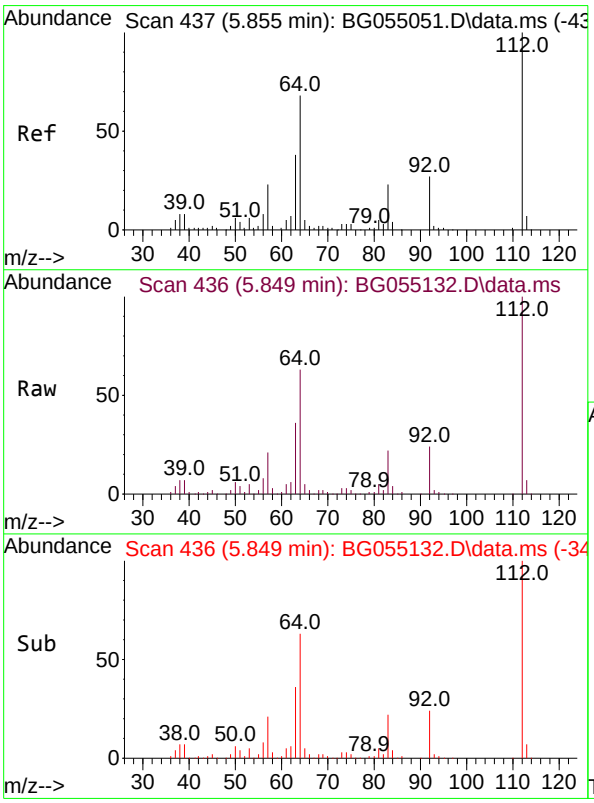
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 8
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:152 Resp: 35887

Ion	Ratio	Lower	Upper
152	100		
150	162.1	128.0	192.0
115	58.9	47.7	71.5

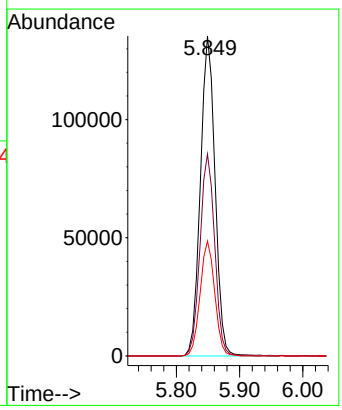


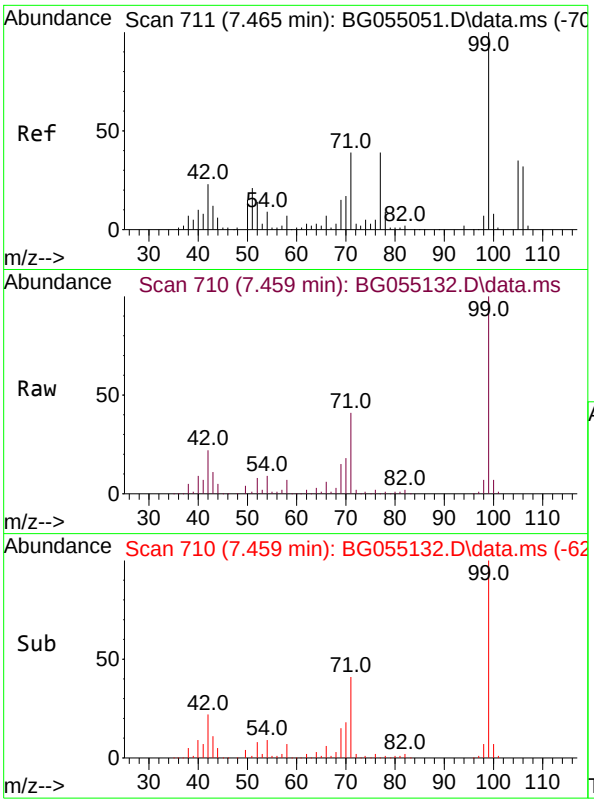


#5
2-Fluorophenol
Concen: 134.858 ng
RT: 5.849 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:112 Resp: 217891

Ion	Ratio	Lower	Upper
112	100		
64	63.1	54.5	81.7
63	35.9	30.5	45.7



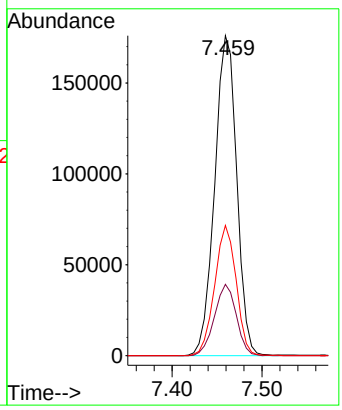


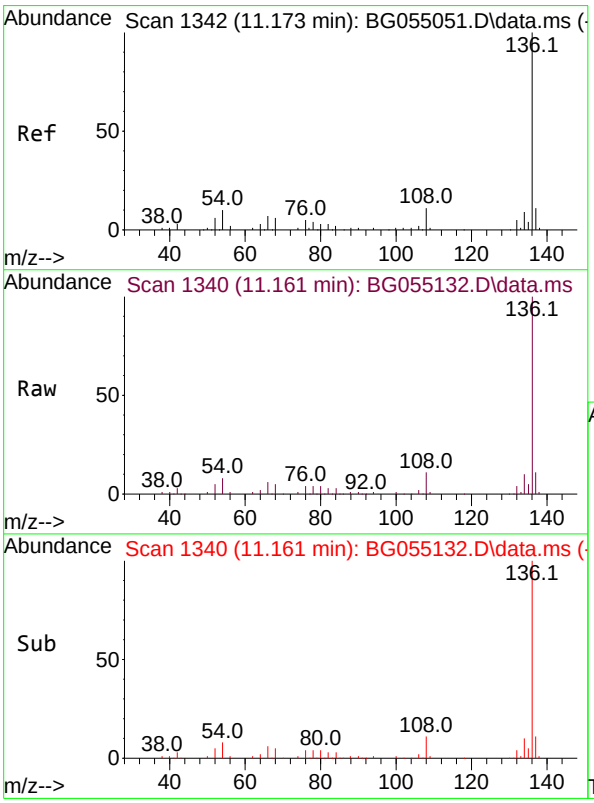
#7
Phenol-d6
Concen: 124.279 ng
RT: 7.459 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion: 99 Resp: 300859

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.6	28.0
71	40.7	31.2	46.8

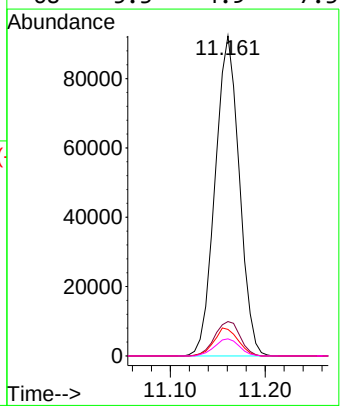


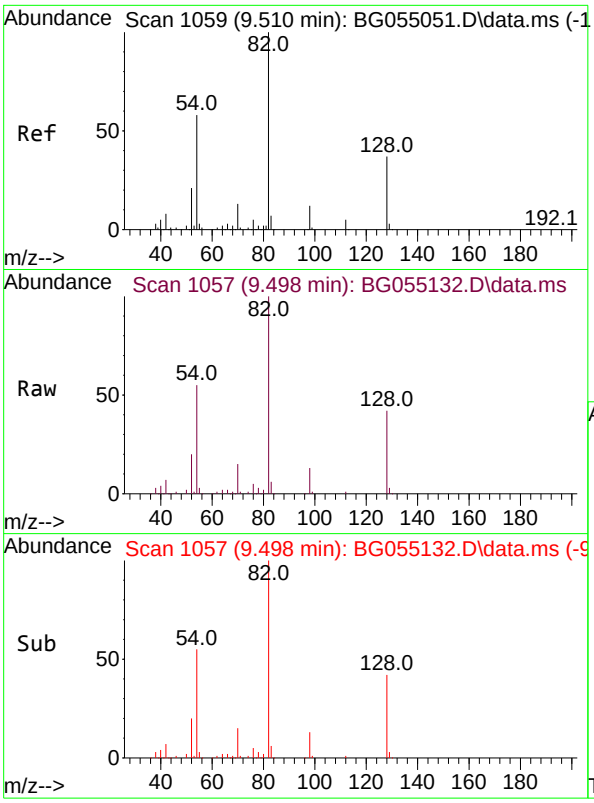


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:136 Resp: 163272

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.3	8.2	12.4
68	5.3	4.9	7.3



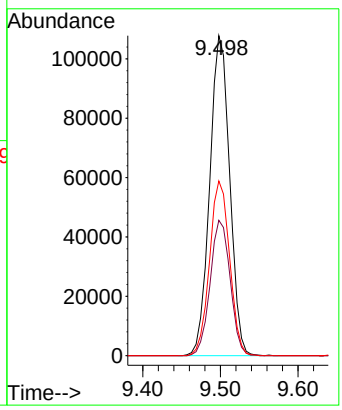


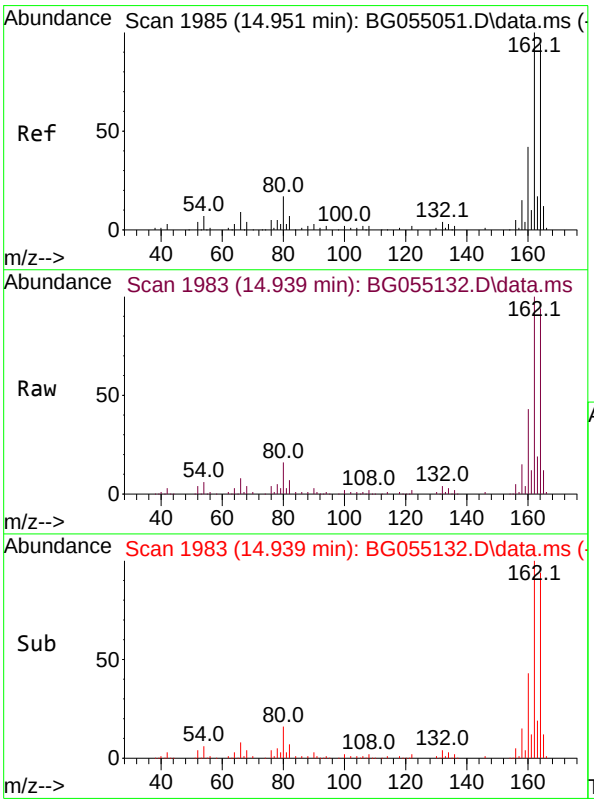
#23
Nitrobenzene-d5
Concen: 70.580 ng
RT: 9.498 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion: 82 Resp: 192854

Ion	Ratio	Lower	Upper
82	100		
128	42.3	29.5	44.3
54	54.6	46.7	70.1

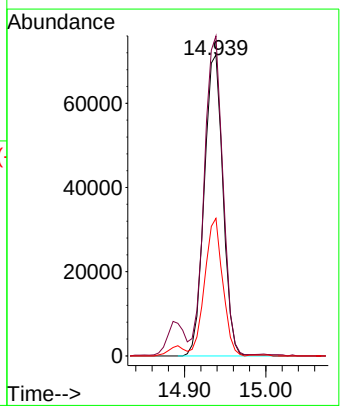


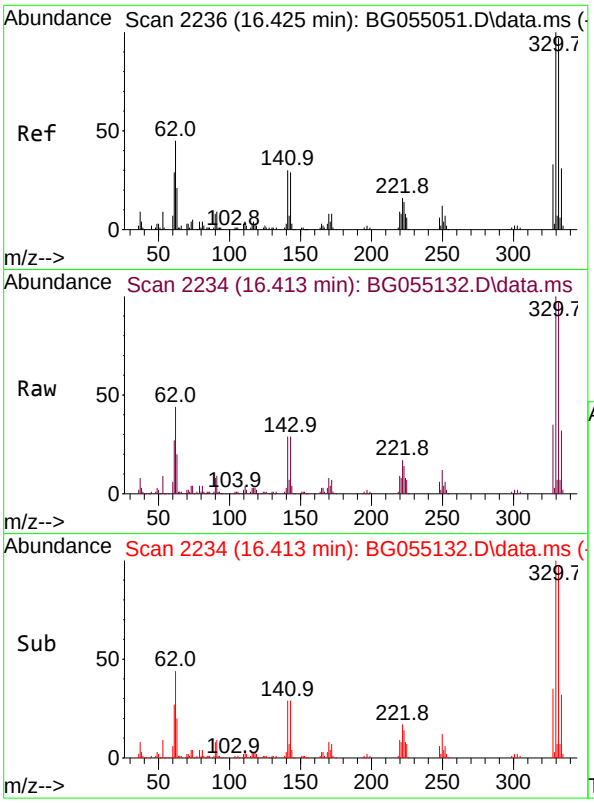


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:164 Resp: 114668

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.5	128.3
160	45.7	35.5	53.3



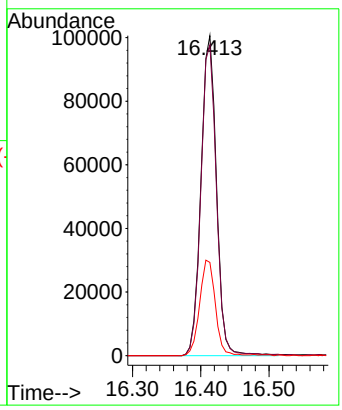


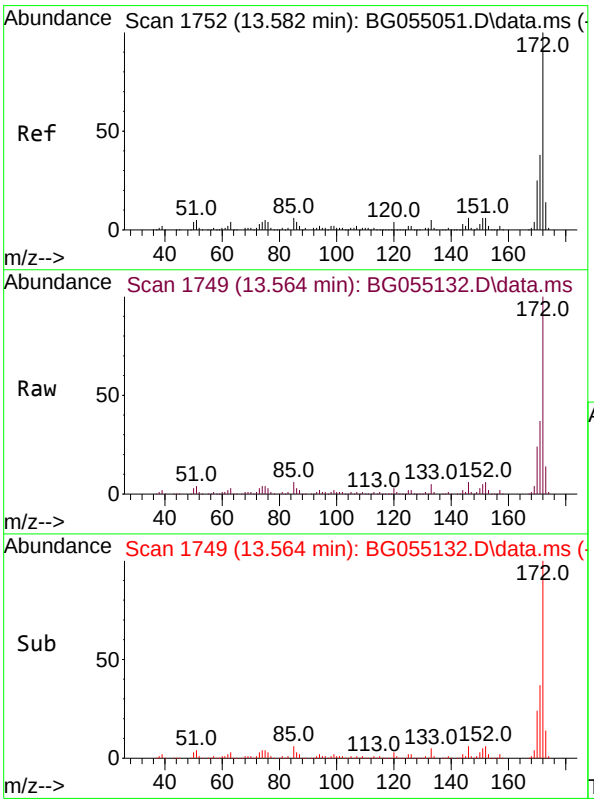
#42
2,4,6-Tribromophenol
Concen: 133.193 ng
RT: 16.413 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:330 Resp: 158906

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.0
141	30.2	25.0	37.4

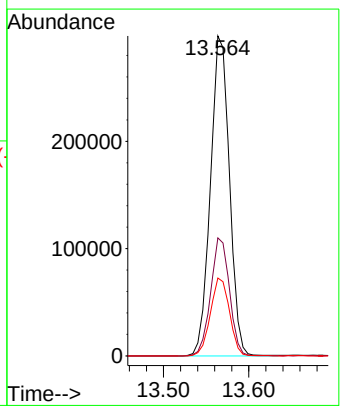


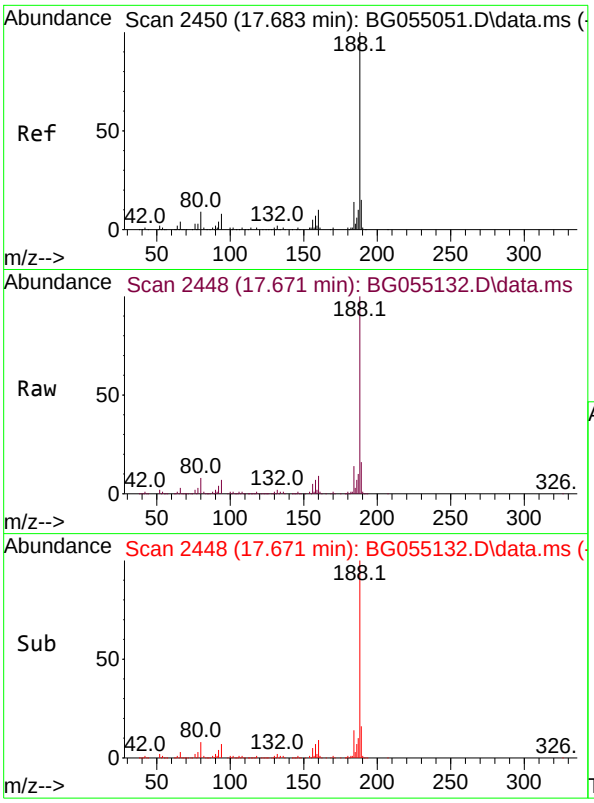


#45
2-Fluorobiphenyl
Concen: 62.804 ng
RT: 13.564 min Scan# 1749
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:172 Resp: 461311

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	24.4	20.0	30.0



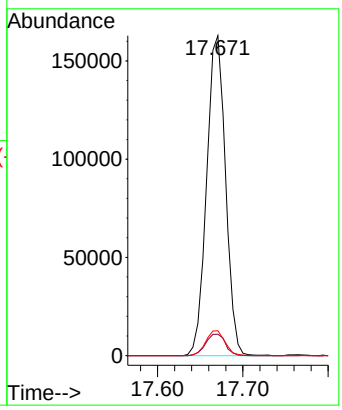


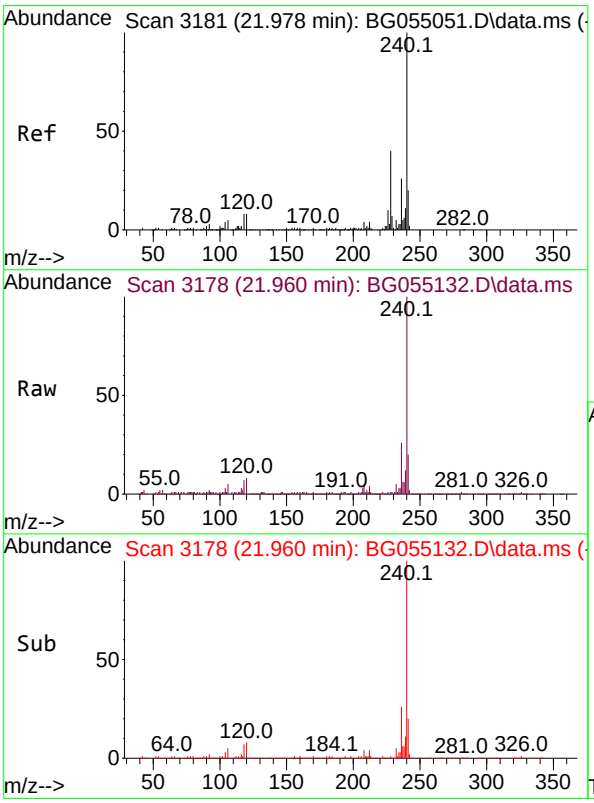
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.671 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:188 Resp: 250733

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.2
80	7.8	7.2	10.8

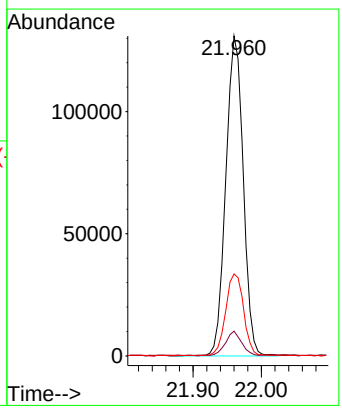


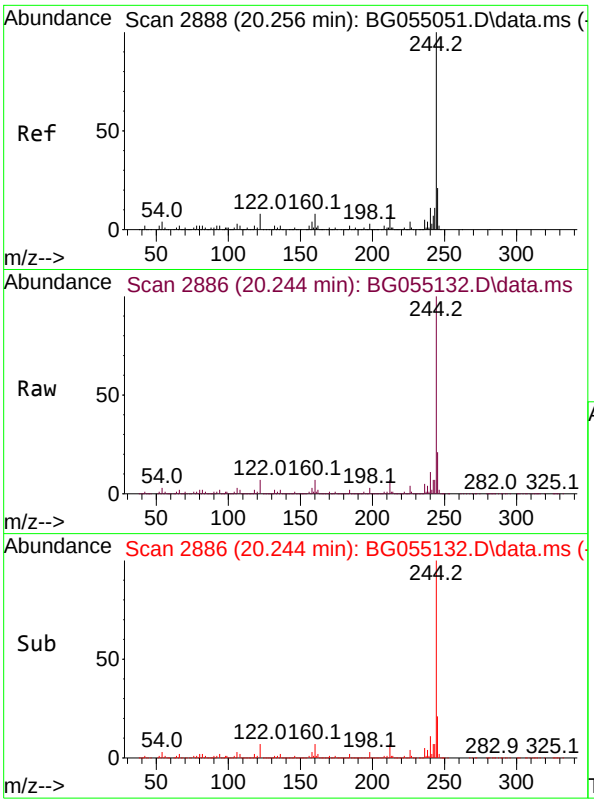


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:240 Resp: 231865

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	25.6	20.6	30.8



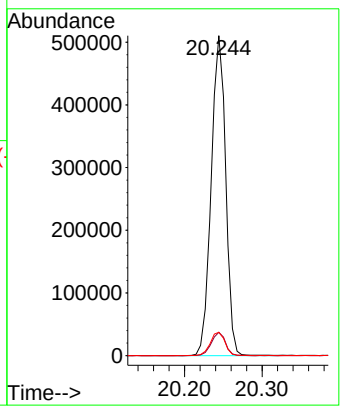


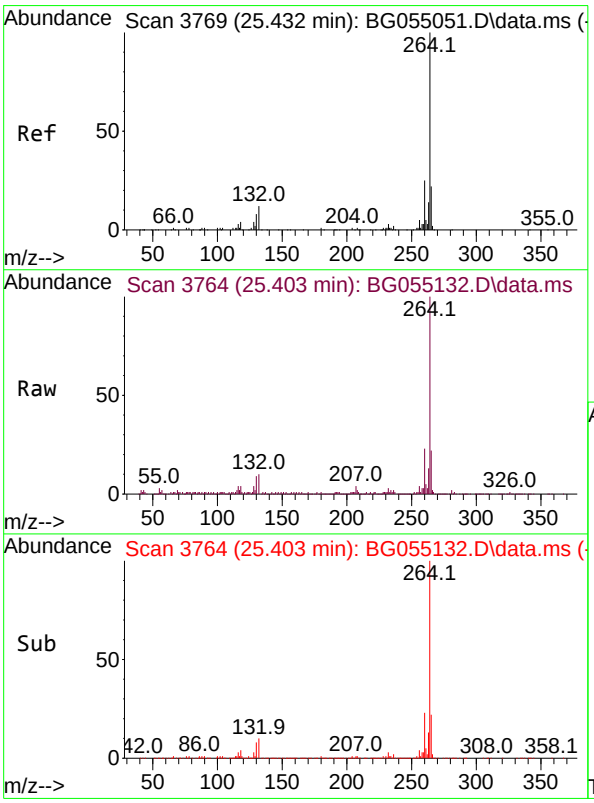
#79
Terphenyl-d14
Concen: 57.766 ng
RT: 20.244 min Scan# 2
Delta R.T. -0.009 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Instrument :
BNA_G
ClientSampleId :
FLORENCE-COMP-1-FLORENCE-VOC-1

Tgt Ion:244 Resp: 662674

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	7.3	6.6	10.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.403 min Scan# 3764
Delta R.T. -0.015 min
Lab File: BG055132.D
Acq: 11 Oct 2022 18:41

Tgt Ion:264 Resp: 255585

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	22.2	17.8	26.6