Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055687.D
Acq On : 18 Nov 2022 12:20
Operator : CG/JU
Sample : N5598-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Quant Time: Nov 18 23:54:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	33462	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	128007	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	85783	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	210091	20.000	ng	0.00
76) Chrysene-d12	21.912	240	215703	20.000	ng	0.00
86) Perylene-d12	25.326	264	228307	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	257498	139.093	ng	0.00
7) Phenol-d6	7.400	99	321199	130.339	ng	0.01
23) Nitrobenzene-d5	9.421	82	198835	82.100	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	173026	143.241	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	447538	78.159	ng	0.00
79) Terphenyl-d14	20.202	244	796038	73.813	ng	0.00
Target Compounds						Qvalue

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

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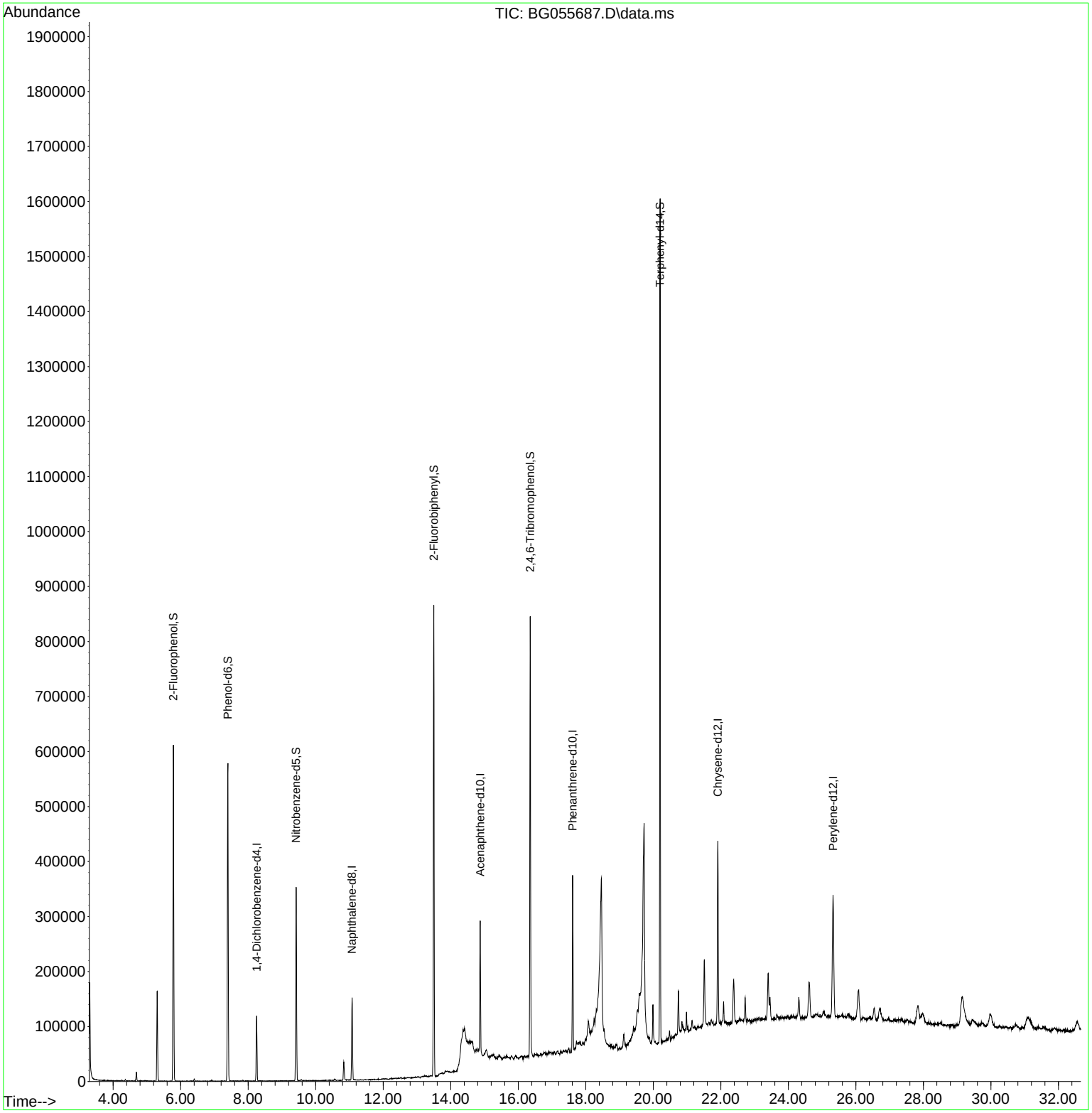
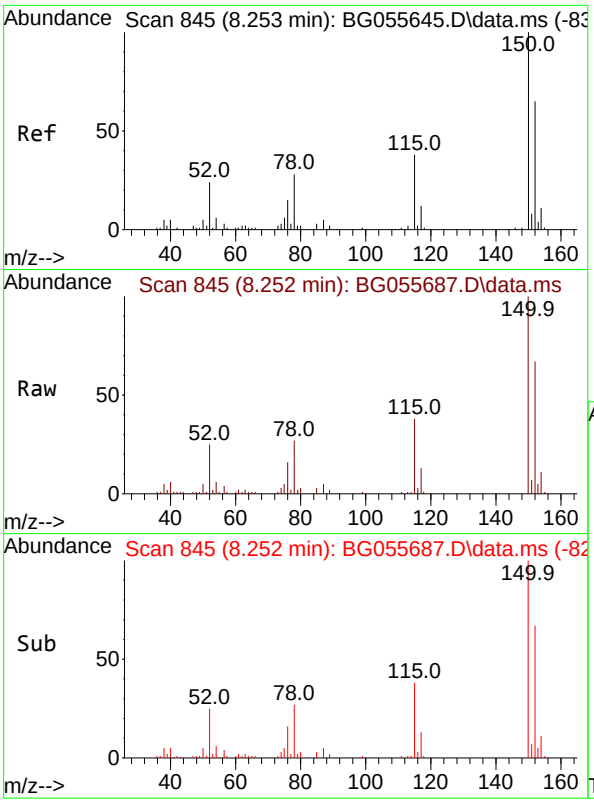


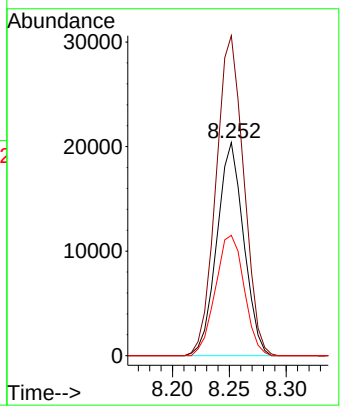


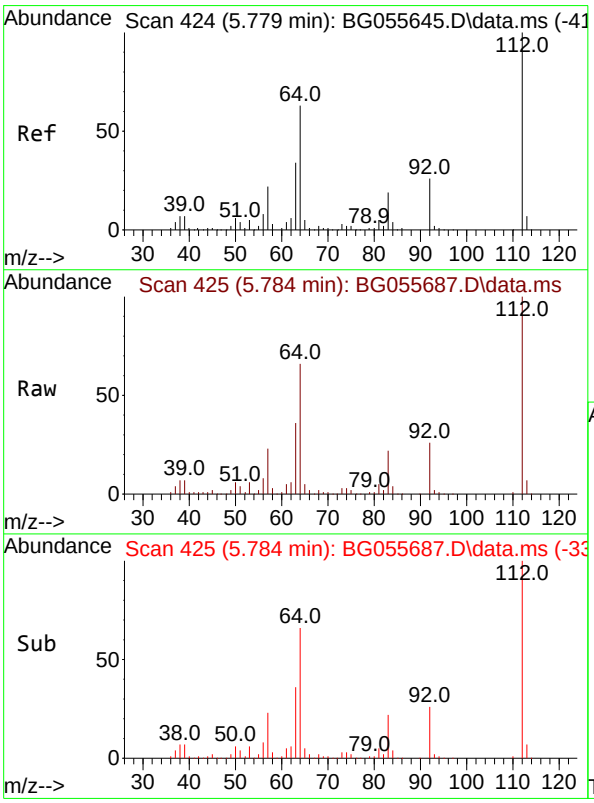
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:152 Resp: 33462

Ion	Ratio	Lower	Upper
152	100		
150	150.1	123.0	184.6
115	56.5	47.0	70.4

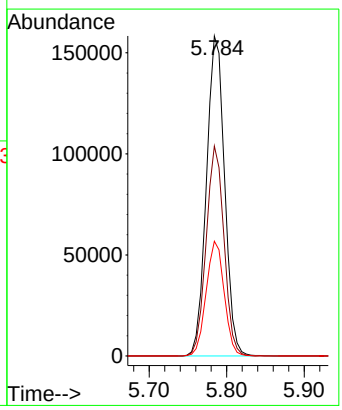


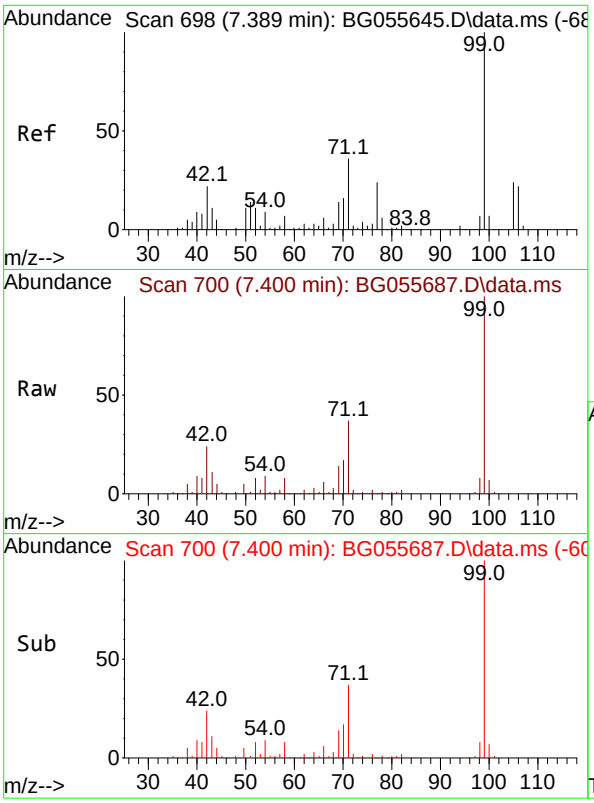


#5
2-Fluorophenol
Concen: 139.093 ng
RT: 5.784 min Scan# 425
Delta R.T. 0.005 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:112 Resp: 257498

Ion	Ratio	Lower	Upper
112	100		
64	65.6	50.6	76.0
63	35.9	27.5	41.3



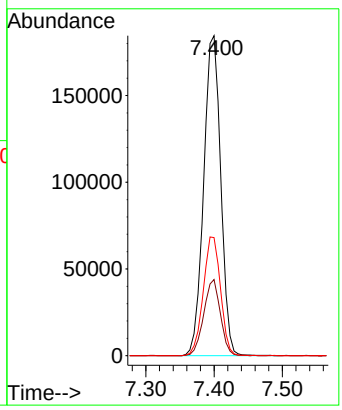


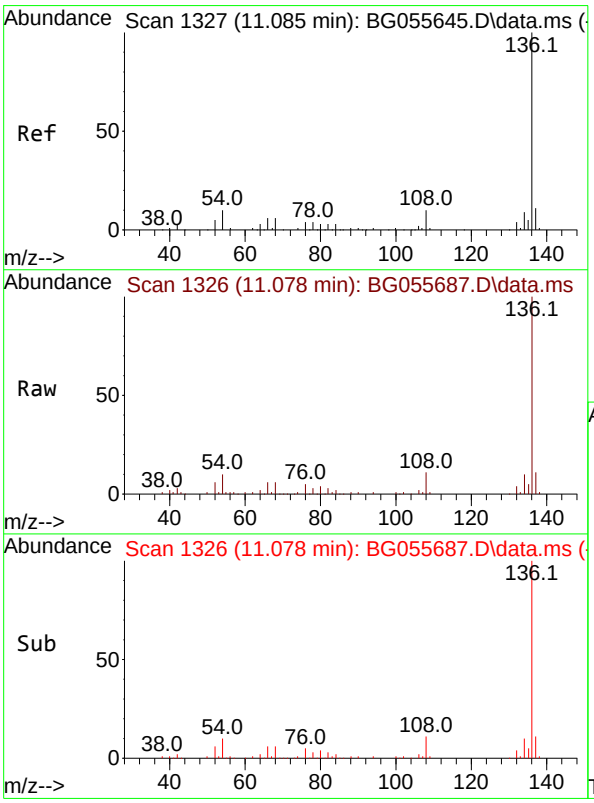
#7
Phenol-d6
Concen: 130.339 ng
RT: 7.400 min Scan# 7(
Delta R.T. 0.011 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion: 99 Resp: 321199

Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.0	27.0
71	36.9	29.0	43.6

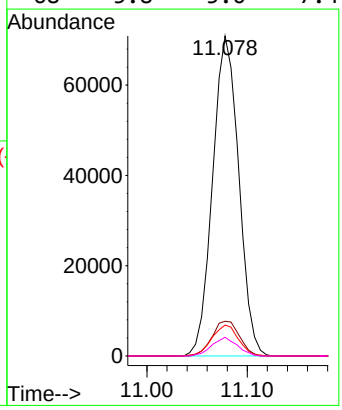


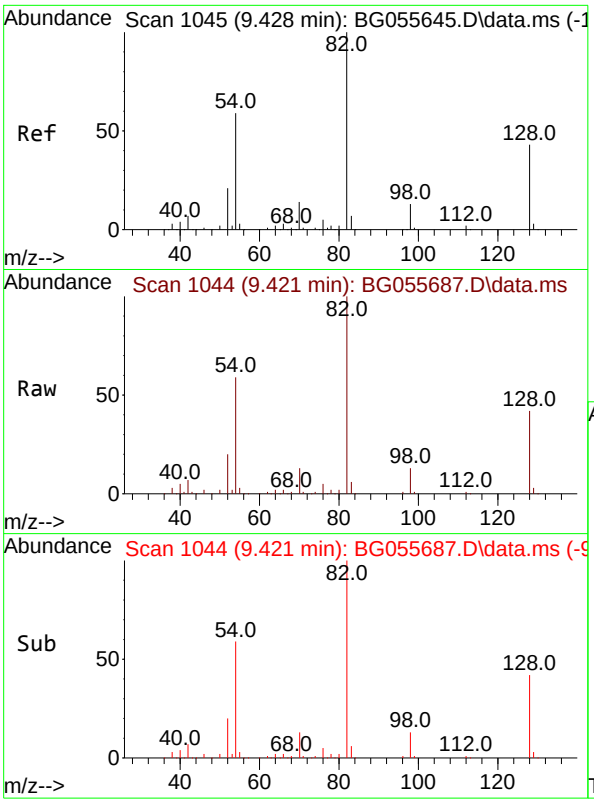


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 1326
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:136 Resp: 128007

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.7	7.8	11.6
68	5.8	5.0	7.4



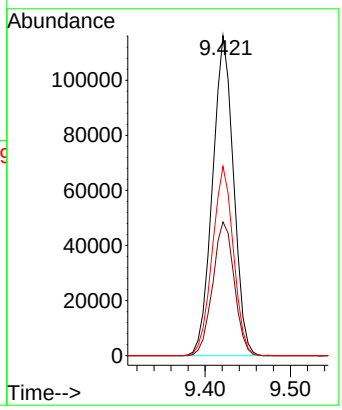


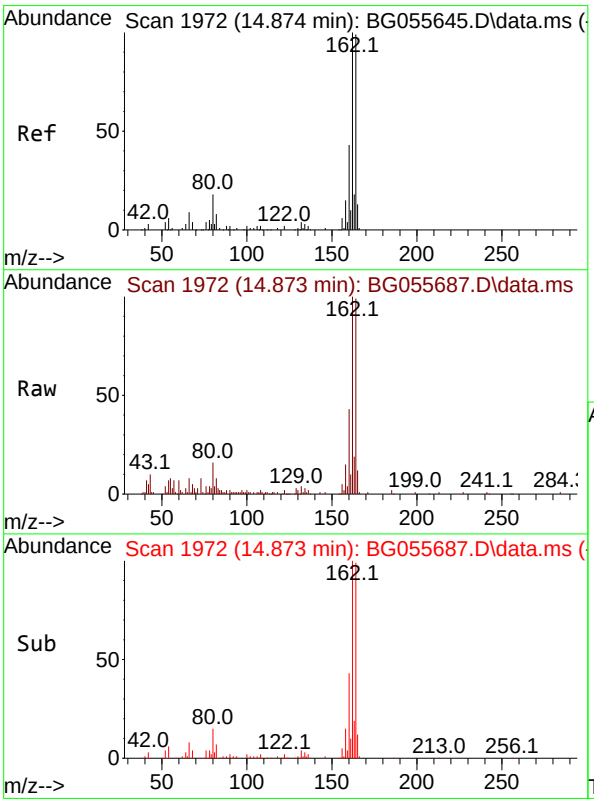
#23
Nitrobenzene-d5
Concen: 82.100 ng
RT: 9.421 min Scan# 1(
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion: 82 Resp: 198835

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.1	51.1
54	59.2	47.3	70.9

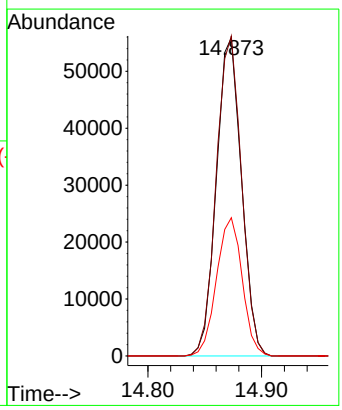


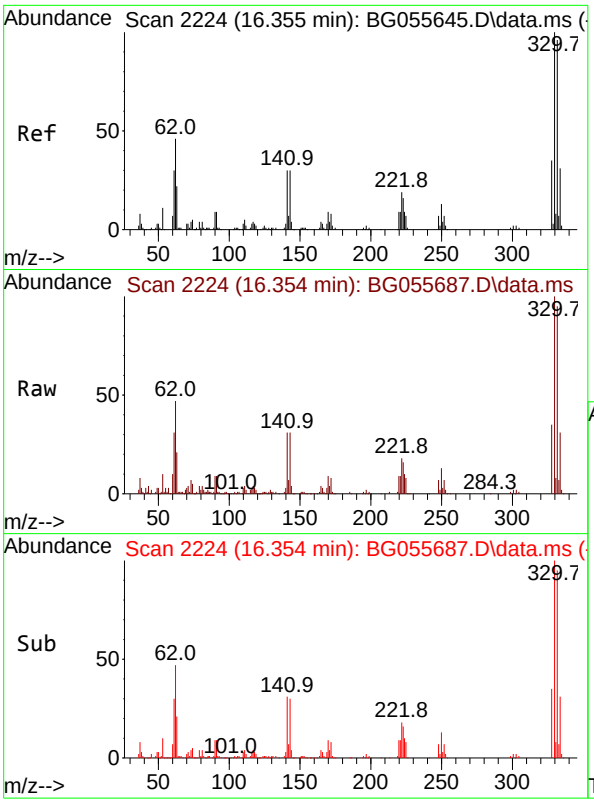


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:164 Resp: 85783

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.1	121.7
160	43.5	34.8	52.2



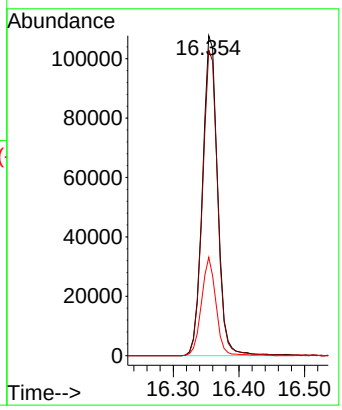


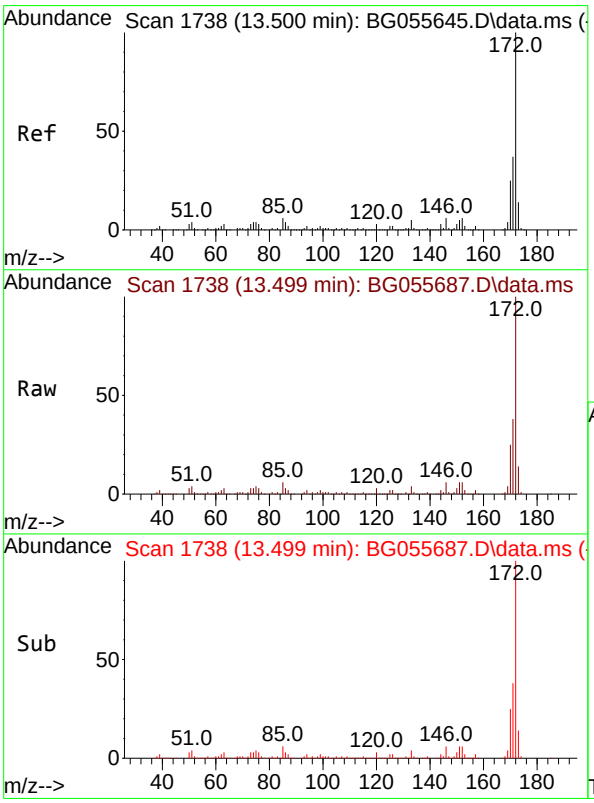
#42
2,4,6-Tribromophenol
Concen: 143.241 ng
RT: 16.354 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:330 Resp: 173026

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.8
141	29.6	23.9	35.9

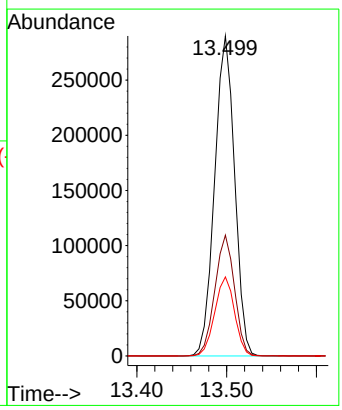


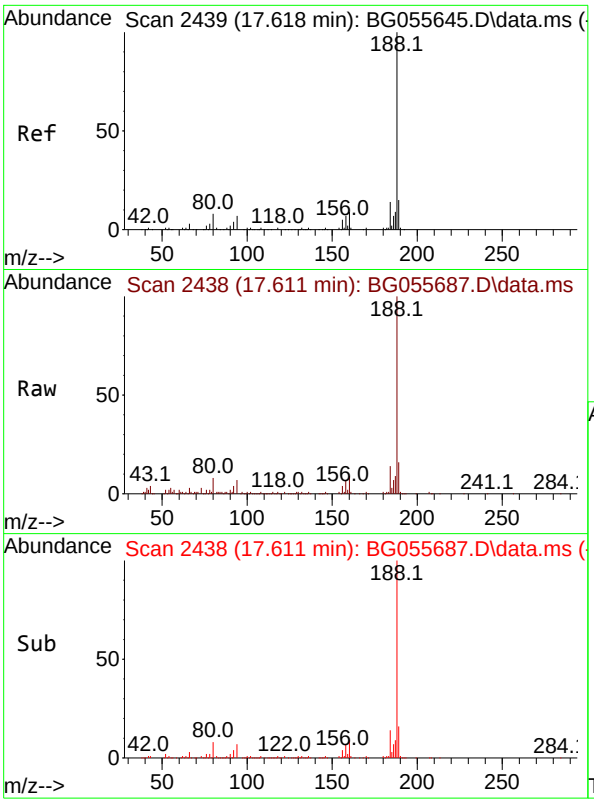


#45
2-Fluorobiphenyl
Concen: 78.159 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:172 Resp: 447538

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.8	44.6
170	24.7	20.2	30.4



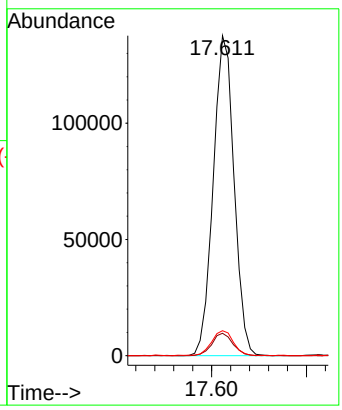


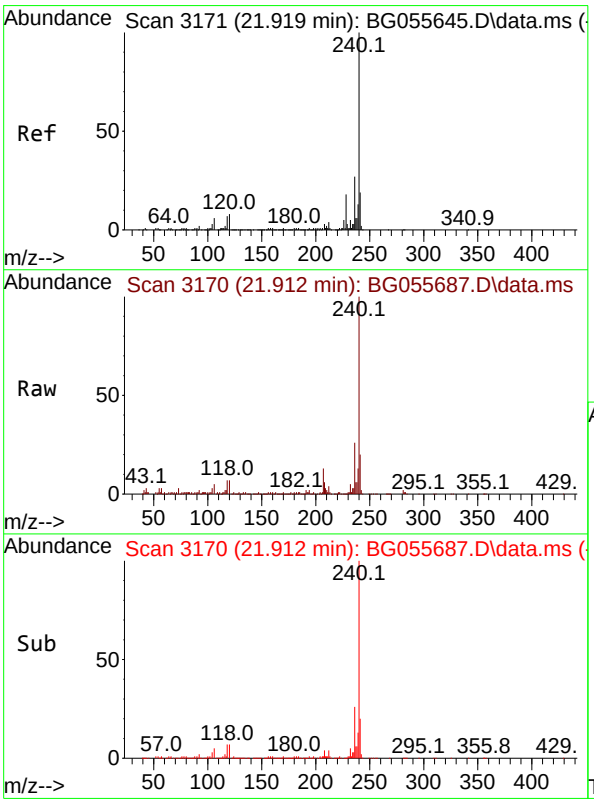
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:188 Resp: 210091

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.2
80	7.8	6.6	10.0

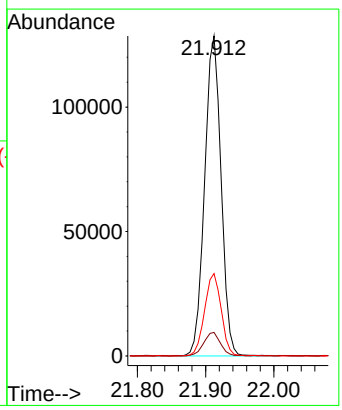


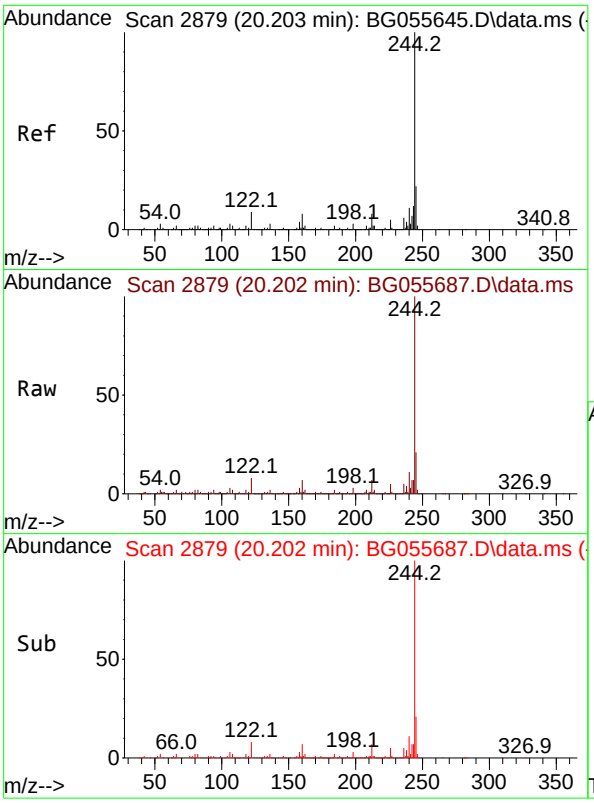


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:240 Resp: 215703

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.3	9.5
236	25.8	21.9	32.9



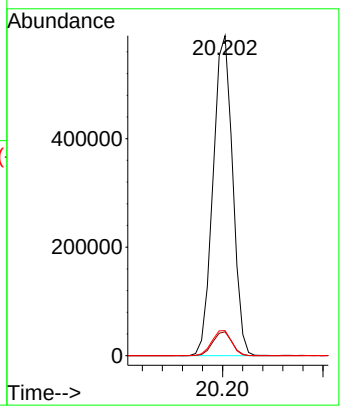


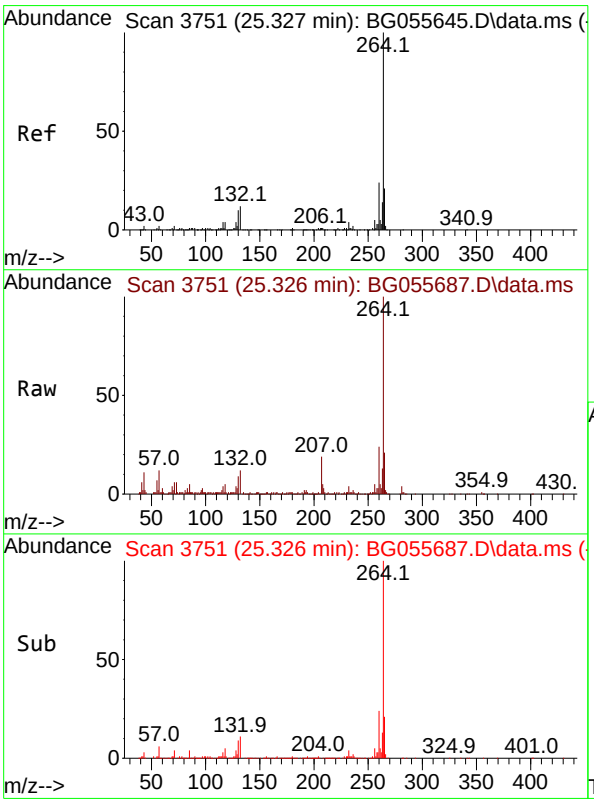
#79
Terphenyl-d14
Concen: 73.813 ng
RT: 20.202 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-0760533

Tgt Ion:244 Resp: 796038

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.3	9.5
122	7.9	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.326 min Scan# 3751
Delta R.T. -0.001 min
Lab File: BG055687.D
Acq: 18 Nov 2022 12:20

Tgt Ion:264 Resp: 228307

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.1	25.7