Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055861.D
Acq On : 1 Dec 2022 18:41
Operator : CG/JU
Sample : N5814-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Quant Time: Dec 02 04:11:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	40402	20.000	ng	0.00
21) Naphthalene-d8	11.034	136	164977	20.000	ng	0.00
39) Acenaphthene-d10	14.836	164	115605	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	251940	20.000	ng	0.00
76) Chrysene-d12	21.863	240	236277	20.000	ng	0.00
86) Perylene-d12	25.247	264	253551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.746	112	268637	120.184	ng	0.00
7) Phenol-d6	7.362	99	352798	118.570	ng	0.00
23) Nitrobenzene-d5	9.383	82	225245	72.163	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	185041	113.671	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	573673	74.342	ng	0.00
79) Terphenyl-d14	20.159	244	886030	75.004	ng	0.00
Target Compounds						Qvalue

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

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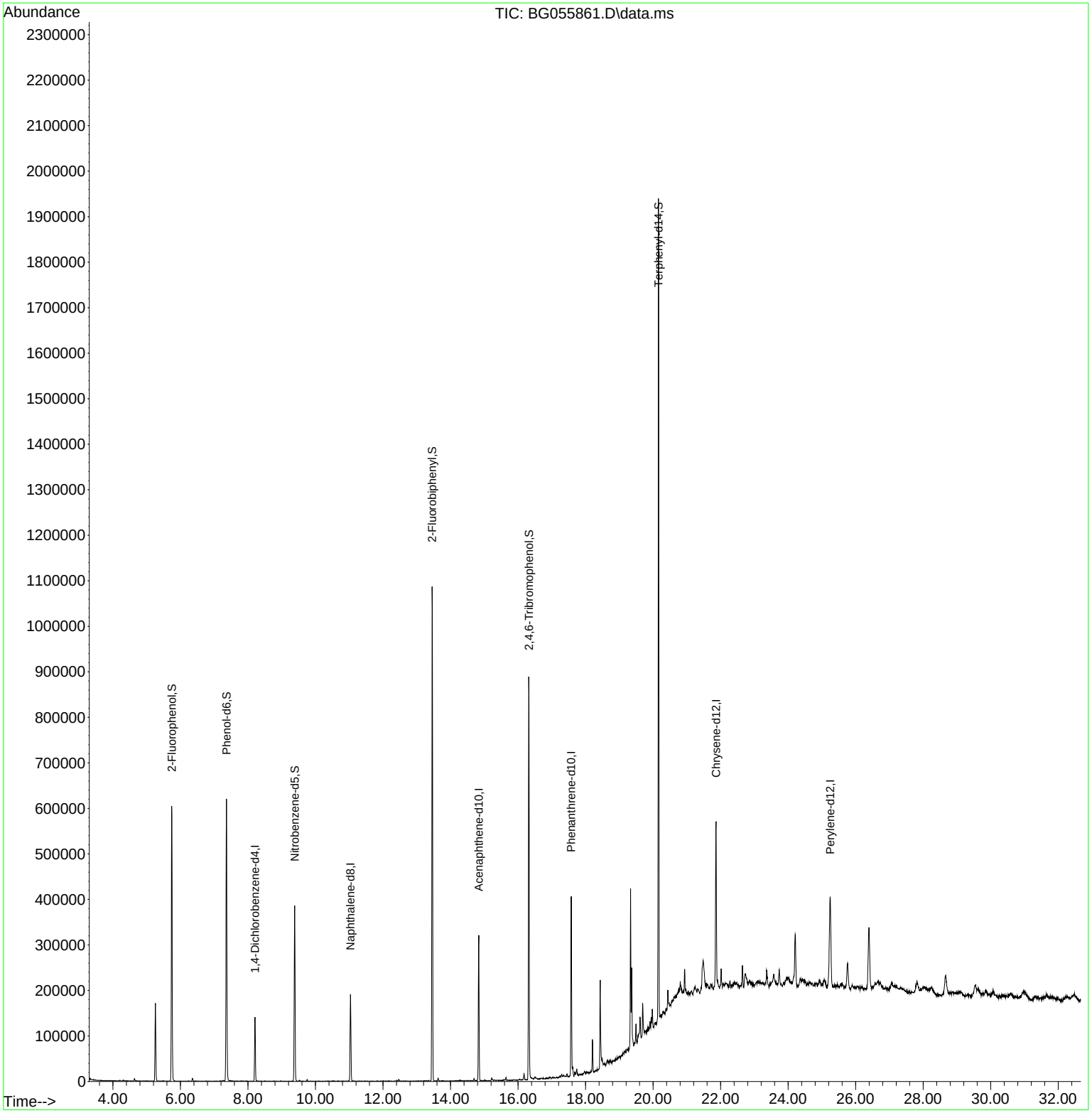
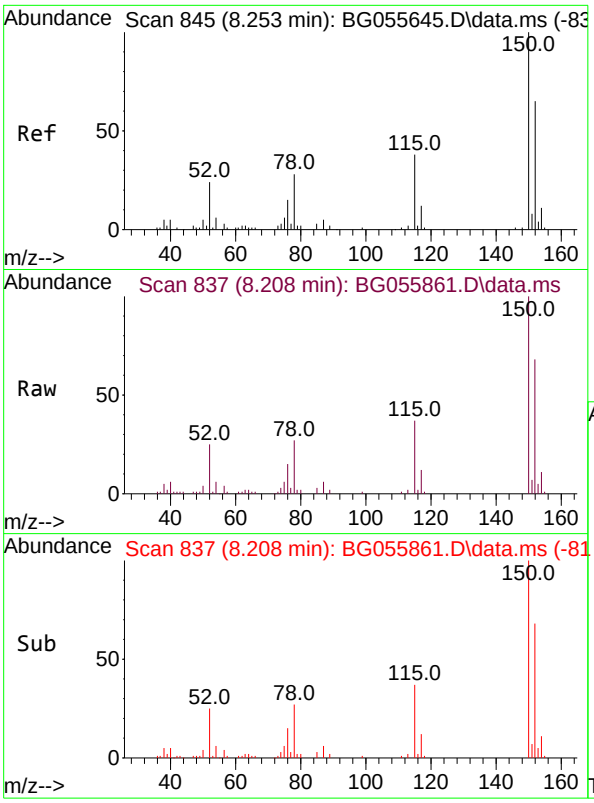


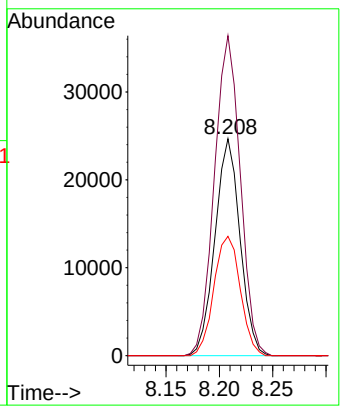


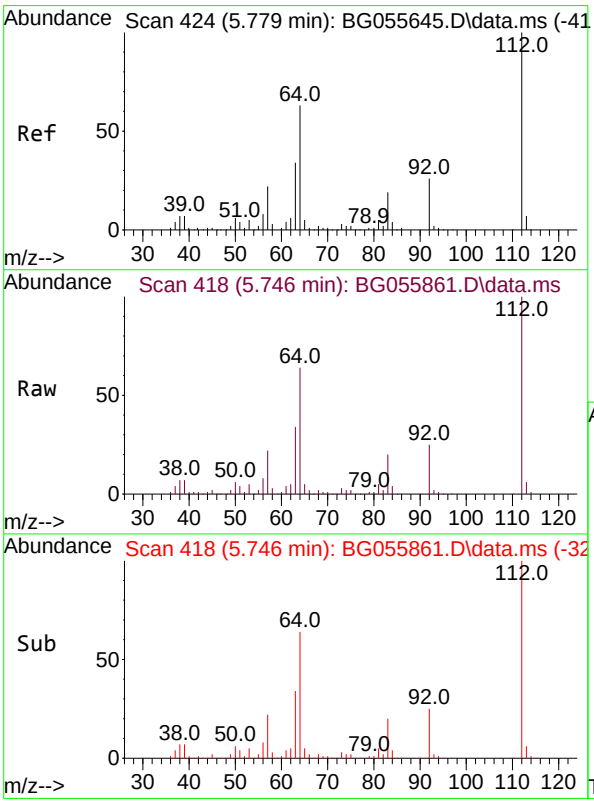
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 8
Delta R.T. 0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion:152 Resp: 40402

Ion	Ratio	Lower	Upper
152	100		
150	147.5	123.0	184.6
115	55.0	47.0	70.4

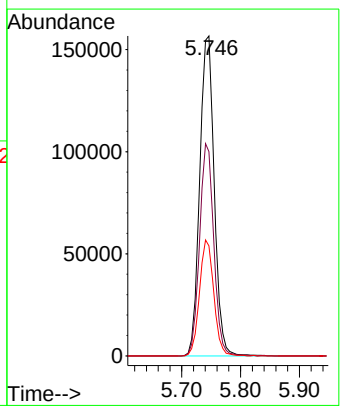


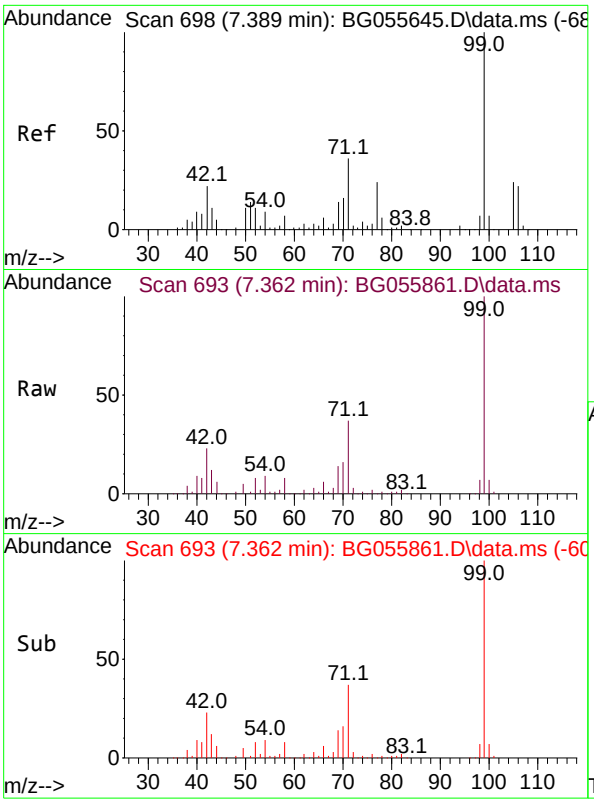


#5
2-Fluorophenol
Concen: 120.184 ng
RT: 5.746 min Scan# 418
Delta R.T. 0.008 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:112 Resp: 268637

Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.6	76.0
63	34.4	27.5	41.3



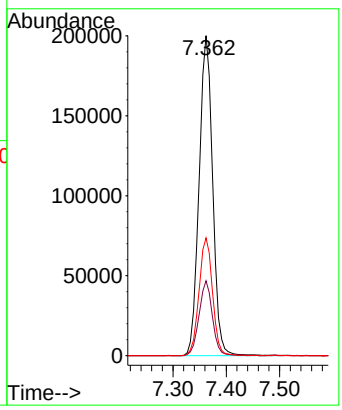


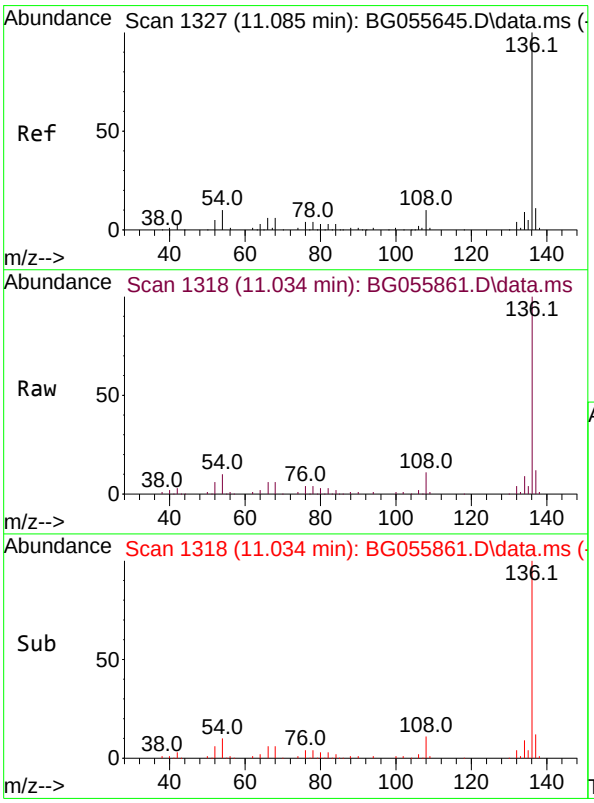
#7
Phenol-d6
Concen: 118.570 ng
RT: 7.362 min Scan# 69
Delta R.T. 0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion: 99 Resp: 352798

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.0	27.0
71	36.8	29.0	43.6

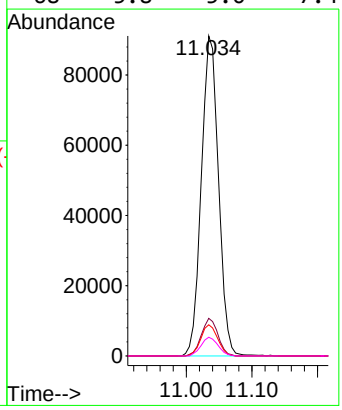


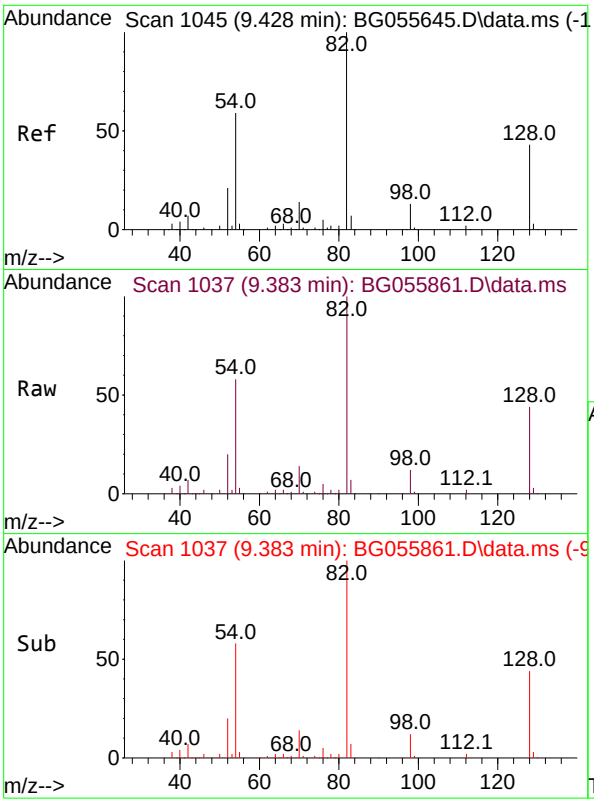


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1318
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:136 Resp: 164977

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	9.7	7.8	11.6
68	5.8	5.0	7.4



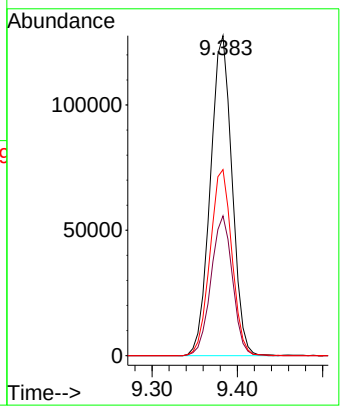


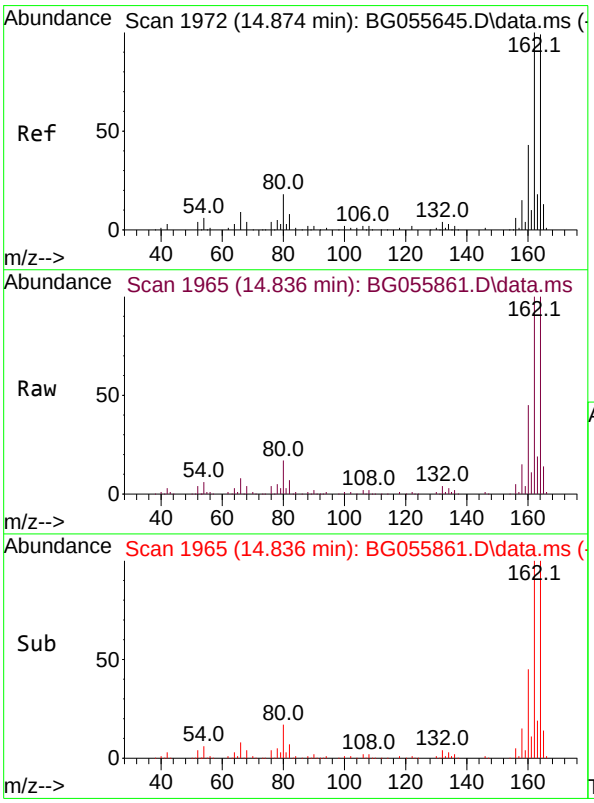
#23
Nitrobenzene-d5
Concen: 72.163 ng
RT: 9.383 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion: 82 Resp: 225245

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.1	51.1
54	58.1	47.3	70.9

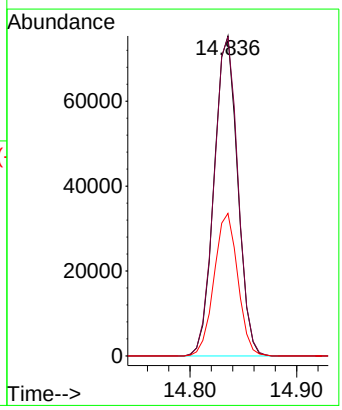


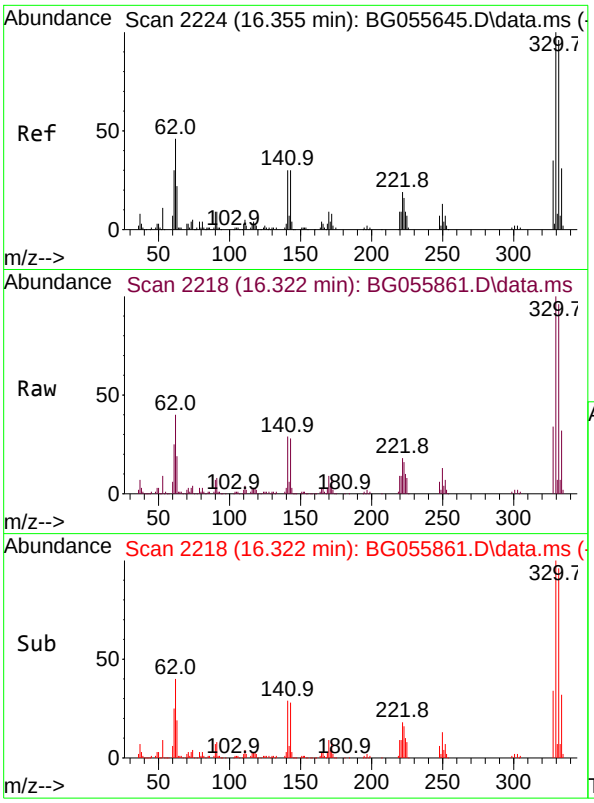


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.836 min Scan# 1965
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:164 Resp: 115605

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.1	121.7
160	44.5	34.8	52.2



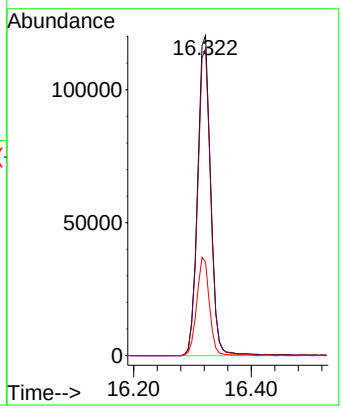


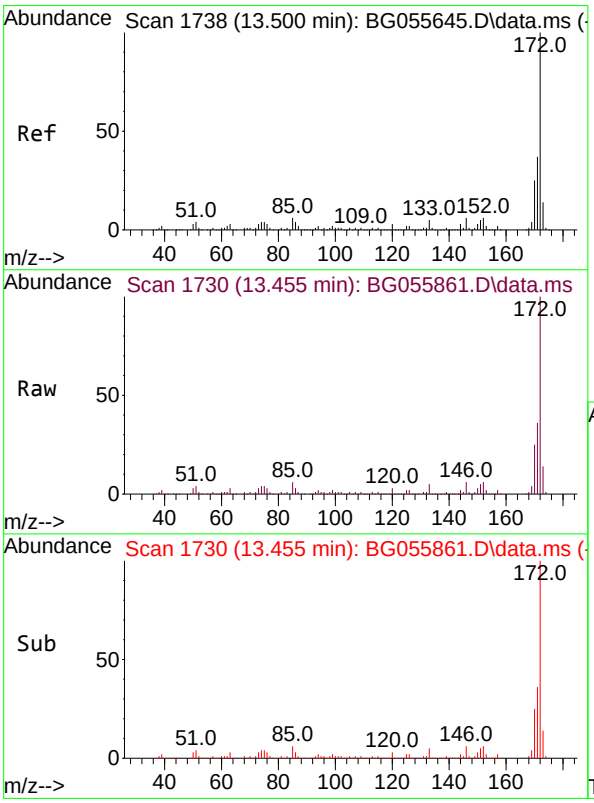
#42
2,4,6-Tribromophenol
Concen: 113.671 ng
RT: 16.322 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion:330 Resp: 185041

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	29.7	23.9	35.9

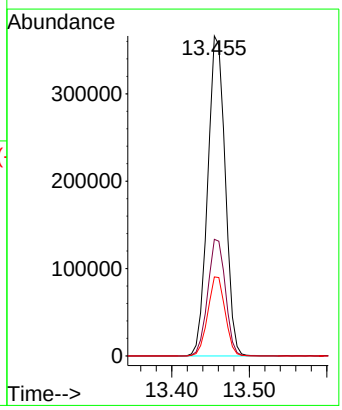


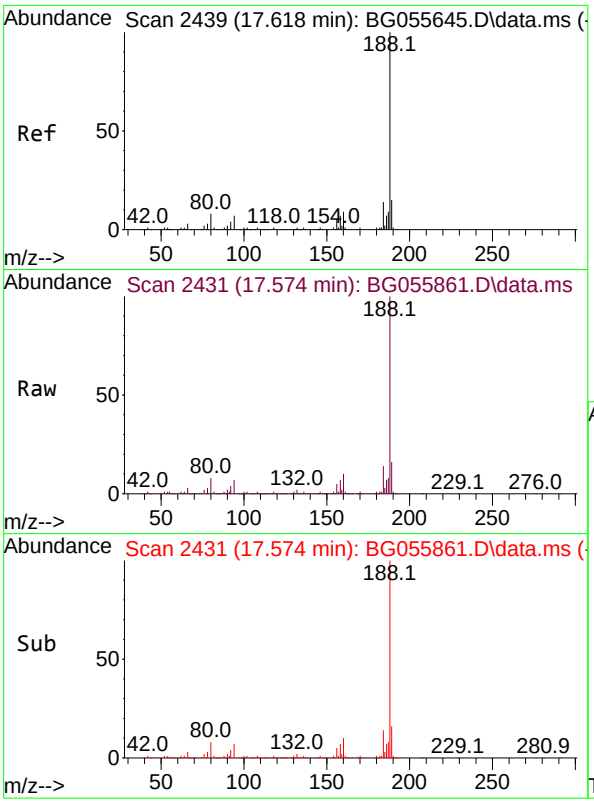


#45
2-Fluorobiphenyl
Concen: 74.342 ng
RT: 13.455 min Scan# 1730
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:172 Resp: 573673

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.7	20.2	30.4



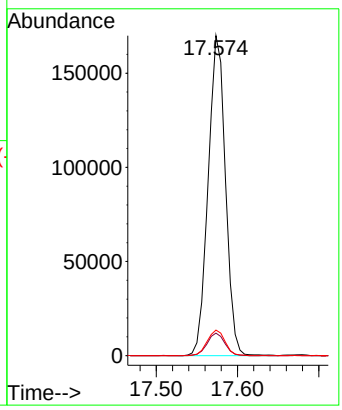


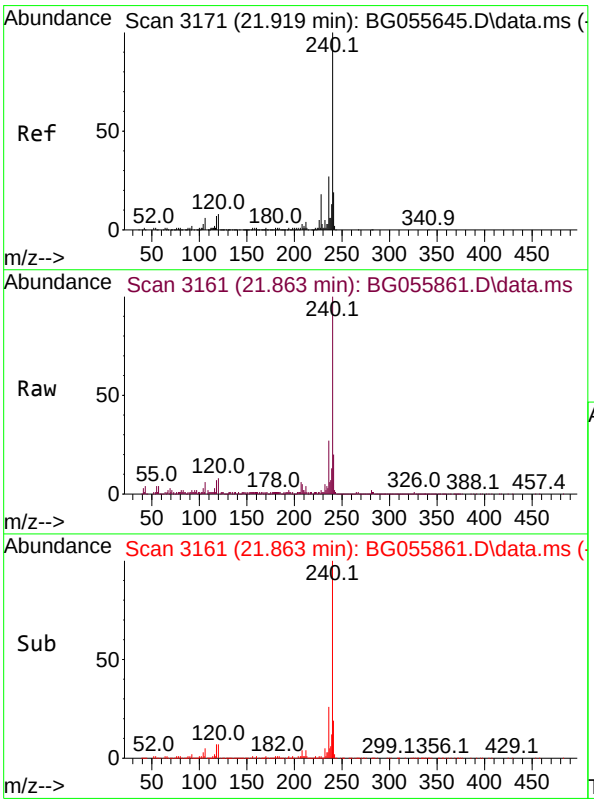
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion:188 Resp: 251940

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.2
80	8.0	6.6	10.0

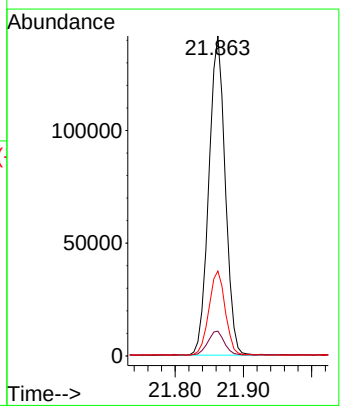


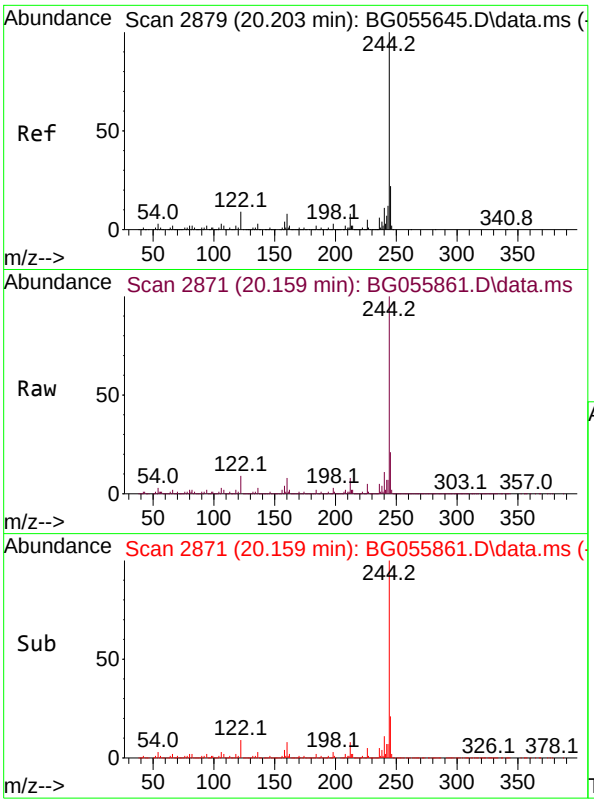


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.863 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:240 Resp: 236277

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.3	9.5
236	26.5	21.9	32.9



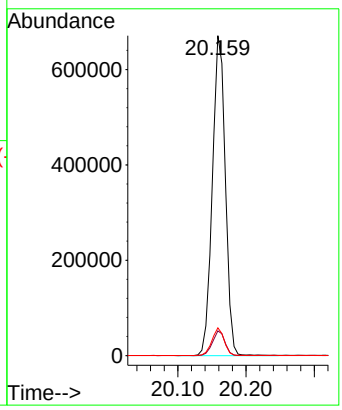


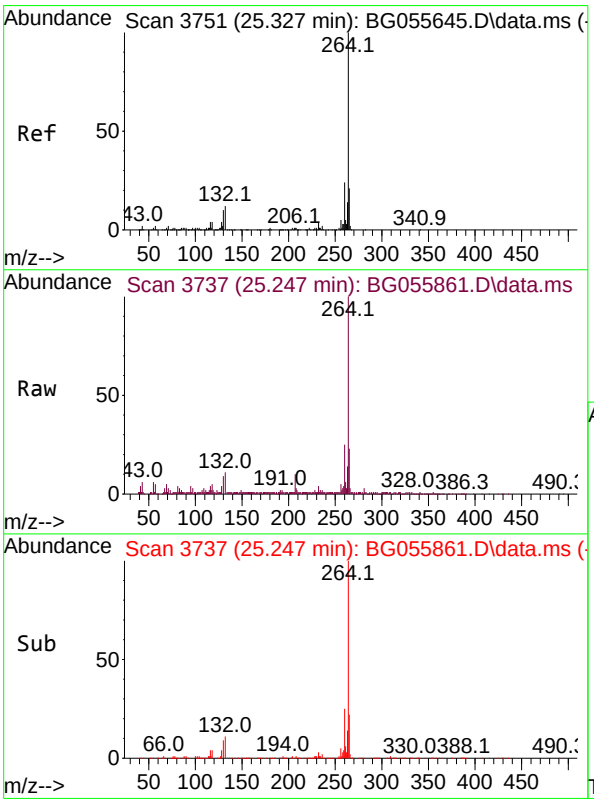
#79
Terphenyl-d14
Concen: 75.004 ng
RT: 20.159 min Scan# 28
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Instrument :
BNA_G
ClientSampleId :
NB-08-113022

Tgt Ion:244 Resp: 886030

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.7	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.247 min Scan# 3737
Delta R.T. -0.003 min
Lab File: BG055861.D
Acq: 1 Dec 2022 18:41

Tgt Ion:264 Resp: 253551

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	23.1	17.1	25.7