Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055886.D
Acq On : 5 Dec 2022 15:45
Operator : CG/JU
Sample : N5870-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ML-4

Quant Time: Dec 06 04:46:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.173	152	27580	20.000	ng	0.00
21) Naphthalene-d8	10.999	136	113704	20.000	ng	0.00
39) Acenaphthene-d10	14.806	164	85252	20.000	ng	0.00
64) Phenanthrene-d10	17.544	188	211871	20.000	ng	0.00
76) Chrysene-d12	21.827	240	209521	20.000	ng	0.00
86) Perylene-d12	25.182	264	223357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	229075	150.130	ng	0.00
7) Phenol-d6	7.333	99	297839	146.636	ng	0.00
23) Nitrobenzene-d5	9.348	82	186277	86.590	ng	0.00
42) 2,4,6-Tribromophenol	16.293	330	167210	139.288	ng	0.00
45) 2-Fluorobiphenyl	13.425	172	444954	78.191	ng	0.00
79) Terphenyl-d14	20.135	244	822628	78.530	ng	0.00
Target Compounds						Qvalue

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

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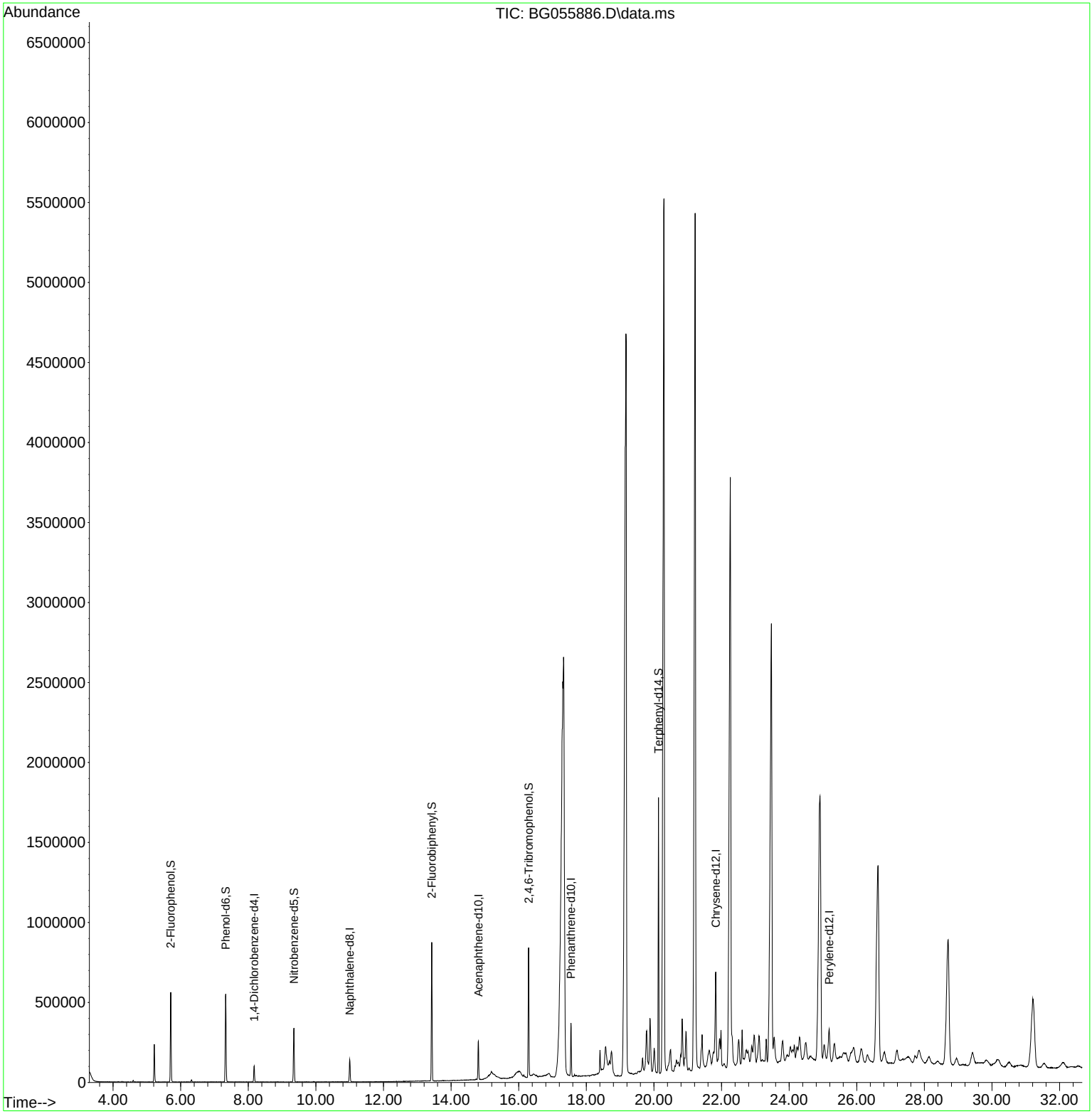
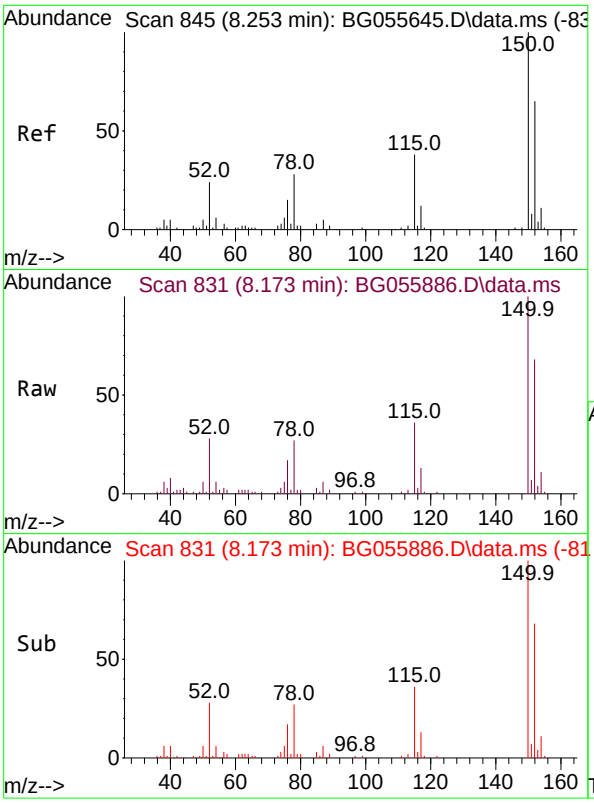


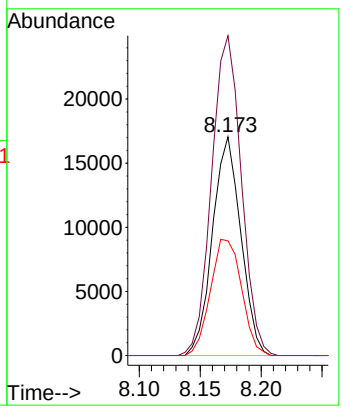


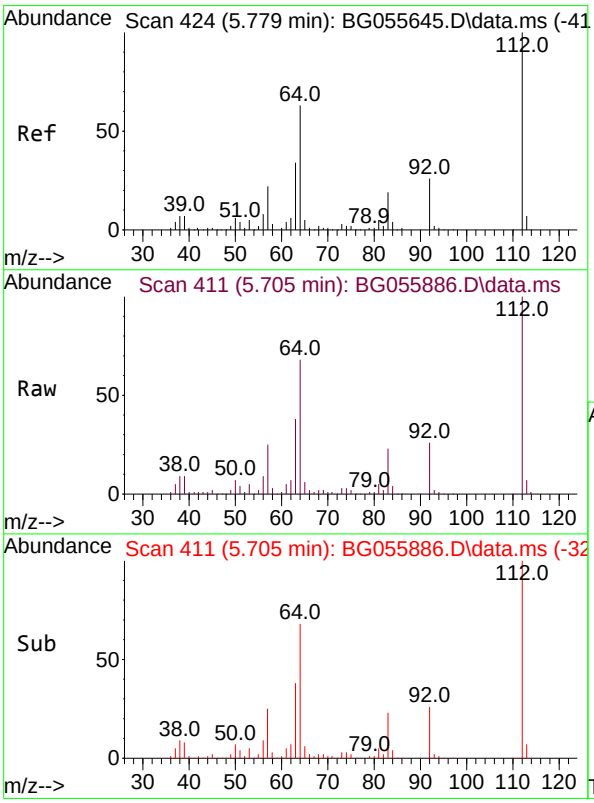
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.173 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion:152 Resp: 27580

Ion	Ratio	Lower	Upper
152	100		
150	146.3	123.0	184.6
115	52.5	47.0	70.4

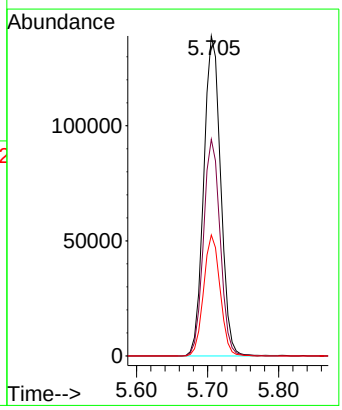


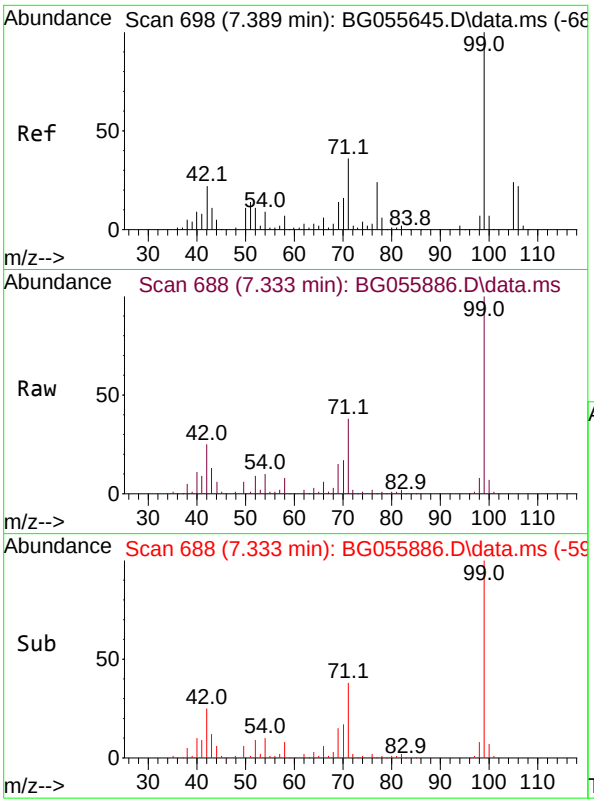


#5
2-Fluorophenol
Concen: 150.130 ng
RT: 5.705 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:112 Resp: 229075

Ion	Ratio	Lower	Upper
112	100		
64	67.7	50.6	76.0
63	37.8	27.5	41.3



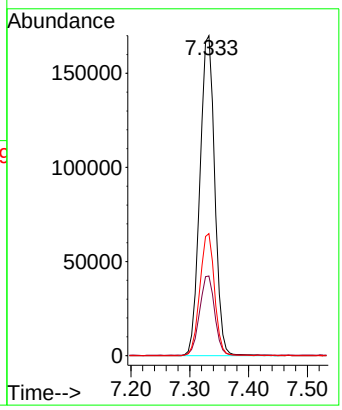


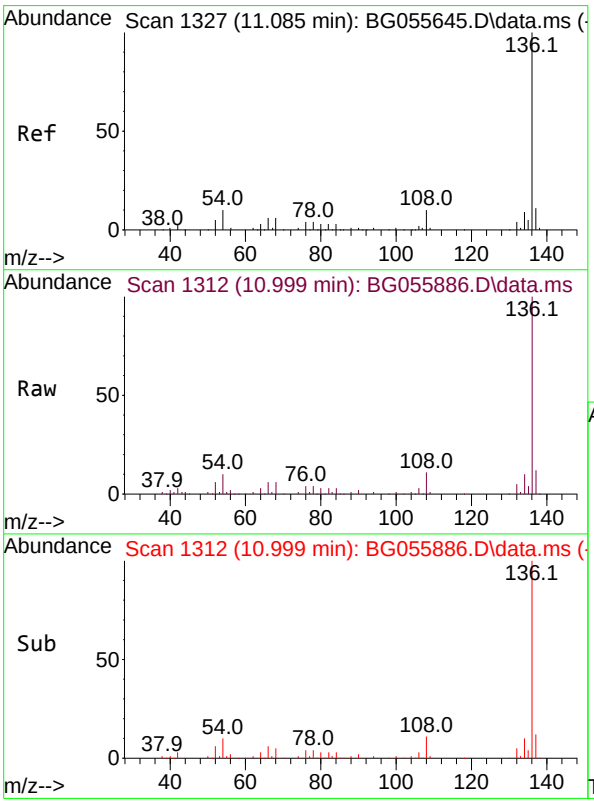
#7
Phenol-d6
Concen: 146.636 ng
RT: 7.333 min Scan# 68
Delta R.T. 0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion: 99 Resp: 297839

Ion	Ratio	Lower	Upper
99	100		
42	24.9	18.0	27.0
71	38.1	29.0	43.6

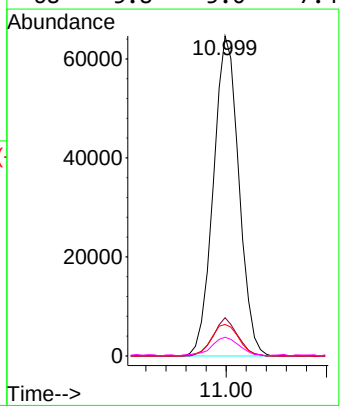


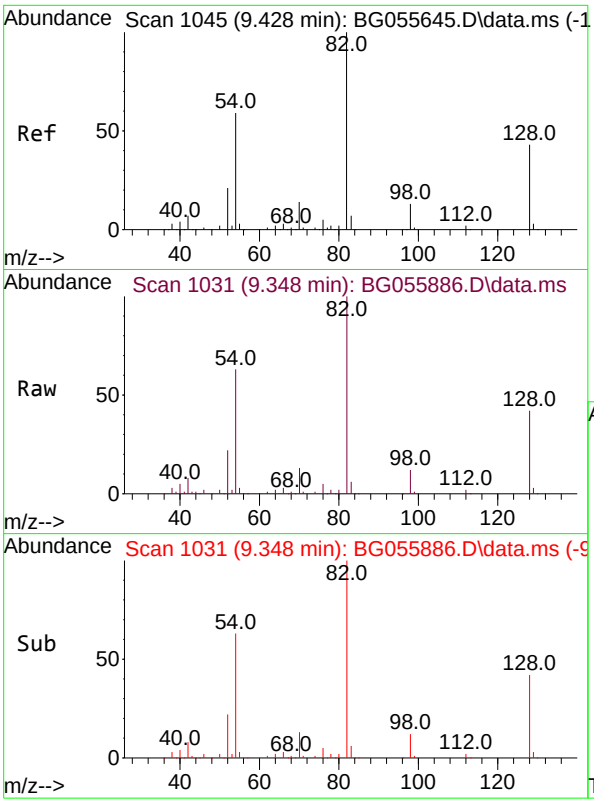


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.999 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:136 Resp: 113704

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	9.8	7.8	11.6
68	5.8	5.0	7.4



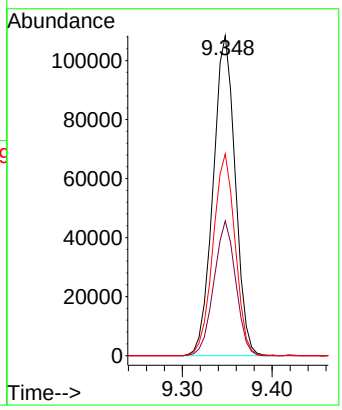


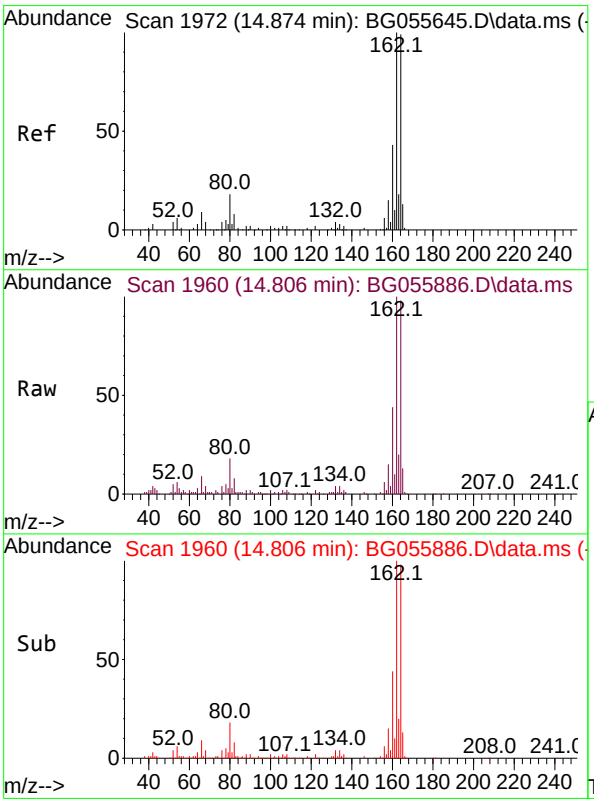
#23
Nitrobenzene-d5
Concen: 86.590 ng
RT: 9.348 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion: 82 Resp: 186277

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	63.0	47.3	70.9

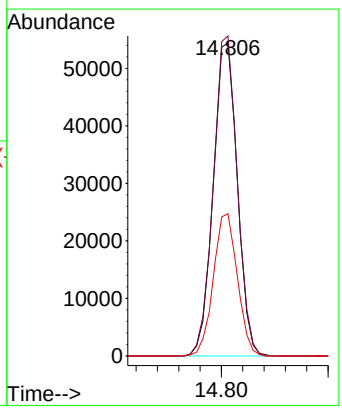


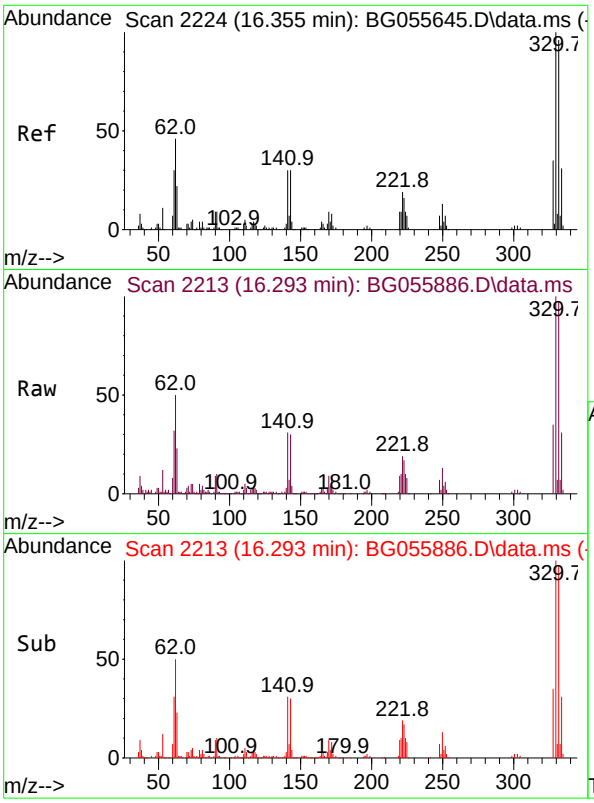


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.806 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:164 Resp: 85252

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.1	121.7
160	45.4	34.8	52.2



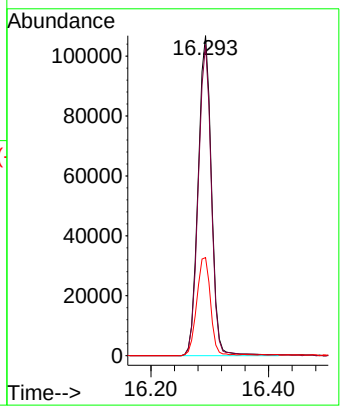


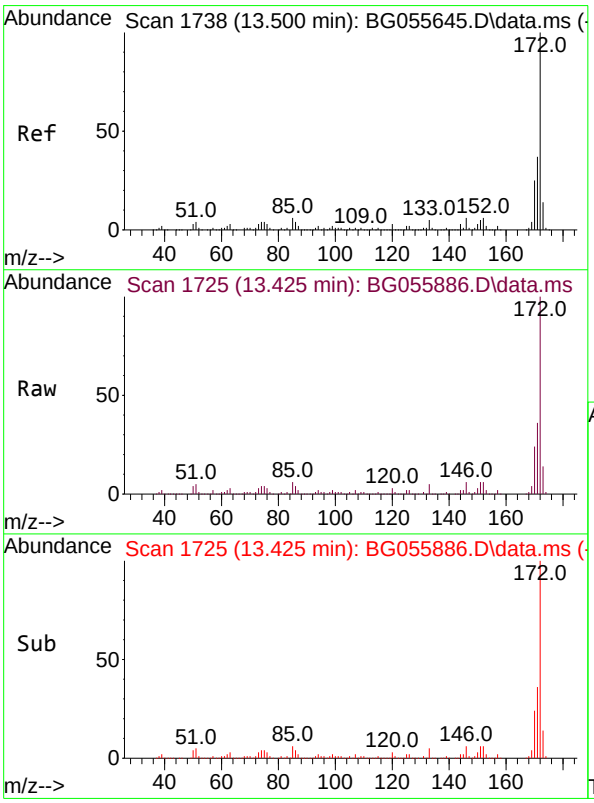
#42
2,4,6-Tribromophenol
Concen: 139.288 ng
RT: 16.293 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion:330 Resp: 167210

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.8	116.8
141	31.8	23.9	35.9

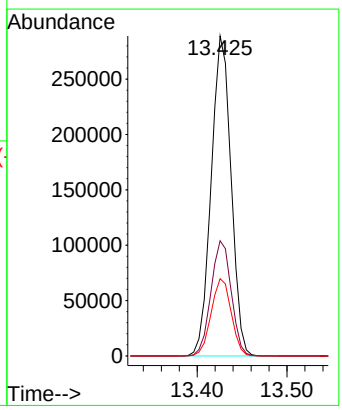


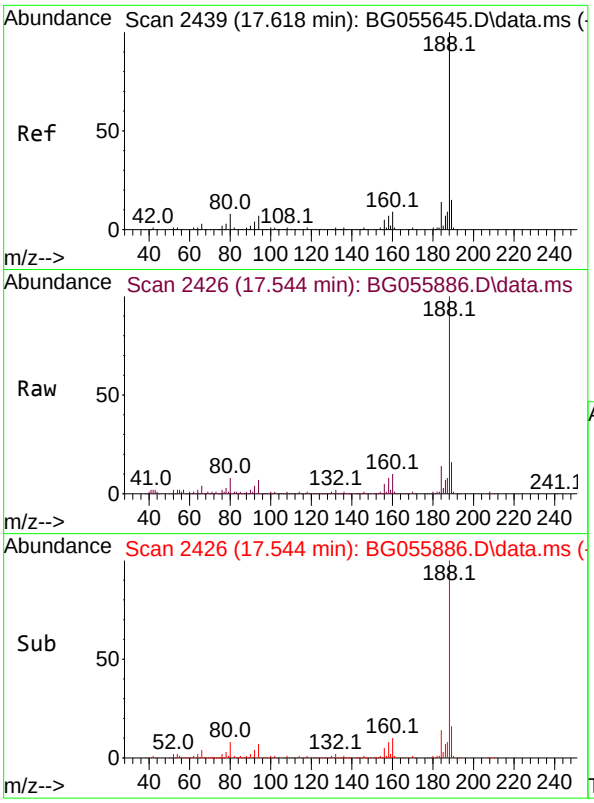


#45
2-Fluorobiphenyl
Concen: 78.191 ng
RT: 13.425 min Scan# 1725
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:172 Resp: 444954

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.1	20.2	30.4



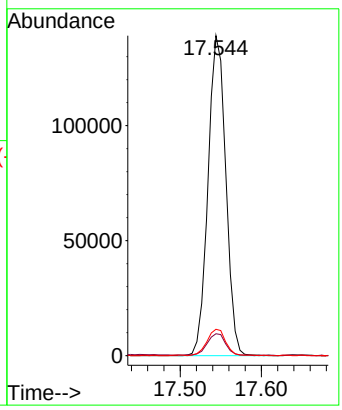


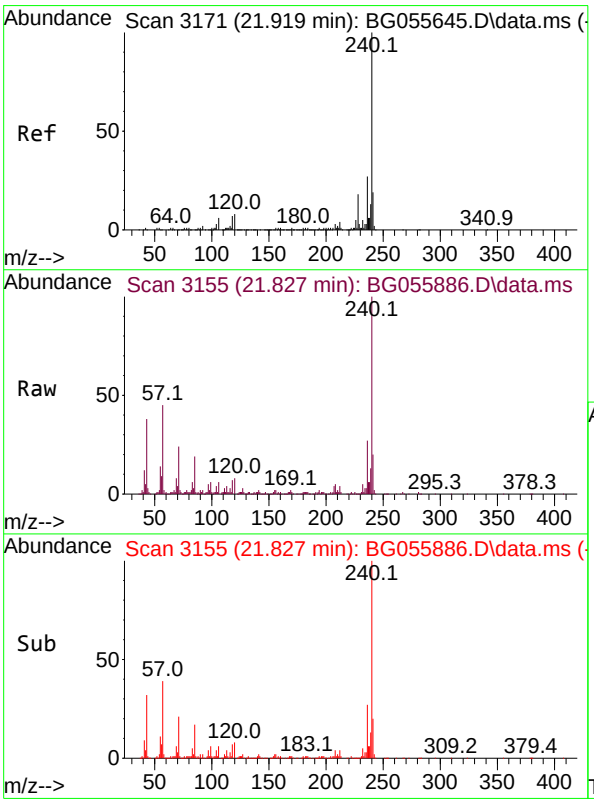
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.544 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion:188 Resp: 211871

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.4	8.2
80	8.2	6.6	10.0

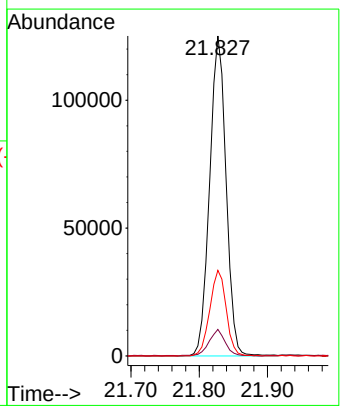


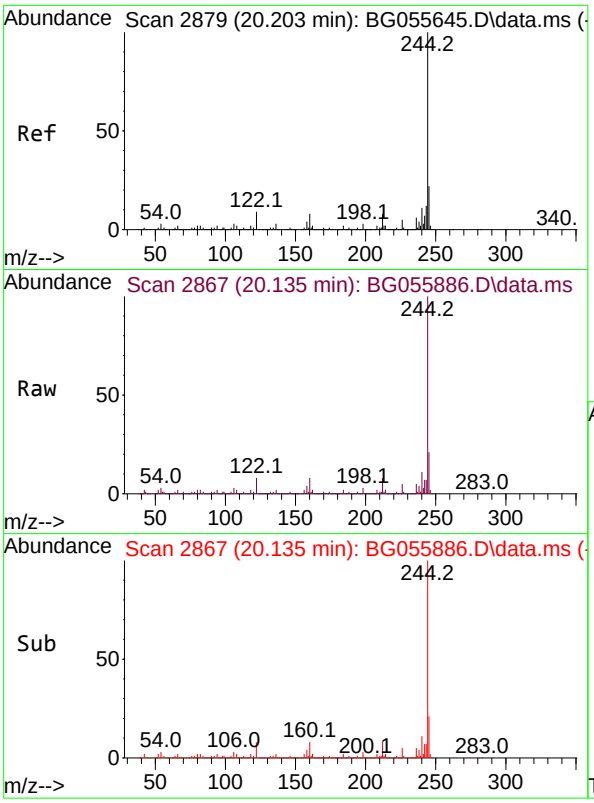


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.827 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:240 Resp: 209521

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.3	9.5
236	26.7	21.9	32.9



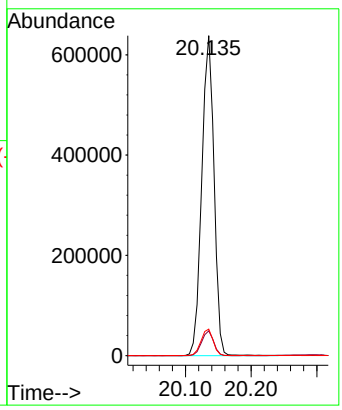


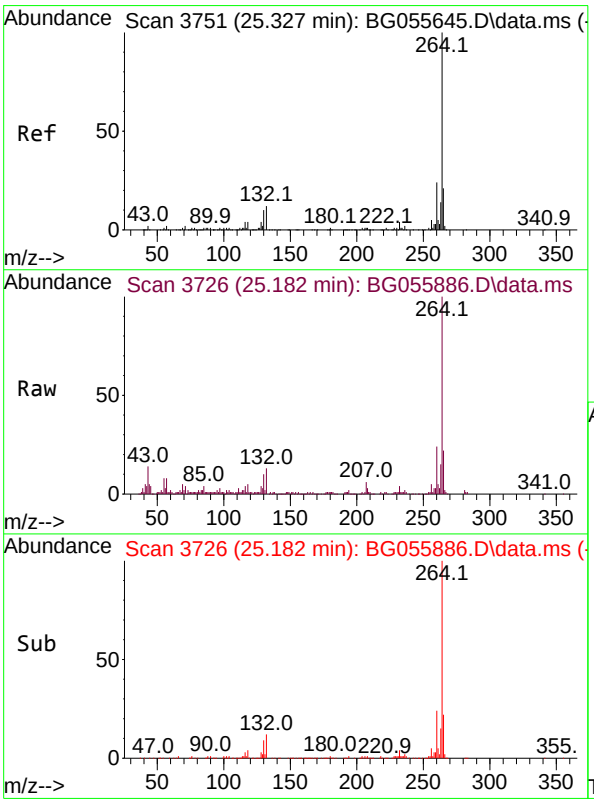
#79
Terphenyl-d14
Concen: 78.530 ng
RT: 20.135 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Instrument :
BNA_G
ClientSampleId :
ML-4

Tgt Ion:244 Resp: 822628

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.3	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.182 min Scan# 3726
Delta R.T. 0.003 min
Lab File: BG055886.D
Acq: 5 Dec 2022 15:45

Tgt Ion:264 Resp: 223357

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	17.1	25.7