Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020822\
Data File : BG052314.D
Acq On : 8 Feb 2022 11:51
Operator : CG/JU
Sample : N1381-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Quant Time: Feb 08 12:25:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	34183	20.000	ng	0.00
21) Naphthalene-d8	11.066	136	130063	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	76906	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	165162	20.000	ng	# 0.01
76) Chrysene-d12	21.974	240	173324	20.000	ng	# 0.03
86) Perylene-d12	25.452	264	170742	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	176453	89.967	ng	0.01
7) Phenol-d6	7.371	99	248293	82.048	ng	0.00
23) Nitrobenzene-d5	9.397	82	188061	62.841	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	92852	84.038	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	371196	67.067	ng	0.00
79) Terphenyl-d14	20.241	244	590865	60.199	ng	0.03
Target Compounds						Qvalue

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

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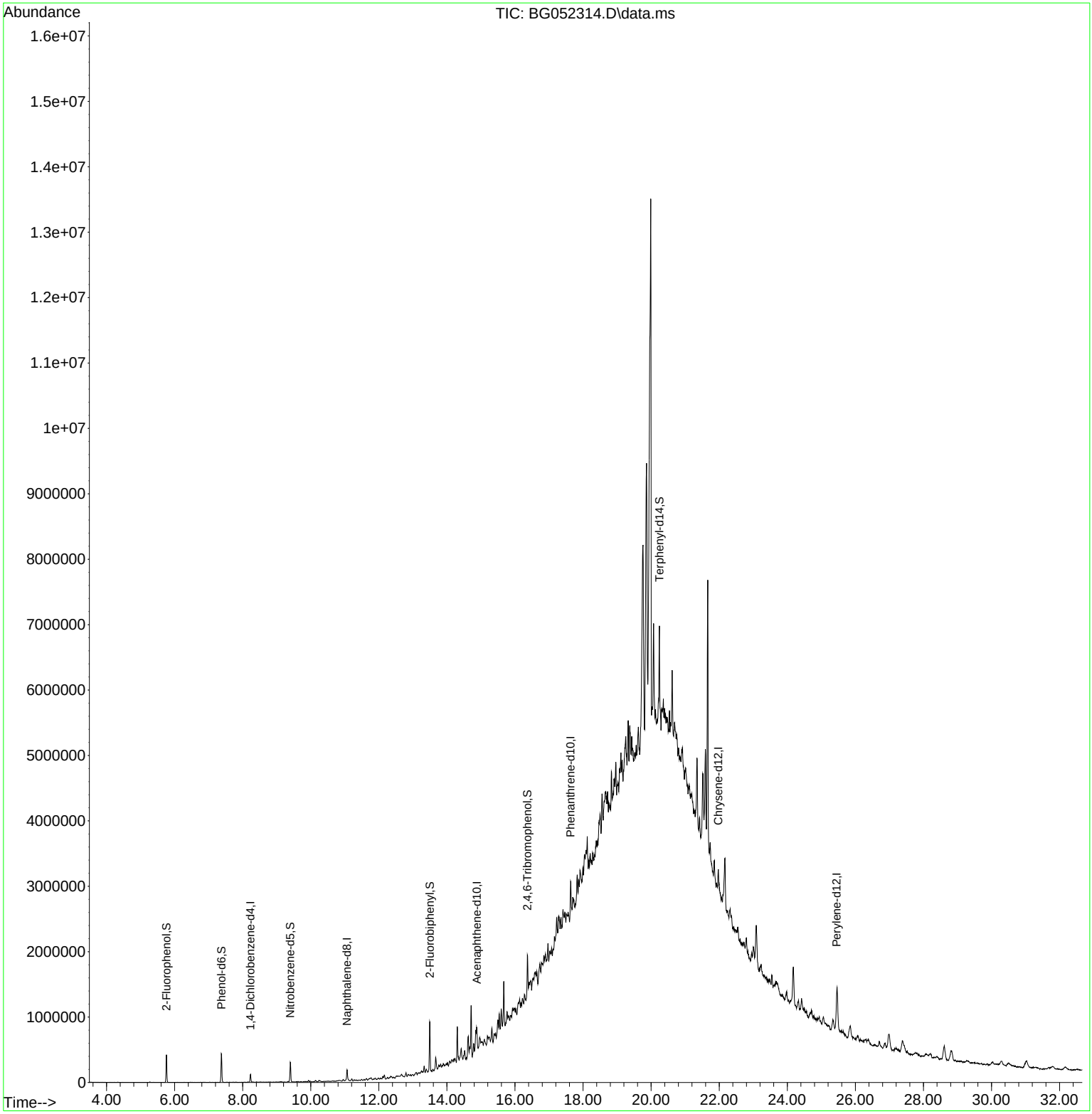
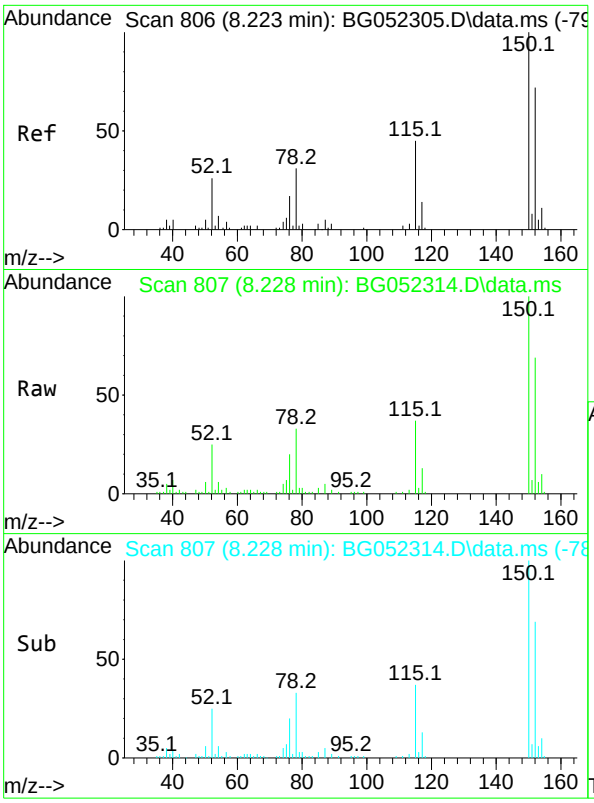


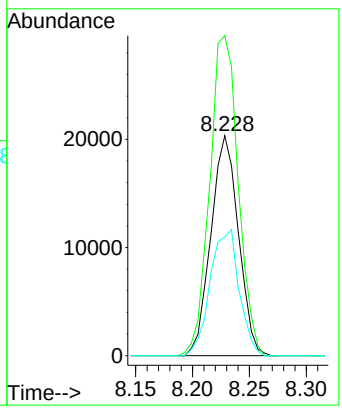


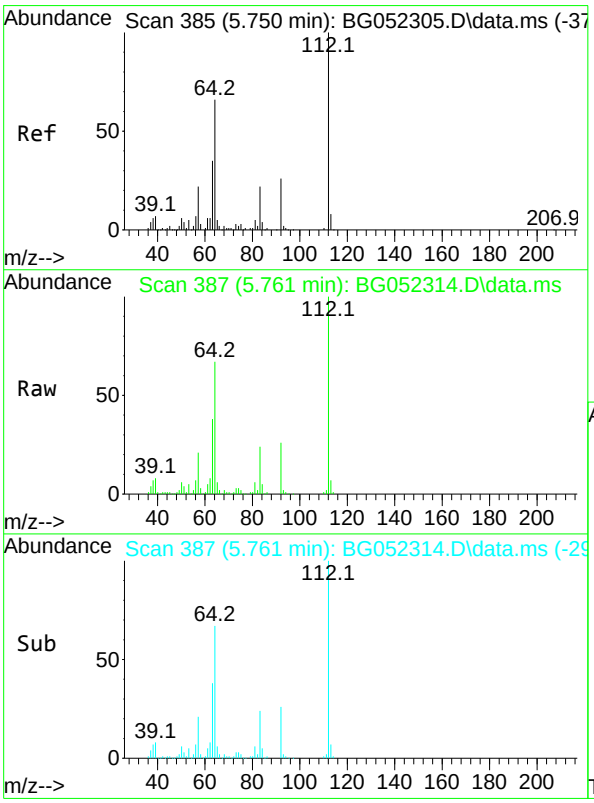
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.228 min Scan# 8(
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion:152 Resp: 34183

Ion	Ratio	Lower	Upper
152	100		
150	145.4	117.8	176.8
115	53.9	50.2	75.2

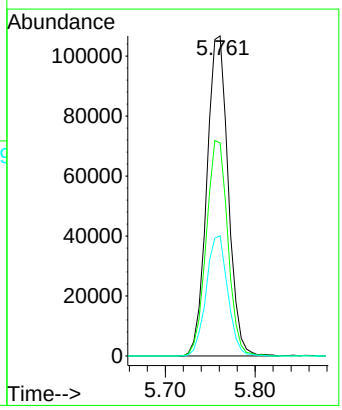


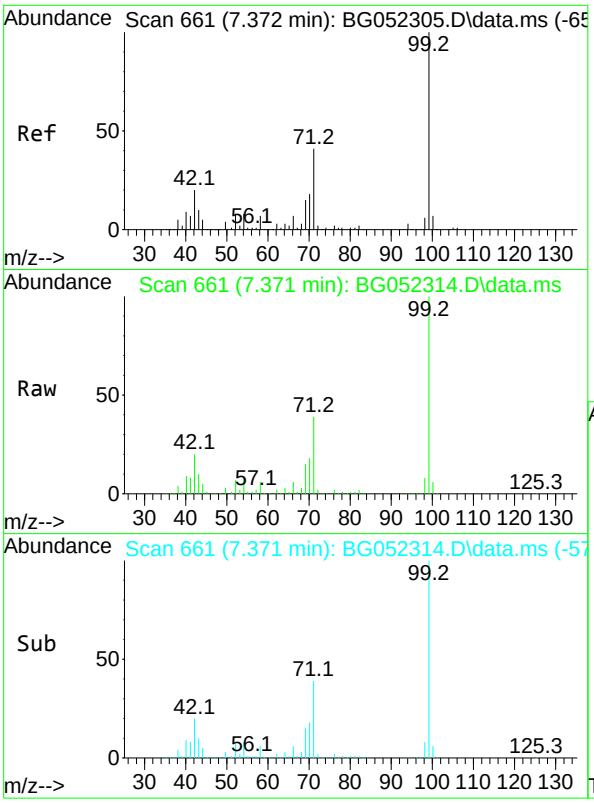


#5
2-Fluorophenol
Concen: 89.967 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.011 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:112 Resp: 176453

Ion	Ratio	Lower	Upper
112	100		
64	66.6	60.4	90.6
63	37.6	33.3	49.9



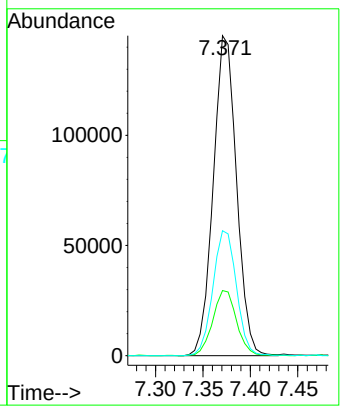


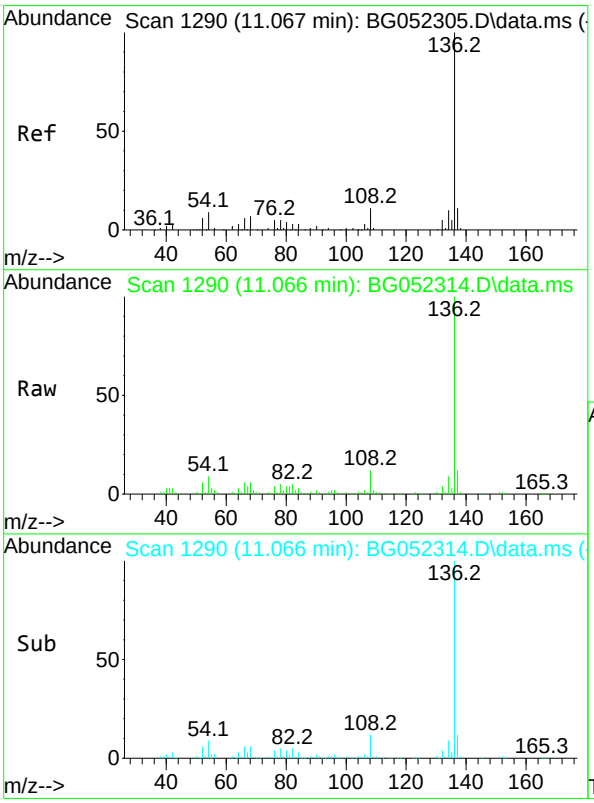
#7
Phenol-d6
Concen: 82.048 ng
RT: 7.371 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion: 99 Resp: 248293

Ion	Ratio	Lower	Upper
99	100		
42	20.4	19.1	28.7
71	39.0	33.4	50.2

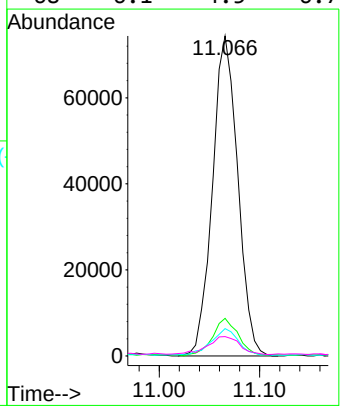


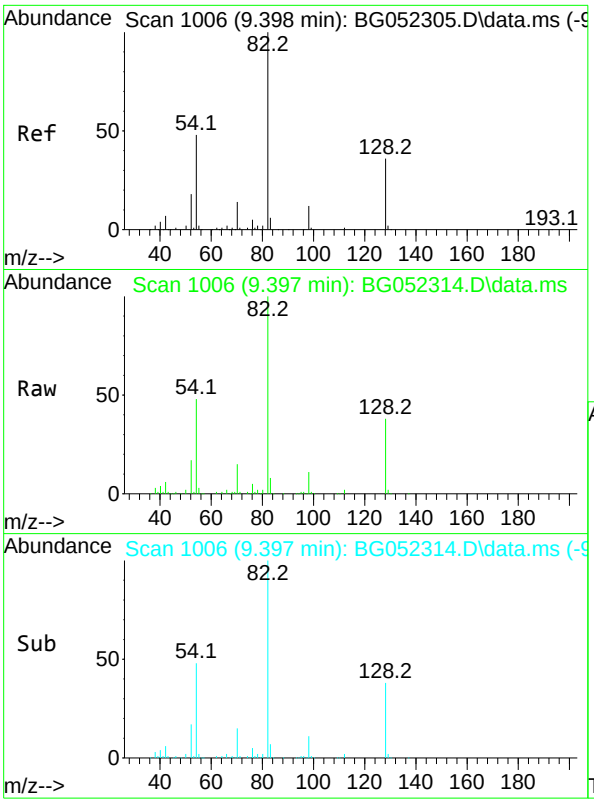


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.066 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:136 Resp: 130063

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	8.6	8.3	12.5
68	6.1	4.5	6.7



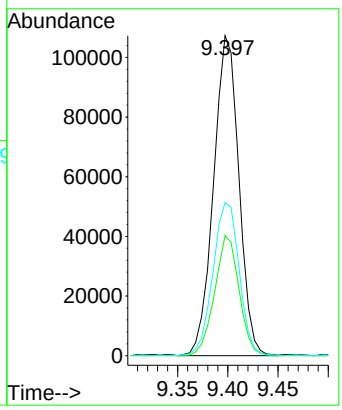


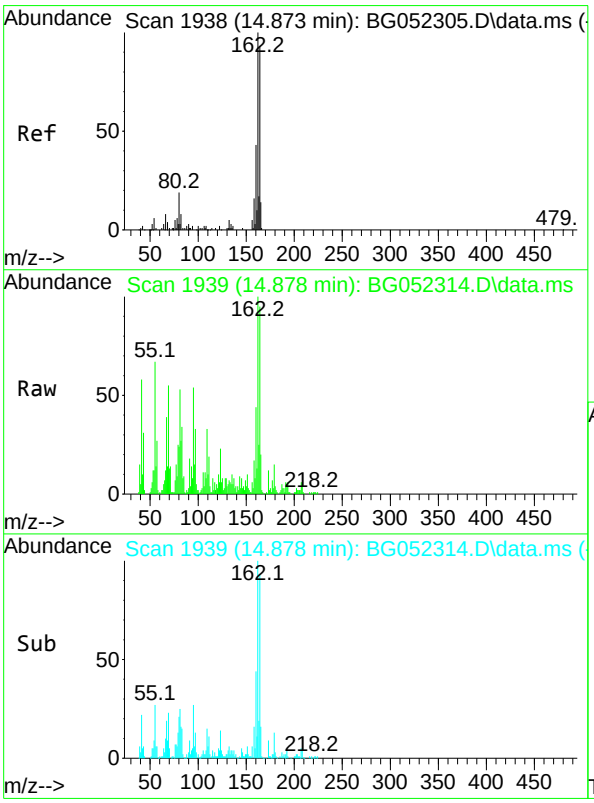
#23
Nitrobenzene-d5
Concen: 62.841 ng
RT: 9.397 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion: 82 Resp: 188061

Ion	Ratio	Lower	Upper
82	100		
128	37.6	27.0	40.4
54	47.9	41.0	61.6

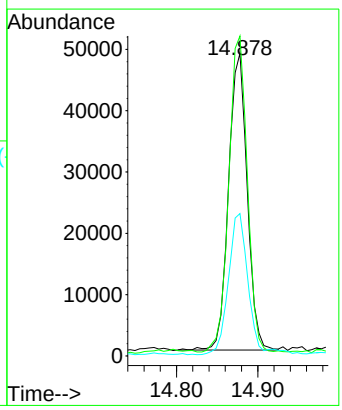


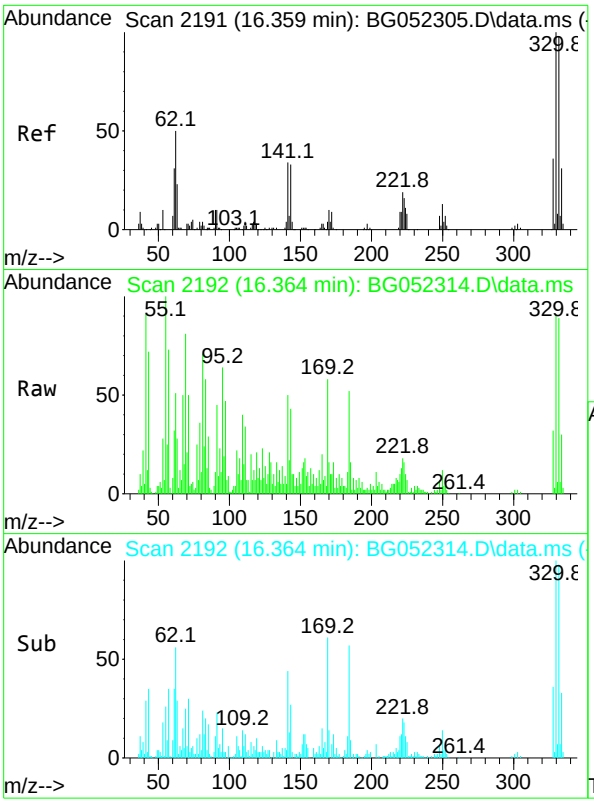


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1939
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:164 Resp: 76906

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.2
160	47.0	36.2	54.2



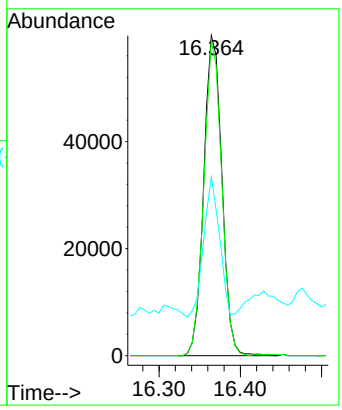


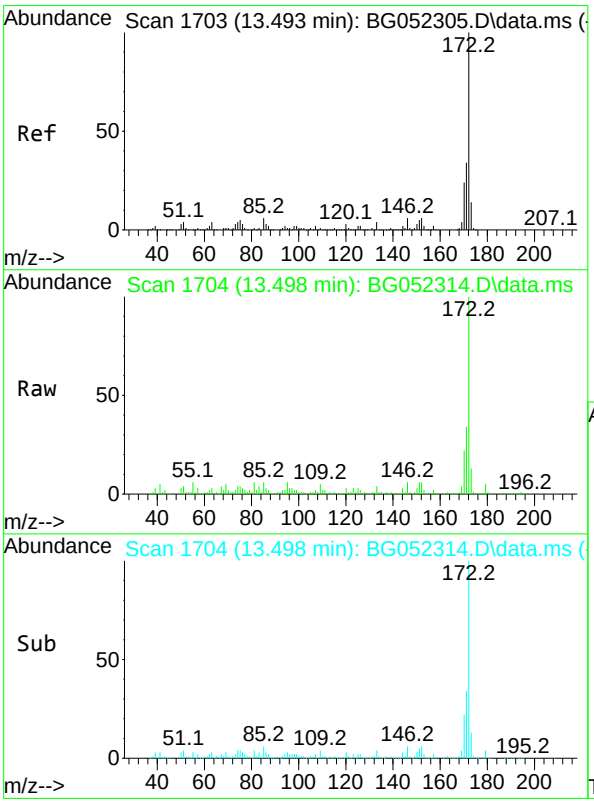
#42
2,4,6-Tribromophenol
Concen: 84.038 ng
RT: 16.364 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion:330 Resp: 92852

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	38.4	28.8	43.2

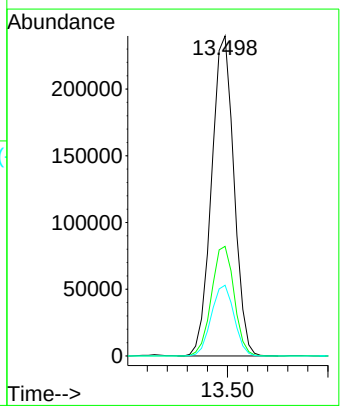


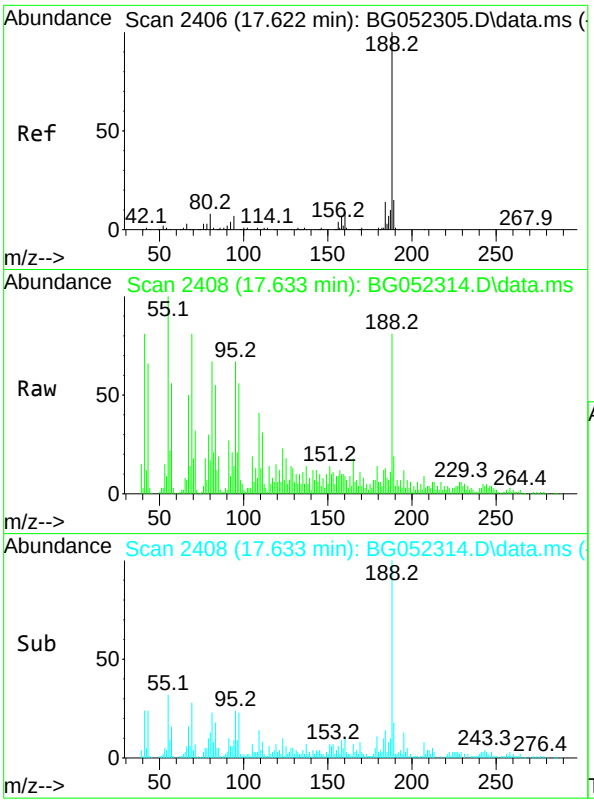


#45
2-Fluorobiphenyl
Concen: 67.067 ng
RT: 13.498 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:172 Resp: 371196

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.3	42.5
170	22.1	18.3	27.5



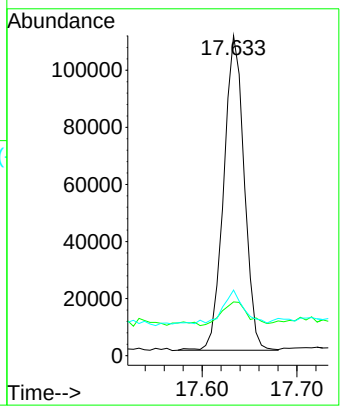


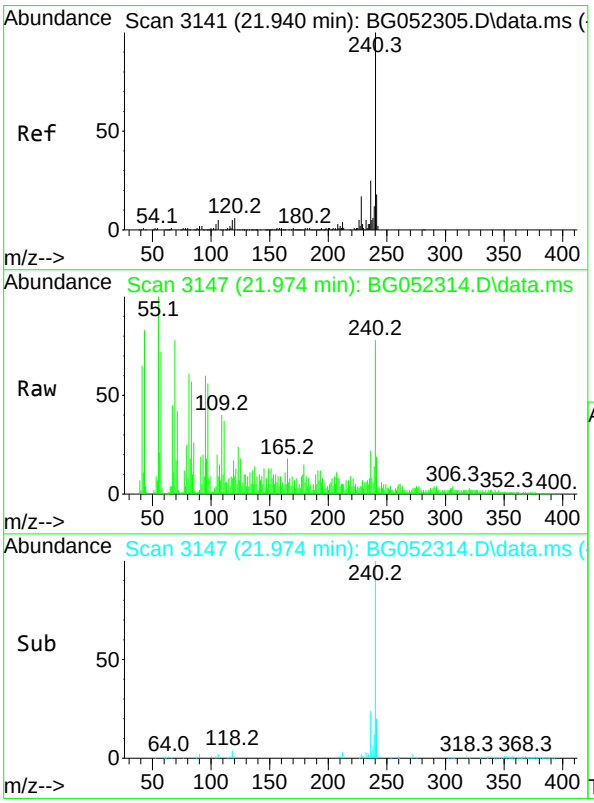
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 24
Delta R.T. 0.011 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion:188 Resp: 165162

Ion	Ratio	Lower	Upper
188	100		
94	16.8	5.9	8.9#
80	20.5	6.6	10.0#

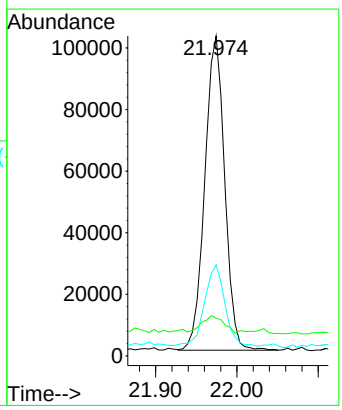


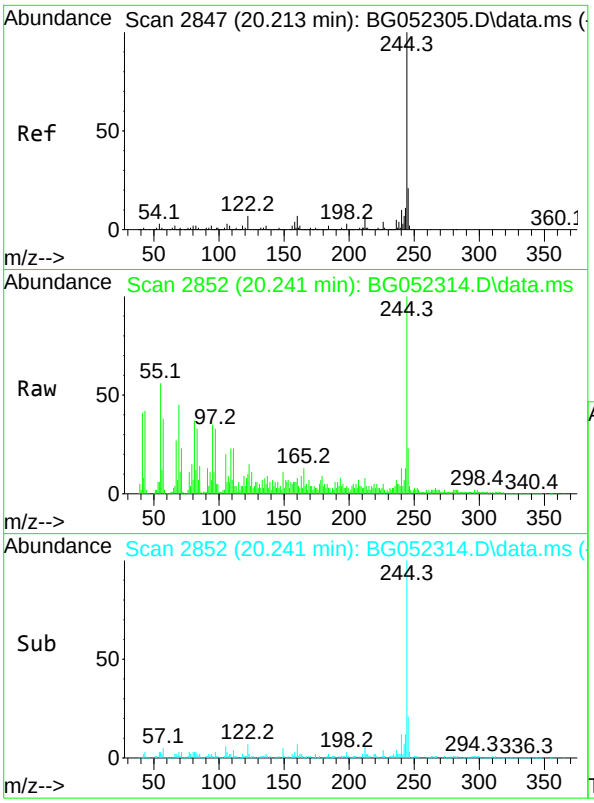


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.974 min Scan# 3147
Delta R.T. 0.034 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:240 Resp: 173324

Ion	Ratio	Lower	Upper
240	100		
120	11.8	4.4	6.6#
236	28.4	20.8	31.2



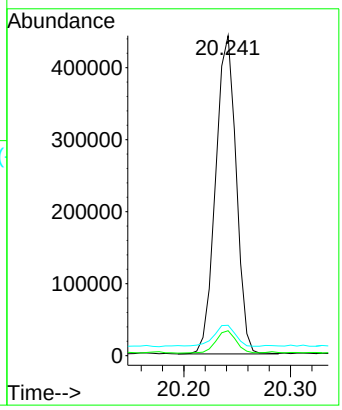


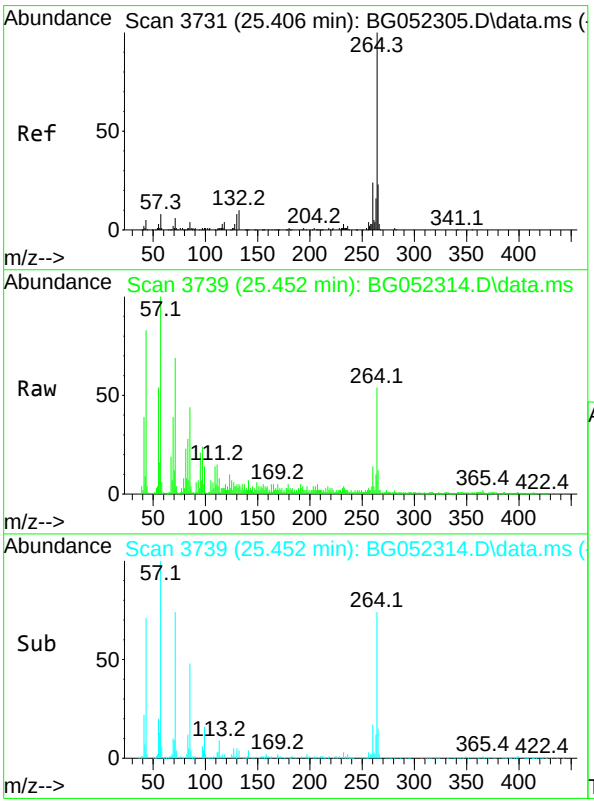
#79
Terphenyl-d14
Concen: 60.199 ng
RT: 20.241 min Scan# 2
Delta R.T. 0.028 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Instrument :
BNA_G
ClientSampleId :
DB-05(20-22)-02-01-22

Tgt Ion:244 Resp: 590865

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	9.5	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.452 min Scan# 3739
Delta R.T. 0.046 min
Lab File: BG052314.D
Acq: 8 Feb 2022 11:51

Tgt Ion:264 Resp: 170742

Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.5	27.7
265	22.1	17.8	26.6