Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044086.D
Acq On : 17 Jan 2020 22:34
Operator : JU
Sample : L1162-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CBH-140

Quant Time: Jan 18 04:11:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	69888	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	309510	20.00	ng		-0.03
39) Acenaphthene-d10	14.57	164	220903	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	475153	20.00	ng		-0.03
76) Chrysene-d12	21.56	240	406247	20.00	ng		-0.03
87) Perylene-d12	24.66	264	443643	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	300832	79.04	ng		-0.03
7) Phenol-d6	7.10	99	263623	49.55	ng		-0.02
23) Nitrobenzene-d5	9.09	82	521112	90.07	ng		-0.03
42) 2,4,6-Tribromophenol	16.06	330	387445	167.60	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	1252869	102.76	ng		-0.03
79) Terphenyl-d14	19.93	244	1843225	121.73	ng		-0.03
Target Compounds							Qvalue
10) Phenol	7.13	94	21917	3.998	ng		96
50) Dimethylphthalate	14.02	163	78748	5.021	ng	#	94

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

Quantitation Report (LSC Reviewed)

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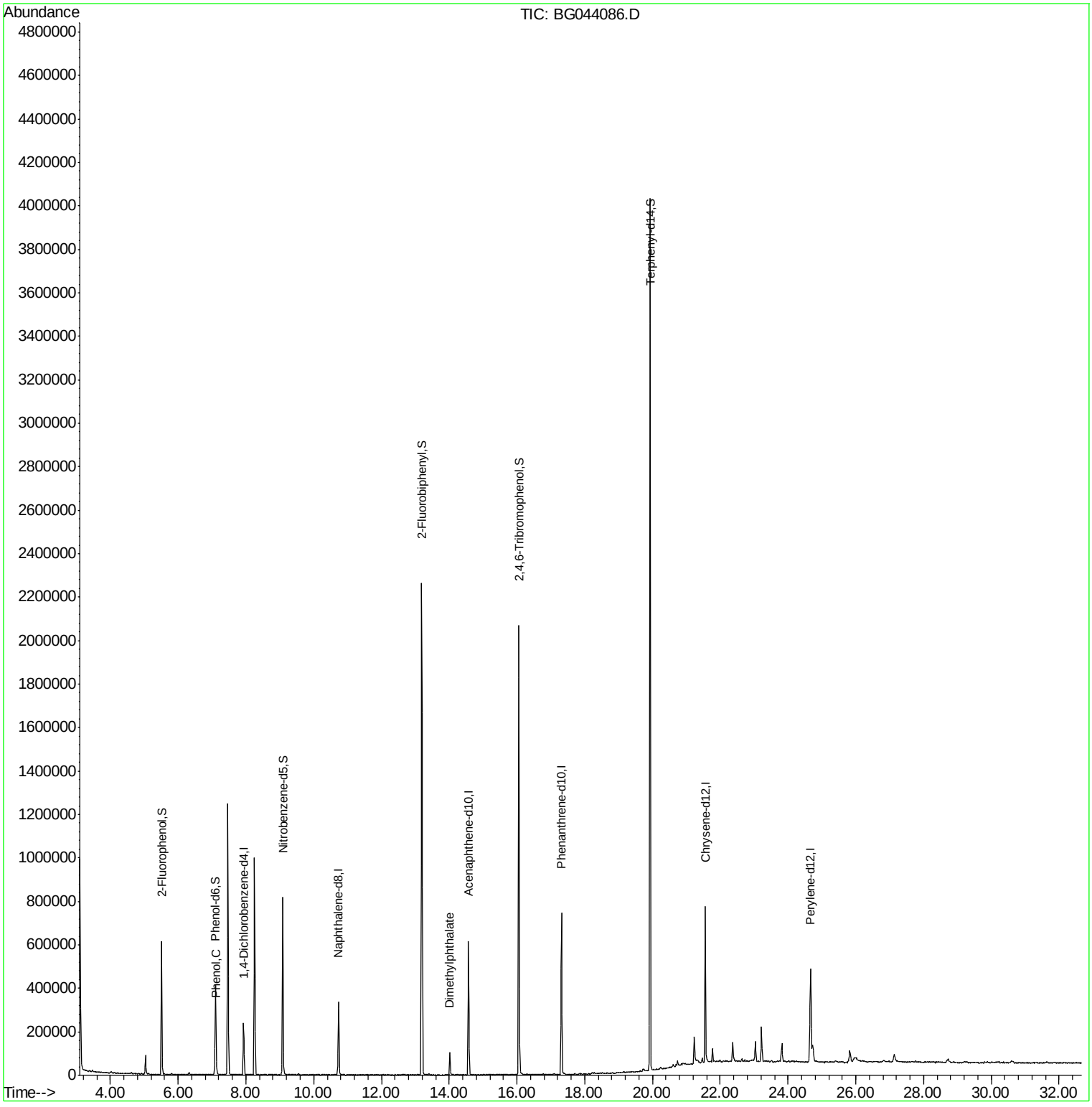
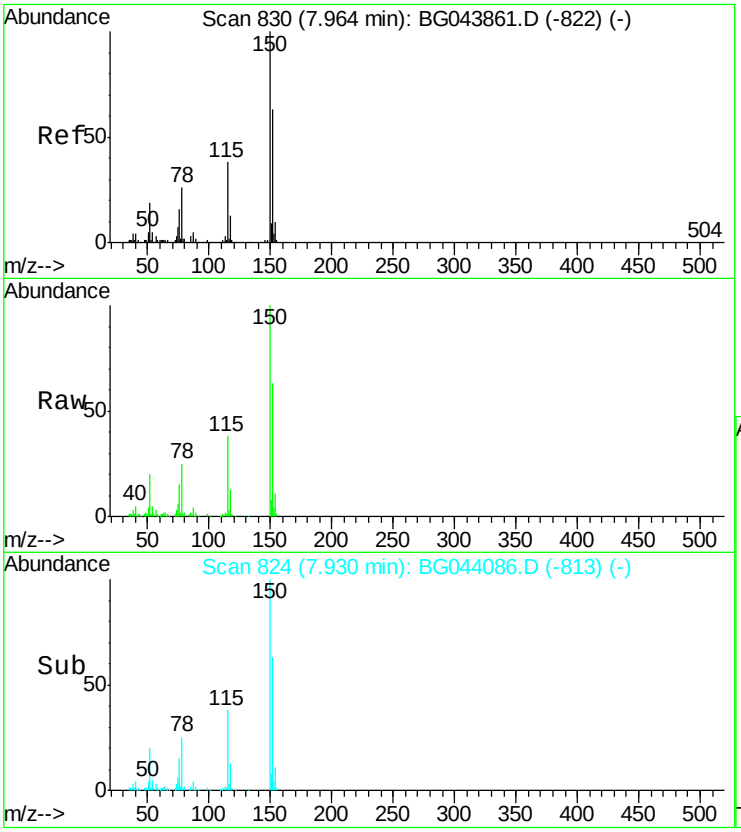


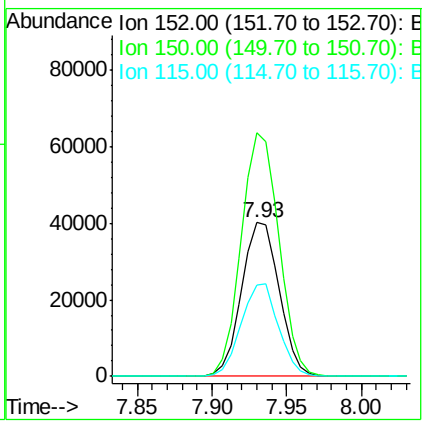


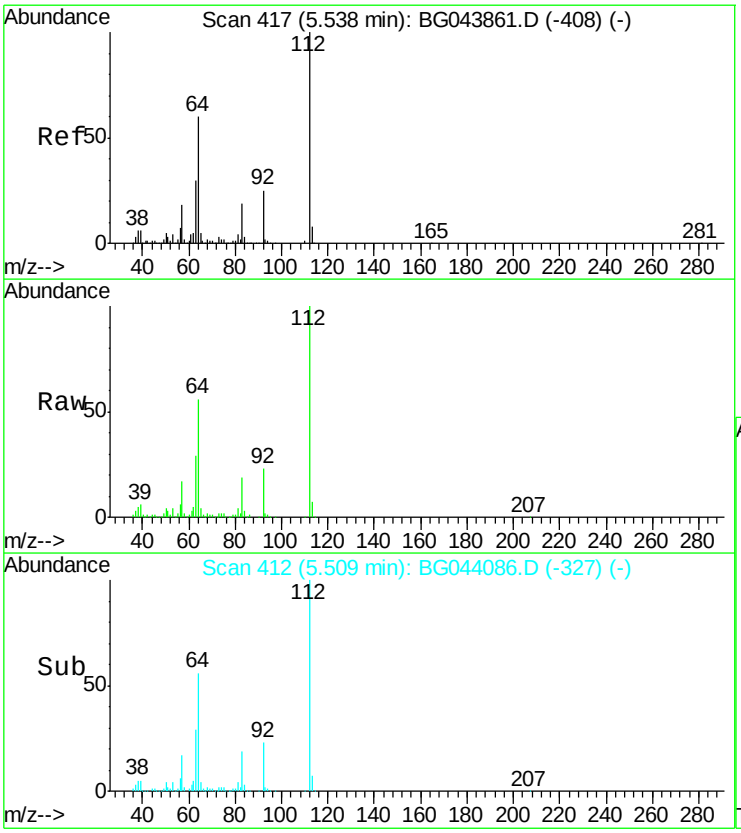
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:152 Resp: 69888

Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.4
115	59.5	47.8	71.8

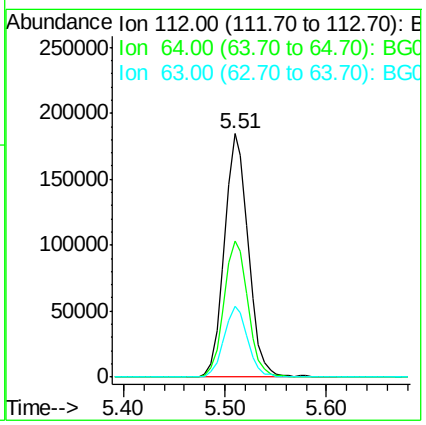


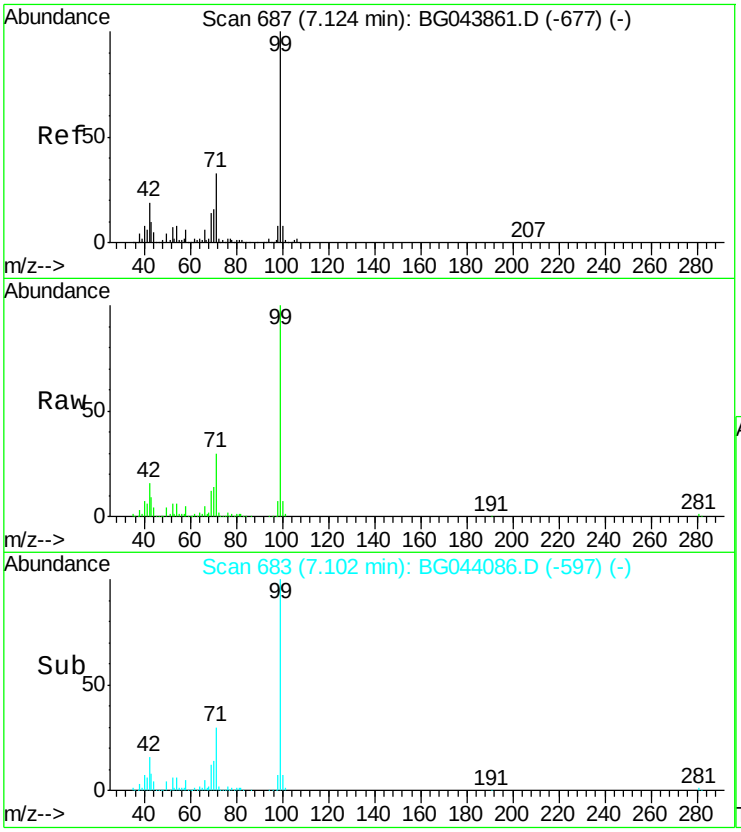


#5
2-Fluorophenol
Concen: 79.036 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion:112 Resp: 300832

Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.8	71.6
63	29.1	24.3	36.5



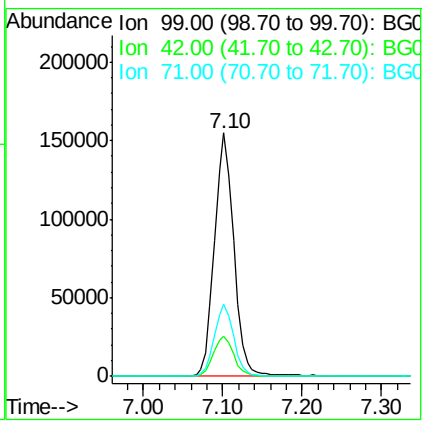


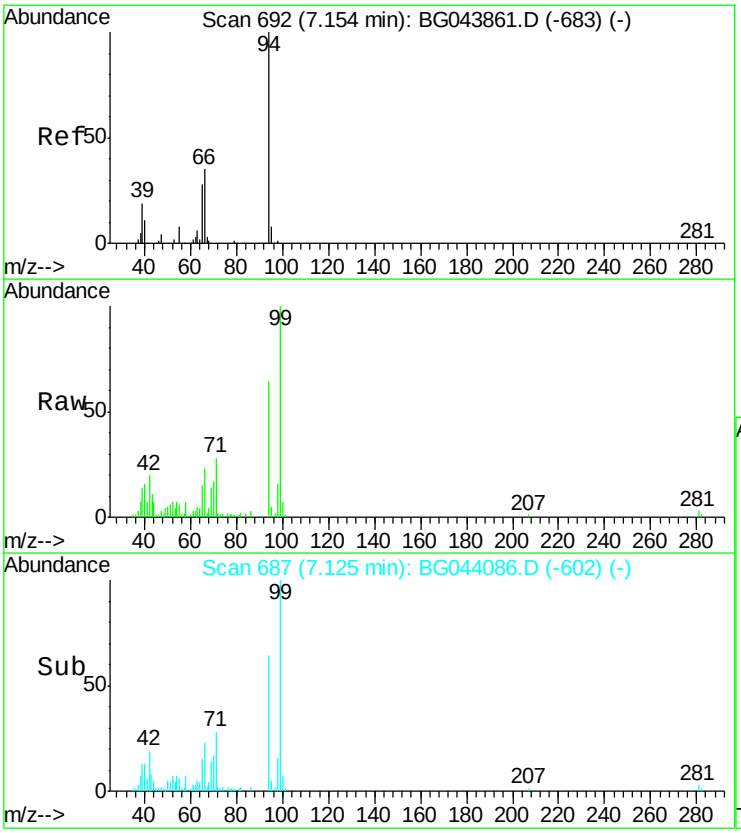
#7
Phenol-d6
Concen: 49.549 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.02 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion: 99 Resp: 263623

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.9	22.3
71	29.5	26.4	39.6

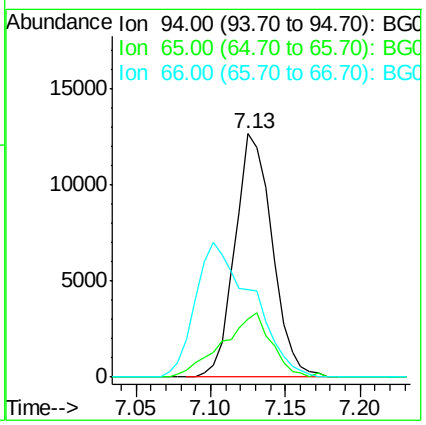


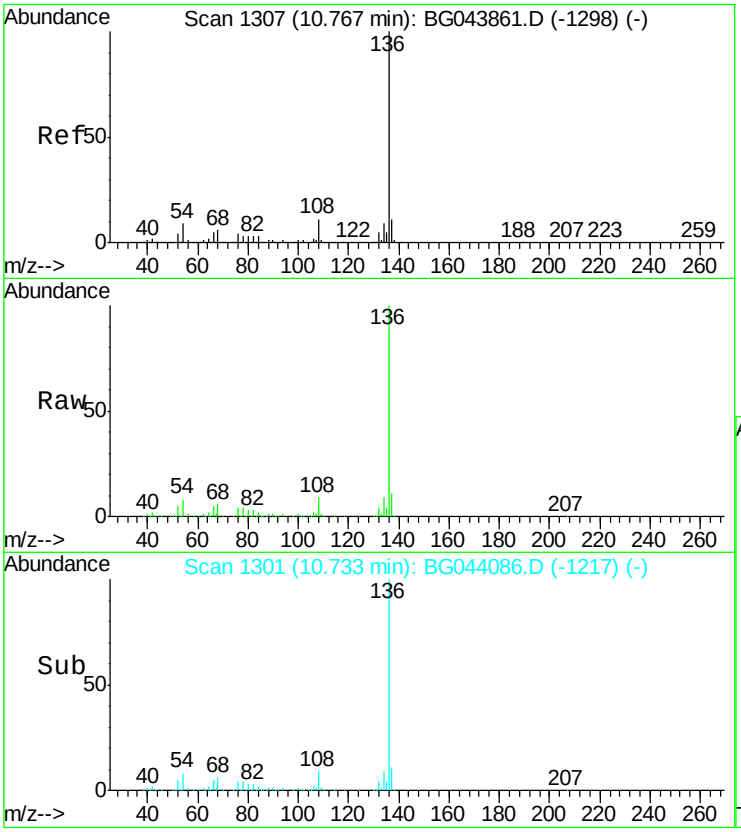


#10
Phenol
Concen: 3.998 ng
RT: 7.13 min Scan# 687
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion: 94 Resp: 21917

Ion	Ratio	Lower	Upper
94	100		
65	23.9	8.1	48.1
66	36.1	15.6	55.6



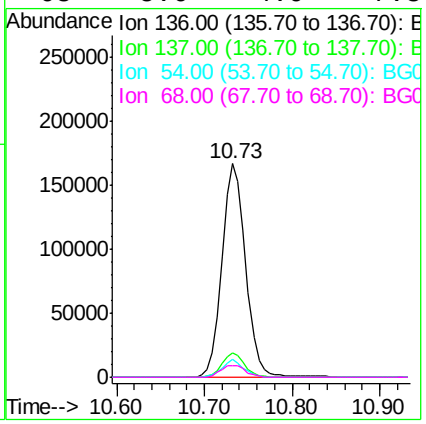


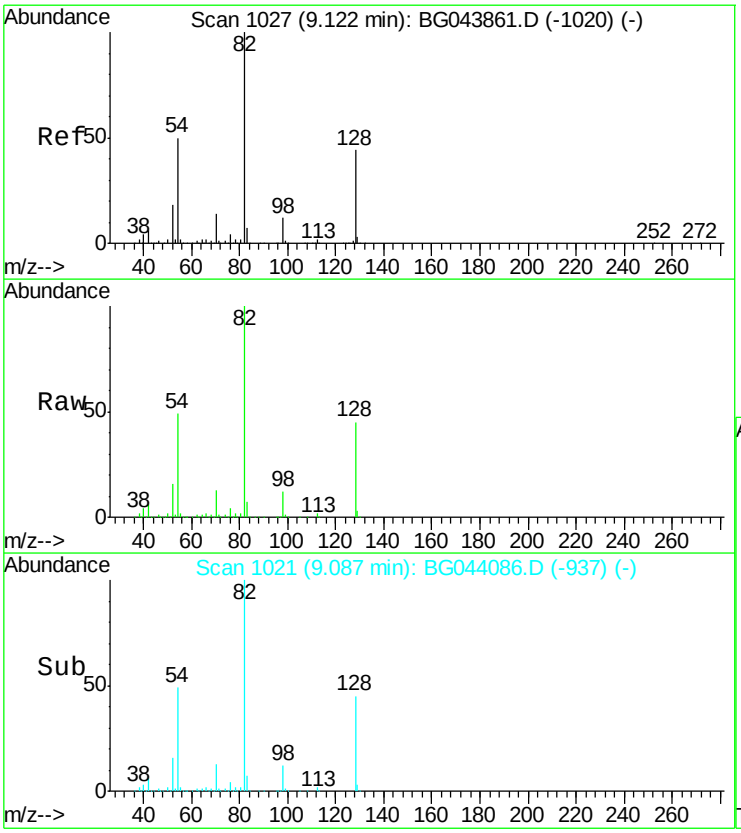
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:136 Resp: 309510

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.2	7.0	10.4
68	5.6	4.9	7.3

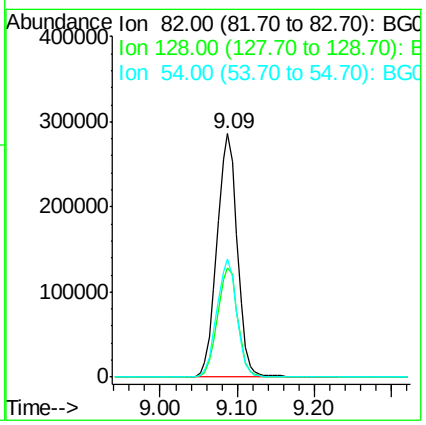


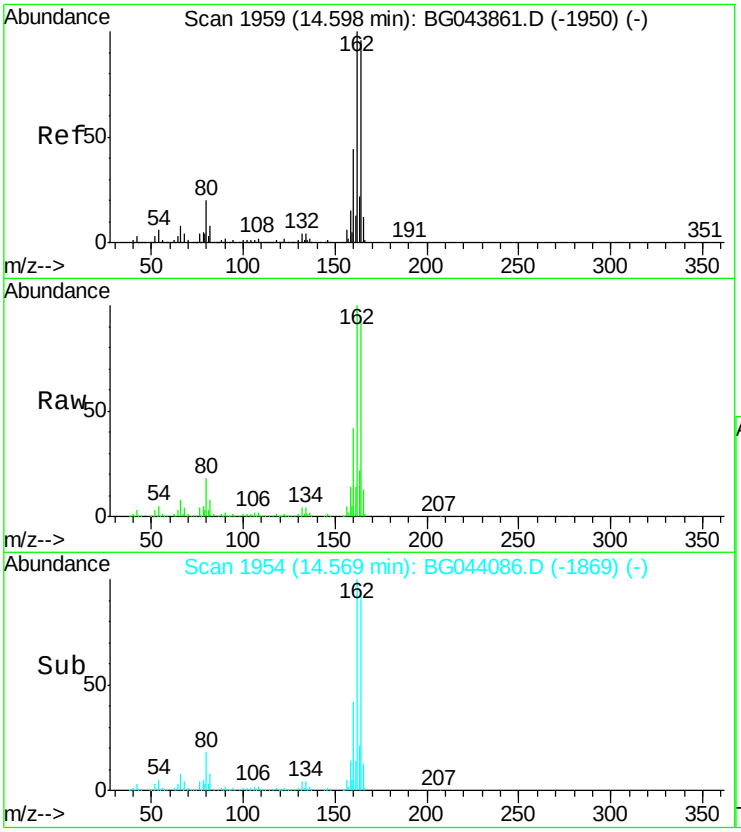


#23
Nitrobenzene-d5
Concen: 90.069 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion: 82 Resp: 521112

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.1	52.7
54	48.5	40.1	60.1



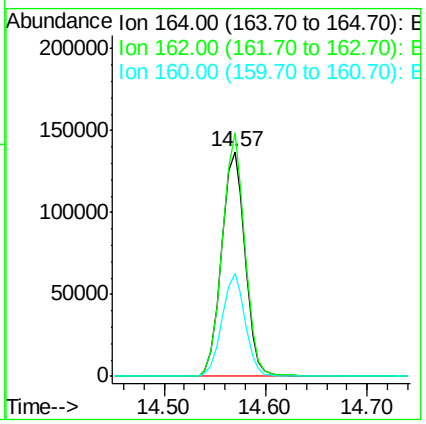


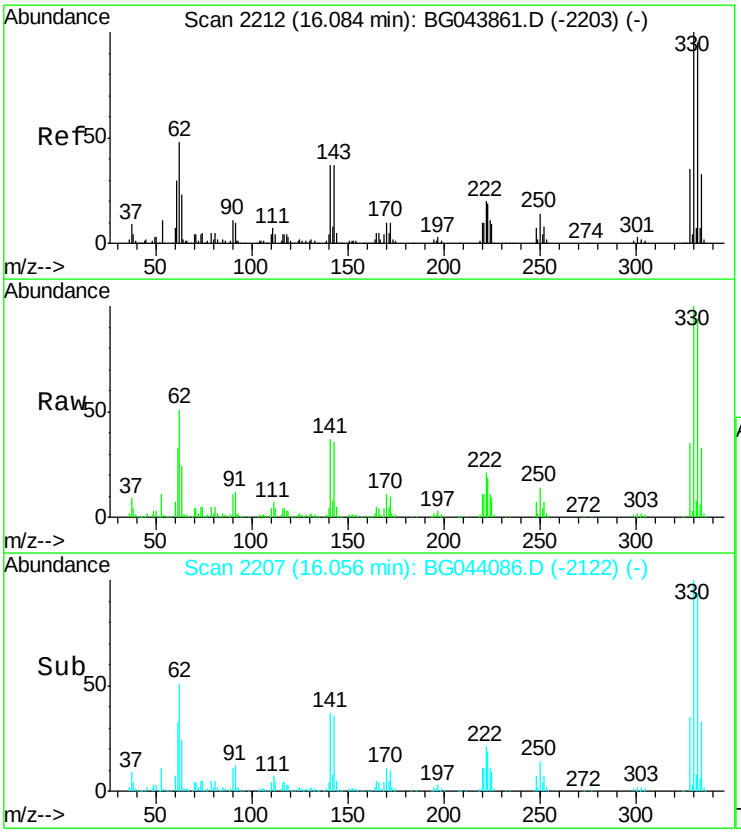
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:164 Resp: 220903

Ion	Ratio	Lower	Upper
164	100		
162	108.4	83.0	124.4
160	45.9	36.1	54.1

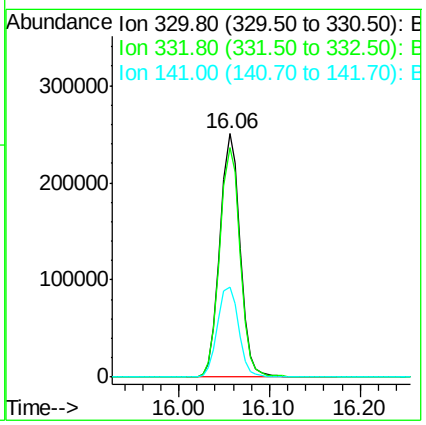


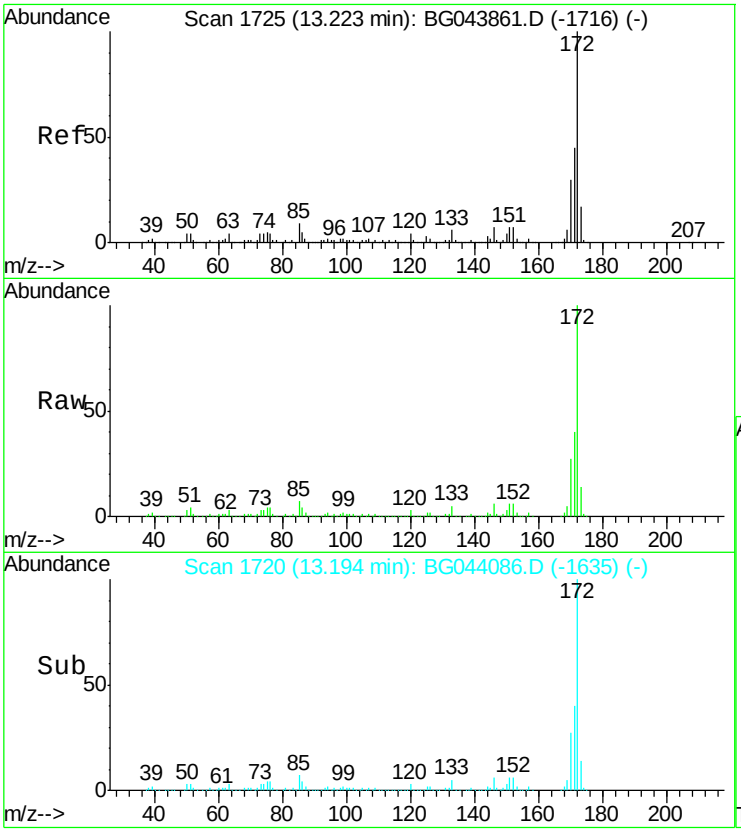


#42
2,4,6-Tribromophenol
Concen: 167.601 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion:330 Resp: 387445

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.2	115.8
141	38.8	33.1	49.7



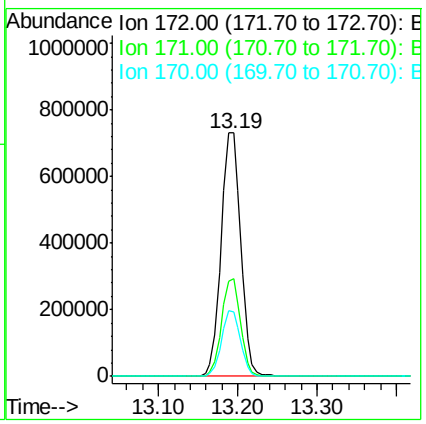


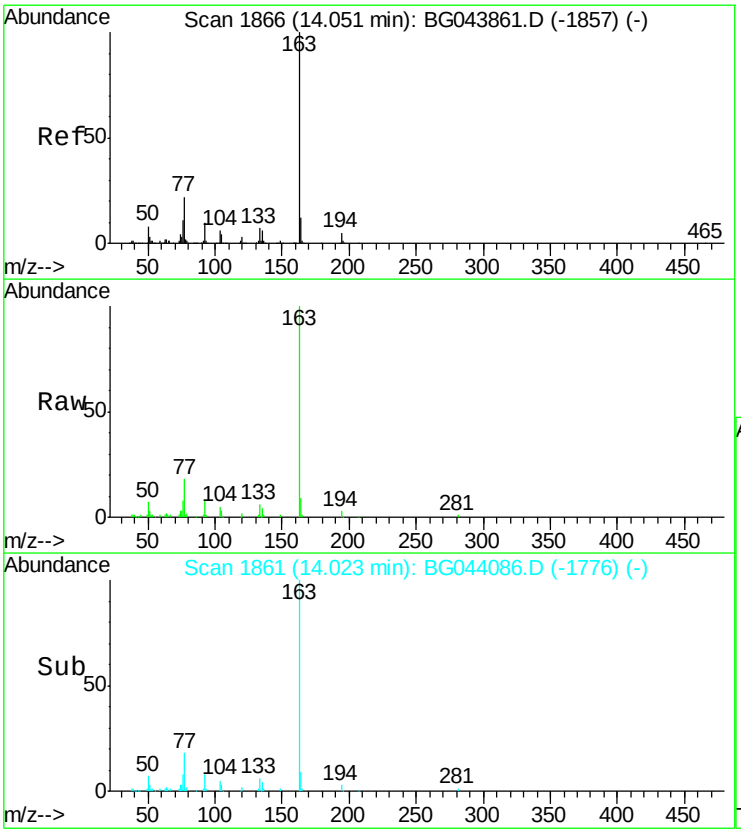
#45
2-Fluorobiphenyl
Concen: 102.756 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:172 Resp: 1252869

Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.8
170	26.5	24.2	36.4

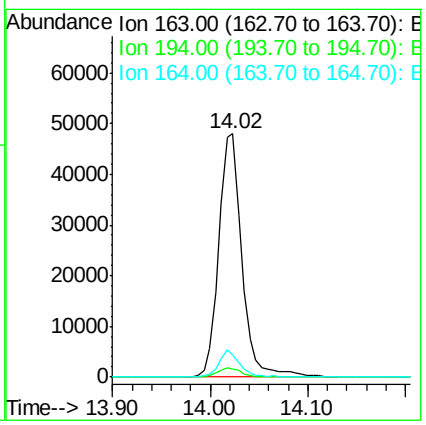


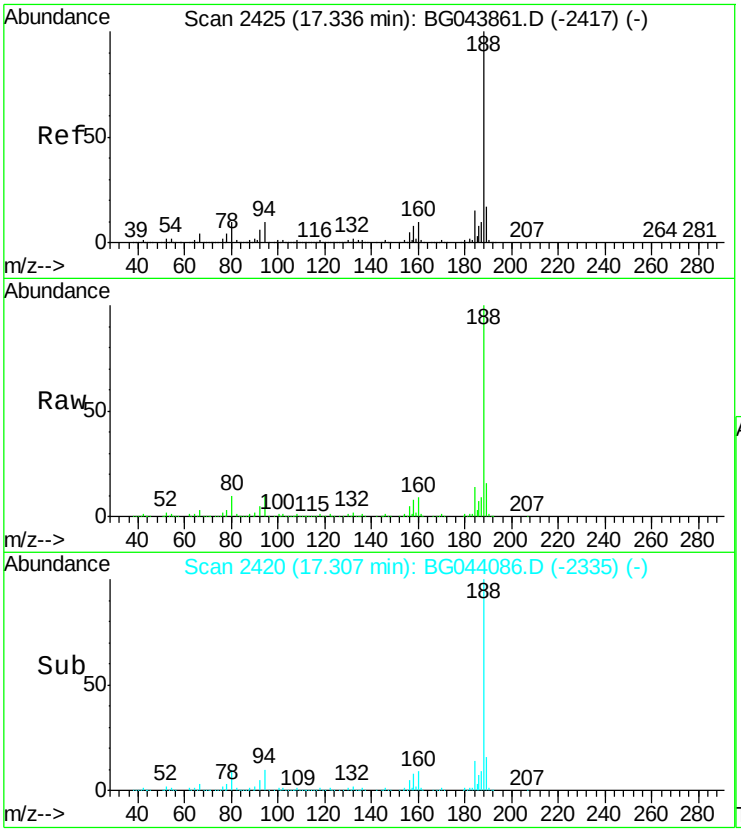


#50
Dimethylphthalate
Concen: 5.021 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion:163 Resp: 78748

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.7	5.5#
164	9.1	9.3	13.9#



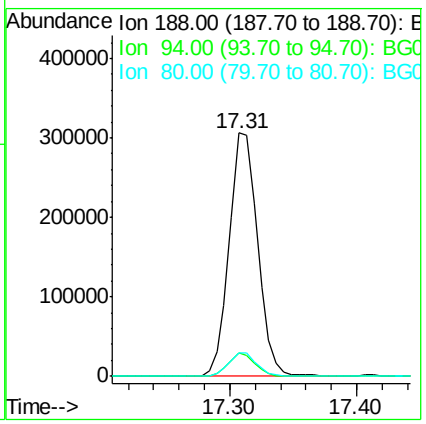


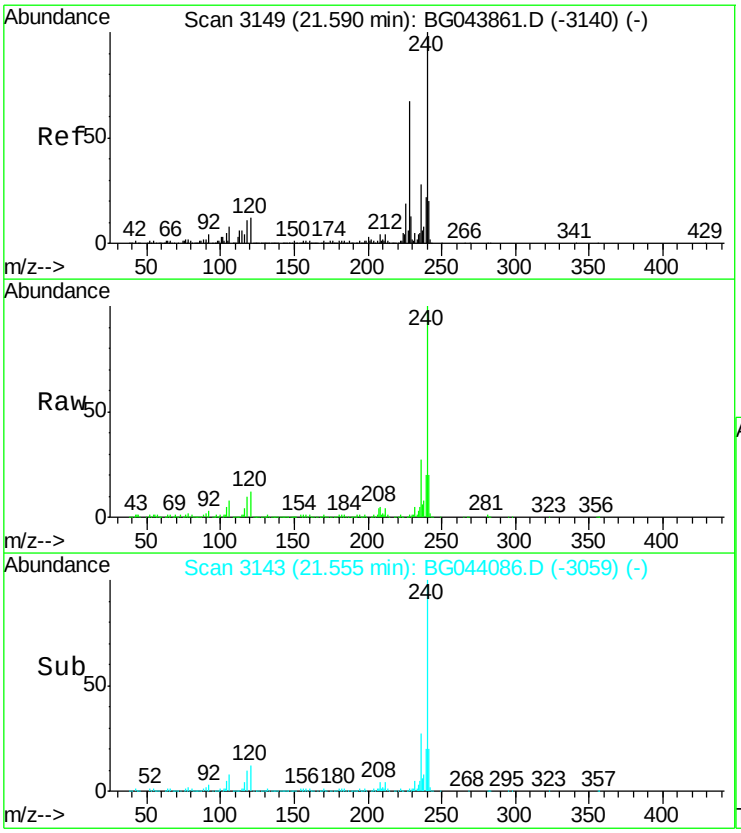
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:188 Resp: 475153

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.9	11.9
80	9.8	8.2	12.4

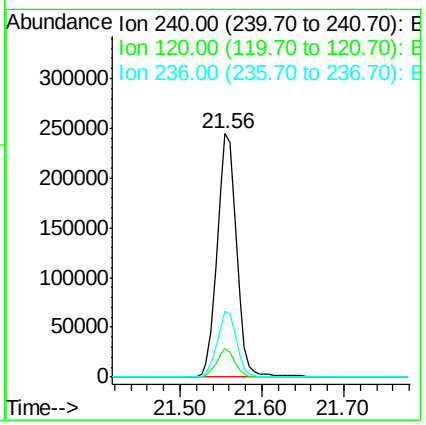


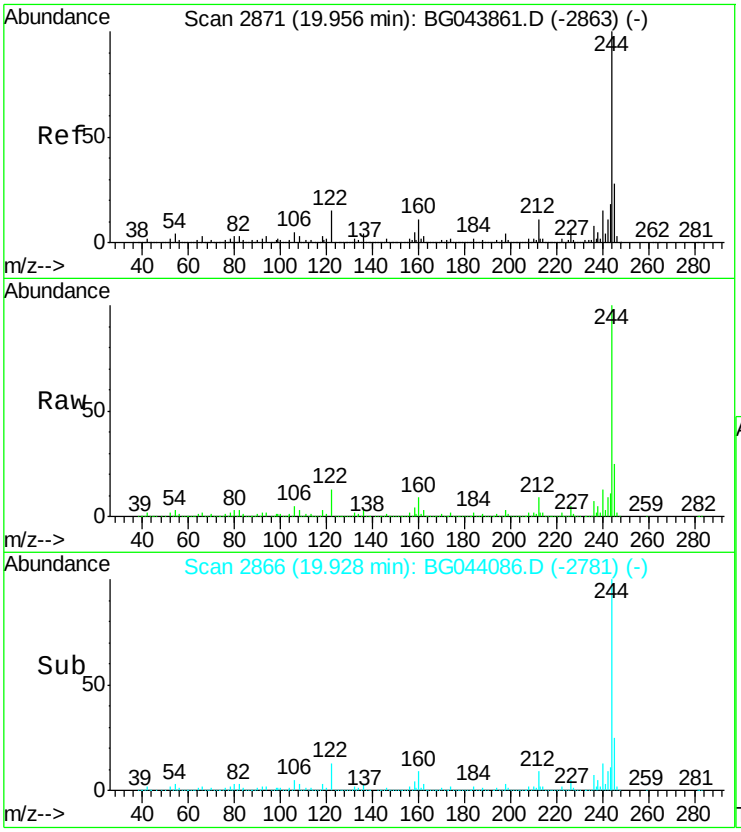


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion:240 Resp: 406247

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.6	14.4
236	27.1	22.2	33.2



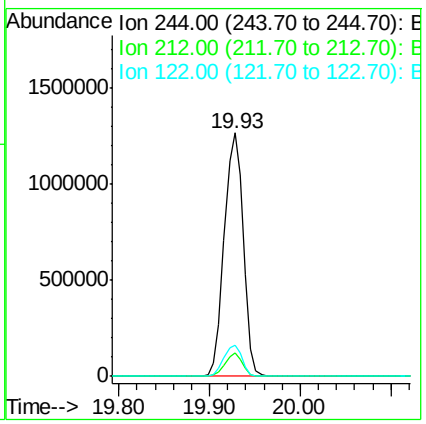


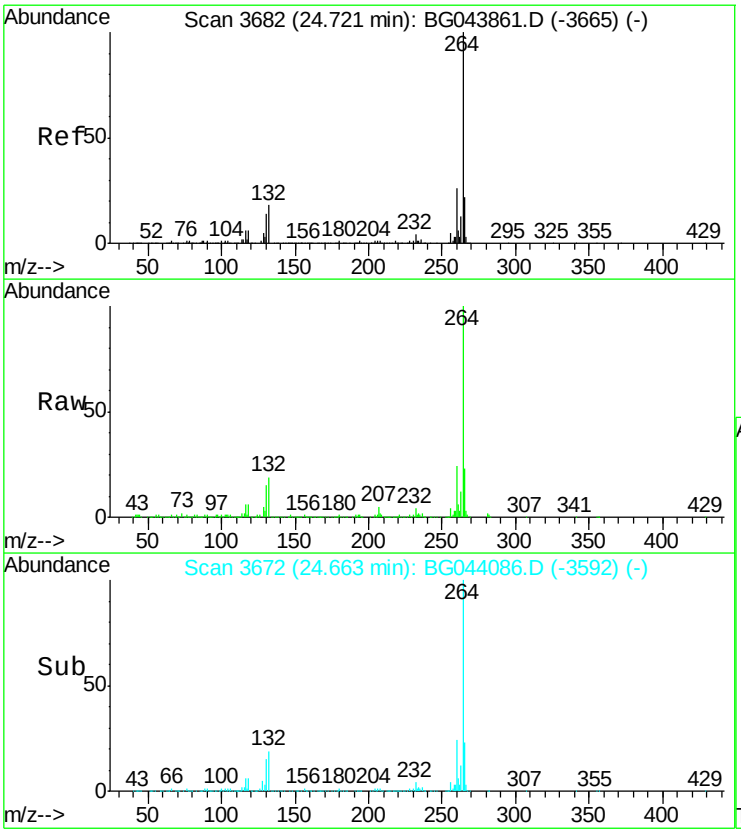
#79
Terphenyl-d14
Concen: 121.731 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Instrument :
BNA_G
ClientSampleId :
CBH-140

Tgt Ion:244 Resp: 1843225

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	13.0
122	12.8	11.9	17.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044086.D
Acq: 17 Jan 2020 22:34

Tgt Ion:264 Resp: 443643

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.7	17.4	26.2