Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

Quant Time: Nov 01 04:34:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43163	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161591	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	114549	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	271206	20.00	ng	0.00
76) Chrysene-d12	21.66	240	292874	20.00	ng	0.00
87) Perylene-d12	24.86	264	345734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	214350	91.00	ng	0.01
7) Phenol-d6	7.21	99	189720	55.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	266481	85.02	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	271212	124.42	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	733760	88.51	ng	0.00
79) Terphenyl-d14	20.00	244	1450487	92.91	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.24	94	12251	3.956	ng	85
50) Dimethylphthalate	14.10	163	64540	7.274	ng	97

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

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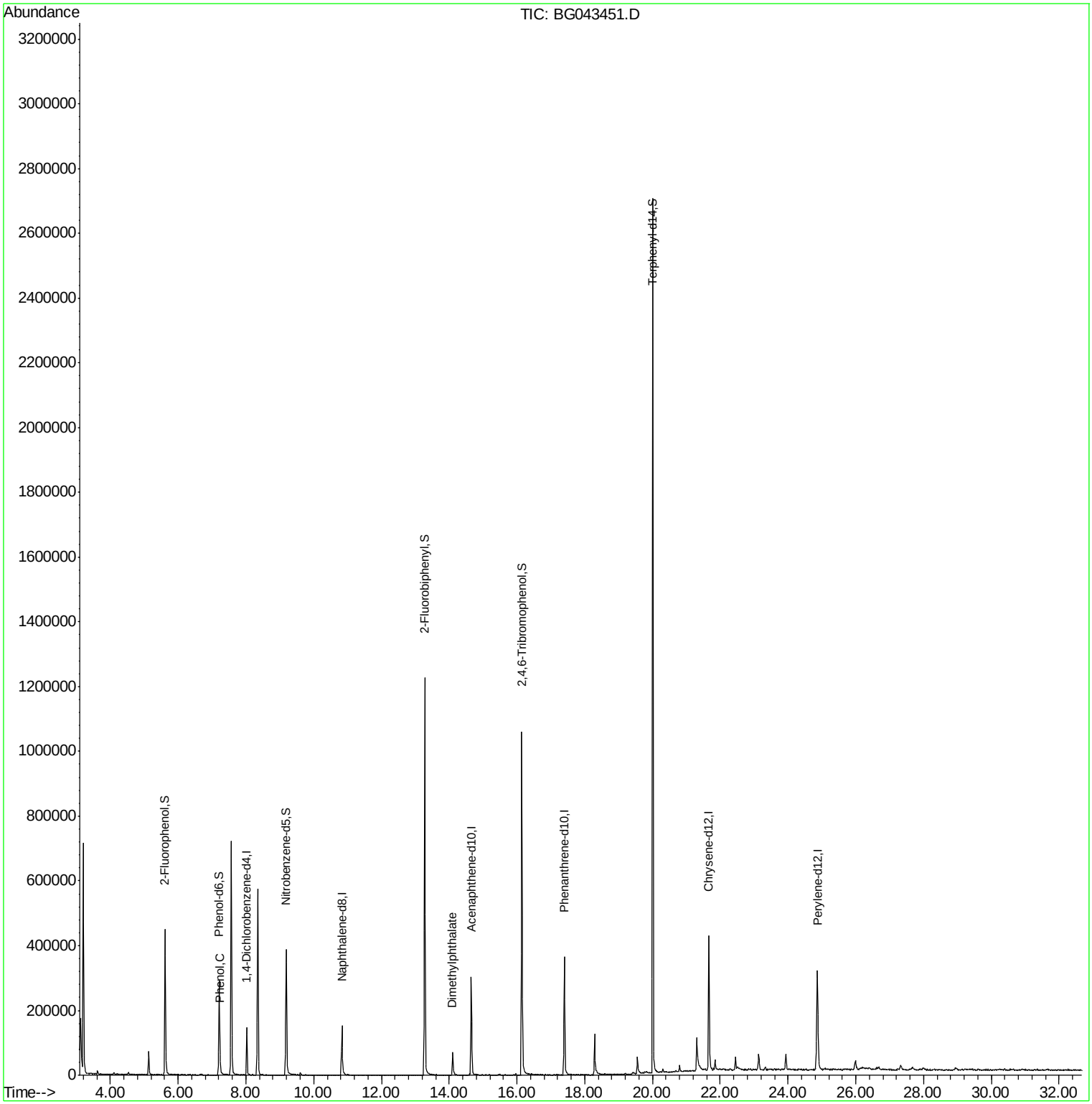
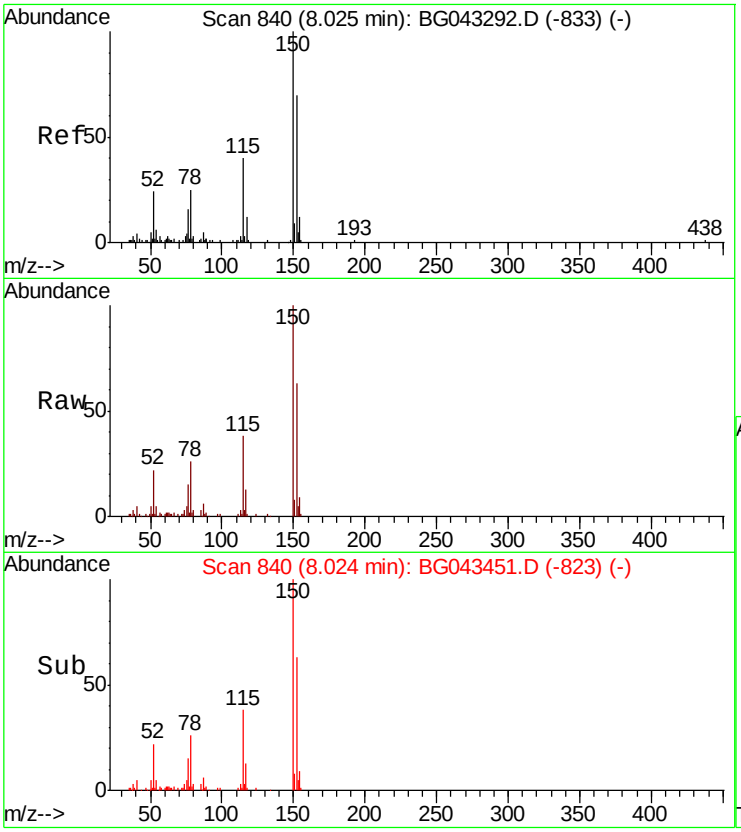


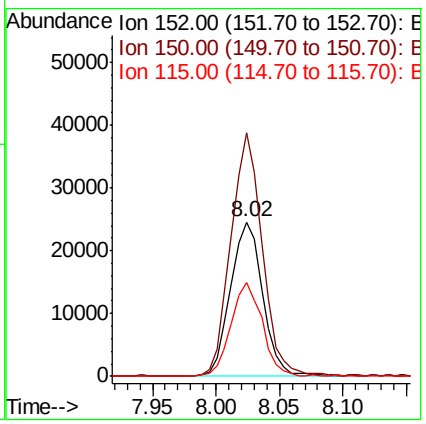


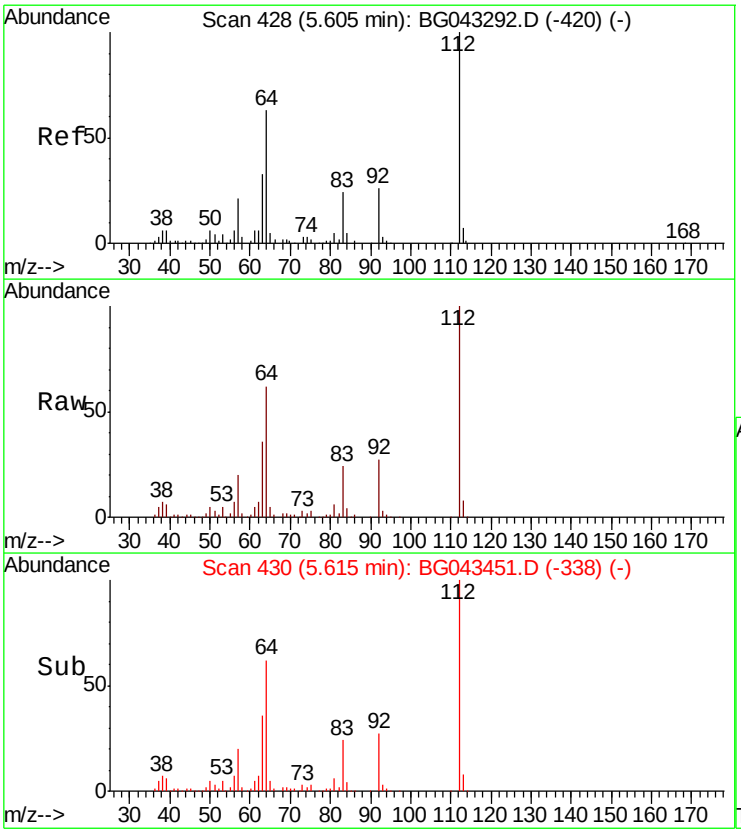
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:152 Resp: 43163

Ion	Ratio	Lower	Upper
152	100		
150	157.8	113.6	170.4
115	60.5	45.9	68.9

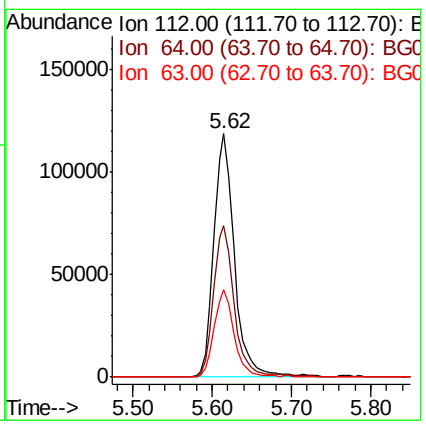


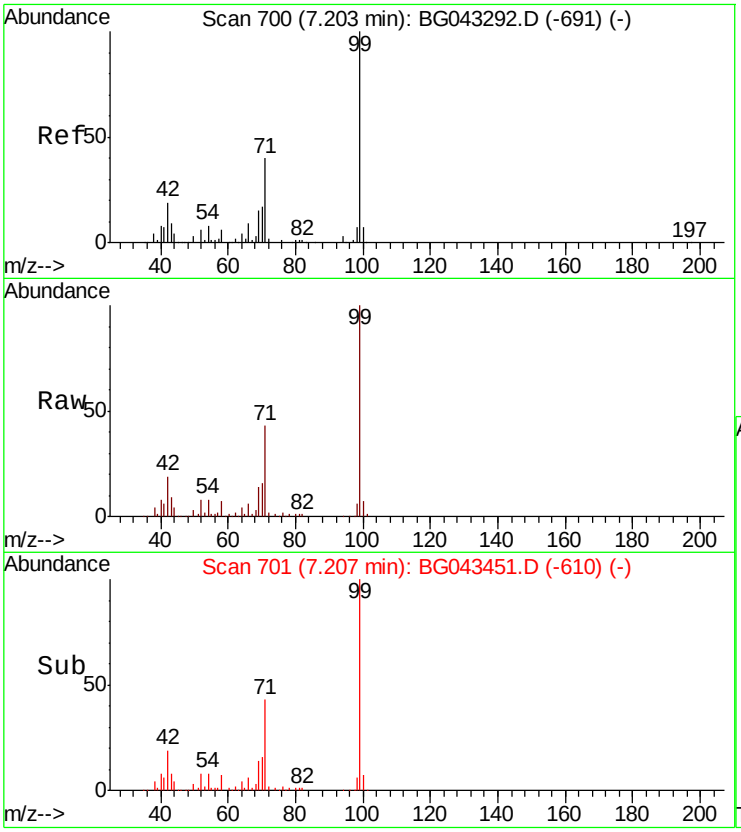


#5
2-Fluorophenol
Concen: 91.000 ng
RT: 5.62 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:112 Resp: 214350

Ion	Ratio	Lower	Upper
112	100		
64	62.3	50.2	75.2
63	35.9	26.7	40.1



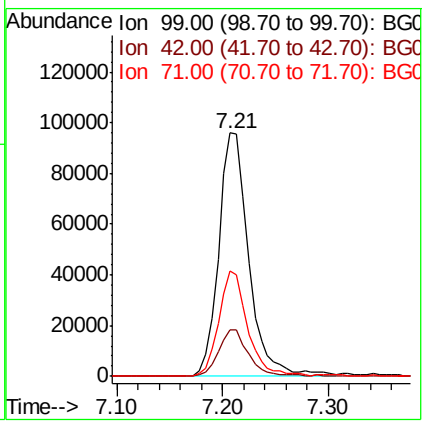


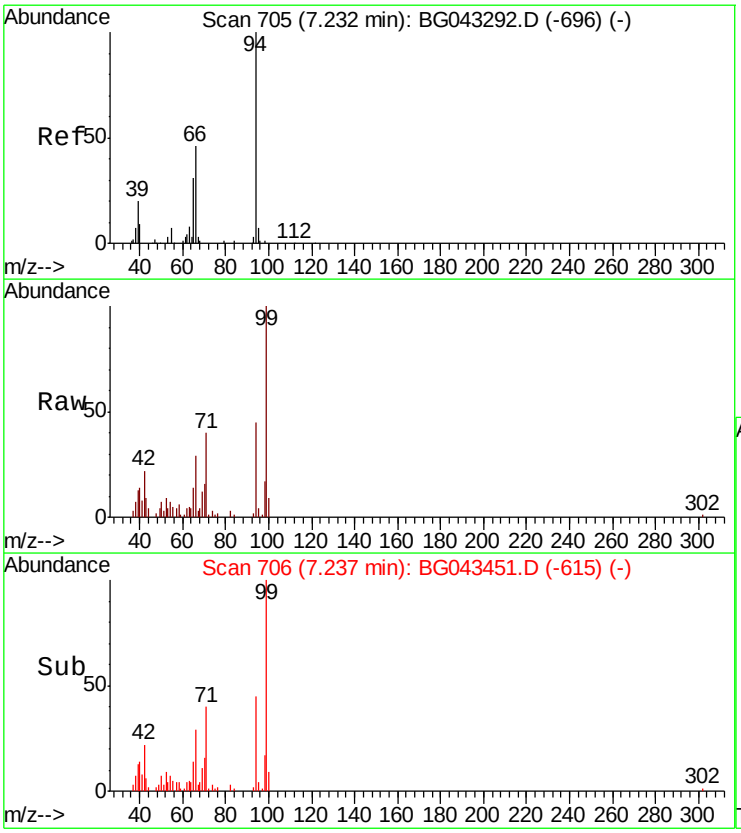
#7
Phenol-d6
Concen: 55.981 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion: 99 Resp: 189720

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.9	22.3
71	43.1	32.2	48.2

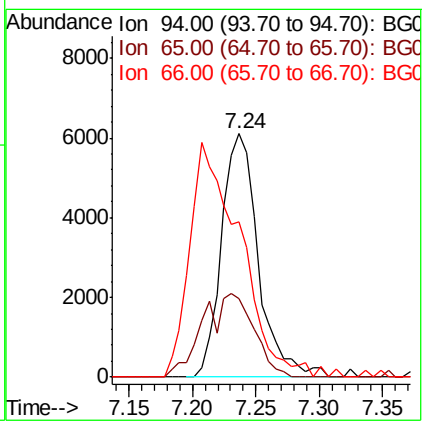


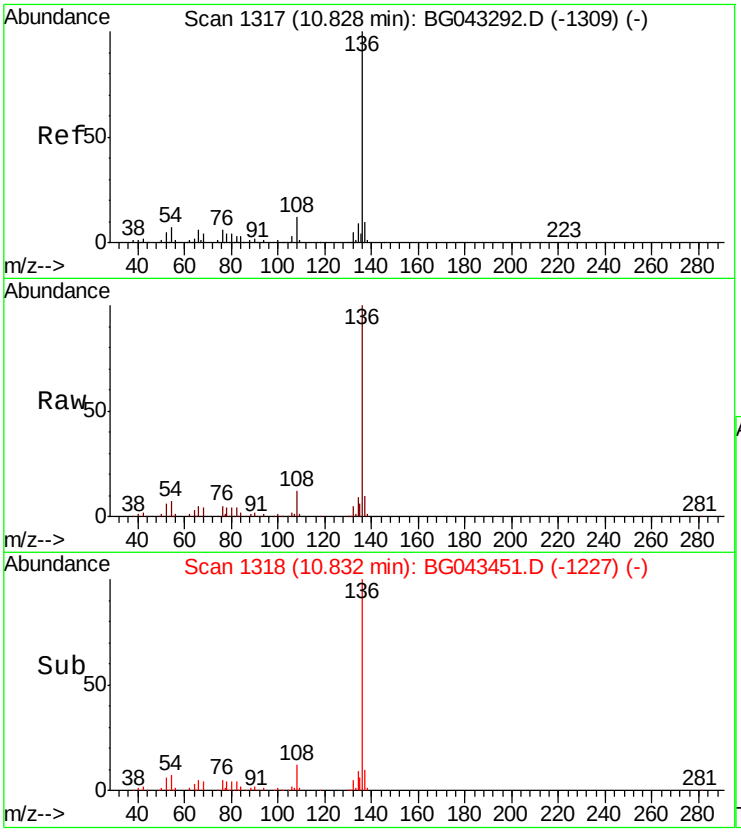


#10
Phenol
Concen: 3.956 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion: 94 Resp: 12251

Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.1	51.1
66	63.9	27.8	67.8



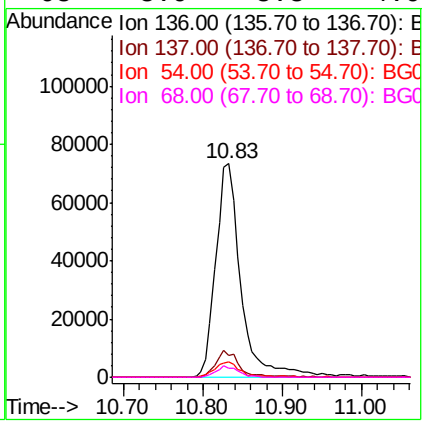


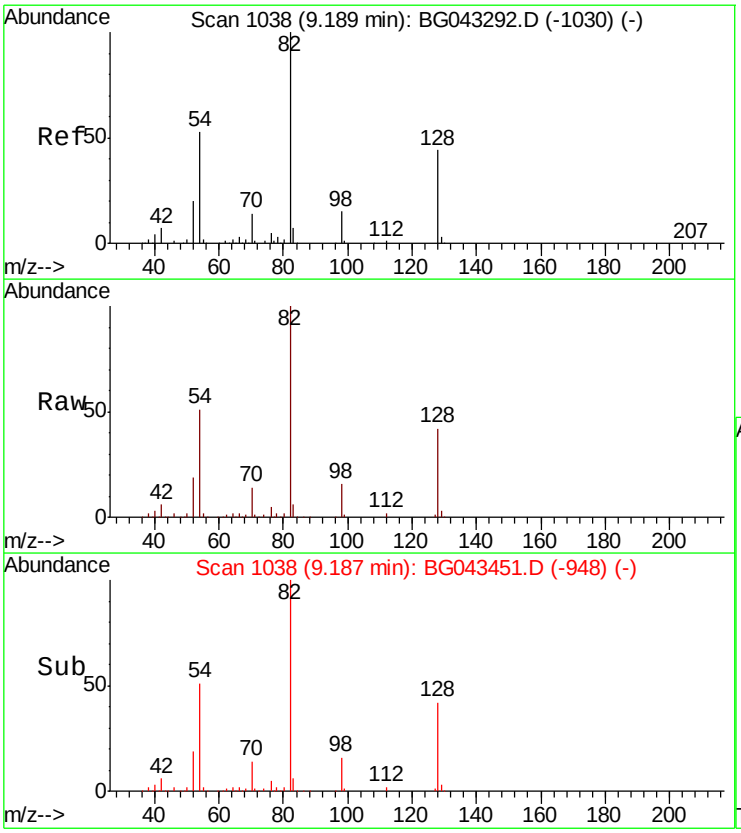
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:136 Resp: 161591

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	7.0	5.4	8.2
68	3.9	3.3	4.9

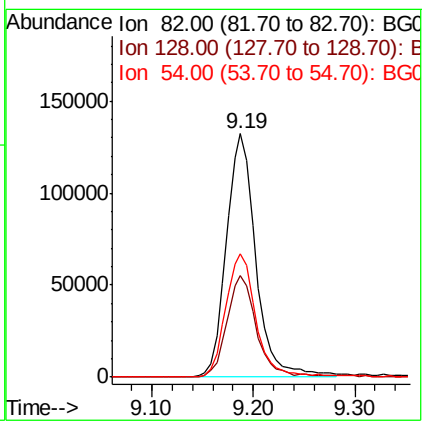


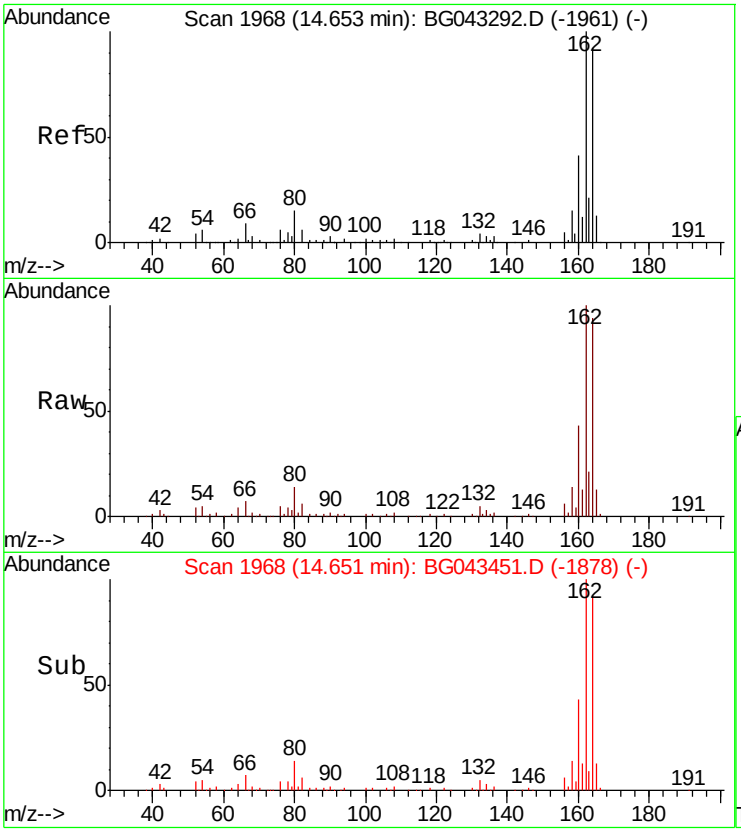


#23
Nitrobenzene-d5
Concen: 85.019 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion: 82 Resp: 266481

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.3	52.9
54	50.8	42.3	63.5



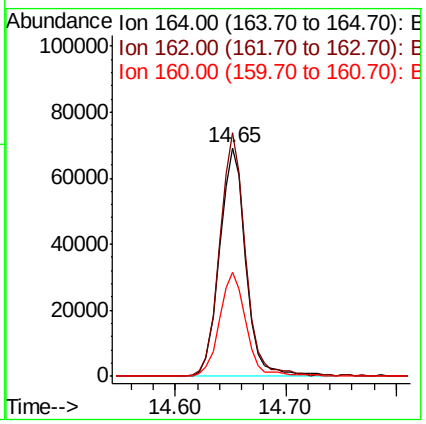


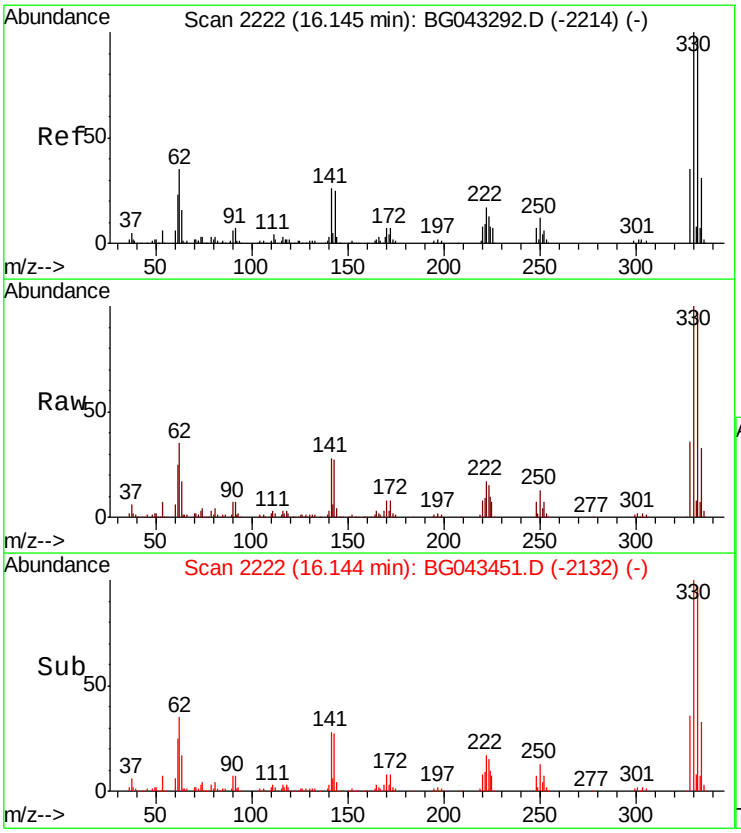
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:164 Resp: 114549

Ion	Ratio	Lower	Upper
164	100		
162	106.5	87.0	130.4
160	45.6	35.5	53.3

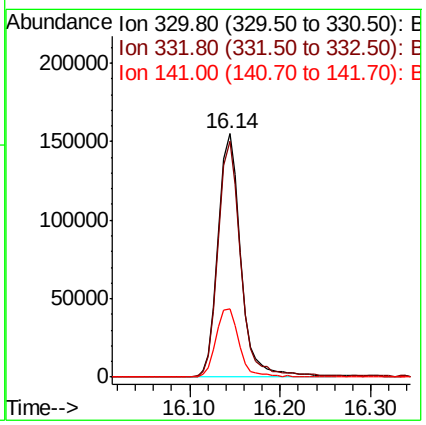


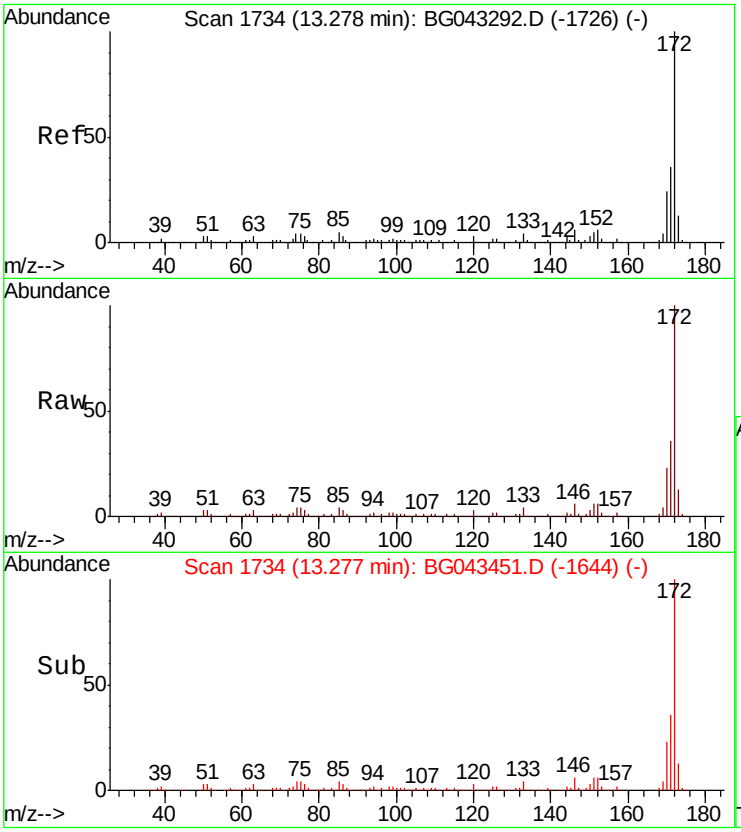


#42
2,4,6-Tribromophenol
Concen: 124.417 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:330 Resp: 271212

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.4	114.6
141	28.3	21.4	32.0



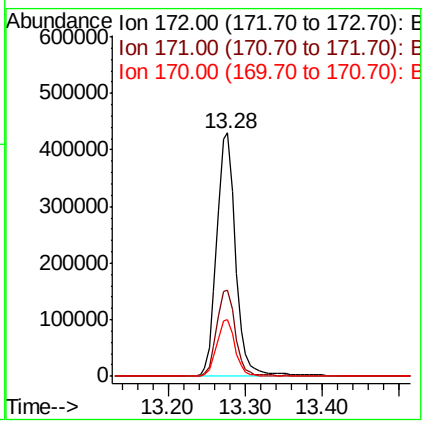


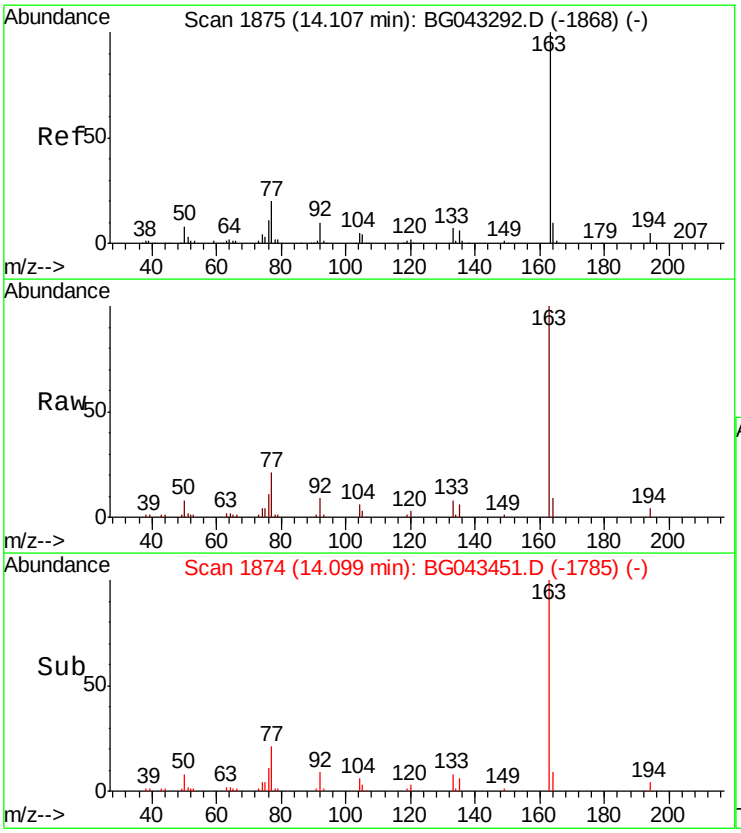
#45
2-Fluorobiphenyl
Concen: 88.513 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:172 Resp: 733760

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.1	18.8	28.2

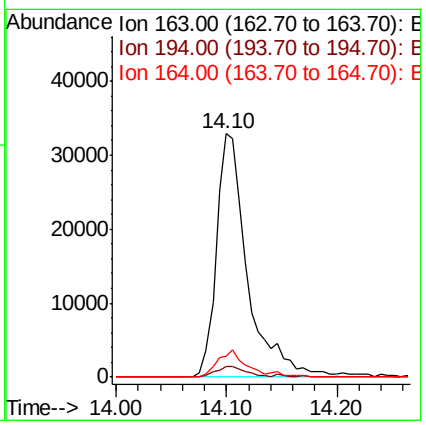


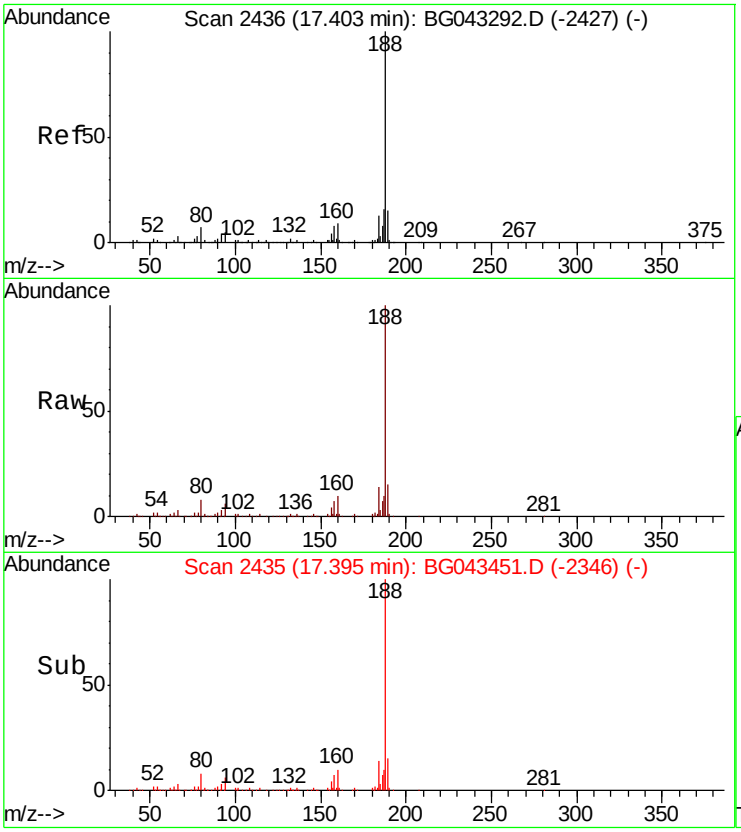


#50
Dimethylphthalate
Concen: 7.274 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:163 Resp: 64540

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.7	5.5
164	8.5	8.1	12.1



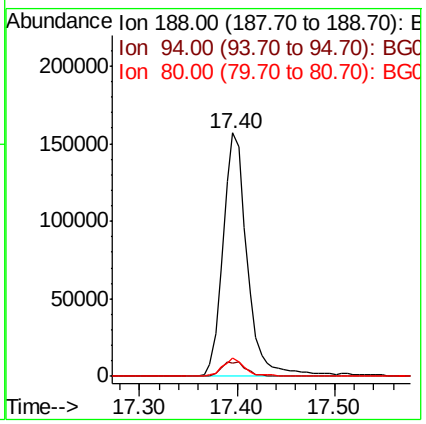


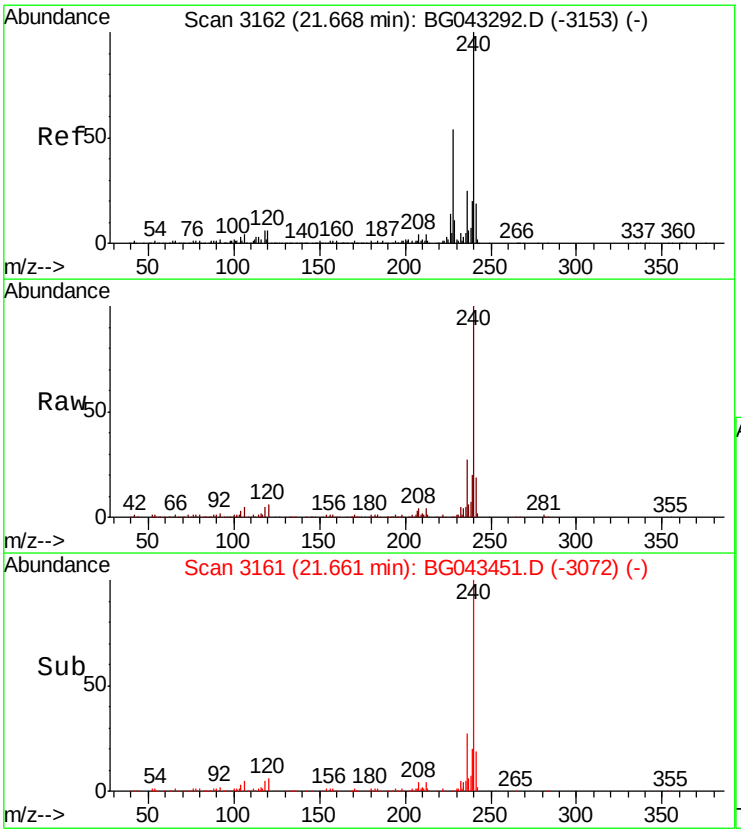
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:188 Resp: 271206

Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	7.5	5.2	7.8

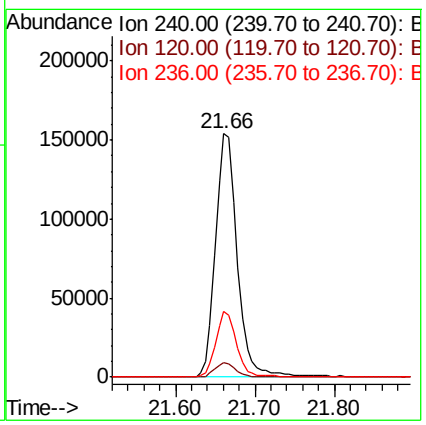


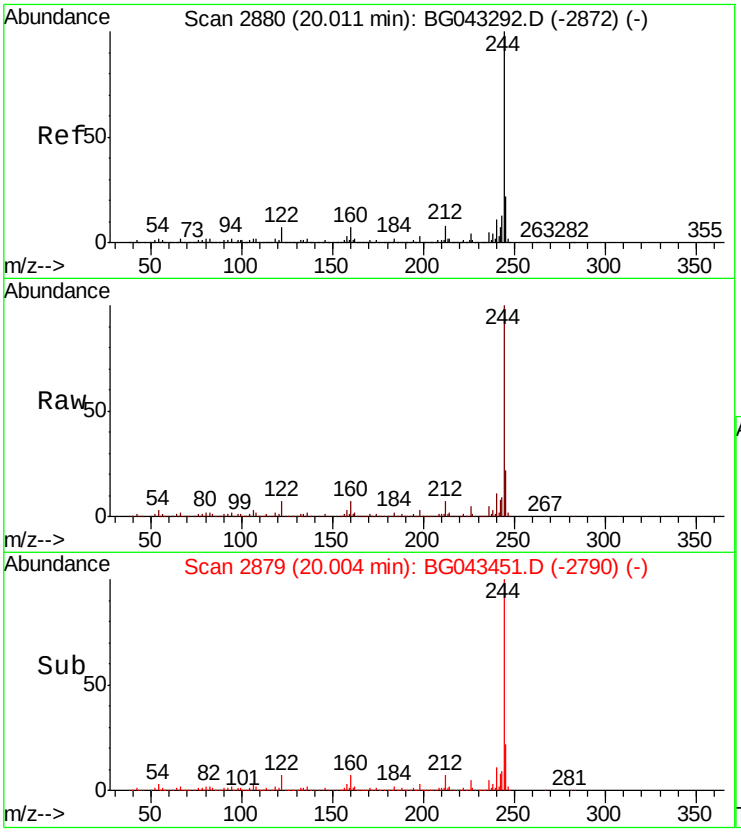


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:240 Resp: 292874

Ion	Ratio	Lower	Upper
240	100		
120	6.0	4.6	7.0
236	27.1	20.2	30.4



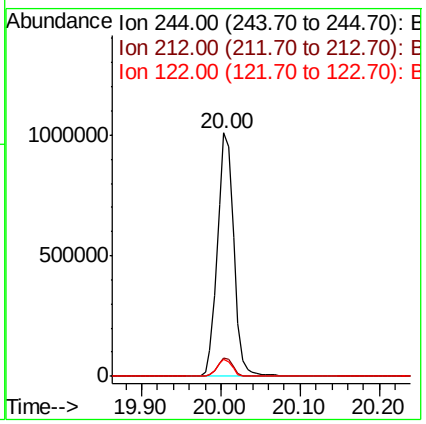


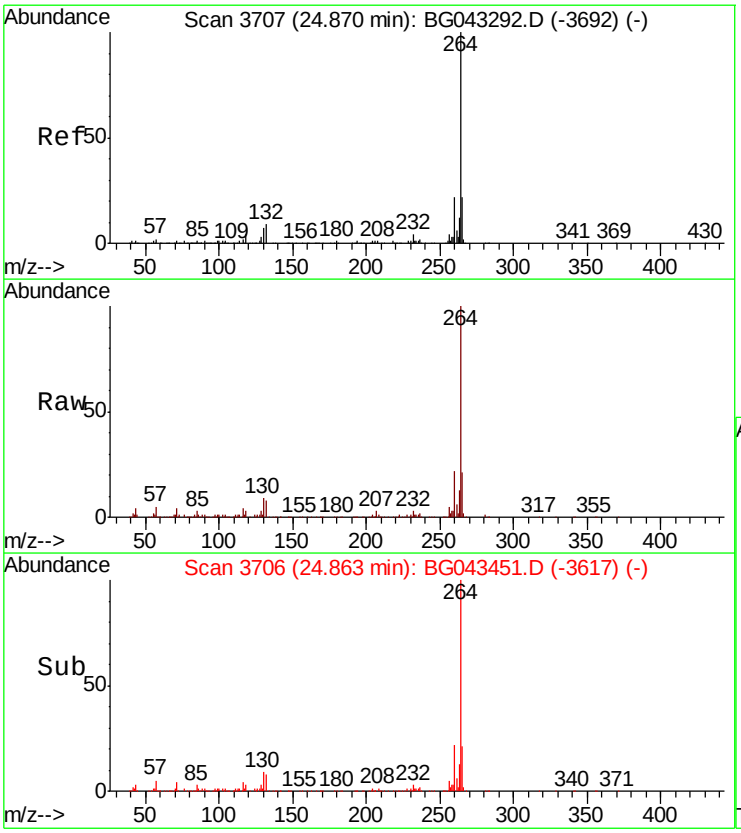
#79
Terphenyl-d14
Concen: 92.914 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

Tgt Ion:244 Resp: 1450487

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	7.0	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG043451.D
Acq: 1 Nov 2019 2:10

Tgt Ion:264 Resp: 345734

Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.9	26.9
265	21.2	17.4	26.2