Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
Data File : BG043493.D
Acq On : 4 Nov 2019 22:58
Operator : JU
Sample : K5602-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190941-AMENDED-COMPOSITE-

Quant Time: Nov 05 02:49:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	39256	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	153979	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	113701	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	280515	20.00	ng	0.00
76) Chrysene-d12	21.65	240	301018	20.00	ng	0.00
87) Perylene-d12	24.85	264	372474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	170424	79.55	ng	0.00
7) Phenol-d6	7.19	99	152938	49.62	ng	0.00
23) Nitrobenzene-d5	9.17	82	226172	75.73	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	267109	123.45	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	630657	76.64	ng	0.00
79) Terphenyl-d14	20.00	244	1329505	82.86	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.22	94	13659	4.850	ng	89
50) Dimethylphthalate	14.09	163	97056	11.020	ng	99

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

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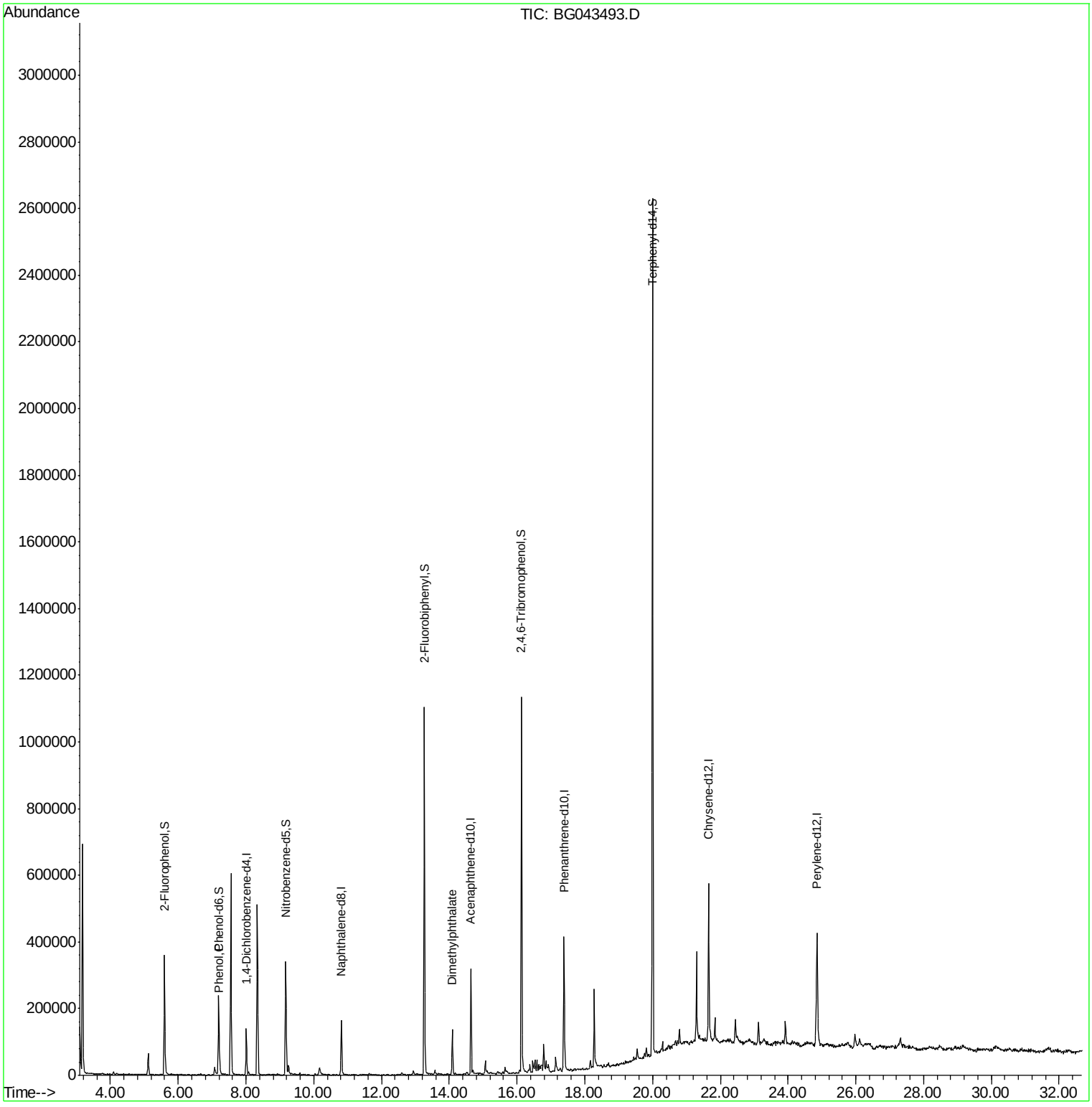
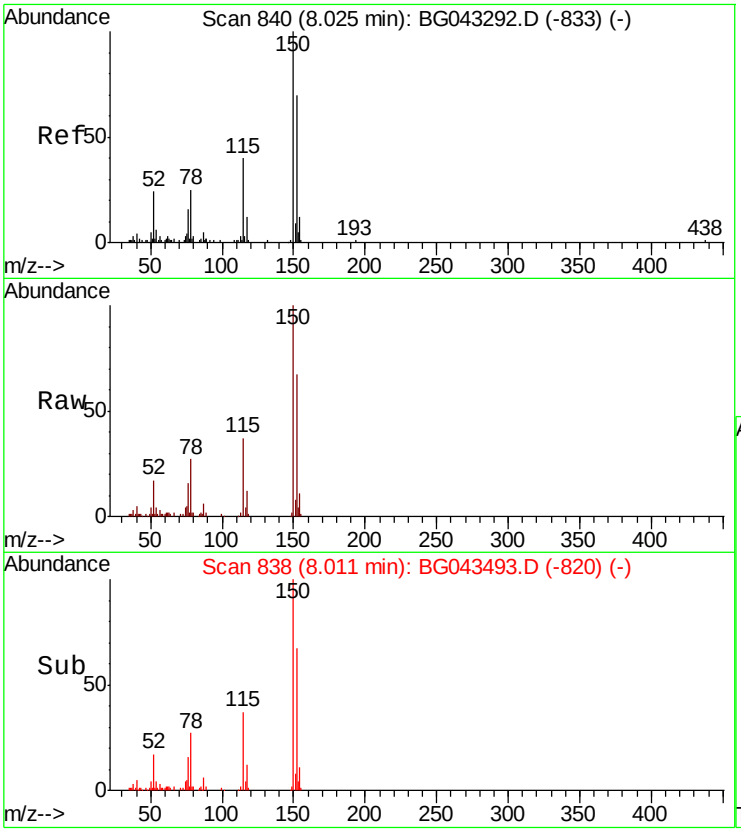


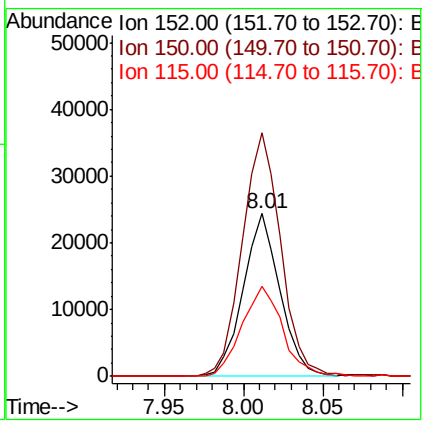


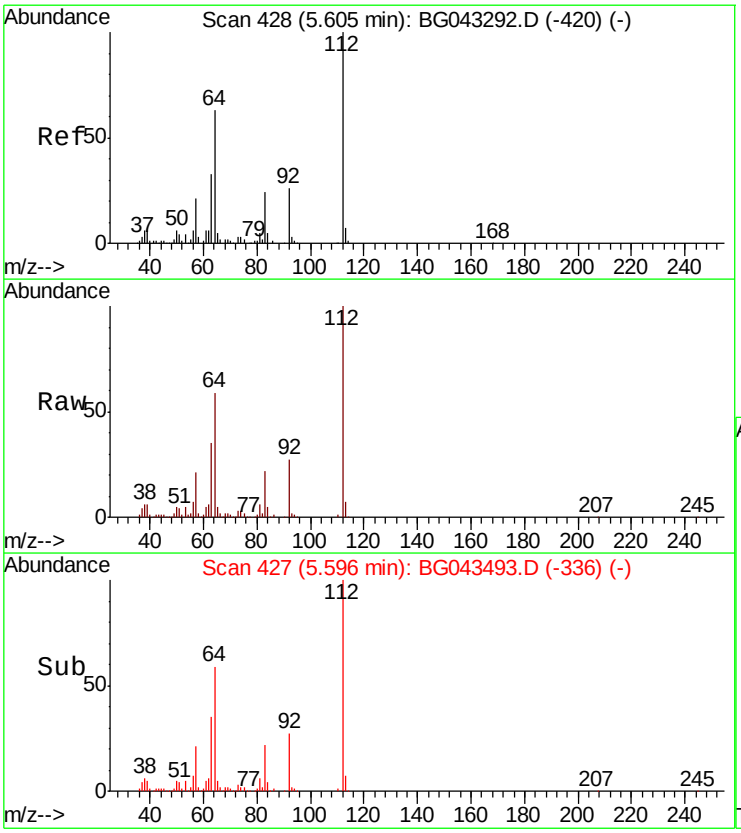
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:152 Resp: 39256

Ion	Ratio	Lower	Upper
152	100		
150	149.9	129.4	194.0
115	55.3	48.8	73.2

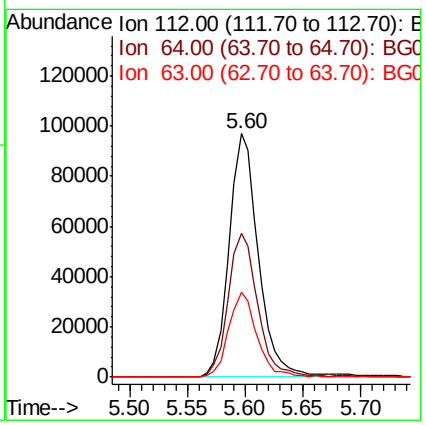


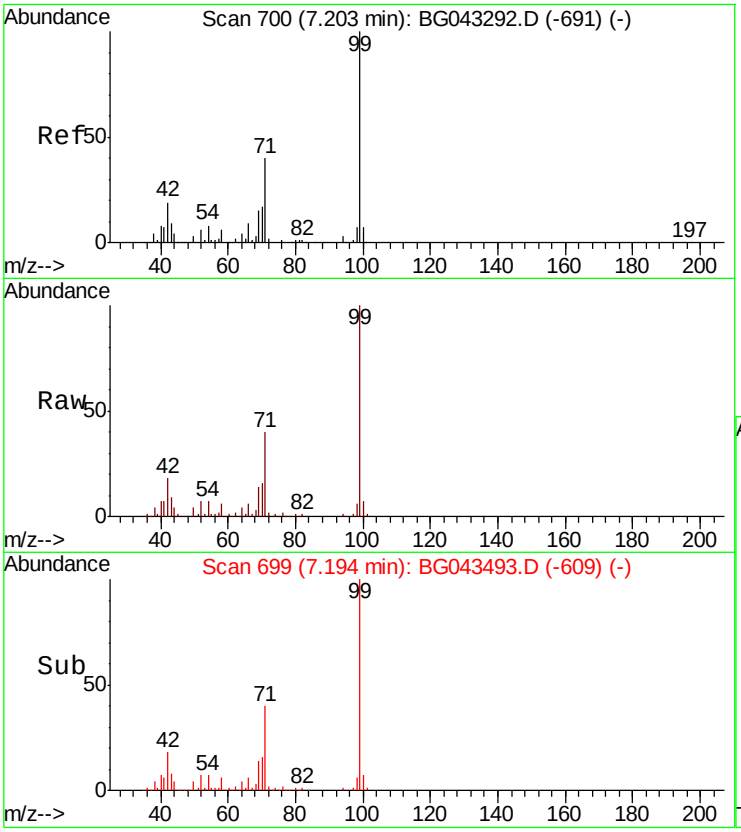


#5
2-Fluorophenol
Concen: 79.553 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:112 Resp: 170424

Ion	Ratio	Lower	Upper
112	100		
64	58.8	50.0	75.0
63	34.9	26.6	40.0



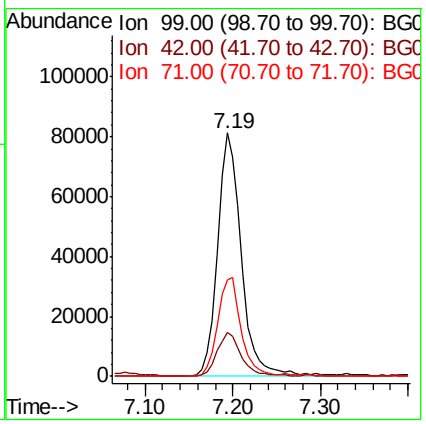


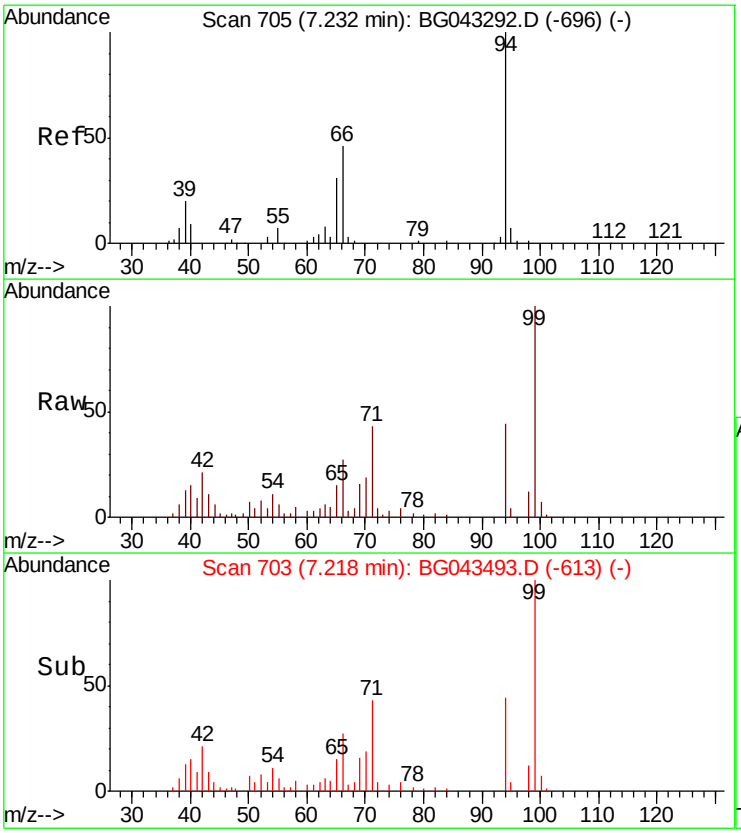
#7
Phenol-d6
Concen: 49.619 ng
RT: 7.19 min Scan# 699
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion: 99 Resp: 152938

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.6	21.8
71	39.5	32.5	48.7

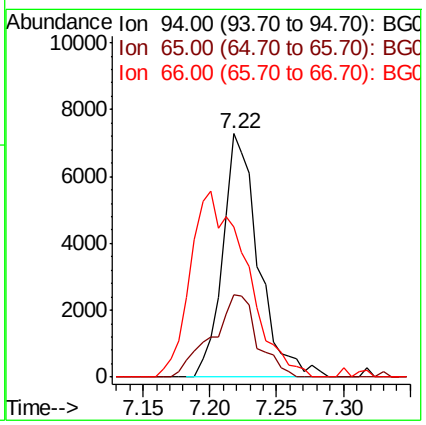


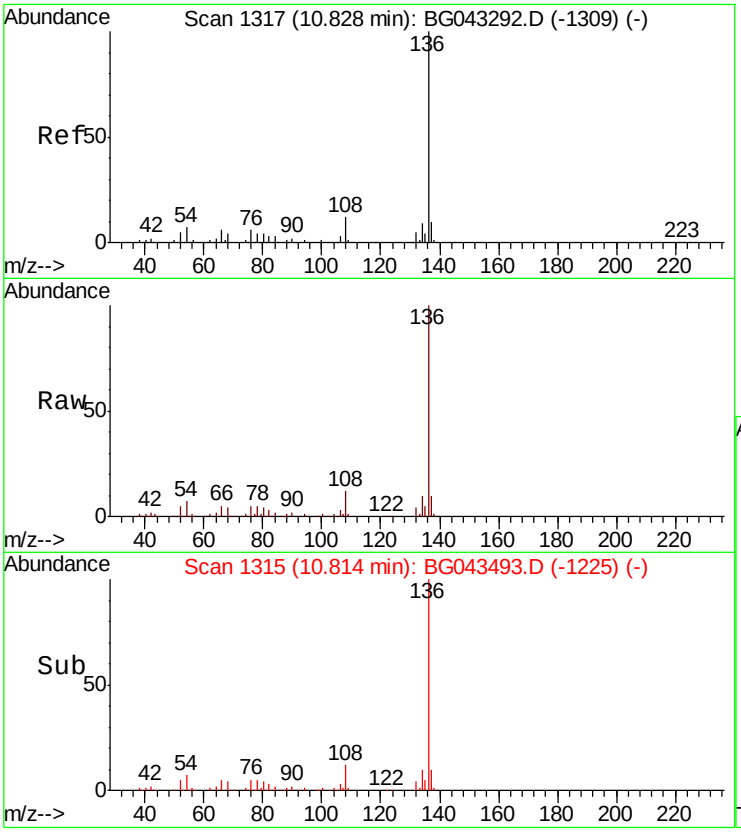


#10
Phenol
Concen: 4.850 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion: 94 Resp: 13659

Ion	Ratio	Lower	Upper
94	100		
65	34.0	12.6	52.6
66	61.6	30.7	70.7



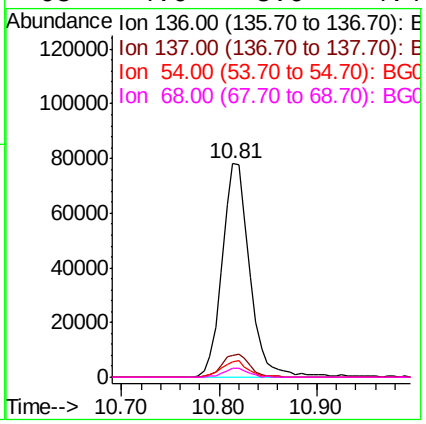


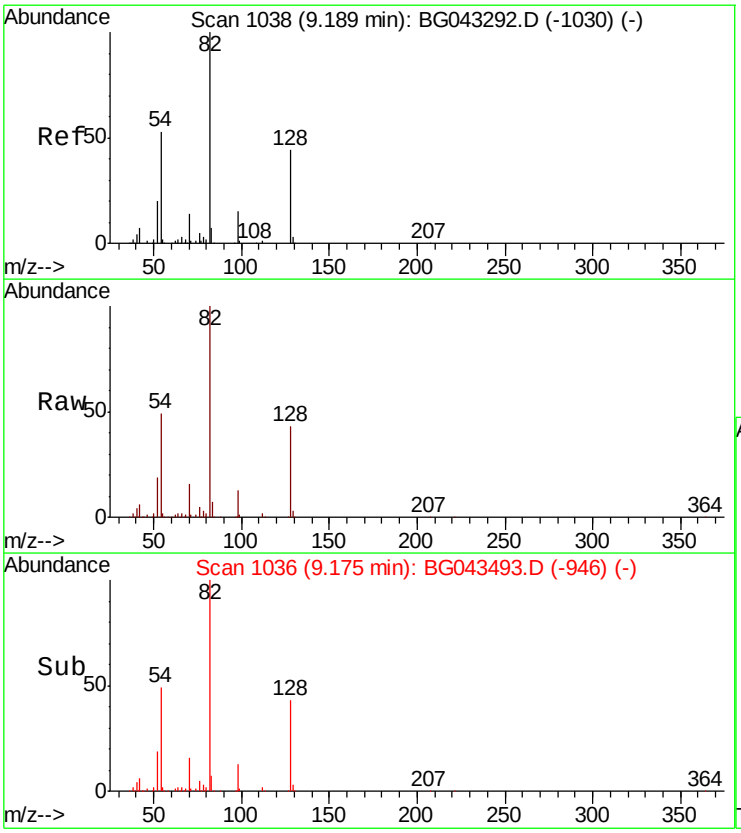
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:136 Resp: 153979

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	7.2	5.4	8.2
68	4.0	3.0	4.4

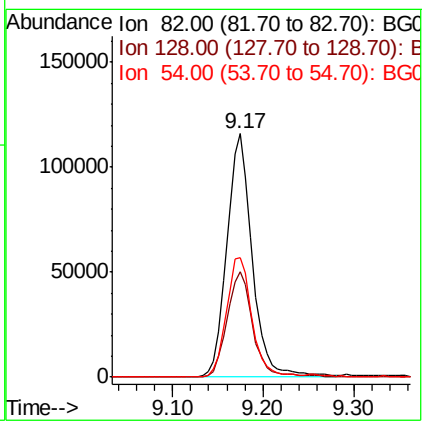


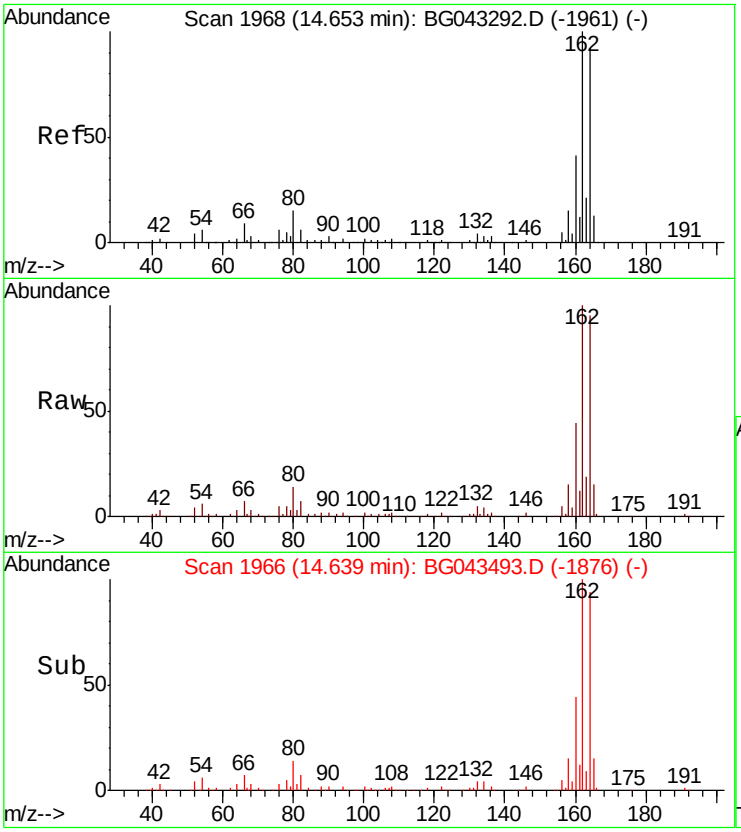


#23
Nitrobenzene-d5
Concen: 75.726 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion: 82 Resp: 226172

Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.0	52.6
54	49.0	40.2	60.2



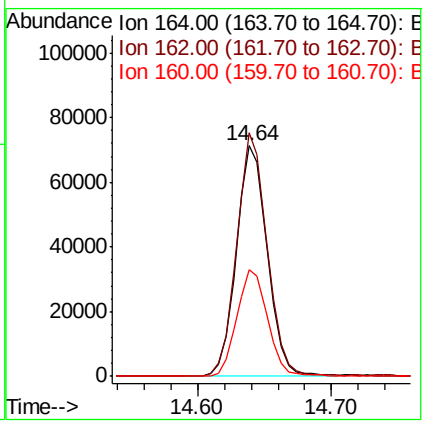


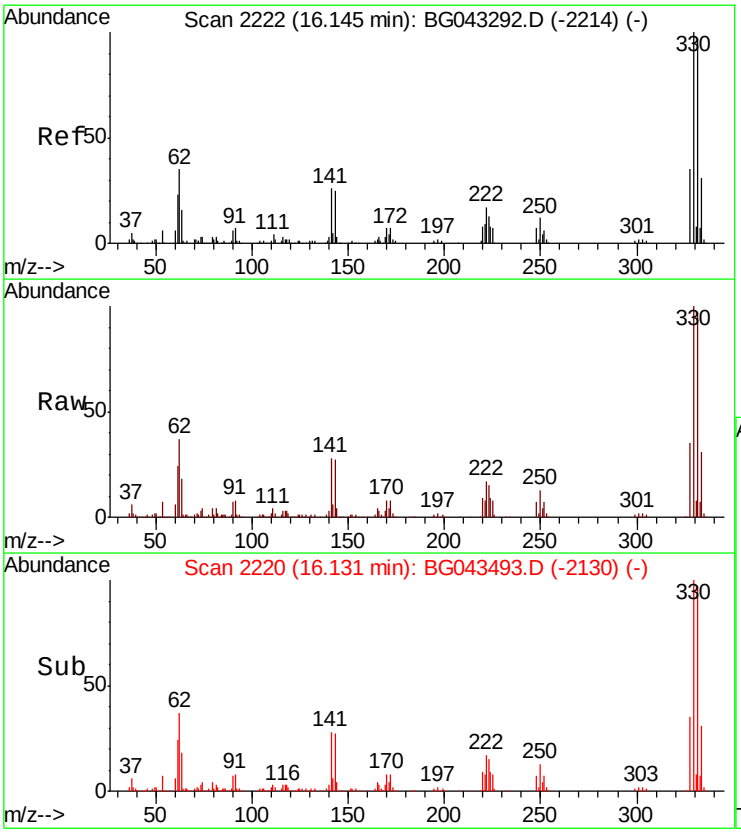
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:164 Resp: 113701

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.5	125.3
160	46.1	36.5	54.7

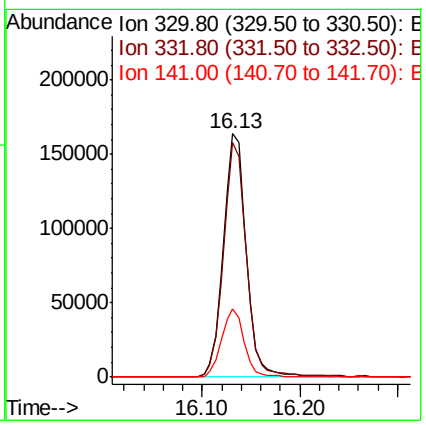


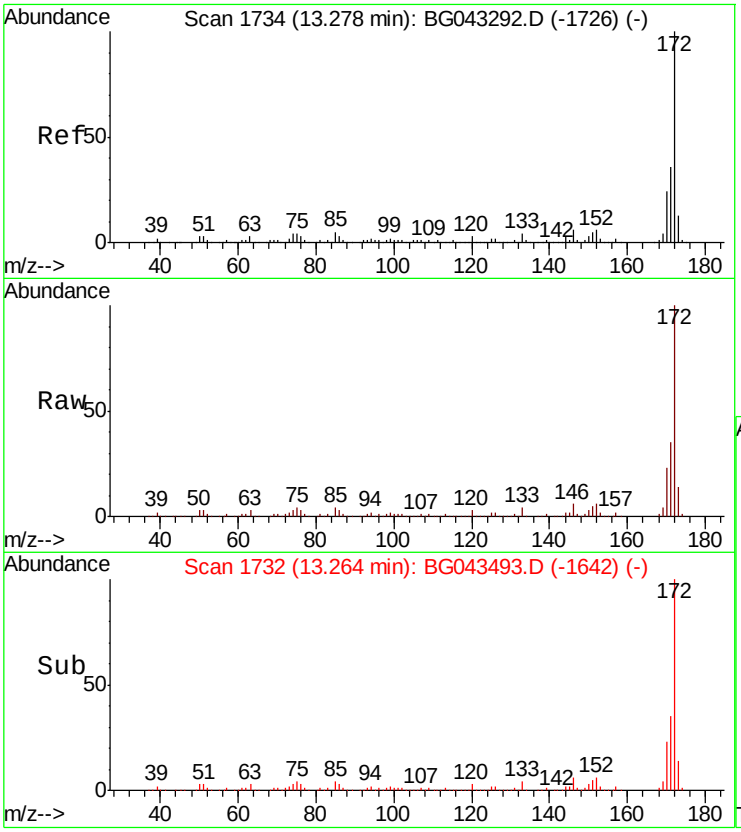


#42
2,4,6-Tribromophenol
Concen: 123.448 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:330 Resp: 267109

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	27.8	22.8	34.2



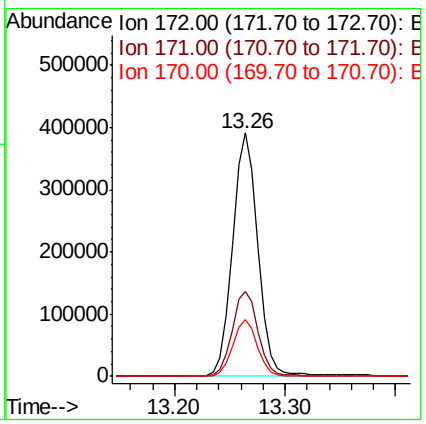


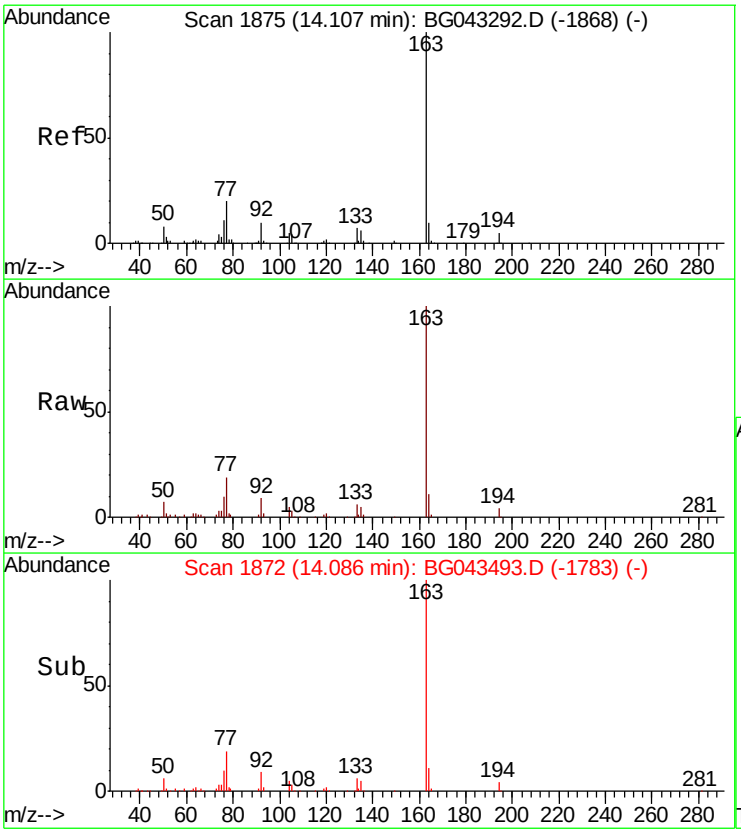
#45
2-Fluorobiphenyl
Concen: 76.643 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:172 Resp: 630657

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	23.1	18.5	27.7

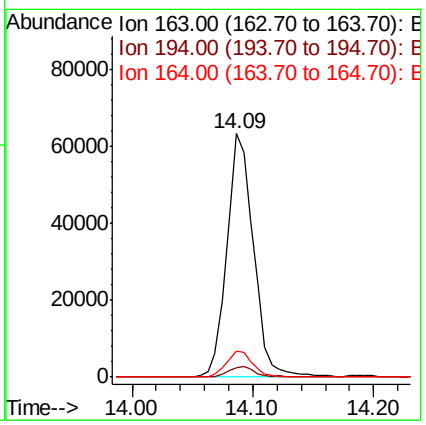


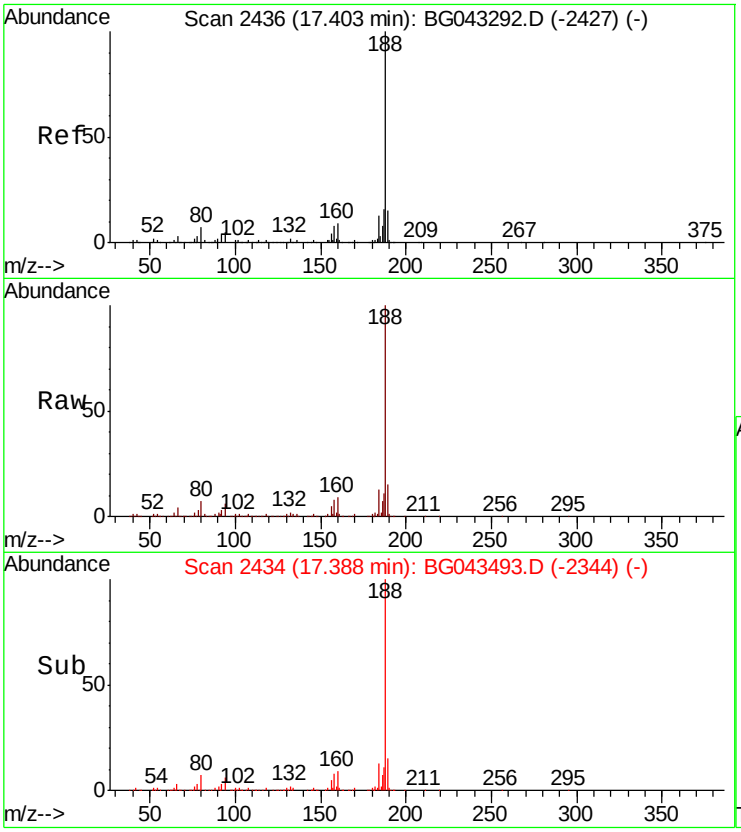


#50
Dimethylphthalate
Concen: 11.020 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:163 Resp: 97056

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.8	5.6
164	10.7	8.9	13.3



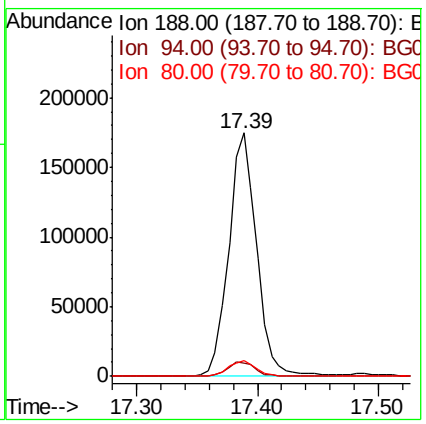


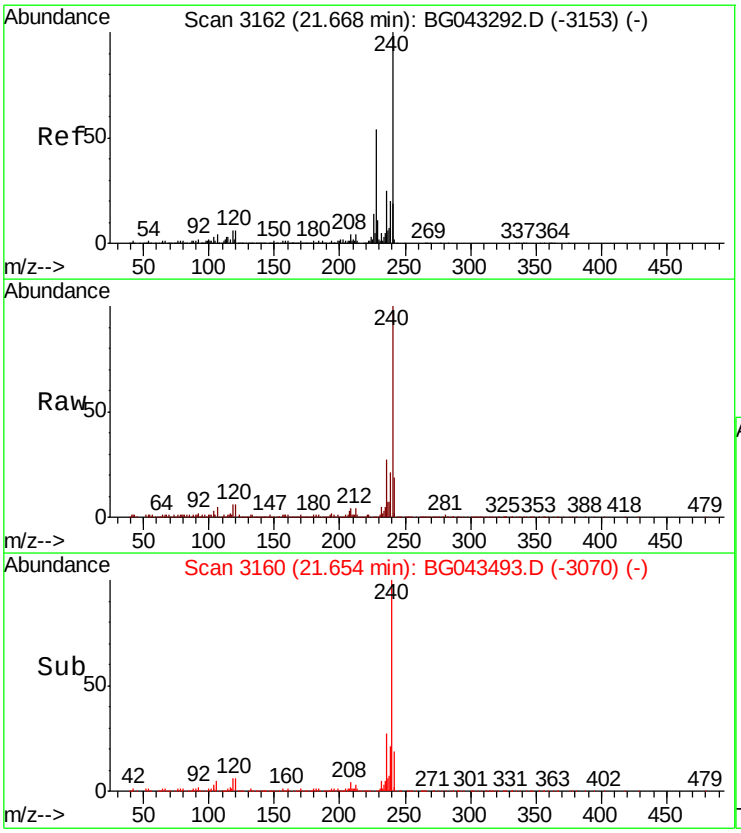
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:188 Resp: 280515

Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.4
80	6.6	4.5	6.7

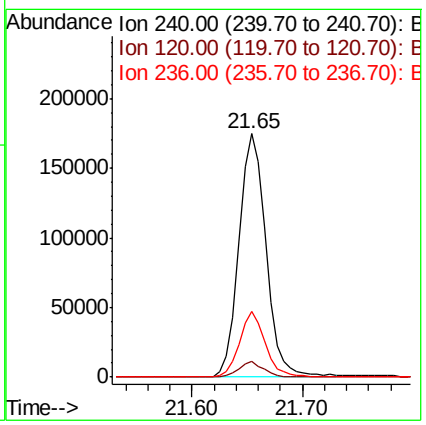


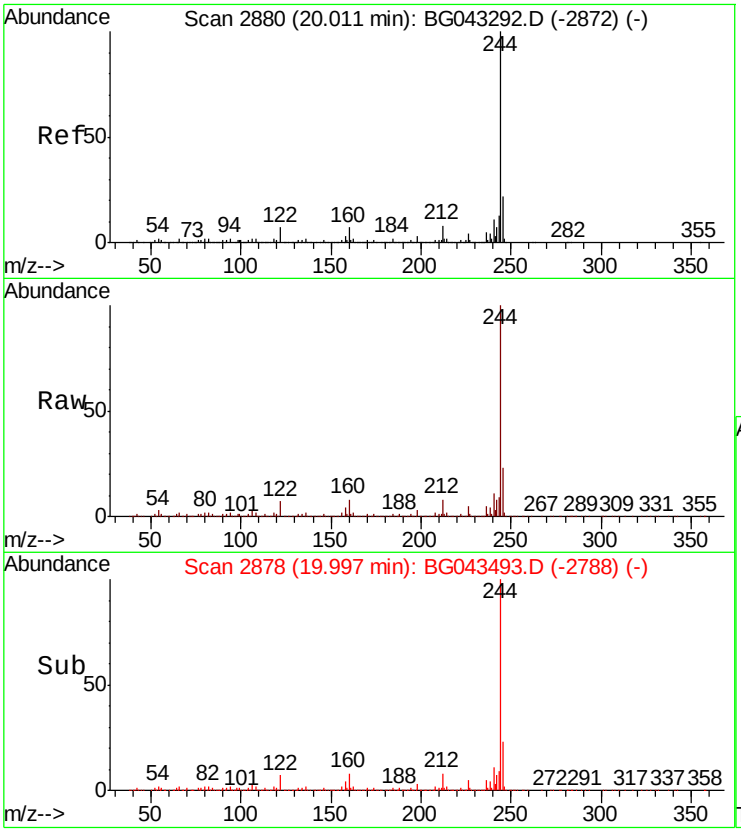


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:240 Resp: 301018

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.6	6.8
236	27.1	19.8	29.8



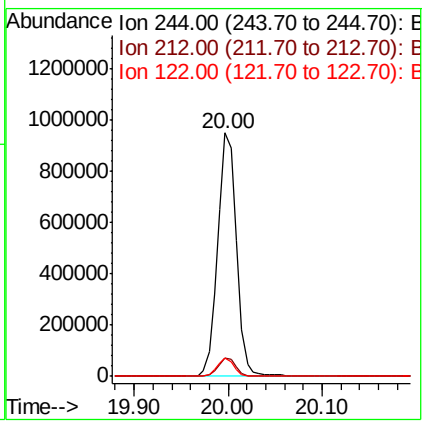


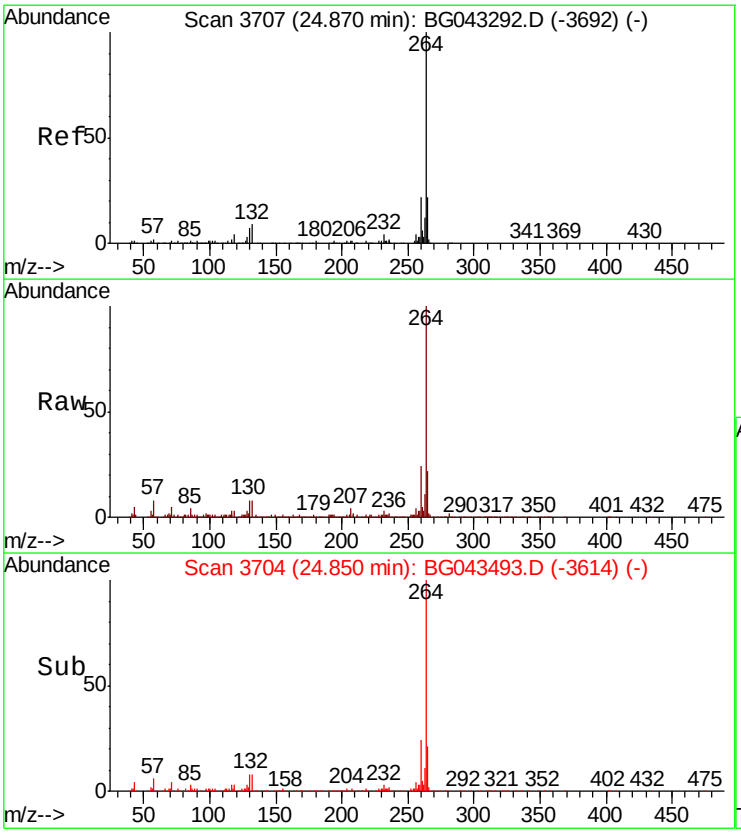
#79
Terphenyl-d14
Concen: 82.860 ng
RT: 20.00 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tgt Ion:244 Resp: 1329505

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	7.4	5.4	8.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG043493.D
Acq: 4 Nov 2019 22:58

Tgt Ion:264 Resp: 372474

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.5	26.3
265	21.5	17.4	26.0