Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043458.D
Acq On : 1 Nov 2019 8:01
Operator : JU
Sample : K5143-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-08-103019

Quant Time: Nov 01 09:05:17 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	41282	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152359	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113175	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	271845	20.00	ng	0.00
76) Chrysene-d12	21.66	240	283402	20.00	ng	0.00
87) Perylene-d12	24.86	264	333884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	296928	131.80	ng	0.00
7) Phenol-d6	7.21	99	424862	131.08	ng	0.00
23) Nitrobenzene-d5	9.18	82	250503	84.76	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	277765	128.97	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	678272	82.81	ng	0.00
79) Terphenyl-d14	20.00	244	1415460	93.70	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.23	94	19648	6.634	ng	84
50) Dimethylphthalate	14.10	163	149821	17.091	ng	99

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

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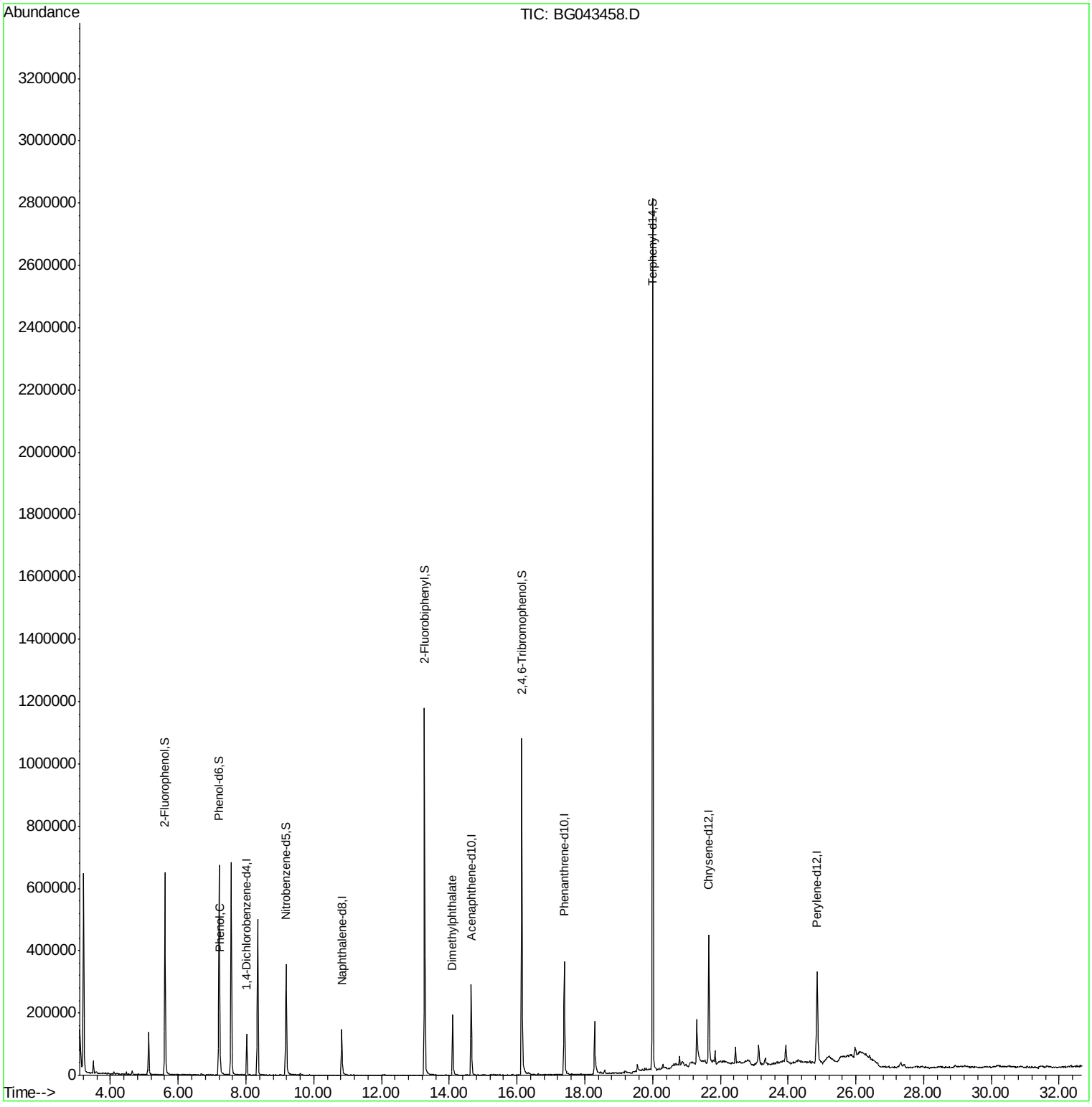
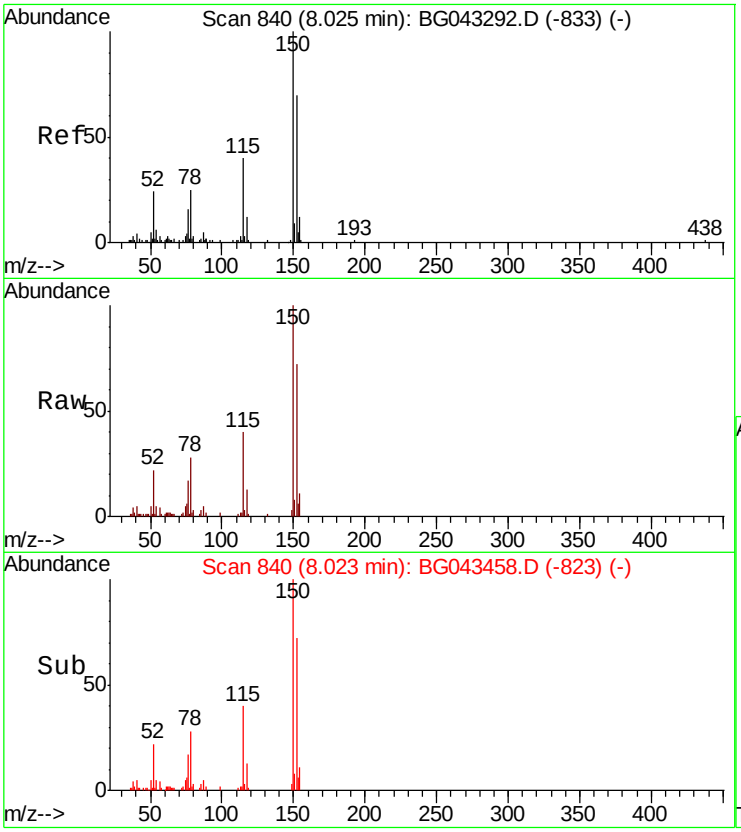


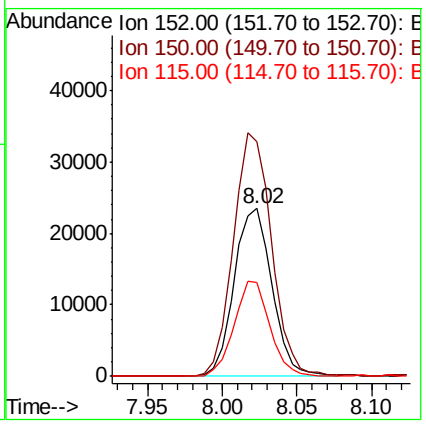


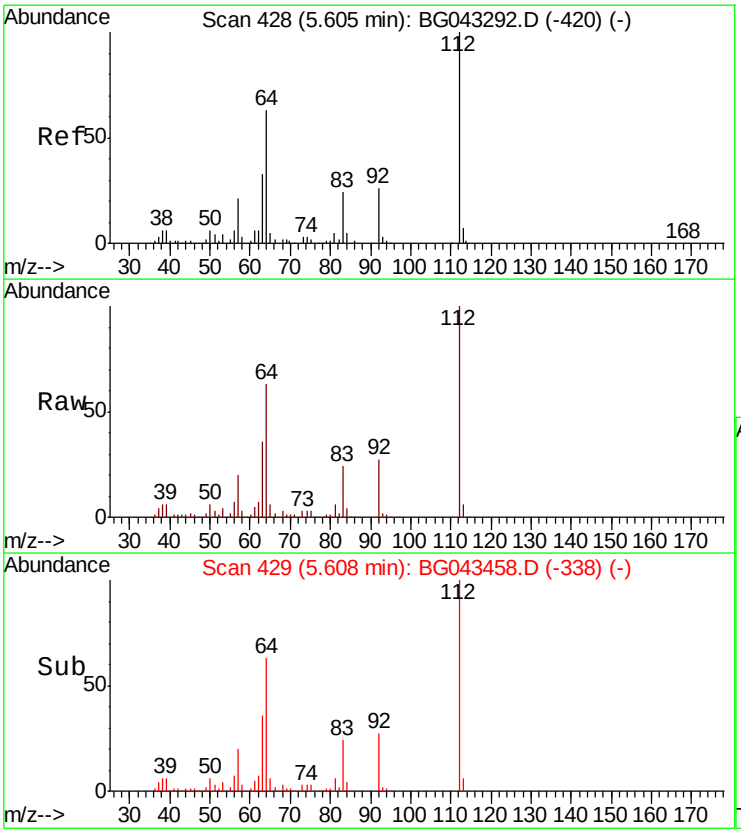
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion:152 Resp: 41282

Ion	Ratio	Lower	Upper
152	100		
150	139.6	113.6	170.4
115	55.6	45.9	68.9

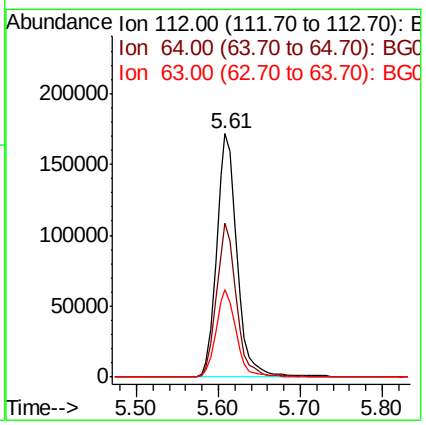


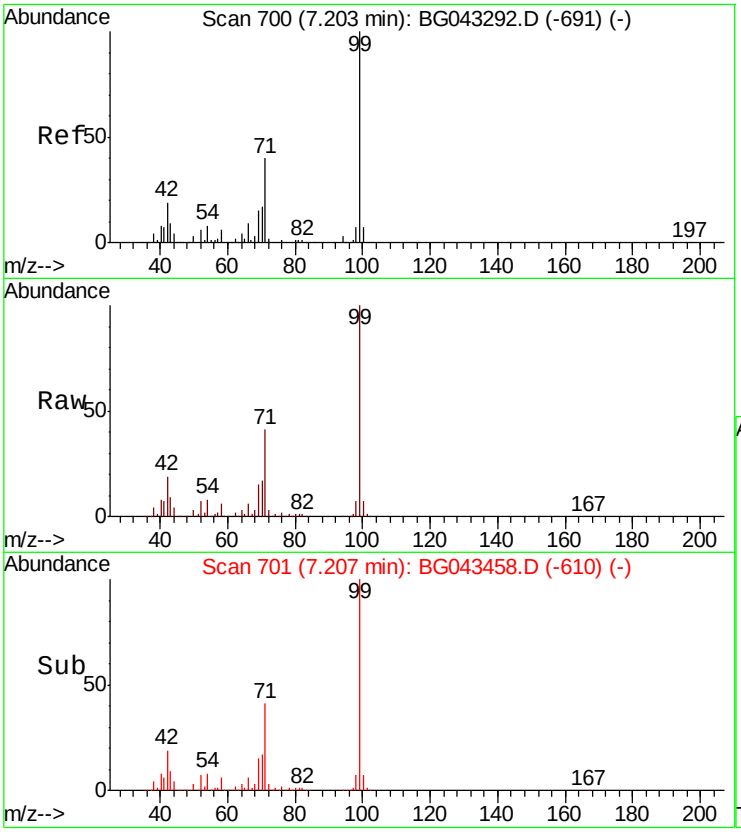


#5
2-Fluorophenol
Concen: 131.802 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion:112 Resp: 296928

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.2	75.2
63	36.0	26.7	40.1



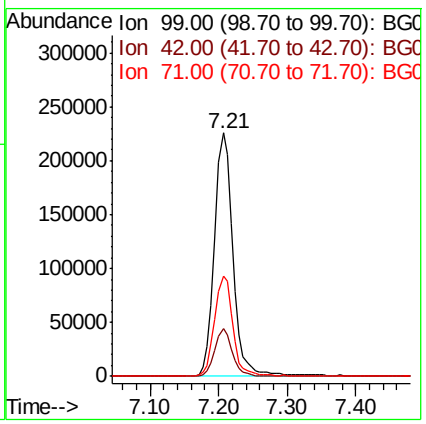


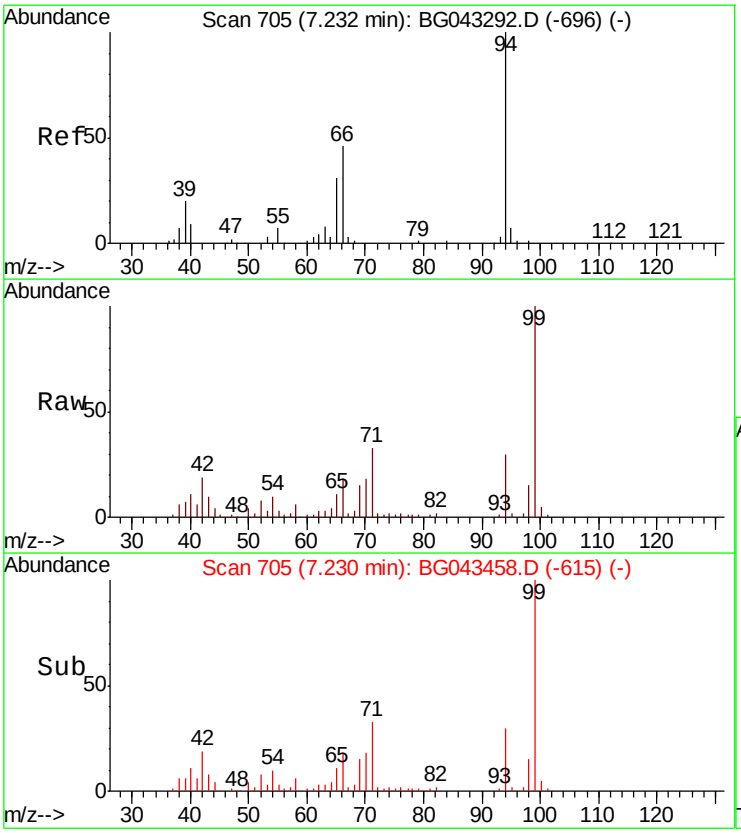
#7
Phenol-d6
Concen: 131.078 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion: 99 Resp: 424862

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.9	22.3
71	41.0	32.2	48.2

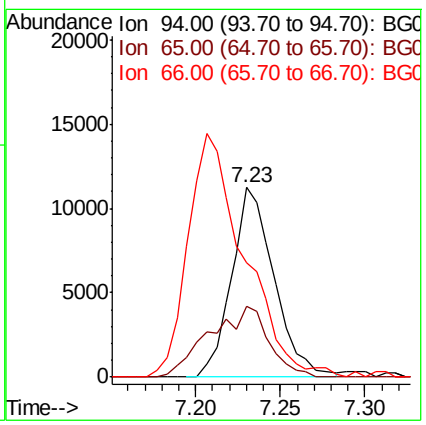


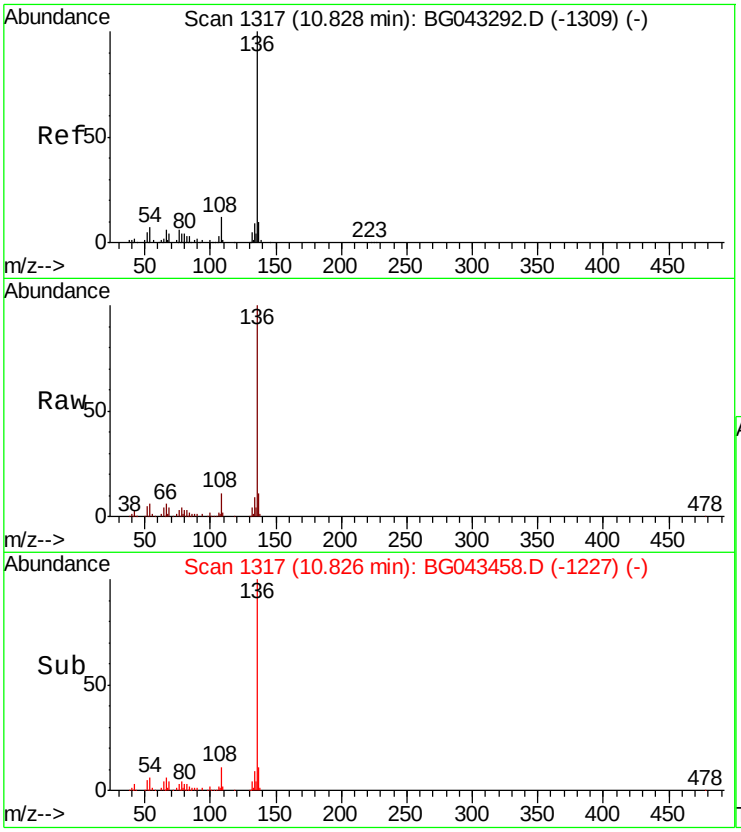


#10
Phenol
Concen: 6.634 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion: 94 Resp: 19648

Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.1	51.1
66	60.0	27.8	67.8



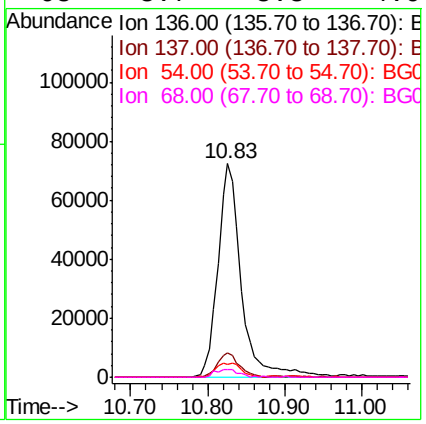


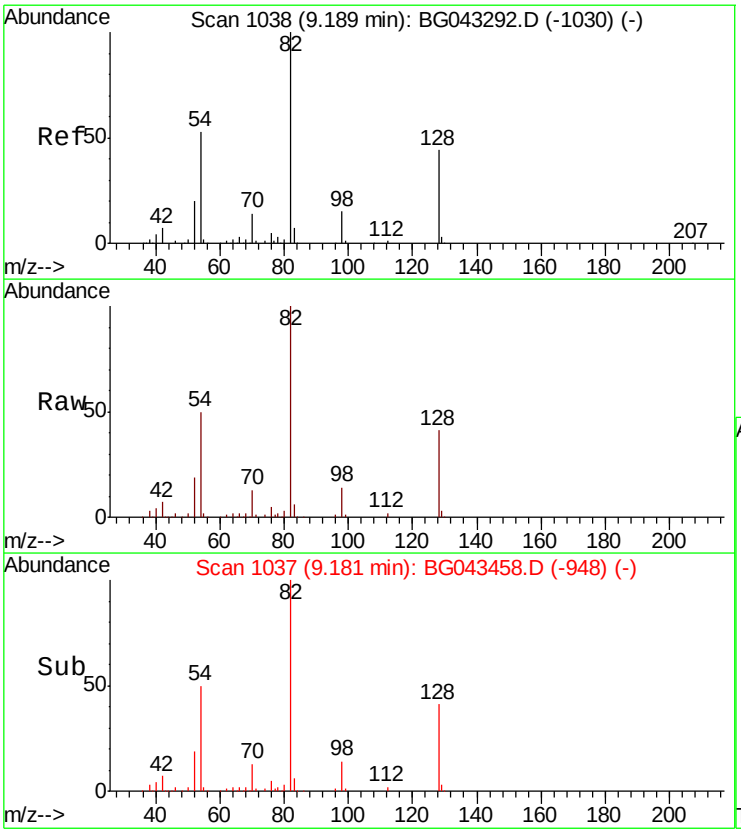
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument : BNA_G
ClientSampleId : NB-08-103019

Tgt Ion:136 Resp: 152359

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	6.2	5.4	8.2
68	3.7	3.3	4.9

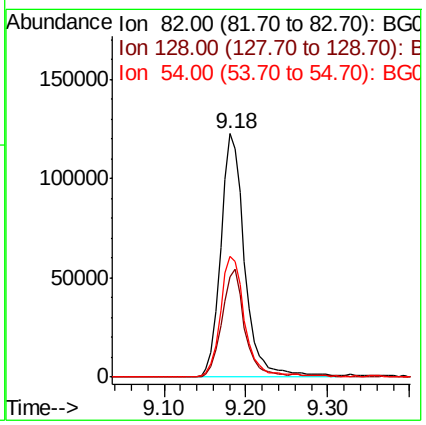


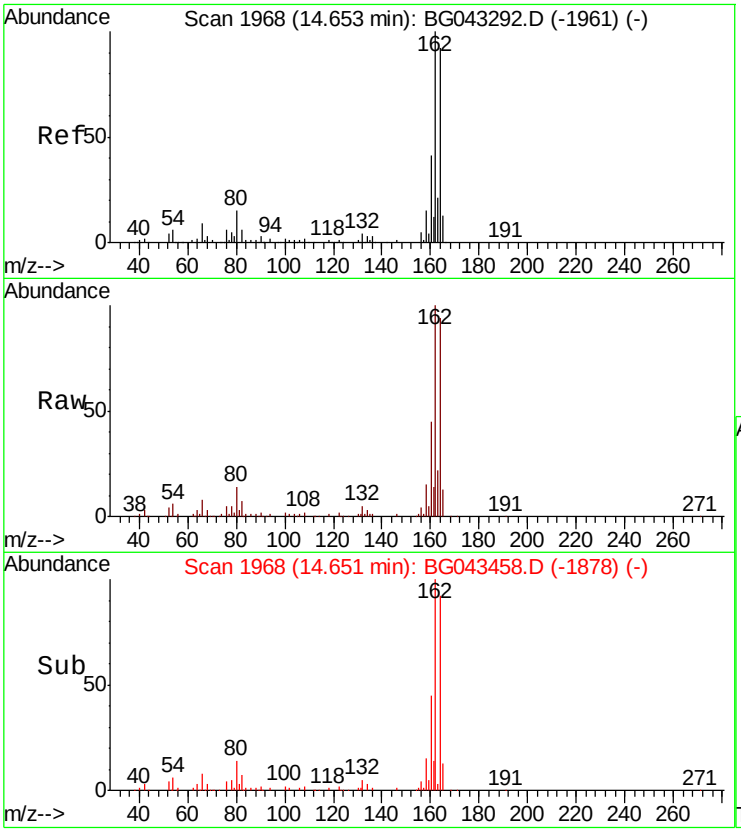


#23
Nitrobenzene-d5
Concen: 84.764 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion: 82 Resp: 250503

Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.3	52.9
54	49.5	42.3	63.5



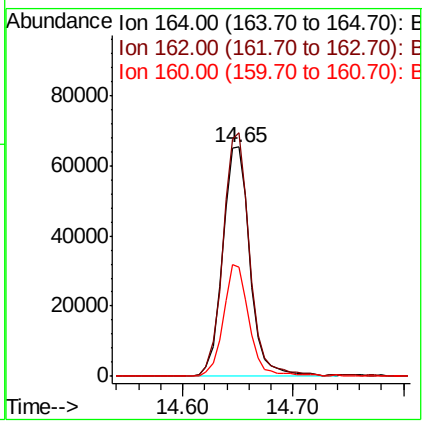


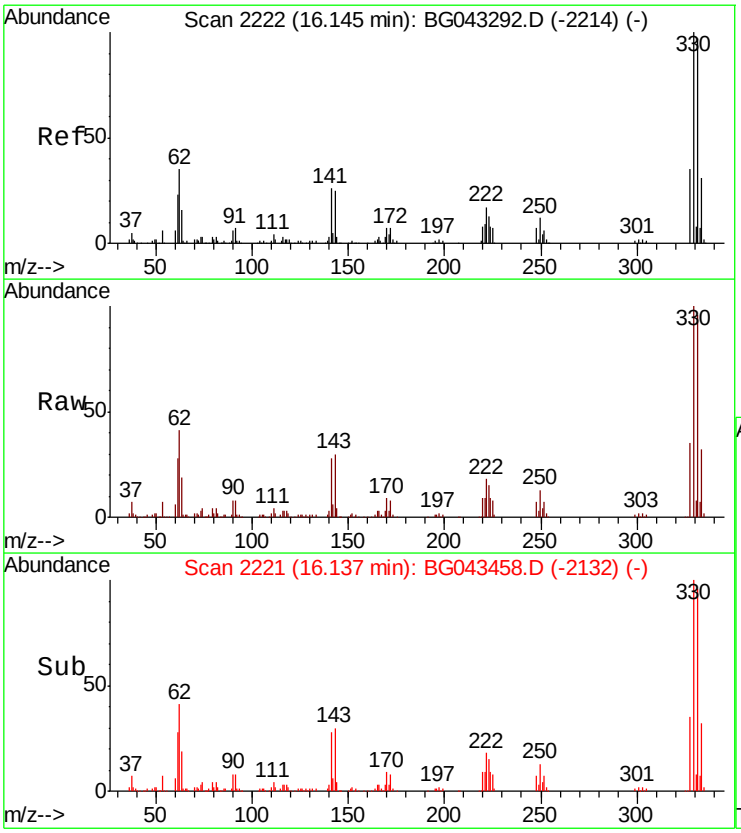
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion:164 Resp: 113175

Ion	Ratio	Lower	Upper
164	100		
162	106.2	87.0	130.4
160	47.8	35.5	53.3

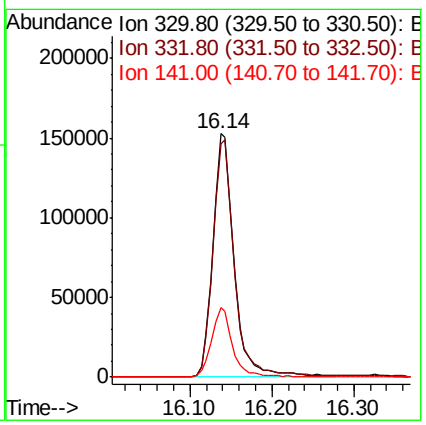


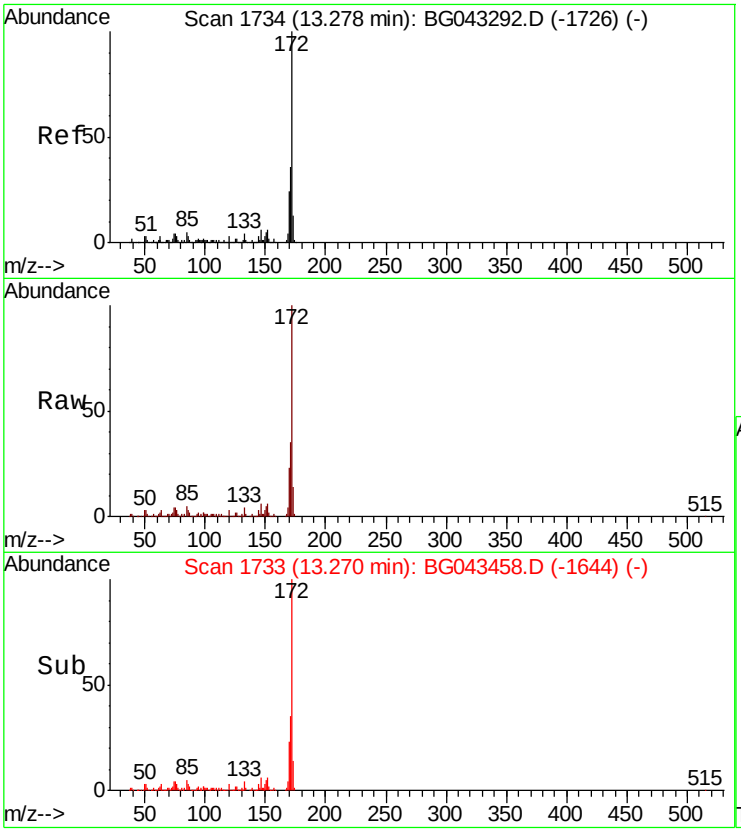


#42
2,4,6-Tribromophenol
Concen: 128.970 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion:330 Resp: 277765

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.4	114.6
141	27.8	21.4	32.0



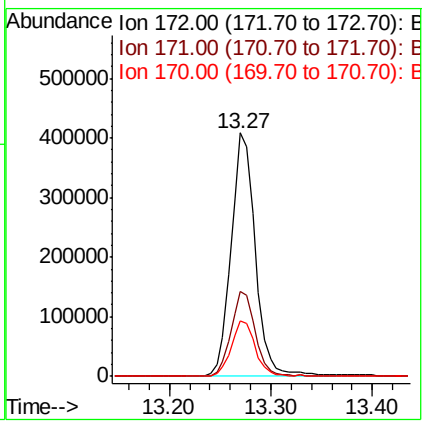


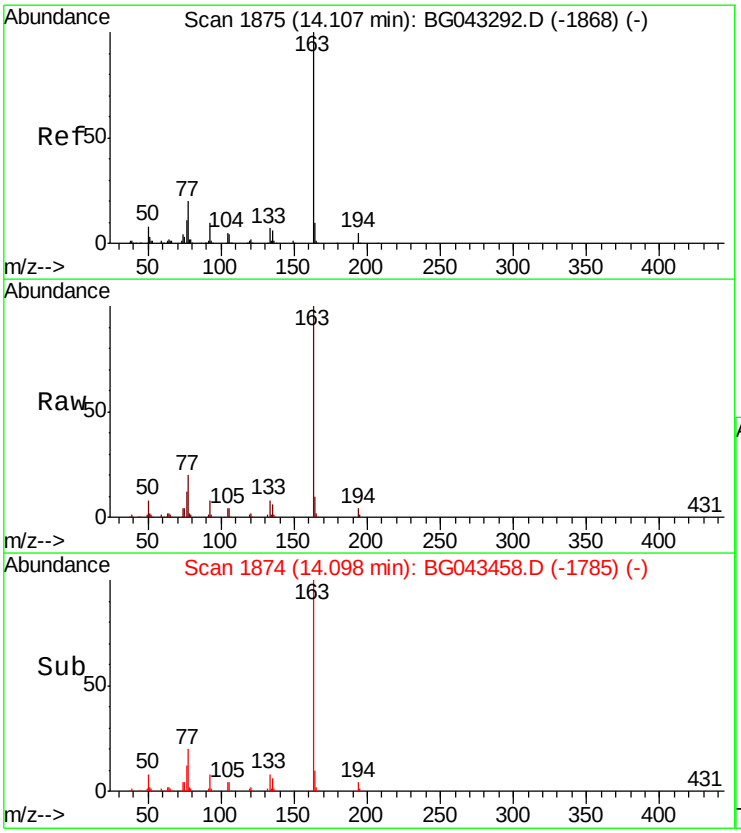
#45
2-Fluorobiphenyl
Concen: 82.813 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion:172 Resp: 678272

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	22.9	18.8	28.2

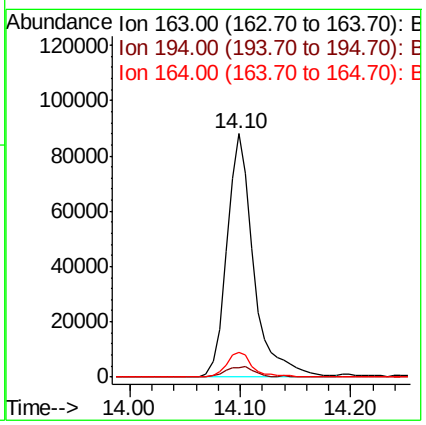


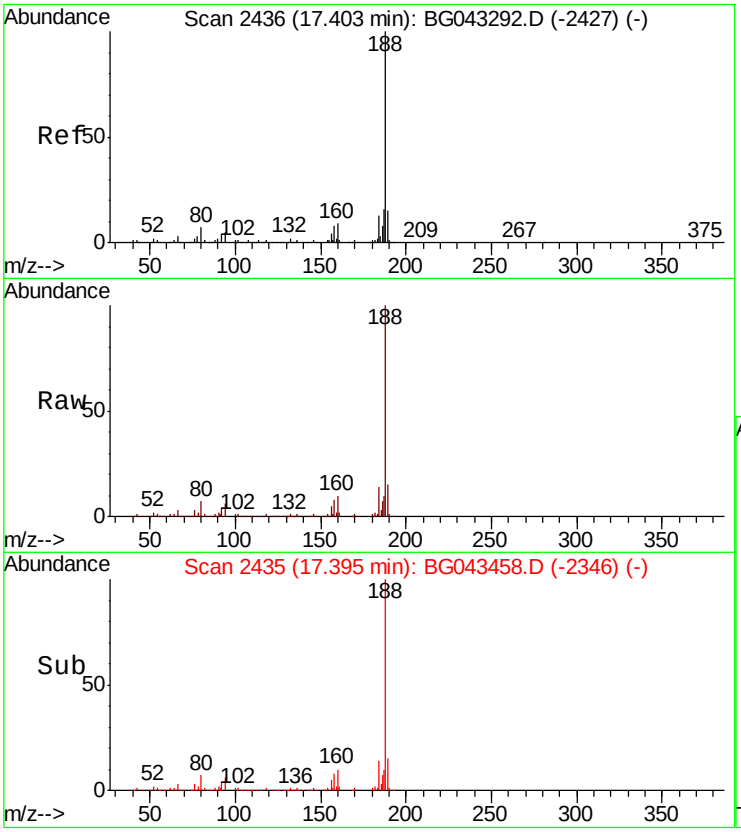


#50
Dimethylphthalate
Concen: 17.091 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion:163 Resp: 149821

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.3	8.1	12.1



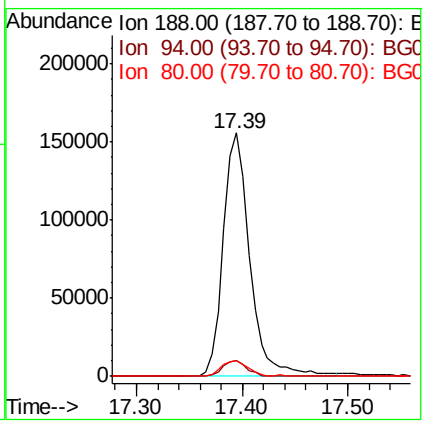


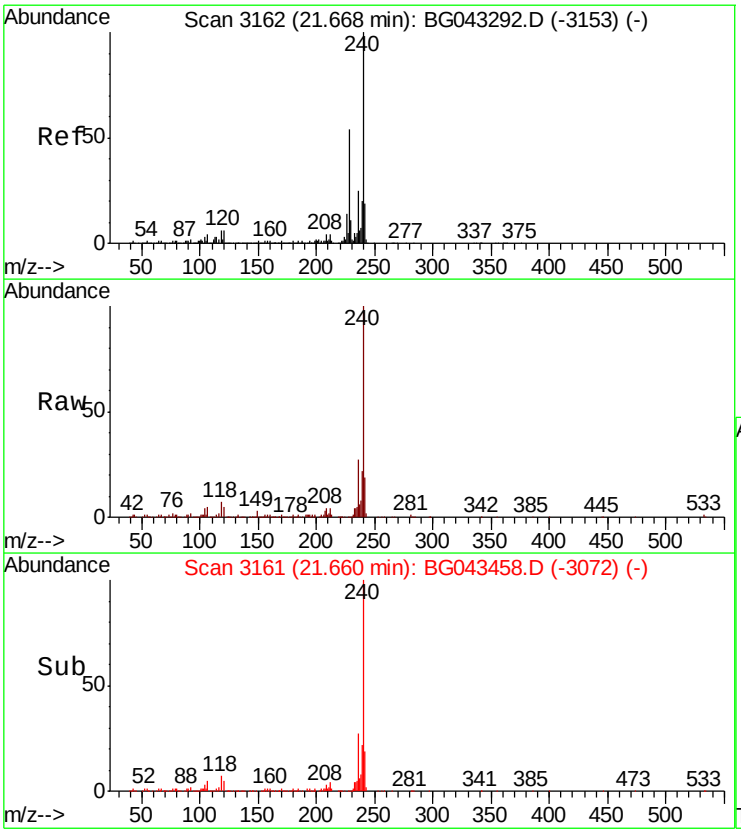
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion:188 Resp: 271845

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.2#
80	6.7	5.2	7.8

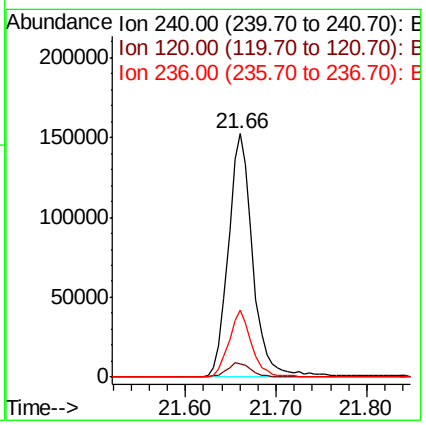


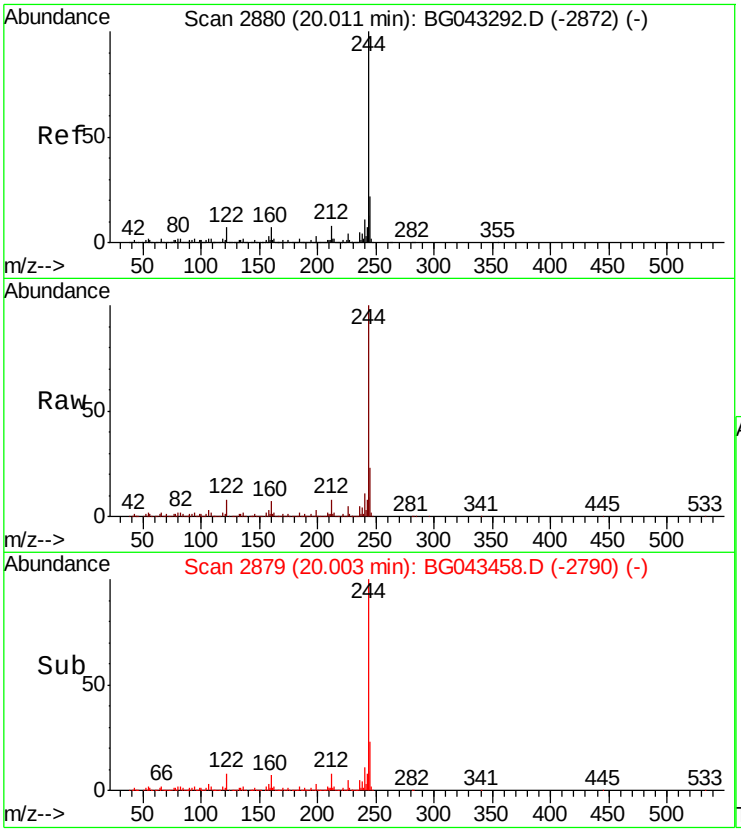


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion:240 Resp: 283402

Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	7.0
236	27.4	20.2	30.4



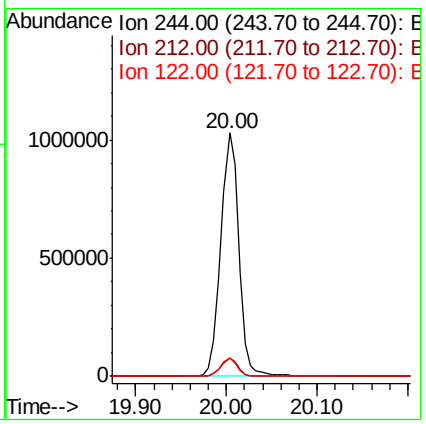


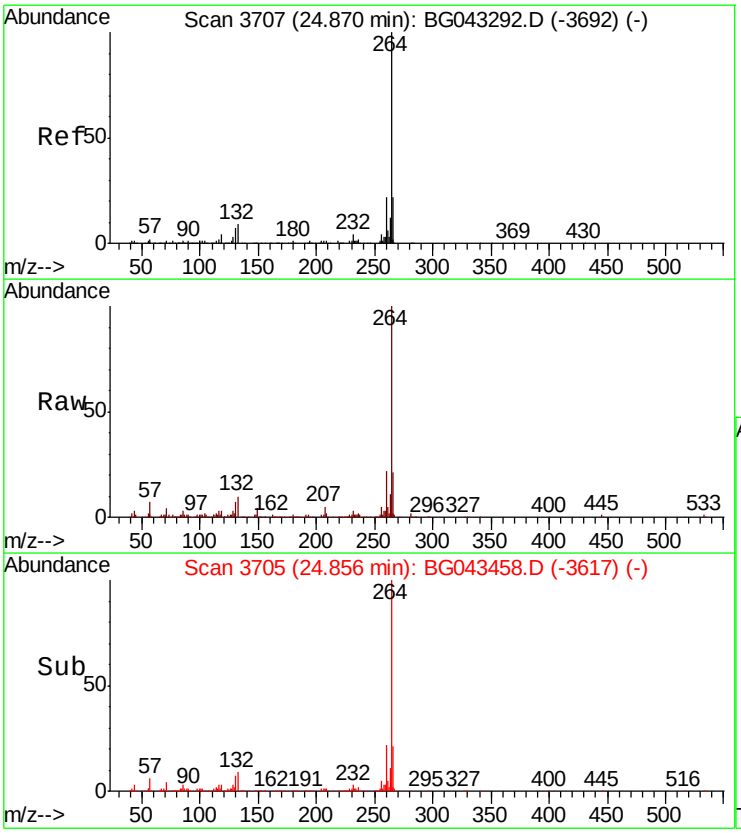
#79
Terphenyl-d14
Concen: 93.700 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Instrument :
BNA_G
ClientSampleId :
NB-08-103019

Tgt Ion:244 Resp: 1415460

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	7.6	5.3	7.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.86 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG043458.D
Acq: 1 Nov 2019 8:01

Tgt Ion:264 Resp: 333884

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.9	26.9
265	21.4	17.4	26.2