Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043716.D
Acq On : 20 Nov 2019 4:01
Operator : JU
Sample : K5669-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-111519

Quant Time: Nov 20 05:57:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	27339	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	96339	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	73349	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	188265	20.00	ng		0.00
76) Chrysene-d12	21.63	240	205955	20.00	ng		0.00
87) Perylene-d12	24.81	264	241714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	210395	141.02	ng		0.00
7) Phenol-d6	7.18	99	279131	130.04	ng		0.00
23) Nitrobenzene-d5	9.16	82	174577	93.42	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	184142	131.92	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	481980	90.80	ng		0.00
79) Terphenyl-d14	19.98	244	1065317	97.04	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.21	94	15035	7.665	ng		84
50) Dimethylphthalate	14.07	163	46402	8.167	ng	#	96

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

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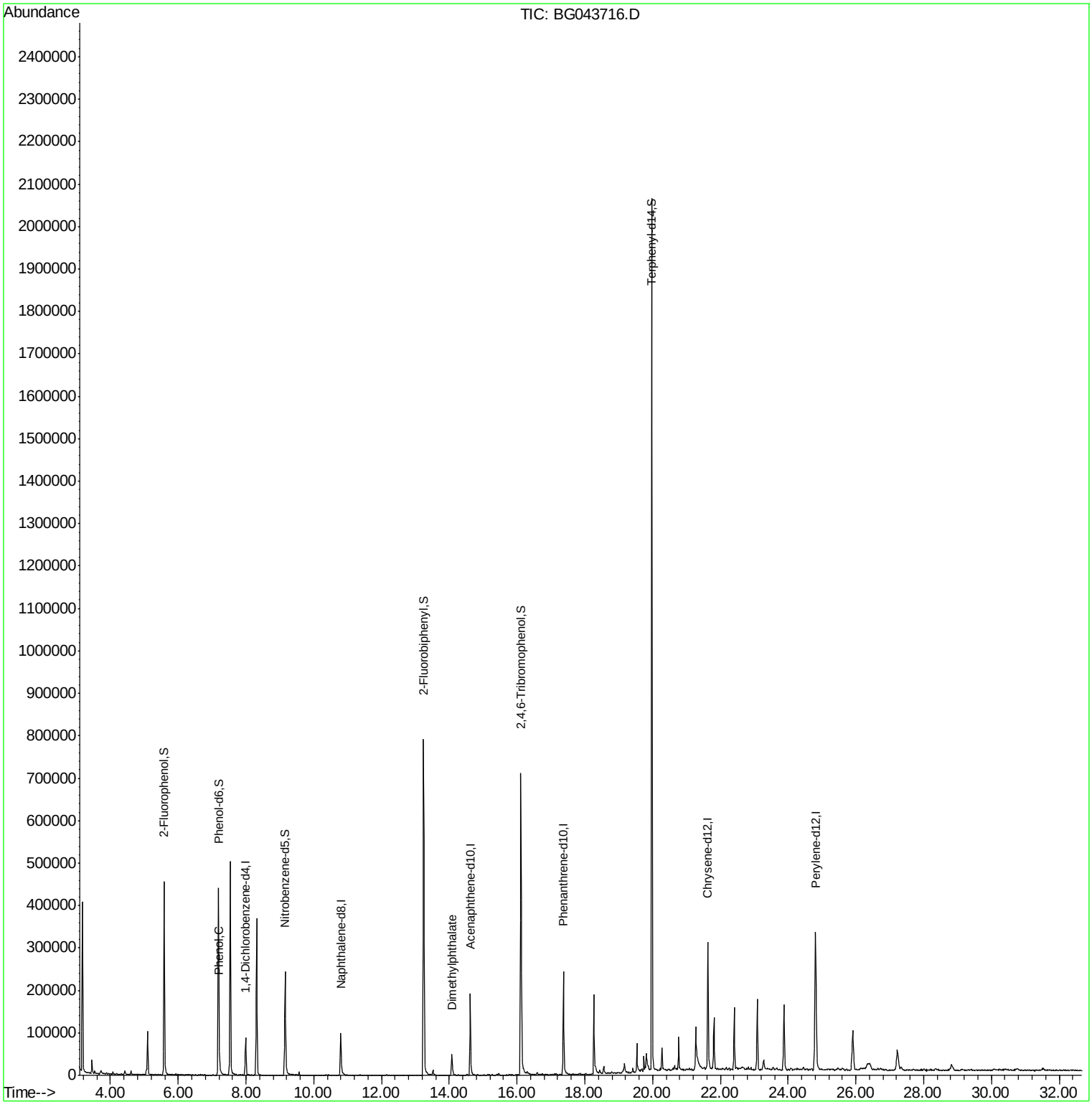
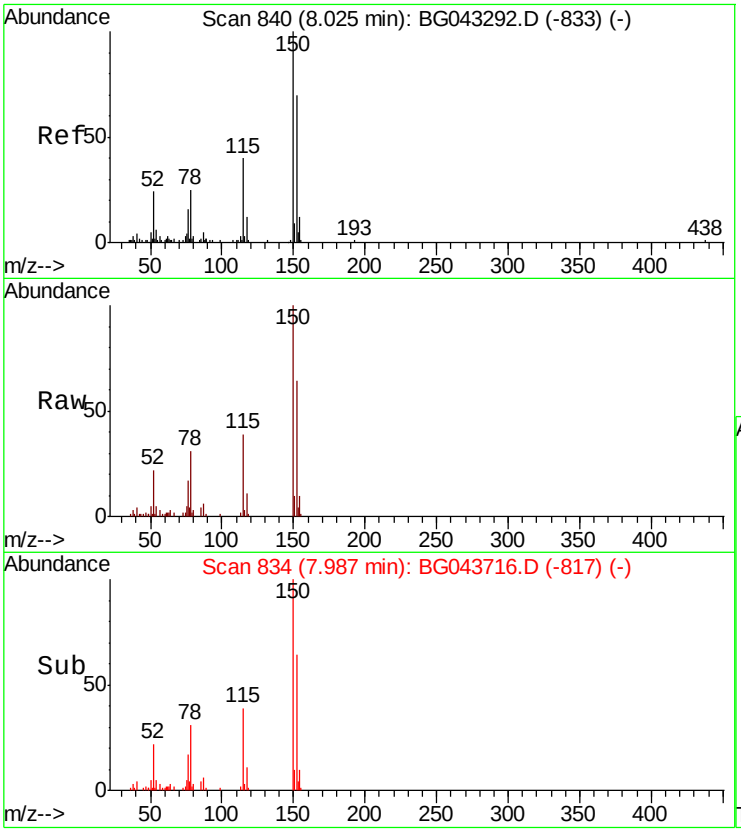


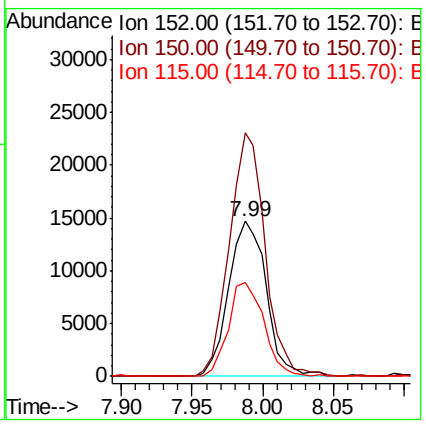


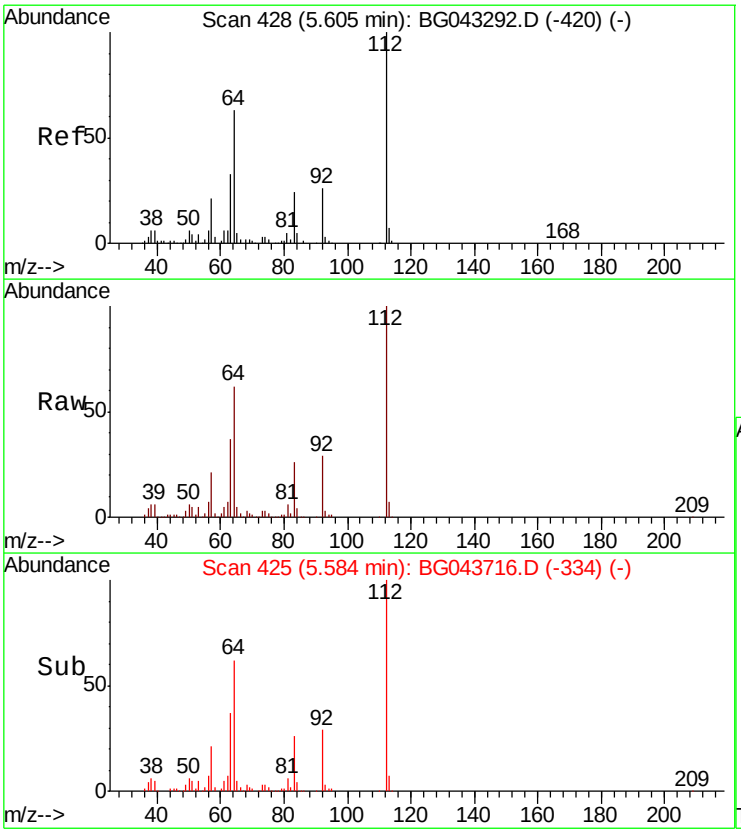
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:152 Resp: 27339

Ion	Ratio	Lower	Upper
152	100		
150	156.9	116.6	175.0
115	60.8	40.5	60.7#

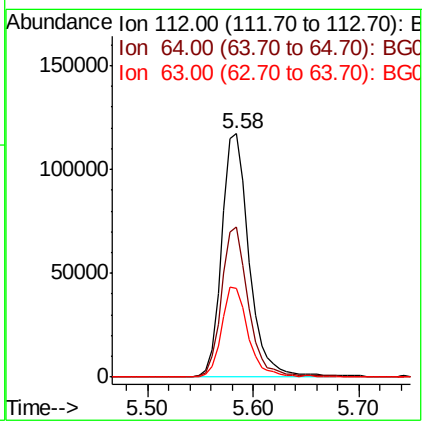


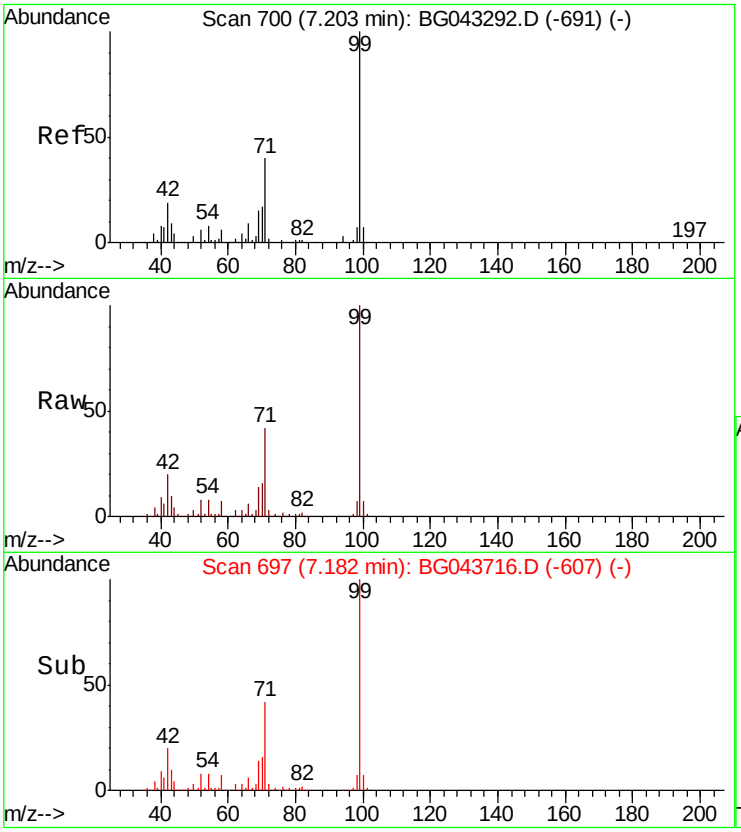


#5
2-Fluorophenol
Concen: 141.021 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:112 Resp: 210395

Ion	Ratio	Lower	Upper
112	100		
64	61.9	50.6	75.8
63	36.5	30.5	45.7



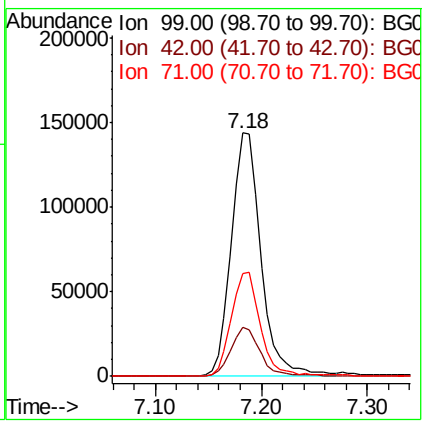


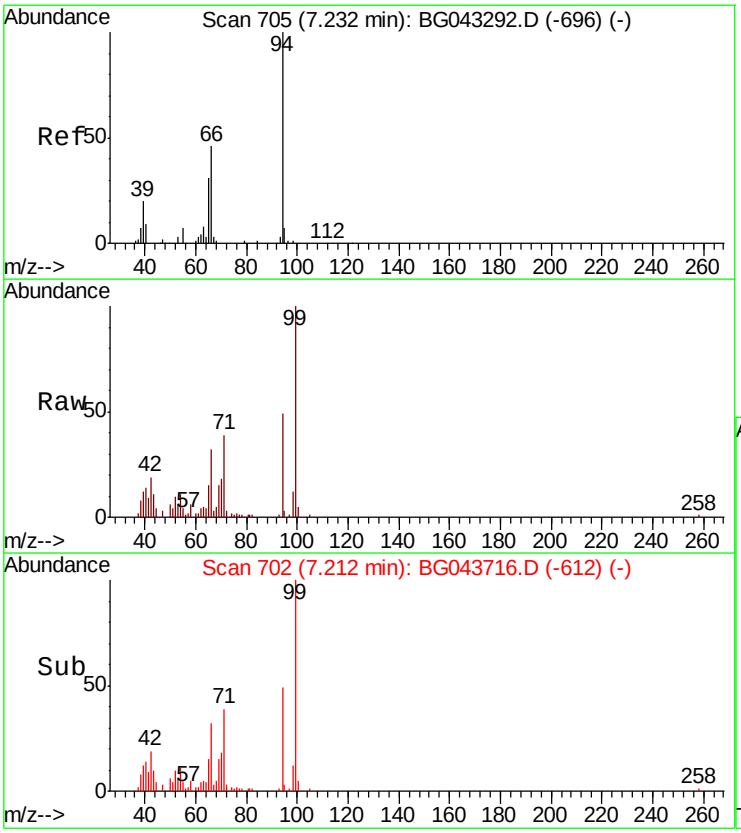
#7
Phenol-d6
Concen: 130.037 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion: 99 Resp: 279131

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.8
71	42.1	34.4	51.6

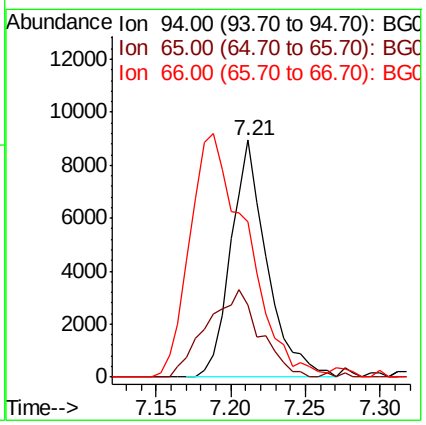


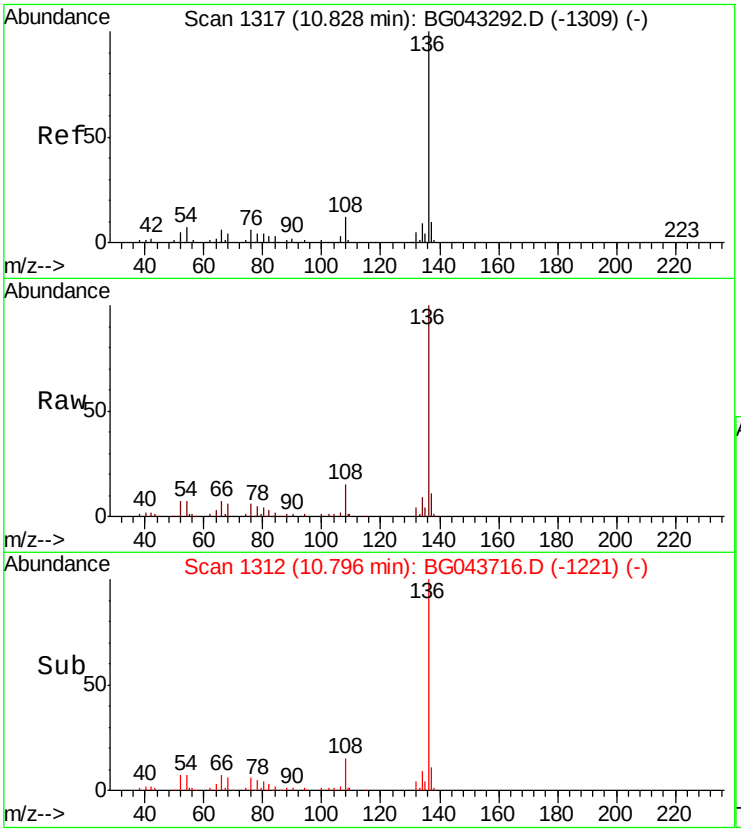


#10
Phenol
Concen: 7.665 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion: 94 Resp: 15035

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.4	51.4
66	65.7	28.4	68.4



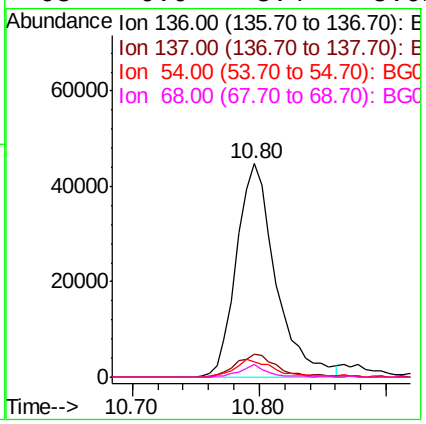


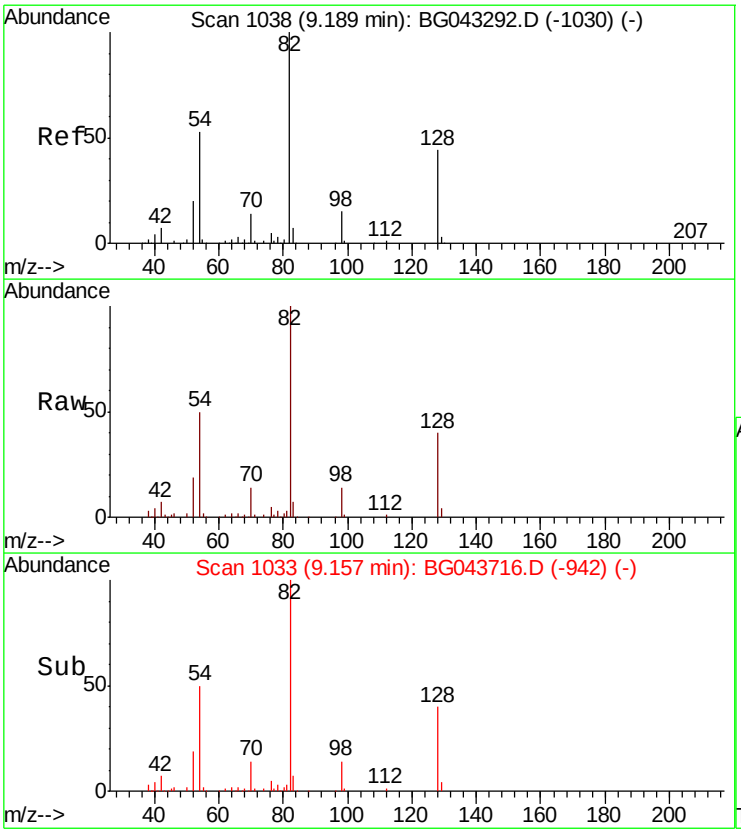
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:136 Resp: 96339

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	6.2	9.2
68	6.0	3.4	5.0#

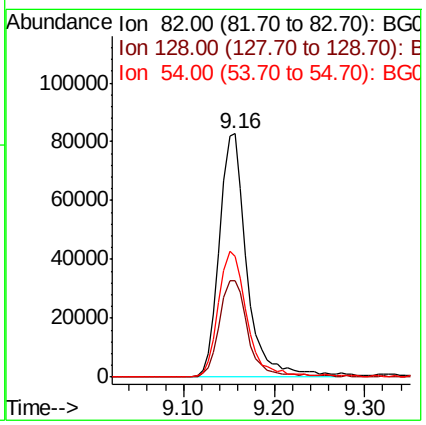


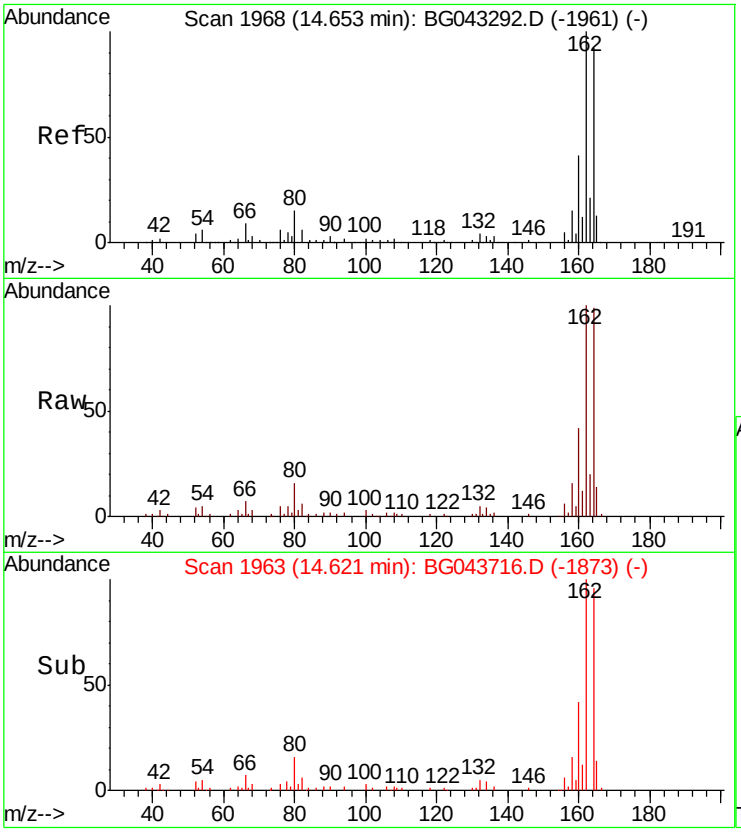


#23
Nitrobenzene-d5
Concen: 93.423 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion: 82 Resp: 174577

Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.2	51.4
54	49.5	44.7	67.1



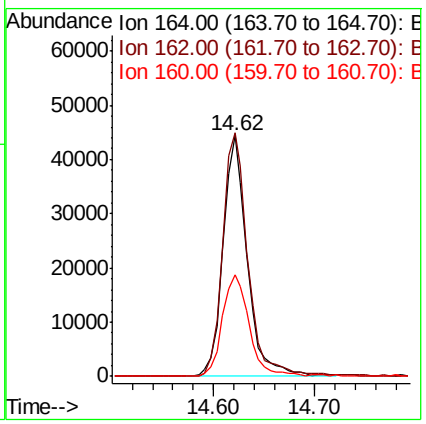


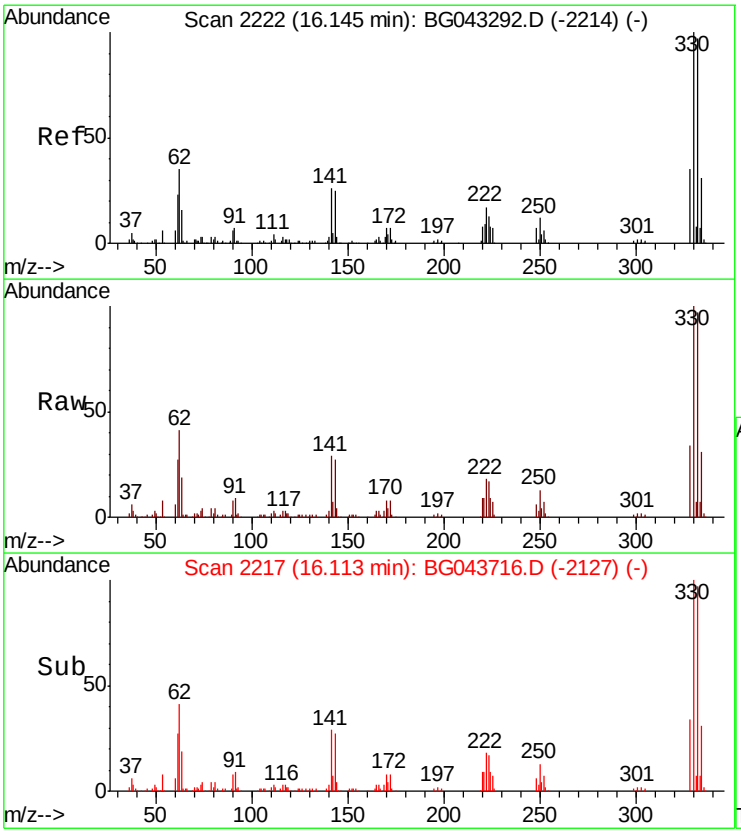
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:164 Resp: 73349

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.4	119.2
160	42.1	36.3	54.5

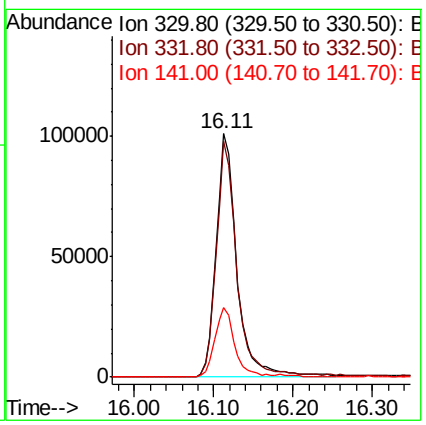


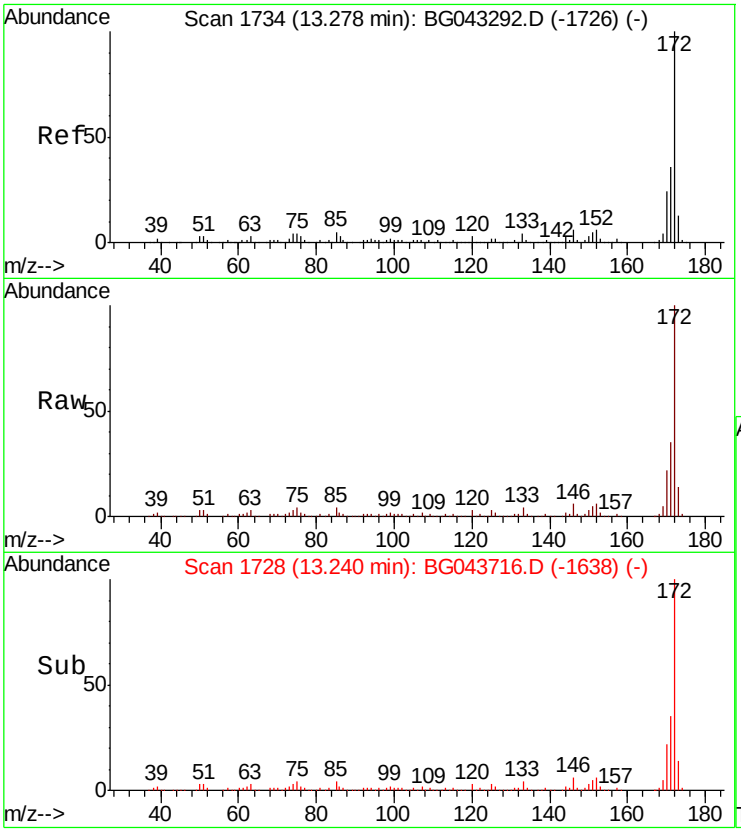


#42
2,4,6-Tribromophenol
Concen: 131.923 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:330 Resp: 184142

Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	28.1	23.4	35.2



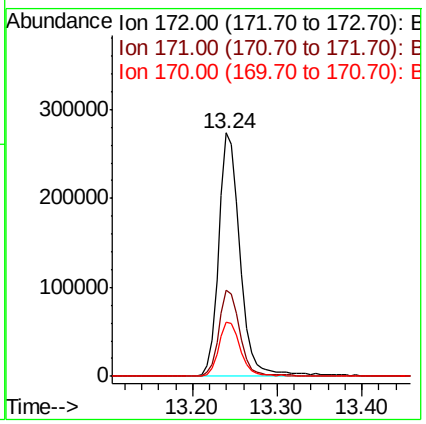


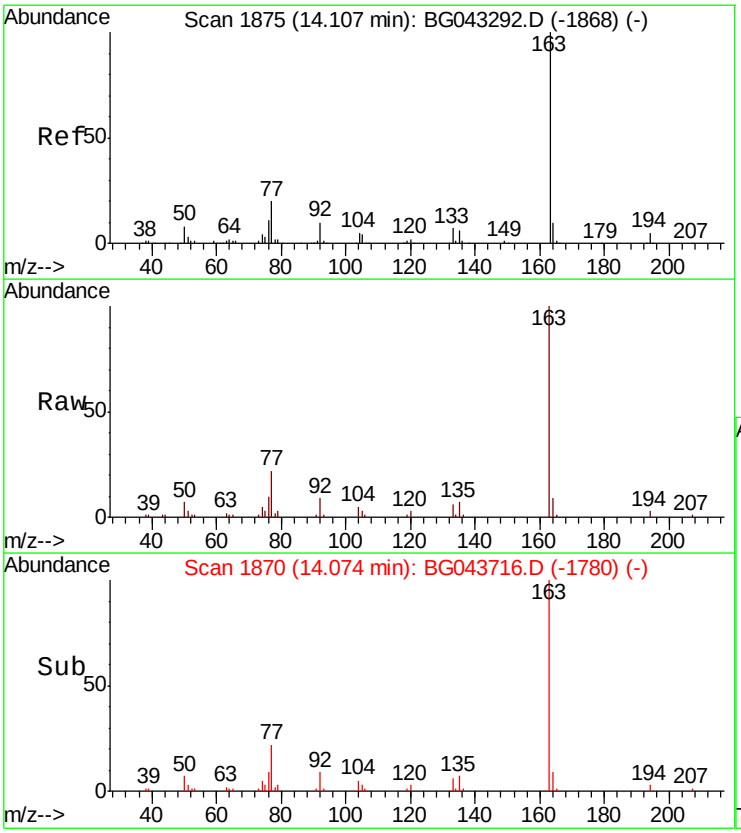
#45
2-Fluorobiphenyl
Concen: 90.799 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:172 Resp: 481980

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	22.3	18.8	28.2

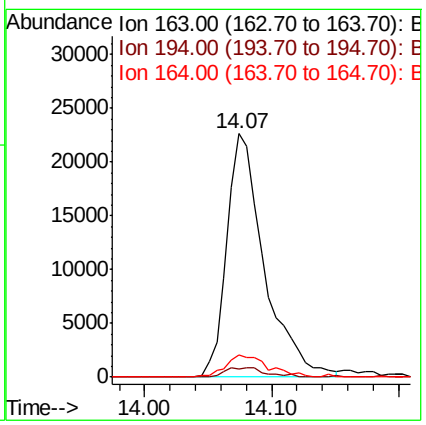


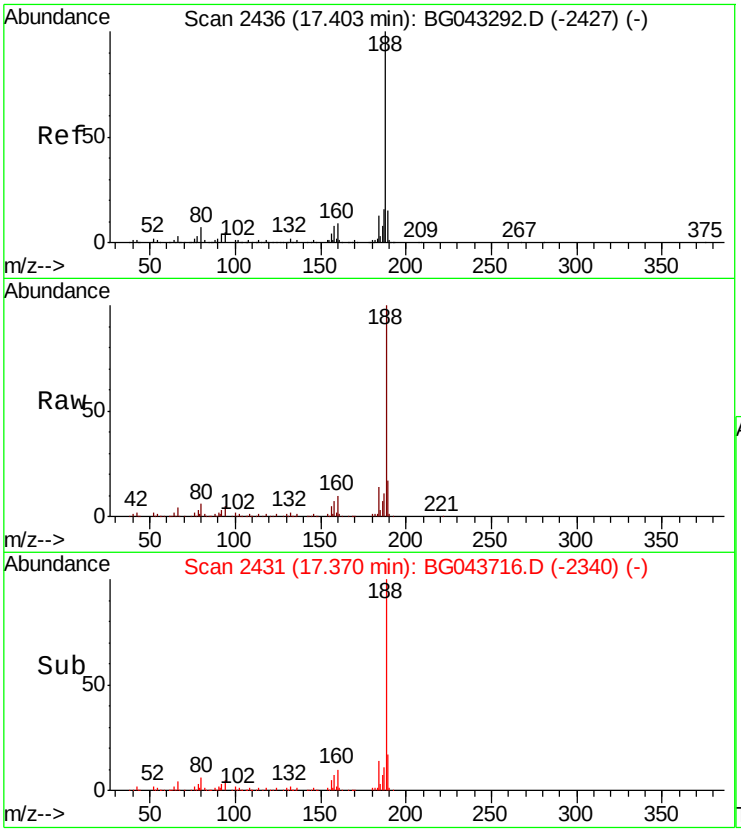


#50
Dimethylphthalate
Concen: 8.167 ng
RT: 14.07 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:163 Resp: 46402

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.8	5.8#
164	9.2	8.5	12.7



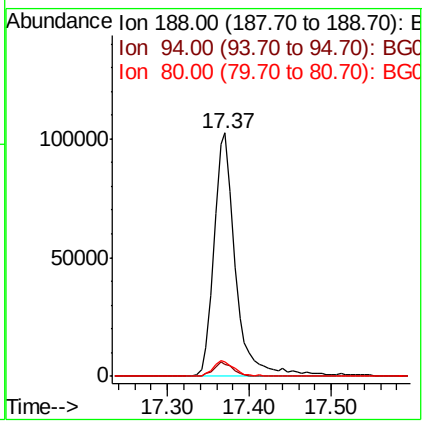


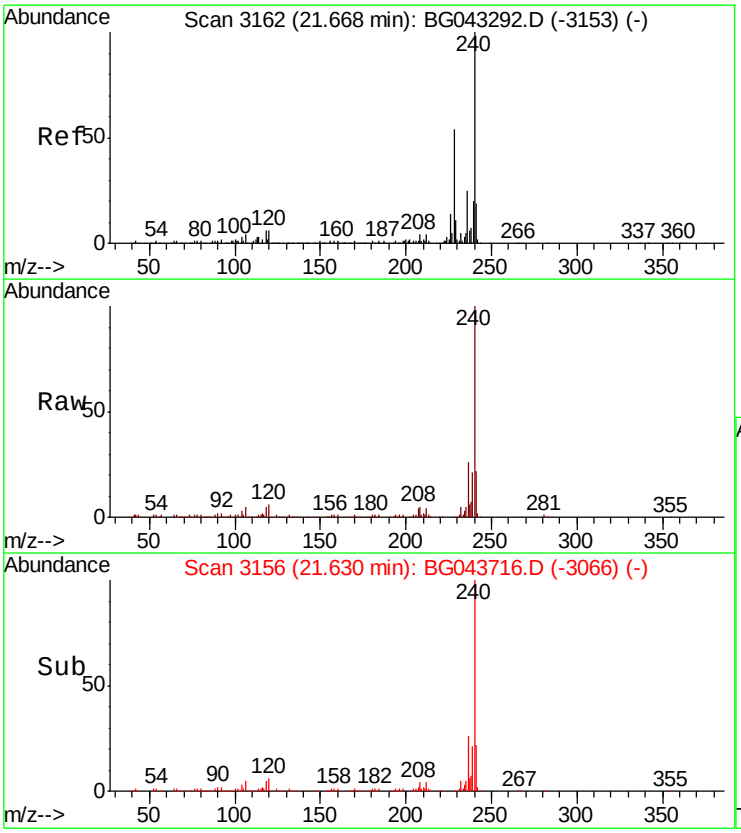
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:188 Resp: 188265

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.6	7.0
80	6.1	5.2	7.8

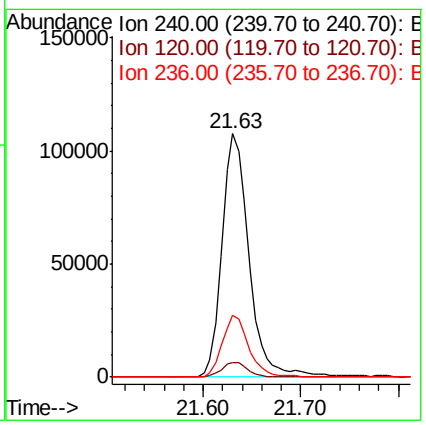


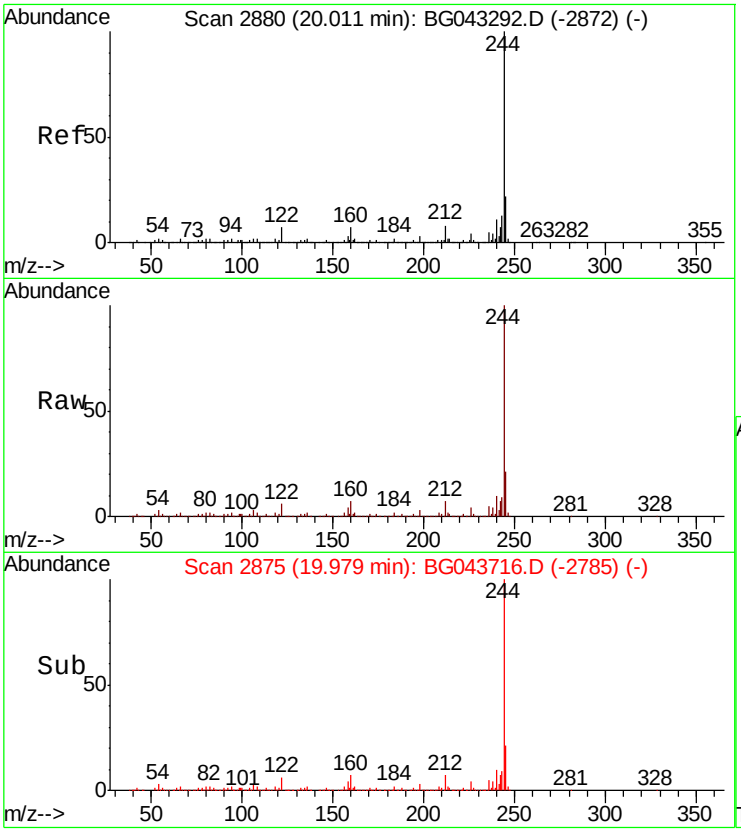


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:240 Resp: 205955

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.9	7.3
236	25.6	21.4	32.0



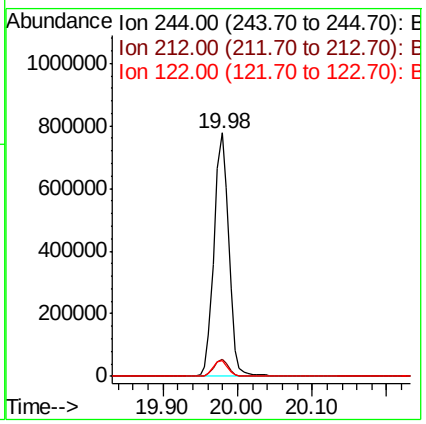


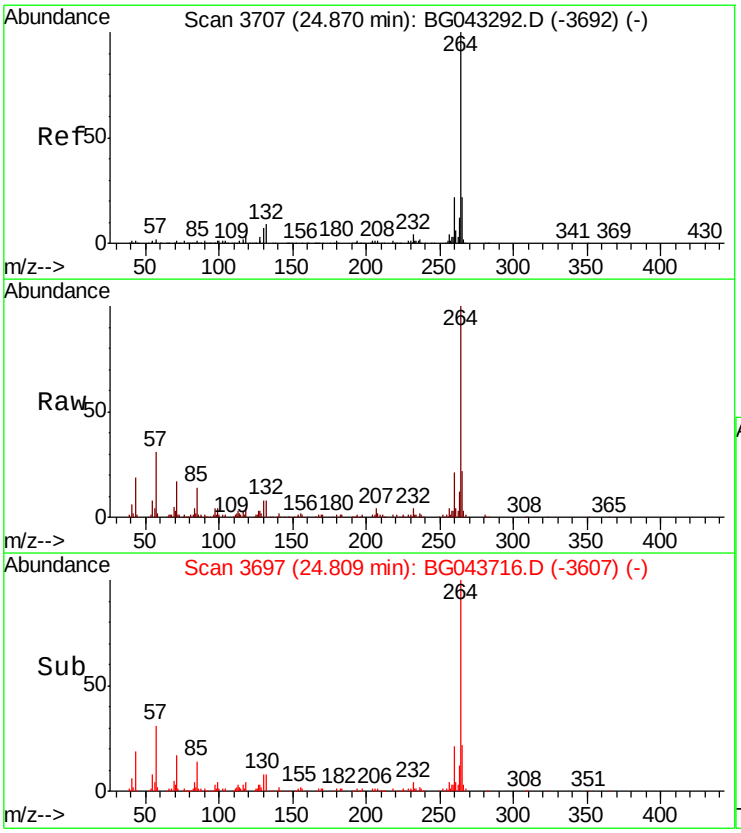
#79
Terphenyl-d14
Concen: 97.040 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Instrument :
BNA_G
ClientSampleId :
CL-02-111519

Tgt Ion:244 Resp: 1065317

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	6.5	5.2	7.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG043716.D
Acq: 20 Nov 2019 4:01

Tgt Ion:264 Resp: 241714

Ion	Ratio	Lower	Upper
264	100		
260	21.1	18.4	27.6
265	22.5	15.8	23.8