Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043717.D
Acq On : 20 Nov 2019 4:41
Operator : JU
Sample : K5670-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-03-111219

Quant Time: Nov 20 05:59:01 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	27657	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	106439	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	77371	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	197839	20.00	ng	0.00
76) Chrysene-d12	21.63	240	215006	20.00	ng	0.00
87) Perylene-d12	24.81	264	247929	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	223330	147.97	ng	0.00
7) Phenol-d6	7.18	99	308360	142.00	ng	0.00
23) Nitrobenzene-d5	9.15	82	185552	89.87	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	199694	135.63	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	491290	87.74	ng	0.00
79) Terphenyl-d14	19.98	244	1106689	96.57	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.21	94	15291	7.706	ng	90
50) Dimethylphthalate	14.08	163	40901	6.825	ng	98

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

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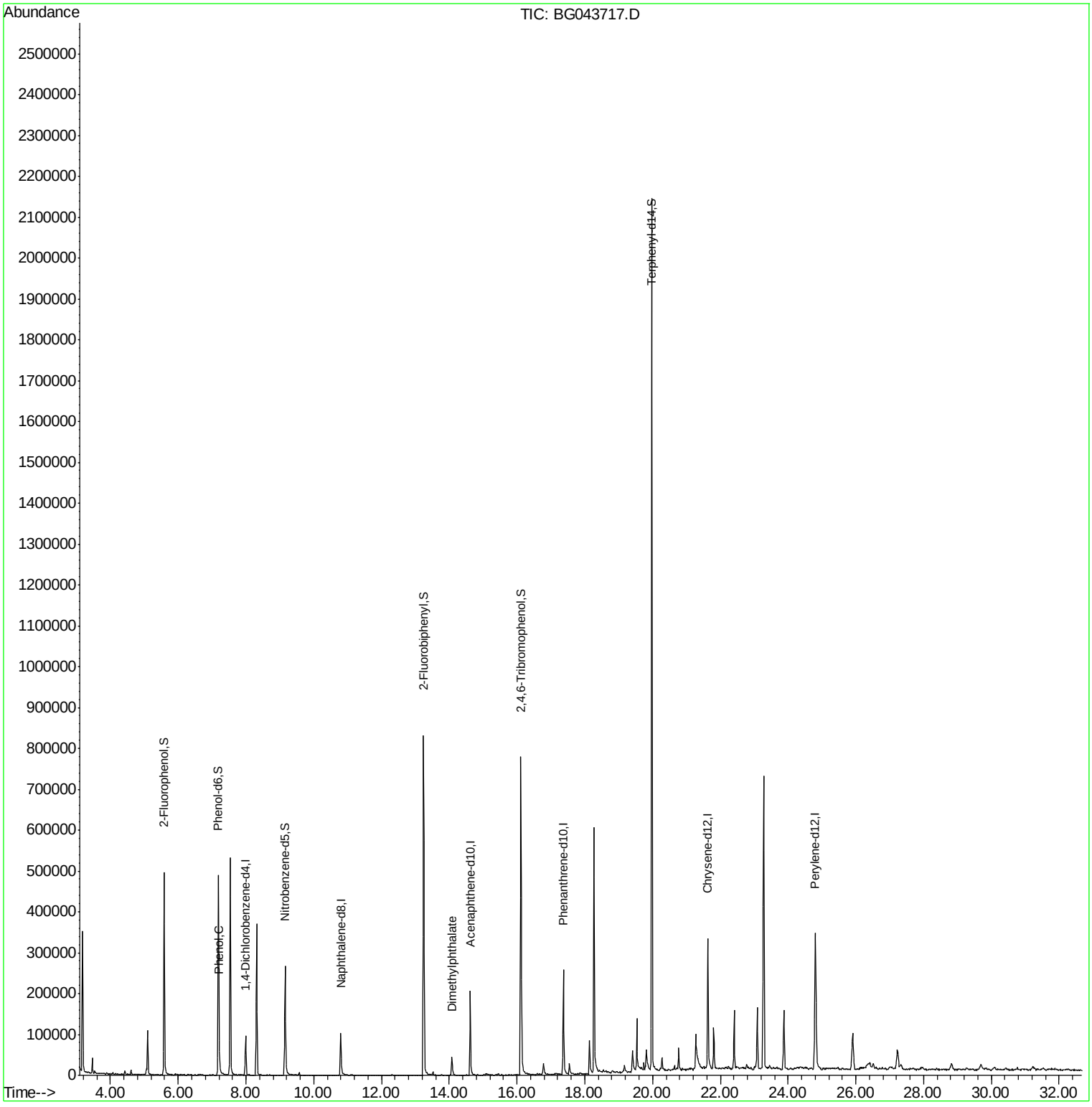
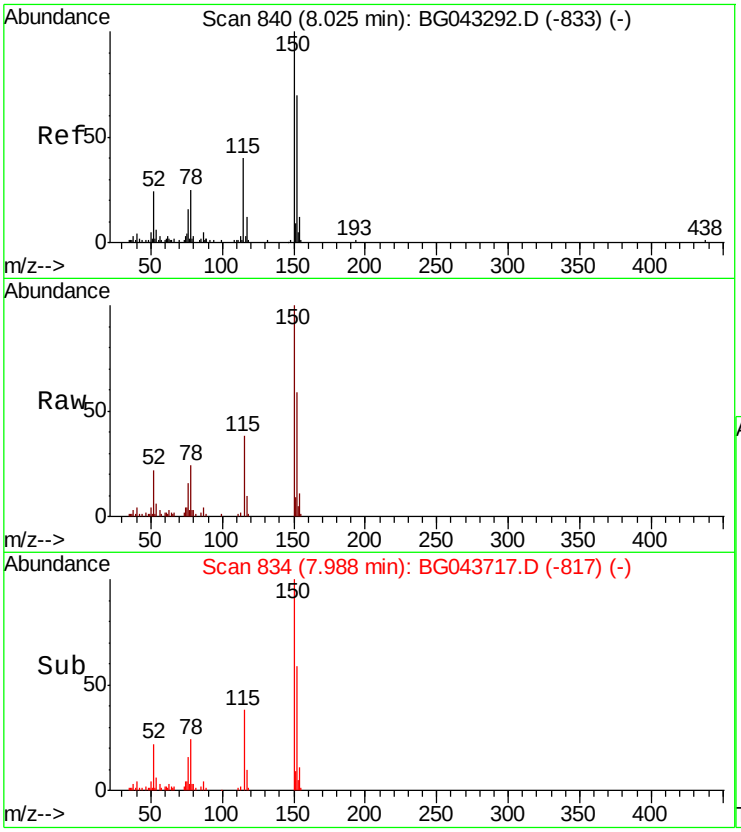


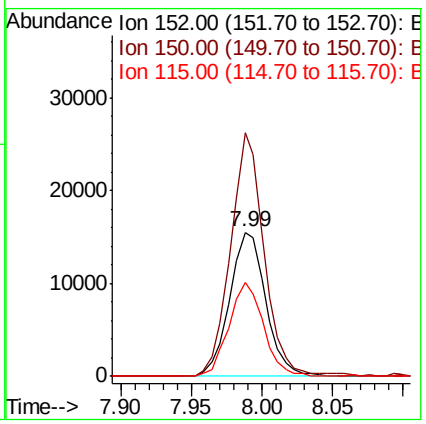


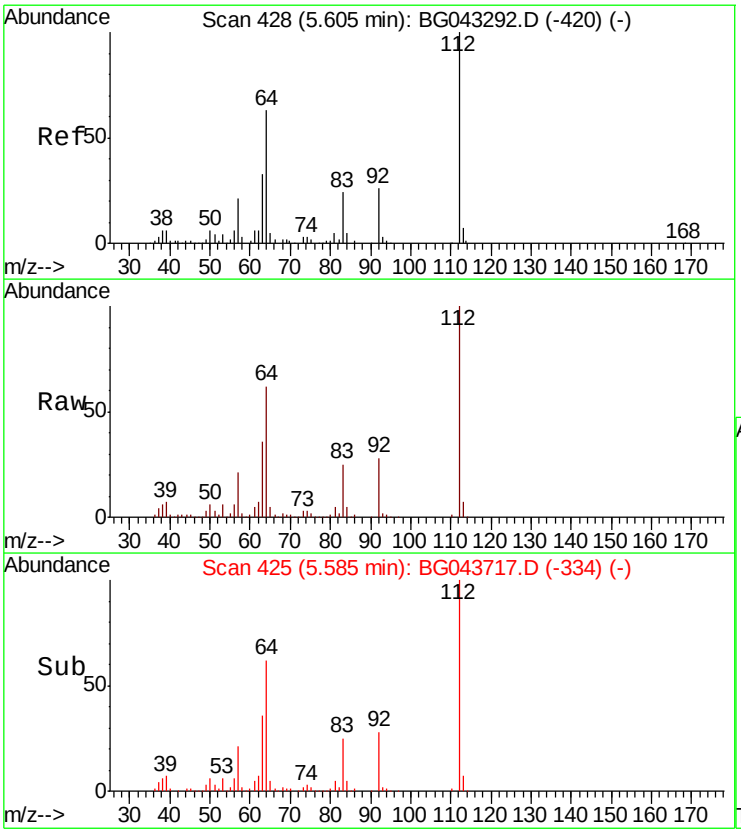
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:152 Resp: 27657

Ion	Ratio	Lower	Upper
152	100		
150	169.0	116.6	175.0
115	64.8	40.5	60.7#

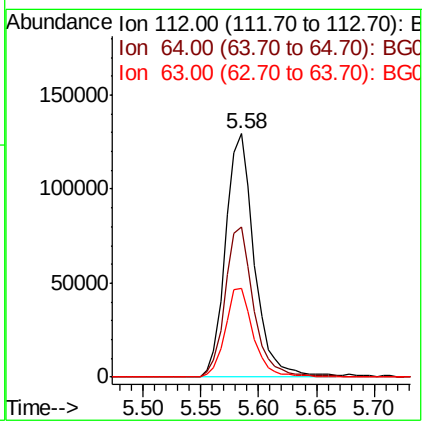


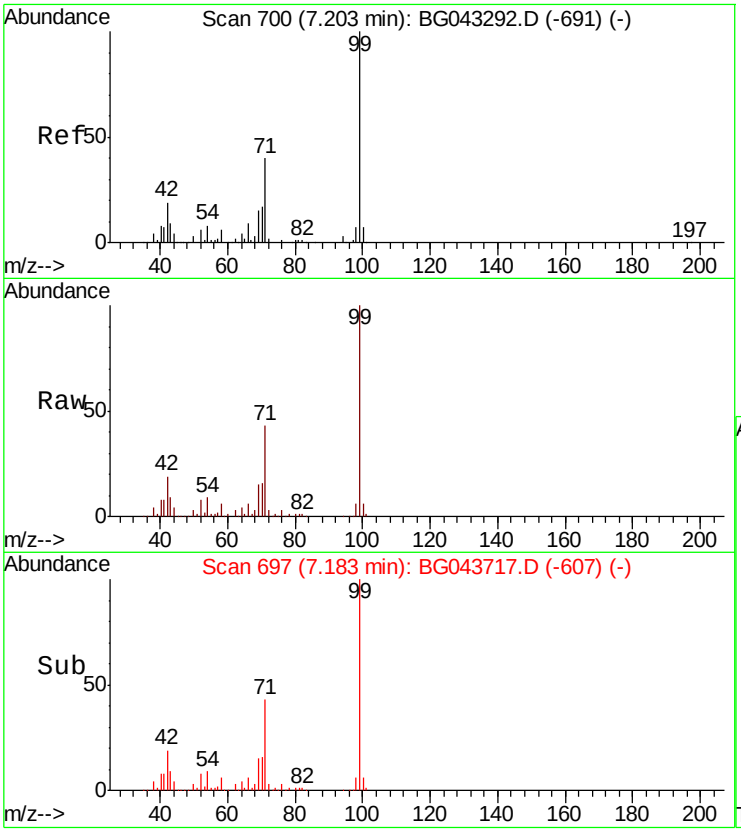


#5
2-Fluorophenol
Concen: 147.970 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion:112 Resp: 223330

Ion	Ratio	Lower	Upper
112	100		
64	61.7	50.6	75.8
63	36.3	30.5	45.7



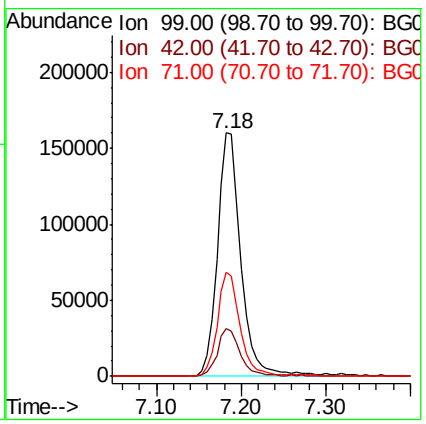


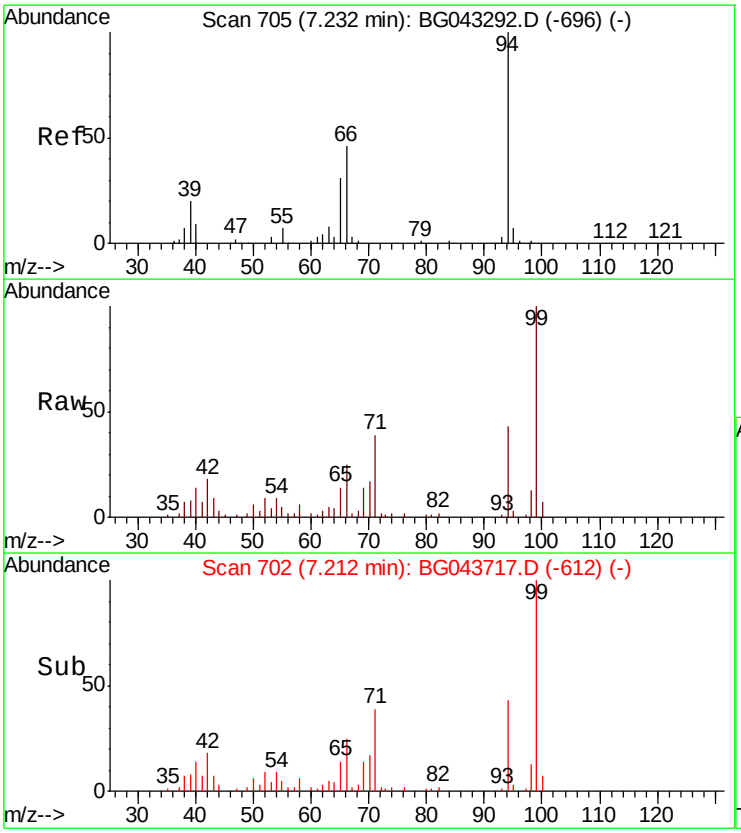
#7
Phenol-d6
Concen: 142.002 ng
RT: 7.18 min Scan# 697
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion: 99 Resp: 308360

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.8
71	43.0	34.4	51.6

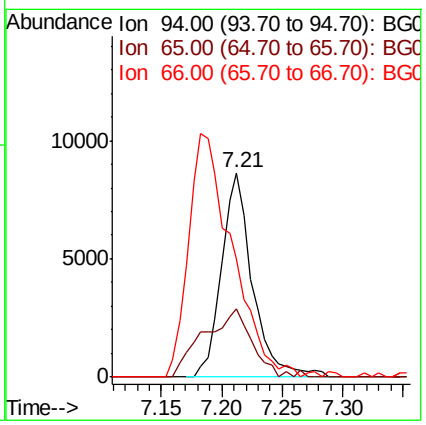


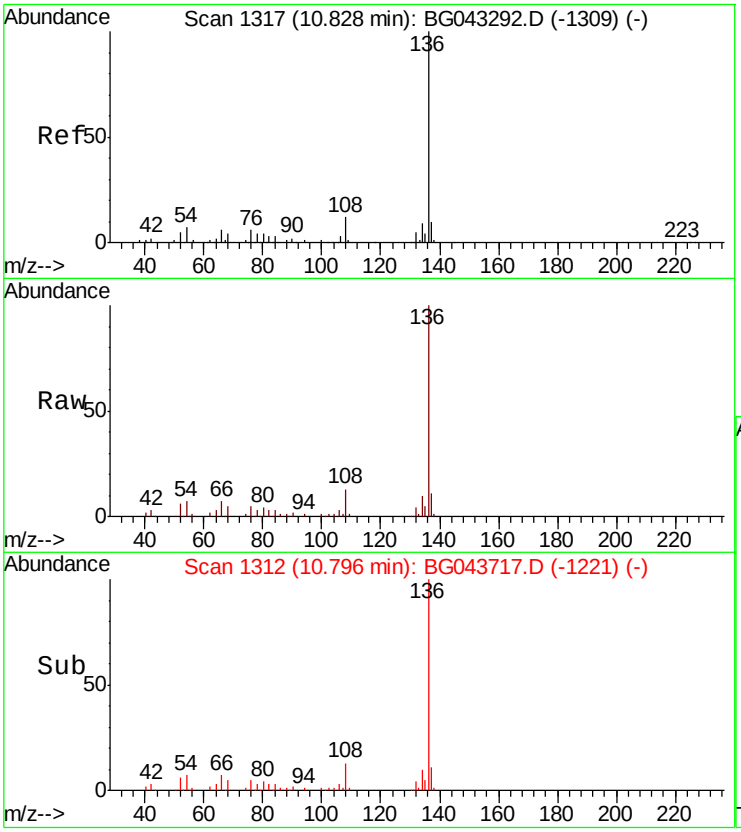


#10
Phenol
Concen: 7.706 ng
RT: 7.21 min Scan# 702
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion: 94 Resp: 15291

Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.4	51.4
66	58.0	28.4	68.4



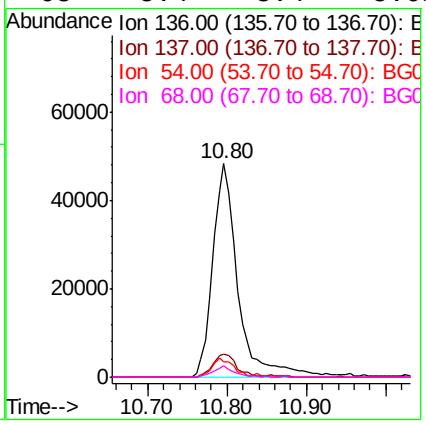


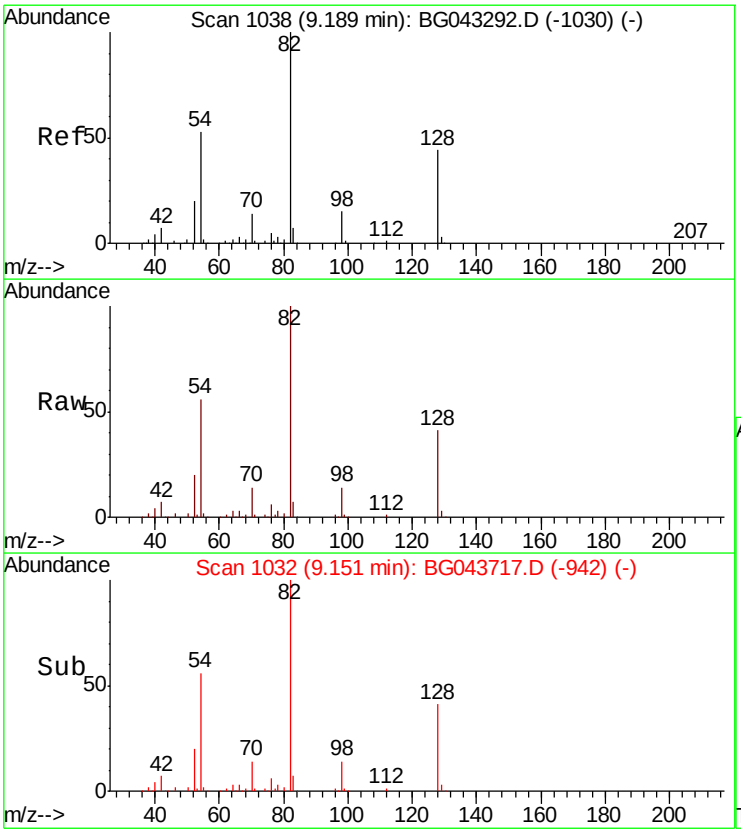
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:136 Resp: 106439

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	6.2	9.2
68	5.4	3.4	5.0#

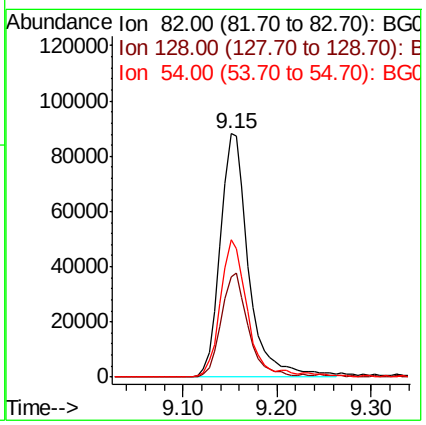


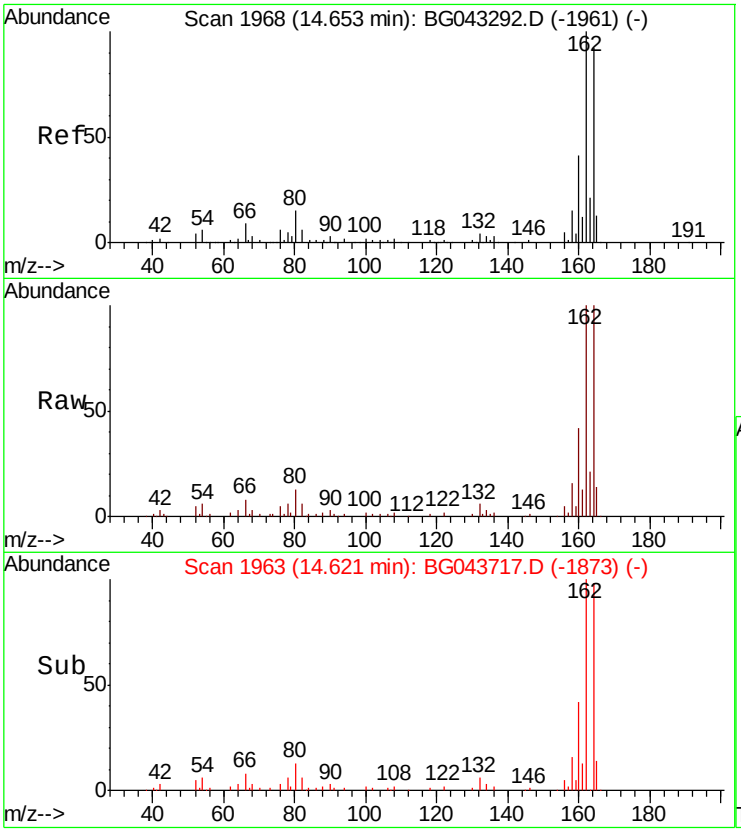


#23
Nitrobenzene-d5
Concen: 89.873 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion: 82 Resp: 185552

Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.2	51.4
54	56.3	44.7	67.1



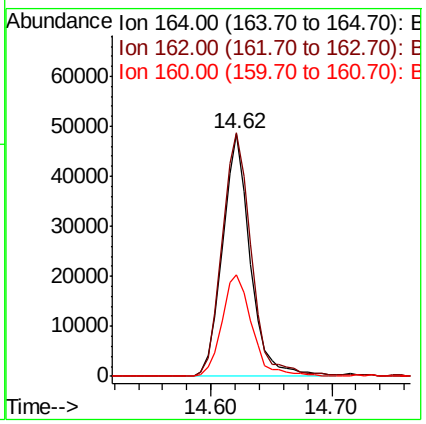


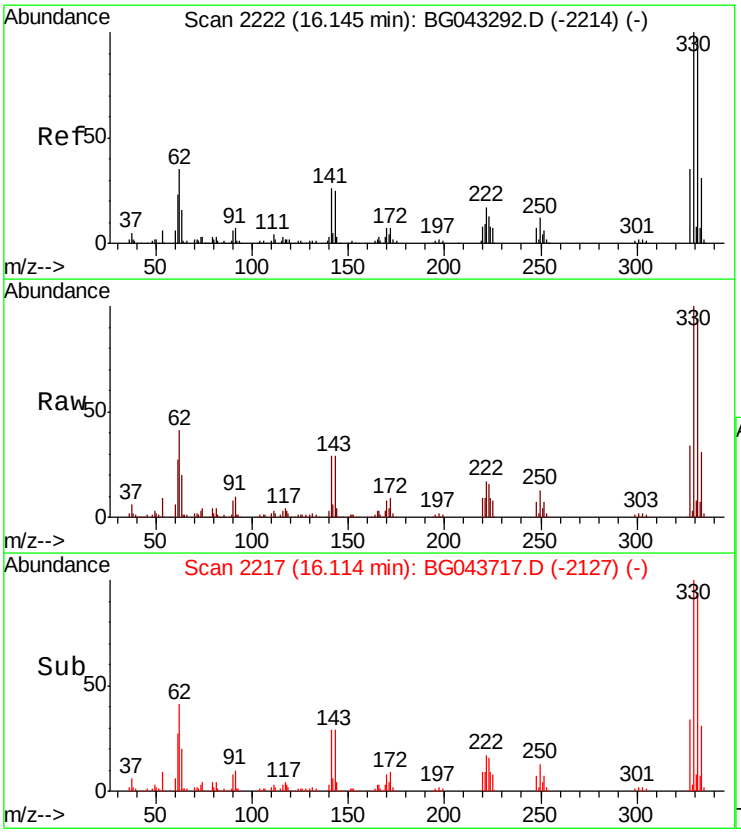
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:164 Resp: 77371

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.4	119.2
160	42.1	36.3	54.5

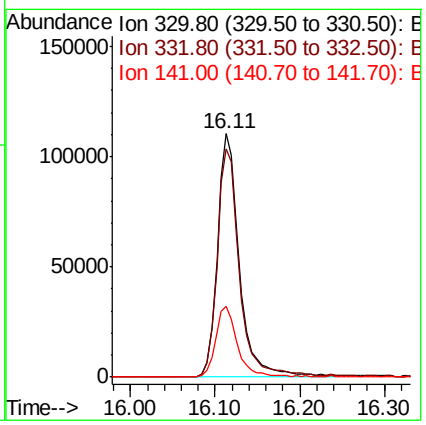


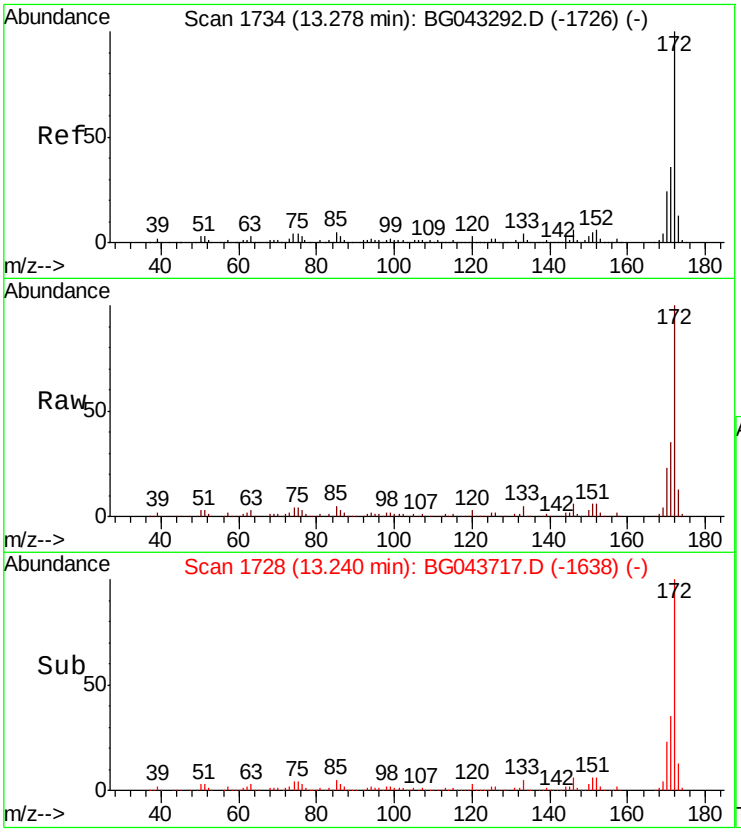


#42
2,4,6-Tribromophenol
Concen: 135.627 ng
RT: 16.11 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion:330 Resp: 199694

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	29.4	23.4	35.2



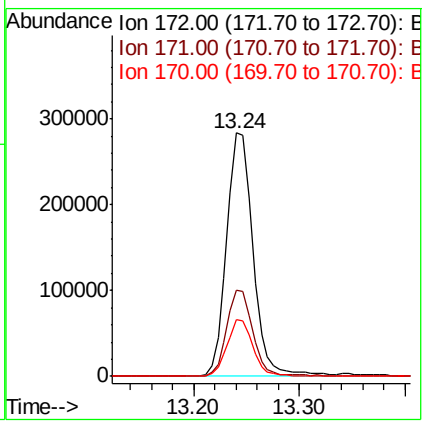


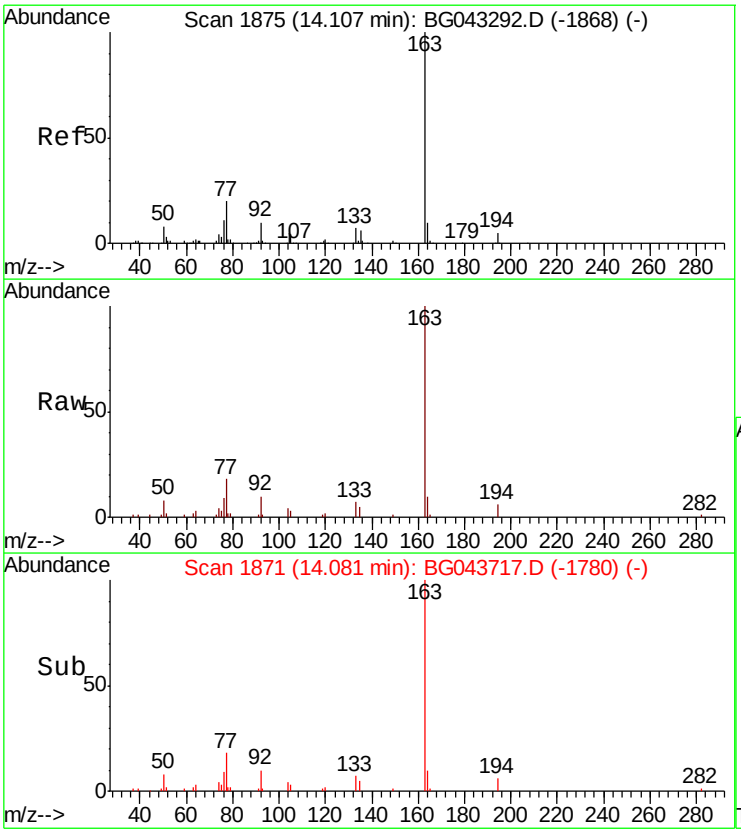
#45
2-Fluorobiphenyl
Concen: 87.742 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:172 Resp: 491290

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.3	18.8	28.2

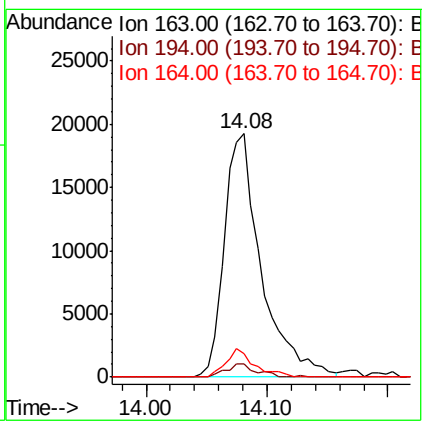


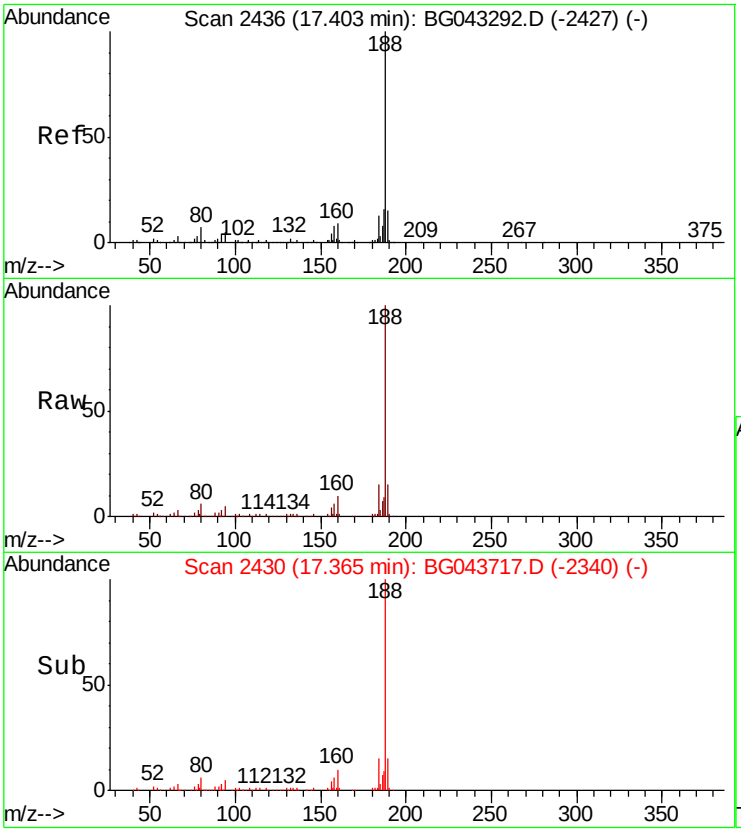


#50
Dimethylphthalate
Concen: 6.825 ng
RT: 14.08 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion:163 Resp: 40901

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.8	5.8
164	9.8	8.5	12.7



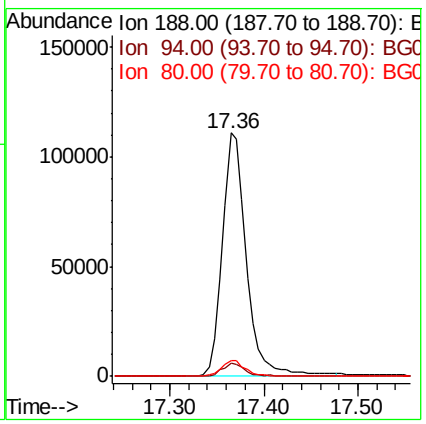


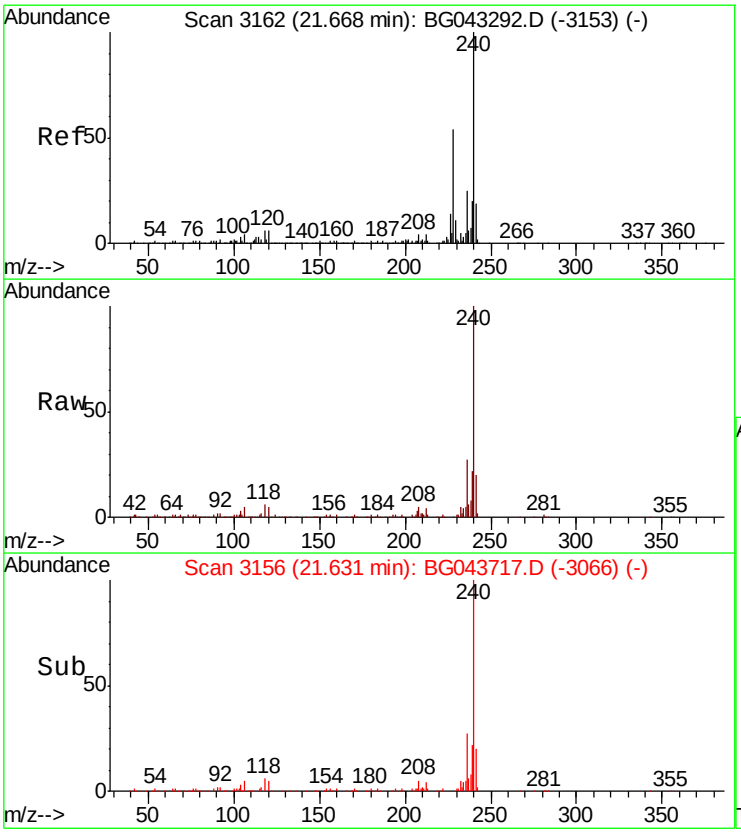
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:188 Resp: 197839

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	7.0
80	6.4	5.2	7.8

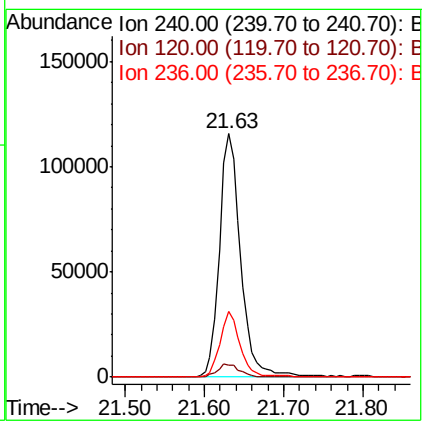


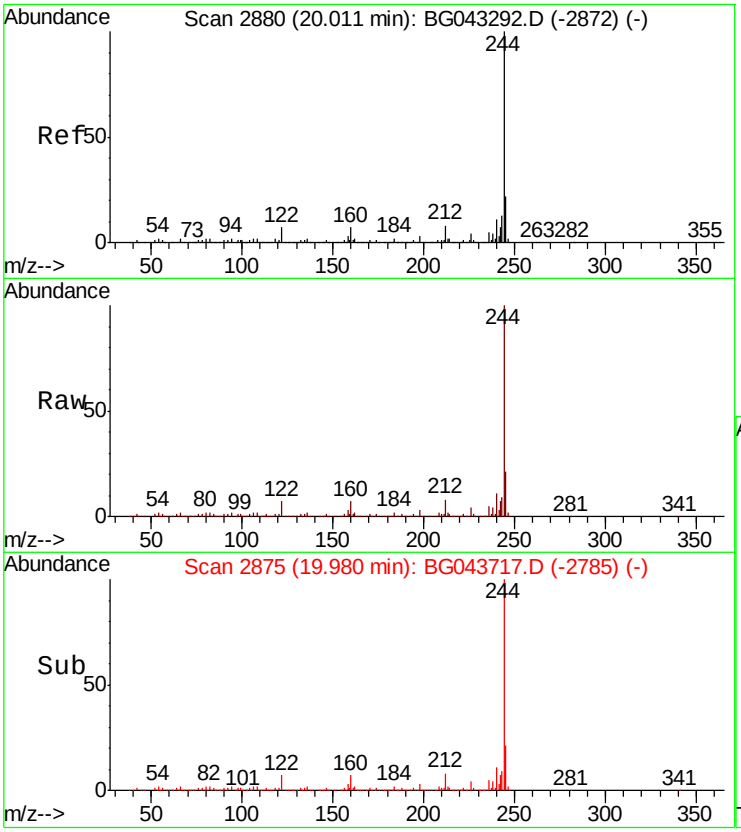


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion:240 Resp: 215006

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.9	7.3#
236	26.9	21.4	32.0



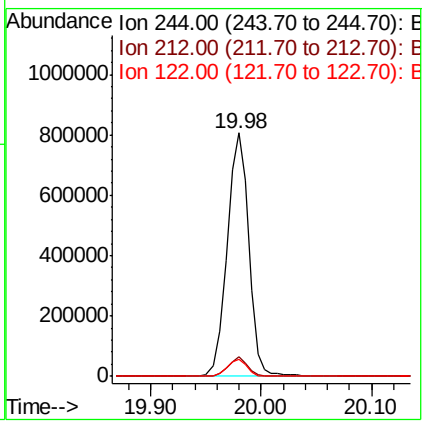


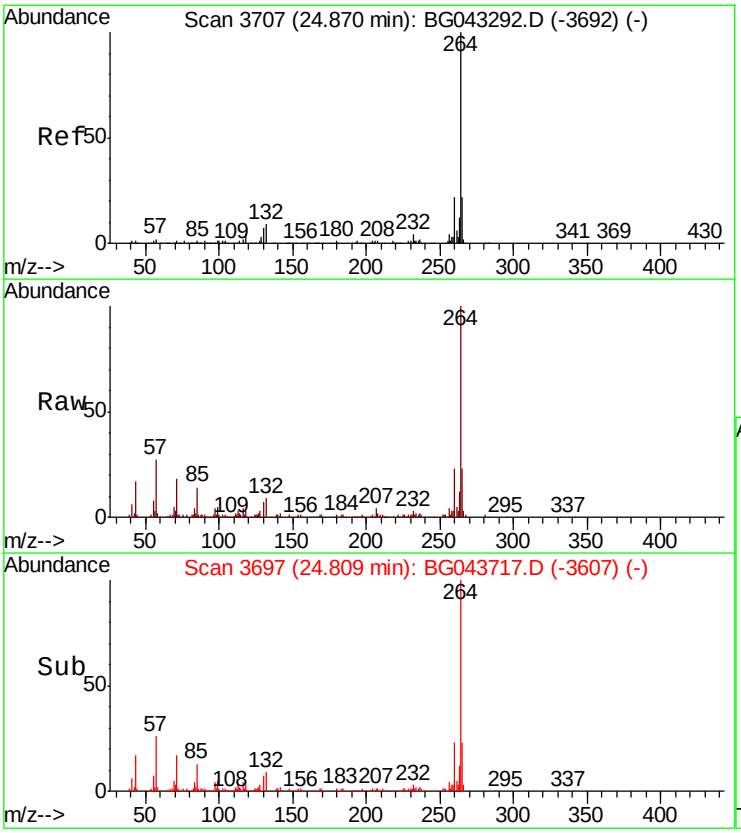
#79
Terphenyl-d14
Concen: 96.565 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.00 min
Lab File: BG043717.D
Acq: 20 Nov 2019 4:41

Instrument :
BNA_G
ClientSampleId :
OK-03-111219

Tgt Ion:244 Resp: 1106689

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.6	8.4
122	6.8	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: BG043717.D
Acq: 20 Nov 2019 4:41

Tgt Ion:264 Resp: 247929

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.4	27.6
265	23.1	15.8	23.8