Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031719.D
Acq On : 22 Dec 2017 20:03
Operator : SJ/JU
Sample : I7002-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(72-74)

Quant Time: Dec 23 01:45:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	46282	20.00	ng	-0.01
21) Naphthalene-d8	11.71	136	186944	20.00	ng	-0.01
38) Acenaphthene-d10	15.46	164	132394	20.00	ng	-0.01
63) Phenanthrene-d10	18.19	188	338688	20.00	ng	-0.01
75) Chrysene-d12	22.55	240	401680	20.00	ng	-0.02
86) Perylene-d12	26.34	264	427158	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	352872	138.87	ng	0.00
7) Phenol-d6	7.92	99	454833	137.87	ng	0.00
23) Nitrobenzene-d5	10.02	82	235006	94.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.93	330	309429	153.17	ng	-0.01
44) 2-Fluorobiphenyl	14.09	172	850452	80.63	ng	-0.01
78) Terphenyl-d14	20.73	244	1517544	86.31	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.95	94	15556	4.670	ng	86
49) Dimethylphthalate	14.88	163	89569	7.679	ng #	98

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

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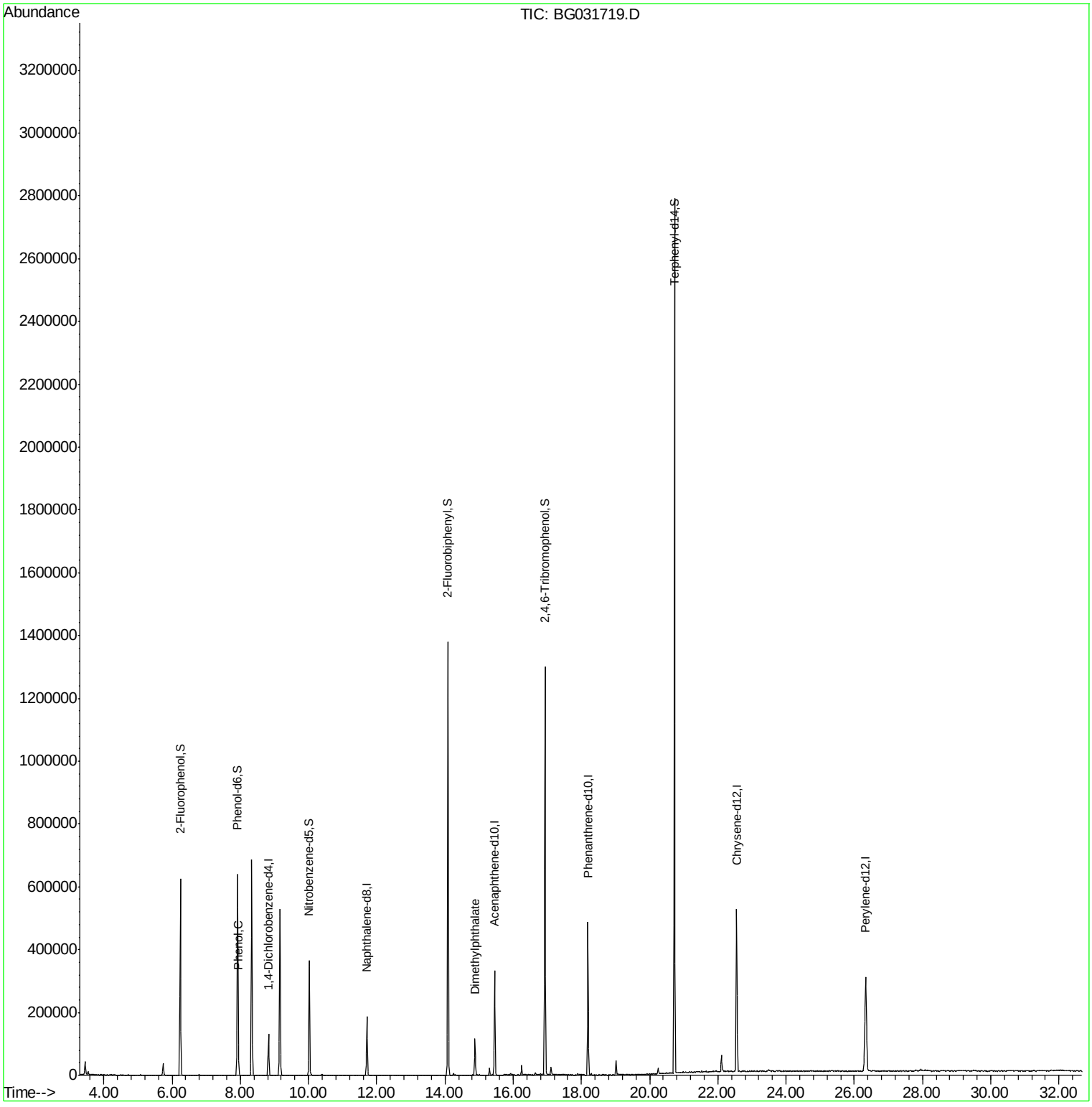
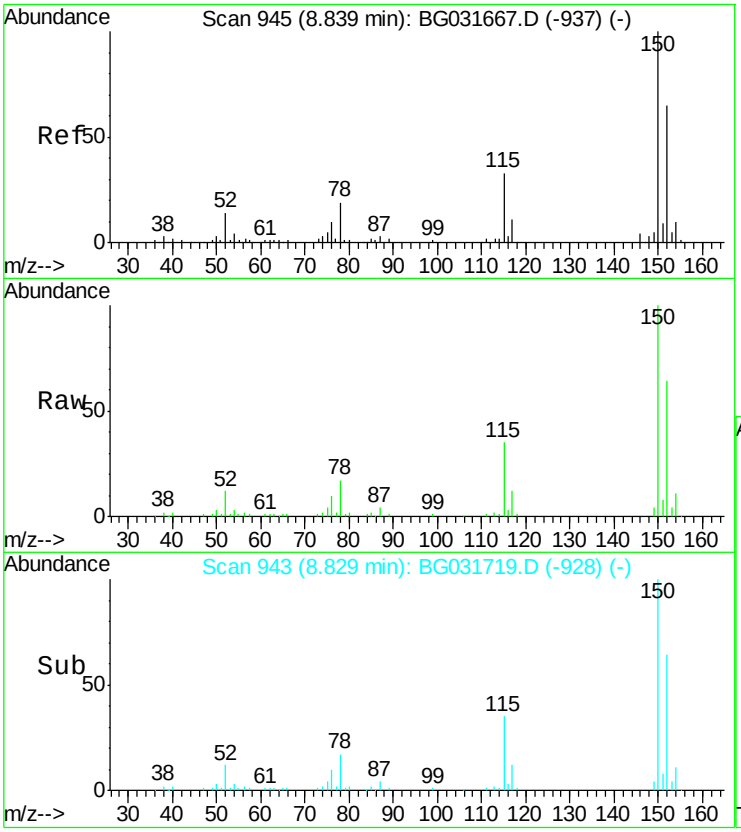


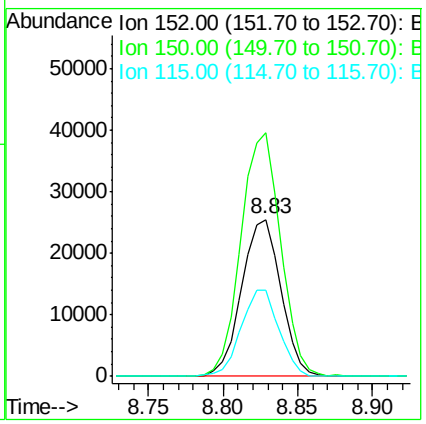


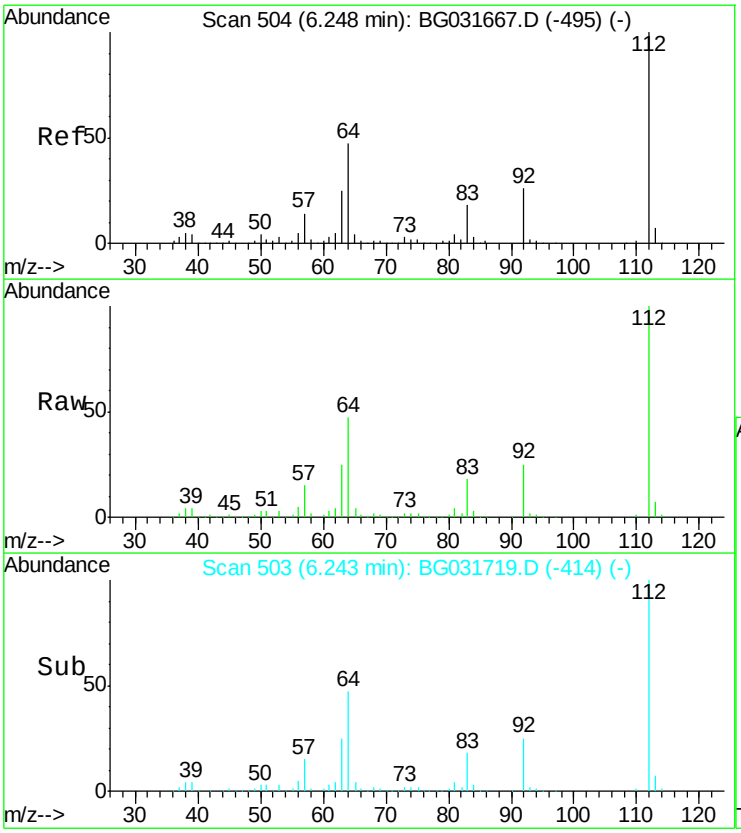
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:152 Resp: 46282

Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	54.7	53.0	79.4

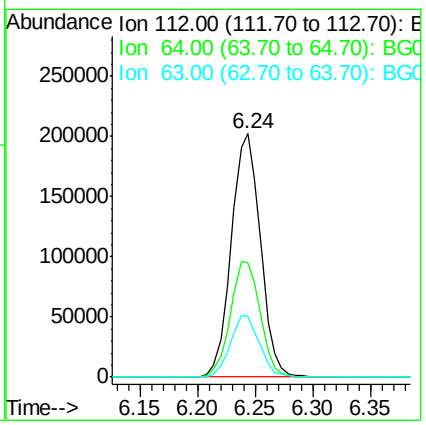


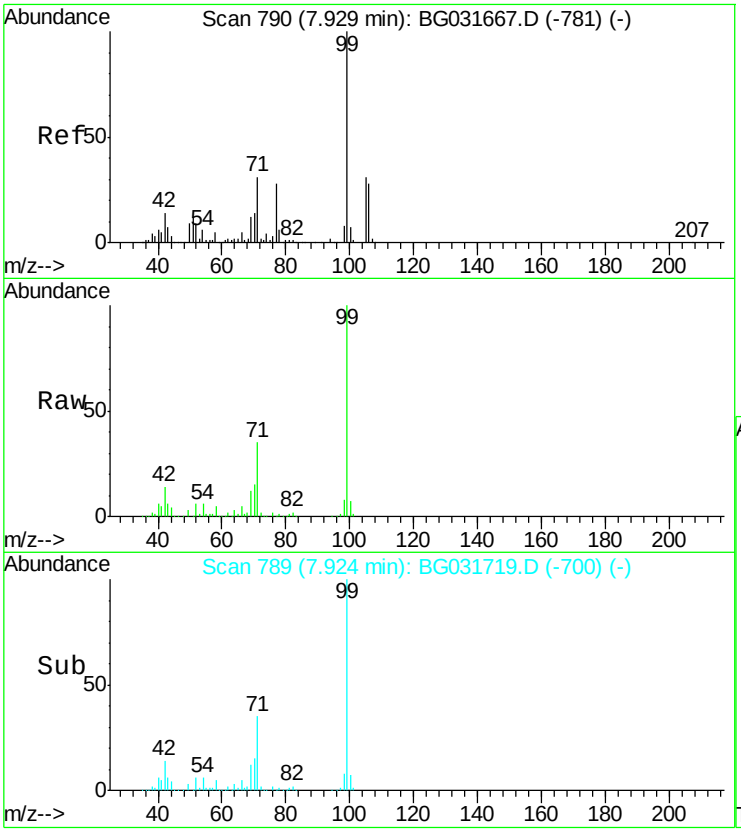


#5
2-Fluorophenol
Concen: 138.869 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion:112 Resp: 352872

Ion	Ratio	Lower	Upper
112	100		
64	47.0	56.3	84.5#
63	24.9	30.1	45.1#



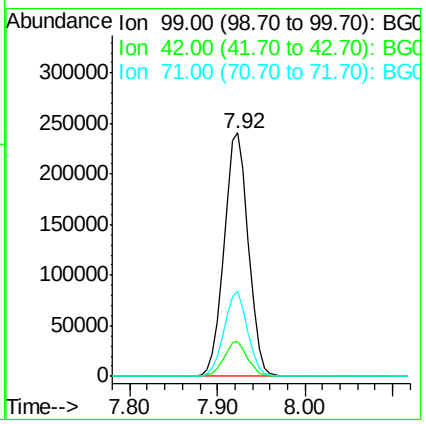


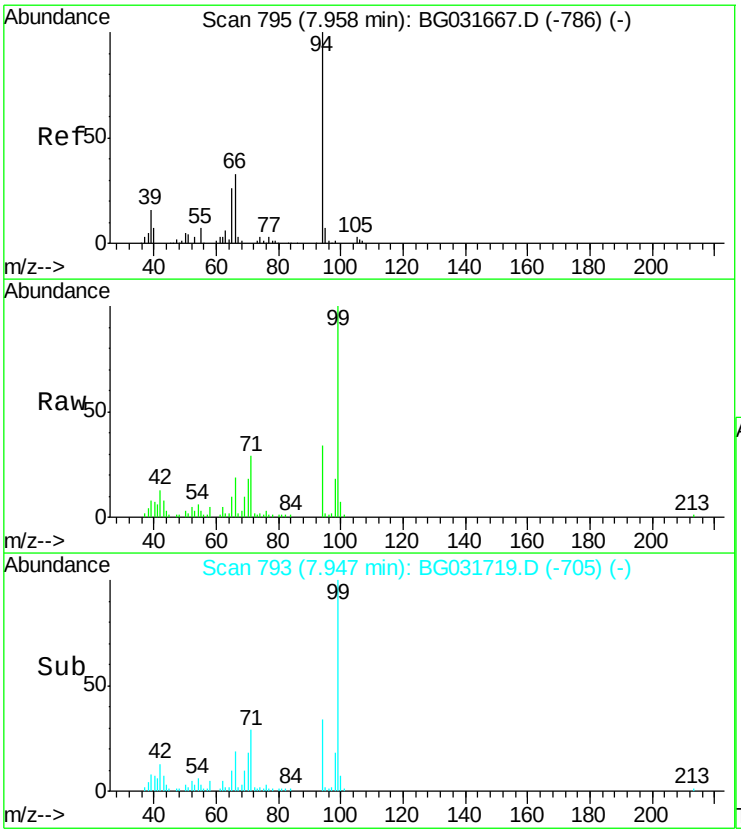
#7
Phenol-d6
Concen: 137.866 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.00 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion: 99 Resp: 454833

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.1	21.1
71	35.1	26.1	39.1

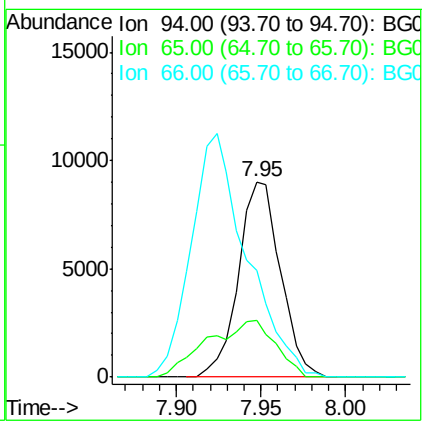


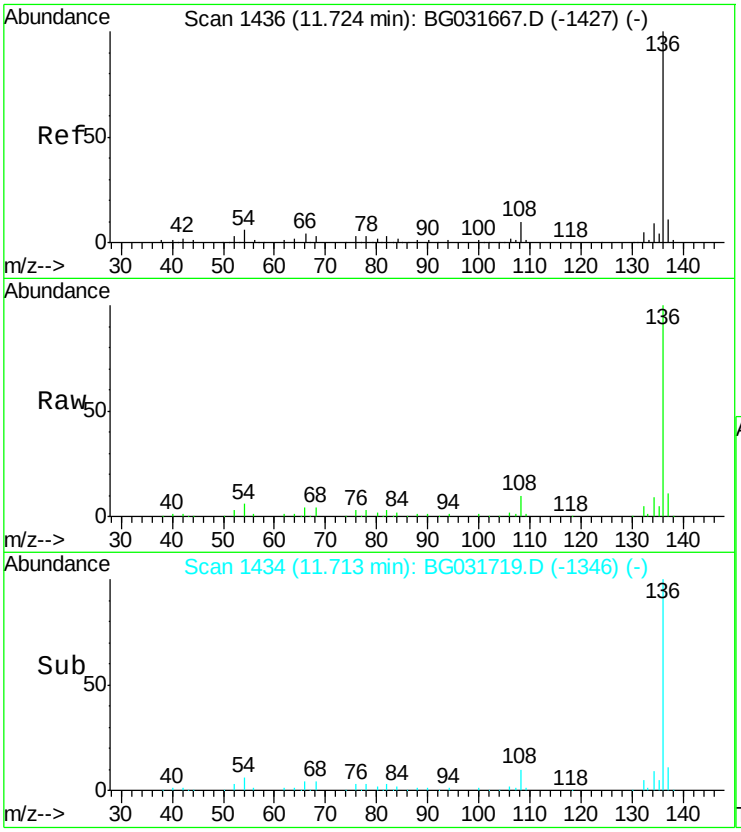


#10
Phenol
Concen: 4.670 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion: 94 Resp: 15556

Ion	Ratio	Lower	Upper
94	100		
65	28.9	11.9	51.9
66	54.9	22.2	62.2



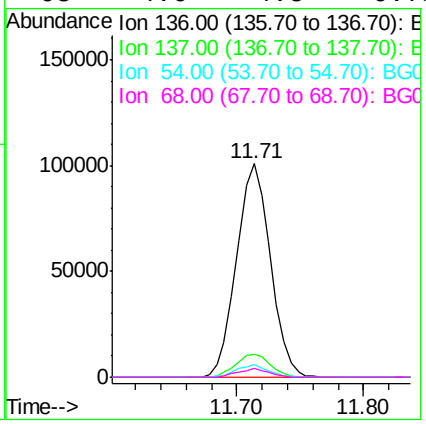


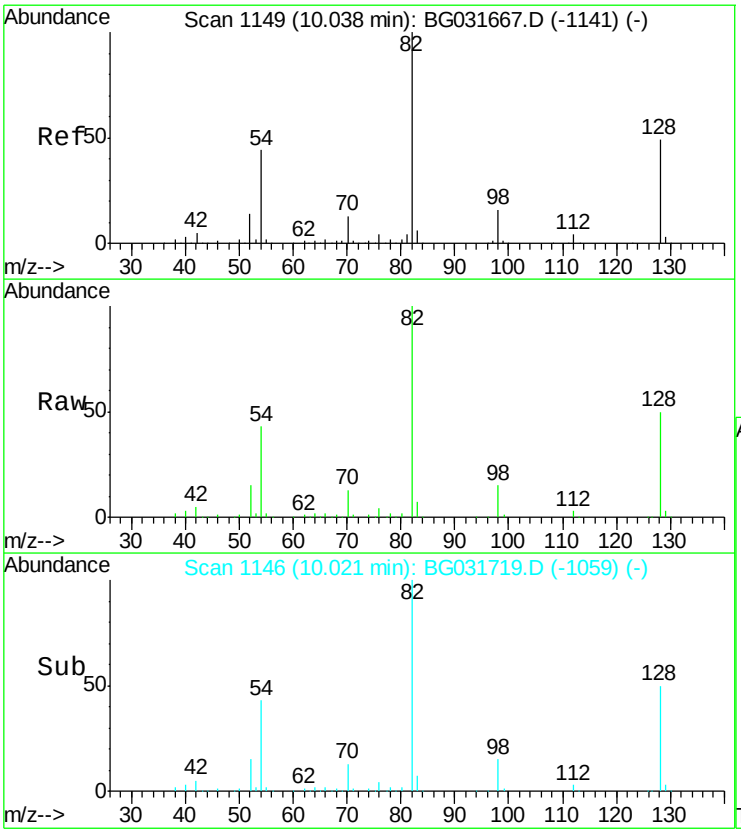
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:136 Resp: 186944

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	5.8	10.3	15.5#
68	4.0	4.5	6.7#

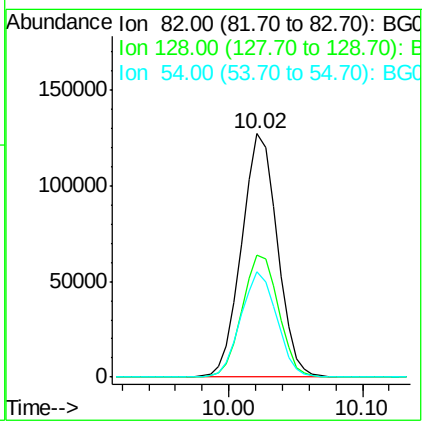


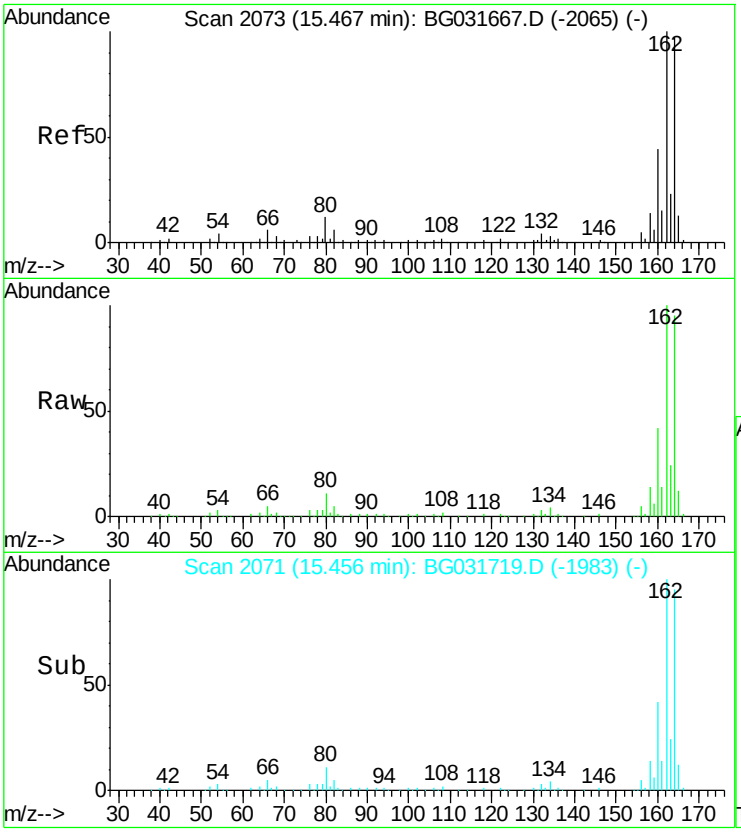


#23
Nitrobenzene-d5
Concen: 94.926 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion: 82 Resp: 235006

Ion	Ratio	Lower	Upper
82	100		
128	50.1	29.7	44.5#
54	43.0	43.1	64.7#



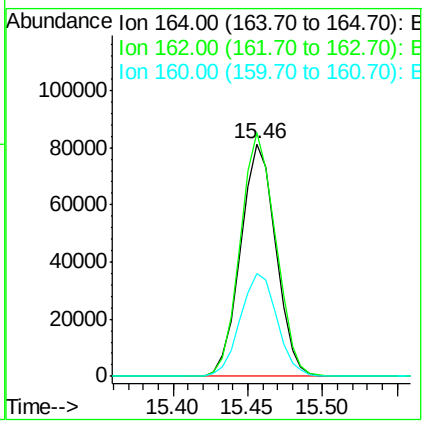


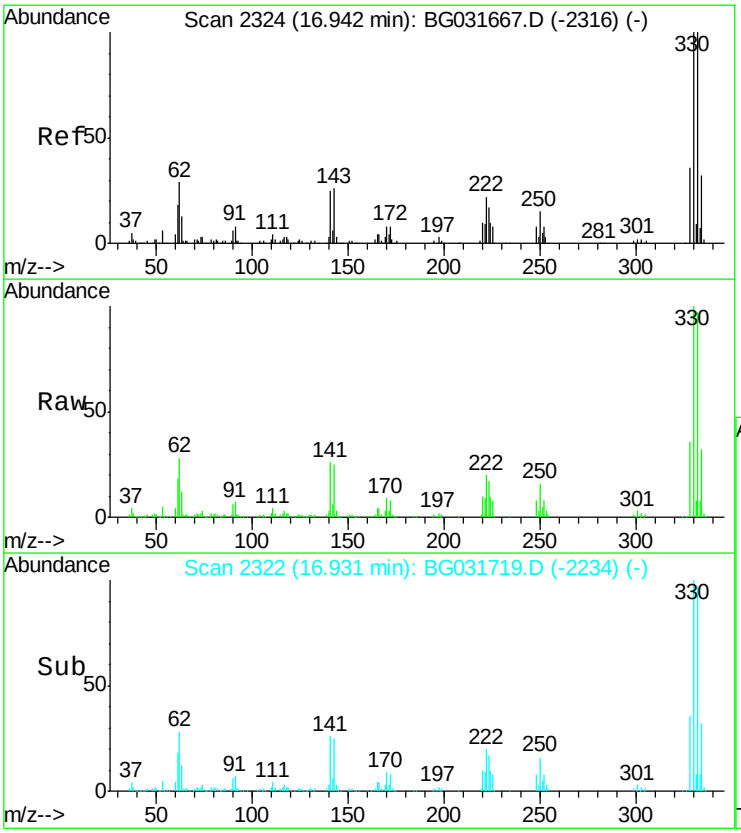
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:164 Resp: 132394

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	44.4	35.4	53.0

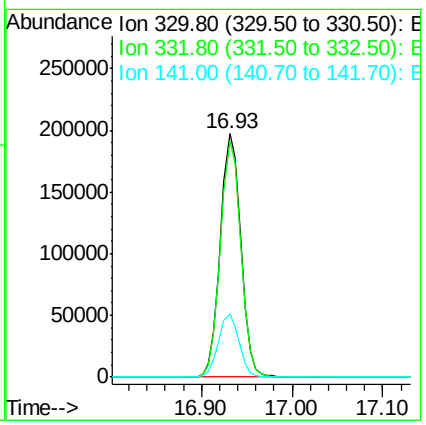


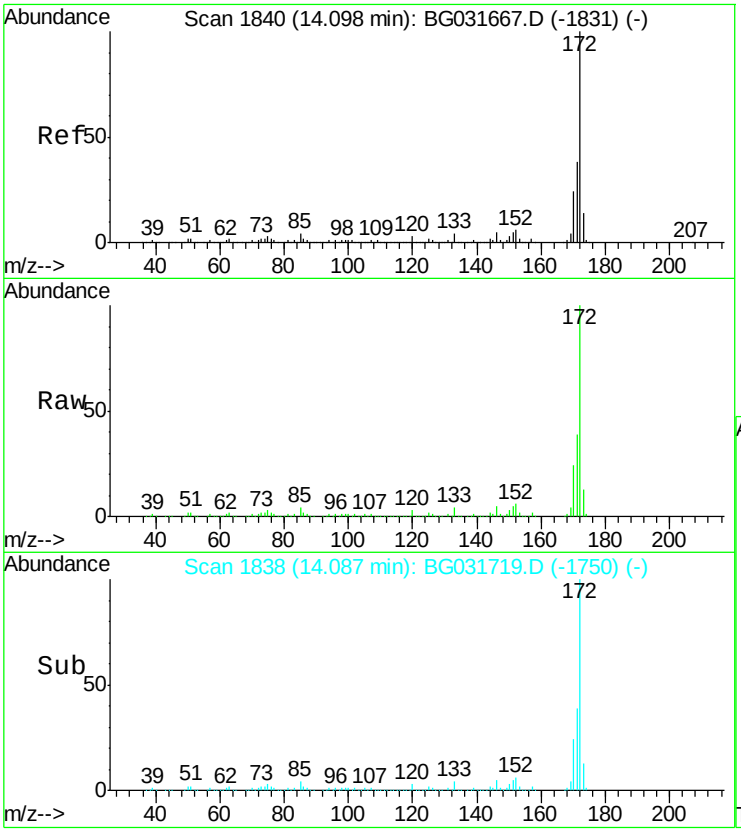


#41
2,4,6-Tribromophenol
Concen: 153.171 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion:330 Resp: 309429

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	26.0	25.2	37.8



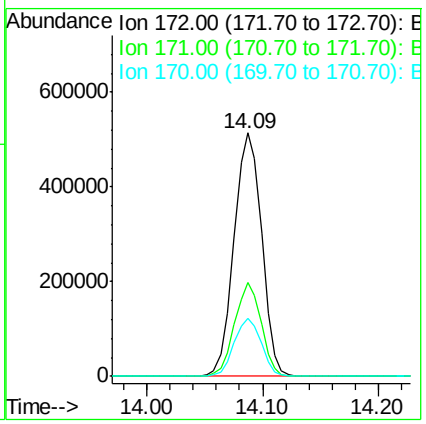


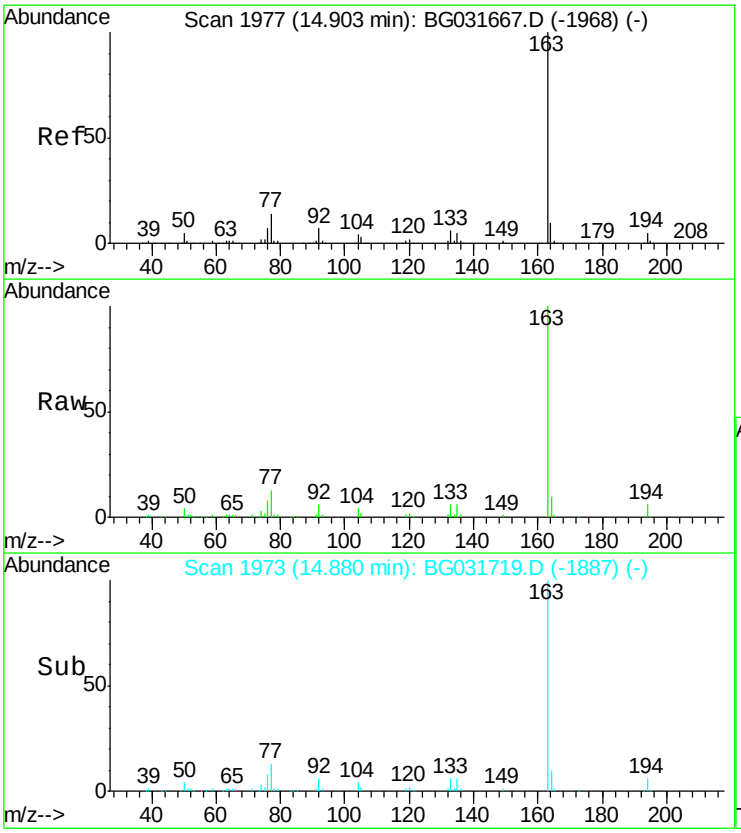
#44
2-Fluorobiphenyl
Concen: 80.625 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:172 Resp: 850452

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	23.7	19.5	29.3

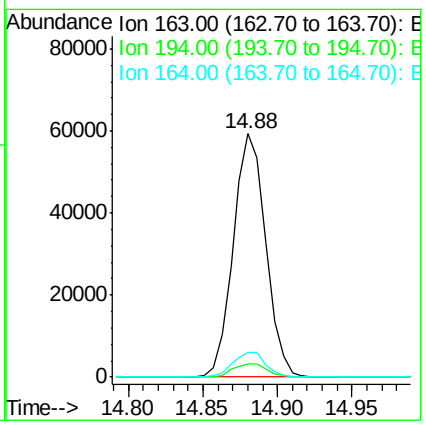


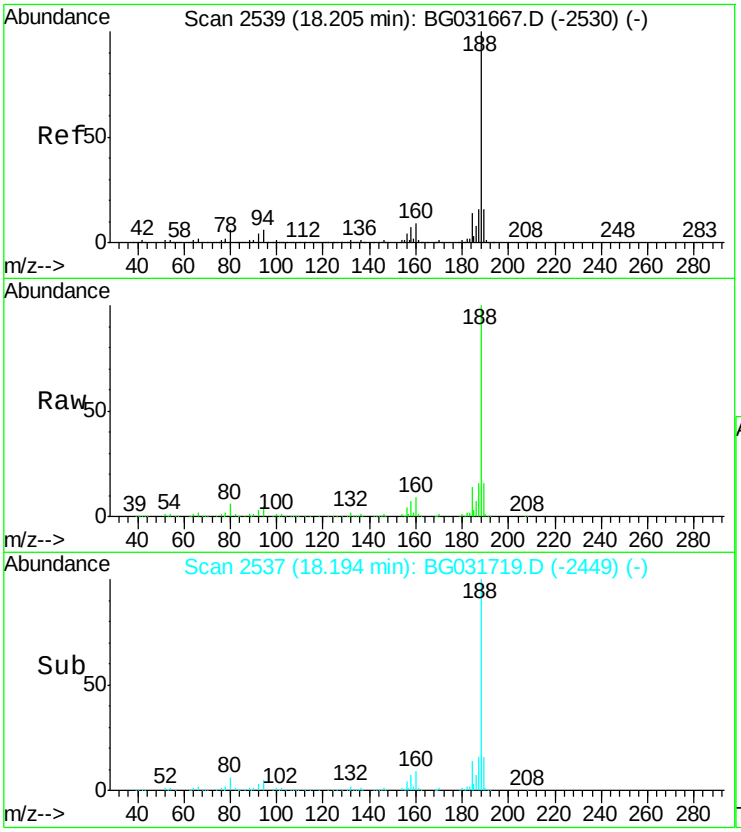


#49
Dimethylphthalate
Concen: 7.679 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion:163 Resp: 89569

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	9.9	8.2	12.4



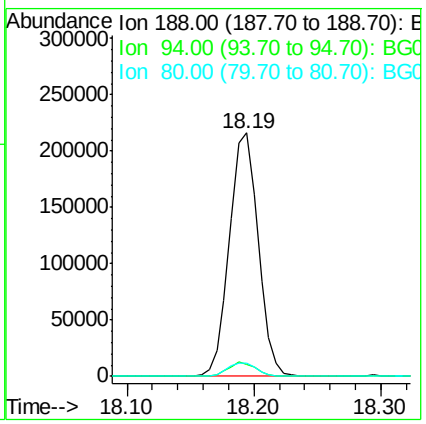


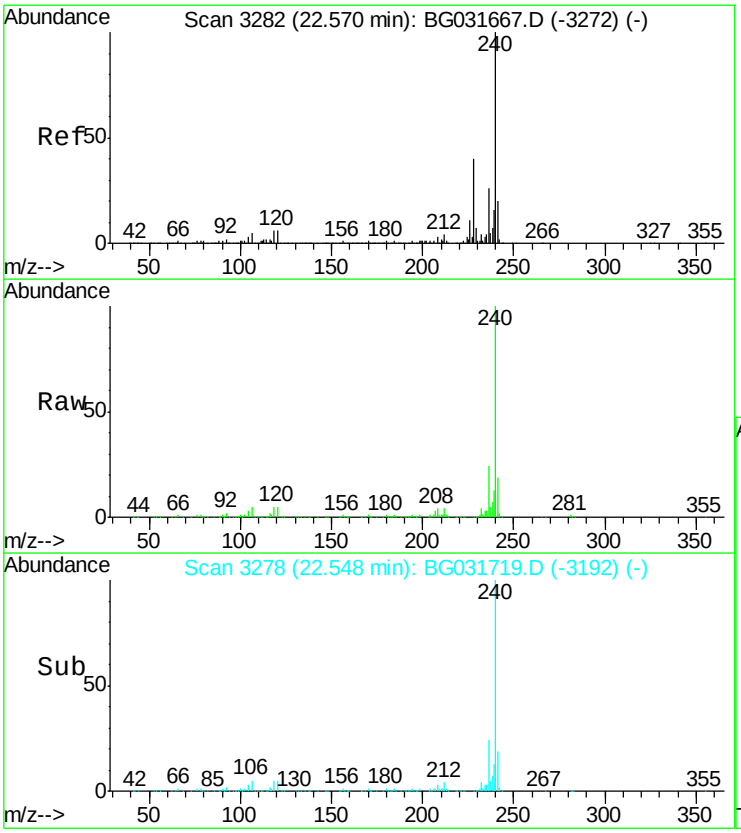
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:188 Resp: 338688

Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	5.6	7.7	11.5#

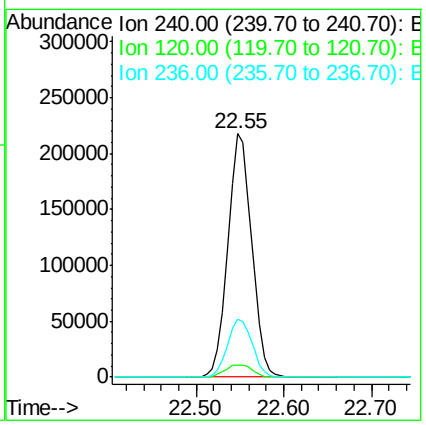


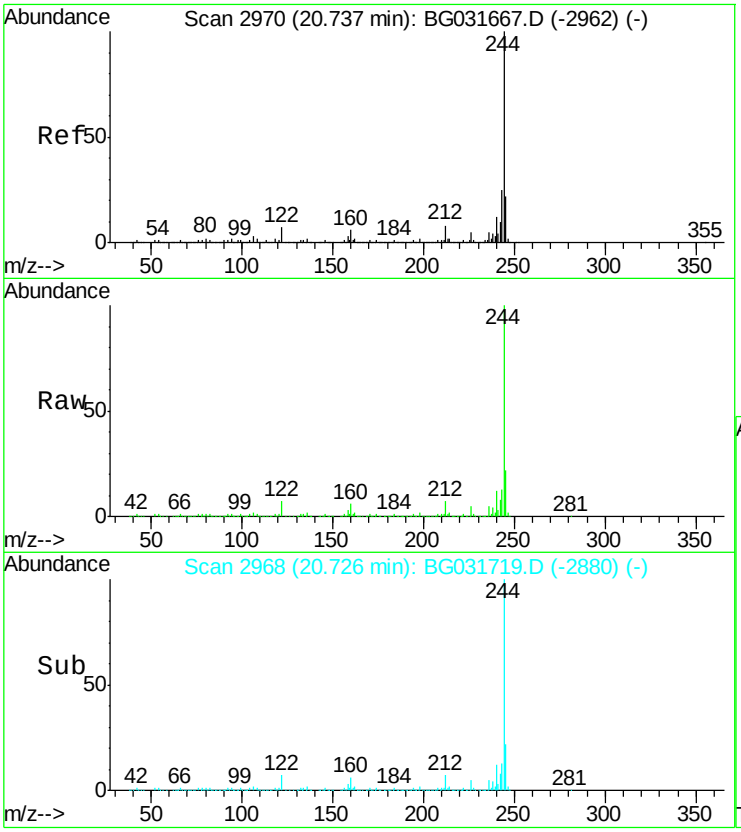


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.02 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion:240 Resp: 401680

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	23.8	20.9	31.3



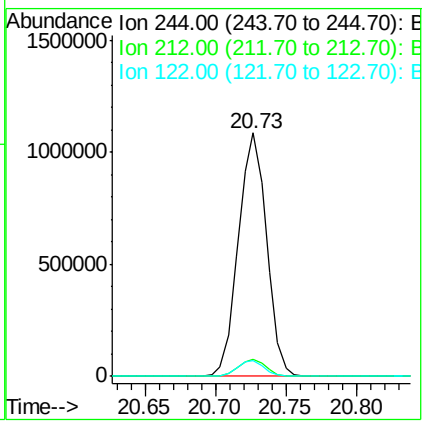


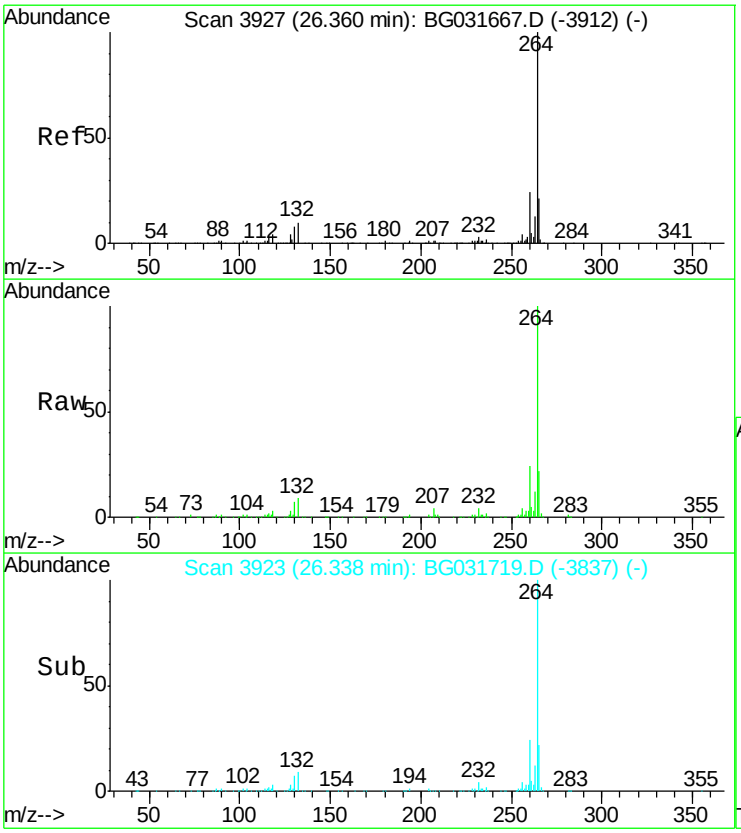
#78
Terphenyl-d14
Concen: 86.314 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(72-74)

Tgt Ion:244 Resp: 1517544

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3923
Delta R.T. -0.02 min
Lab File: BG031719.D
Acq: 22 Dec 2017 20:03

Tgt Ion:264 Resp: 427158

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.1	17.7	26.5