Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031602.D
Acq On : 15 Dec 2017 23:58
Operator : SJ/JU
Sample : I6924-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-125-4(0-5)

Quant Time: Dec 16 03:27:15 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	68548	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	287910	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	196329	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	536048	20.00	ng		0.00
75) Chrysene-d12	21.74	240	626271	20.00	ng		-0.01
86) Perylene-d12	25.02	264	535641	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	572103	147.93	ng		-0.01
7) Phenol-d6	7.26	99	745841	138.92	ng		0.00
23) Nitrobenzene-d5	9.27	82	432640	92.62	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	375183	163.12	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1093301	81.74	ng		0.00
78) Terphenyl-d14	20.06	244	2102019	76.36	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.29	94	26632	4.829	ng		94
49) Dimethylphthalate	14.17	163	90550	5.571	ng	#	98

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

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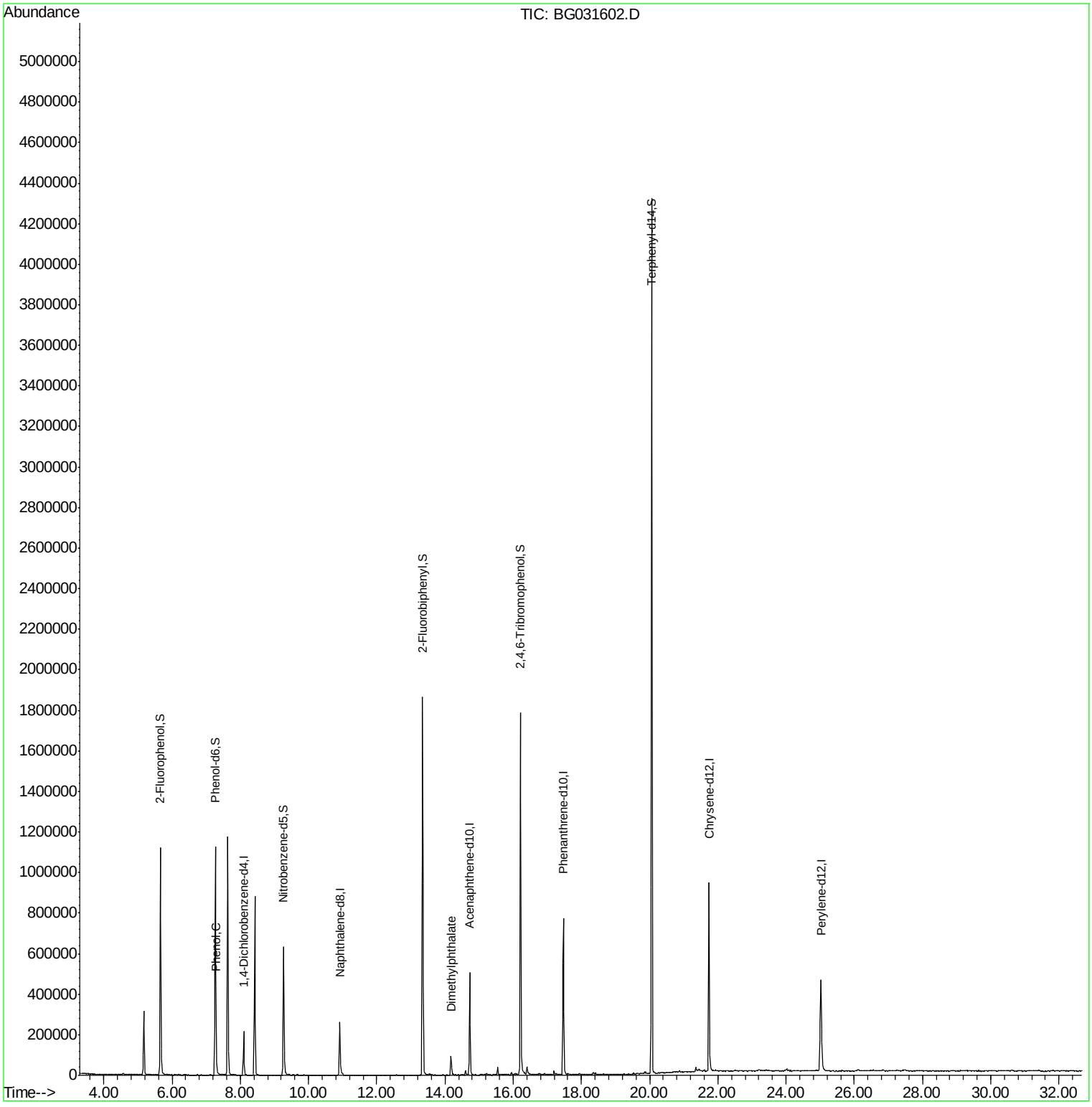
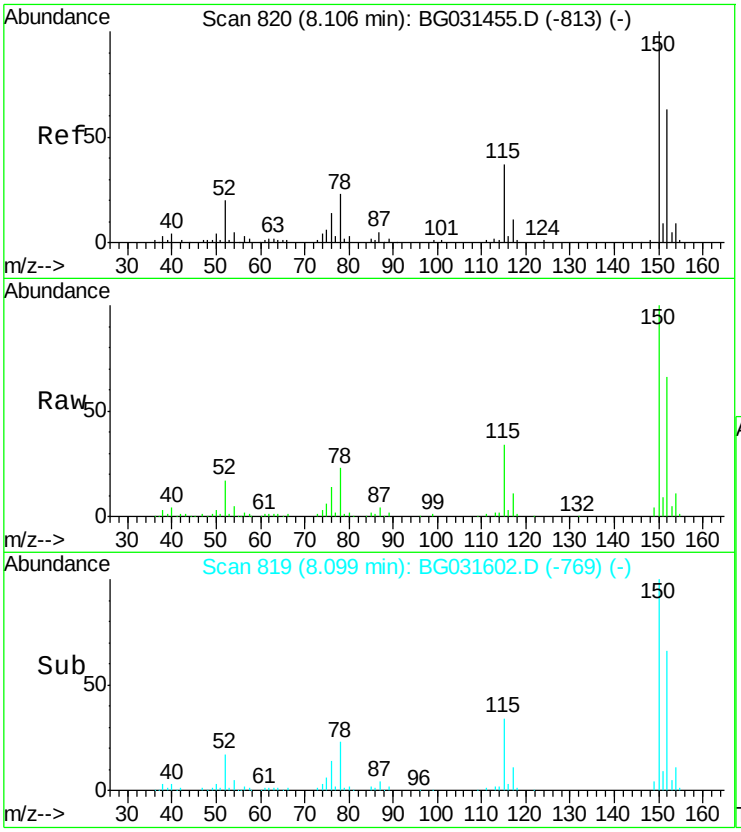


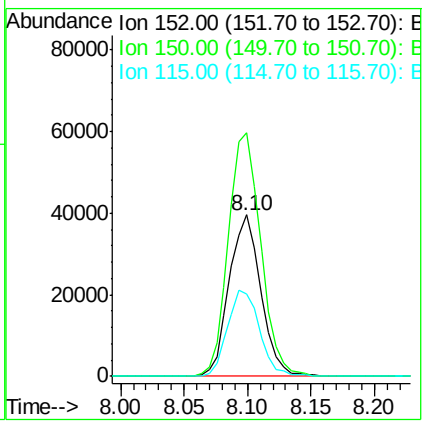


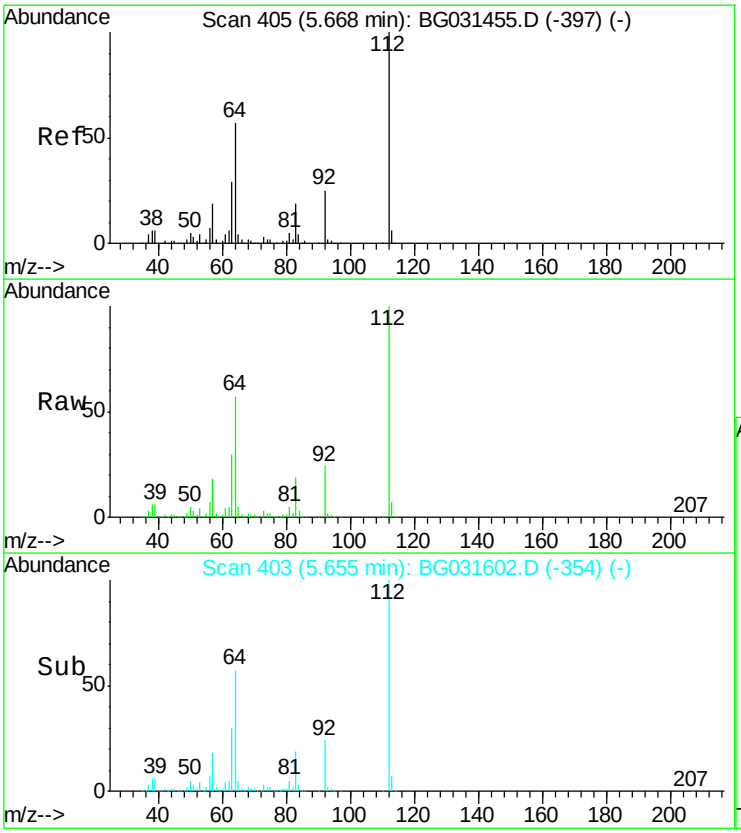
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:152 Resp: 68548

Ion	Ratio	Lower	Upper
152	100		
150	150.7	126.6	189.8
115	50.6	53.0	79.4#

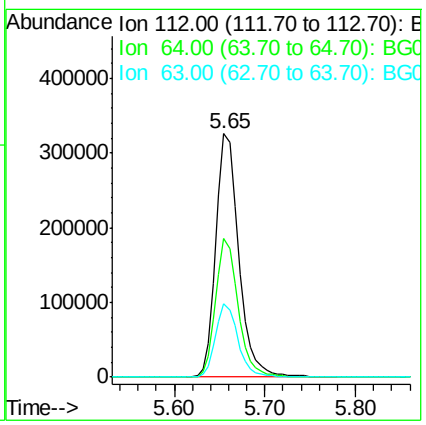


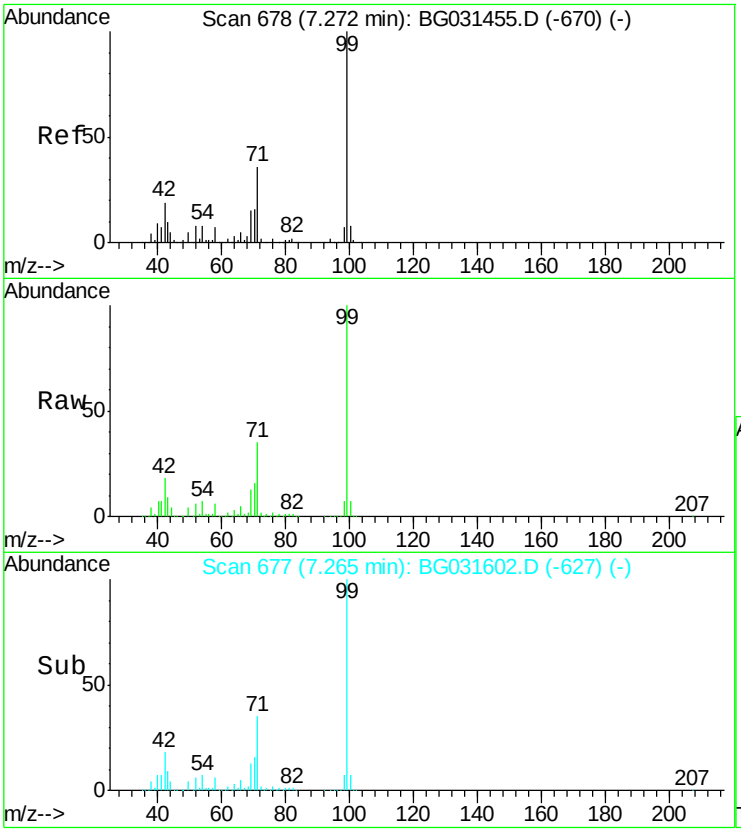


#5
2-Fluorophenol
Concen: 147.935 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:112 Resp: 572103

Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	30.3	30.1	45.1



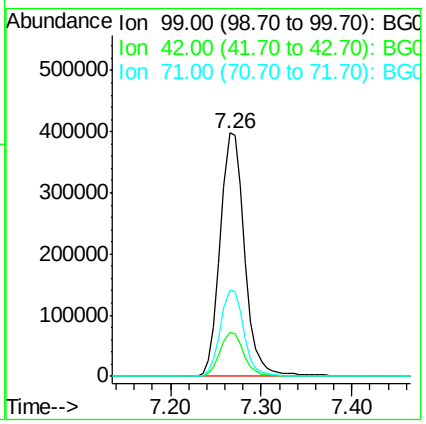


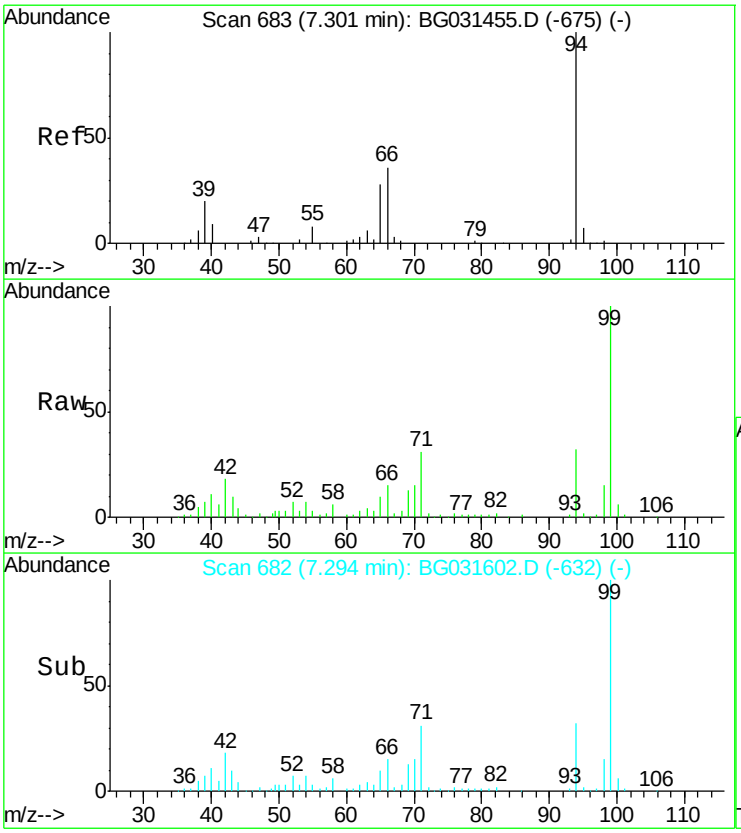
#7
Phenol-d6
Concen: 138.925 ng
RT: 7.26 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion: 99 Resp: 745841

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	35.3	26.1	39.1

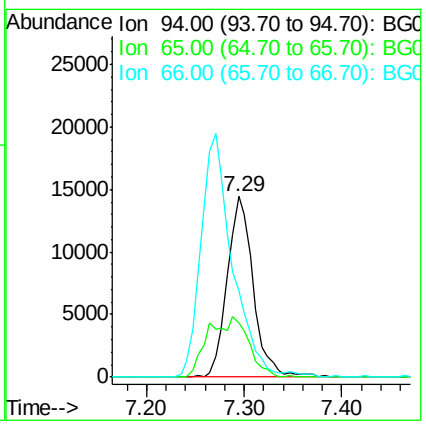


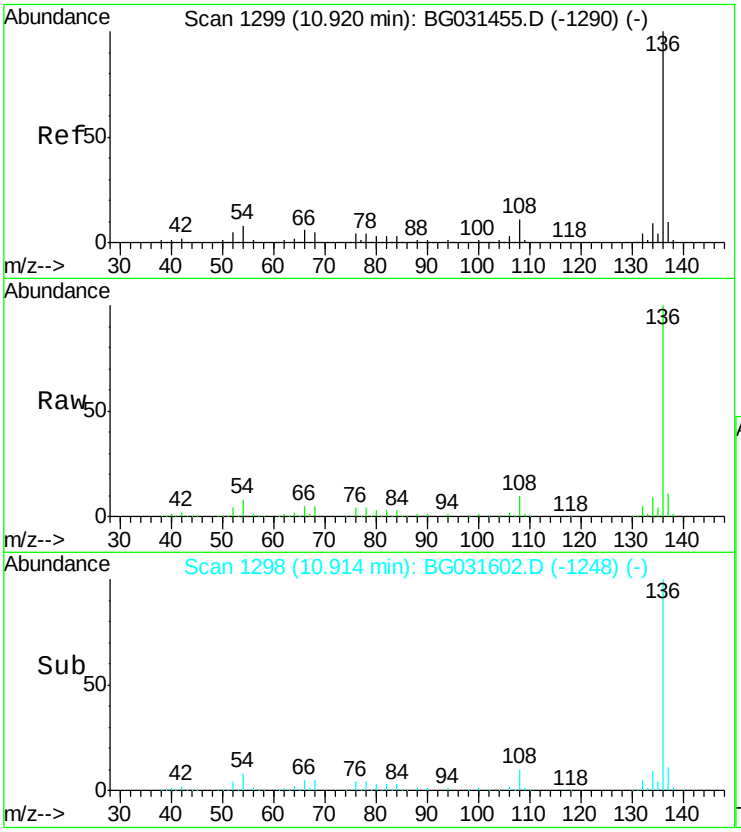


#10
Phenol
Concen: 4.829 ng
RT: 7.29 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion: 94 Resp: 26632

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.9	51.9
66	48.0	22.2	62.2



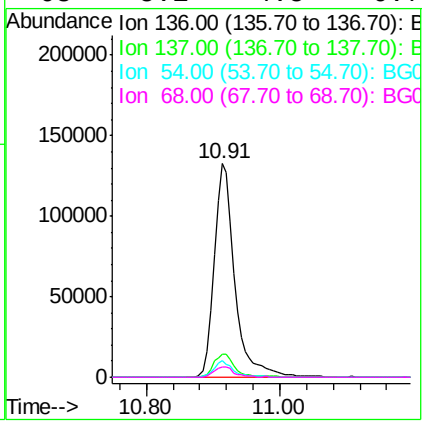


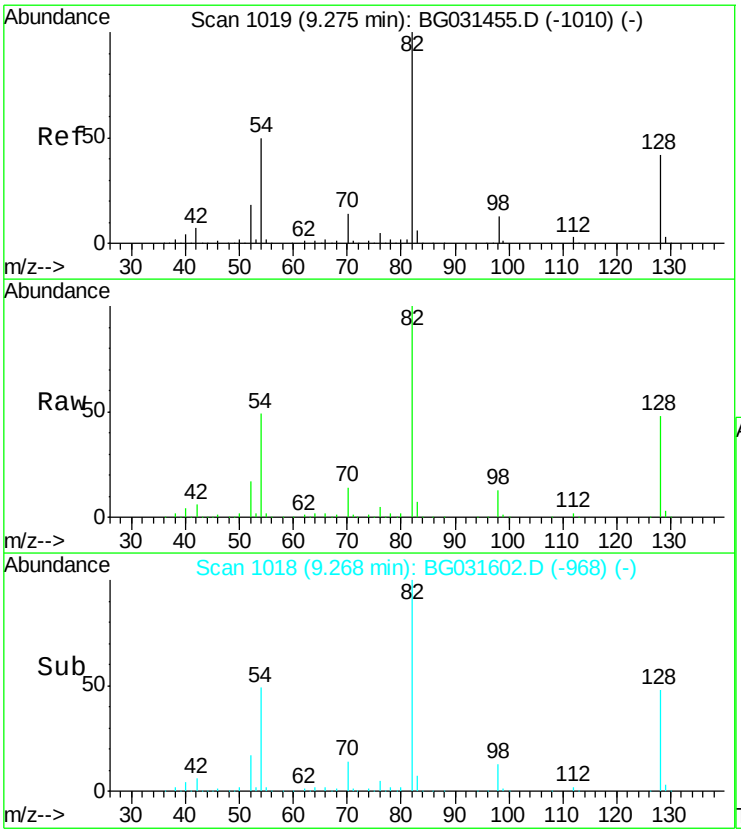
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:136 Resp: 287910

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.7	10.3	15.5#
68	5.1	4.5	6.7

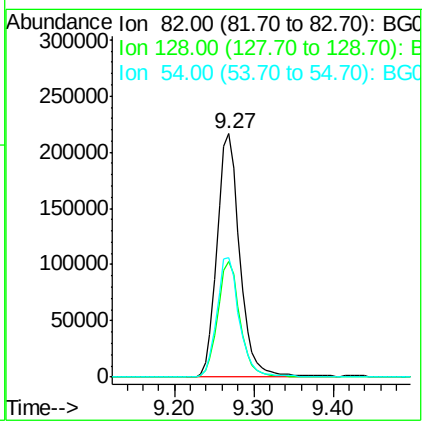


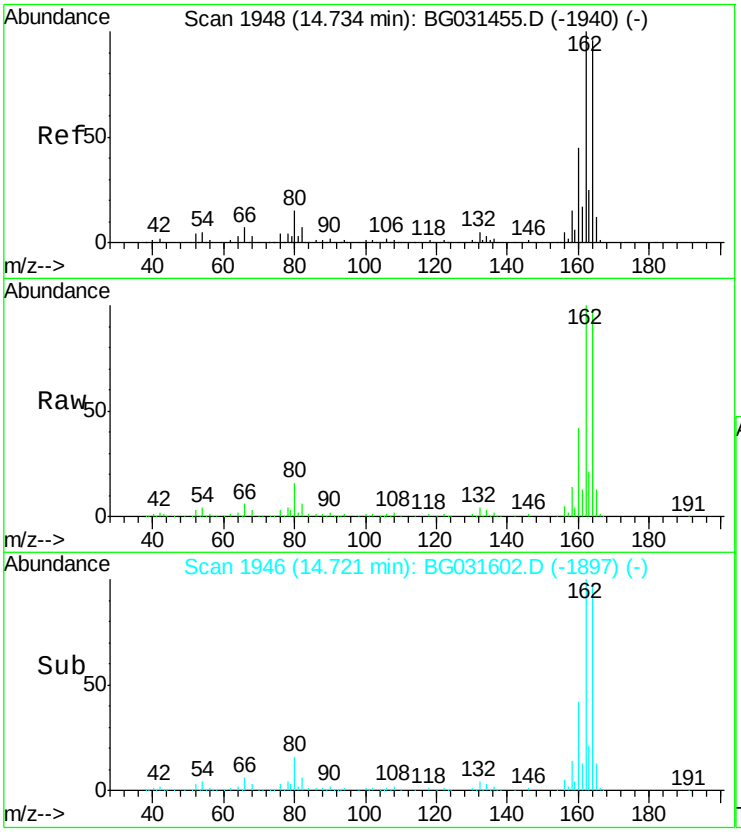


#23
Nitrobenzene-d5
Concen: 92.621 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion: 82 Resp: 432640

Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	49.0	43.1	64.7



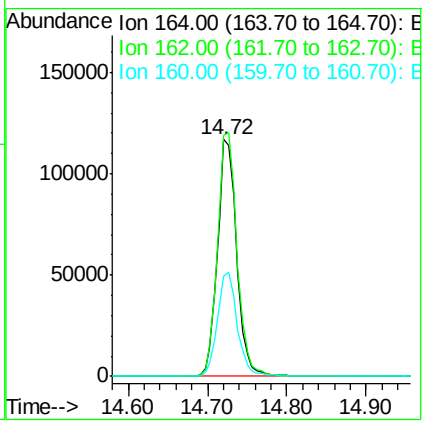


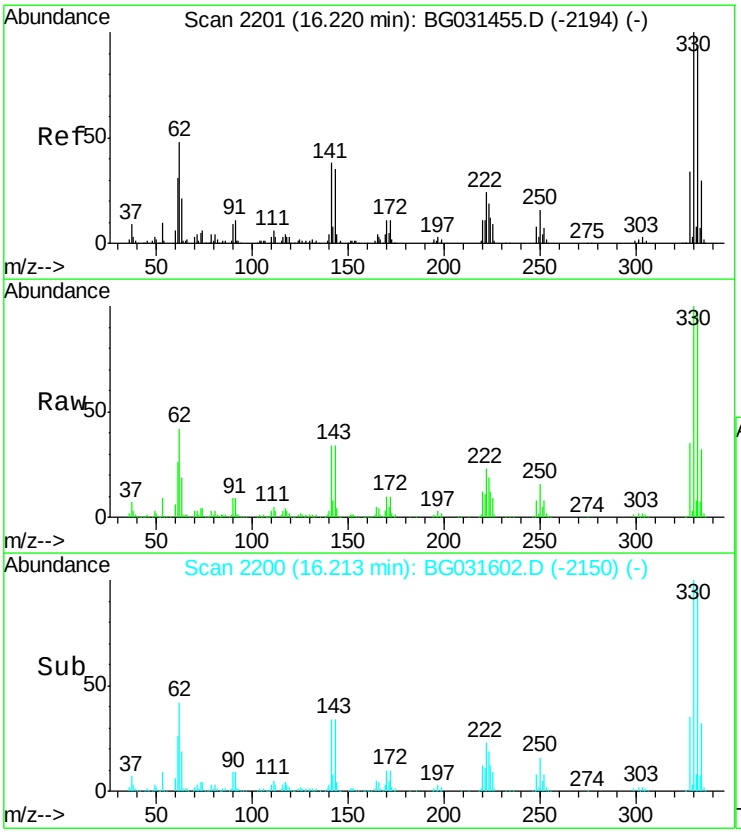
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:164 Resp: 196329

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	42.5	35.4	53.0

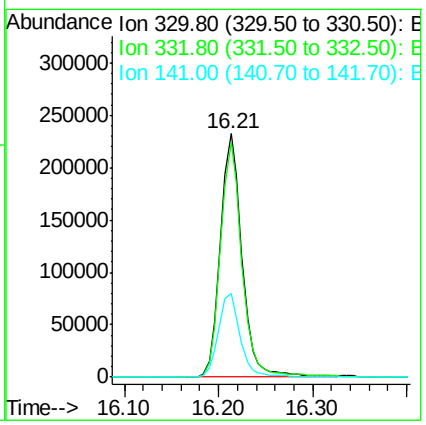


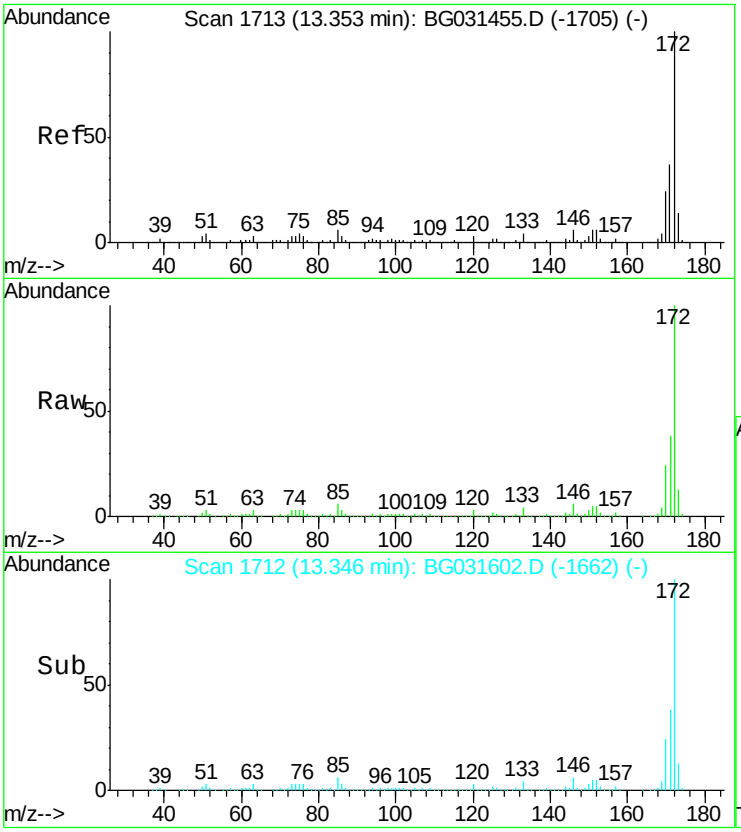


#41
2,4,6-Tribromophenol
Concen: 163.118 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:330 Resp: 375183

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.6	25.2	37.8



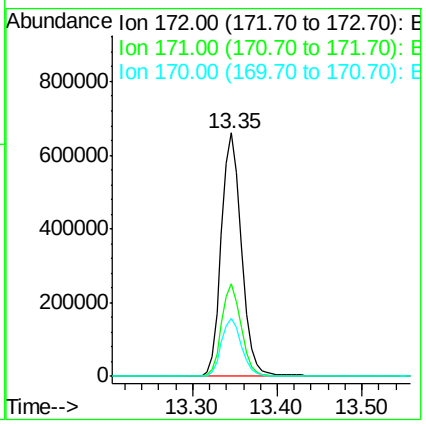


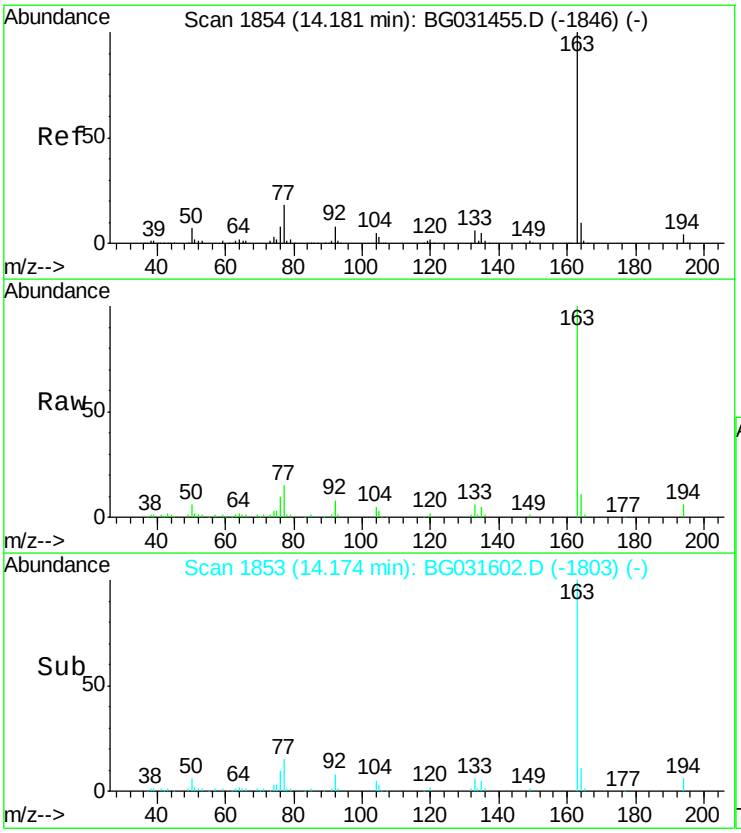
#44
2-Fluorobiphenyl
Concen: 81.742 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:172 Resp: 1093301

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.8	19.5	29.3

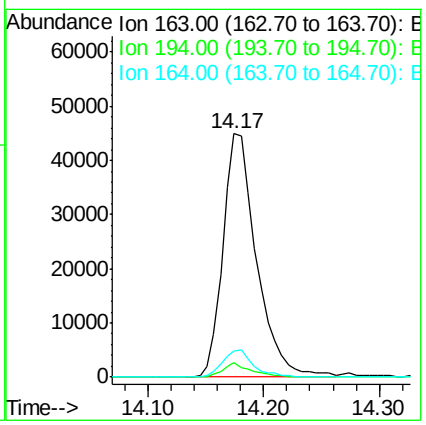


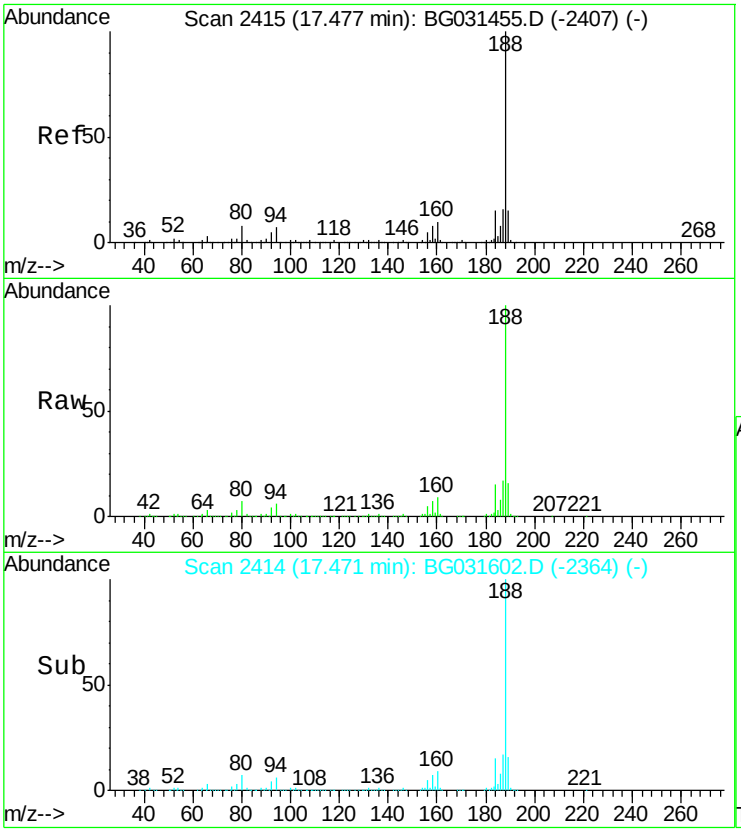


#49
Dimethylphthalate
Concen: 5.571 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:163 Resp: 90550

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	10.8	8.2	12.4



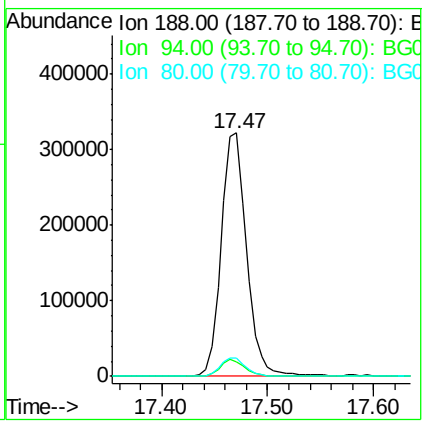


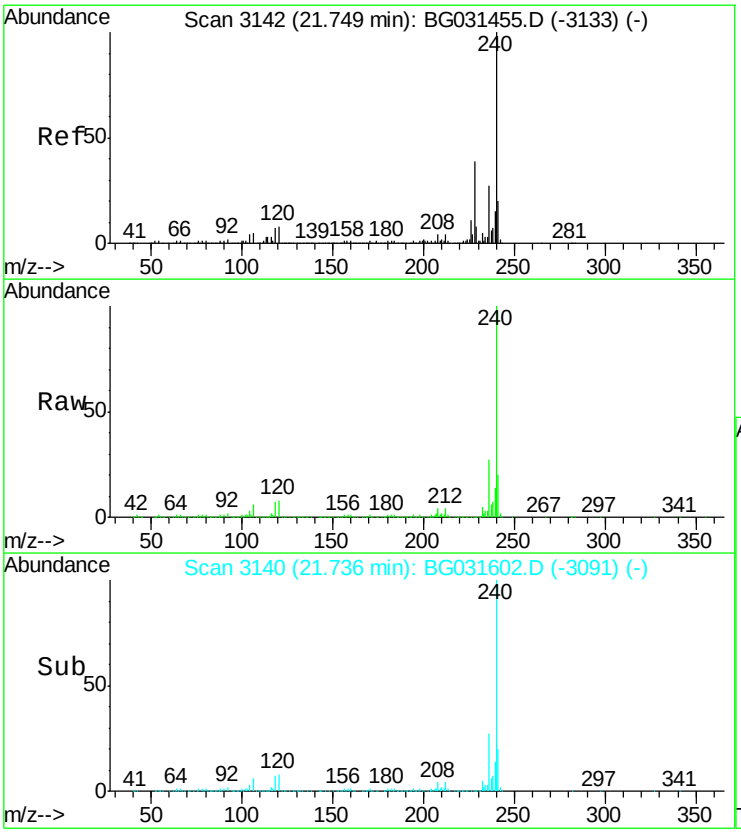
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:188 Resp: 536048

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	7.4	7.7	11.5#

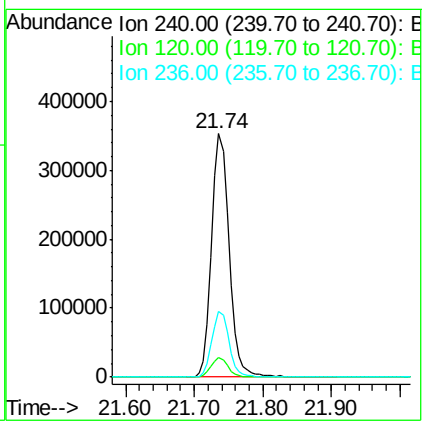


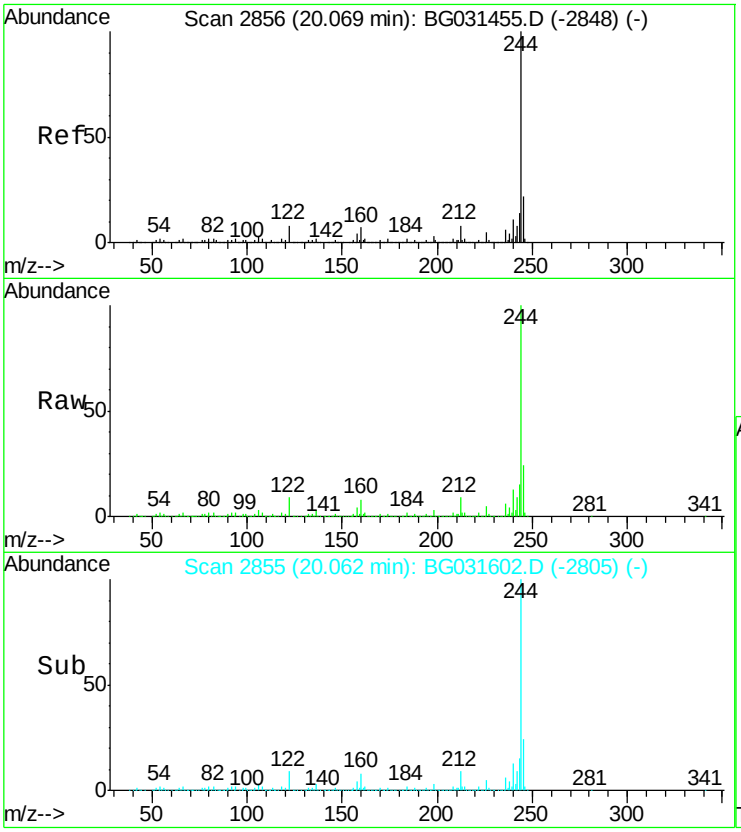


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:240 Resp: 626271

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	27.2	20.9	31.3



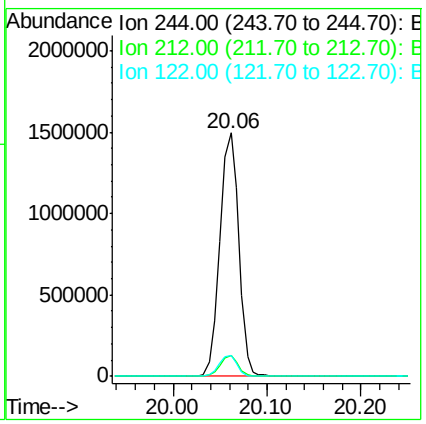


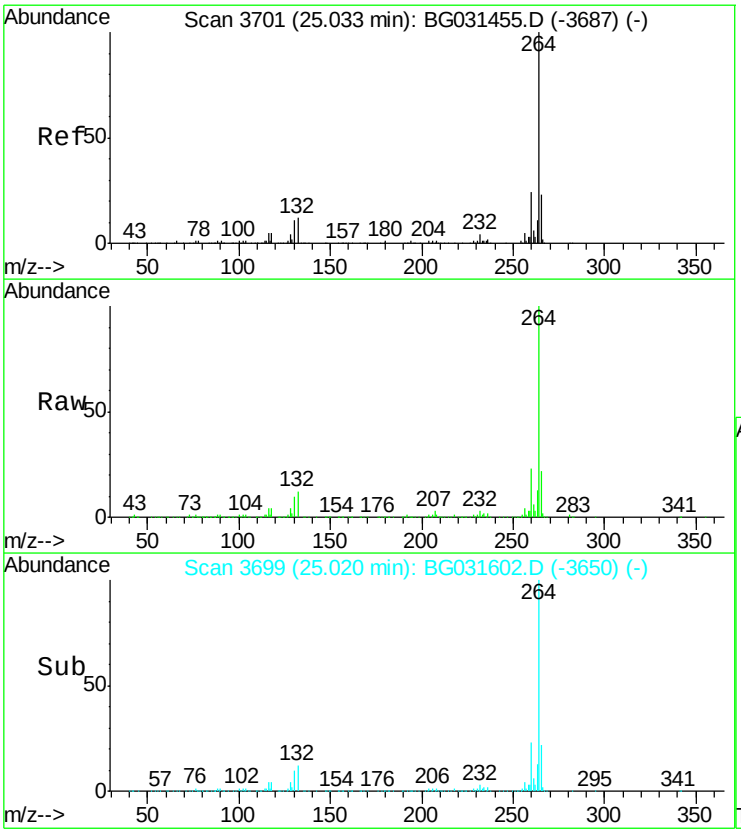
#78
Terphenyl-d14
Concen: 76.364 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Instrument :
BNA_G
ClientSampleId :
EPE-125-4(0-5)

Tgt Ion:244 Resp: 2102019

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031602.D
Acq: 15 Dec 2017 23:58

Tgt Ion:264 Resp: 535641

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.5	17.7	26.5