Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
Data File : BG032502.D
Acq On : 1 Feb 2018 22:53
Operator : SJ/JU
Sample : J1408-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-5(140-142)

Quant Time: Feb 02 03:15:54 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	23033	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	89536	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	65674	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	182587	20.00	ng	0.00
75) Chrysene-d12	22.41	240	250373	20.00	ng	-0.01
86) Perylene-d12	26.08	264	268955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	111678	97.39	ng	0.00
7) Phenol-d6	7.83	99	139495	91.16	ng	0.00
23) Nitrobenzene-d5	9.91	82	87115	60.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	124293	99.43	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	295252	53.43	ng	-0.01
78) Terphenyl-d14	20.62	244	678364	58.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.86	94	3083	2.122	ng	# 51
49) Dimethylphthalate	14.77	163	24264	4.007	ng	99

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

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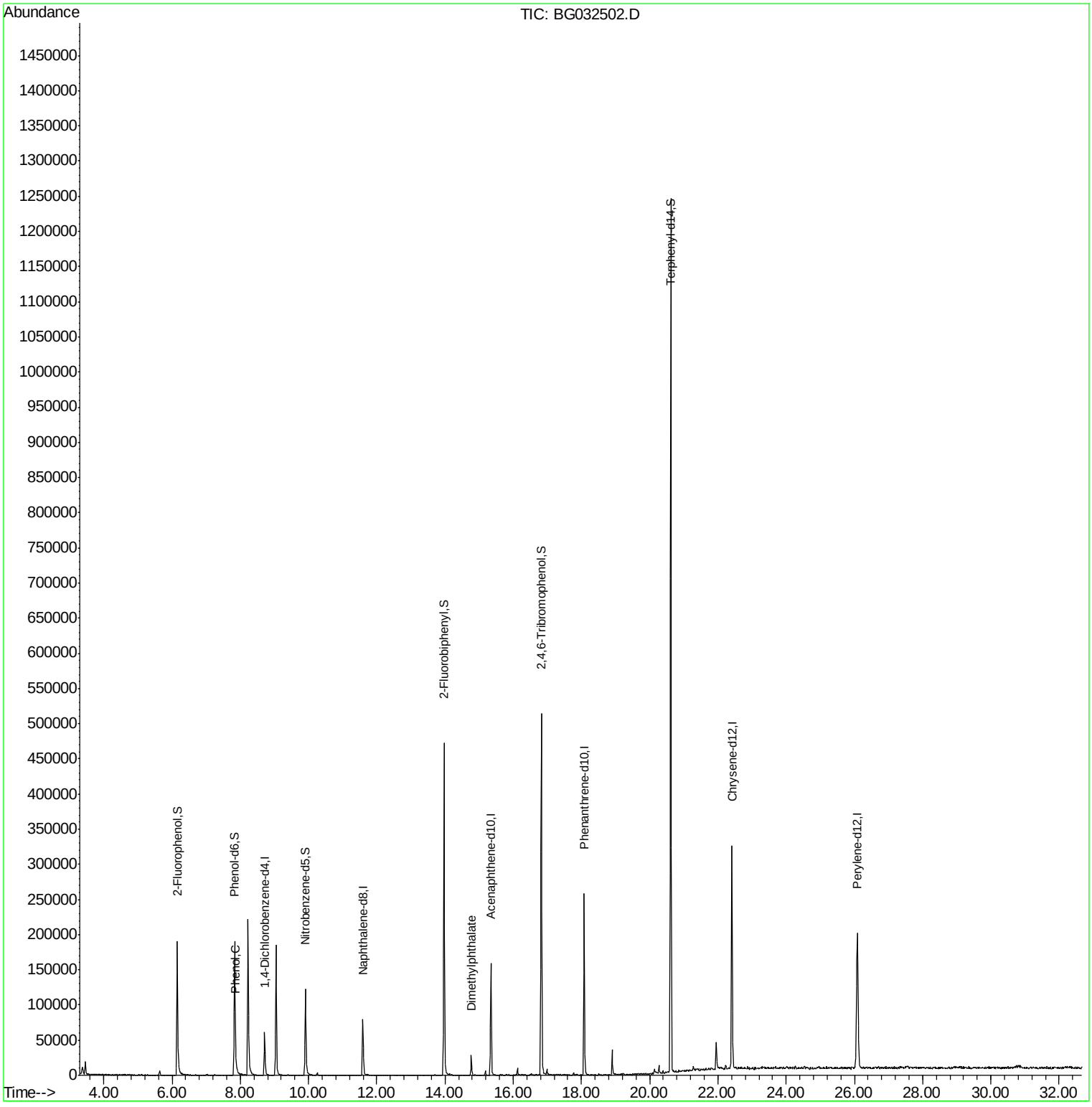
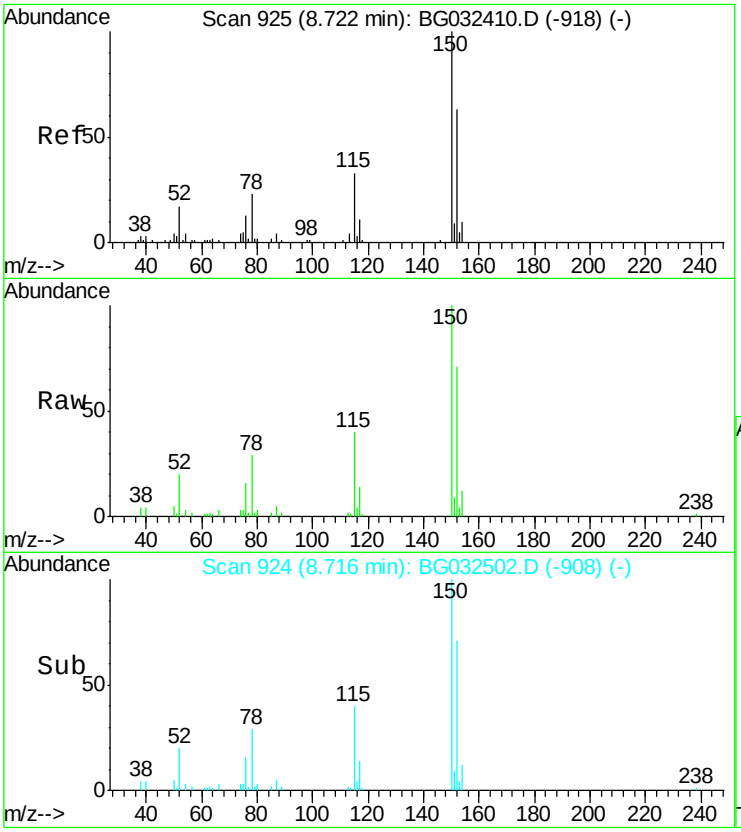


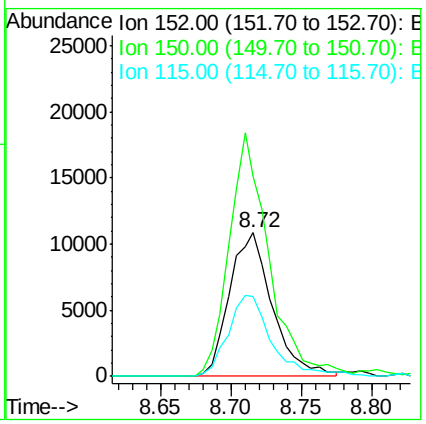


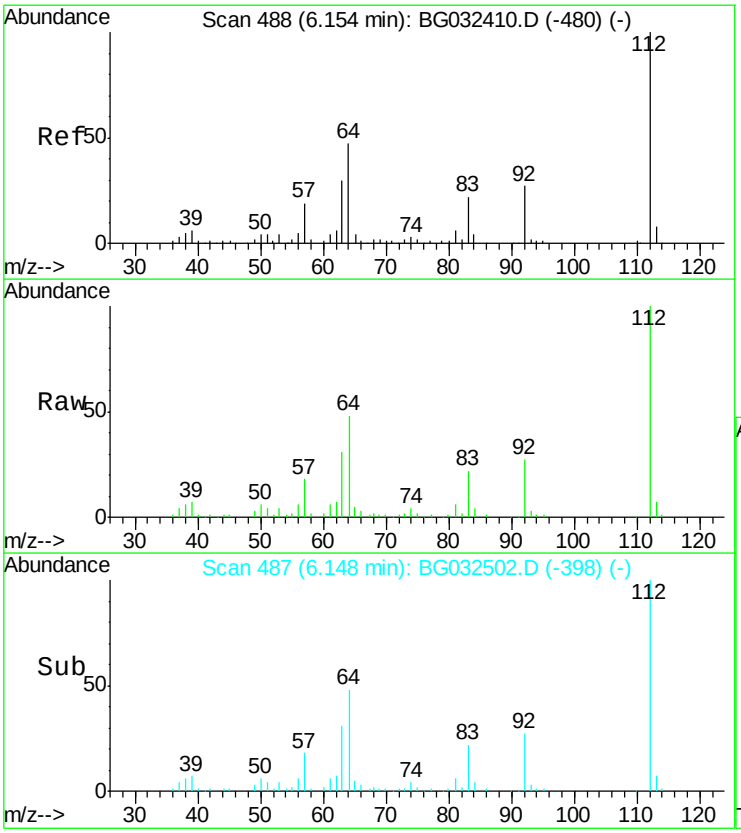
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:152 Resp: 23033

Ion	Ratio	Lower	Upper
152	100		
150	139.9	126.6	189.8
115	55.8	53.0	79.4

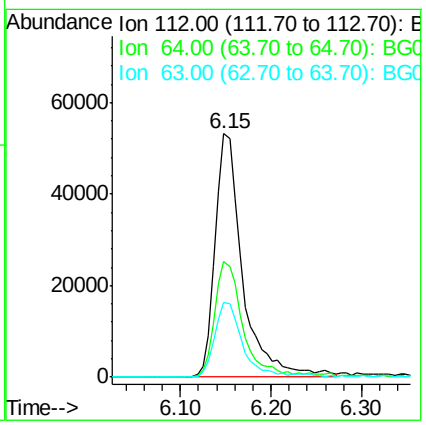


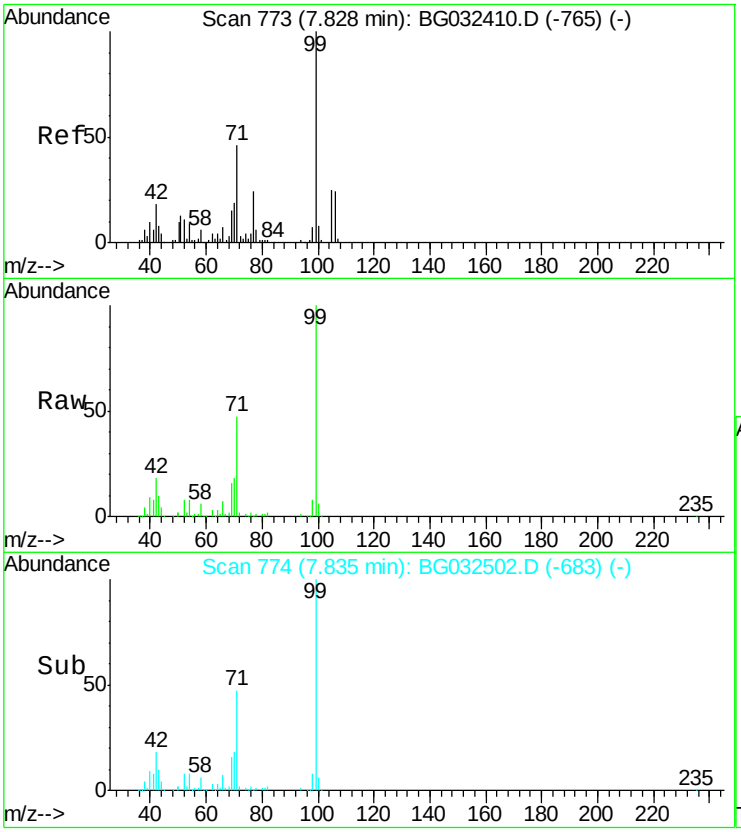


#5
2-Fluorophenol
Concen: 97.387 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:112 Resp: 111678

Ion	Ratio	Lower	Upper
112	100		
64	47.6	56.3	84.5#
63	30.5	30.1	45.1



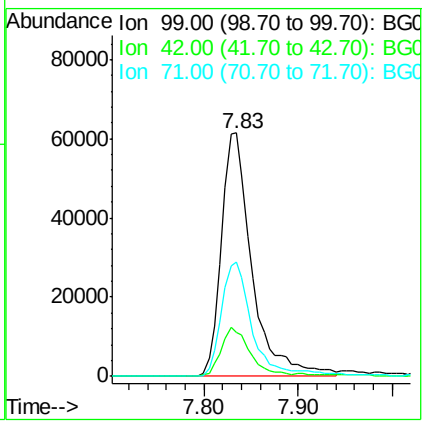


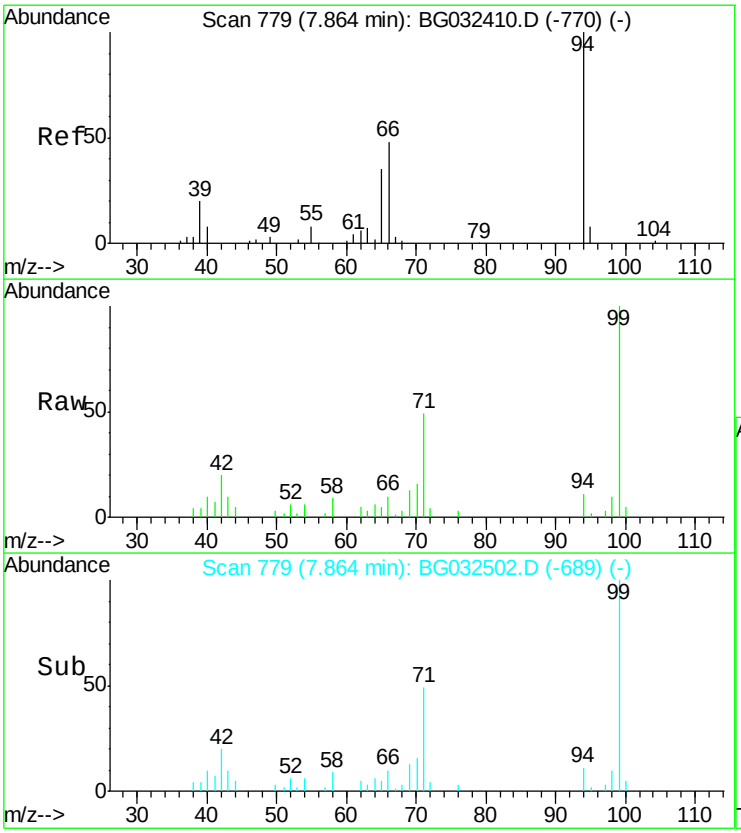
#7
Phenol-d6
Concen: 91.159 ng
RT: 7.83 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion: 99 Resp: 139495

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	46.7	26.1	39.1#

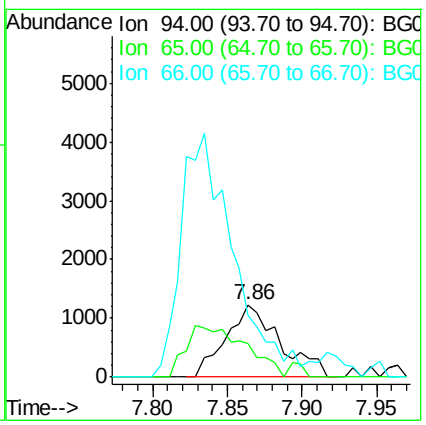


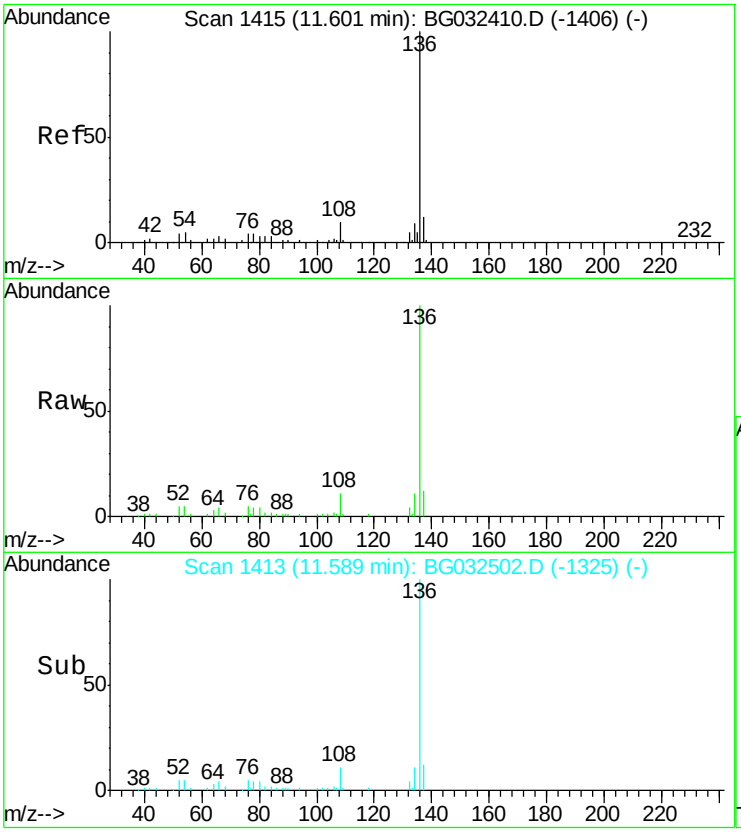


#10
Phenol
Concen: 2.122 ng
RT: 7.86 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion: 94 Resp: 3083

Ion	Ratio	Lower	Upper
94	100		
65	46.3	11.9	51.9
66	84.8	22.2	62.2#



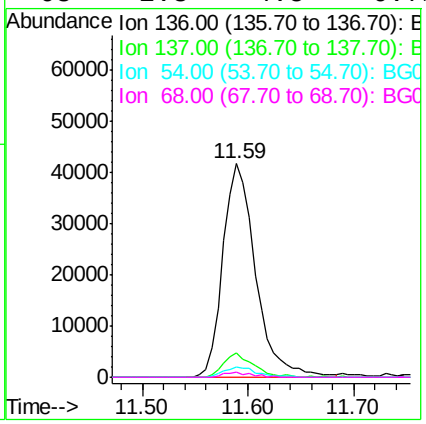


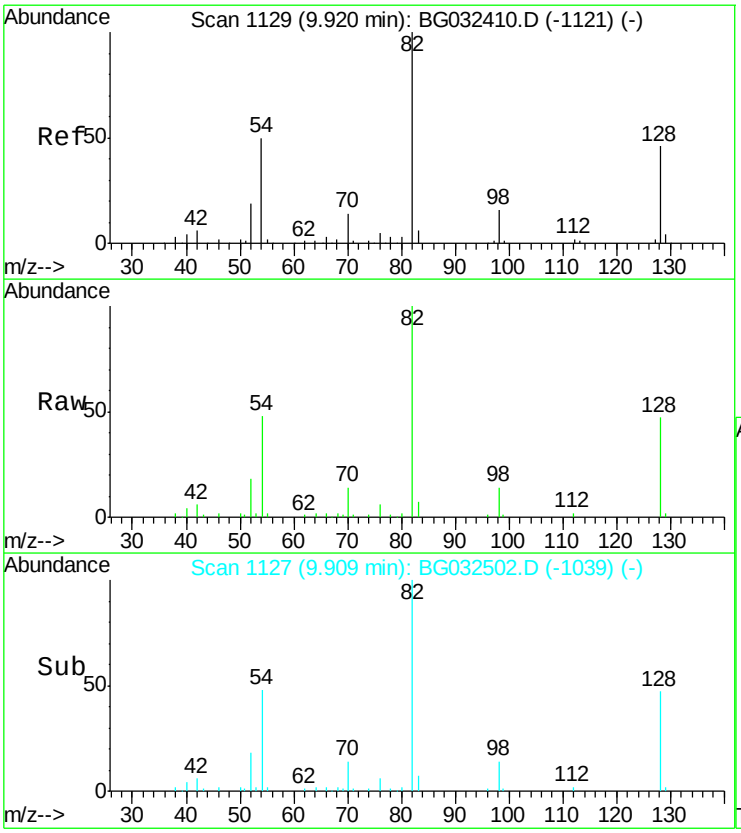
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:136 Resp: 89536

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	4.9	10.3	15.5#
68	2.3	4.5	6.7#

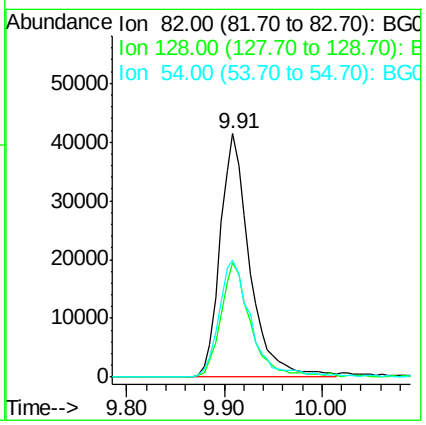


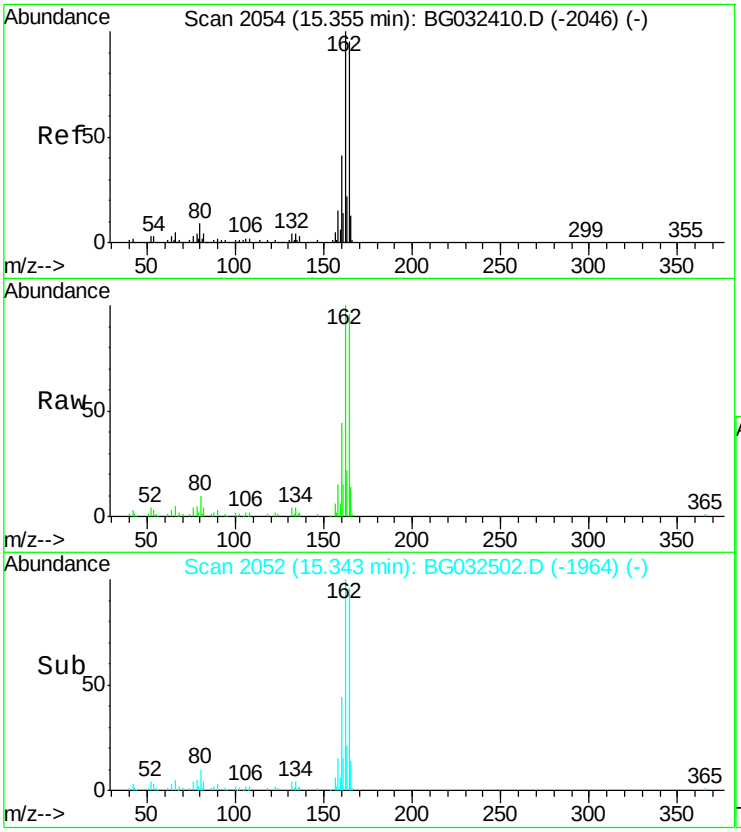


#23
Nitrobenzene-d5
Concen: 60.772 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion: 82 Resp: 87115

Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	48.1	43.1	64.7



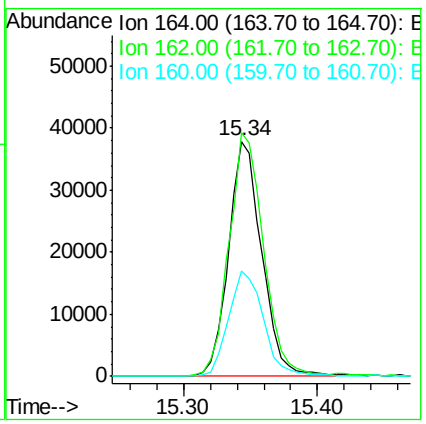


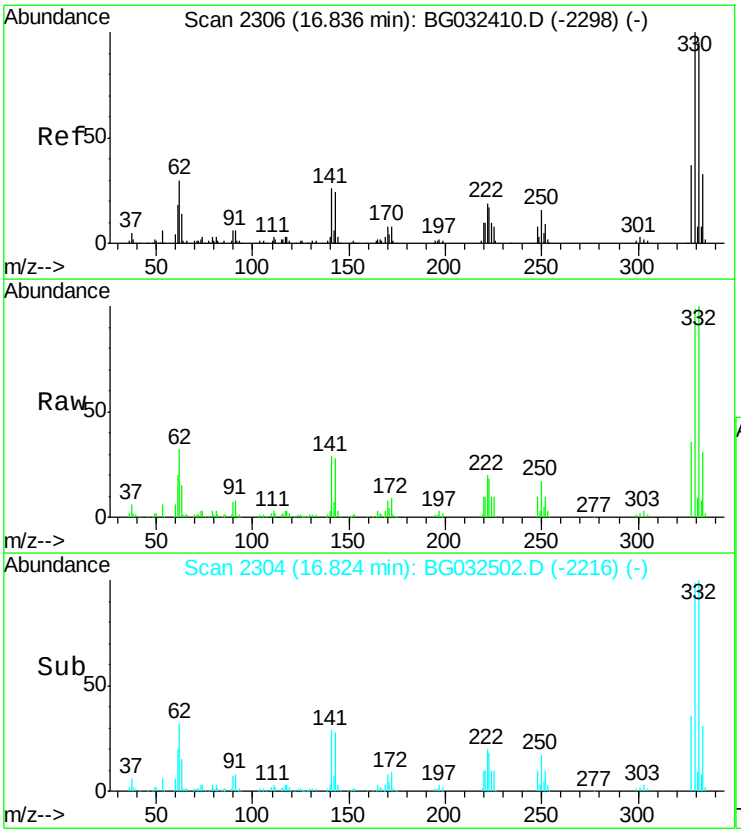
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:164 Resp: 65674

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.1	35.4	53.0

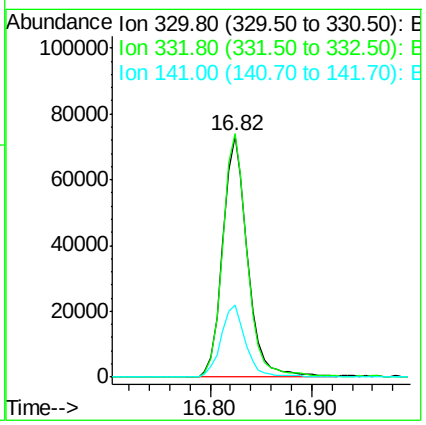


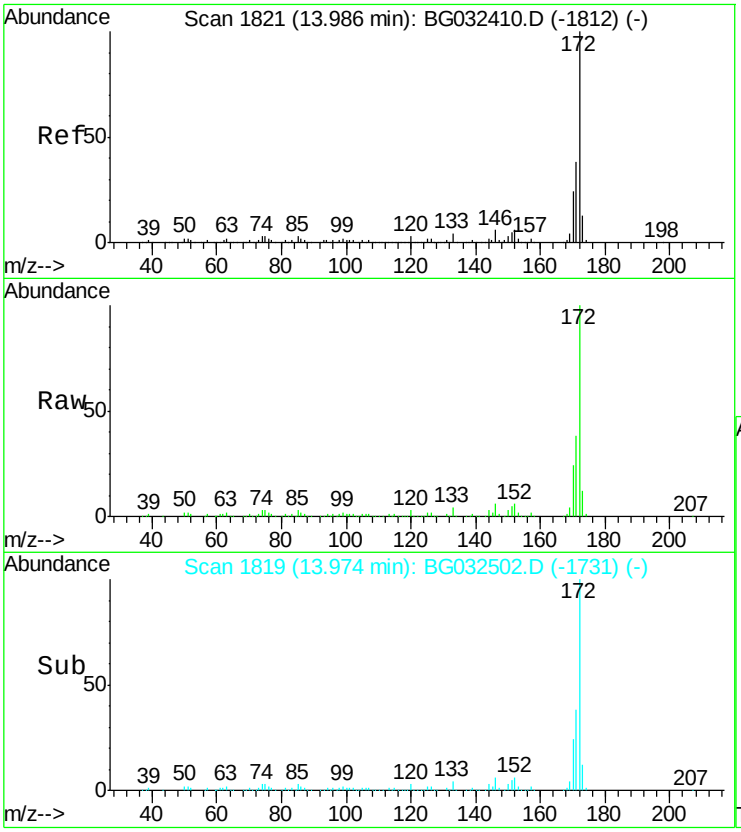


#41
2,4,6-Tribromophenol
Concen: 99.426 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:330 Resp: 124293

Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.0	115.6
141	29.5	25.2	37.8



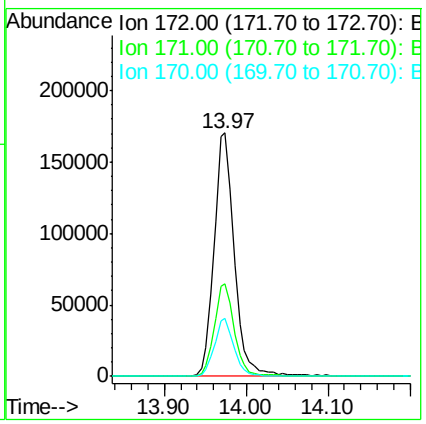


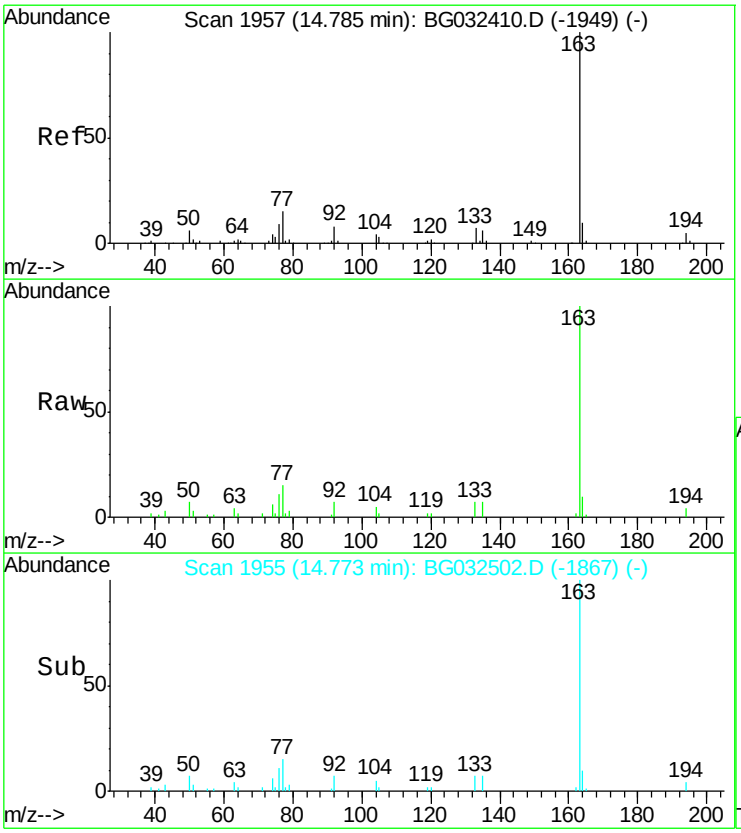
#44
2-Fluorobiphenyl
Concen: 53.435 ng
RT: 13.97 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:172 Resp: 295252

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.9	19.5	29.3

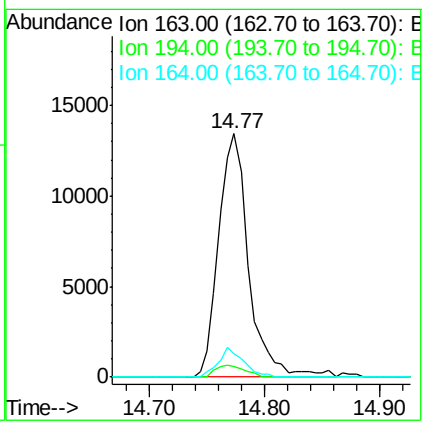


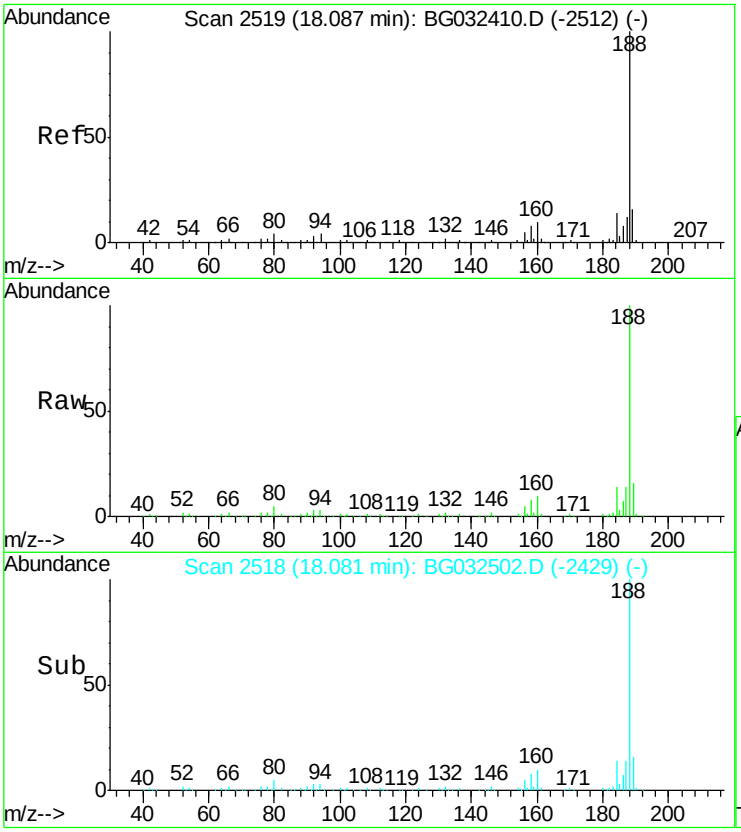


#49
Dimethylphthalate
Concen: 4.007 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:163 Resp: 24264

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	8.2	12.4



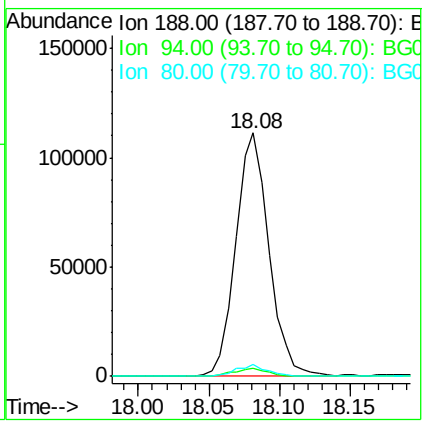


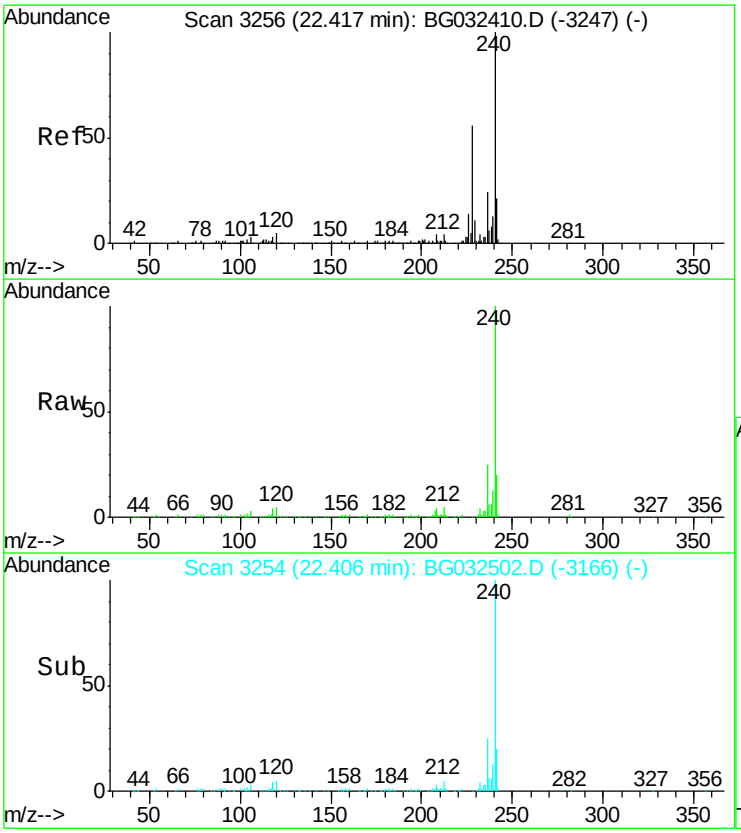
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:188 Resp: 182587

Ion	Ratio	Lower	Upper
188	100		
94	3.5	6.9	10.3#
80	4.8	7.7	11.5#

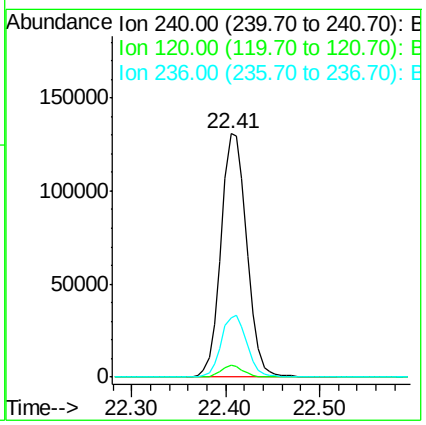


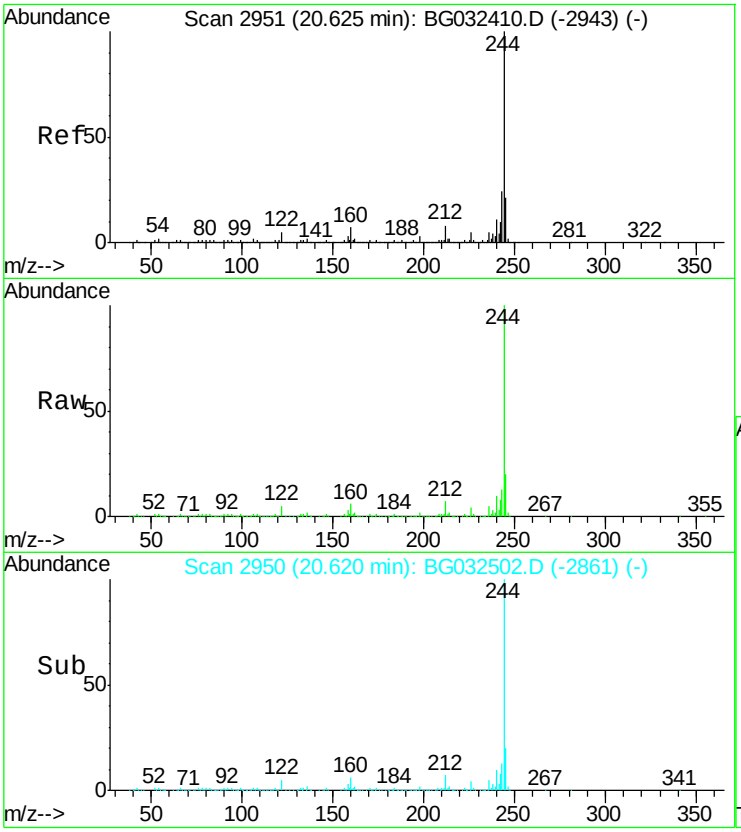


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:240 Resp: 250373

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	24.6	20.9	31.3



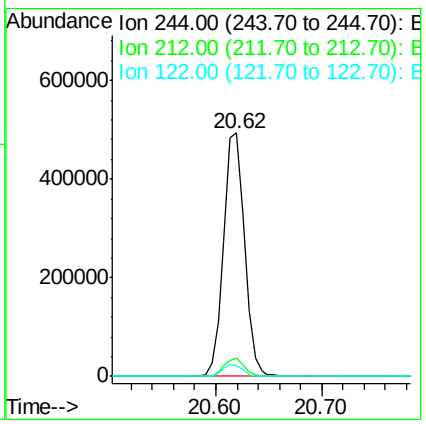


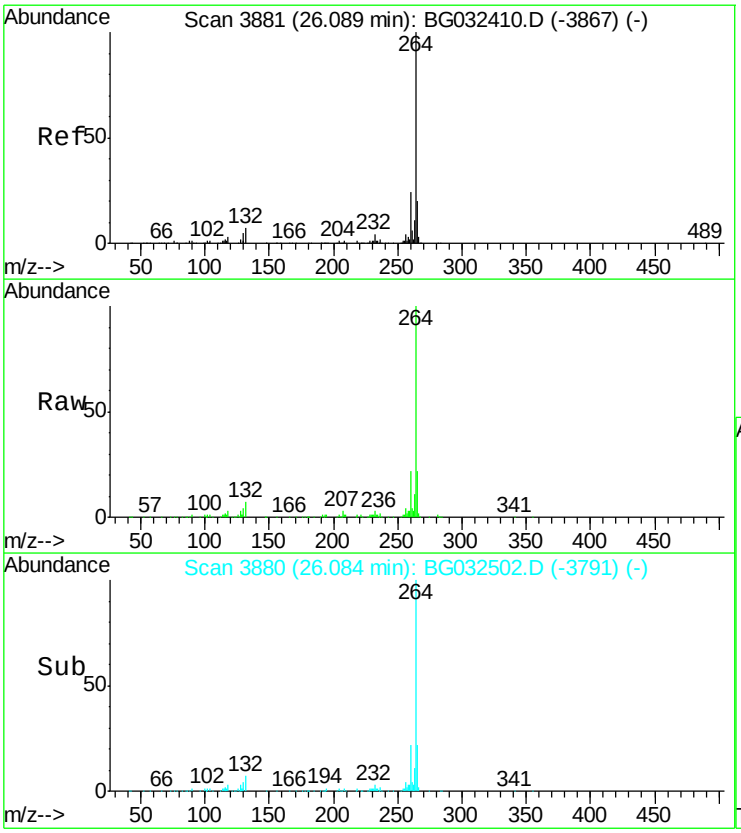
#78
Terphenyl-d14
Concen: 58.038 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Instrument :
BNA_G
ClientSampleId :
EPE-106-5(140-142)

Tgt Ion:244 Resp: 678364

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	4.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BG032502.D
Acq: 1 Feb 2018 22:53

Tgt Ion:264 Resp: 268955

Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.7	17.7	26.5