Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031690.D
Acq On : 22 Dec 2017 1:37
Operator : SJ/JU
Sample : I7002-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-3DS(40-50)

Quant Time: Dec 22 04:33:16 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	48931	20.00	ng	-0.01
21) Naphthalene-d8	11.72	136	205437	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	146139	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	391076	20.00	ng	0.00
75) Chrysene-d12	22.56	240	444739	20.00	ng	-0.01
86) Perylene-d12	26.34	264	472975	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	390912	145.51	ng	0.00
7) Phenol-d6	7.92	99	505463	144.92	ng	0.00
23) Nitrobenzene-d5	10.03	82	253259	93.09	ng	-0.01
41) 2,4,6-Tribromophenol	16.94	330	339745	152.36	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	955569	82.07	ng	0.00
78) Terphenyl-d14	20.73	244	1667760	85.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.95	94	19913	5.655	ng	89
49) Dimethylphthalate	14.89	163	91147	7.080	ng	99

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

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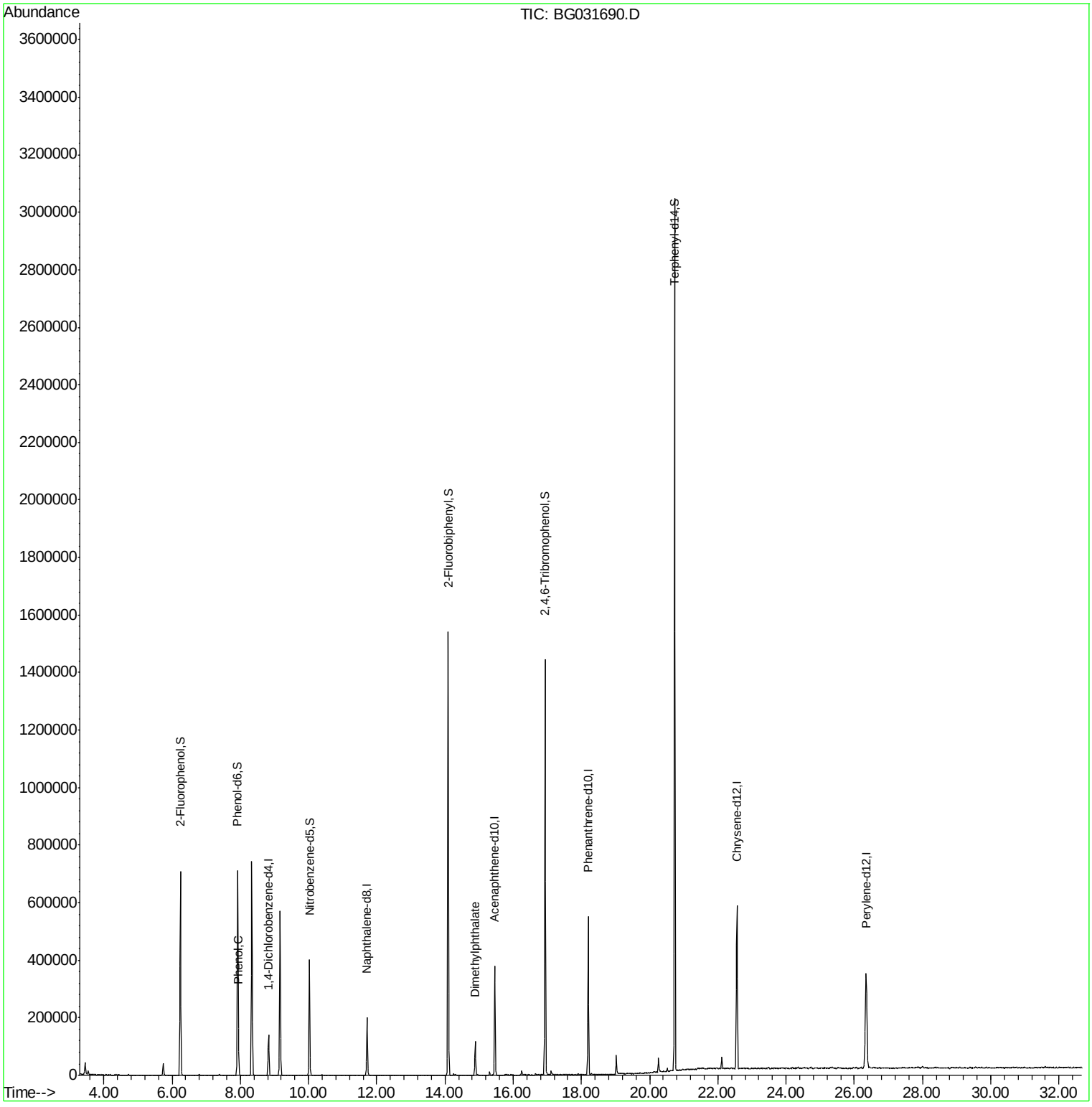
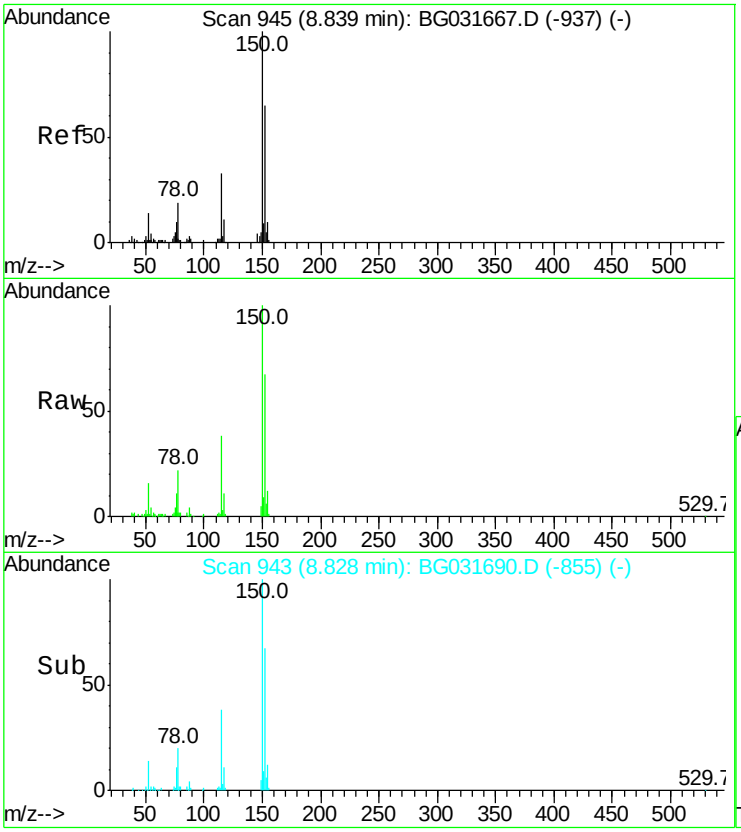


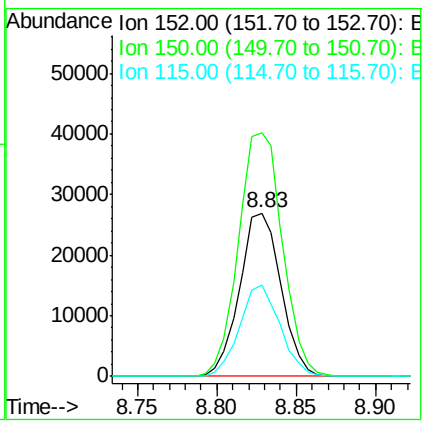


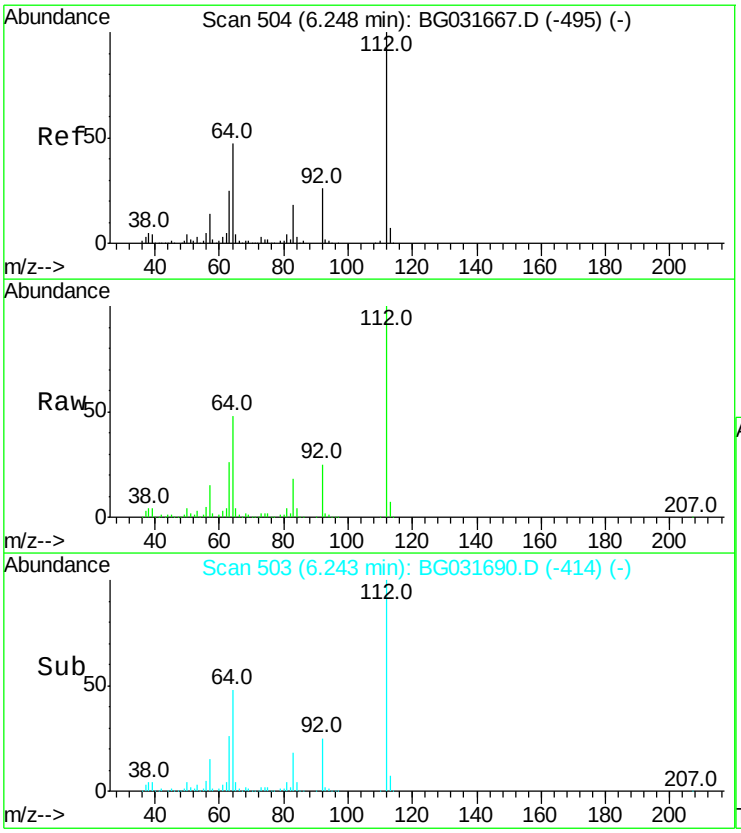
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:152 Resp: 48931

Ion	Ratio	Lower	Upper
152	100		
150	149.0	126.6	189.8
115	56.0	53.0	79.4

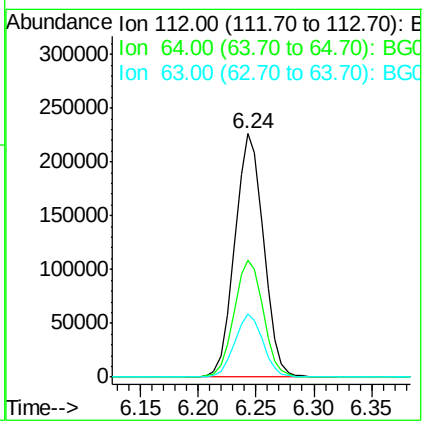


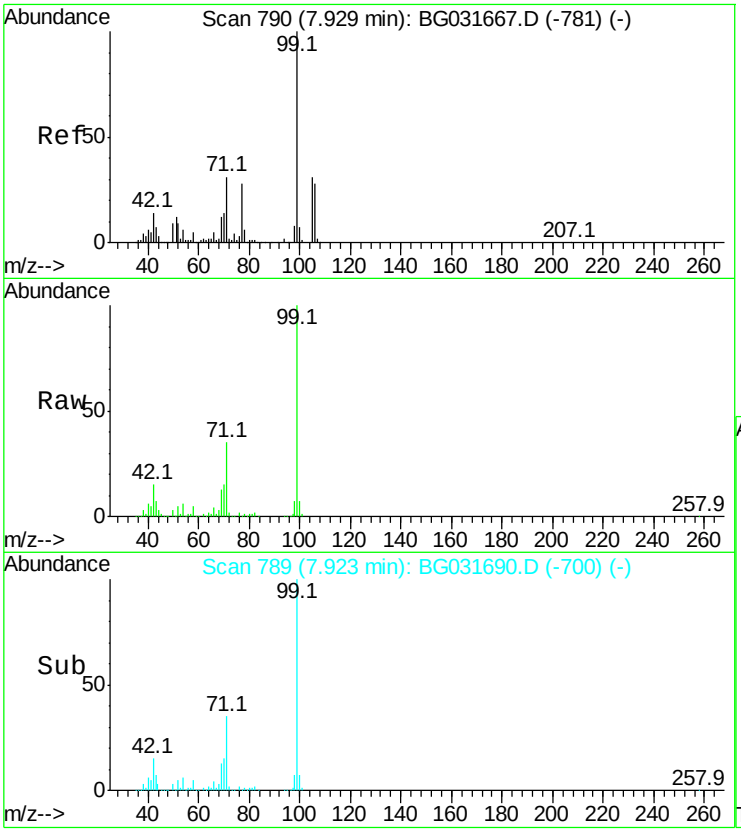


#5
2-Fluorophenol
Concen: 145.511 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion:112 Resp: 390912

Ion	Ratio	Lower	Upper
112	100		
64	48.1	56.3	84.5#
63	26.0	30.1	45.1#



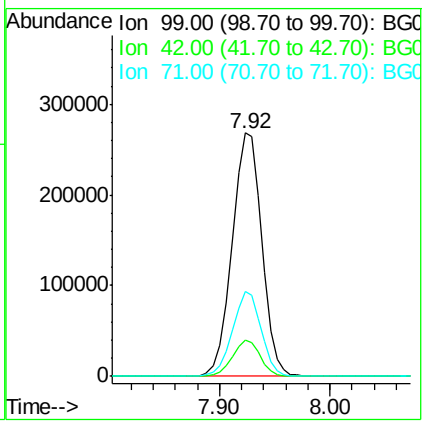


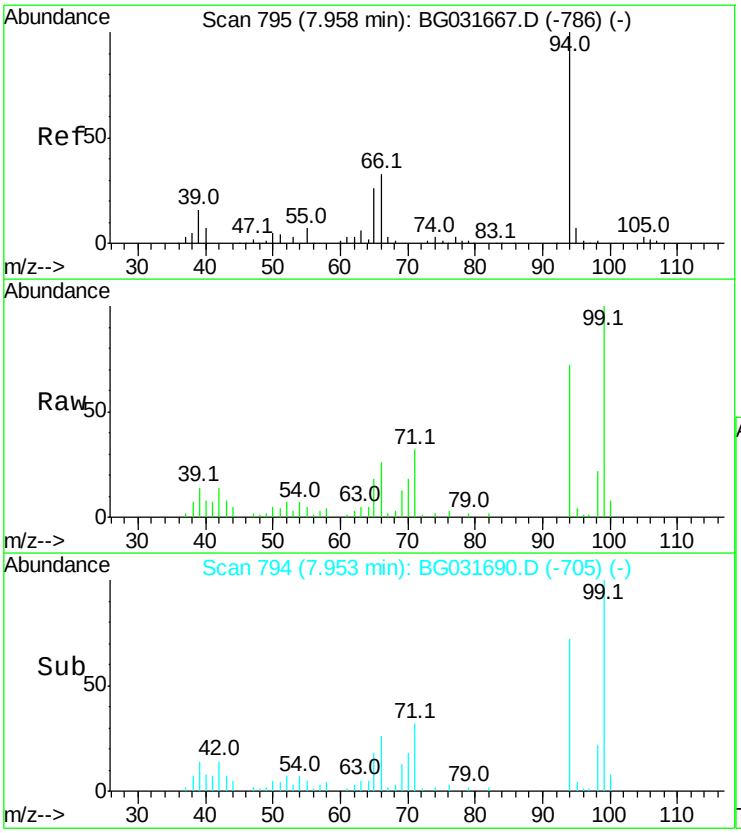
#7
Phenol-d6
Concen: 144.918 ng
RT: 7.92 min Scan# 789
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion: 99 Resp: 505463

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.1	21.1
71	34.7	26.1	39.1

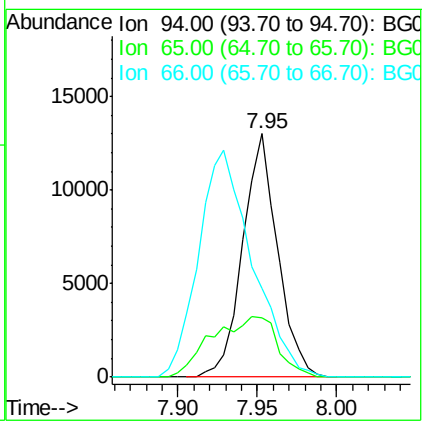


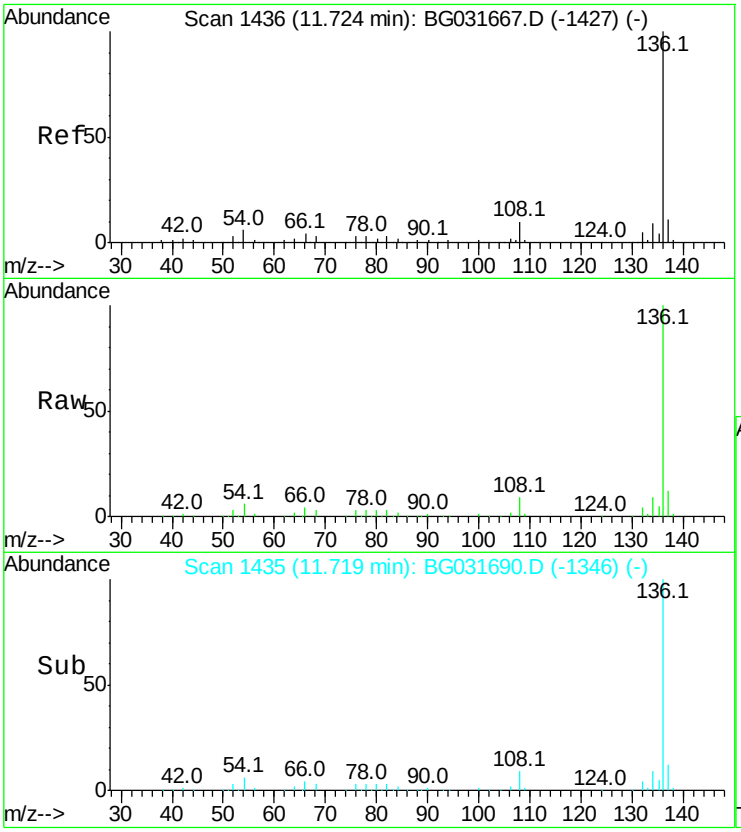


#10
Phenol
Concen: 5.655 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion: 94 Resp: 19913

Ion	Ratio	Lower	Upper
94	100		
65	24.6	11.9	51.9
66	36.5	22.2	62.2



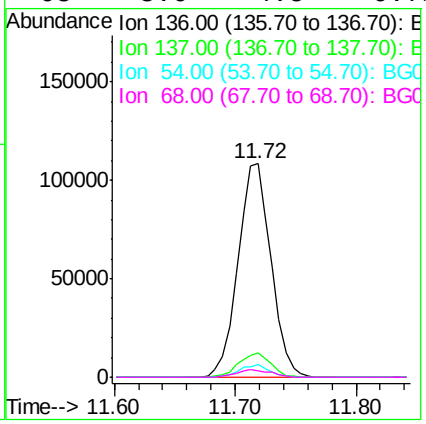


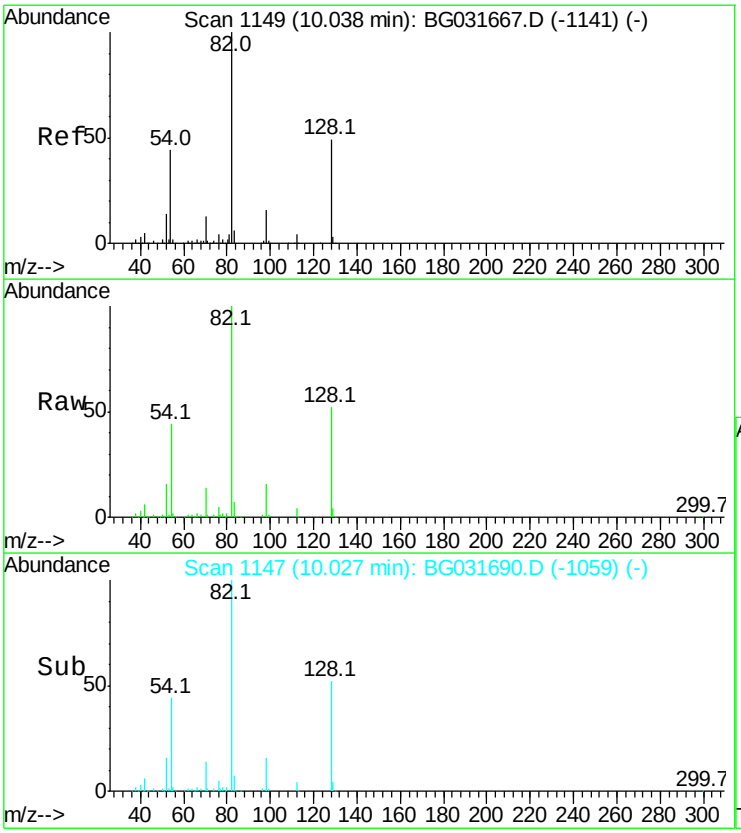
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:136 Resp: 205437

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.7	10.3	15.5#
68	3.0	4.5	6.7#

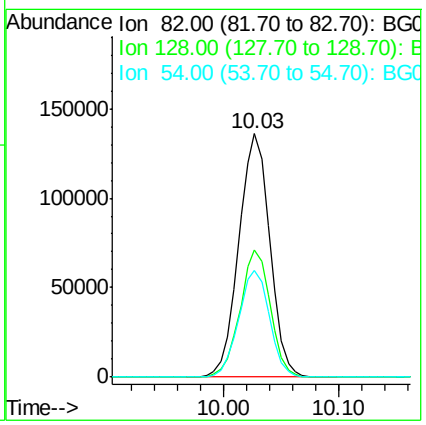


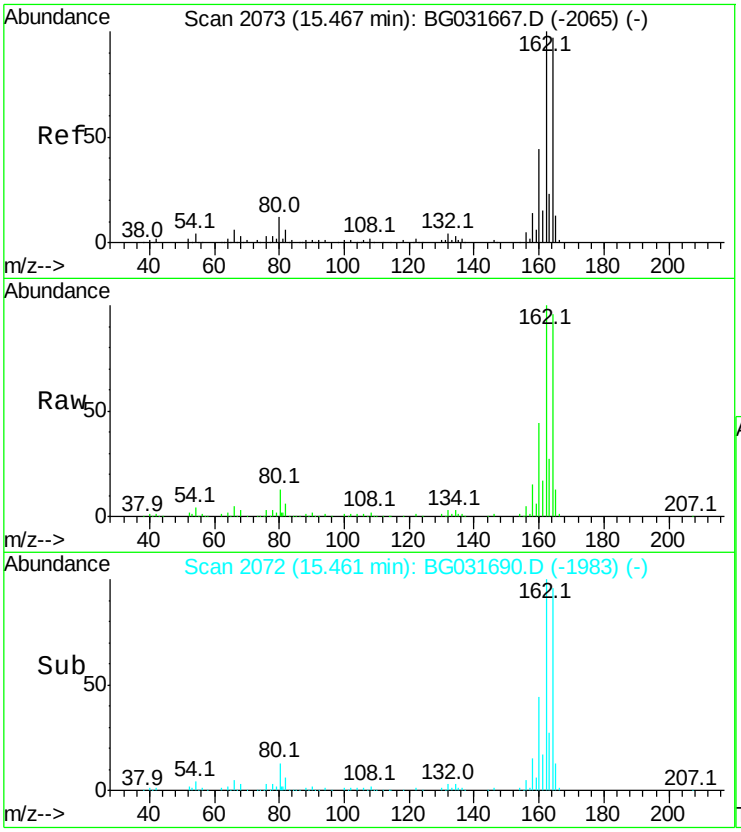


#23
Nitrobenzene-d5
Concen: 93.090 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion: 82 Resp: 253259

Ion	Ratio	Lower	Upper
82	100		
128	52.1	29.7	44.5#
54	43.9	43.1	64.7



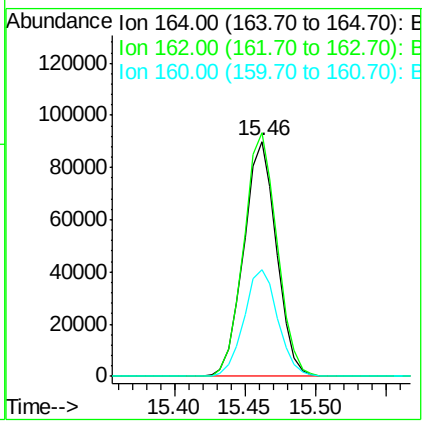


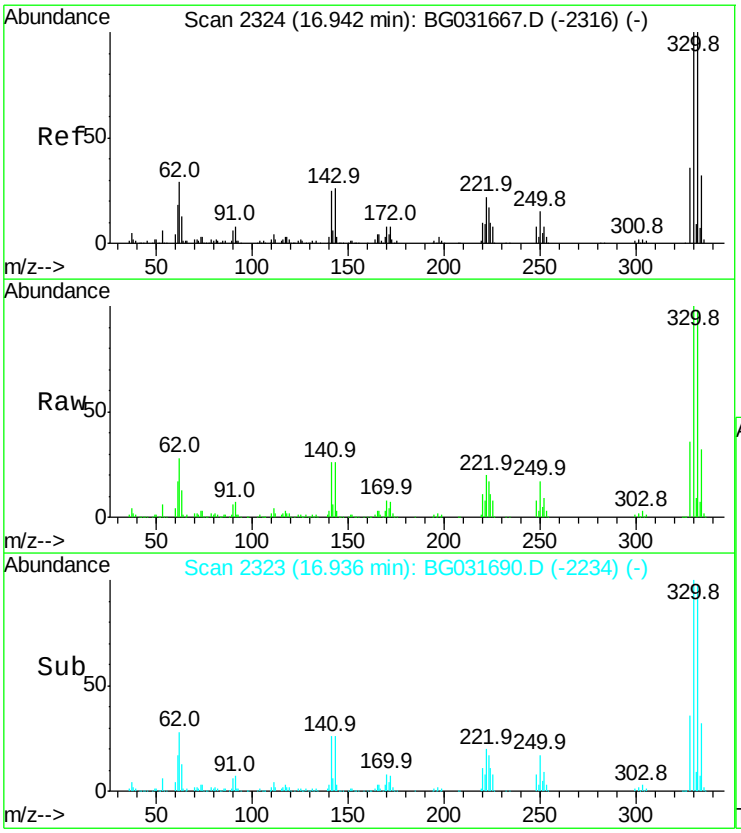
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:164 Resp: 146139

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	45.5	35.4	53.0

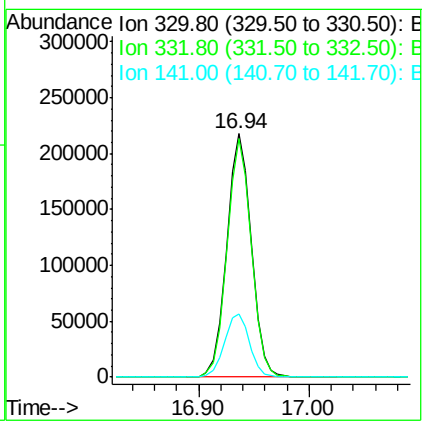


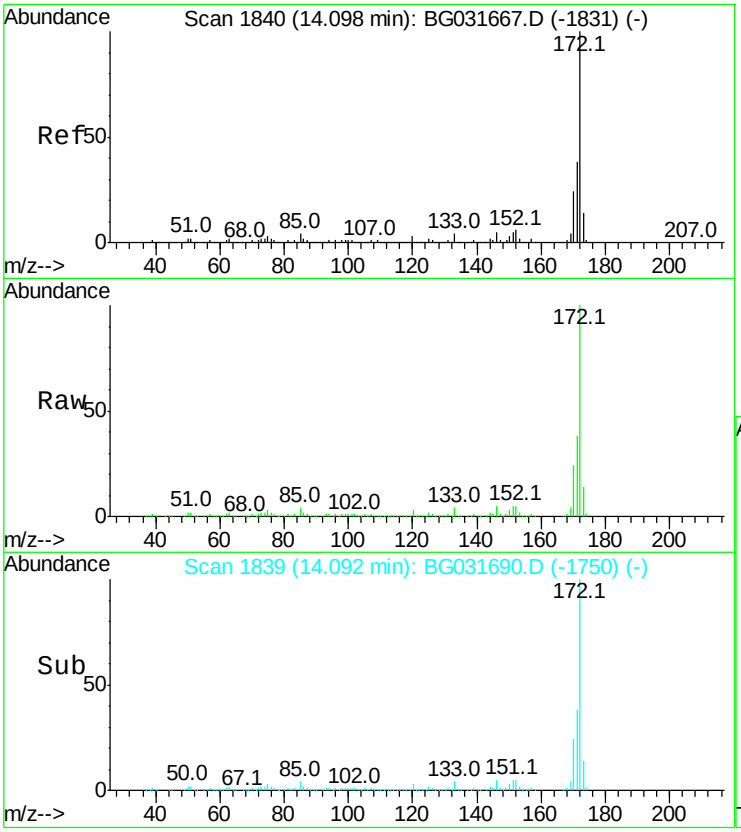


#41
2,4,6-Tribromophenol
Concen: 152.360 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion:330 Resp: 339745

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.6	25.2	37.8



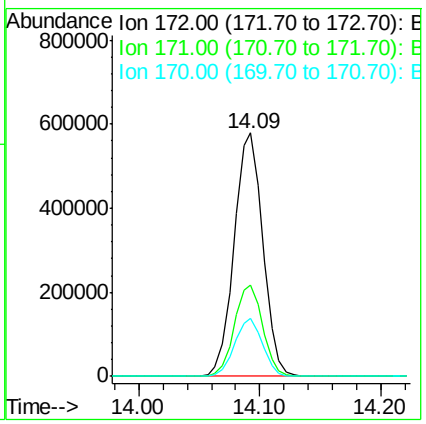


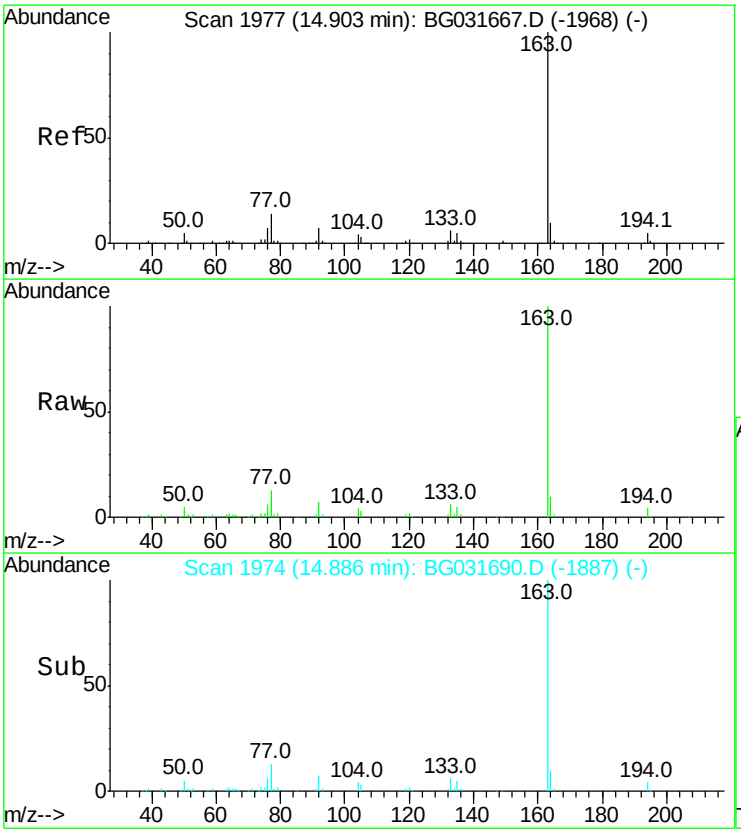
#44
2-Fluorobiphenyl
Concen: 82.070 ng
RT: 14.09 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:172 Resp: 955569

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.8	19.5	29.3

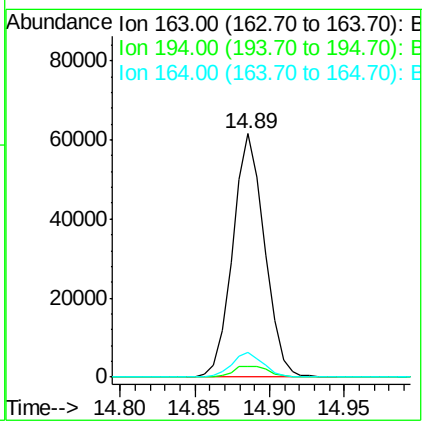


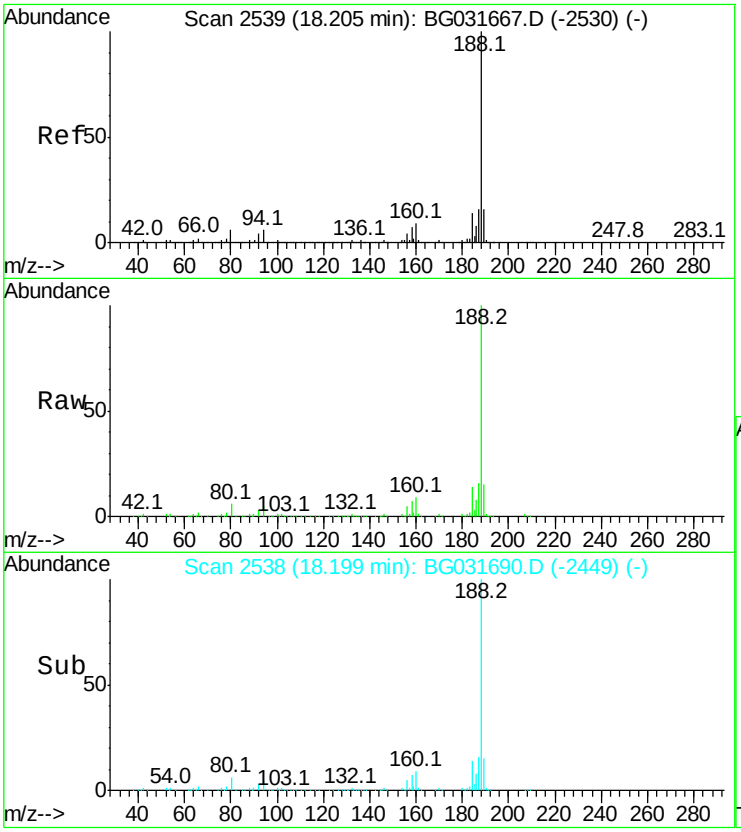


#49
Dimethylphthalate
Concen: 7.080 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion:163 Resp: 91147

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.0	8.2	12.4



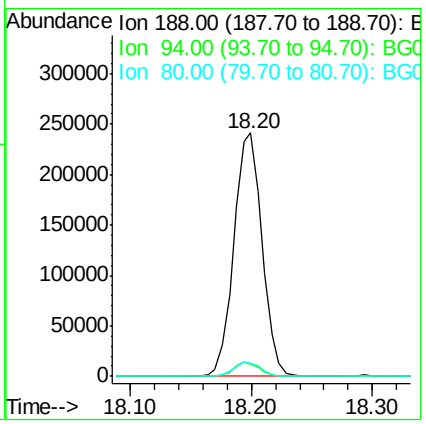


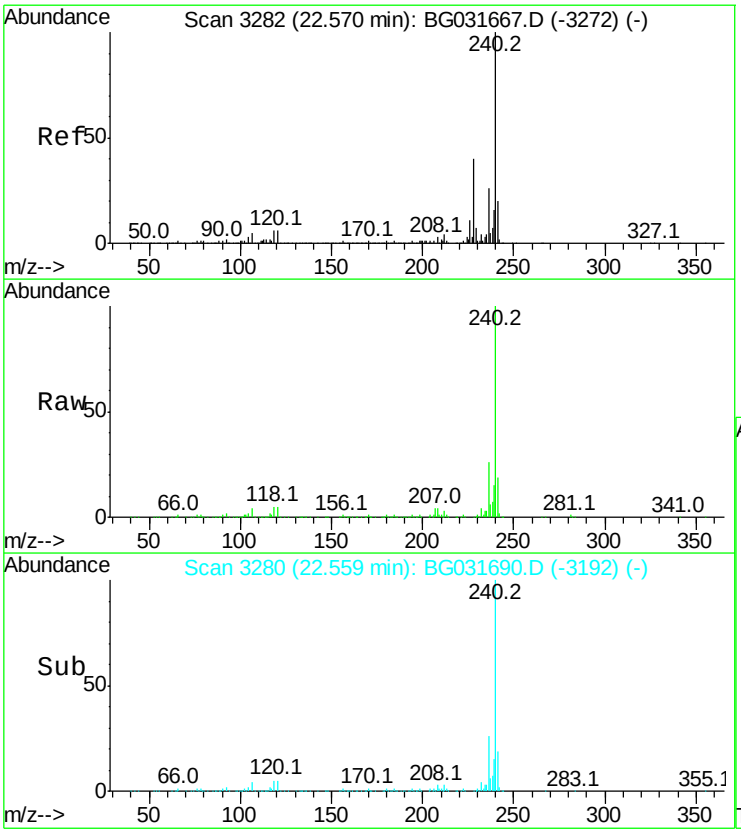
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:188 Resp: 391076

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.7	7.7	11.5#

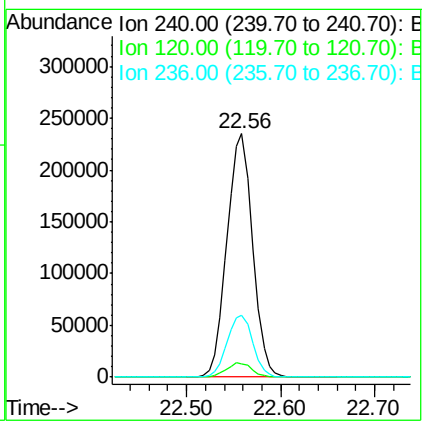


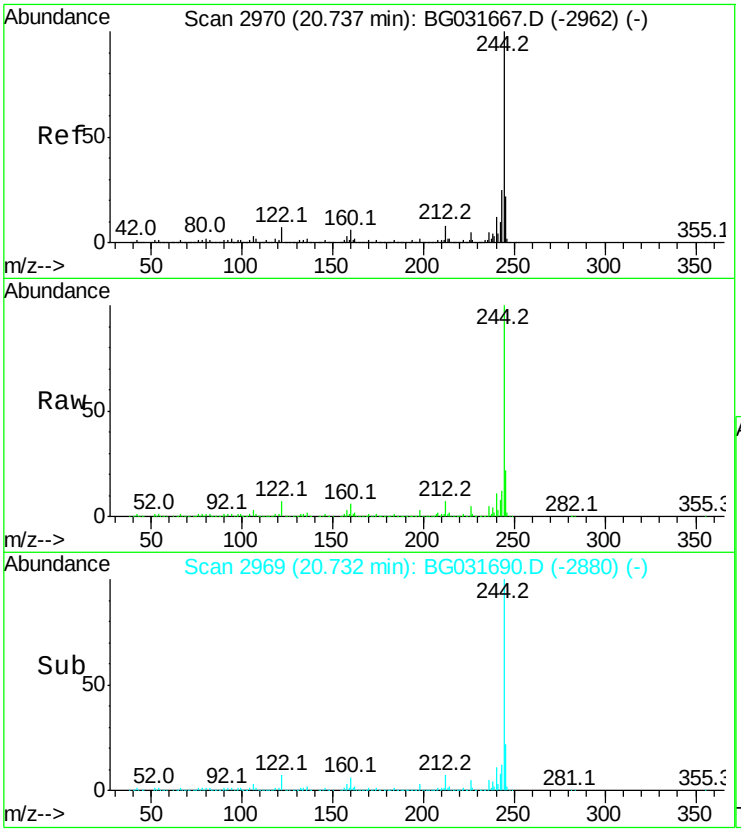


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion:240 Resp: 444739

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.6	20.9	31.3



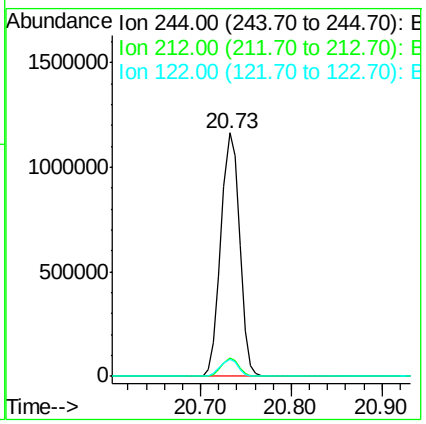


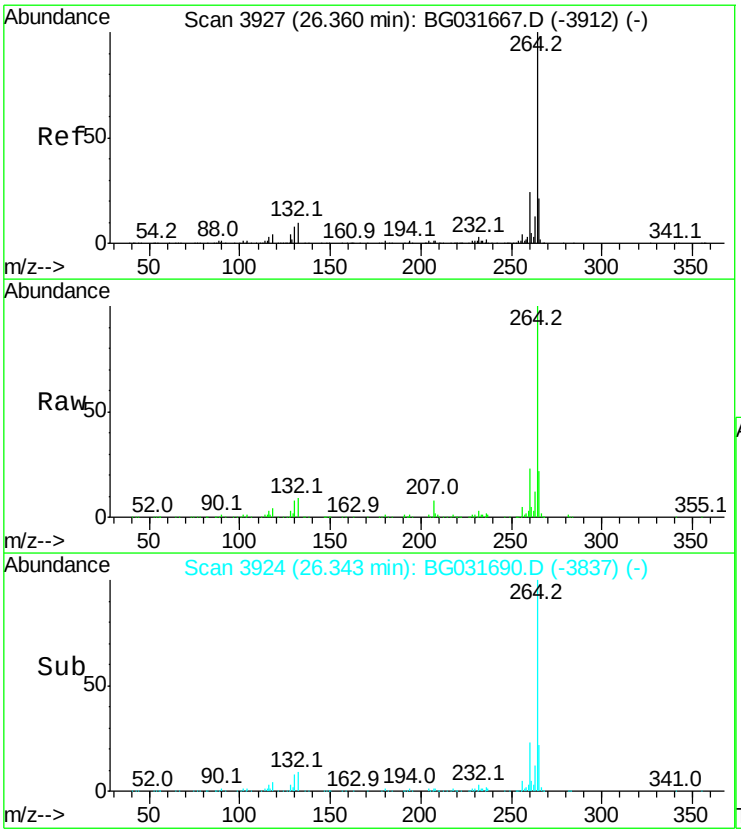
#78
Terphenyl-d14
Concen: 85.674 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Instrument :
BNA_G
ClientSampleId :
EPE-106-3DS(40-50)

Tgt Ion:244 Resp: 1667760

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.34 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BG031690.D
Acq: 22 Dec 2017 1:37

Tgt Ion:264 Resp: 472975

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.1	17.7	26.5