Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032242.D
Acq On : 23 Jan 2018 21:41
Operator : SJ/JU
Sample : J1238-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-9.0-10.0

Quant Time: Jan 24 04:52:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	38968	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	164435	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	116644	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	284631	20.00	ng	-0.02
75) Chrysene-d12	22.42	240	367390	20.00	ng	-0.03
86) Perylene-d12	26.11	264	396270	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	271617	127.48	ng	0.00
7) Phenol-d6	7.84	99	345806	128.87	ng	0.00
23) Nitrobenzene-d5	9.92	82	209541	86.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	217556	112.71	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	560800	59.61	ng	-0.02
78) Terphenyl-d14	20.63	244	921675	55.39	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.86	94	10491	3.969	ng	80
49) Dimethylphthalate	14.79	163	75844	7.430	ng	99

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

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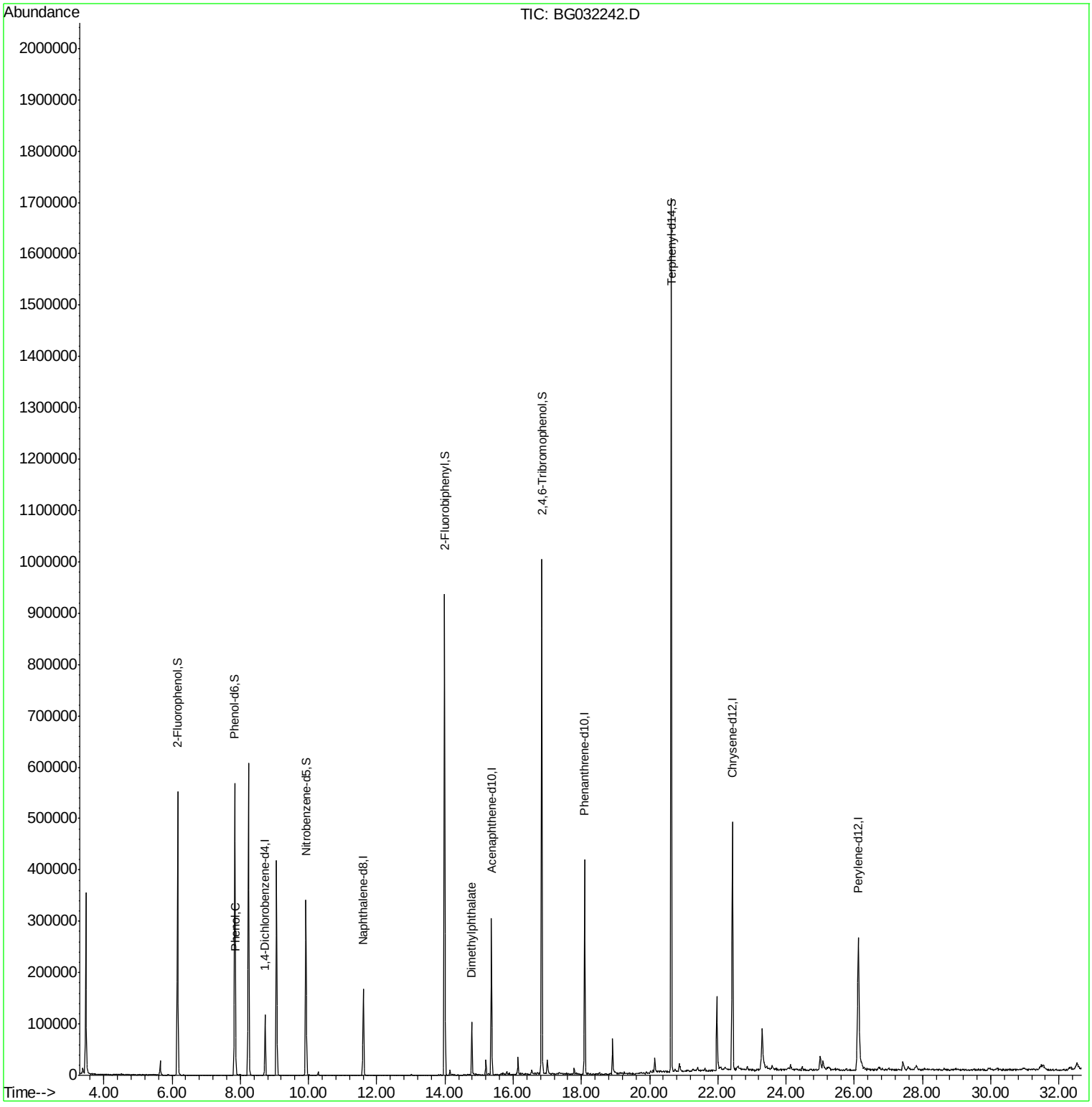
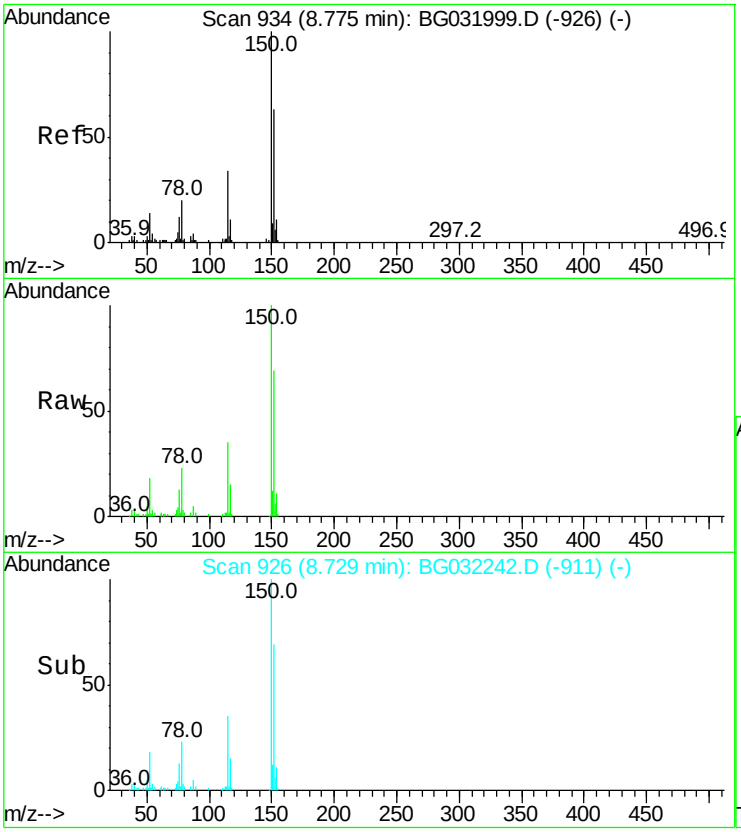


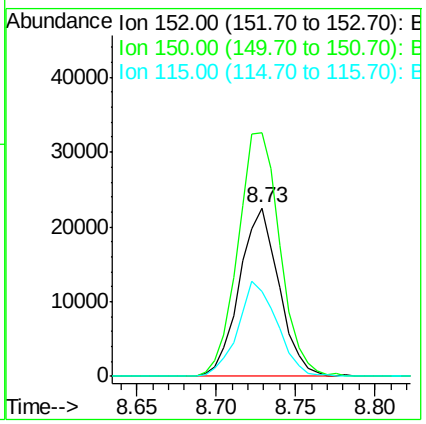


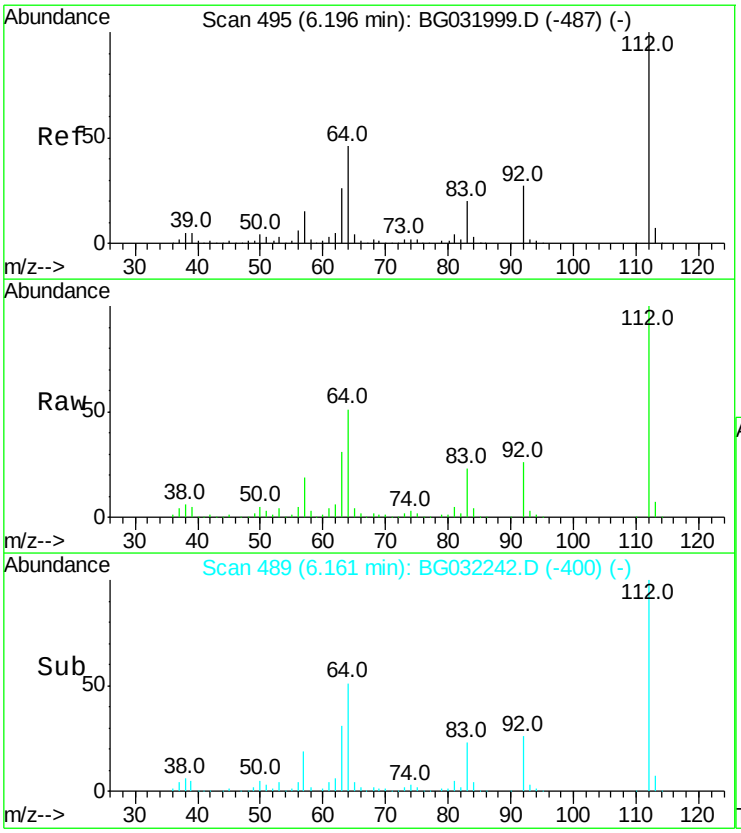
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:152 Resp: 38968

Ion	Ratio	Lower	Upper
152	100		
150	144.8	126.6	189.8
115	50.5	53.0	79.4#

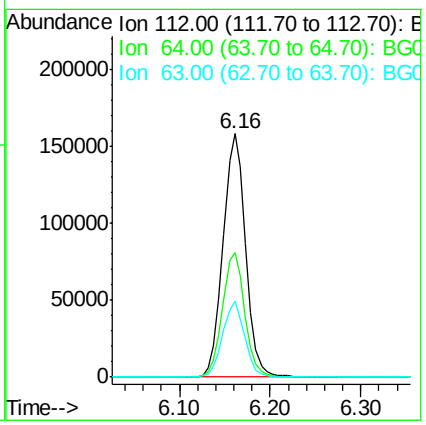


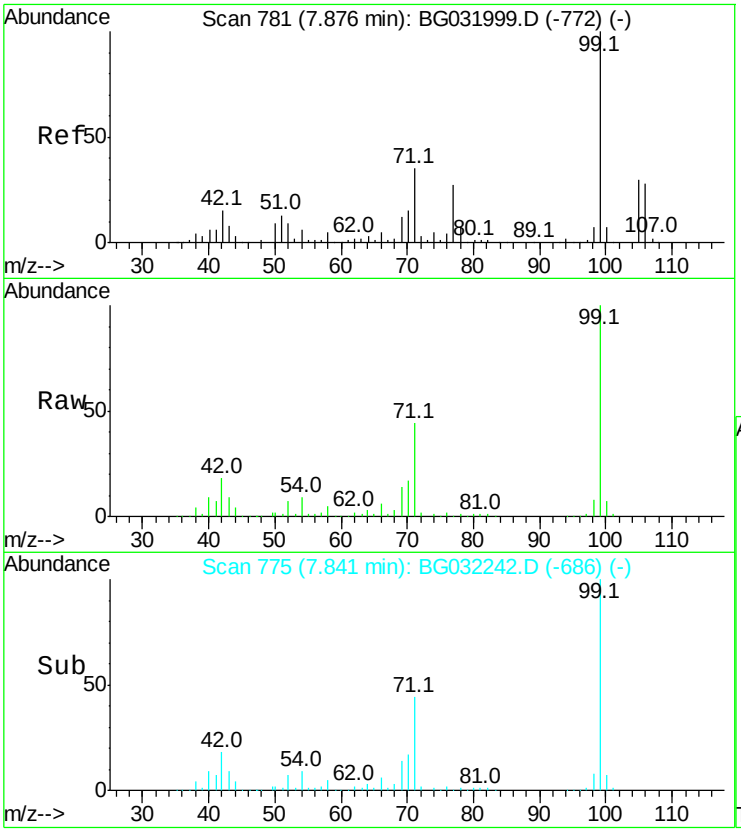


#5
2-Fluorophenol
Concen: 127.481 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion:112 Resp: 271617

Ion	Ratio	Lower	Upper
112	100		
64	51.1	56.3	84.5#
63	31.1	30.1	45.1



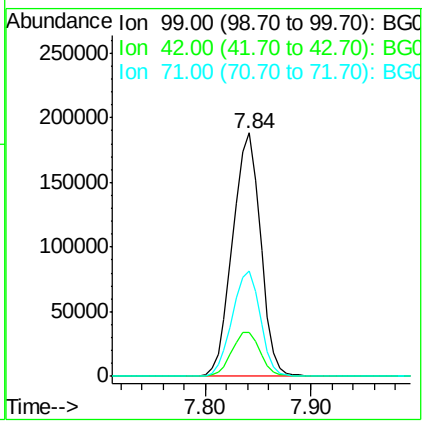


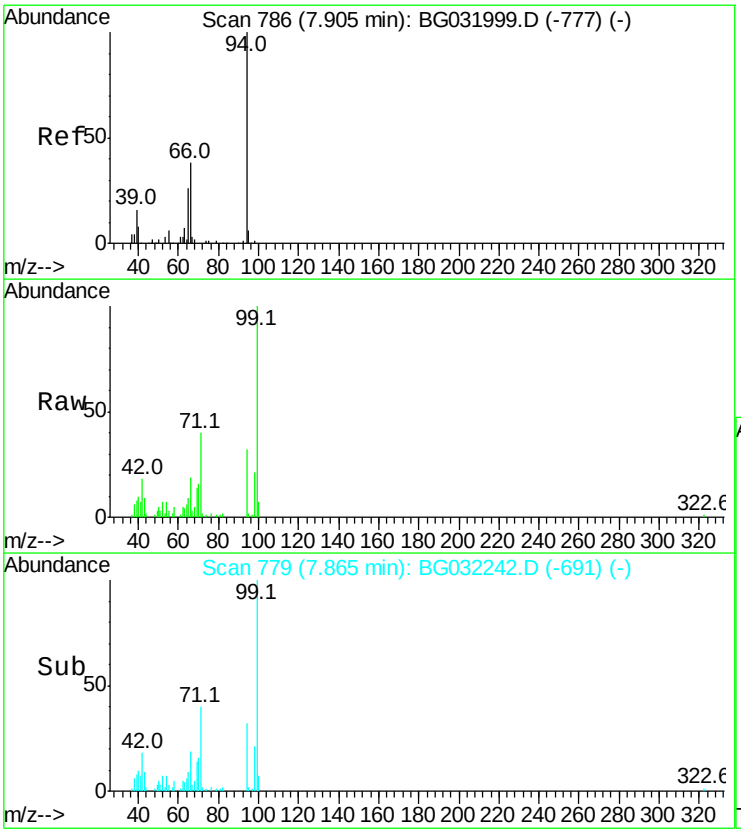
#7
Phenol-d6
Concen: 128.868 ng
RT: 7.84 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion: 99 Resp: 345806

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	43.5	26.1	39.1#

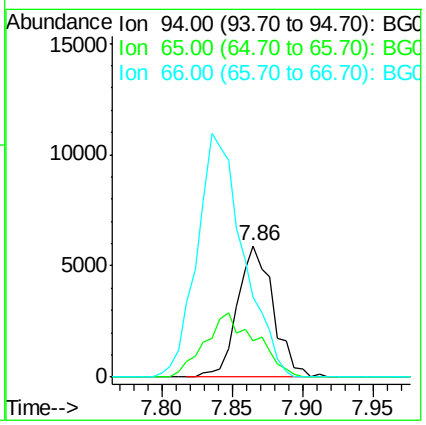


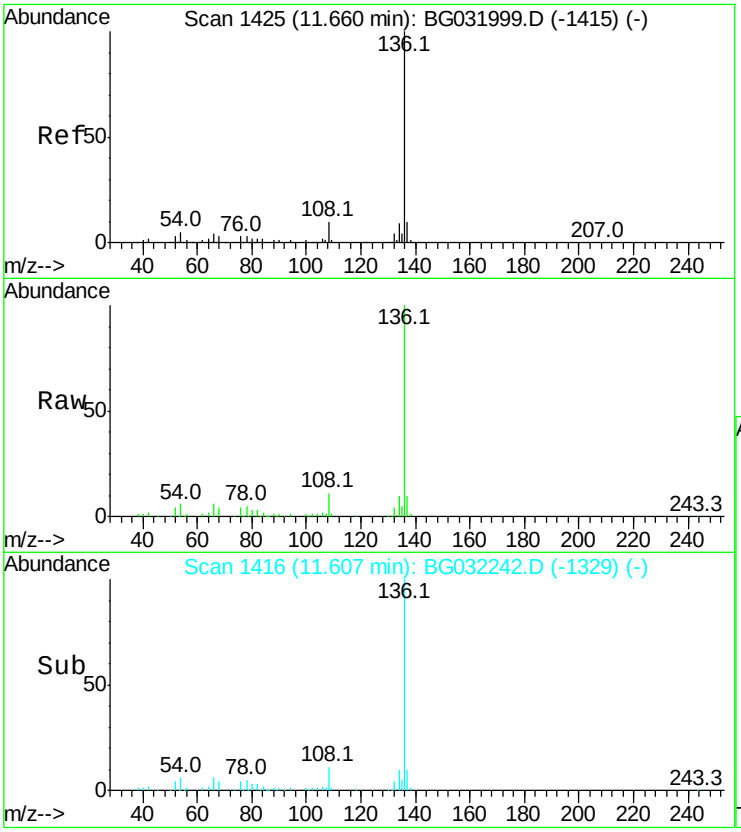


#10
Phenol
Concen: 3.969 ng
RT: 7.86 min Scan# 779
Delta R.T. -0.01 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion: 94 Resp: 10491

Ion	Ratio	Lower	Upper
94	100		
65	27.7	11.9	51.9
66	61.1	22.2	62.2



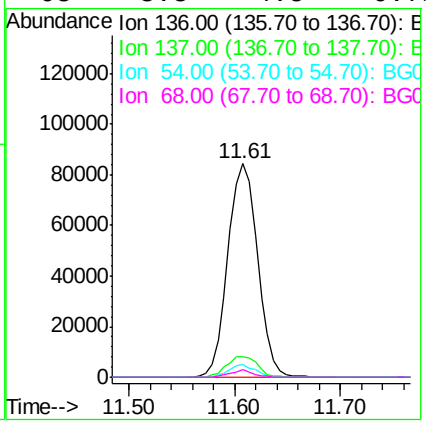


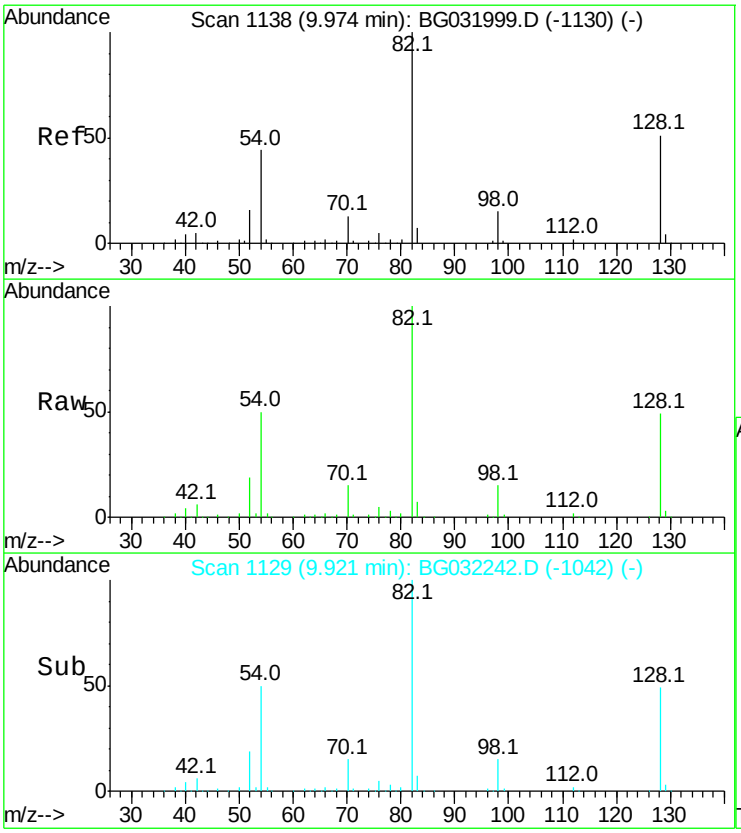
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:136 Resp: 164435

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	5.8	10.3	15.5#
68	3.8	4.5	6.7#

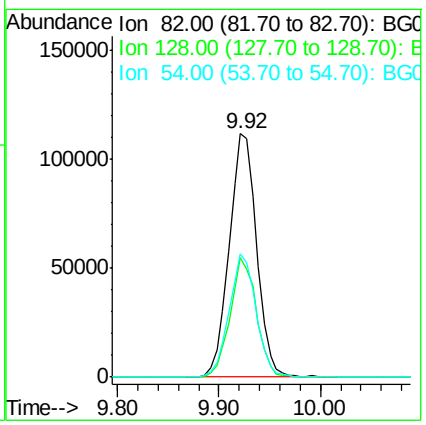


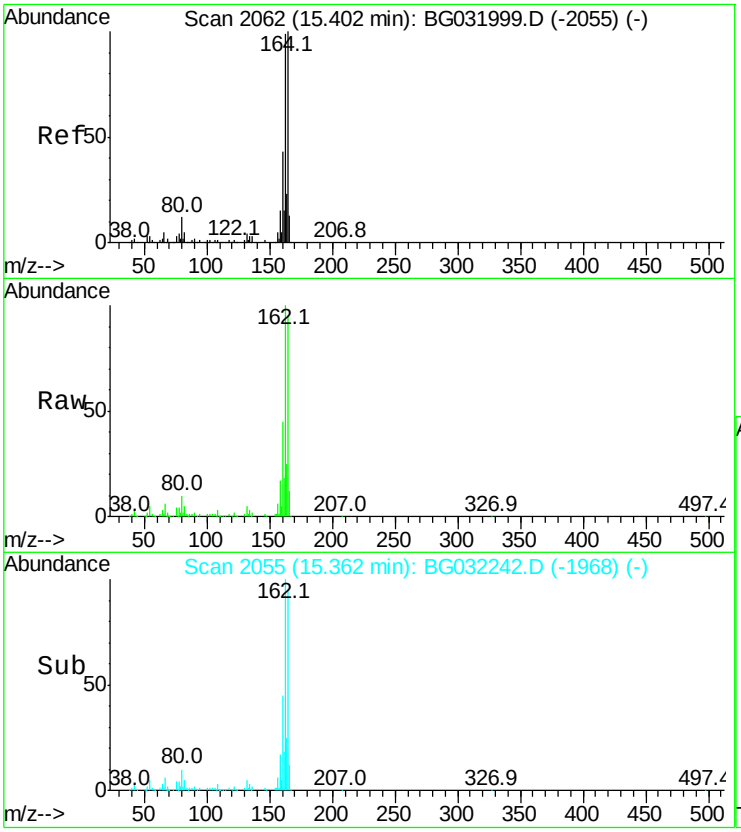


#23
Nitrobenzene-d5
Concen: 86.212 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion: 82 Resp: 209541

Ion	Ratio	Lower	Upper
82	100		
128	48.9	29.7	44.5#
54	50.4	43.1	64.7



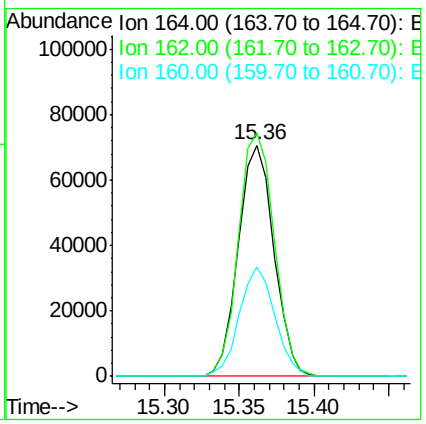


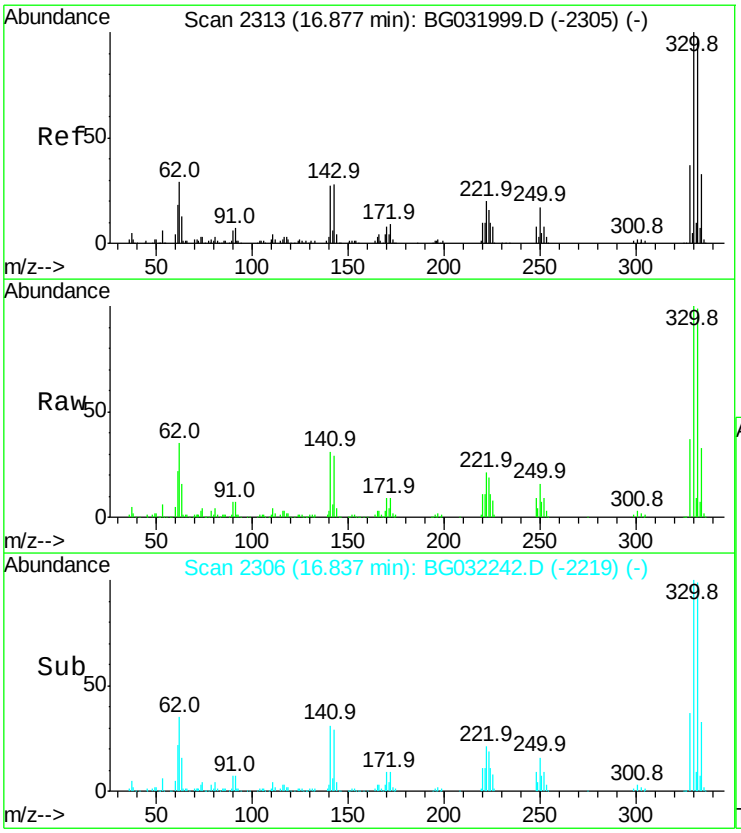
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:164 Resp: 116644

Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	47.0	35.4	53.0

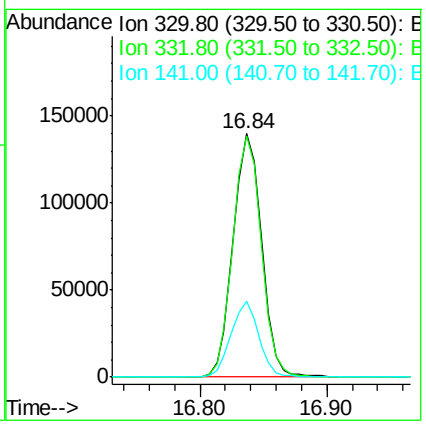


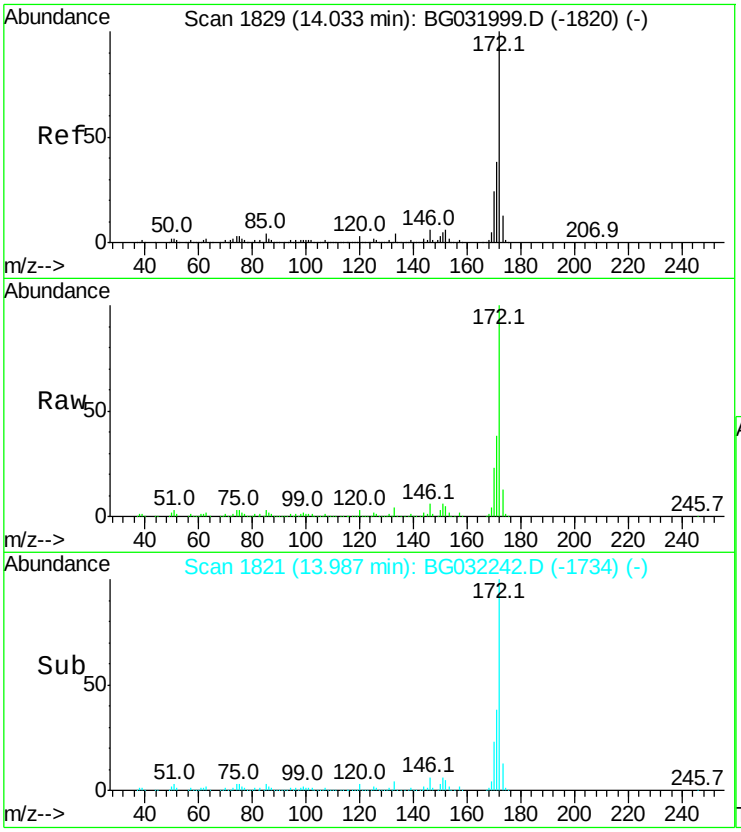


#41
2,4,6-Tribromophenol
Concen: 112.712 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion:330 Resp: 217556

Ion	Ratio	Lower	Upper
330	100		
332	99.0	77.0	115.6
141	30.0	25.2	37.8



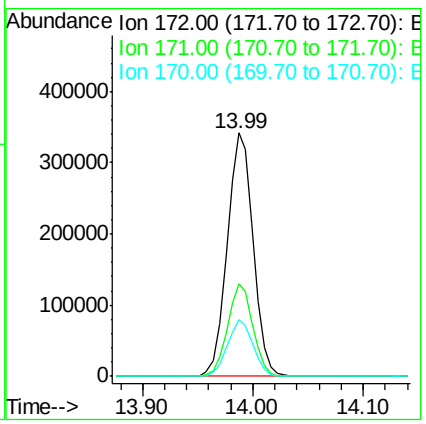


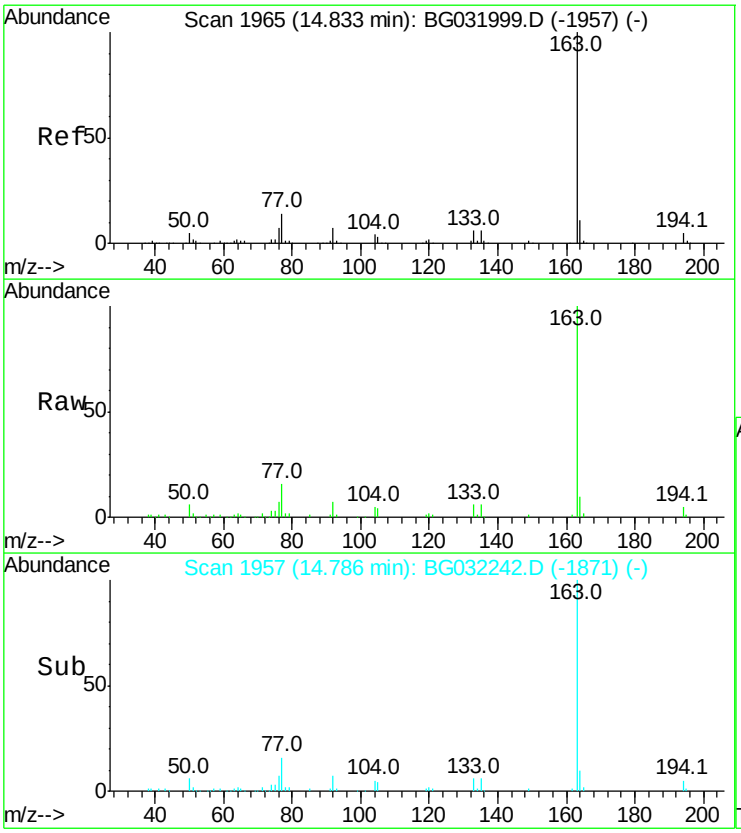
#44
2-Fluorobiphenyl
Concen: 59.614 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:172 Resp: 560800

Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	23.3	19.5	29.3

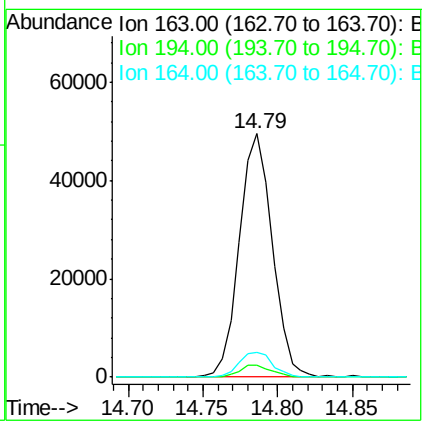


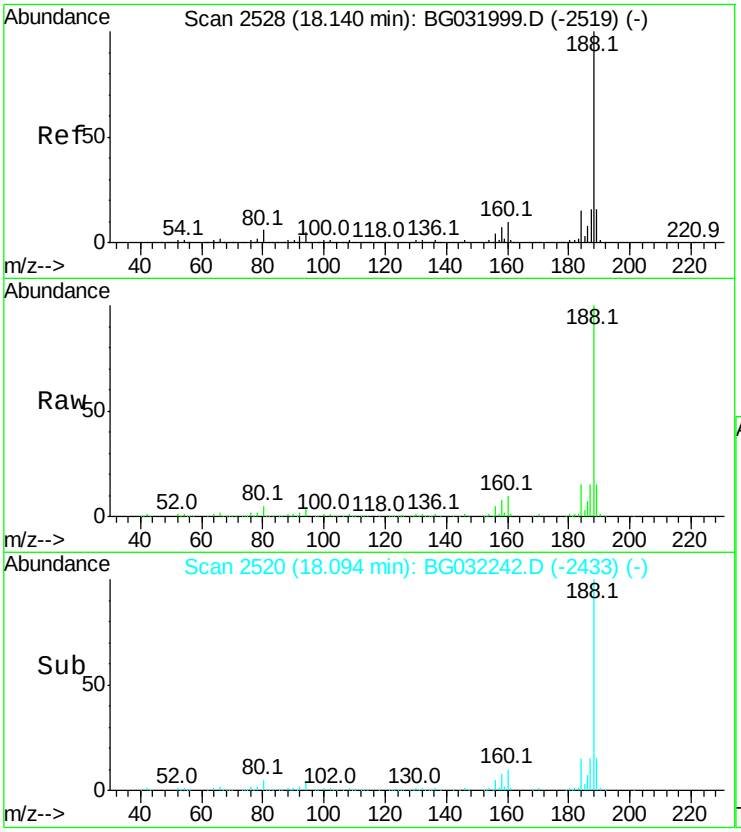


#49
Dimethylphthalate
Concen: 7.430 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.03 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion:163 Resp: 75844

Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2
164	10.4	8.2	12.4



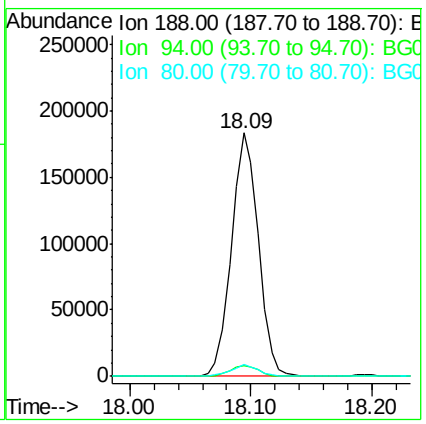


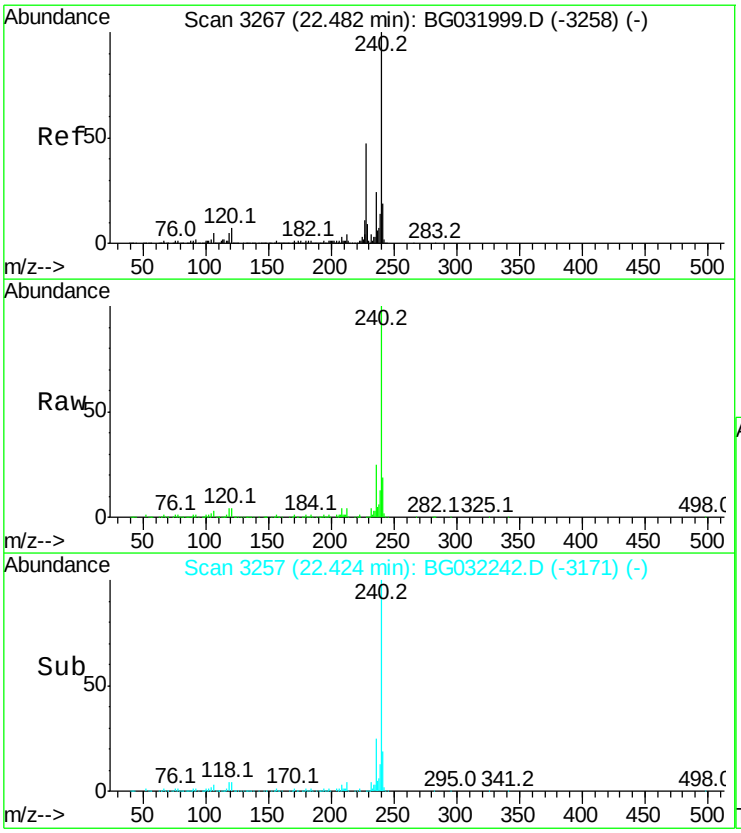
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:188 Resp: 284631

Ion	Ratio	Lower	Upper
188	100		
94	4.4	6.9	10.3#
80	4.8	7.7	11.5#

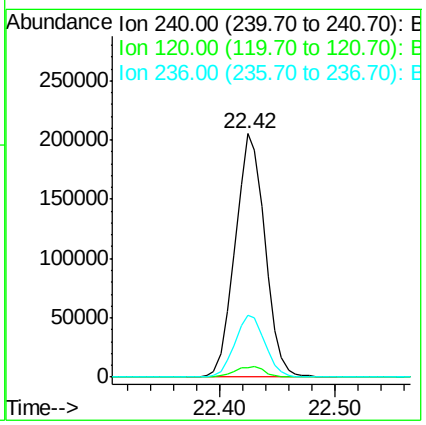


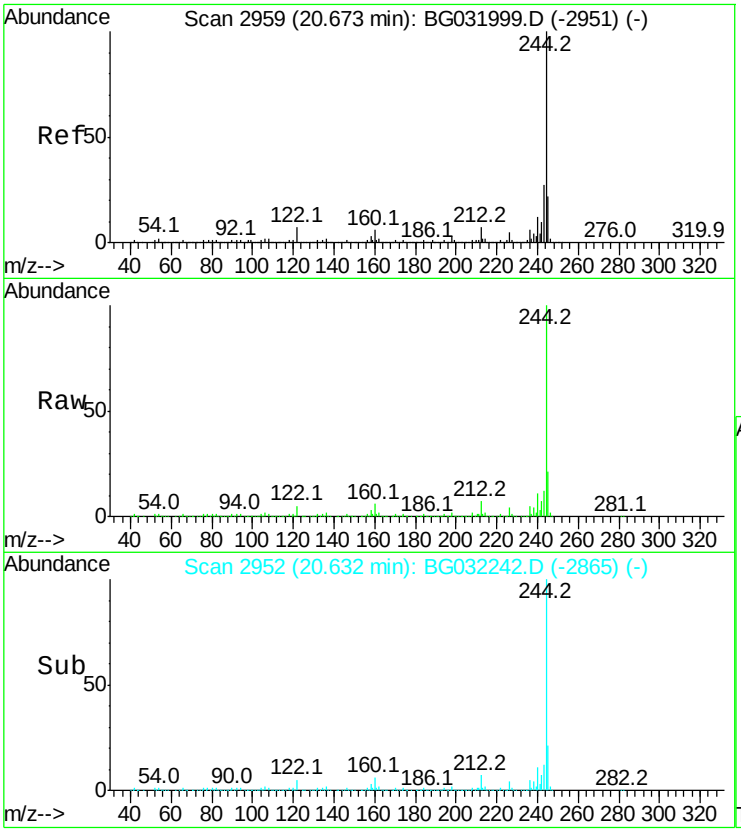


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.03 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion:240 Resp: 367390

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	25.2	20.9	31.3



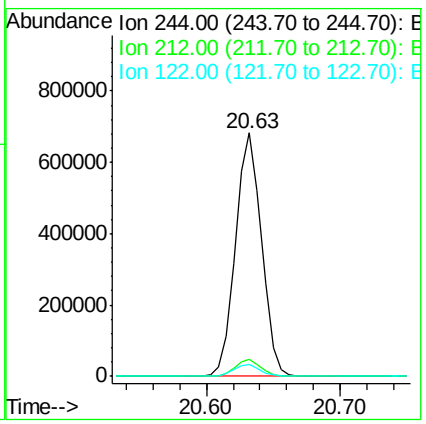


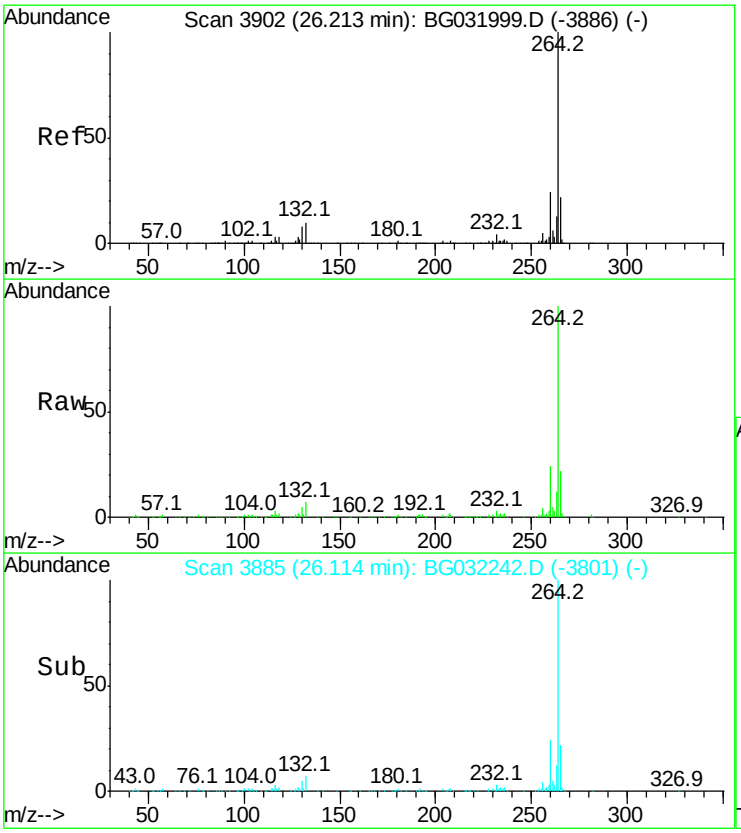
#78
Terphenyl-d14
Concen: 55.393 ng
RT: 20.63 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Instrument :
BNA_G
ClientSampleId :
SB-05-9.0-10.0

Tgt Ion:244 Resp: 921675

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	4.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3885
Delta R.T. -0.04 min
Lab File: BG032242.D
Acq: 23 Jan 2018 21:41

Tgt Ion:264 Resp: 396270

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.0	17.7	26.5