Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032195.D
Acq On : 21 Jan 2018 00:57
Operator : SJ/JU
Sample : J1231-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BR-2A

Quant Time: Jan 22 05:55:44 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	8.74	152	46192	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	178388	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	120197	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	315256	20.00	ng	0.00
75) Chrysene-d12	22.45	240	418657	20.00	ng	0.00
86) Perylene-d12	26.14	264	437315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	312334	123.67	ng	0.00
7) Phenol-d6	7.85	99	388691	122.20	ng	0.00
23) Nitrobenzene-d5	9.94	82	232077	88.02	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	257463	129.44	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	719822	74.26	ng	0.00
78) Terphenyl-d14	20.65	244	1411352	74.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.88	94	18136	5.788	ng	93
49) Dimethylphthalate	14.80	163	78270	7.441	ng	99

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

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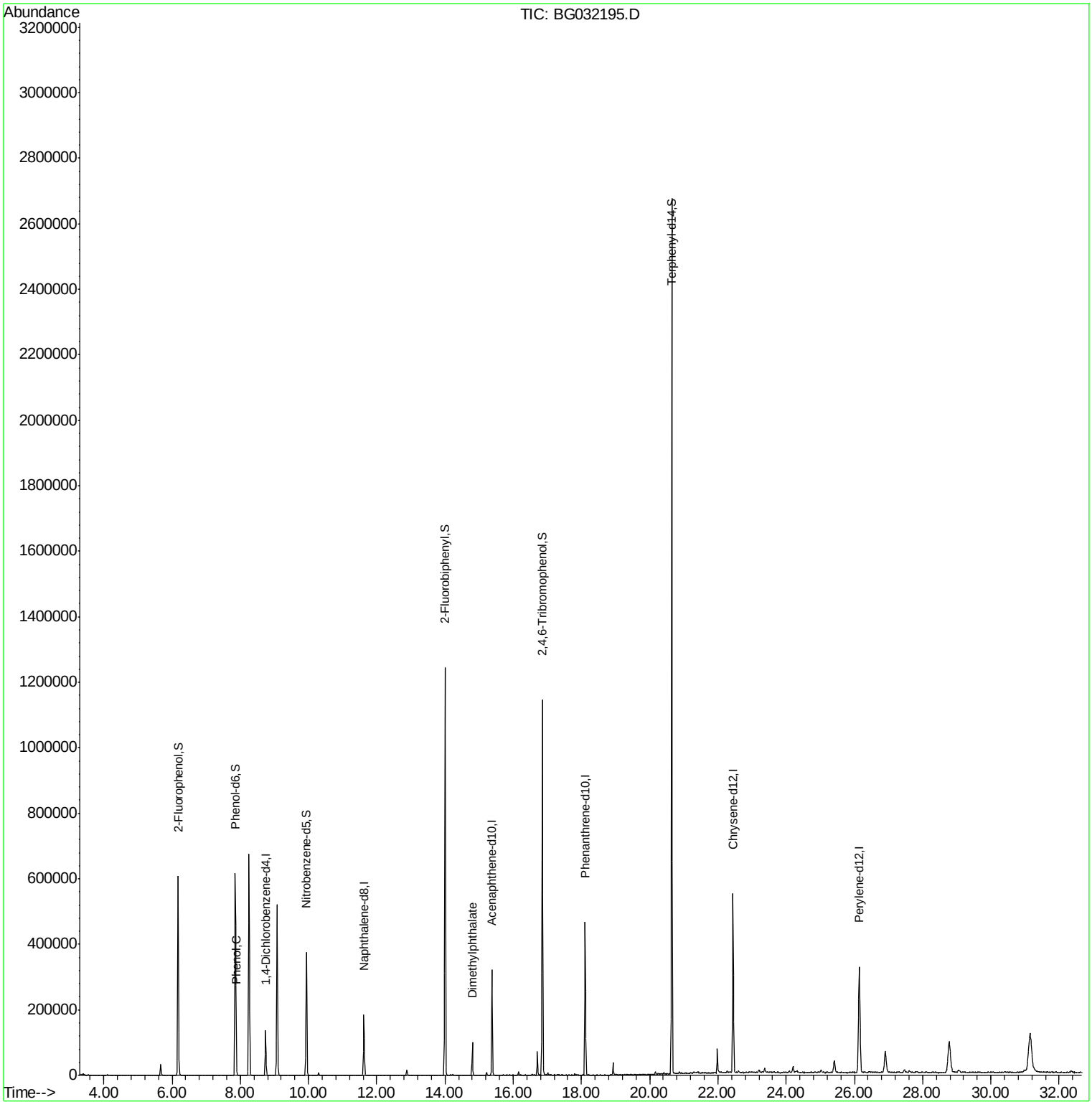
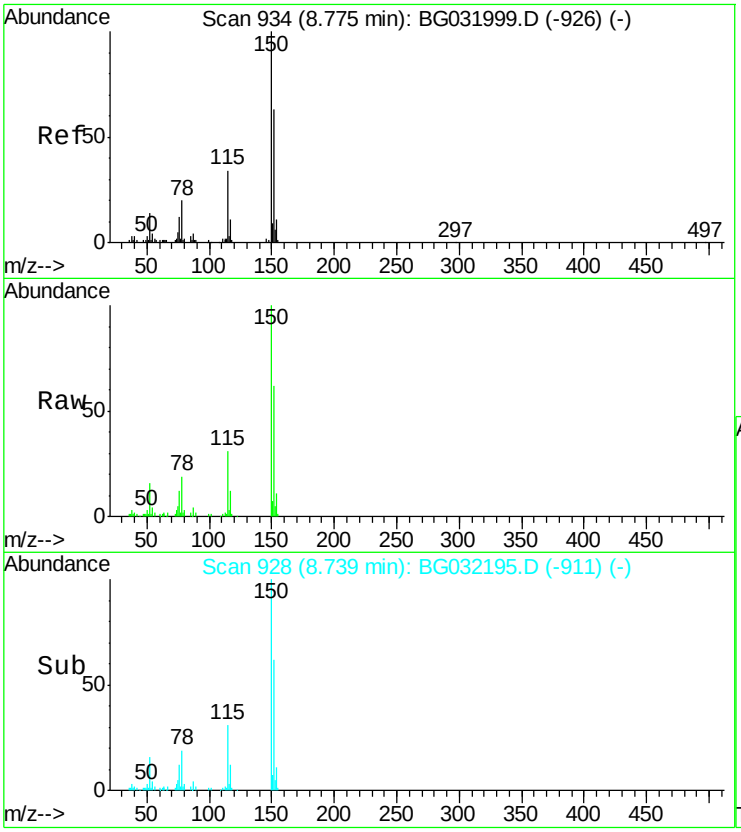


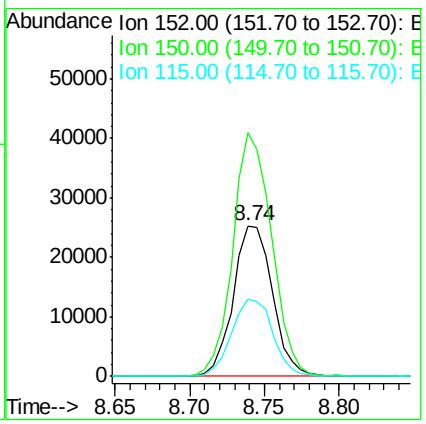


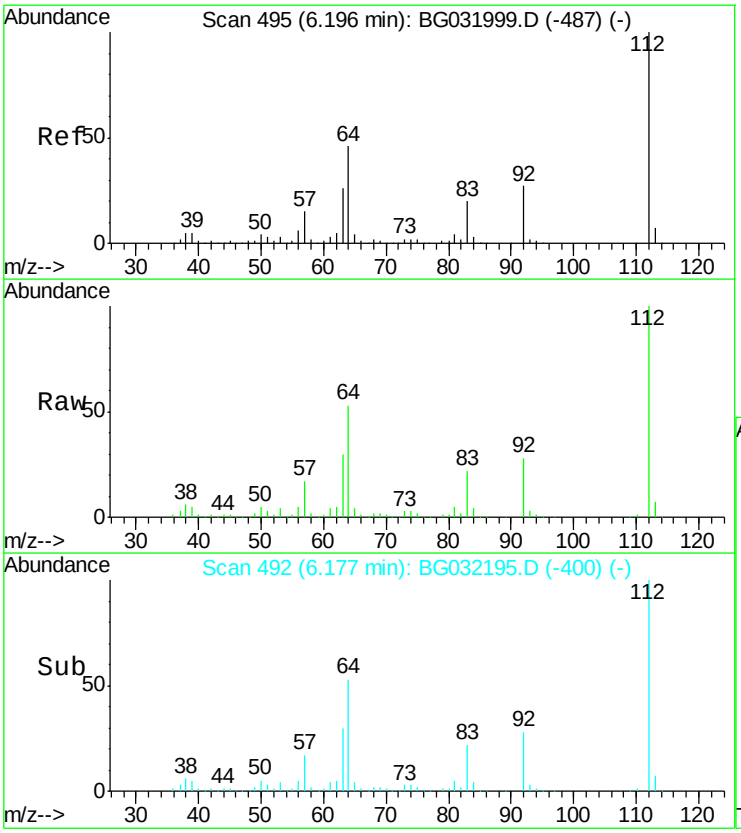
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:152 Resp: 46192

Ion	Ratio	Lower	Upper
152	100		
150	161.6	126.6	189.8
115	50.8	53.0	79.4#

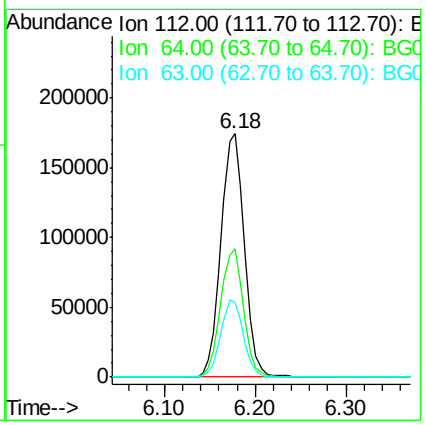


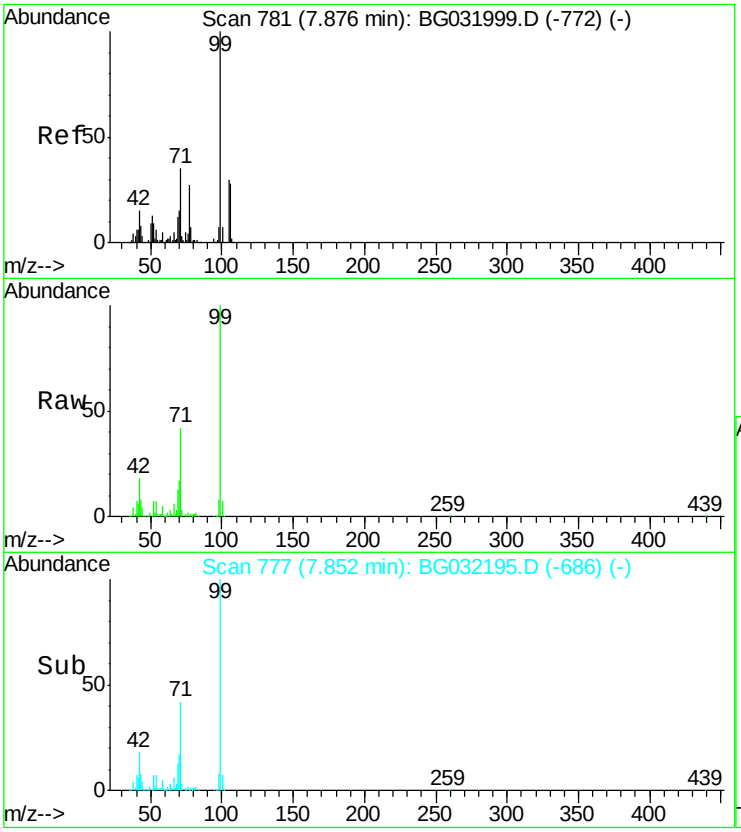


#5
2-Fluorophenol
Concen: 123.666 ng
RT: 6.18 min Scan# 492
Delta R.T. 0.01 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:112 Resp: 312334

Ion	Ratio	Lower	Upper
112	100		
64	52.9	56.3	84.5#
63	30.4	30.1	45.1



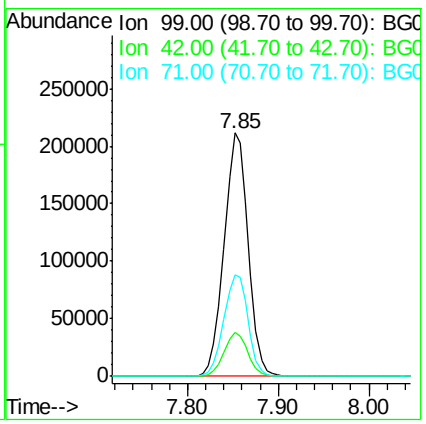


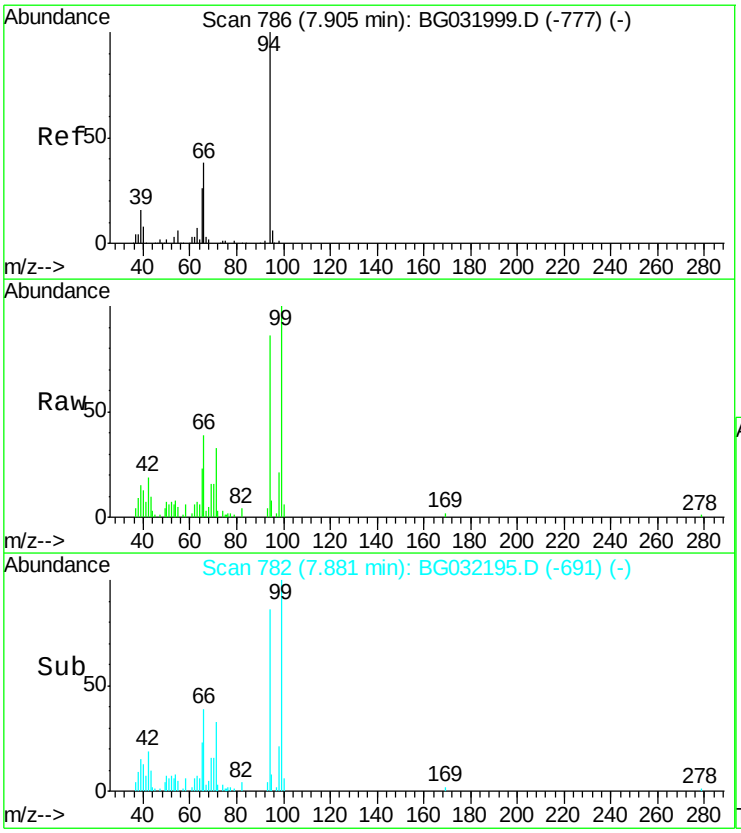
#7
Phenol-d6
Concen: 122.197 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion: 99 Resp: 388691

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	41.7	26.1	39.1#

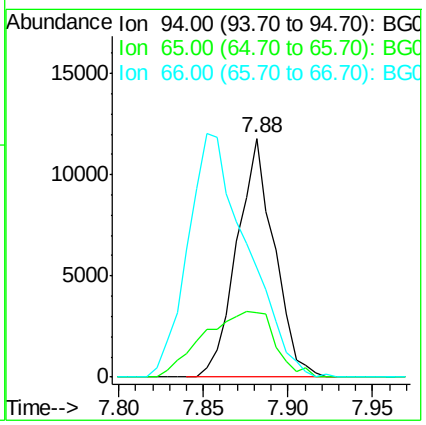


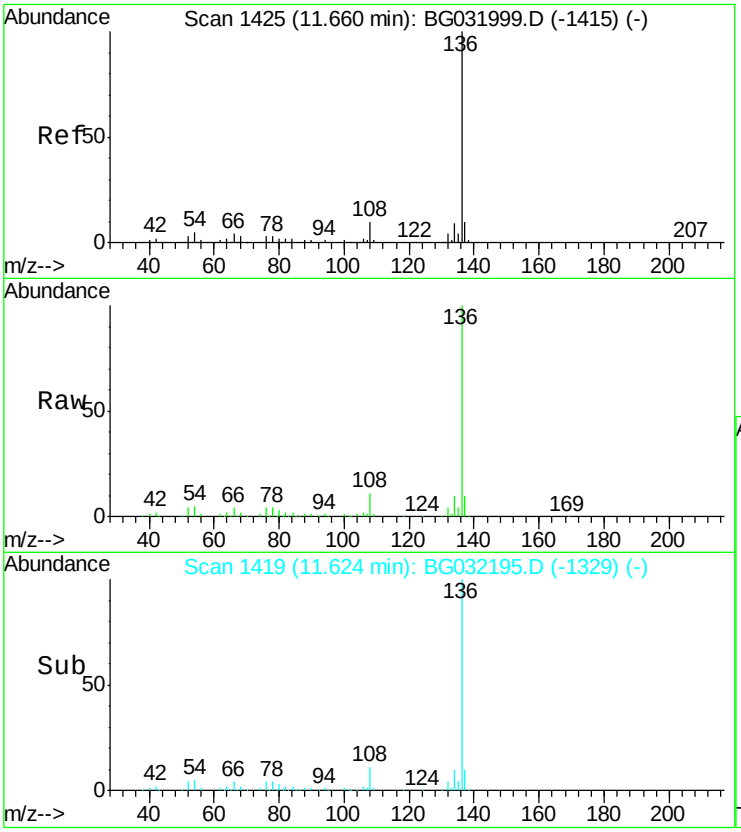


#10
Phenol
Concen: 5.788 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion: 94 Resp: 18136

Ion	Ratio	Lower	Upper
94	100		
65	27.0	11.9	51.9
66	45.5	22.2	62.2



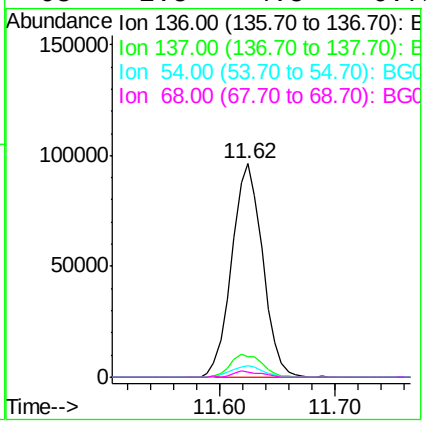


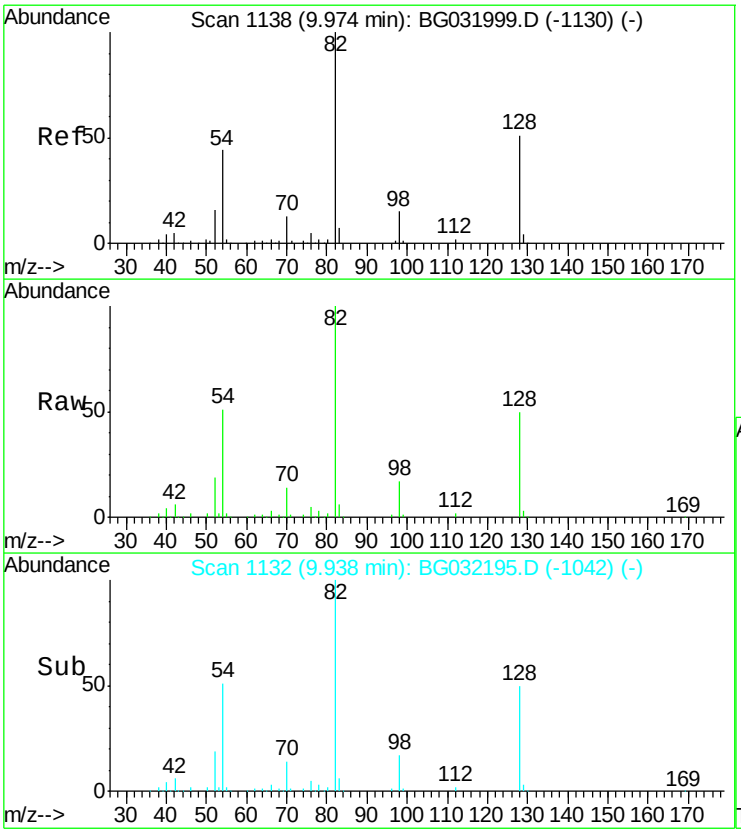
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:136 Resp: 178388

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	5.5	10.3	15.5#
68	2.5	4.5	6.7#

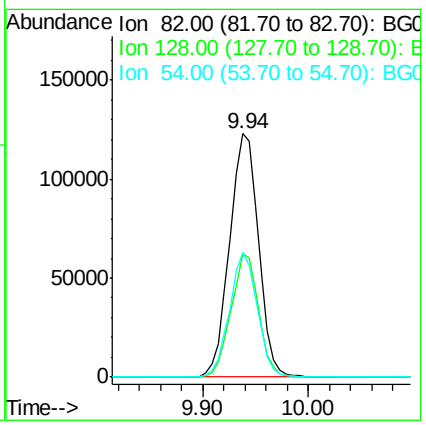


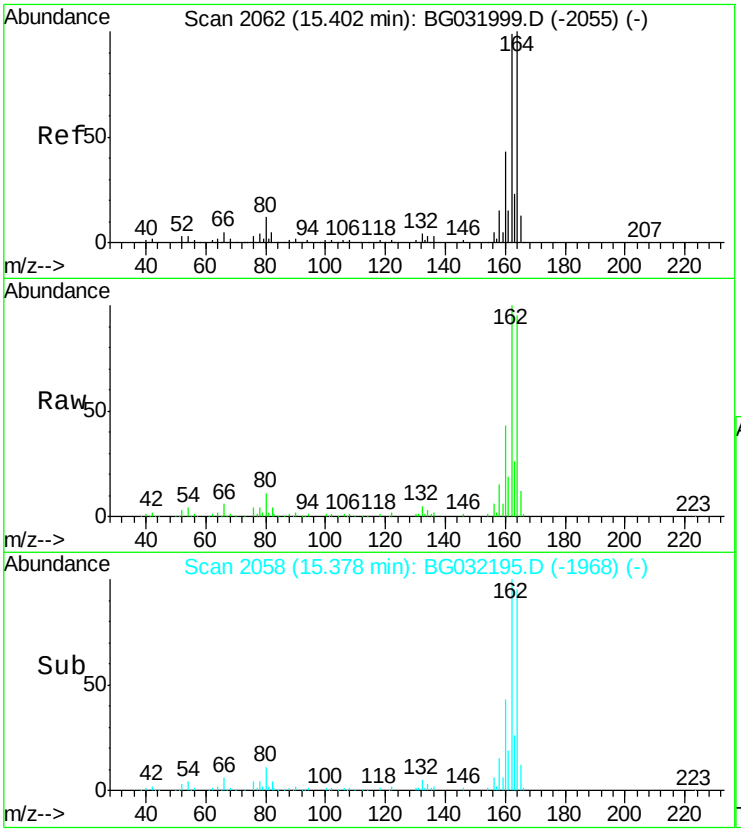


#23
Nitrobenzene-d5
Concen: 88.016 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion: 82 Resp: 232077

Ion	Ratio	Lower	Upper
82	100		
128	50.4	29.7	44.5#
54	51.1	43.1	64.7



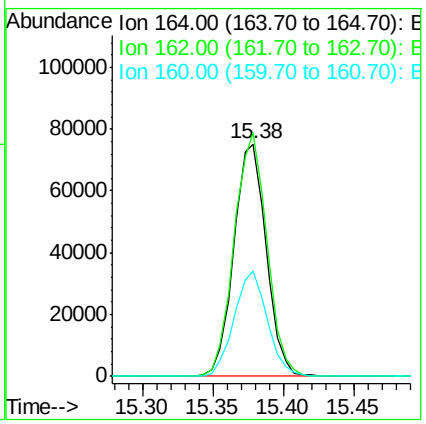


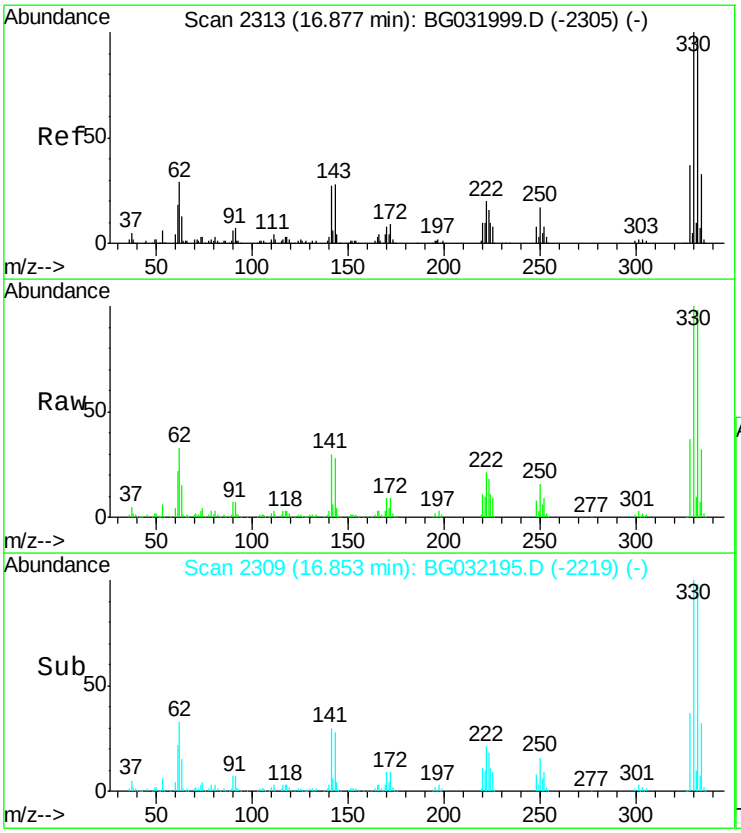
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:164 Resp: 120197

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	45.5	35.4	53.0

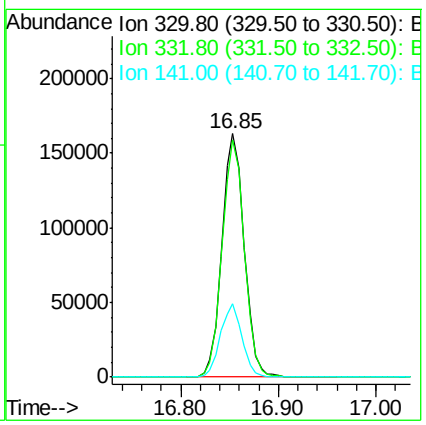


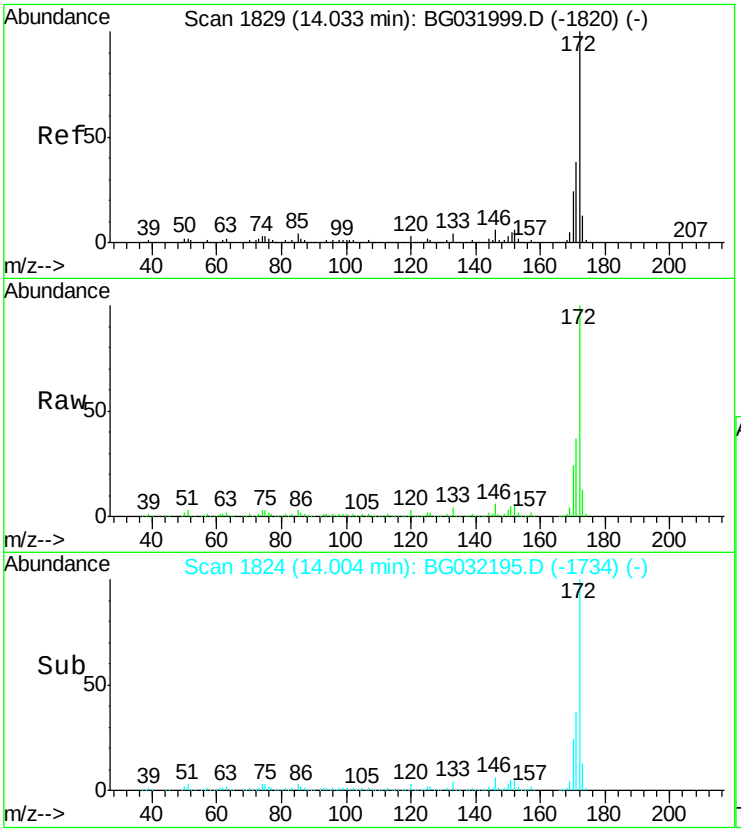


#41
2,4,6-Tribromophenol
Concen: 129.445 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:330 Resp: 257463

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.3	25.2	37.8



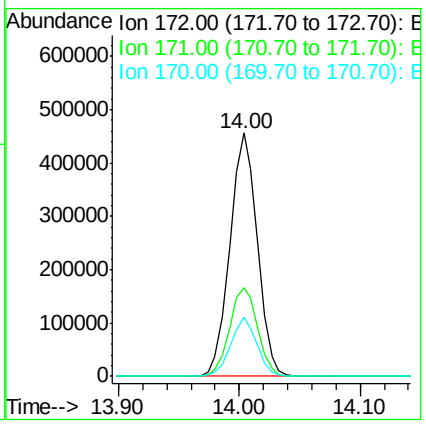


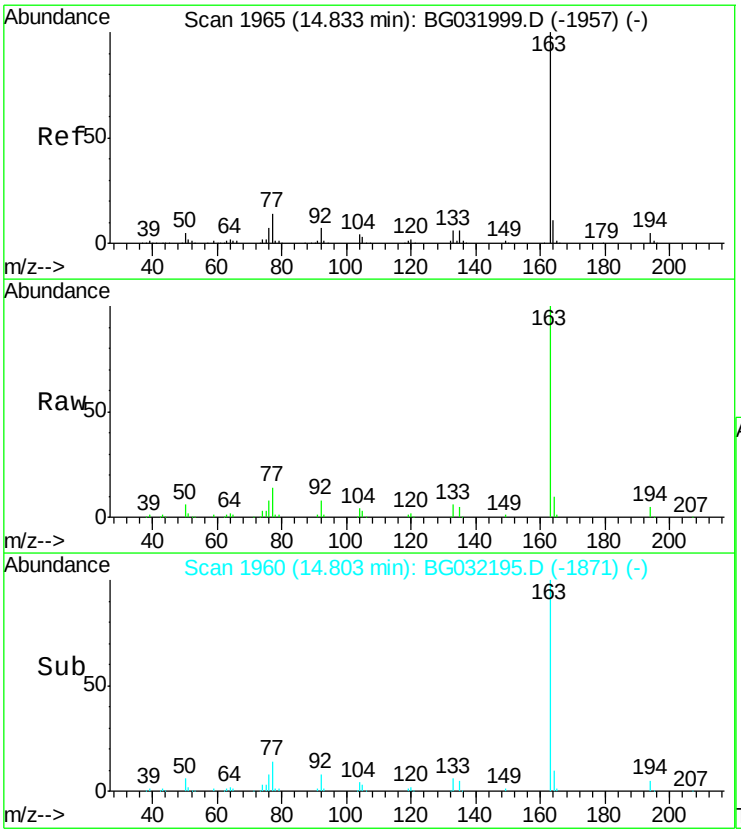
#44
2-Fluorobiphenyl
Concen: 74.257 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:172 Resp: 719822

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.2	19.5	29.3

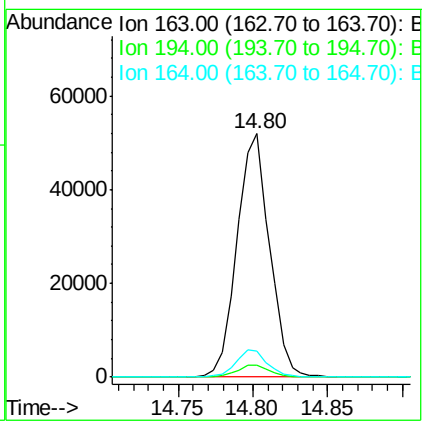


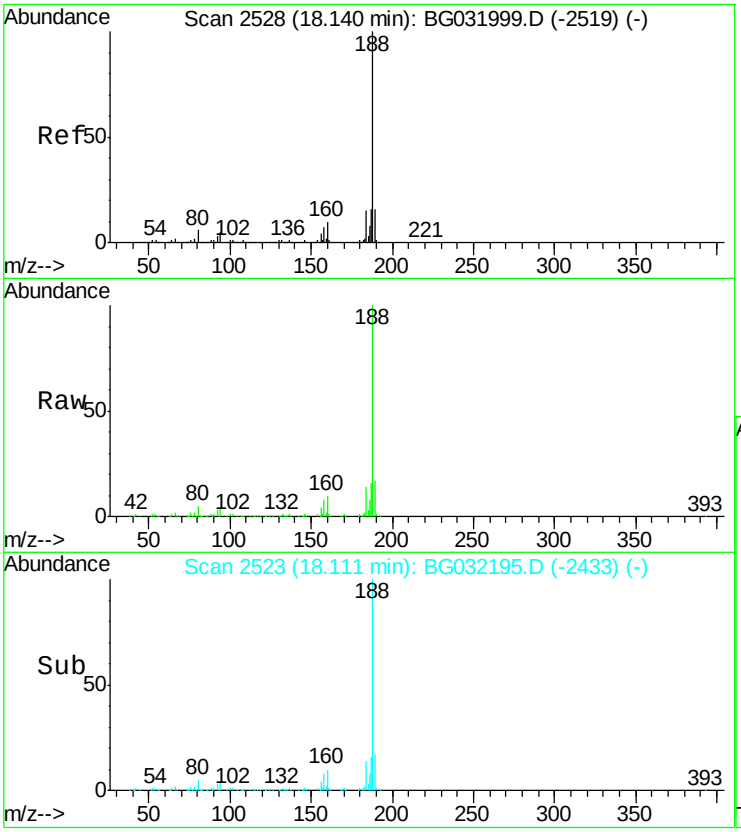


#49
Dimethylphthalate
Concen: 7.441 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:163 Resp: 78270

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.5	8.2	12.4



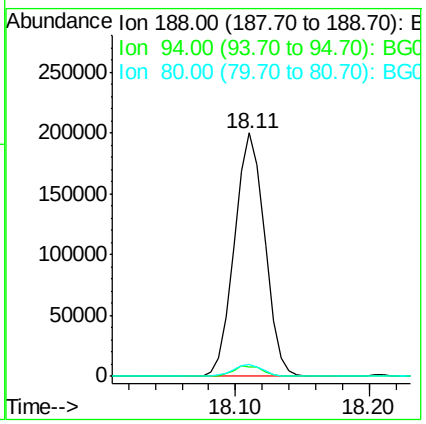


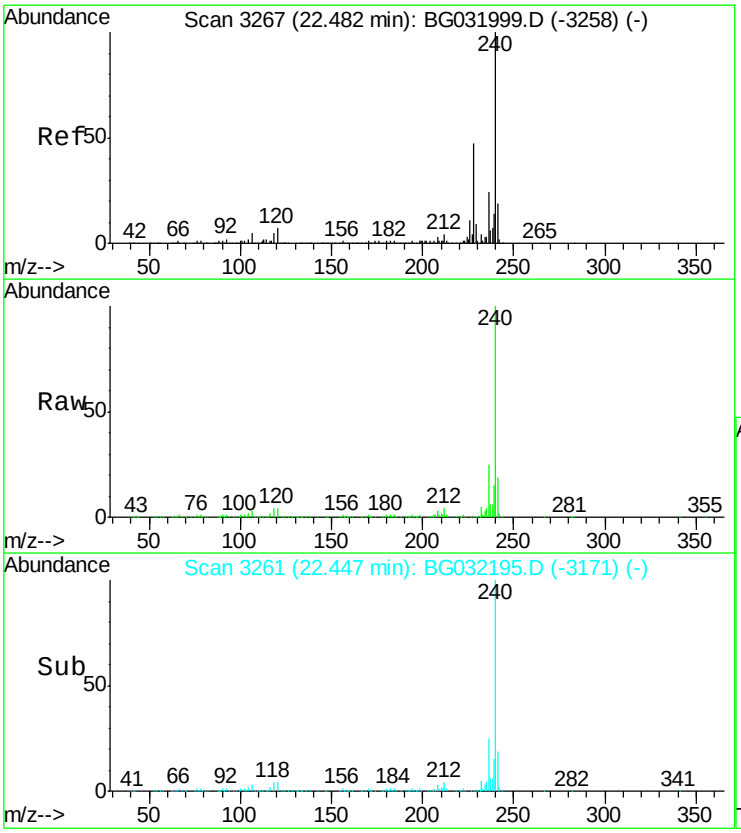
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:188 Resp: 315256

Ion	Ratio	Lower	Upper
188	100		
94	4.1	6.9	10.3#
80	4.8	7.7	11.5#

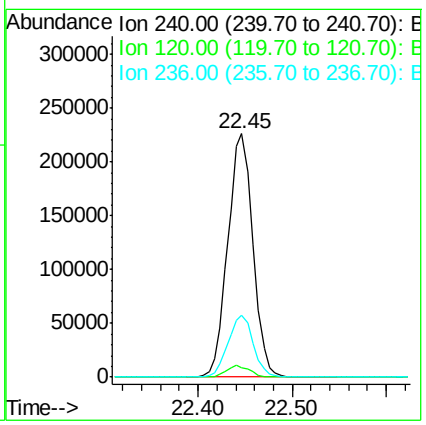


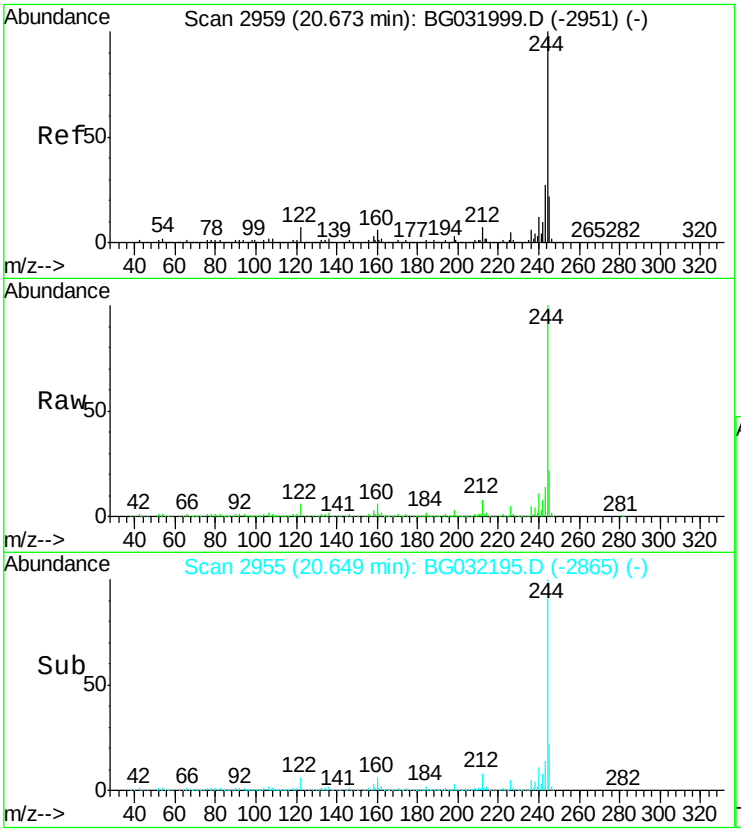


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:240 Resp: 418657

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	25.4	20.9	31.3



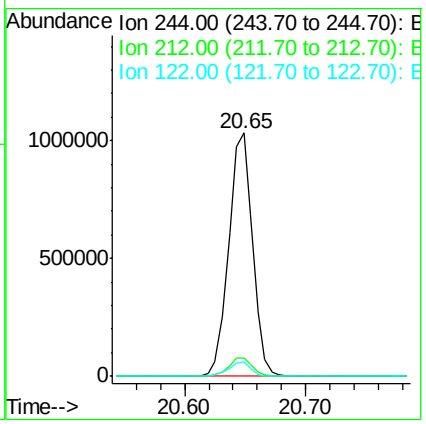


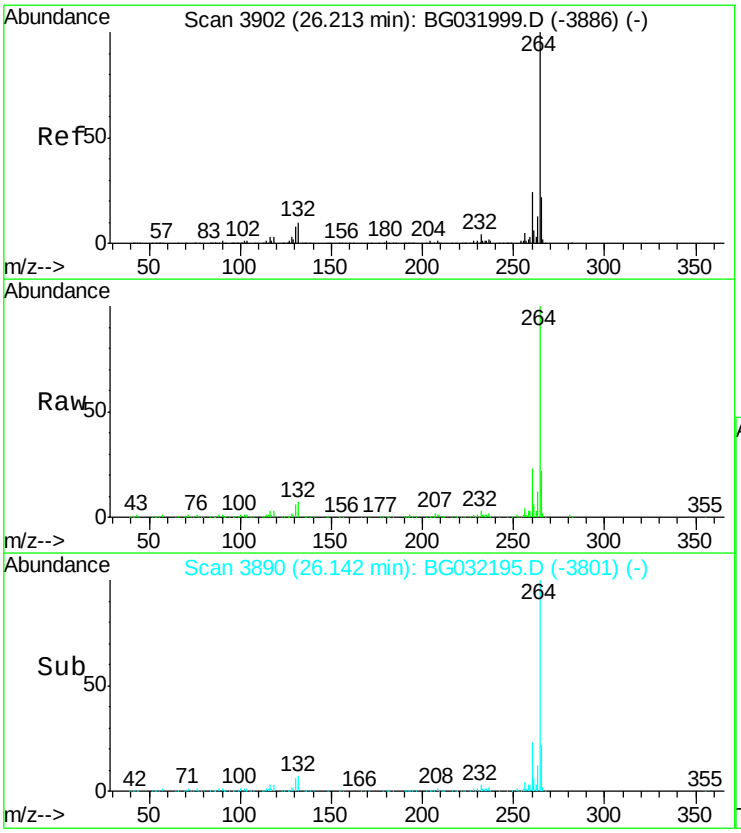
#78
Terphenyl-d14
Concen: 74.436 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Instrument :
BNA_G
ClientSampleId :
BR-2A

Tgt Ion:244 Resp: 1411352

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032195.D
Acq: 21 Jan 2018 00:57

Tgt Ion:264 Resp: 437315

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5