Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032095.D
Acq On : 17 Jan 2018 7:20
Operator : SJ/JU
Sample : J1113-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-19-2.5-3.0

Quant Time: Jan 17 10:44:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49735	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	189034	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	126841	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	321283	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	400349	20.00	ng		-0.01
86) Perylene-d12	26.19	264	408277	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	288998	106.27	ng		0.00
7) Phenol-d6	7.87	99	344065	100.46	ng		0.00
23) Nitrobenzene-d5	9.96	82	204167	73.07	ng		-0.01
41) 2,4,6-Tribromophenol	16.87	330	41231	19.64	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	630812	61.67	ng		0.00
78) Terphenyl-d14	20.66	244	1126413	62.13	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.90	94	9694	2.873	ng		85
49) Dimethylphthalate	14.82	163	45371	4.088	ng	#	97

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

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Operator : SJ/JU
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Misc :
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Instrument :
BNA_G
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SB-19-2.5-3.0

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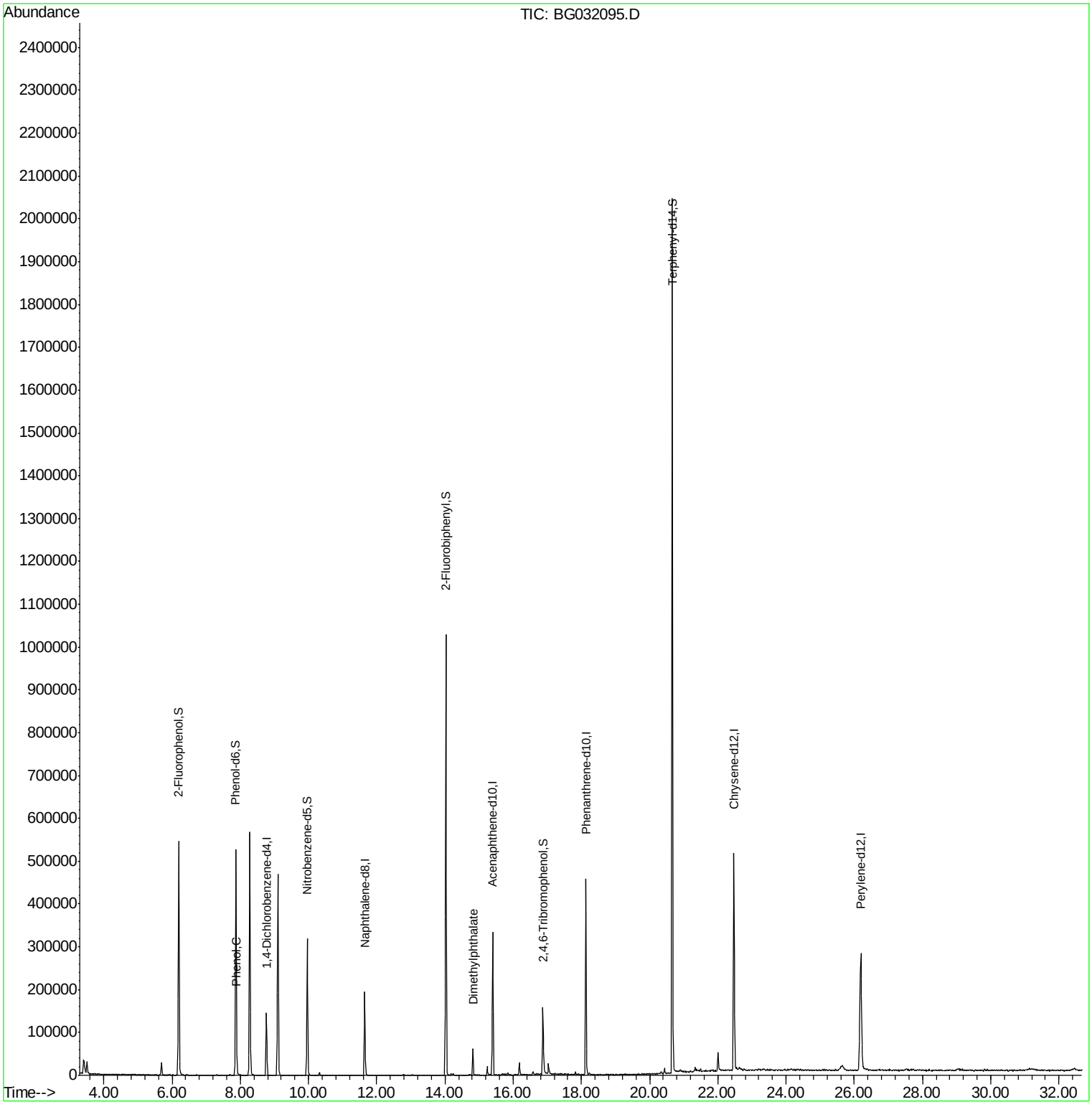
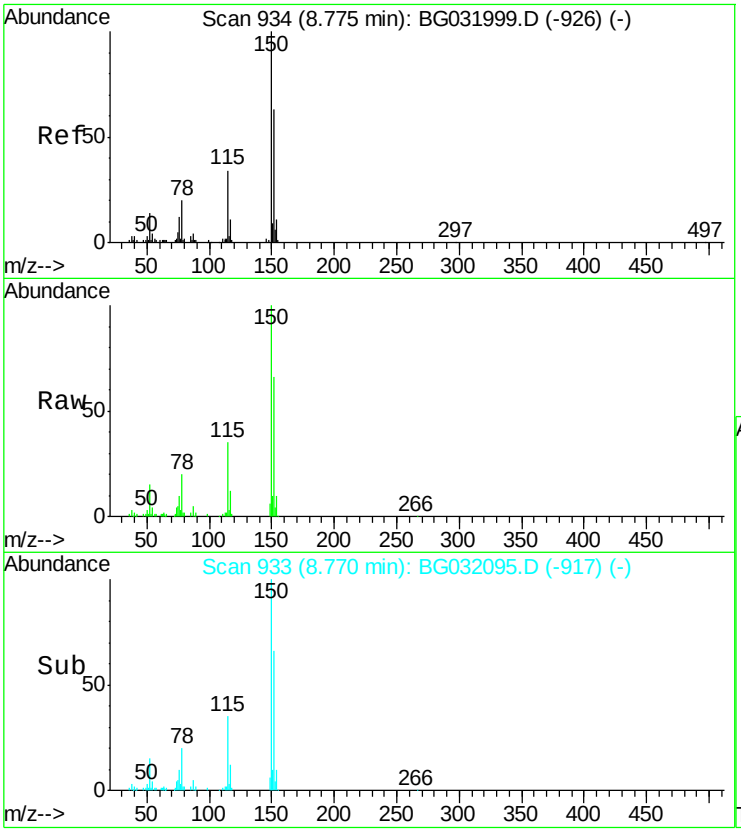


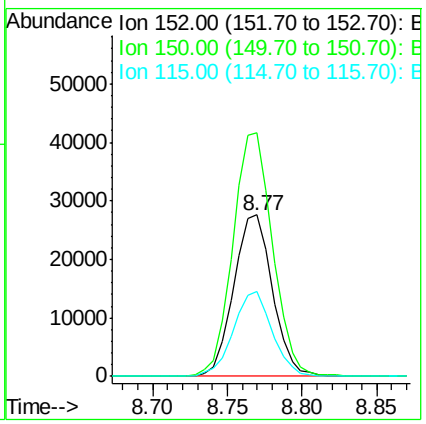


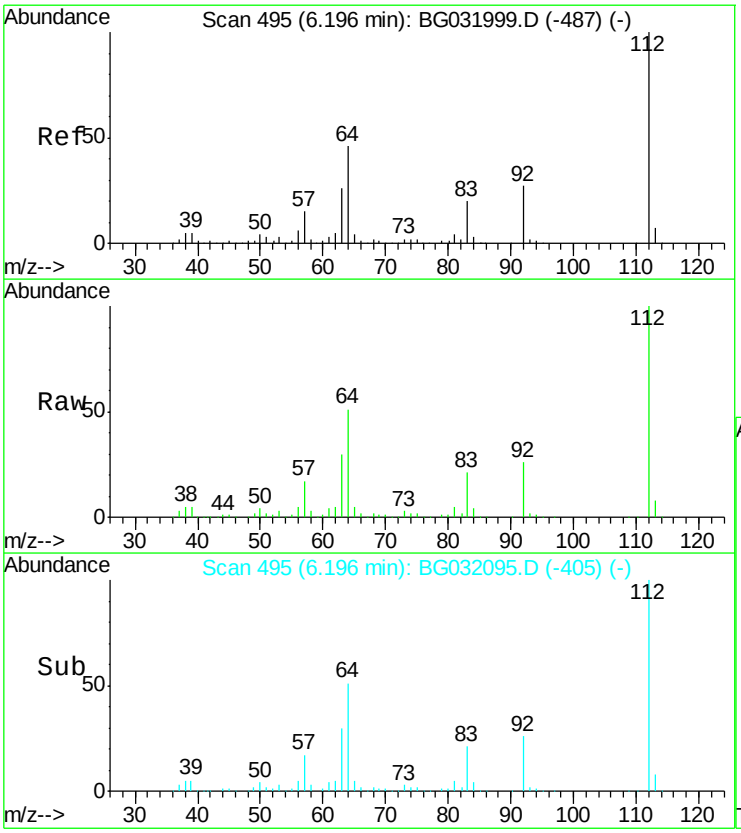
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:152 Resp: 49735

Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	52.6	53.0	79.4#

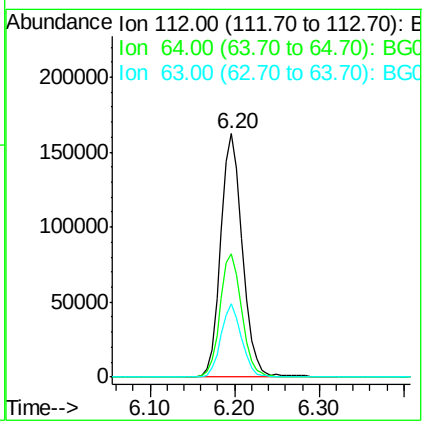


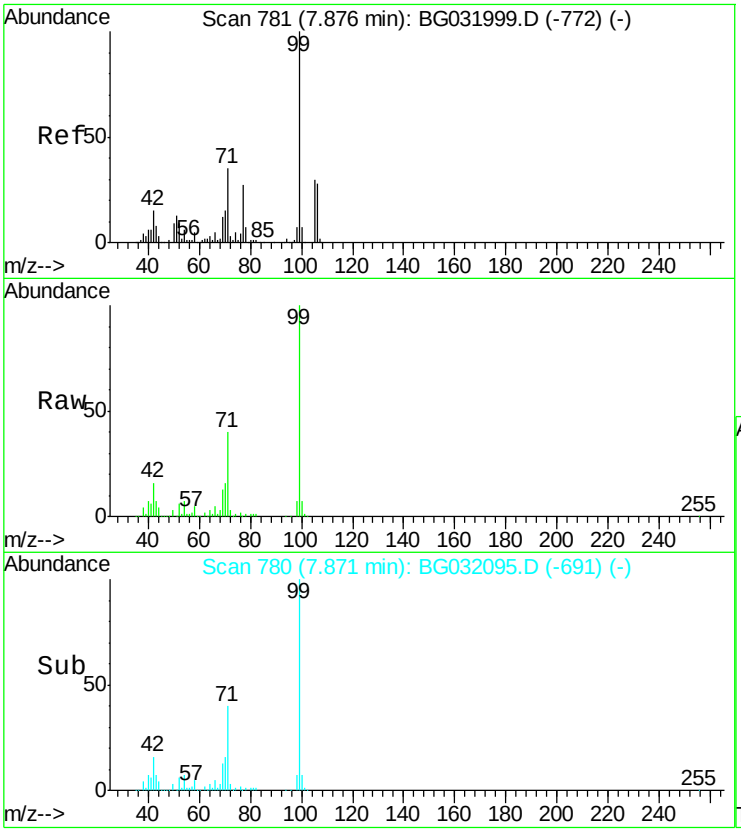


#5
2-Fluorophenol
Concen: 106.275 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:112 Resp: 288998

Ion	Ratio	Lower	Upper
112	100		
64	50.8	56.3	84.5#
63	30.0	30.1	45.1#



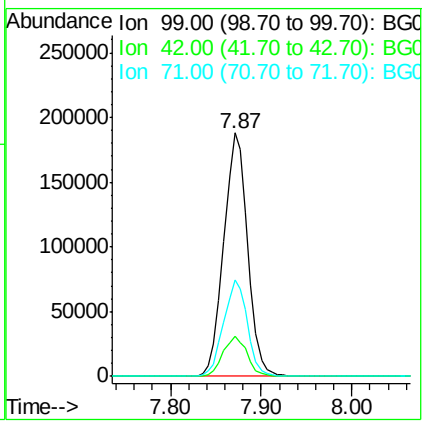


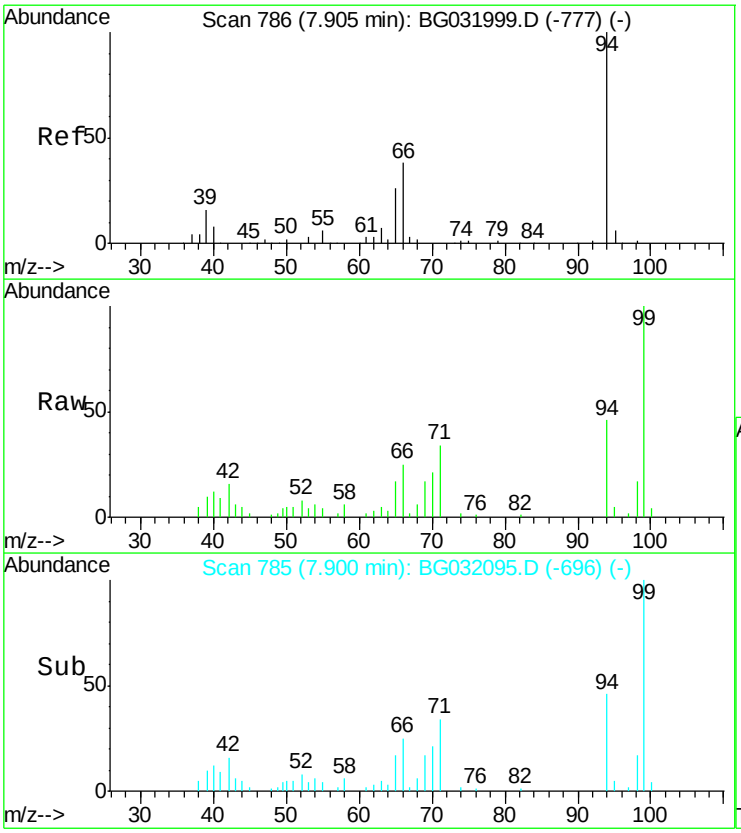
#7
Phenol-d6
Concen: 100.461 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion: 99 Resp: 344065

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	39.7	26.1	39.1#

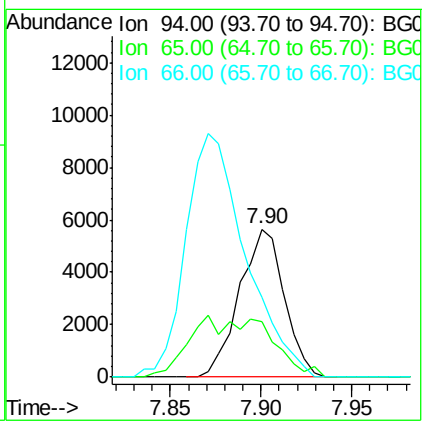


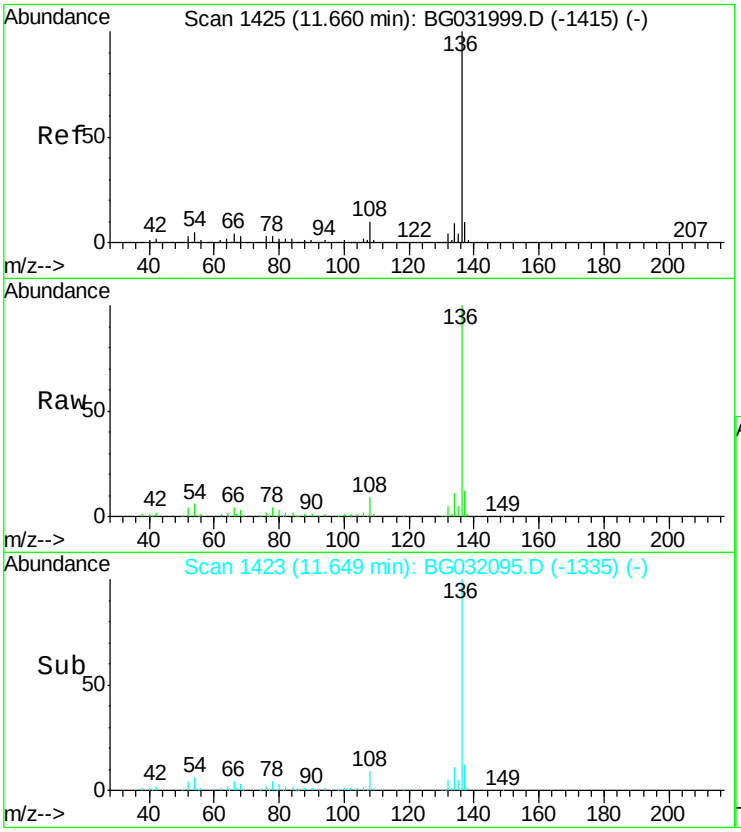


#10
Phenol
Concen: 2.873 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion: 94 Resp: 9694

Ion	Ratio	Lower	Upper
94	100		
65	37.7	11.9	51.9
66	53.7	22.2	62.2



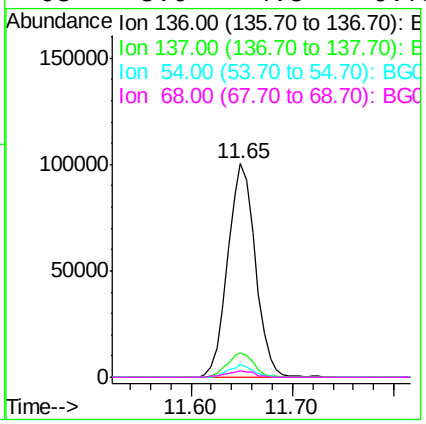


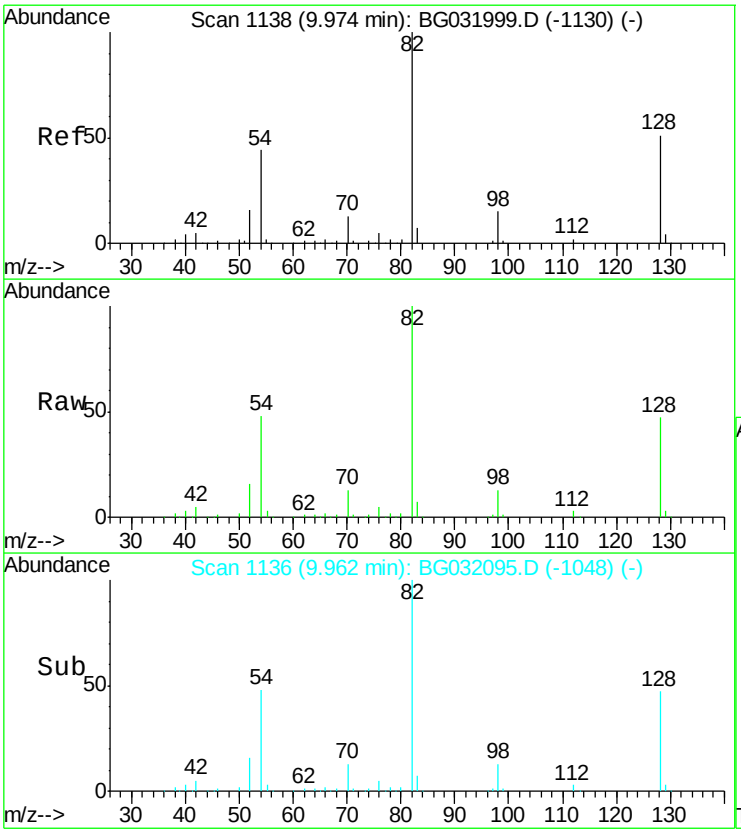
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:136 Resp: 189034

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.2	10.3	15.5#
68	3.0	4.5	6.7#

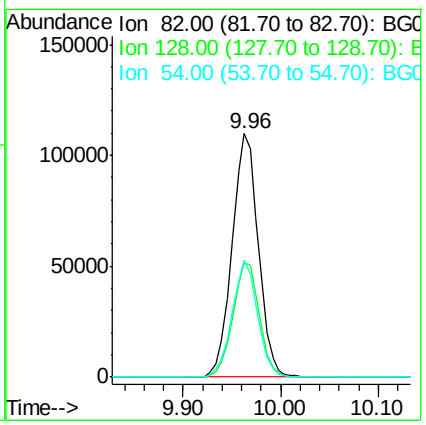


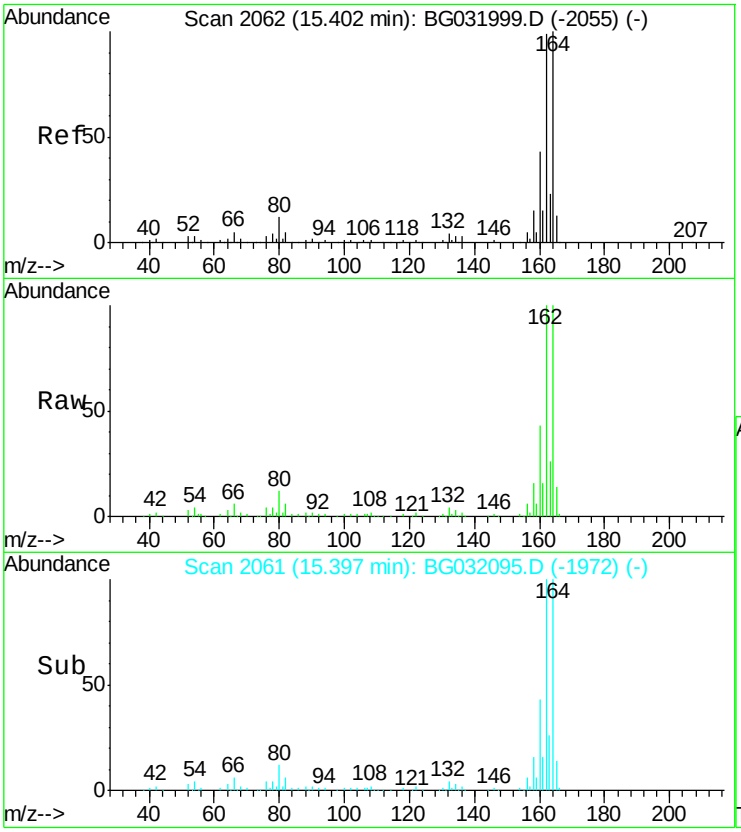


#23
Nitrobenzene-d5
Concen: 73.070 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion: 82 Resp: 204167

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.0	43.1	64.7



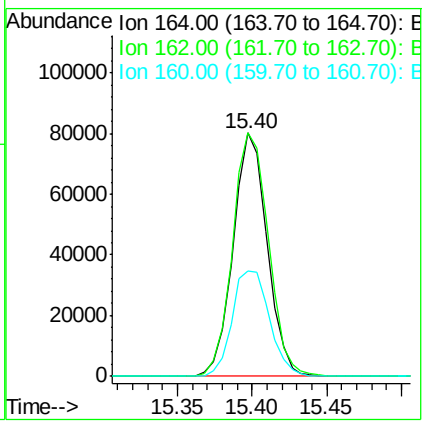


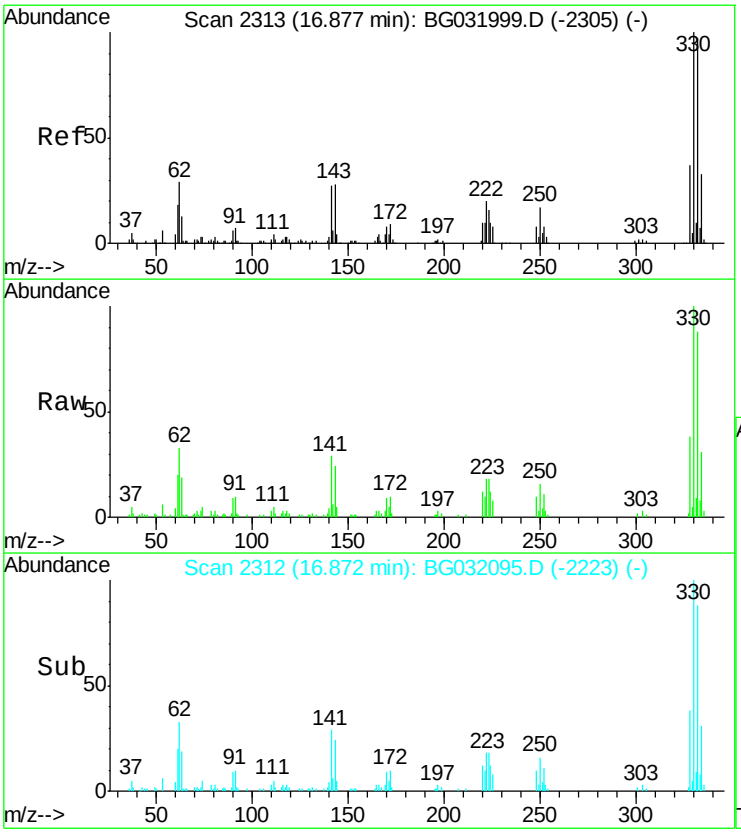
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:164 Resp: 126841

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	43.2	35.4	53.0

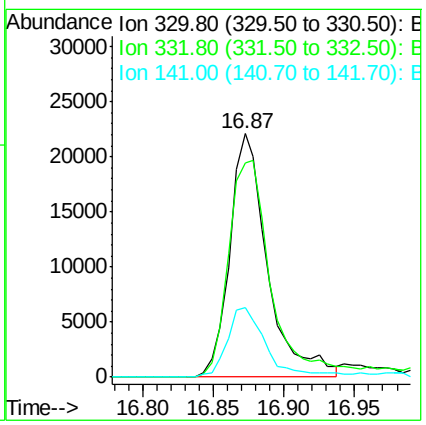


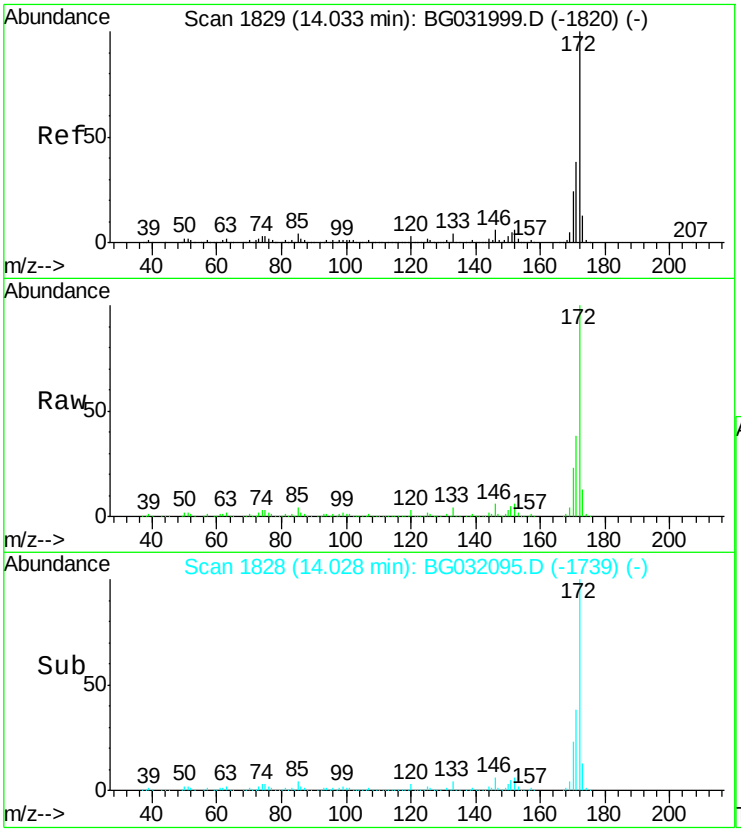


#41
2,4,6-Tribromophenol
Concen: 19.644 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:330 Resp: 41231

Ion	Ratio	Lower	Upper
330	100		
332	100.1	77.0	115.6
141	29.5	25.2	37.8



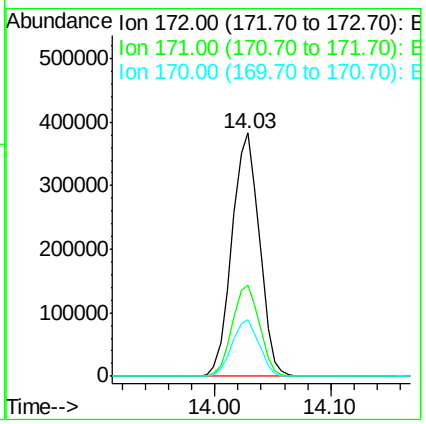


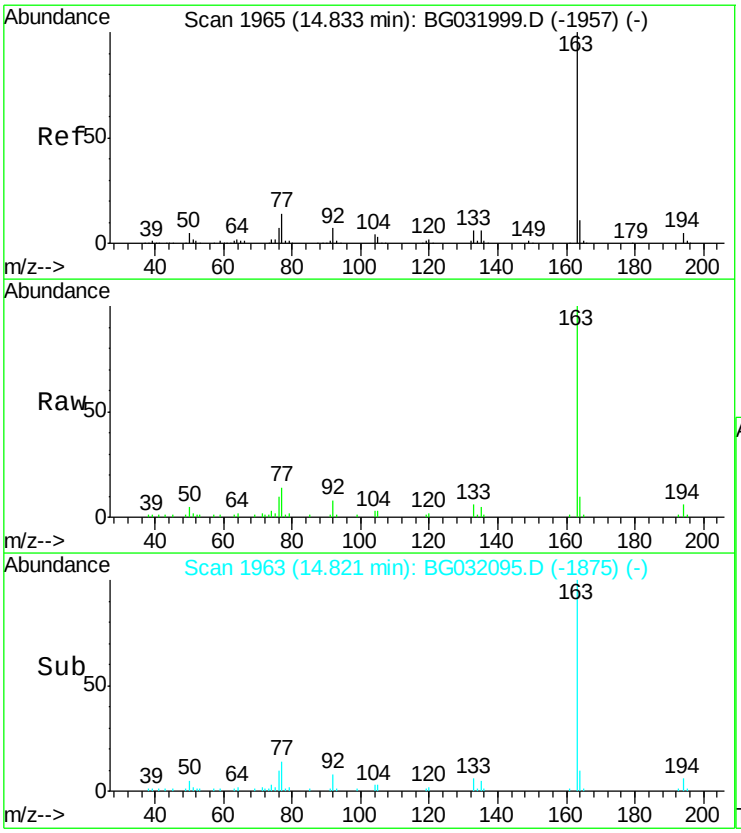
#44
2-Fluorobiphenyl
Concen: 61.666 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:172 Resp: 630812

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.1	19.5	29.3

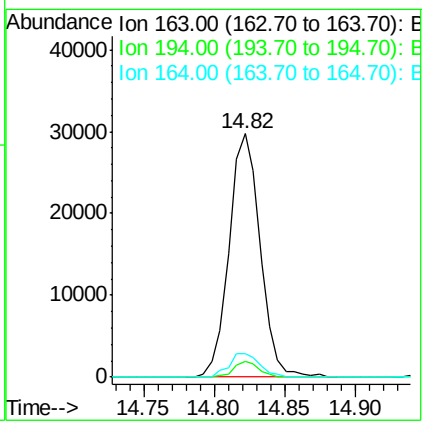


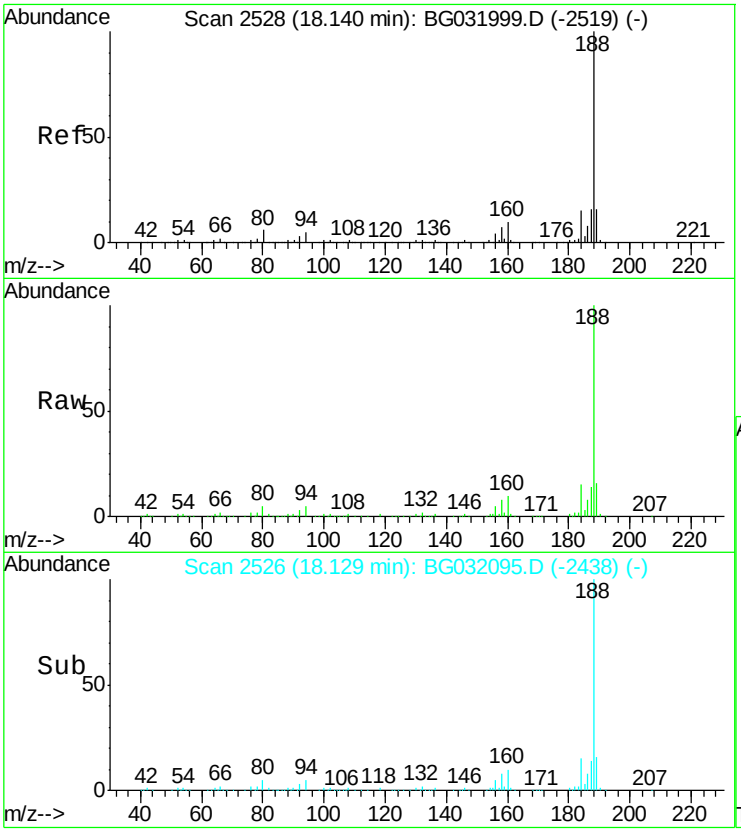


#49
Dimethylphthalate
Concen: 4.088 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:163 Resp: 45371

Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.4	5.2#
164	9.8	8.2	12.4



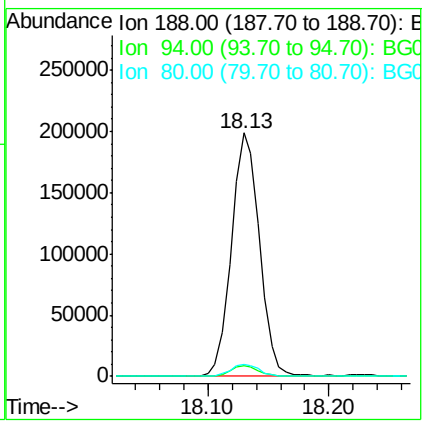


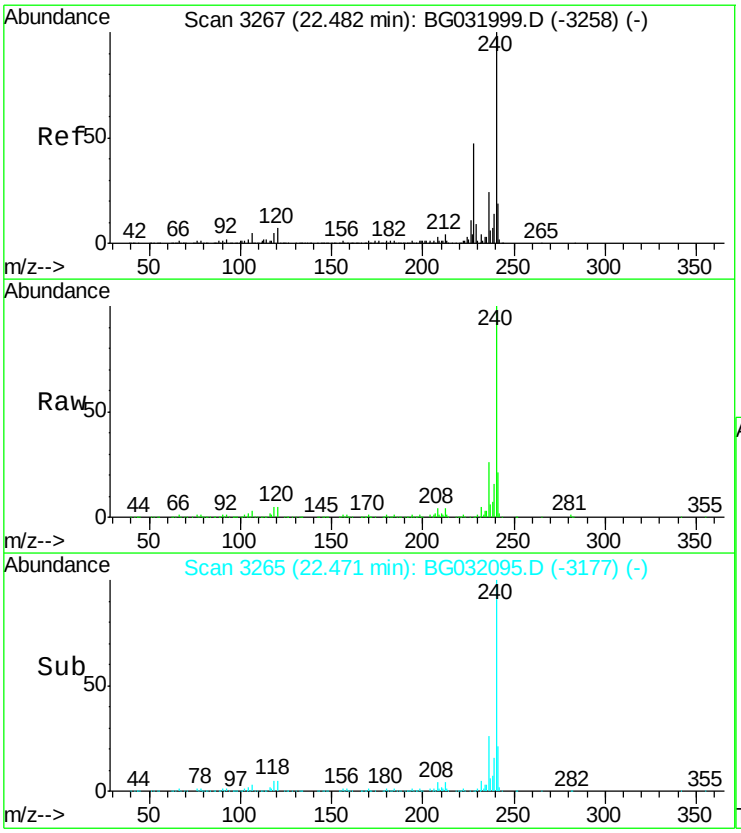
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:188 Resp: 321283

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	5.0	7.7	11.5#

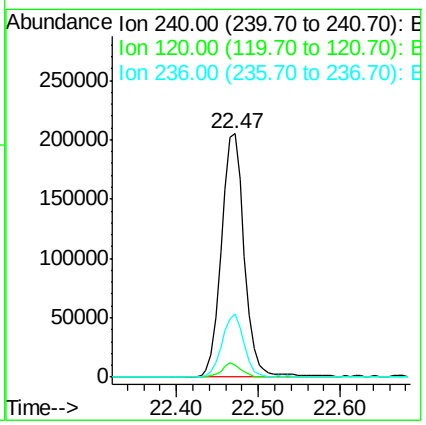


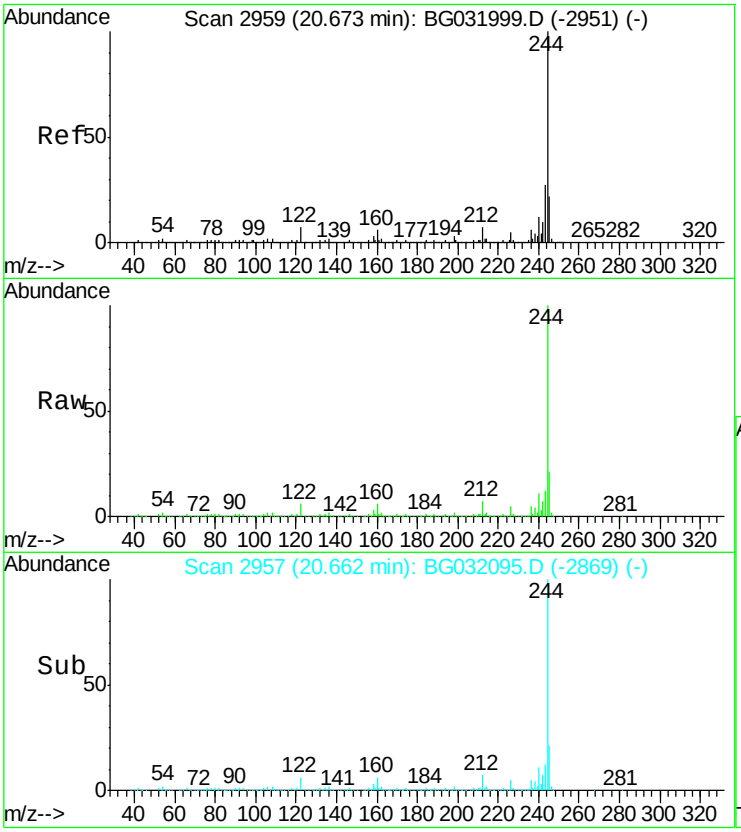


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:240 Resp: 400349

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.9	20.9	31.3



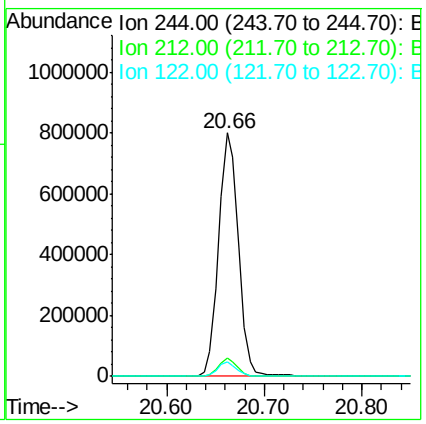


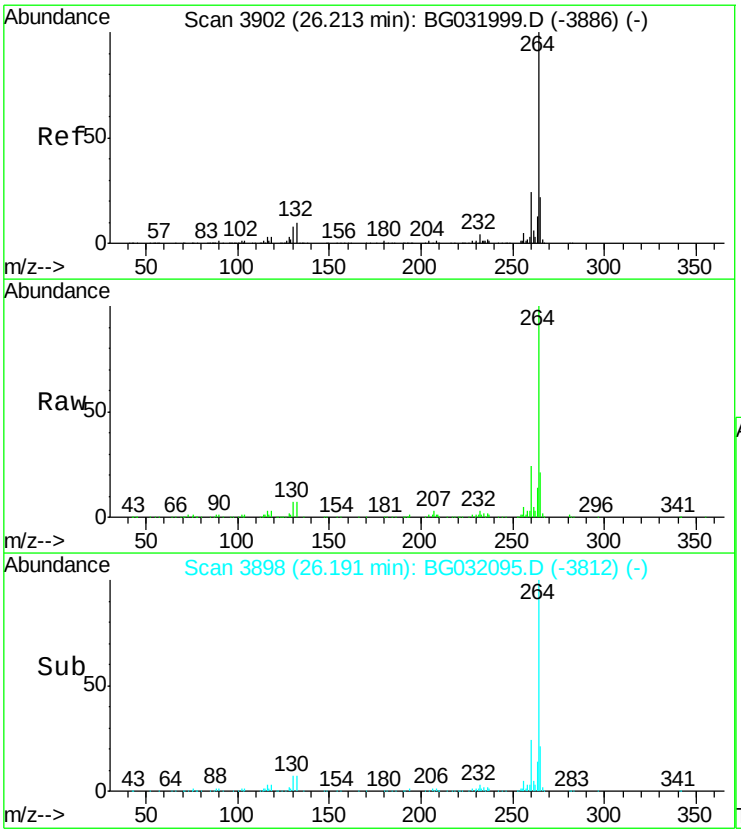
#78
Terphenyl-d14
Concen: 62.125 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:244 Resp: 1126413

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3898
Delta R.T. -0.02 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:264 Resp: 408277

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.5	17.7	26.5