Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032099.D
Acq On : 17 Jan 2018 9:50
Operator : SJ/JU
Sample : J1122-19
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G-1

Quant Time: Jan 17 10:53:39 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	54685	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	205236	20.00	ng		0.00
38) Acenaphthene-d10	15.40	164	132740	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	343217	20.00	ng		0.00
75) Chrysene-d12	22.47	240	412032	20.00	ng		-0.02
86) Perylene-d12	26.19	264	420291	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	331098	110.74	ng		0.00
7) Phenol-d6	7.87	99	375827	99.80	ng		0.00
23) Nitrobenzene-d5	9.96	82	270440	89.15	ng		0.00
41) 2,4,6-Tribromophenol	16.87	330	288724	131.45	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	931933	87.05	ng		0.00
78) Terphenyl-d14	20.66	244	1709113	91.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.87	77	4480	2.053	ng	#	83
15) Benzyl Alcohol	9.00	79	10157	3.713	ng		89
31) Naphthalene	11.70	128	26889	2.645	ng	#	94

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

Quantitation Report (QT Reviewed)

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ALS Vial : 29 Sample Multiplier: 1

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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
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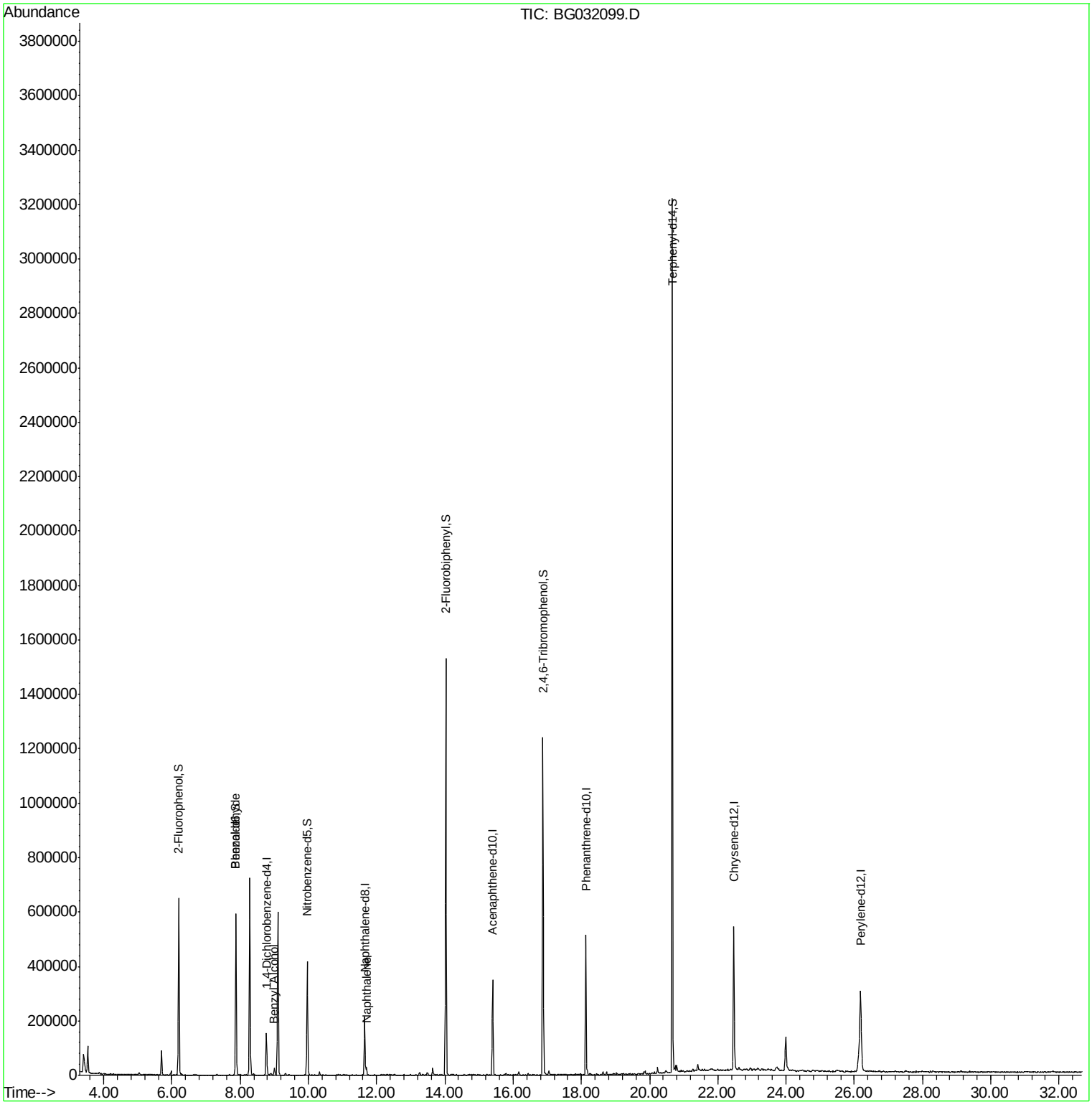
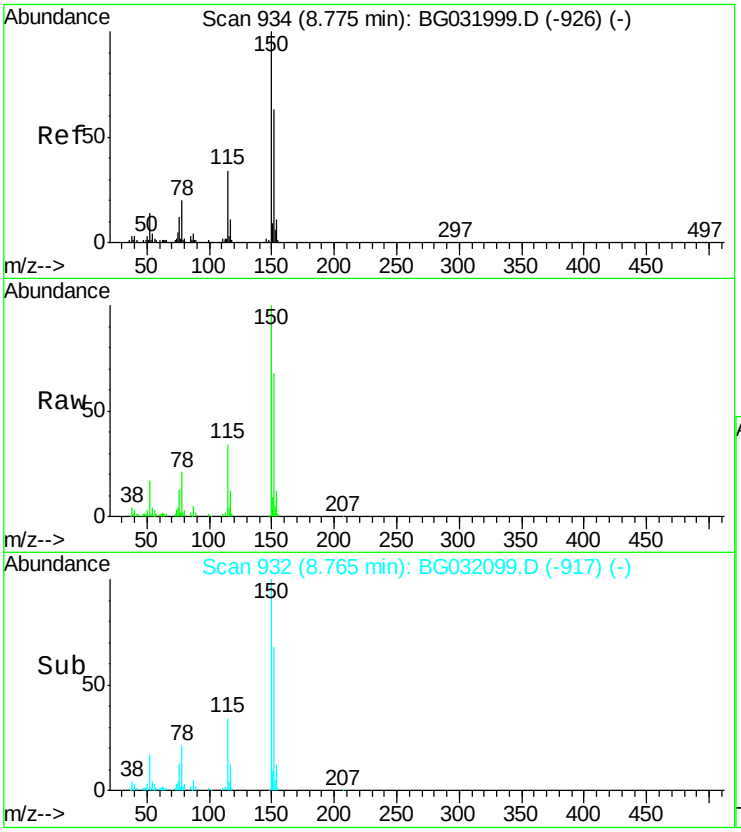


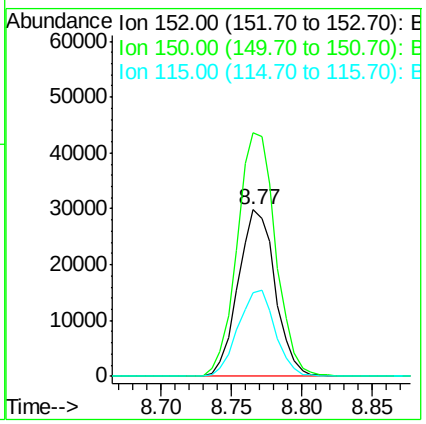


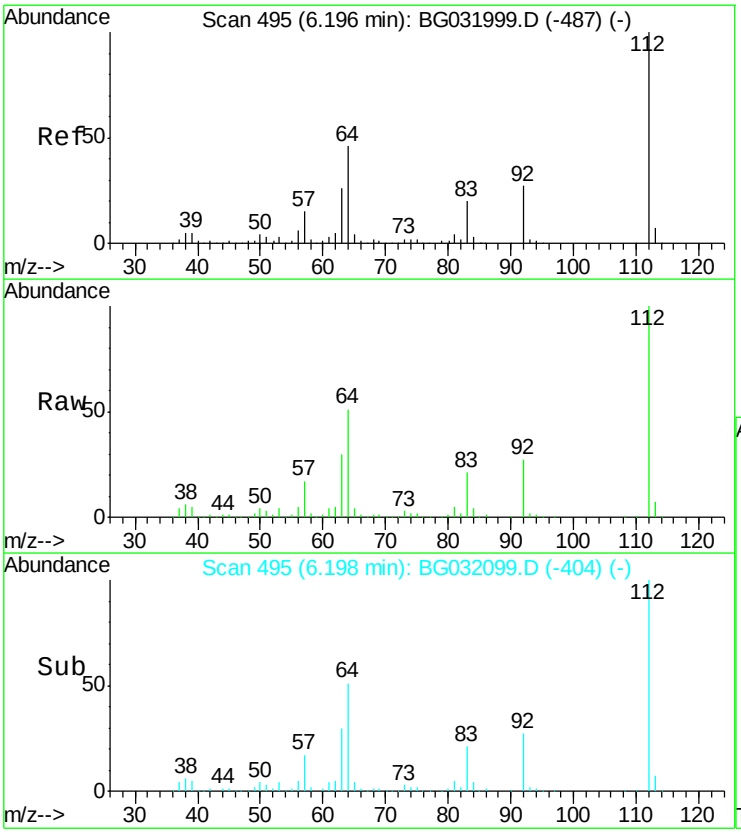
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:152 Resp: 54685

Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	50.2	53.0	79.4#

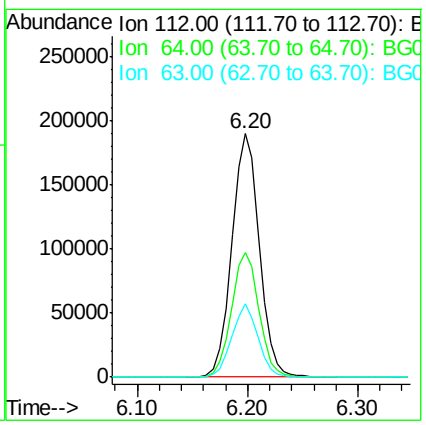


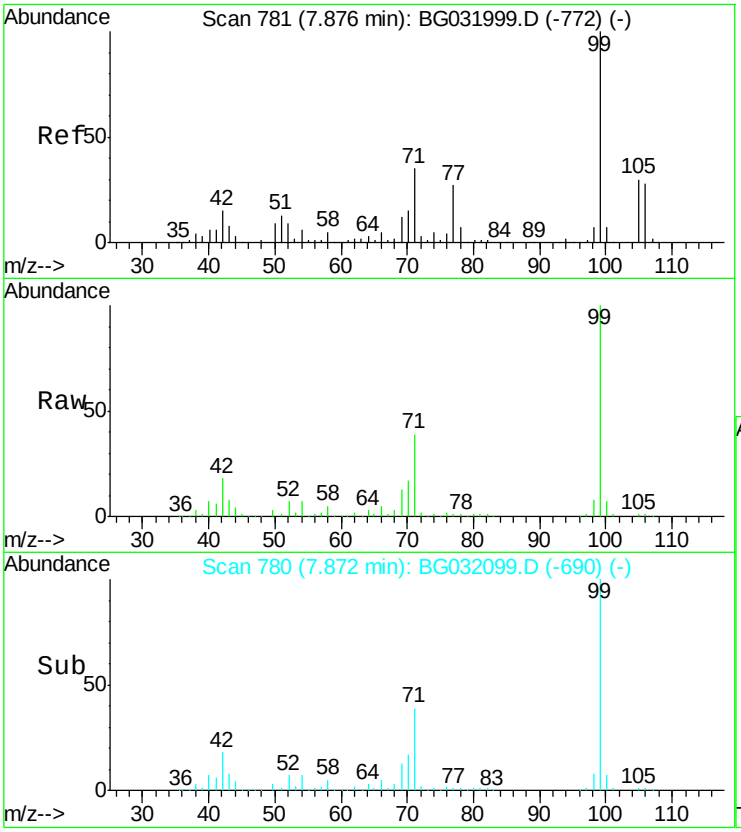


#5
2-Fluorophenol
Concen: 110.735 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:112 Resp: 331098

Ion	Ratio	Lower	Upper
112	100		
64	51.1	56.3	84.5#
63	30.3	30.1	45.1



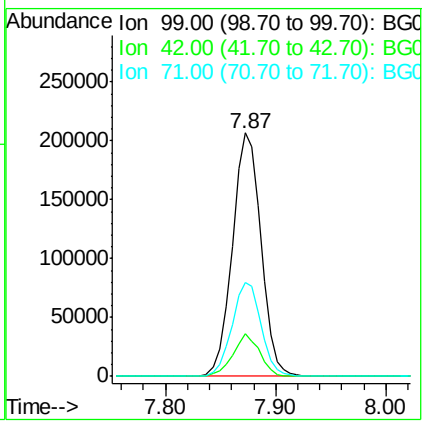


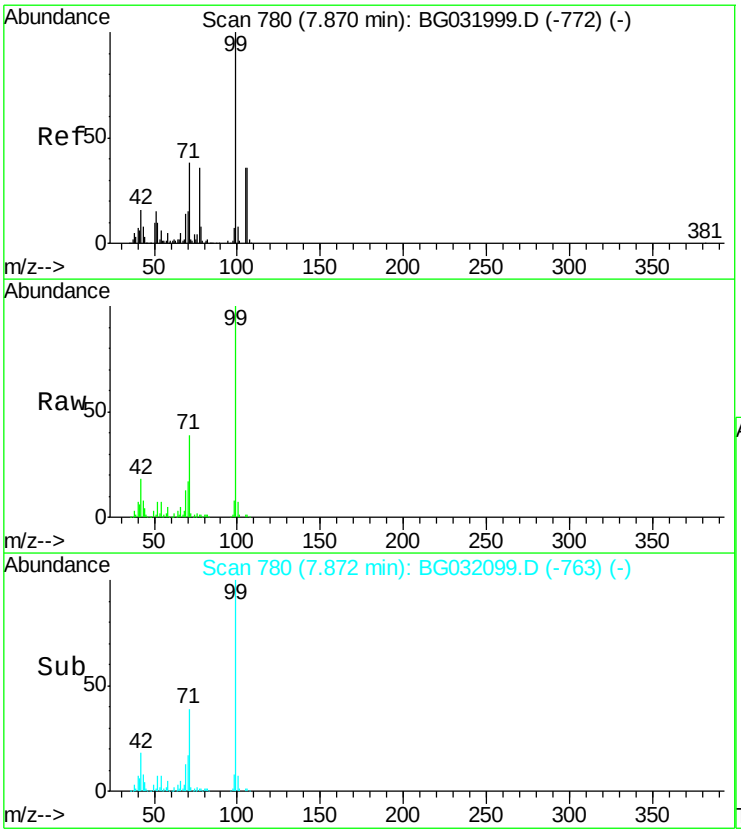
#7
Phenol-d6
Concen: 99.802 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion: 99 Resp: 375827

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	38.6	26.1	39.1

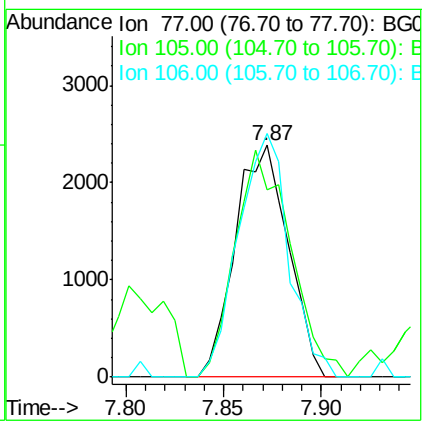


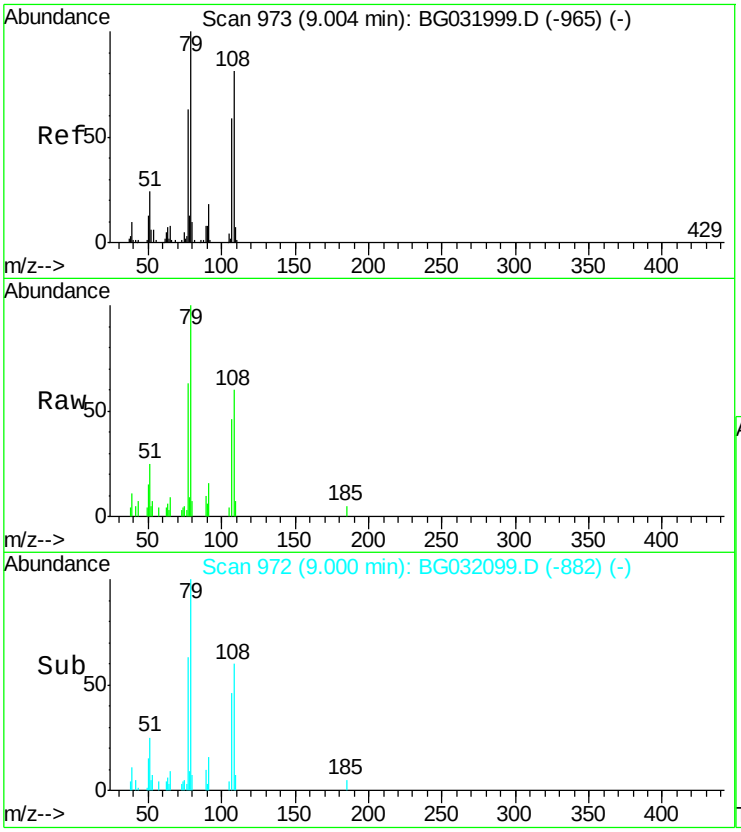


#9
Benzaldehyde
Concen: 2.053 ng
RT: 7.87 min Scan# 780
Delta R.T. 0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion: 77 Resp: 4480

Ion	Ratio	Lower	Upper
77	100		
105	81.0	71.3	111.3
106	105.0	64.2	104.2#



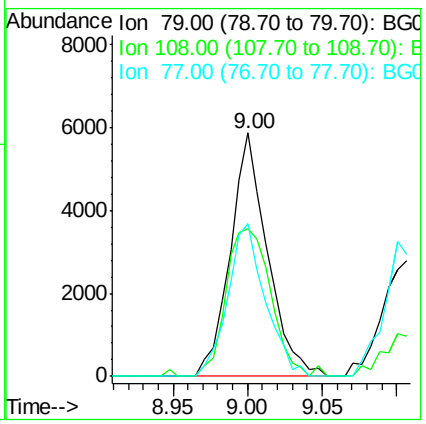


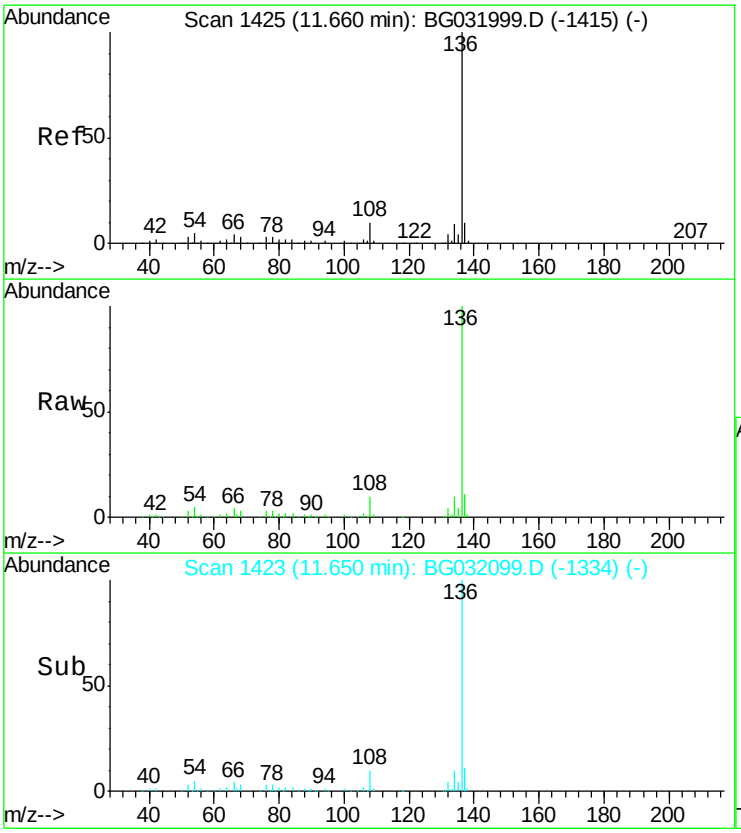
#15
Benzyl Alcohol
Concen: 3.713 ng
RT: 9.00 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion: 79 Resp: 10157

Ion	Ratio	Lower	Upper
79	100		
108	60.4	57.2	85.8
77	62.8	46.1	69.1

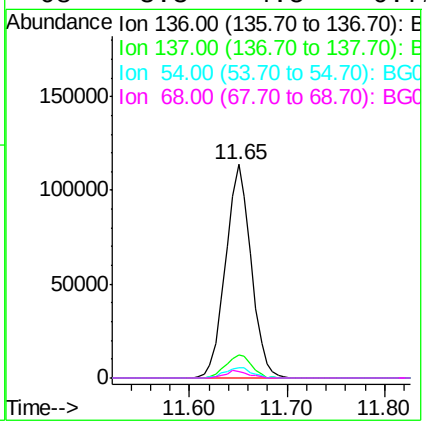


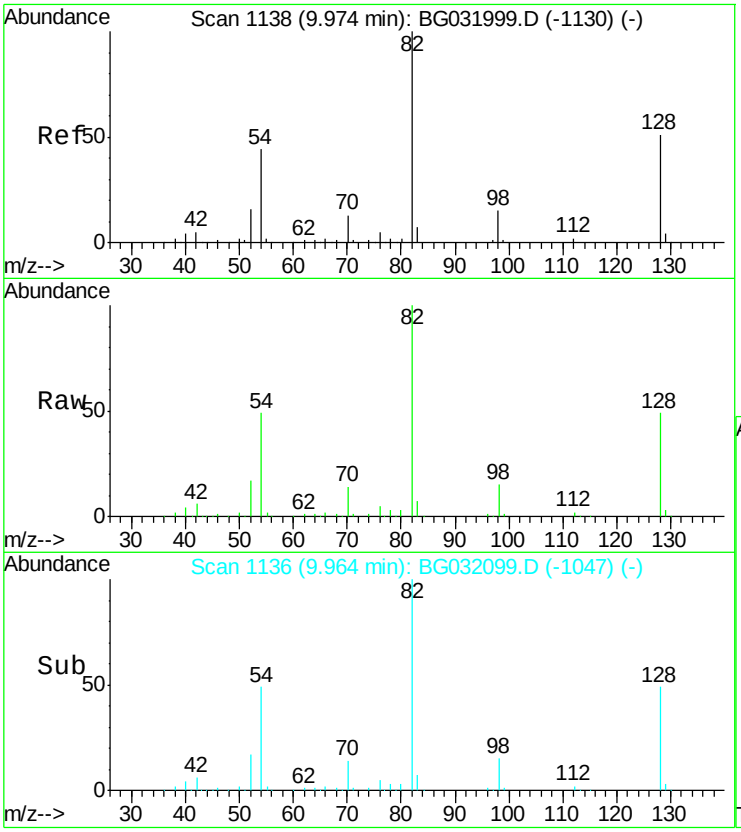


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:136 Resp: 205236

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	4.6	10.3	15.5#
68	3.3	4.5	6.7#



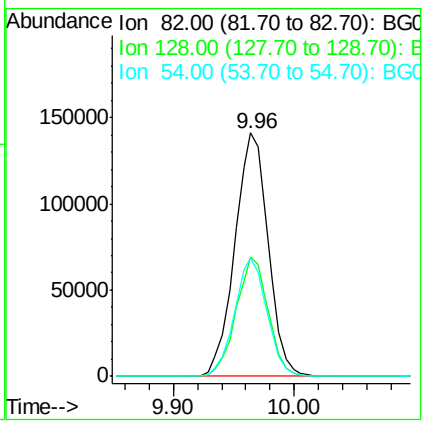


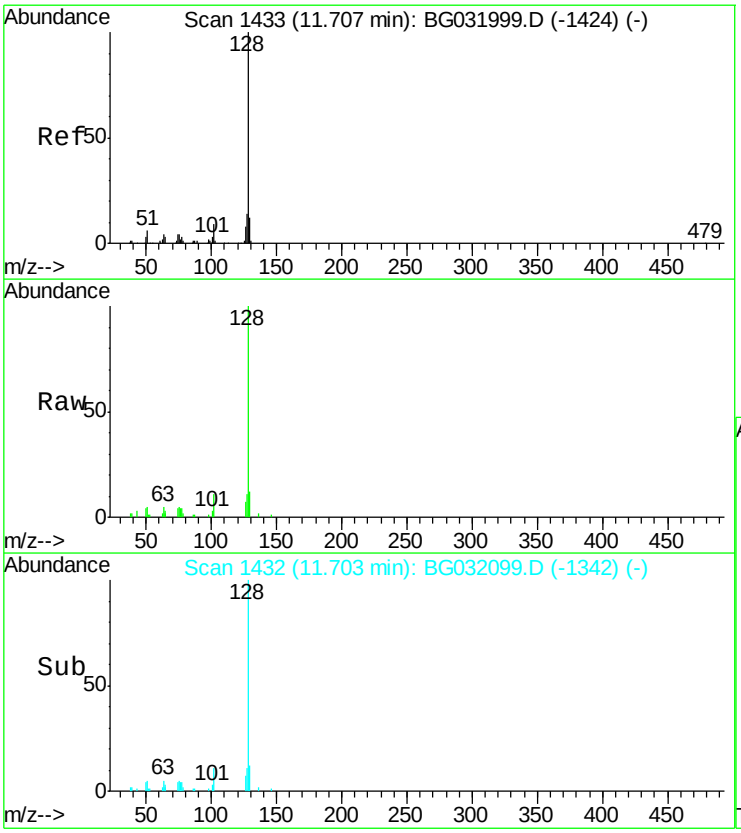
#23
Nitrobenzene-d5
Concen: 89.148 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion: 82 Resp: 270440

Ion	Ratio	Lower	Upper
82	100		
128	49.0	29.7	44.5#
54	48.7	43.1	64.7

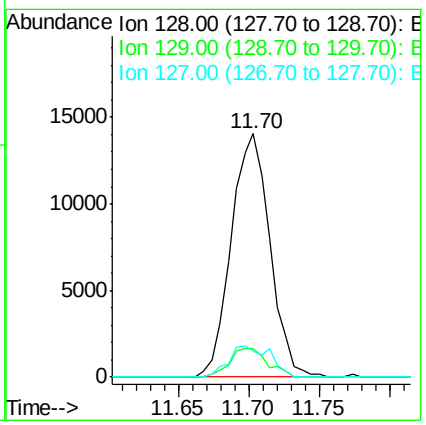


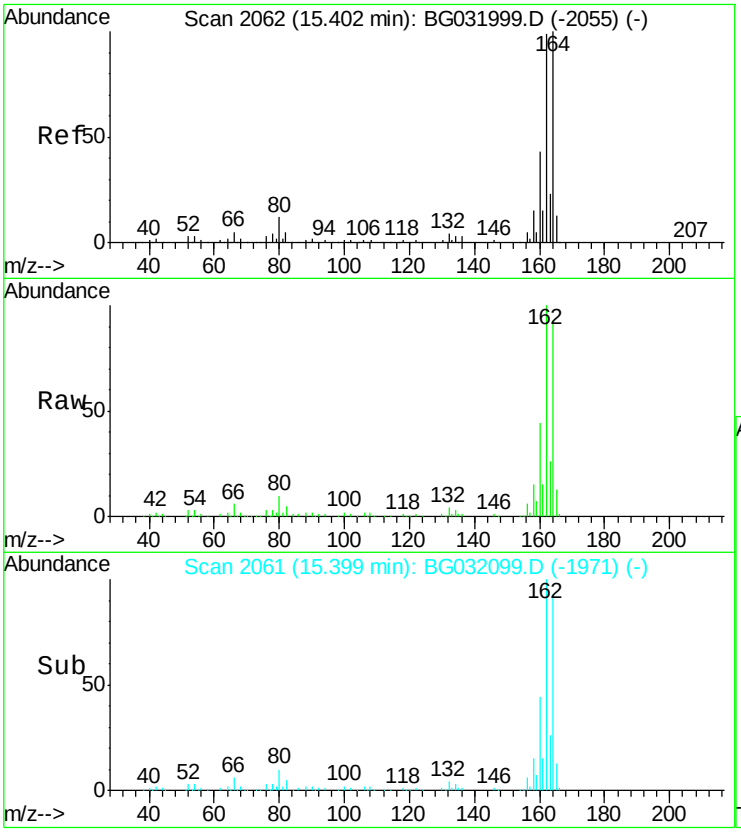


#31
Naphthalene
Concen: 2.645 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:128 Resp: 26889

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	10.8	11.6	17.4#



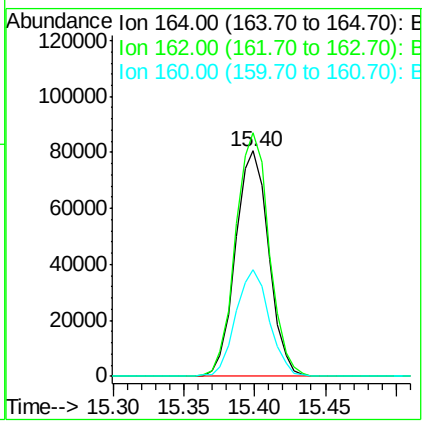


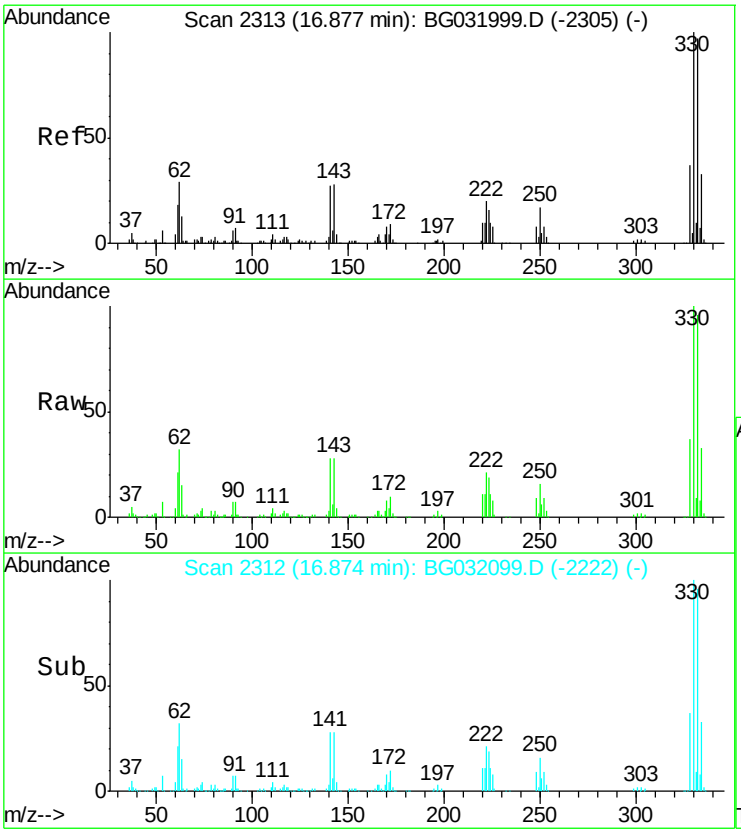
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:164 Resp: 132740

Ion	Ratio	Lower	Upper
164	100		
162	107.9	78.8	118.2
160	47.3	35.4	53.0

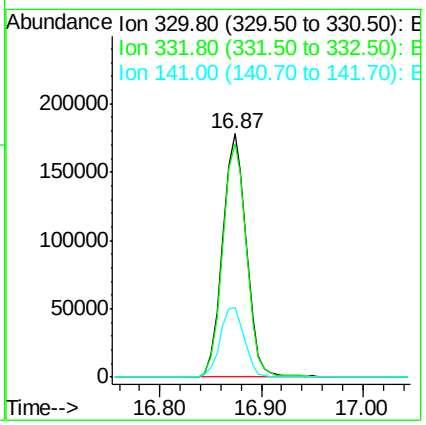


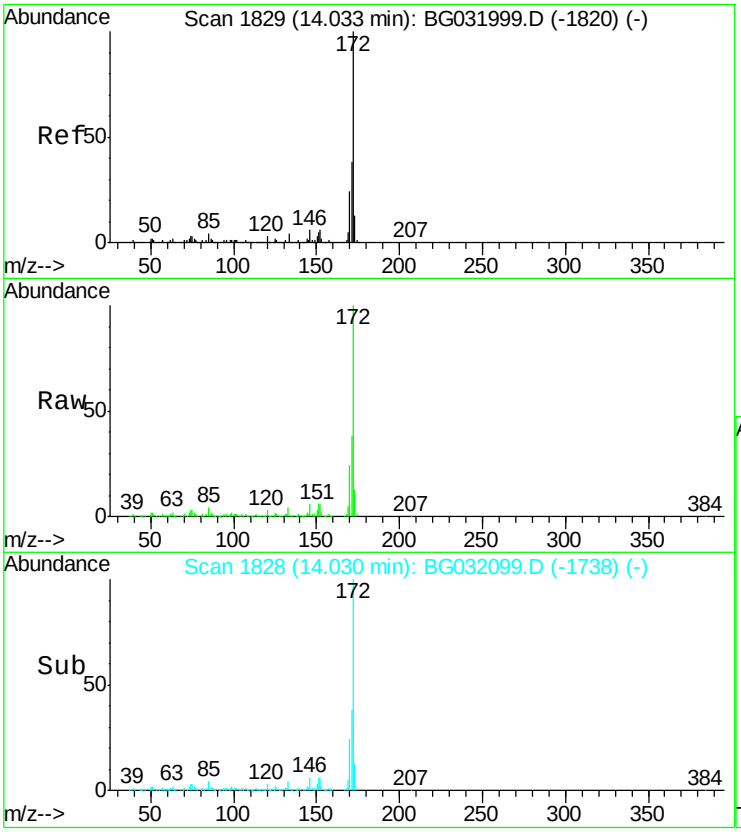


#41
2,4,6-Tribromophenol
Concen: 131.445 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:330 Resp: 288724

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	29.4	25.2	37.8



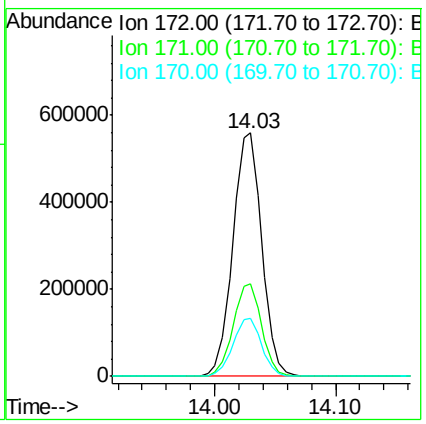


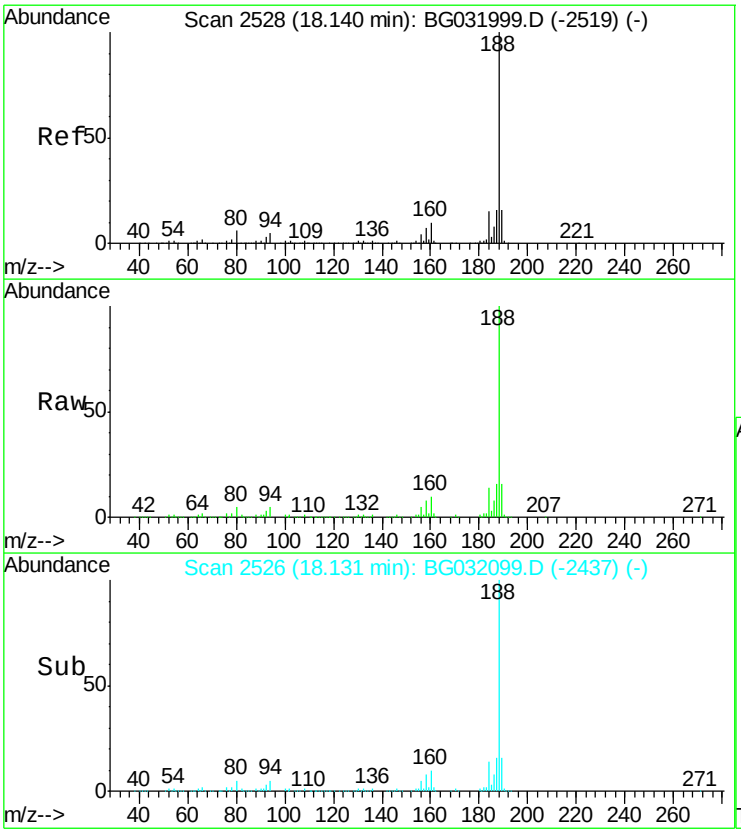
#44
2-Fluorobiphenyl
Concen: 87.054 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:172 Resp: 931933

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.8	19.5	29.3

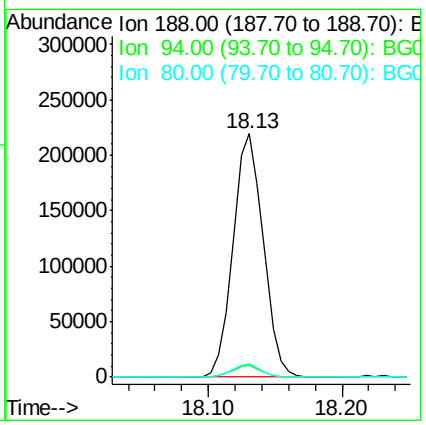


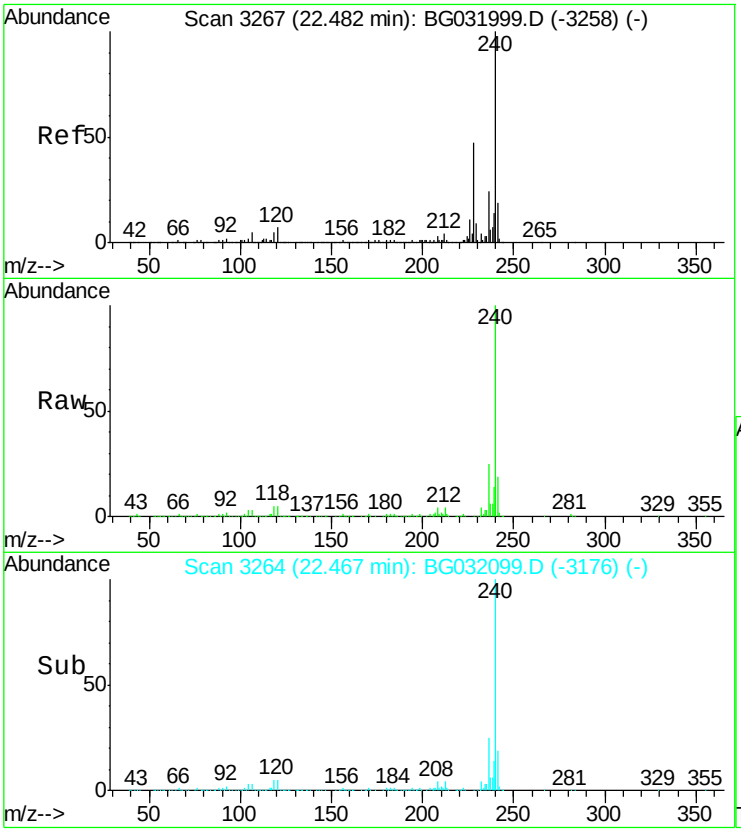


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:188 Resp: 343217

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.3	7.7	11.5#



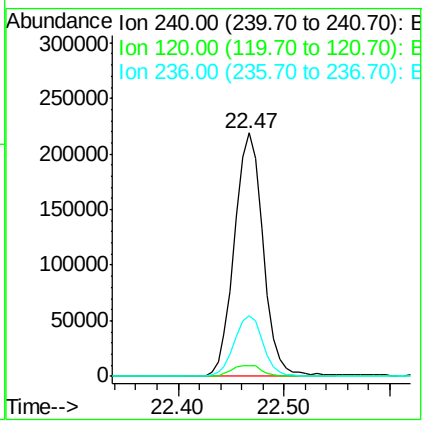


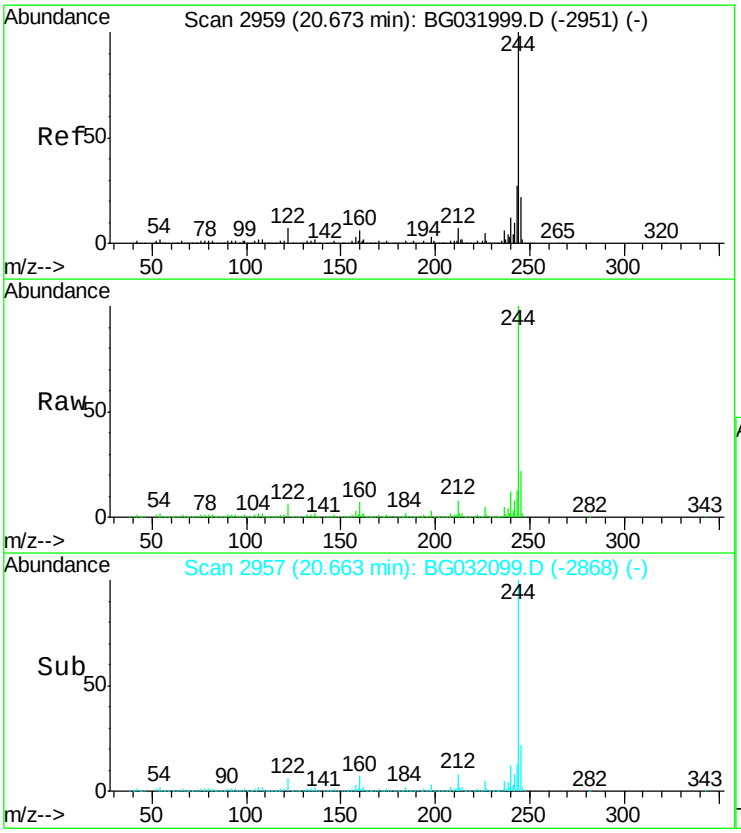
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:240 Resp: 412032

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	25.1	20.9	31.3

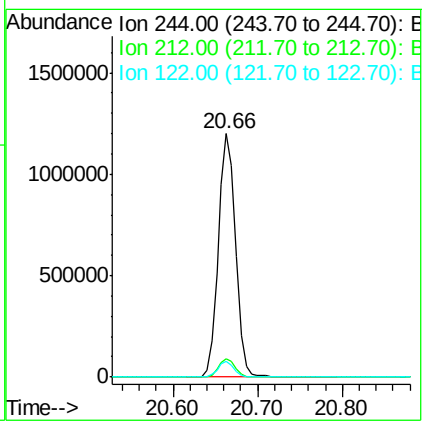


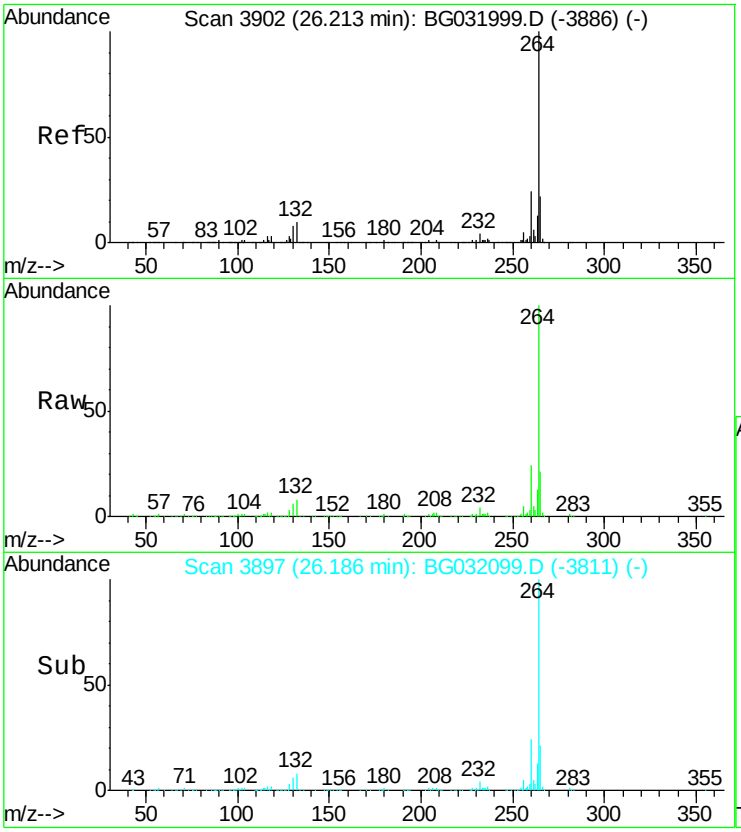


#78
Terphenyl-d14
Concen: 91.590 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Tgt Ion:244 Resp: 1709113

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032099.D
Acq: 17 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
G-1

Tgt Ion:264 Resp: 420291

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.9	17.7	26.5