Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
Data File : BG031641.D
Acq On : 18 Dec 2017 19:35
Operator : SJ/JU
Sample : I6680-12
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 07:03:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	70873	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	303498	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	201611	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	532368	20.00	ng	0.00
75) Chrysene-d12	21.73	240	560255	20.00	ng	-0.01
86) Perylene-d12	25.01	264	477913	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	598224	149.61	ng	0.00
7) Phenol-d6	7.27	99	683724	123.18	ng	0.00
23) Nitrobenzene-d5	9.27	82	503744	102.30	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	420744	178.13	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1469873	107.02	ng	0.00
78) Terphenyl-d14	20.06	244	2524113	102.50	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.35	122	61	6.982	ng	# 1
55) 4-Nitrophenol	15.15	139	744	3.832	ng	# 1
69) Pentachlorophenol	17.27	266	176	5.715	ng	# 19

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

Quantitation Report (Not Reviewed)

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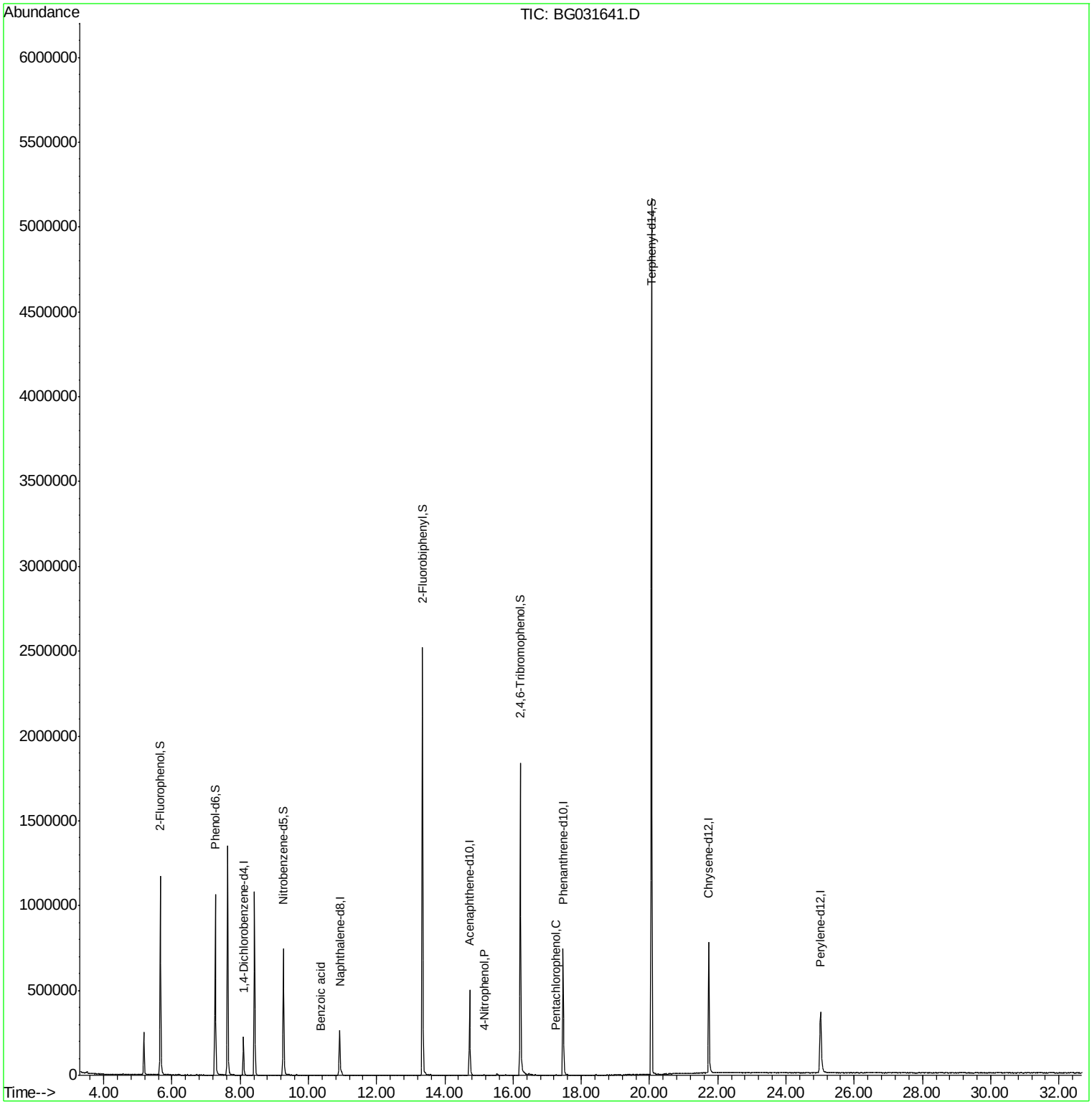
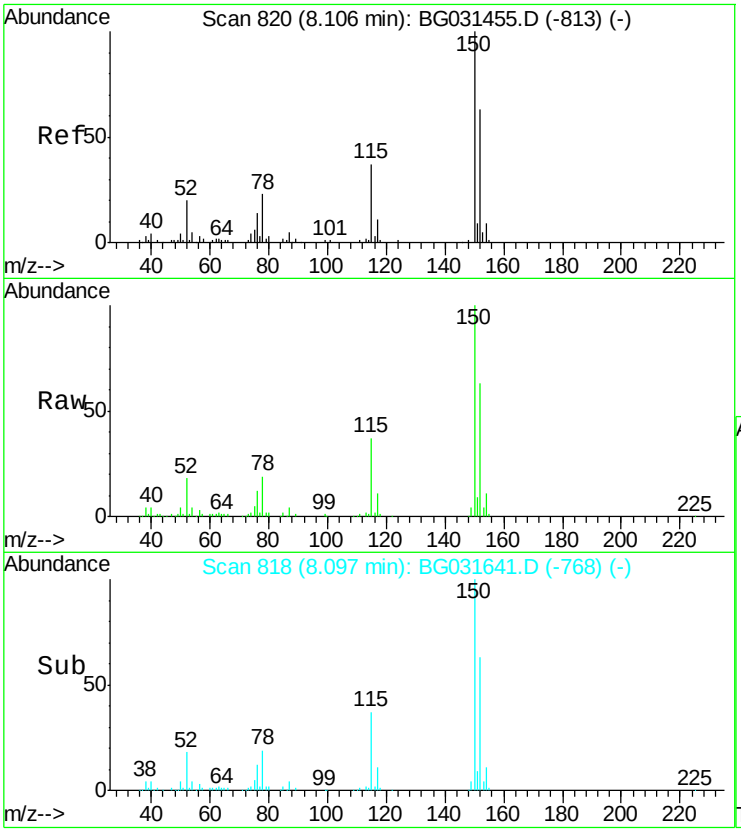


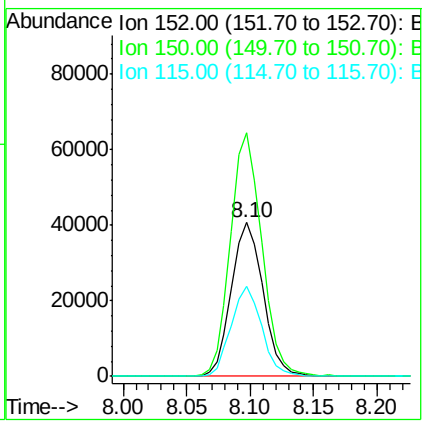


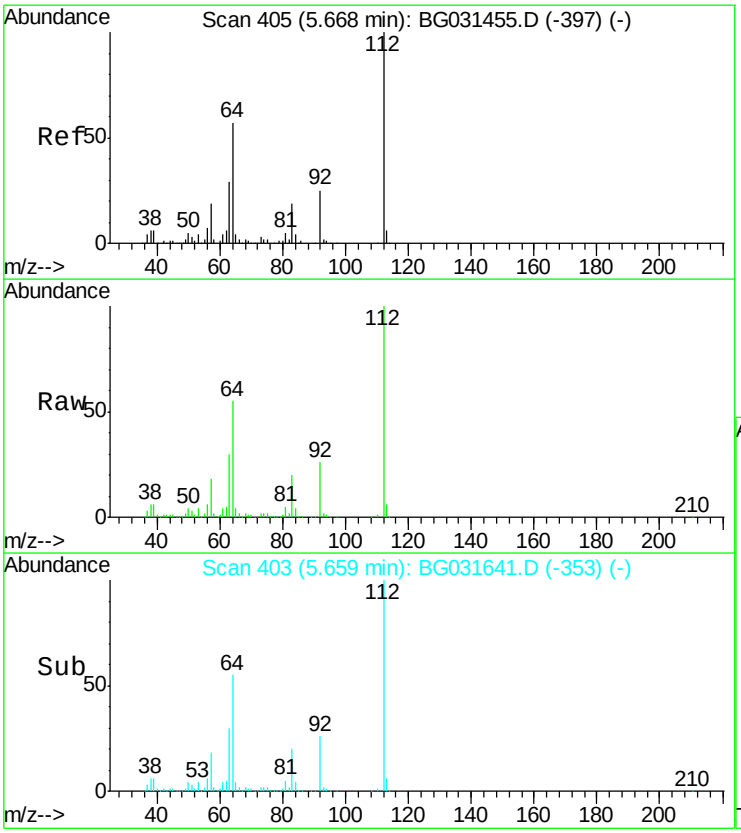
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70873

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.6	189.8
115	58.3	53.0	79.4

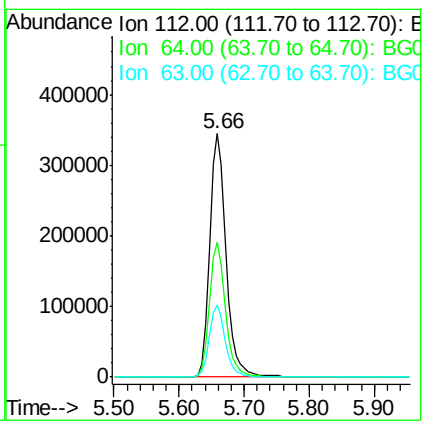


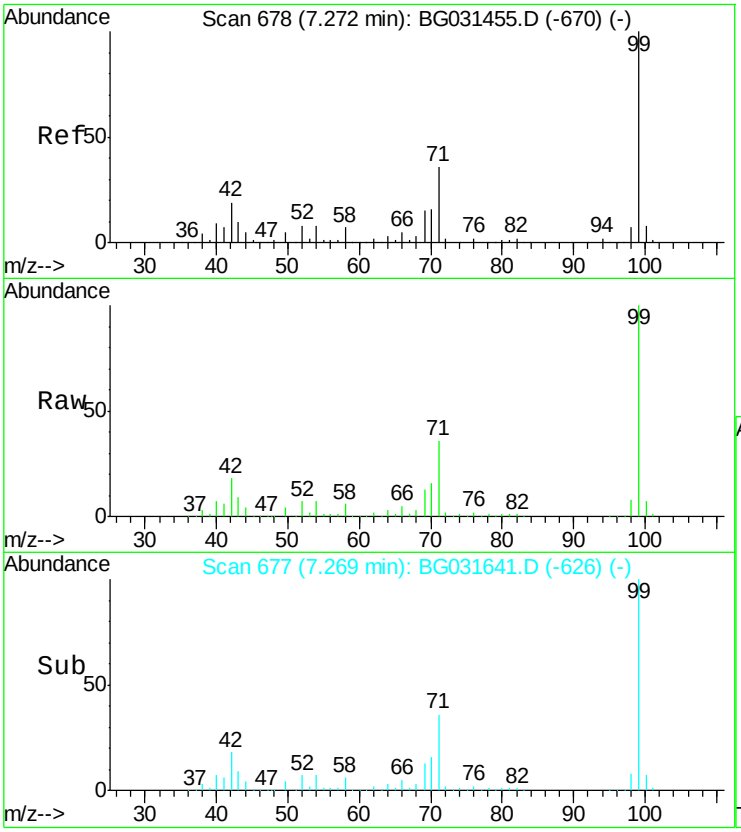


#5
2-Fluorophenol
Concen: 149.615 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:112 Resp: 598224

Ion	Ratio	Lower	Upper
112	100		
64	55.2	56.3	84.5#
63	29.7	30.1	45.1#



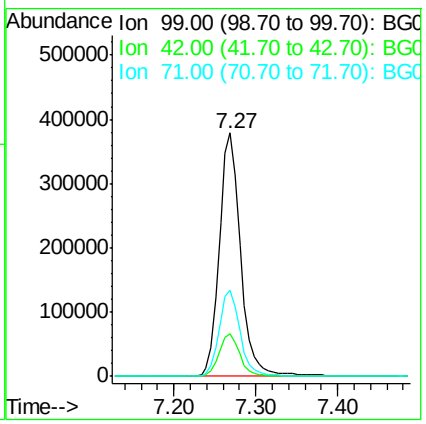


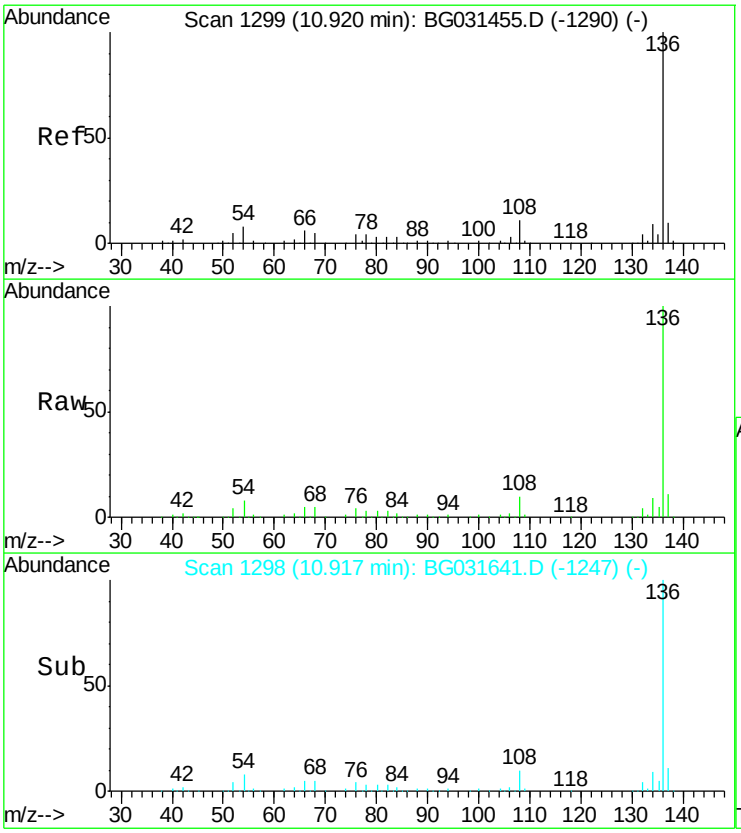
#7
Phenol-d6
Concen: 123.177 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 683724

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.1	21.1
71	35.6	26.1	39.1

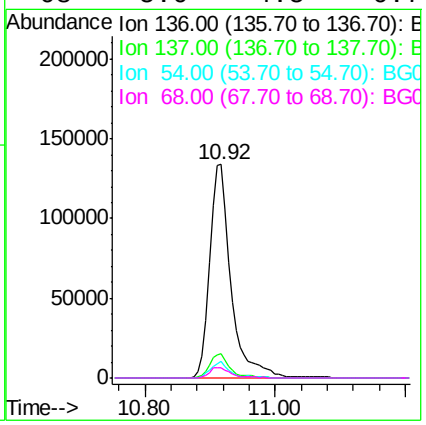


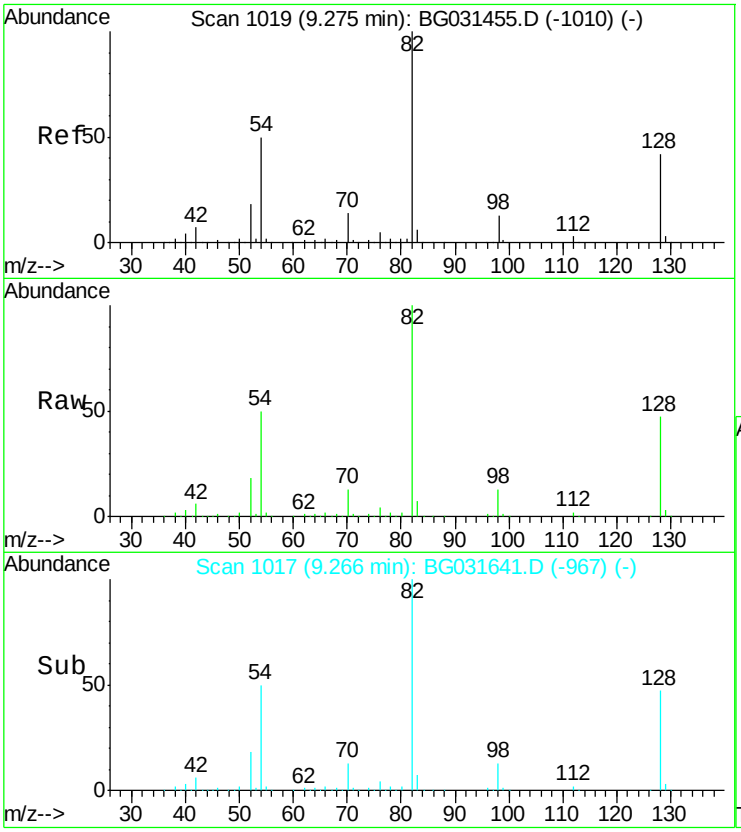


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:136 Resp: 303498

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.9	10.3	15.5#
68	5.0	4.5	6.7



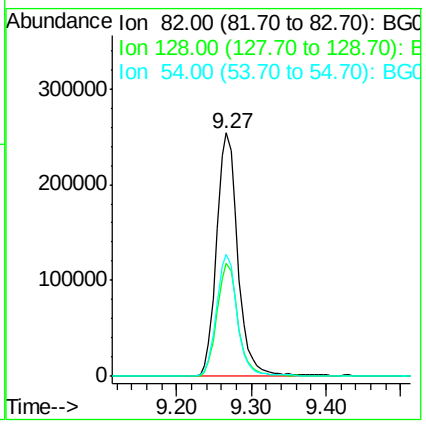


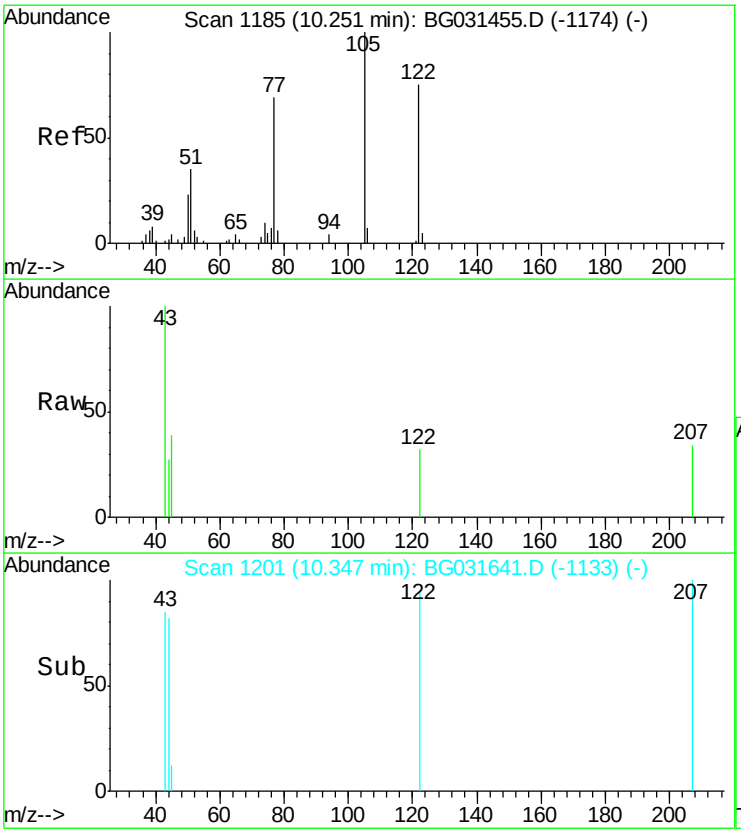
#23
Nitrobenzene-d5
Concen: 102.304 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 503744

Ion	Ratio	Lower	Upper
82	100		
128	46.6	29.7	44.5#
54	50.1	43.1	64.7

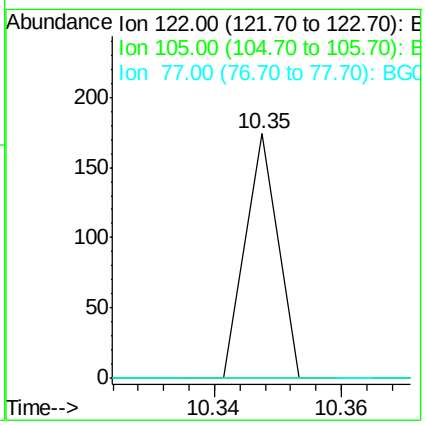


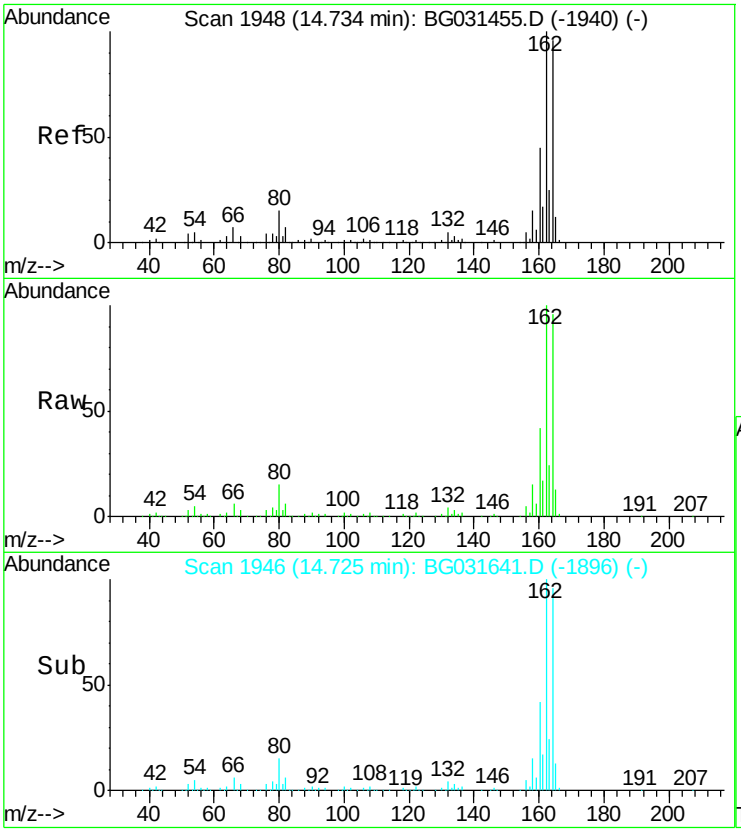


#32
Benzoic acid
Concen: 6.982 ng
RT: 10.35 min Scan# 1201
Delta R.T. 0.10 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:122 Resp: 61

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



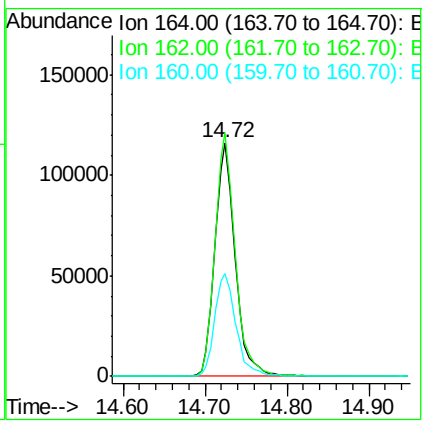


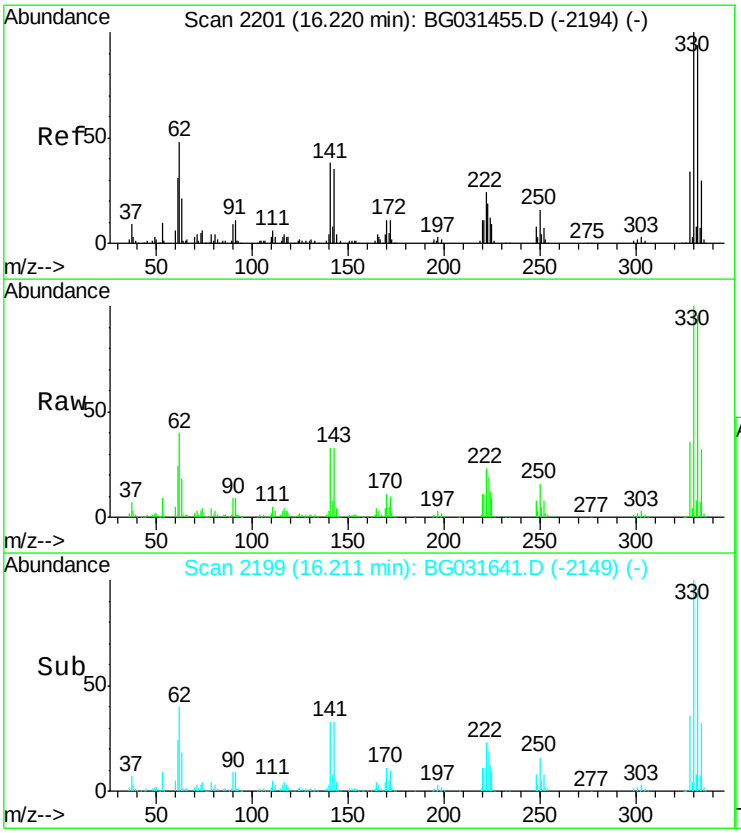
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 201611

Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	43.9	35.4	53.0

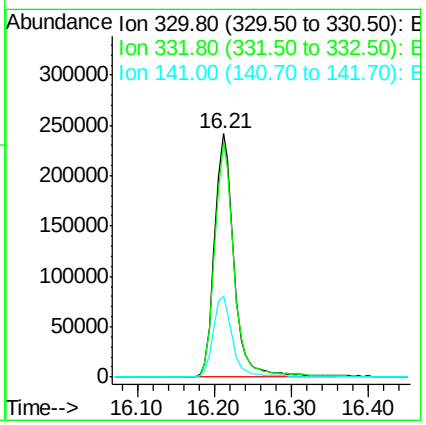


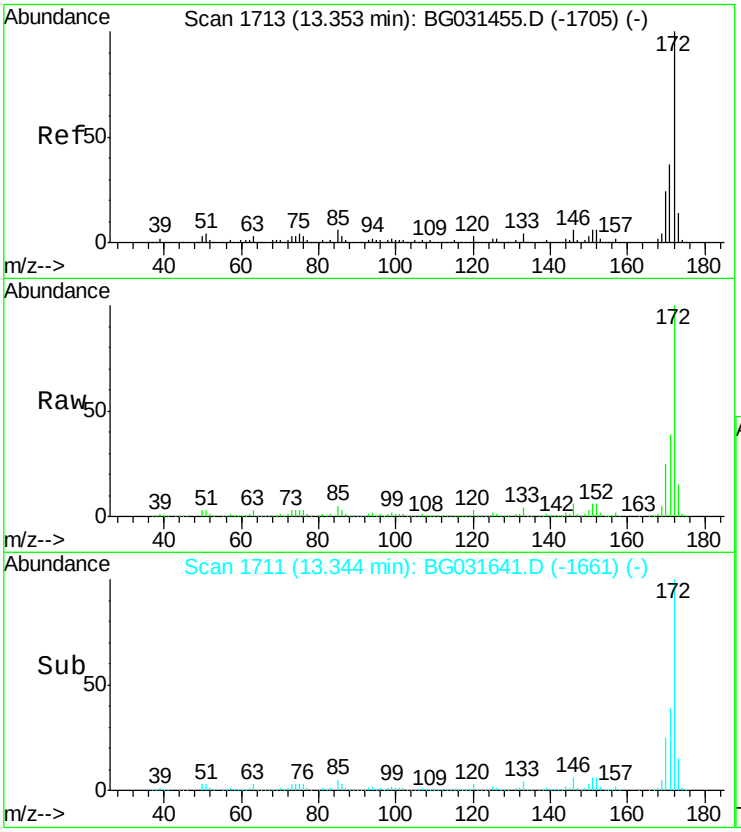


#41
2,4,6-Tribromophenol
Concen: 178.134 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:330 Resp: 420744

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.2	25.2	37.8



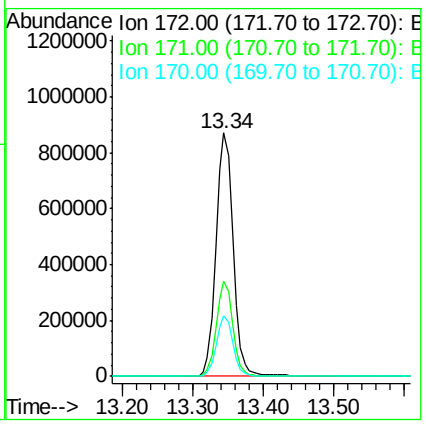


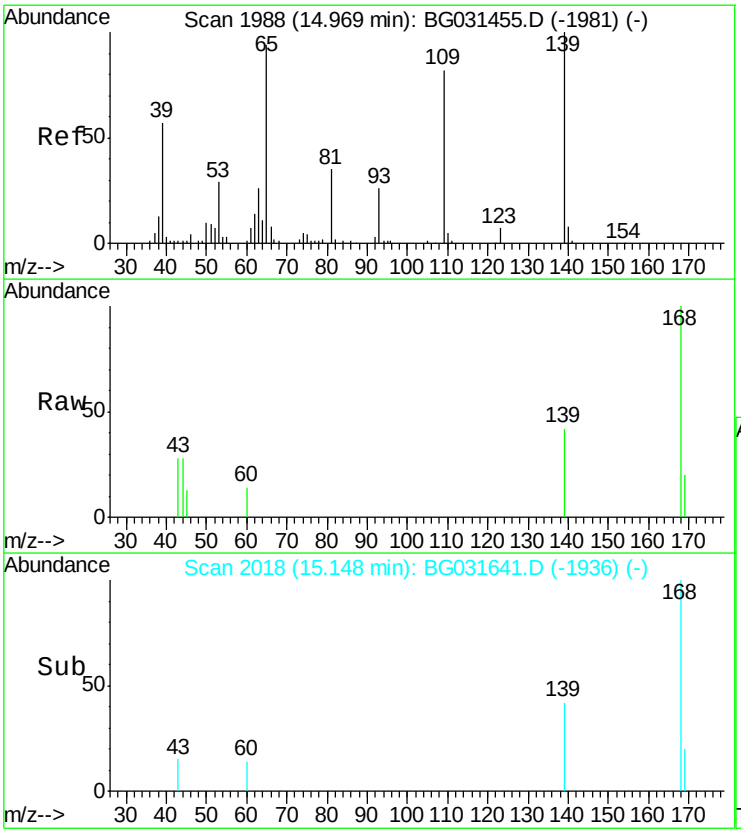
#44
2-Fluorobiphenyl
Concen: 107.017 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1469873

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.0	19.5	29.3

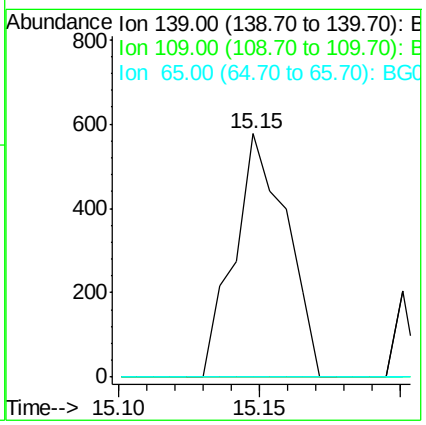


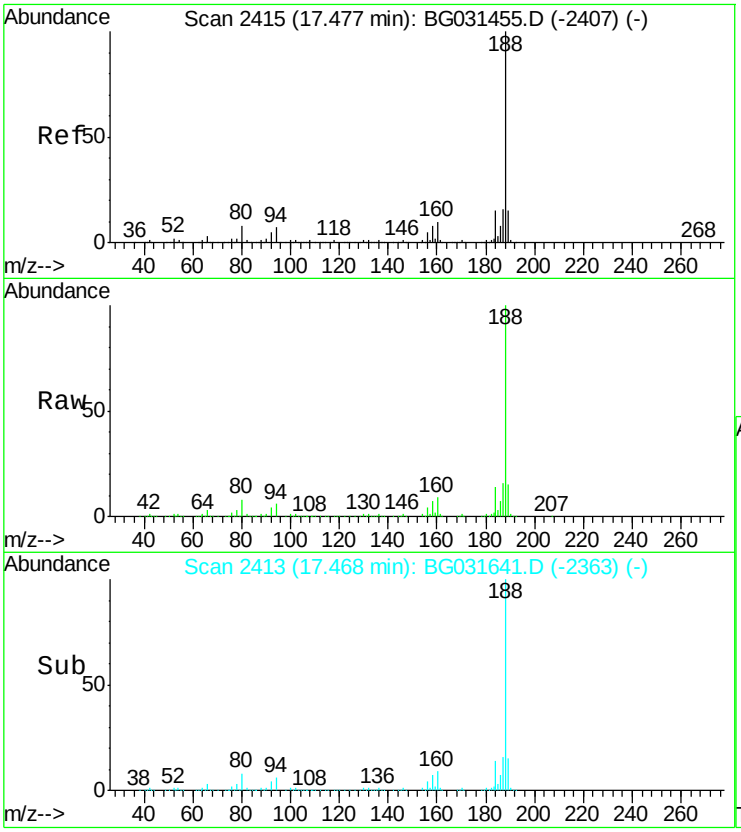


#55
4-Nitrophenol
Concen: 3.832 ng
RT: 15.15 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:139 Resp: 744

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



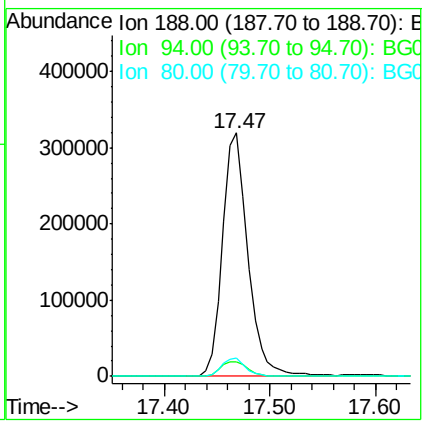


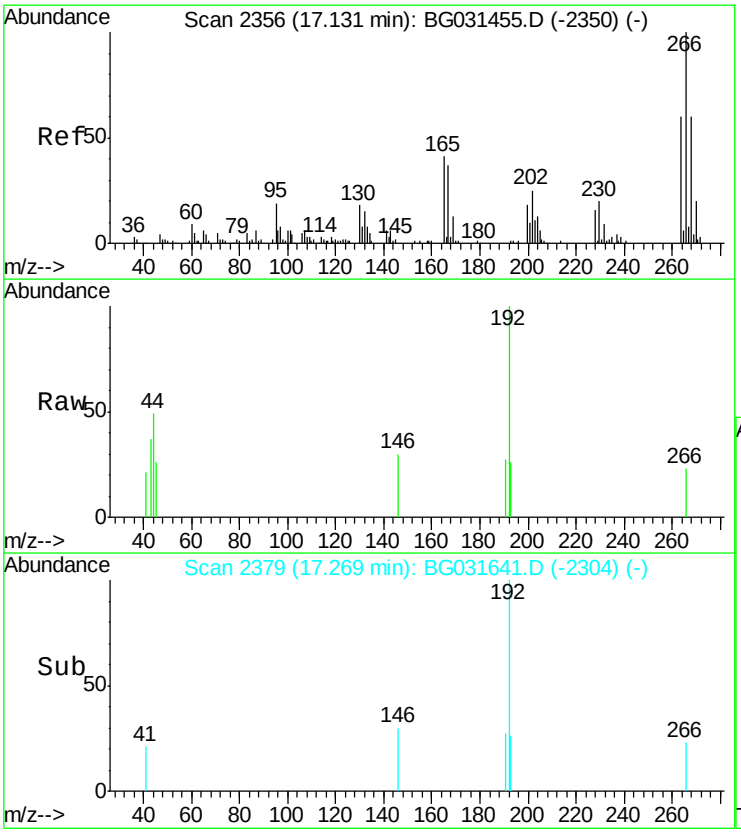
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 532368

Ion	Ratio	Lower	Upper
188	100		
94	6.0	6.9	10.3#
80	7.5	7.7	11.5#

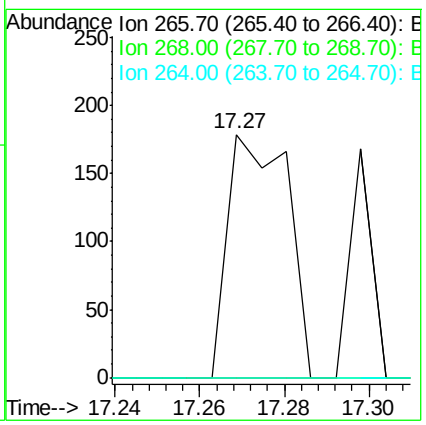


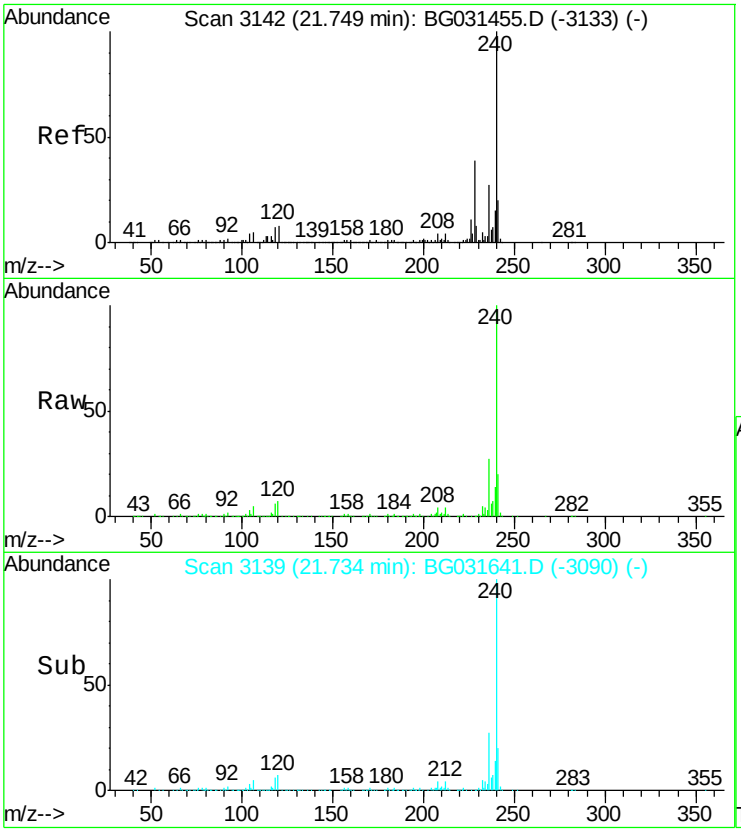


#69
Pentachlorophenol
Concen: 5.715 ng
RT: 17.27 min Scan# 2379
Delta R.T. 0.14 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:266 Resp: 176

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#



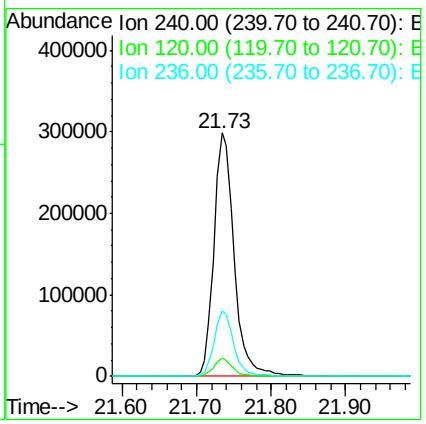


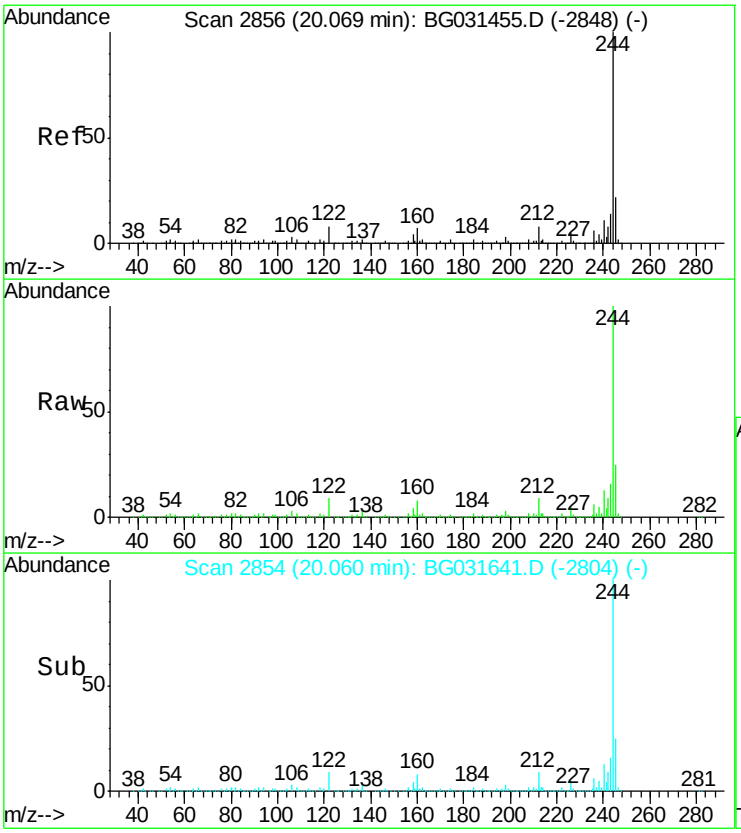
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 560255

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	27.1	20.9	31.3

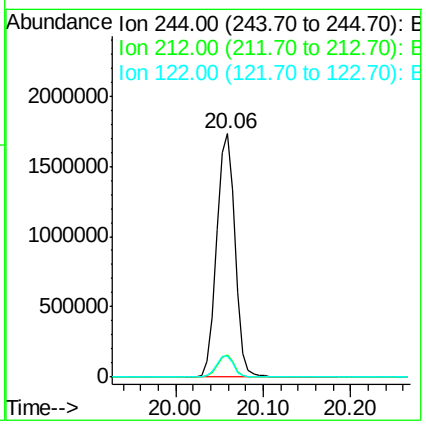


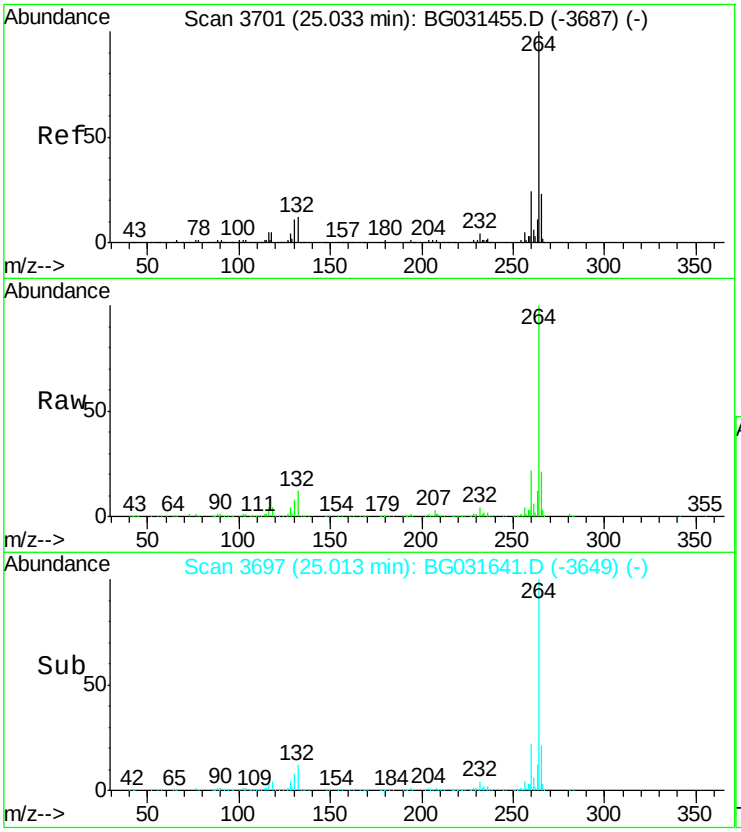


#78
Terphenyl-d14
Concen: 102.503 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Tgt Ion:244 Resp: 2524113

Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	8.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031641.D
Acq: 18 Dec 2017 19:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 477913

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.5	17.7	26.5