Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121817\
Data File : BG031650.D
Acq On : 19 Dec 2017 1:14
Operator : SJ/JU
Sample : I6919-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 19 07:07:12 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	70642	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	304255	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	199388	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	528013	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	555565	20.00	ng		-0.01
86) Perylene-d12	25.02	264	485405	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	606367	152.15	ng		0.00
7) Phenol-d6	7.27	99	698514	126.25	ng		0.00
23) Nitrobenzene-d5	9.27	82	504081	102.12	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	417654	178.80	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1457056	107.27	ng		0.00
78) Terphenyl-d14	20.06	244	2564328	105.01	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.97	128	97880	6.548	ng		97
55) 4-Nitrophenol	15.14	139	1928	4.301	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.89	198	72	4.929	ng	#	29

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

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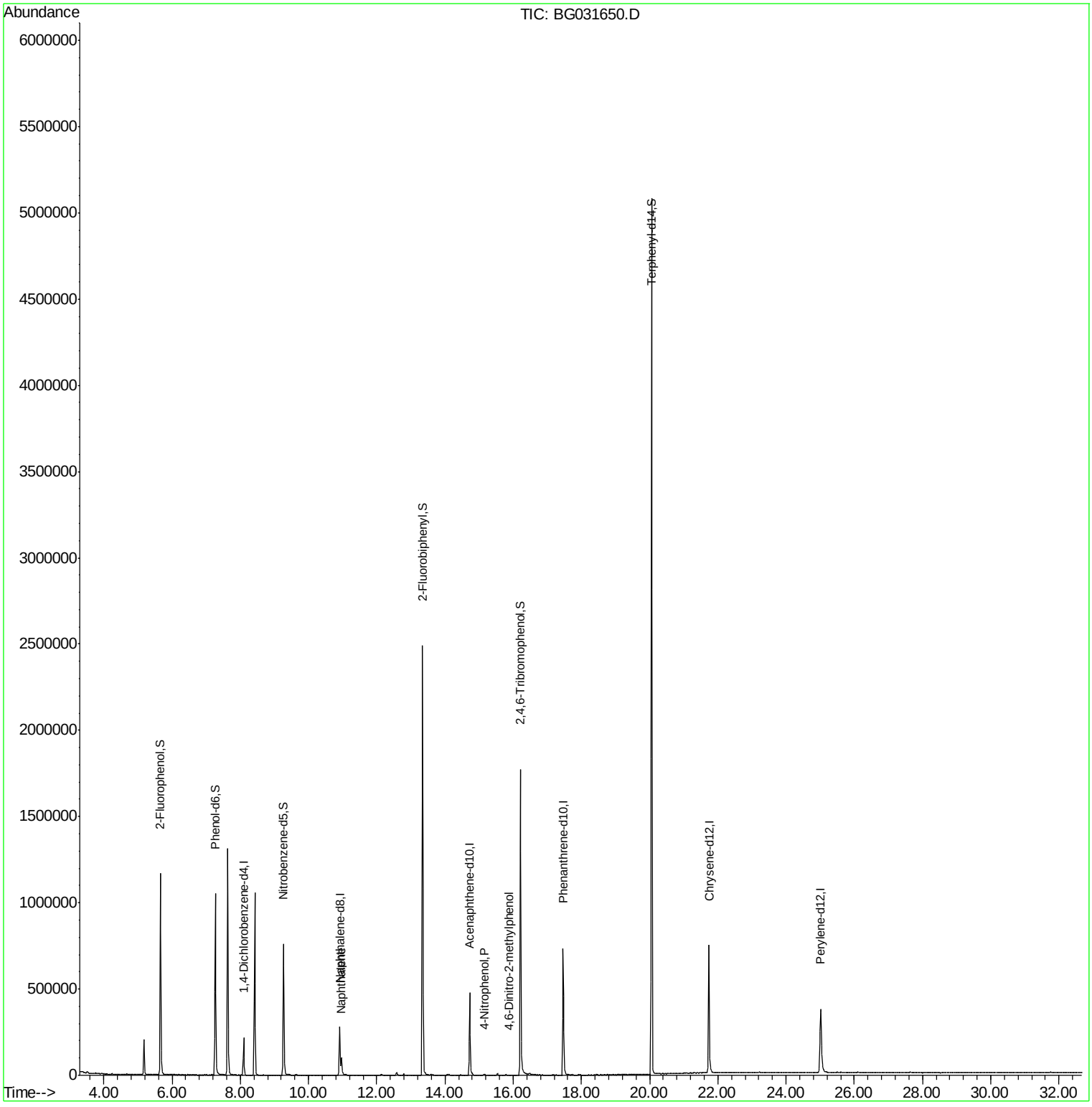
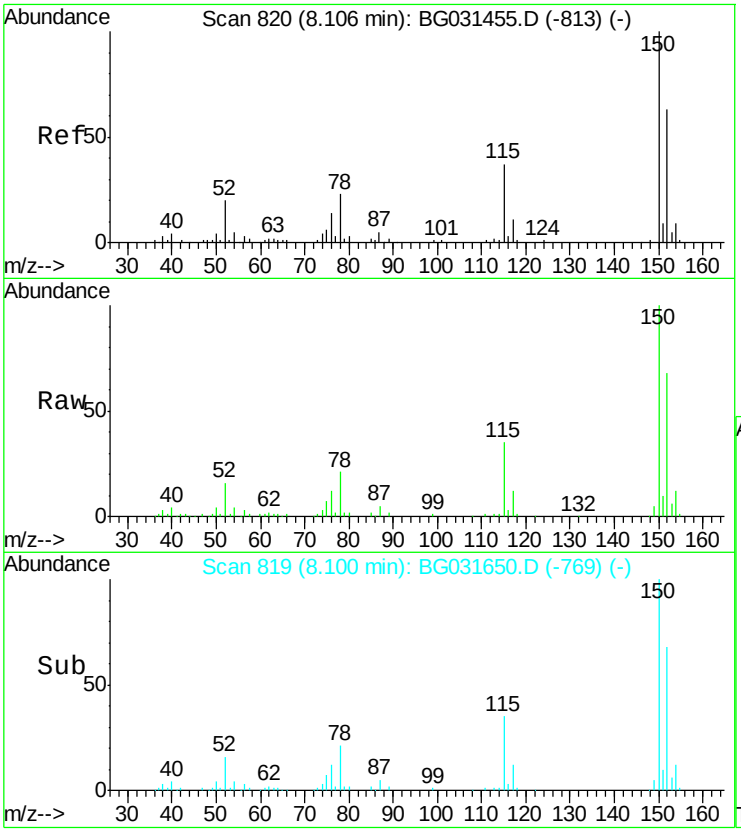


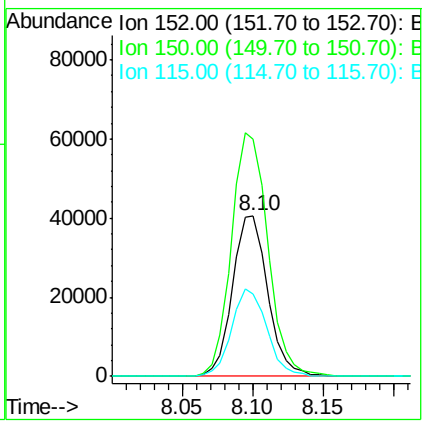


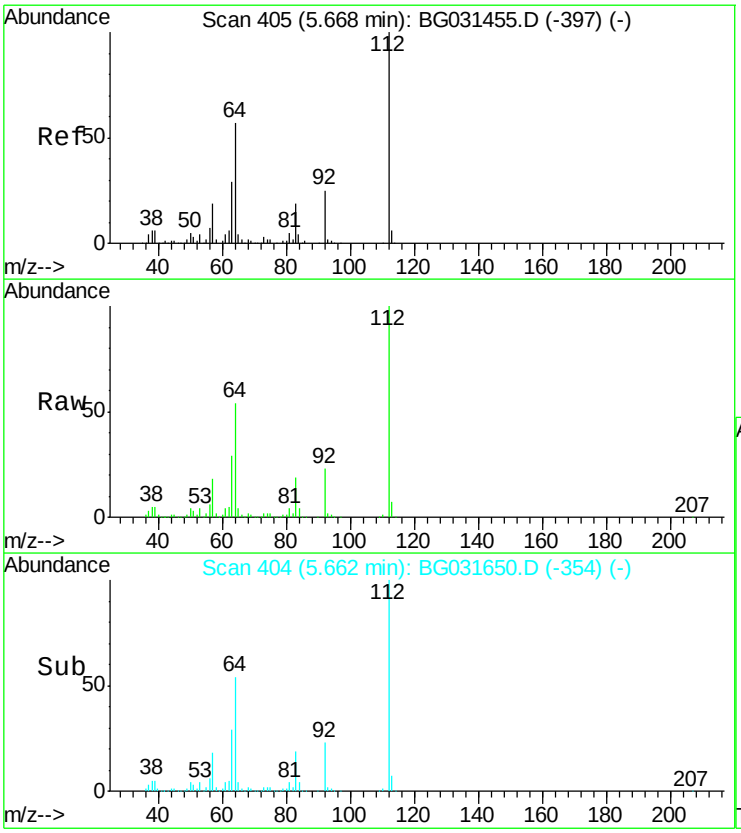
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70642

Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	51.5	53.0	79.4#

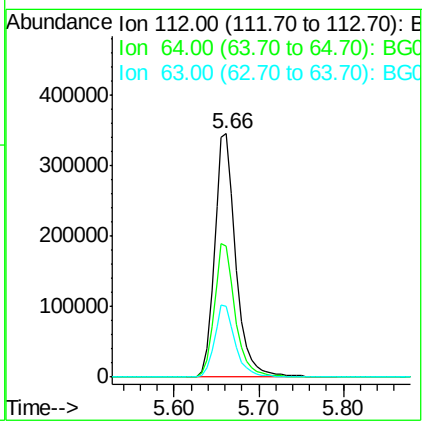


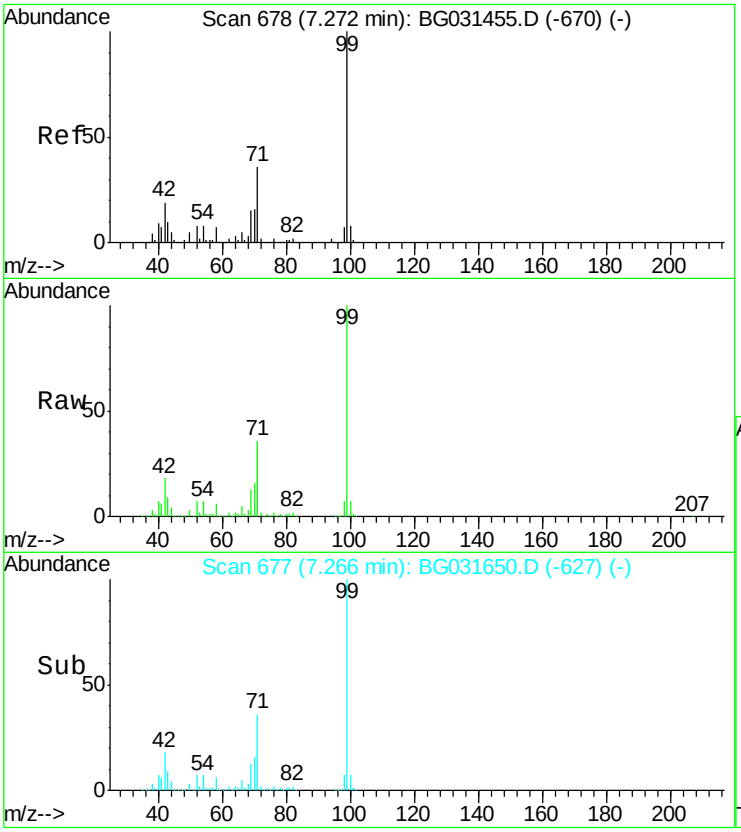


#5
2-Fluorophenol
Concen: 152.147 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:112 Resp: 606367

Ion	Ratio	Lower	Upper
112	100		
64	53.6	56.3	84.5#
63	29.2	30.1	45.1#



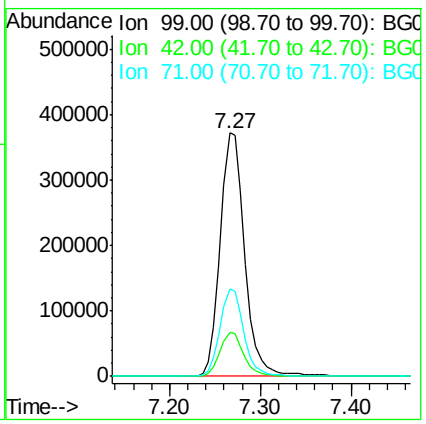


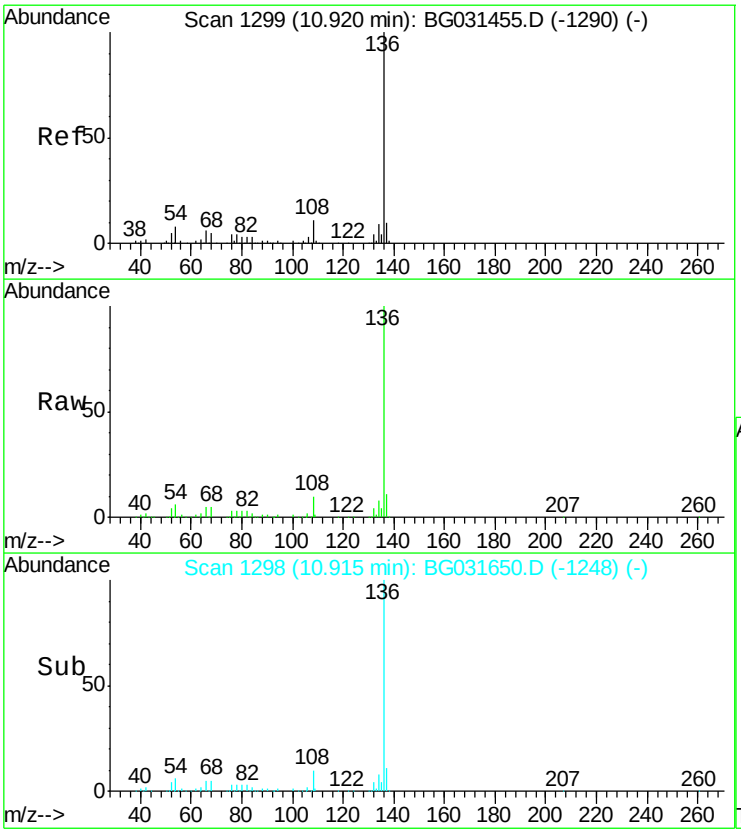
#7
Phenol-d6
Concen: 126.253 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 698514

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	35.7	26.1	39.1

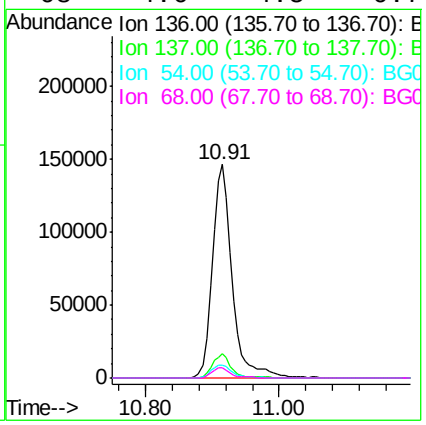


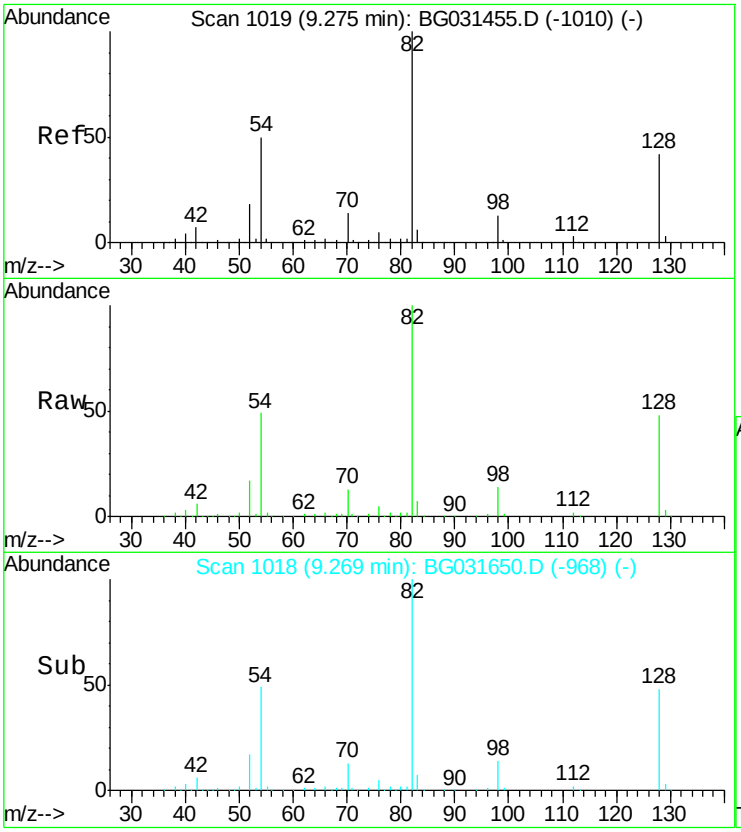


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:136 Resp: 304255

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.3	10.3	15.5#
68	4.6	4.5	6.7



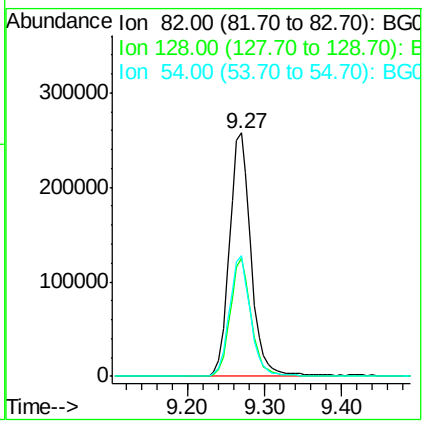


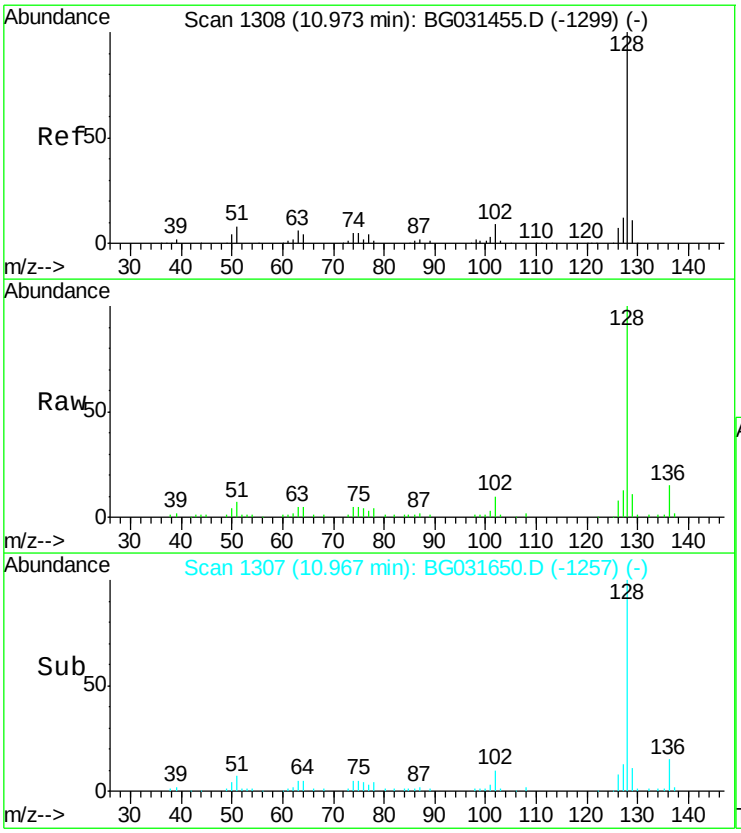
#23
Nitrobenzene-d5
Concen: 102.118 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 504081

Ion	Ratio	Lower	Upper
82	100		
128	48.3	29.7	44.5#
54	49.3	43.1	64.7

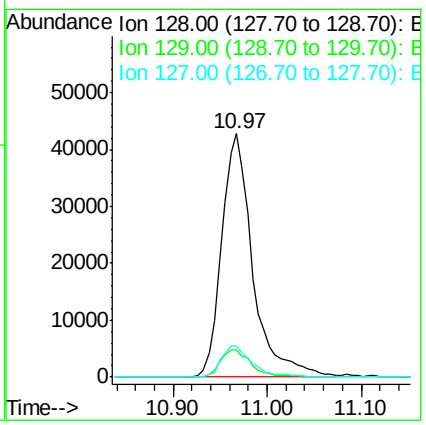


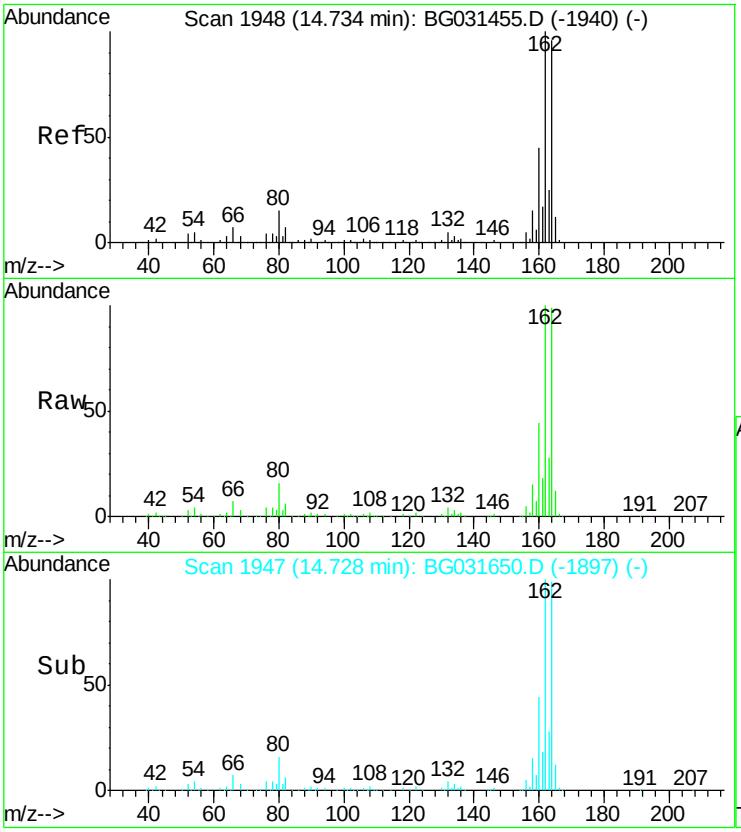


#31
Naphthalene
Concen: 6.548 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:128 Resp: 97880

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.8	11.6	17.4



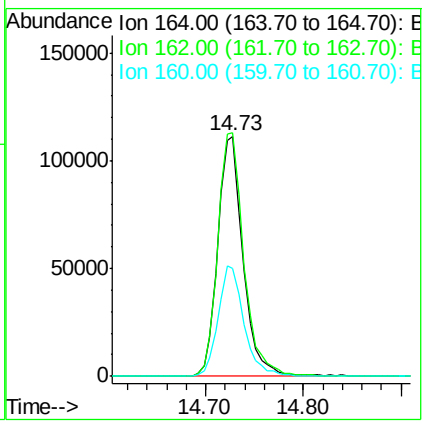


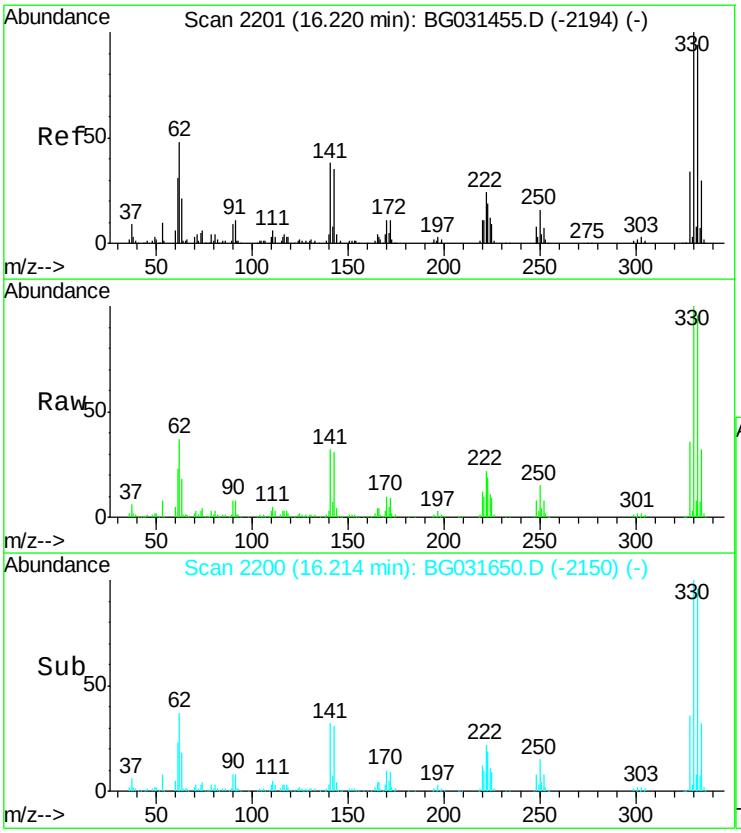
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 199388

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	44.9	35.4	53.0

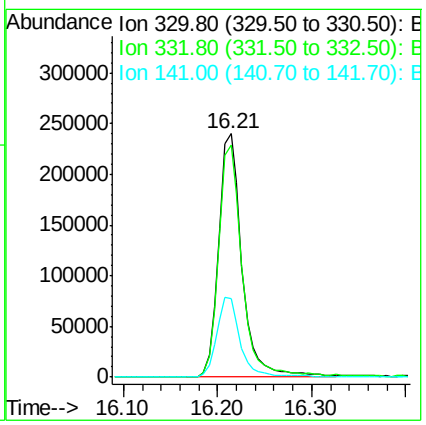


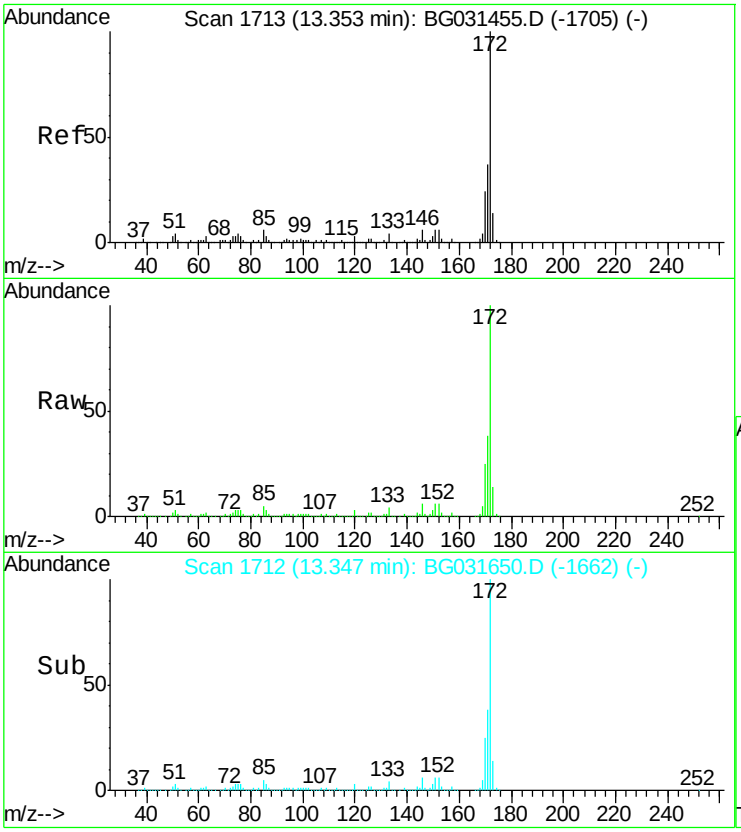


#41
2,4,6-Tribromophenol
Concen: 178.797 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:330 Resp: 417654

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	33.1	25.2	37.8



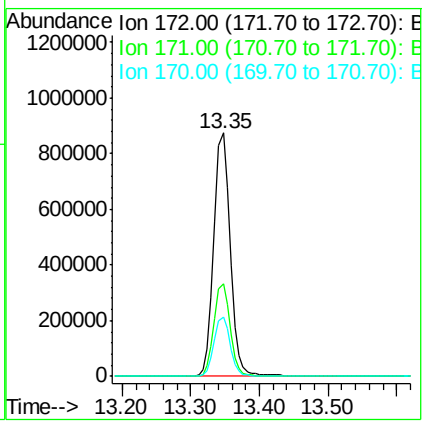


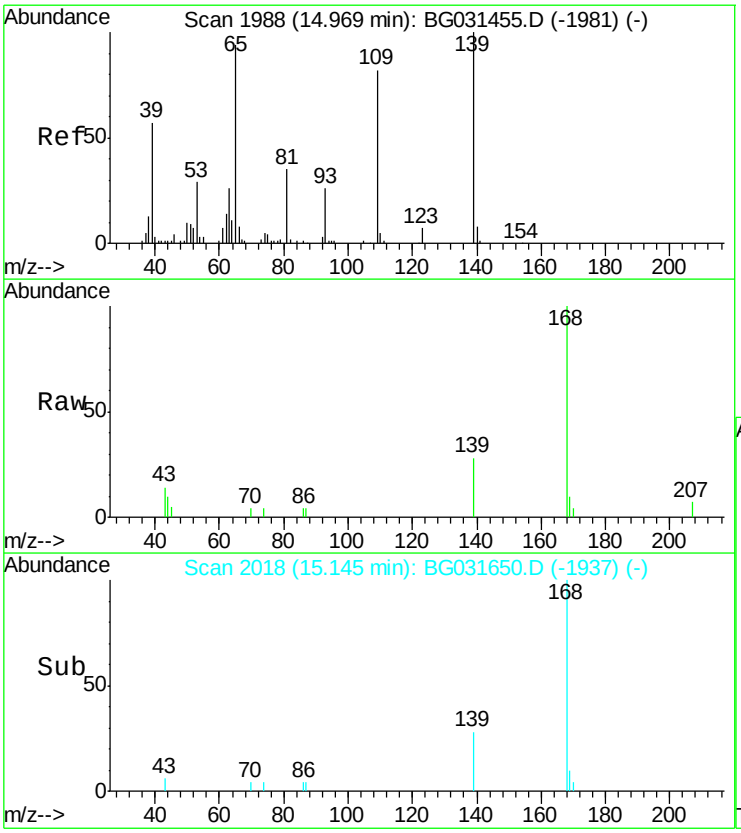
#44
2-Fluorobiphenyl
Concen: 107.267 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1457056

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.6	19.5	29.3

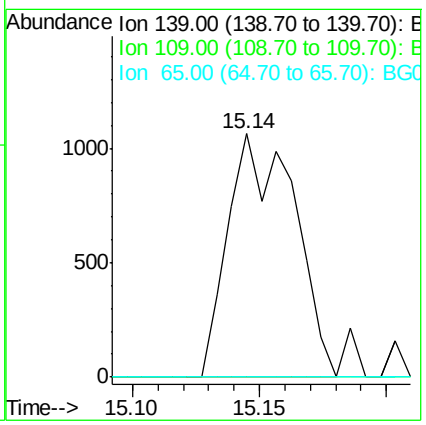


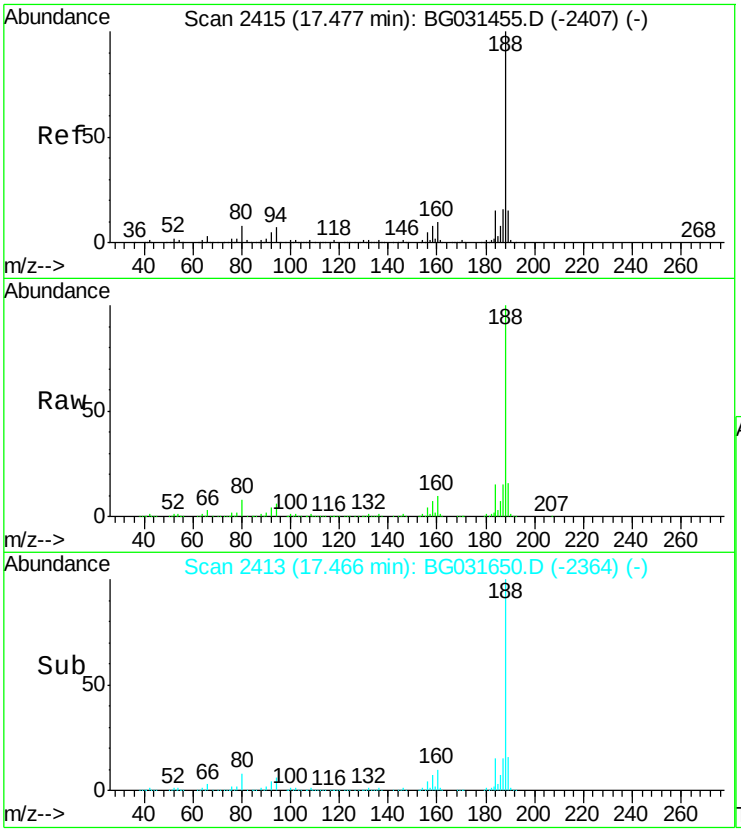


#55
4-Nitrophenol
Concen: 4.301 ng
RT: 15.14 min Scan# 2018
Delta R.T. 0.18 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:139 Resp: 1928

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



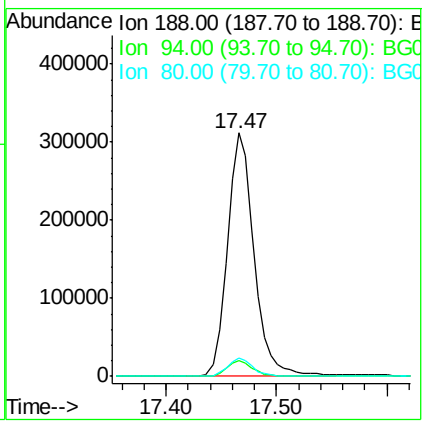


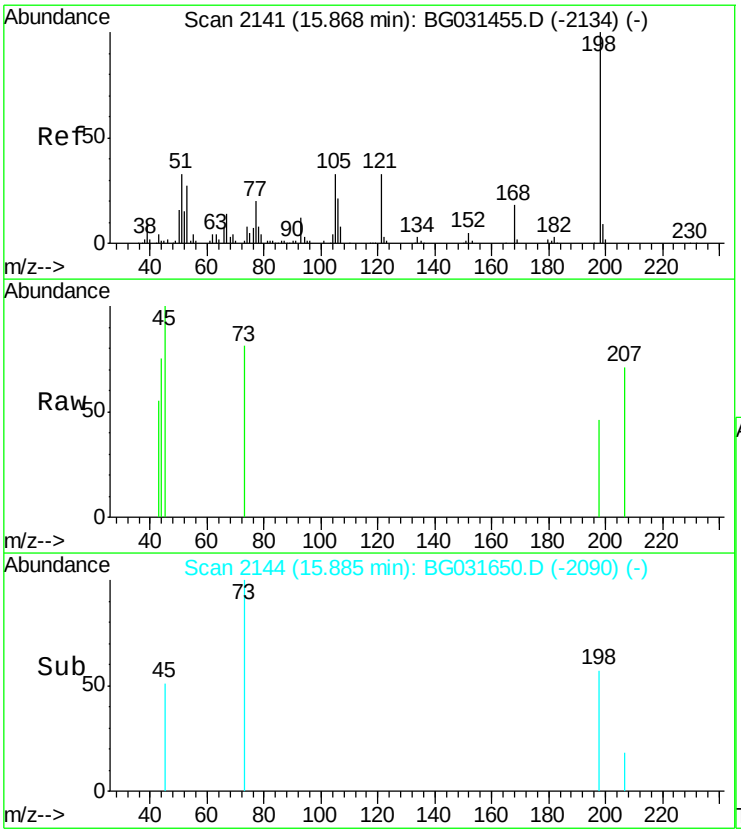
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 528013

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.6	7.7	11.5#

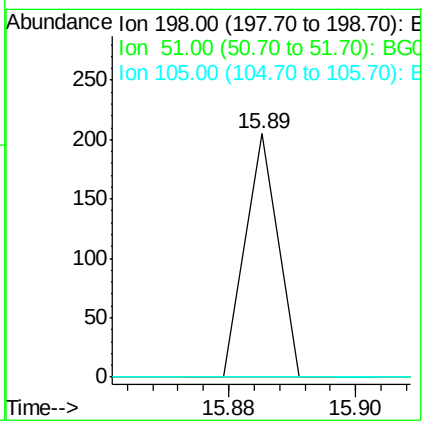


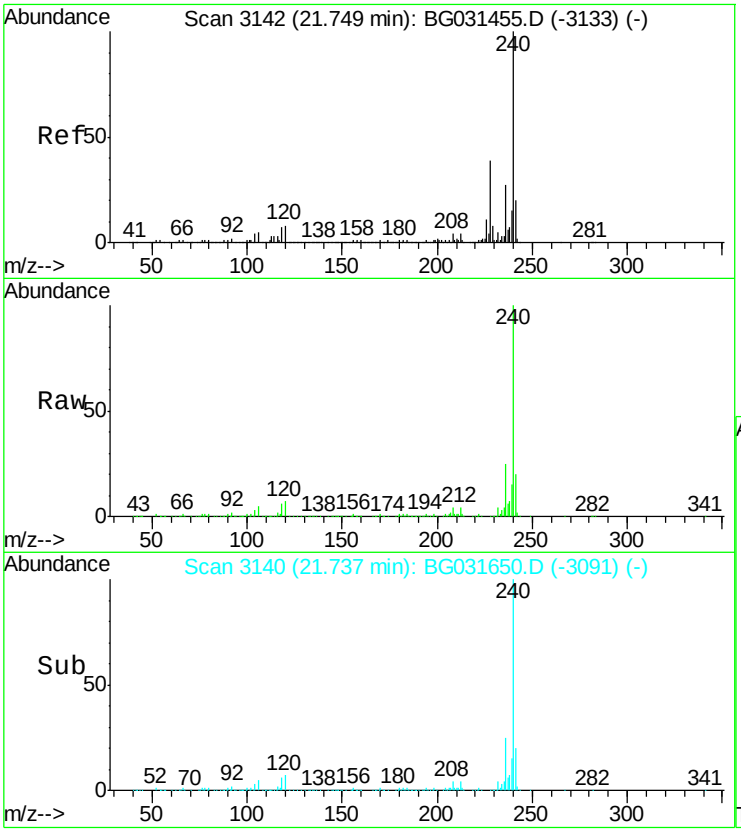


#64
4,6-Dinitro-2-methylphenol
Concen: 4.929 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.02 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:198 Resp: 72

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



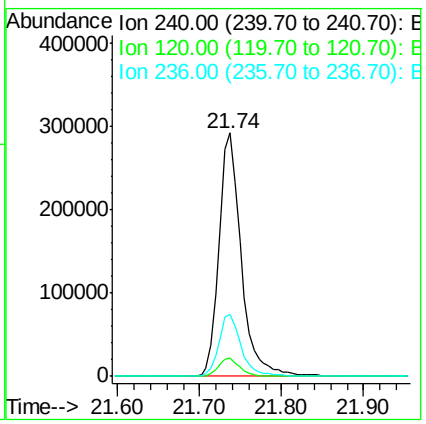


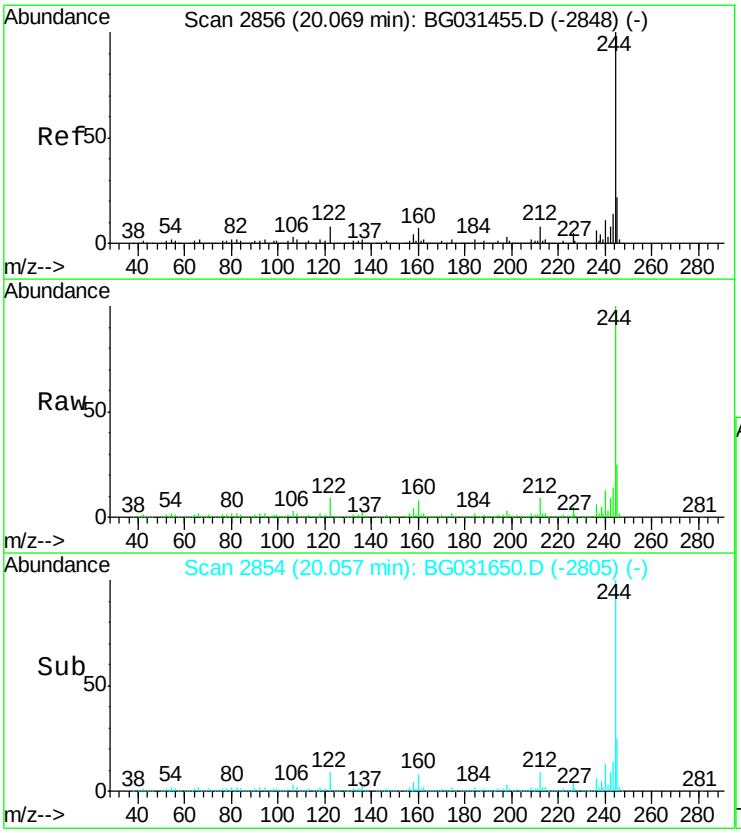
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 555565

Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.8	10.2
236	25.3	20.9	31.3

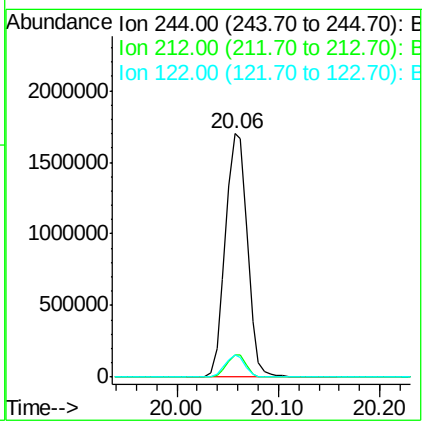


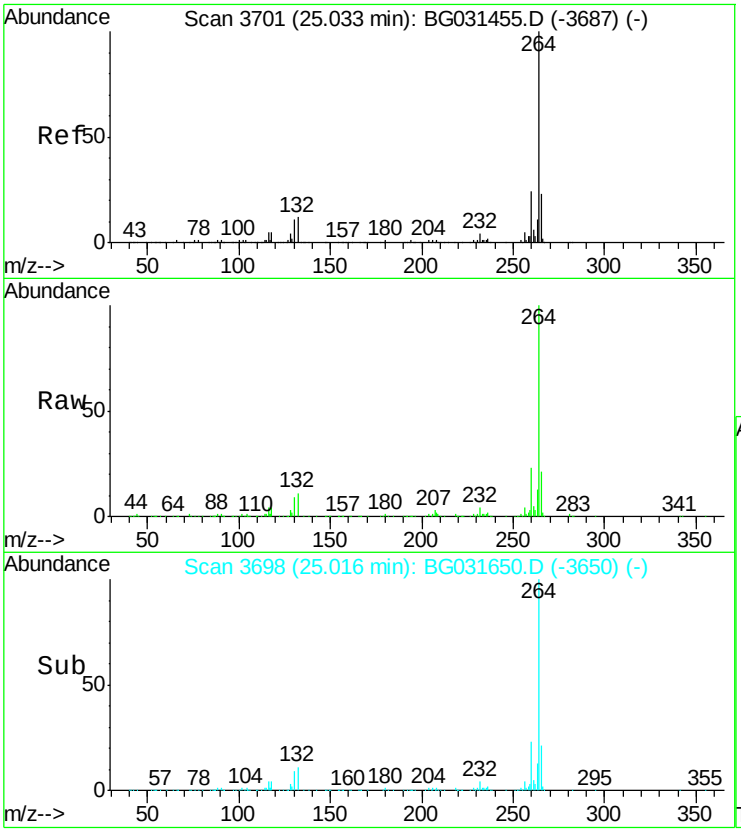


#78
Terphenyl-d14
Concen: 105.015 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Tgt Ion:244 Resp: 2564328

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	9.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031650.D
Acq: 19 Dec 2017 1:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 485405

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.7	17.7	26.5