Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121317\
Data File : BG031555.D
Acq On : 14 Dec 2017 8:15
Operator : SJ/JU
Sample : I6817-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 14 09:49:33 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	8.11	152	48051	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	200826	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153079	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	472435	20.00	ng	0.00
75) Chrysene-d12	21.74	240	566174	20.00	ng	0.00
86) Perylene-d12	25.03	264	544167	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	113515	41.87	ng	0.00
7) Phenol-d6	7.28	99	92431	24.56	ng	0.01
23) Nitrobenzene-d5	9.28	82	287179	88.14	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	193913	108.13	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	949854	91.08	ng	0.00
78) Terphenyl-d14	20.07	244	1910703	76.78	ng	0.00
Target Compounds						Qvalue
62) Azobenzene	16.08	77	35474	3.371	ng	# 1

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

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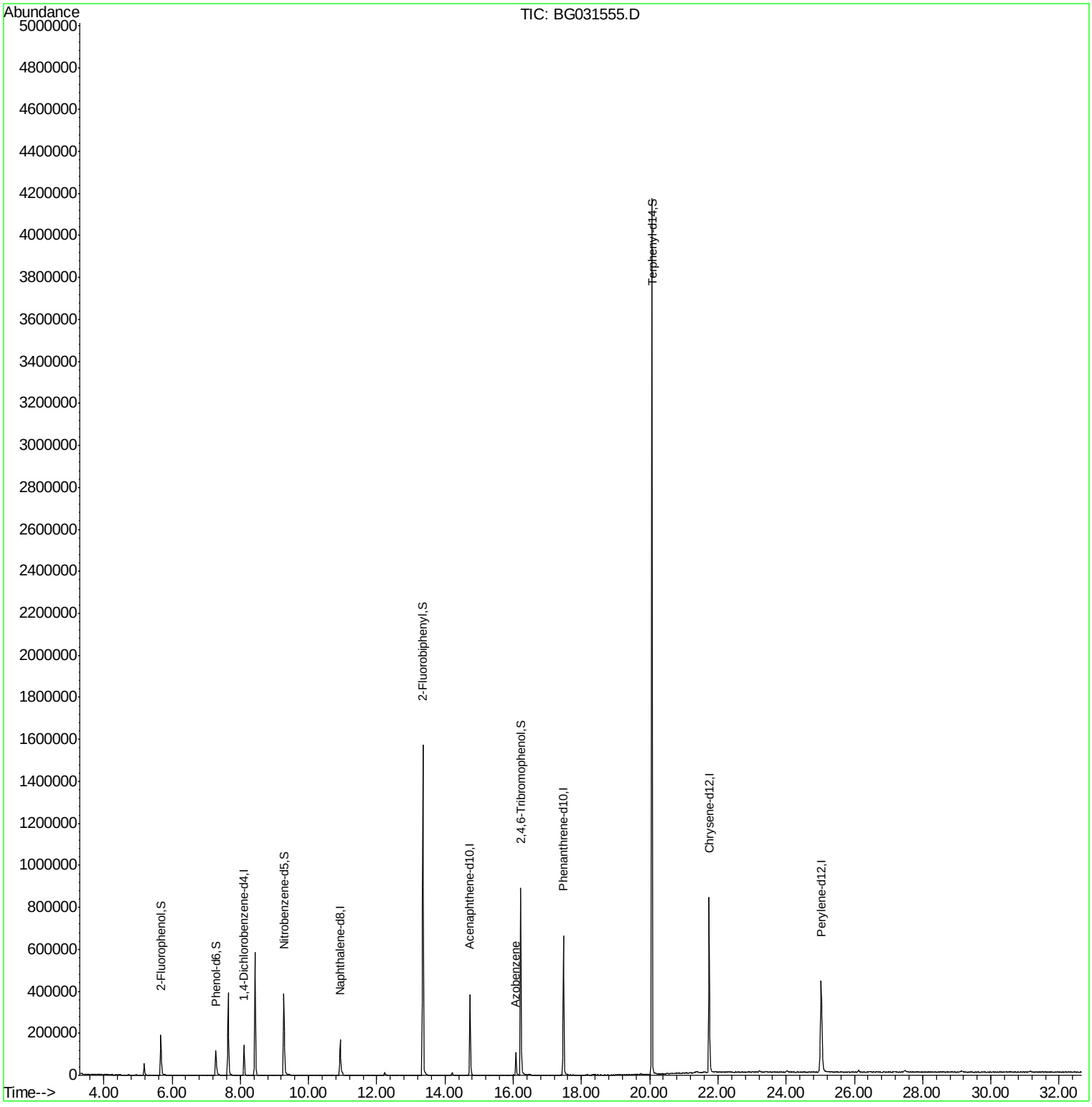
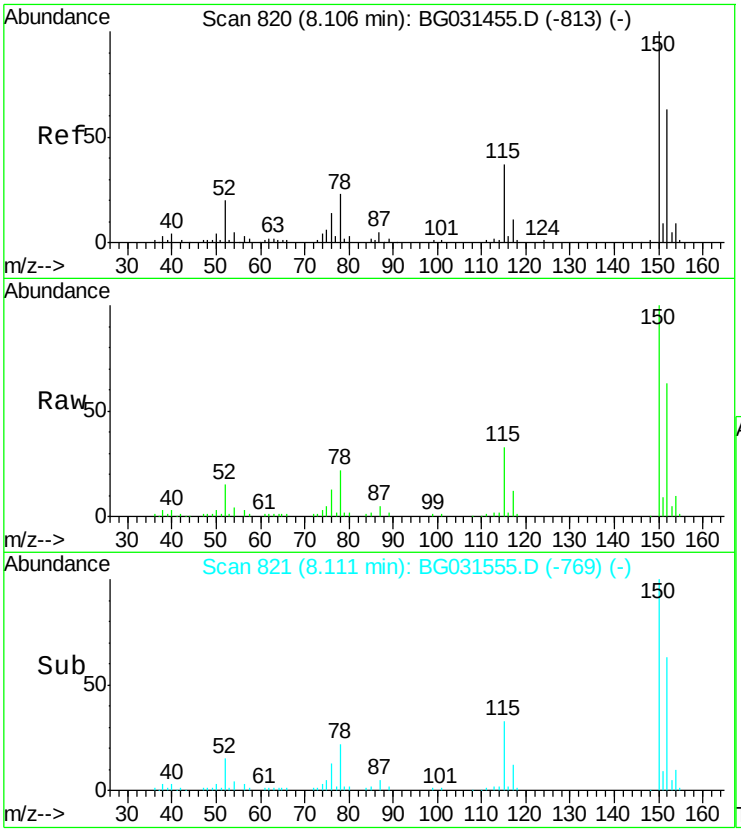


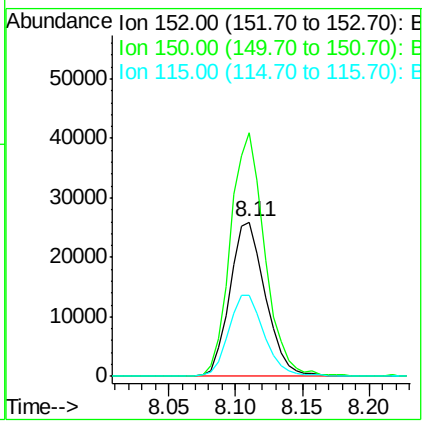


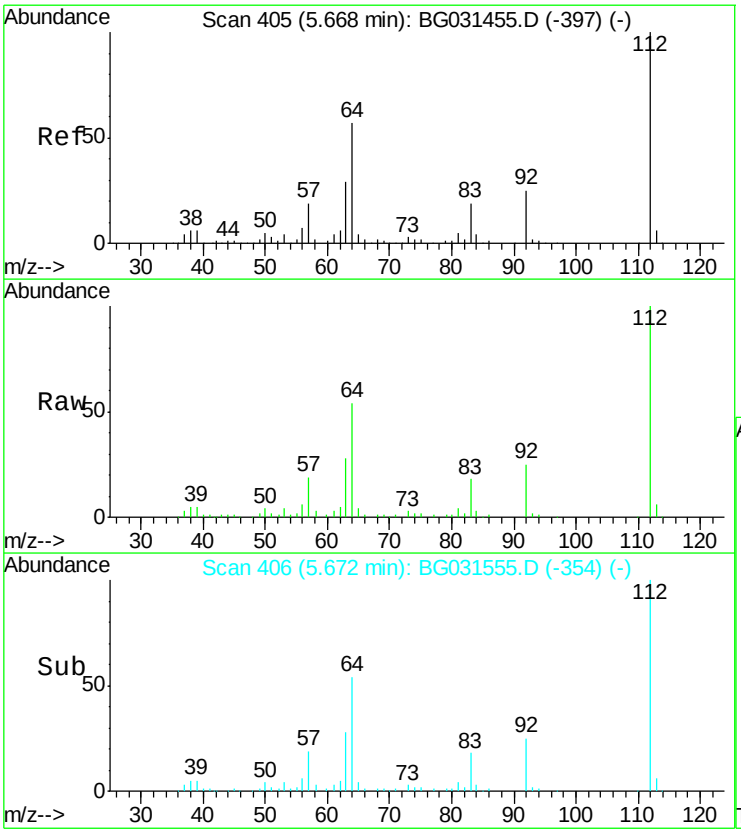
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 48051

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.6	189.8
115	52.9	53.0	79.4#

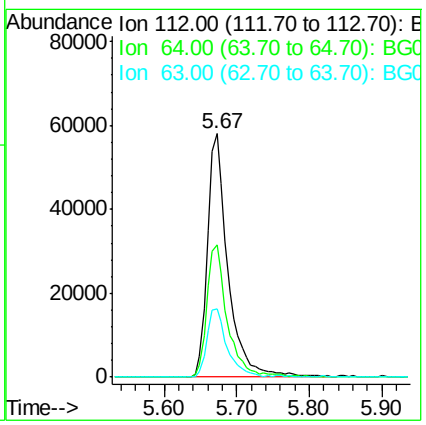


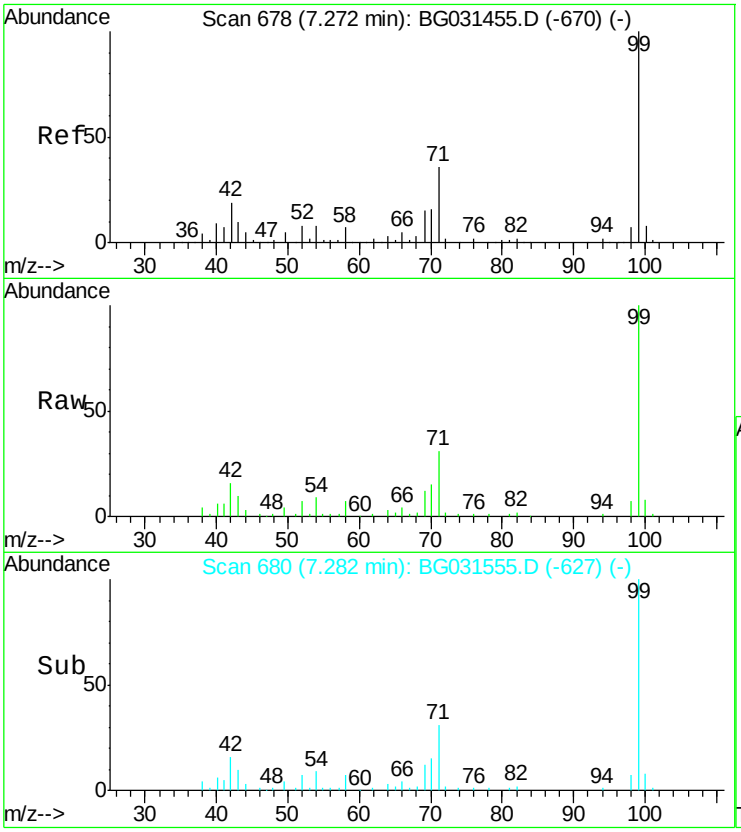


#5
2-Fluorophenol
Concen: 41.874 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:112 Resp: 113515

Ion	Ratio	Lower	Upper
112	100		
64	54.2	56.3	84.5#
63	27.8	30.1	45.1#



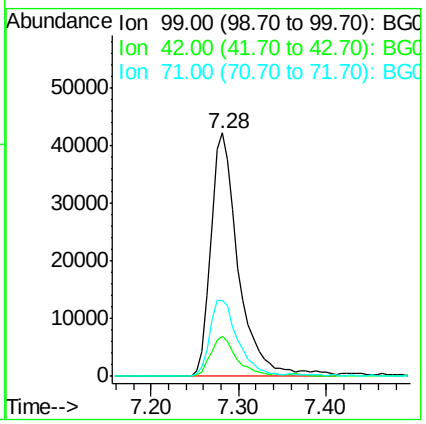


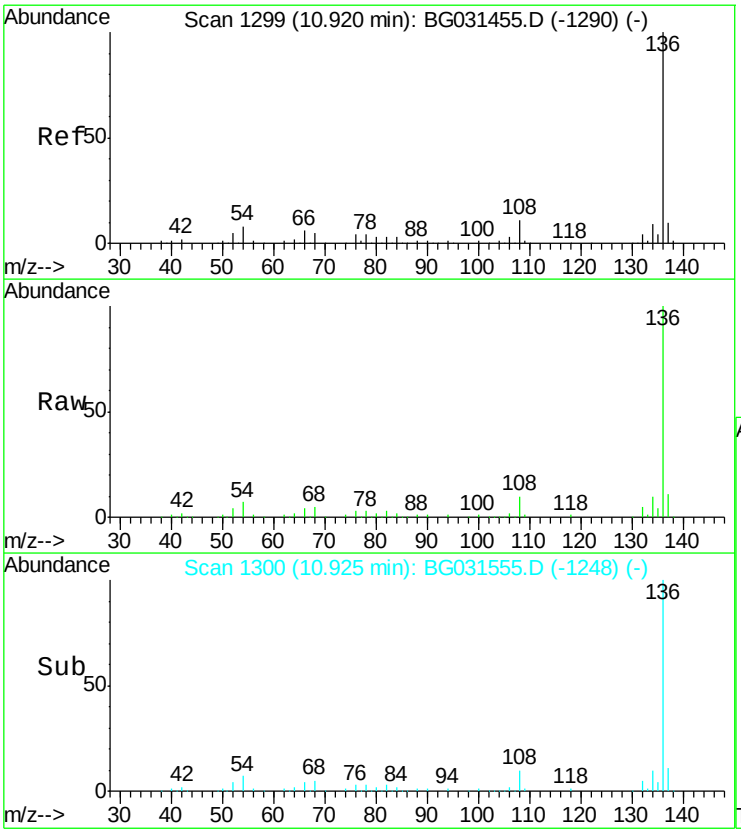
#7
Phenol-d6
Concen: 24.561 ng
RT: 7.28 min Scan# 680
Delta R.T. 0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 92431

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.1	21.1
71	31.3	26.1	39.1

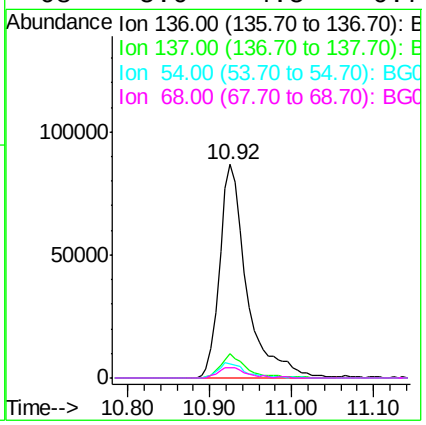


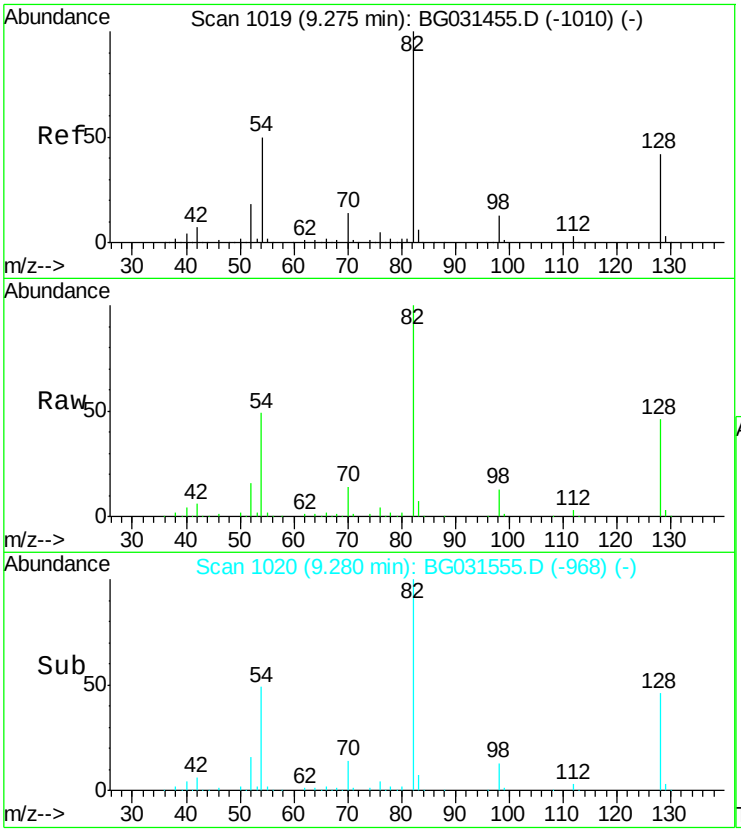


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:136 Resp: 200826

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.9	10.3	15.5#
68	5.0	4.5	6.7



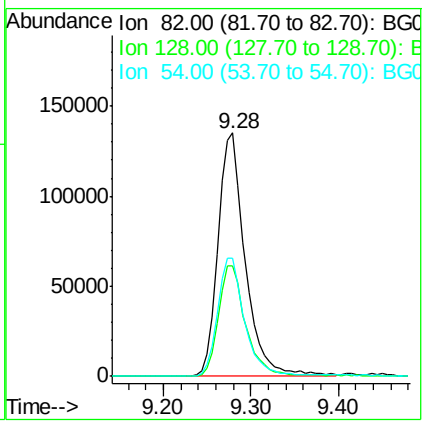


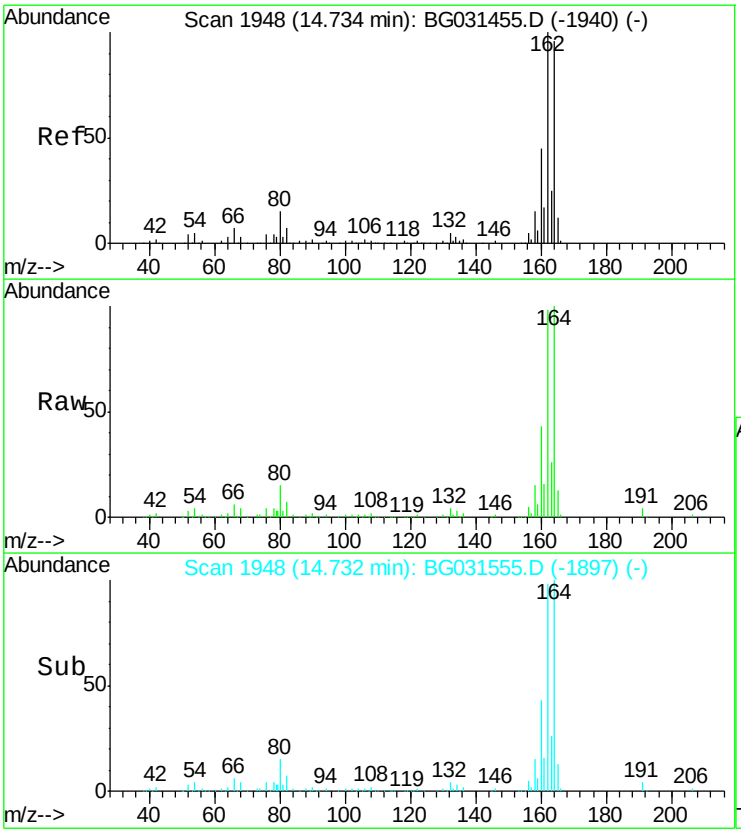
#23
Nitrobenzene-d5
Concen: 88.140 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 287179

Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	48.5	43.1	64.7

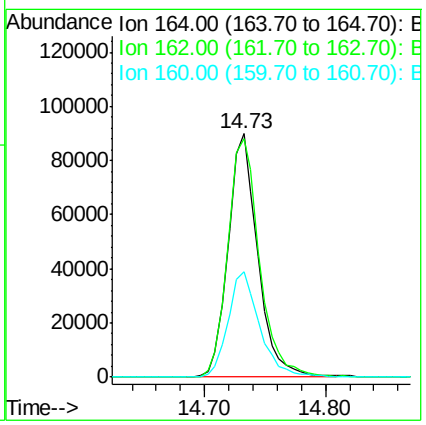


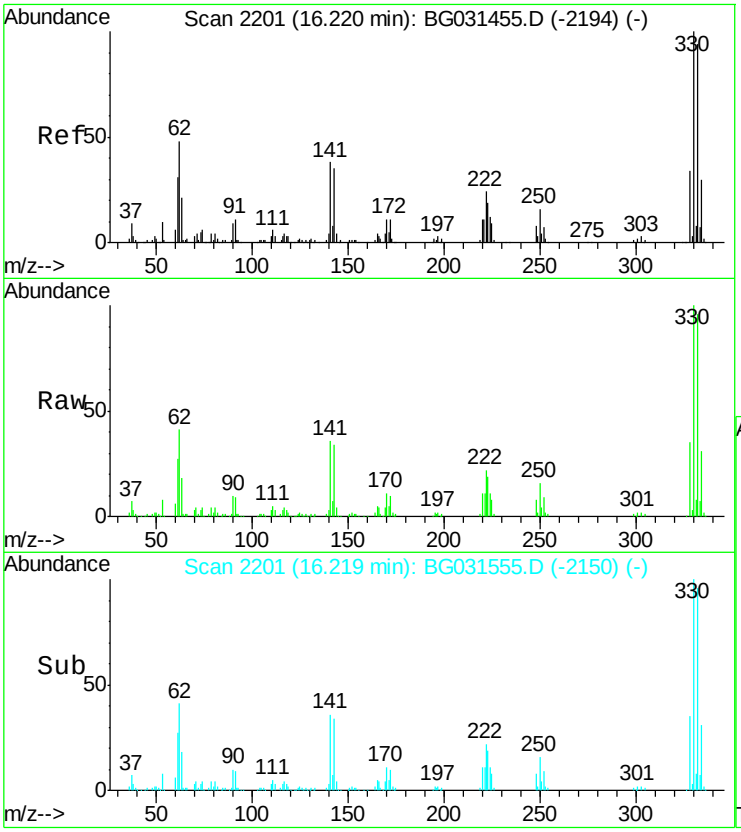


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:164 Resp: 153079

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	43.5	35.4	53.0



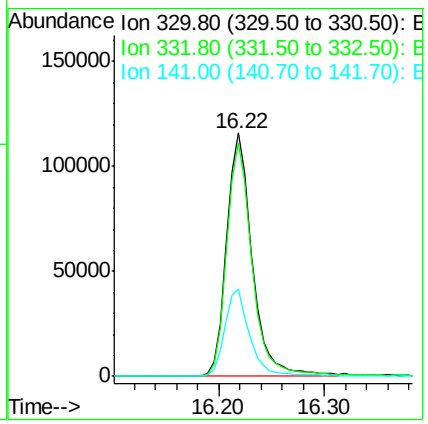


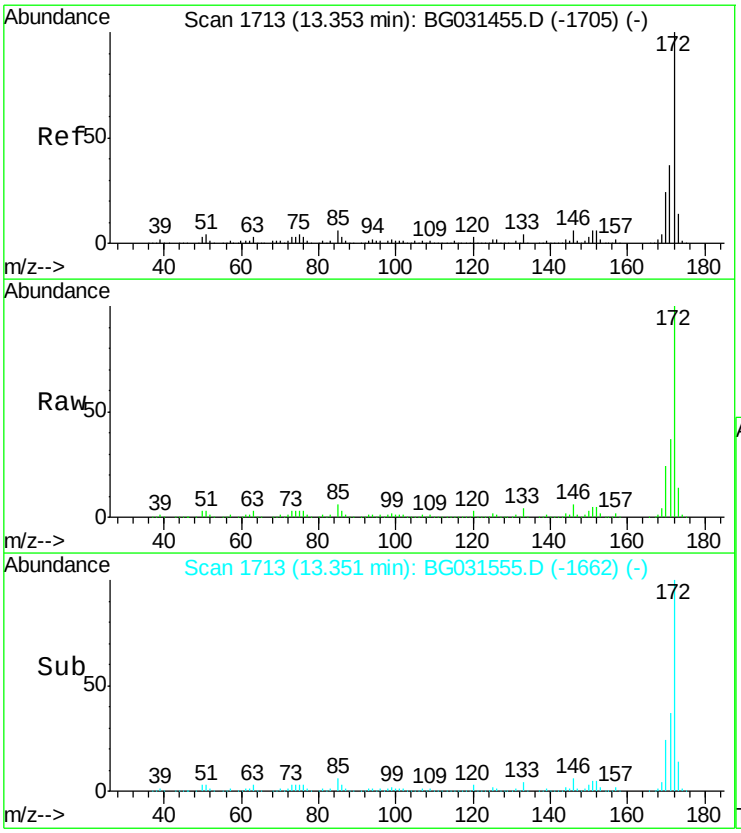
#41
2,4,6-Tribromophenol
Concen: 108.127 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 193913

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	25.2	37.8

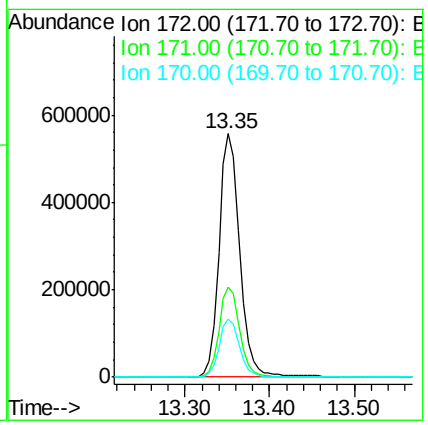


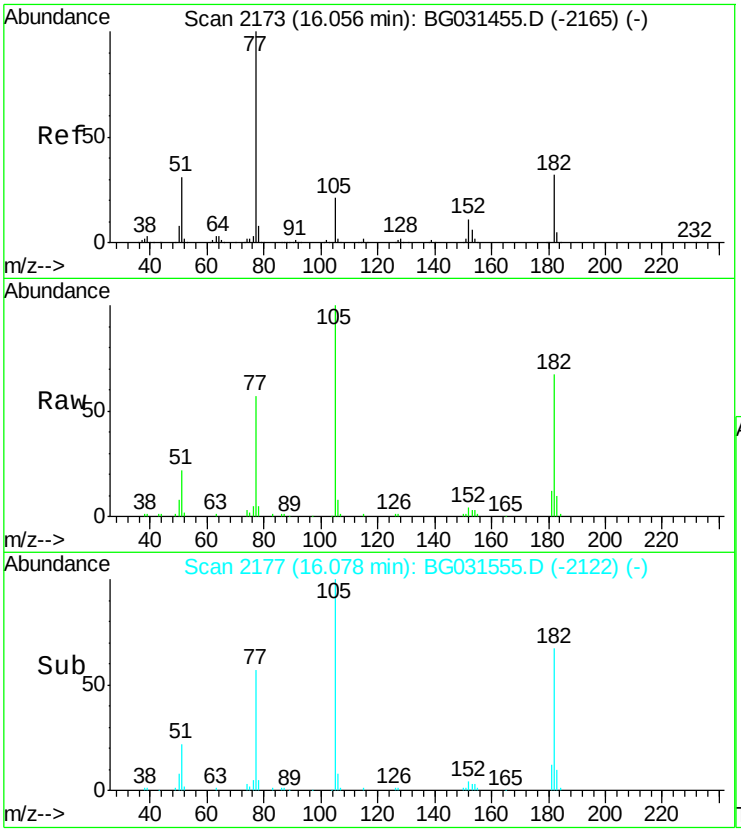


#44
2-Fluorobiphenyl
Concen: 91.081 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:172 Resp: 949854

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.0	19.5	29.3



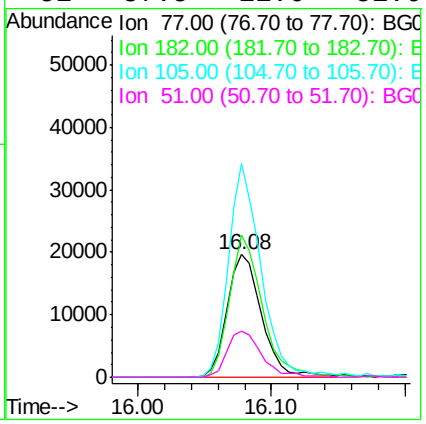


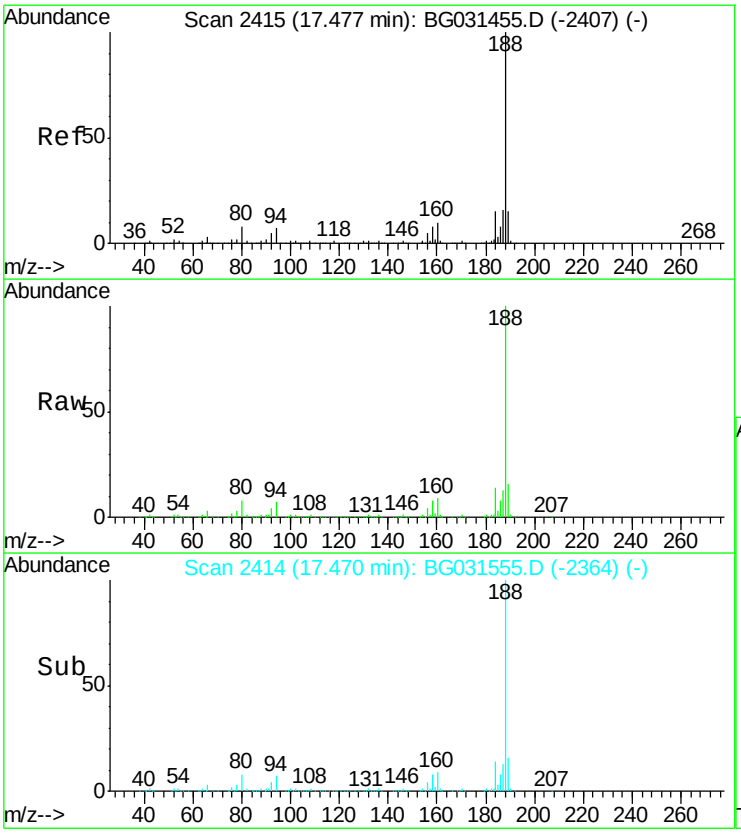
#62
Azobenzene
Concen: 3.371 ng
RT: 16.08 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 35474

Ion	Ratio	Lower	Upper
77	100		
182	115.8	7.4	47.4#
105	174.0	0.3	40.3#
51	37.5	11.6	51.6

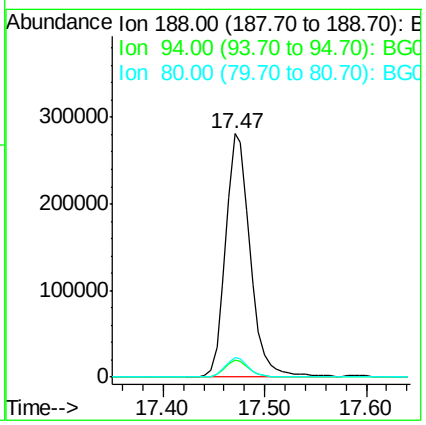


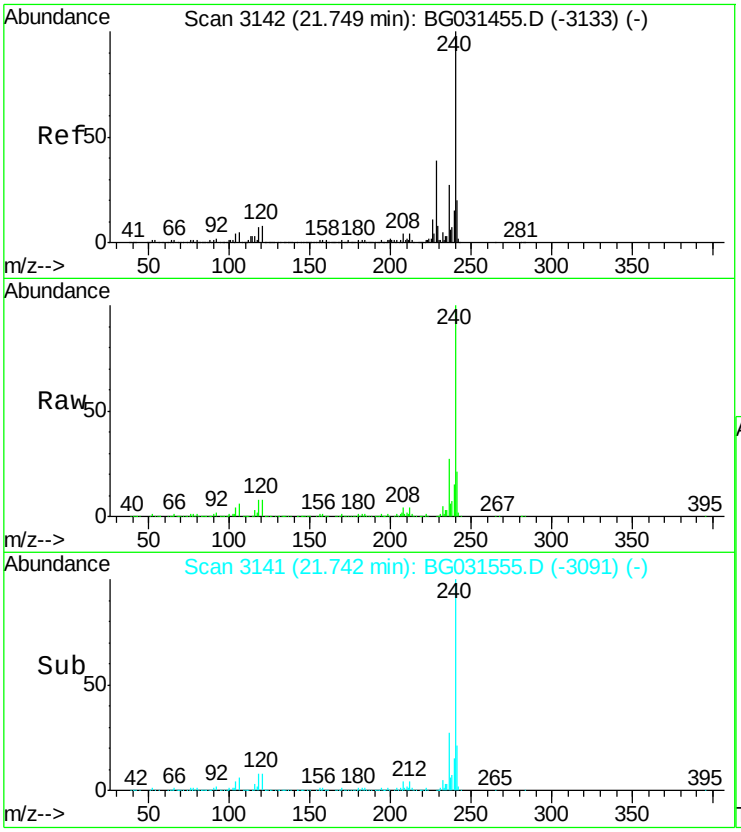


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:188 Resp: 472435

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.8	7.7	11.5



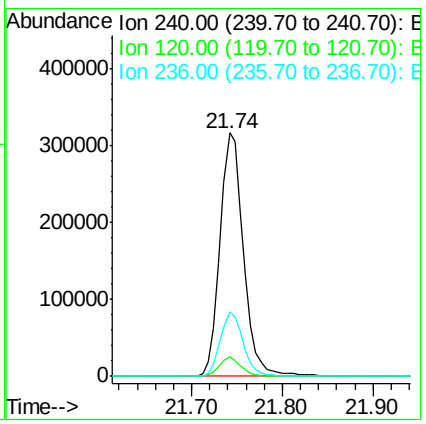


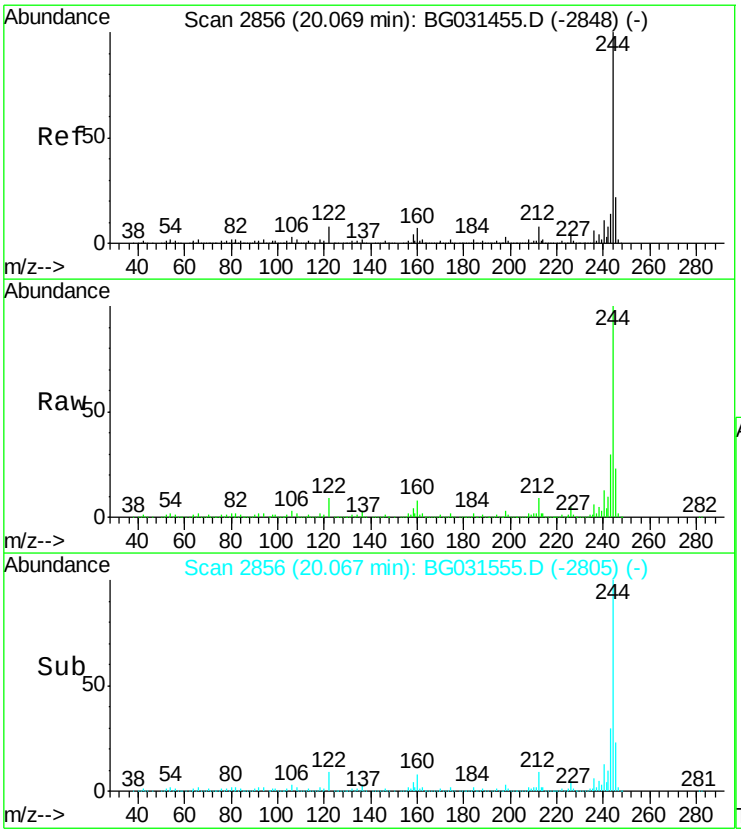
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 566174

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	26.5	20.9	31.3

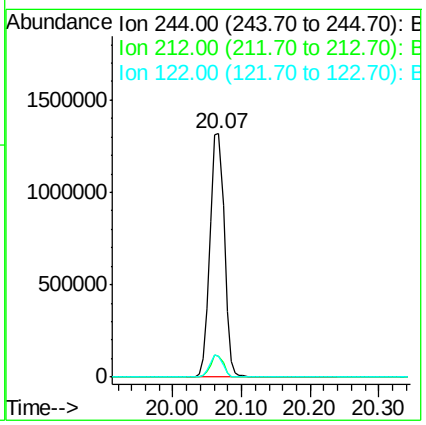


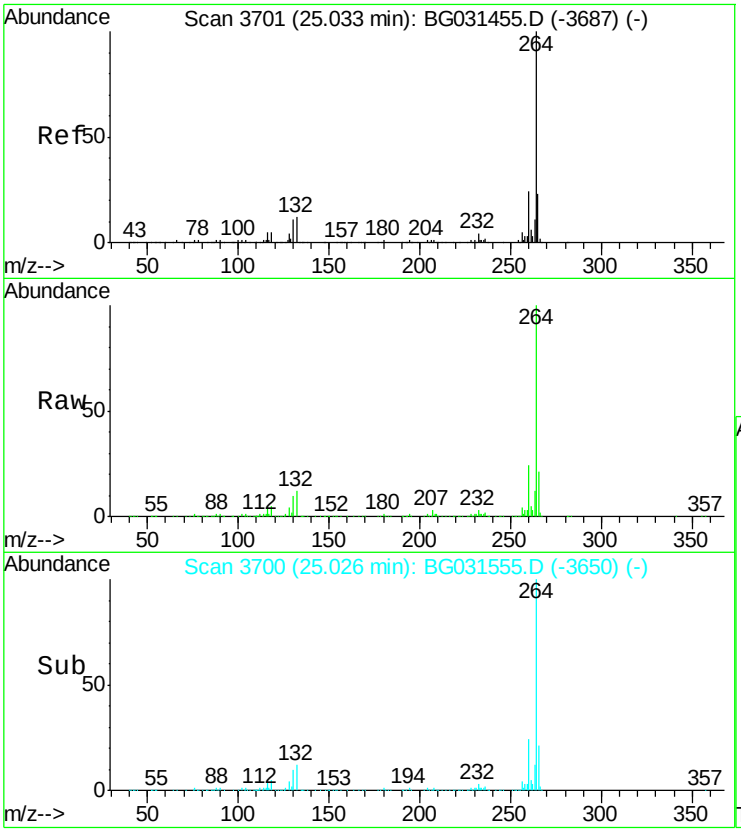


#78
Terphenyl-d14
Concen: 76.781 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Tgt Ion:244 Resp: 1910703

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031555.D
Acq: 14 Dec 2017 8:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 544167

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.3	17.7	26.5