Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 31 03:38:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29978	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	117096	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	79940	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	212592	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261671	20.00	ng	0.00
86) Perylene-d12	26.09	264	280758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	69903	46.84	ng	0.00
7) Phenol-d6	7.83	99	51202	25.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	162650	86.76	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	205856	135.28	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	600285	89.25	ng	0.00
78) Terphenyl-d14	20.62	244	1085358	88.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	1086	2.163	ng	# 1
19) n-Nitroso-di-n-propylamine	9.91	70	23621	17.887	ng	# 75
50) 2,6-Dinitrotoluene	15.35	165	10255	6.629	ng	# 20
56) 2,4-Dinitrotoluene	15.35	165	10255	4.656	ng	# 18
66) 4-Bromophenyl-phenylether	16.82	248	16192	5.141	ng	# 1
76) Benzidine	20.62	184	15098	2.938	ng	# 94
83) Bis(2-ethylhexyl)phthalate	22.23	149	164287	22.888	ng	# 97

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

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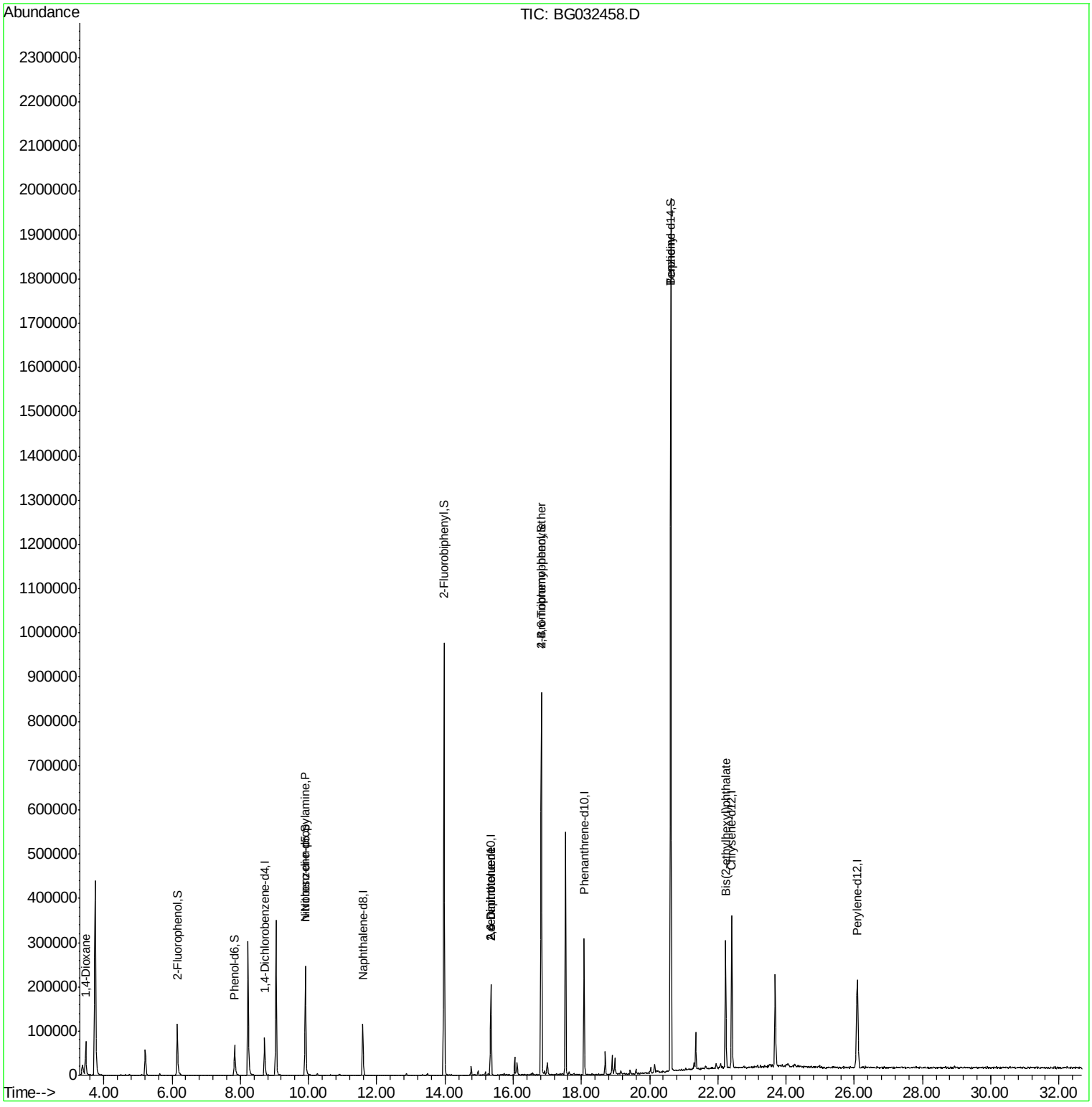
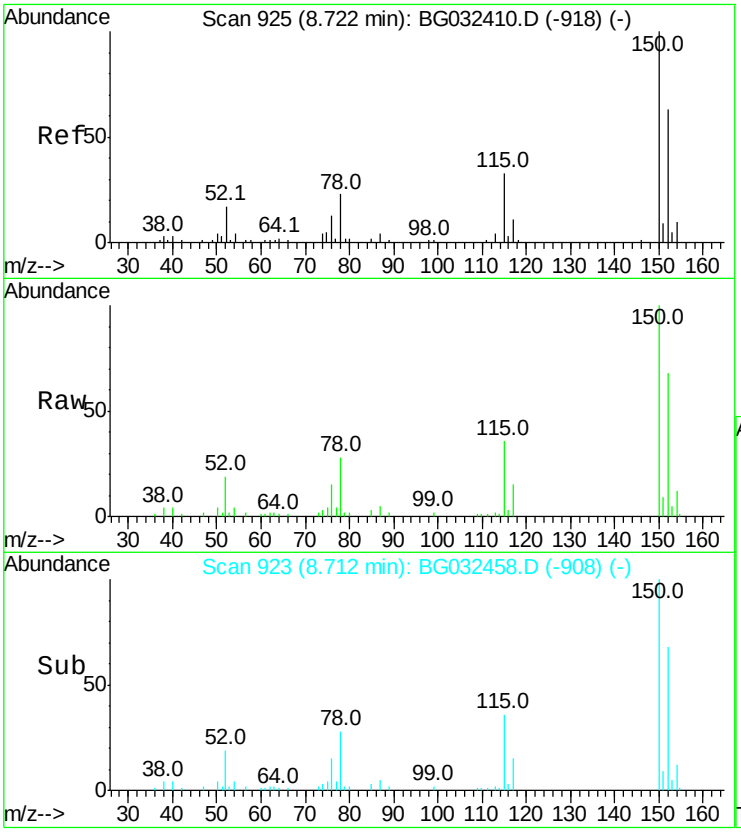


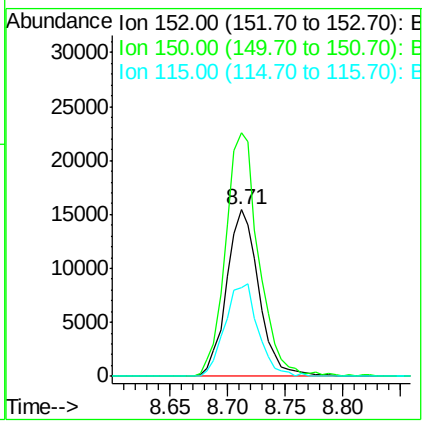


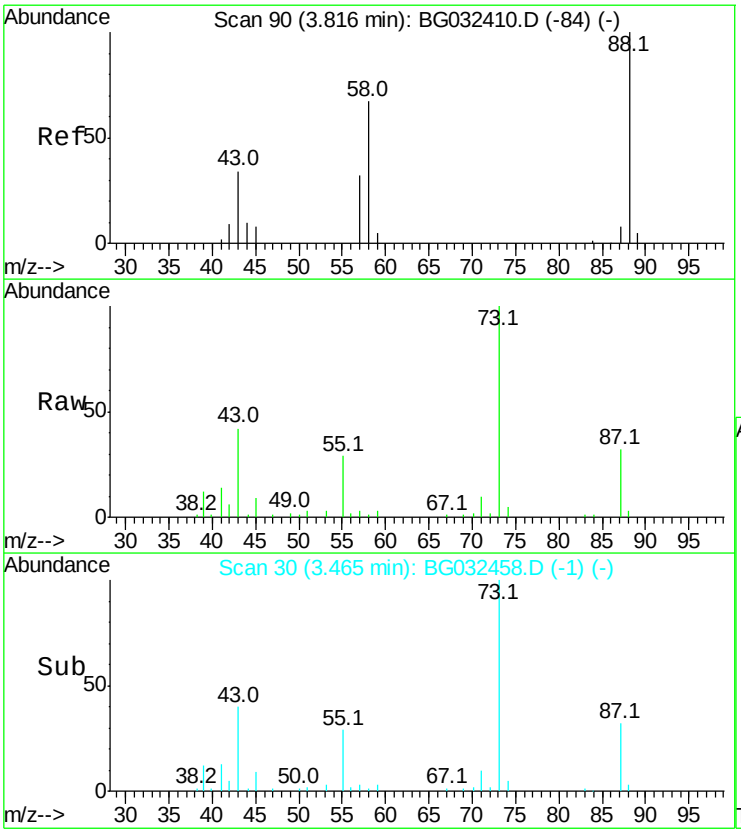
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29978

Ion	Ratio	Lower	Upper
152	100		
150	146.4	126.6	189.8
115	53.3	53.0	79.4

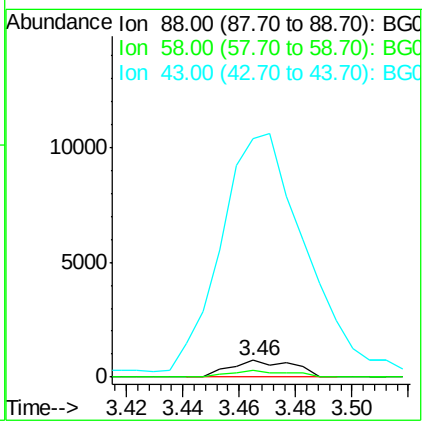


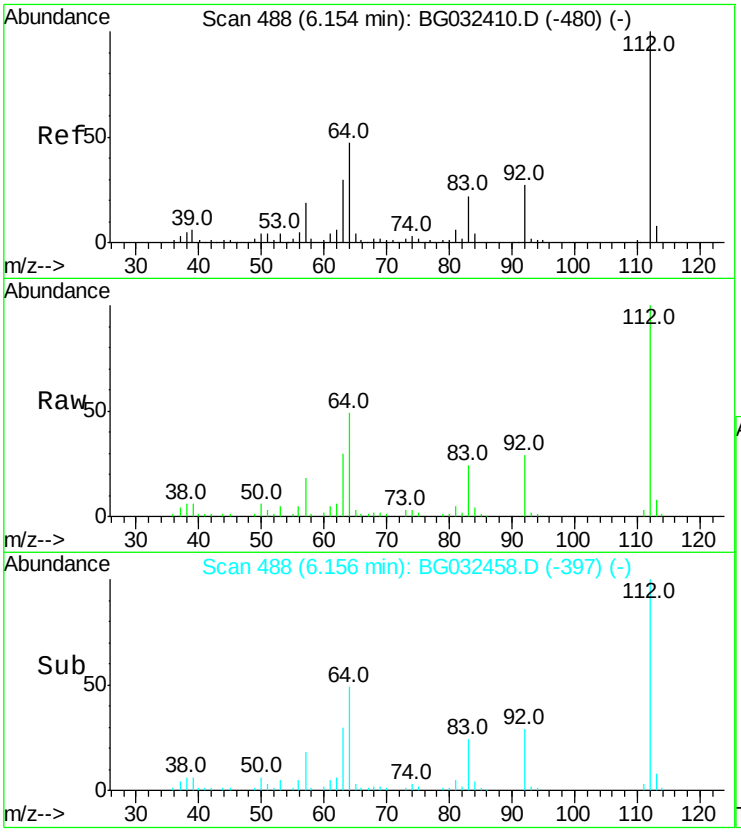


#2
1,4-Dioxane
Concen: 2.163 ng
RT: 3.46 min Scan# 30
Delta R.T. -0.35 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion: 88 Resp: 1086

Ion	Ratio	Lower	Upper
88	100		
58	39.2	79.6	119.4#
43	2116.6	27.4	41.0#



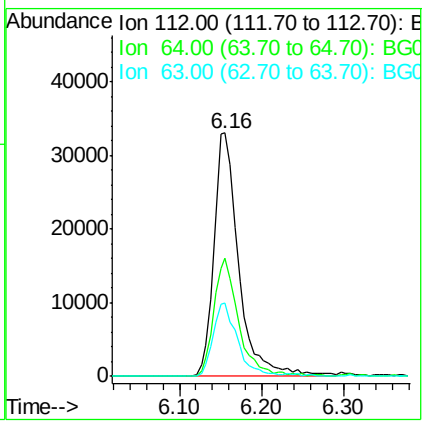


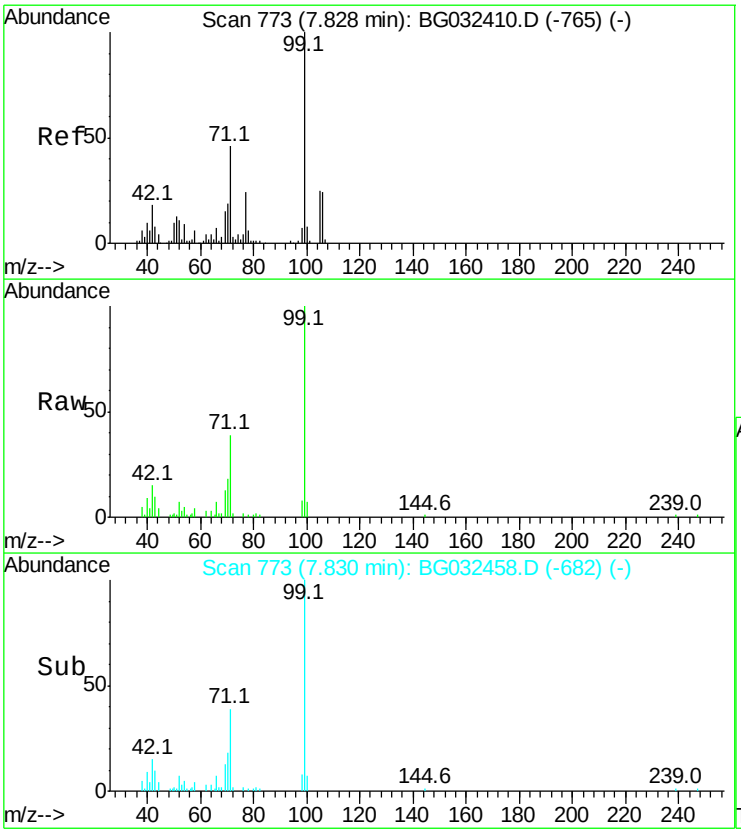
#5
2-Fluorophenol
Concen: 46.836 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 69903

Ion	Ratio	Lower	Upper
112	100		
64	48.6	56.3	84.5#
63	30.1	30.1	45.1

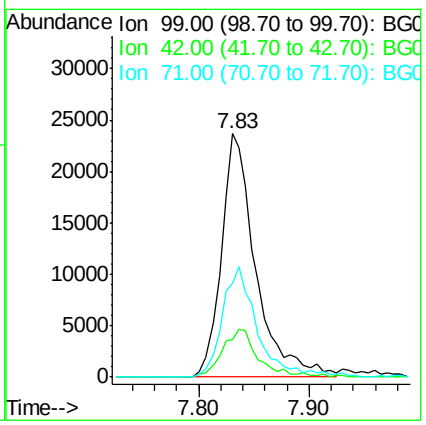


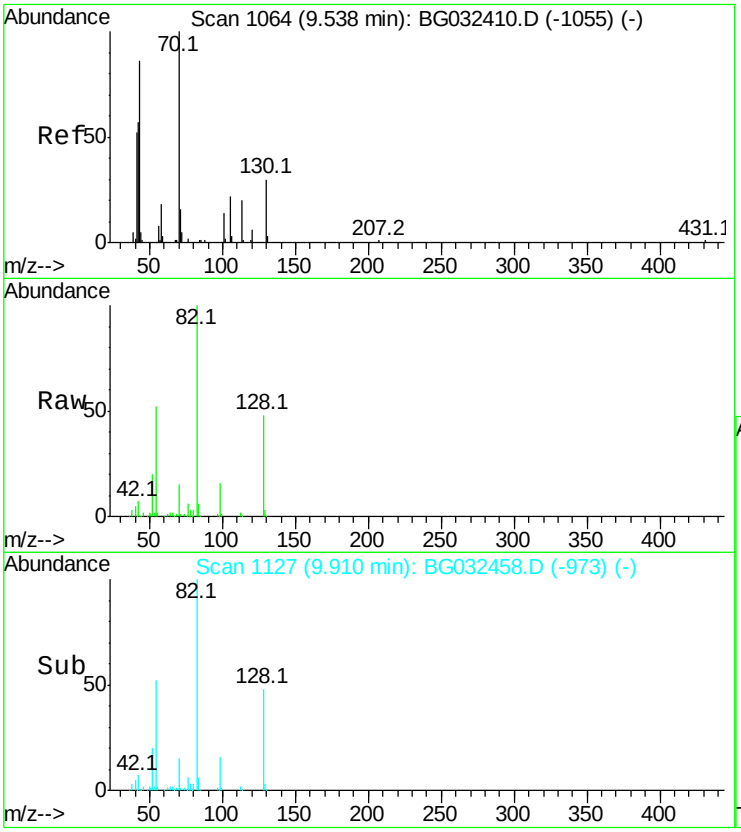


#7
Phenol-d6
Concen: 25.709 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion: 99 Resp: 51202

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.1	21.1
71	38.6	26.1	39.1



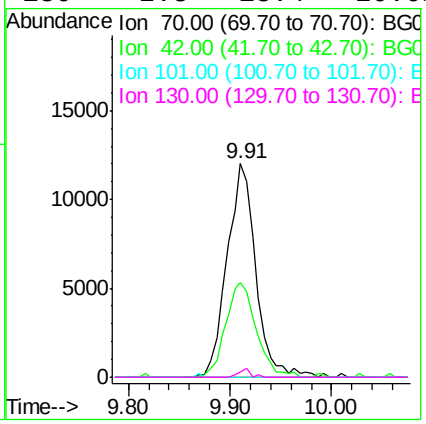


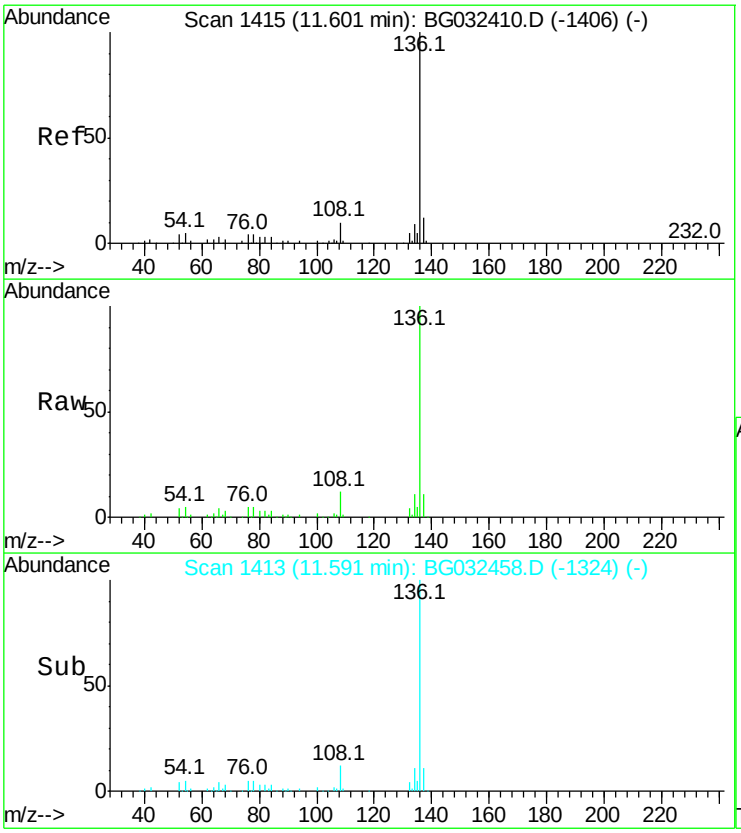
#19
n-Nitroso-di-n-propylamine
Concen: 17.887 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 23621

Ion	Ratio	Lower	Upper
70	100		
42	44.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#

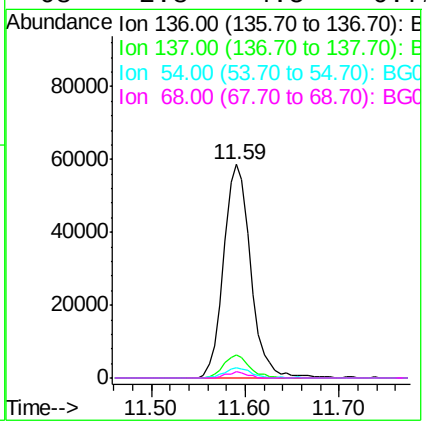


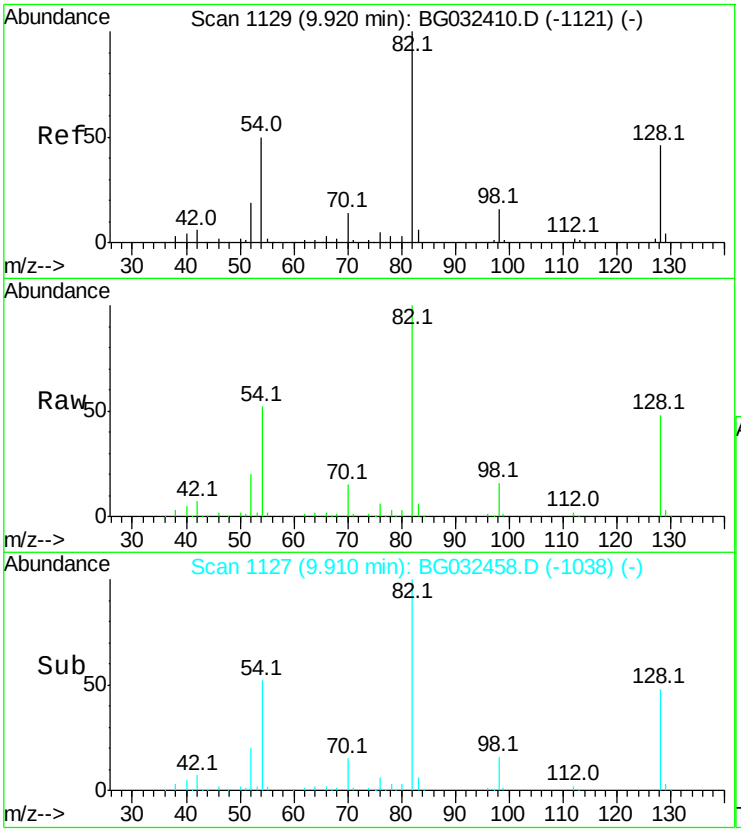


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:136 Resp: 117096

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.9	10.3	15.5#
68	2.8	4.5	6.7#



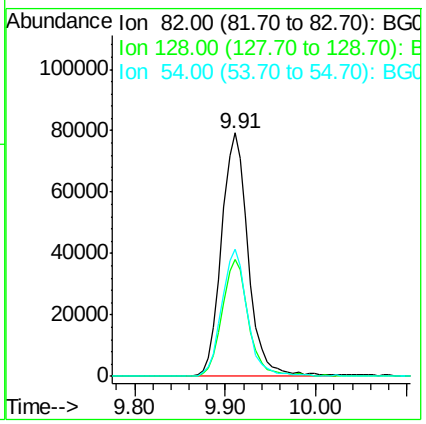


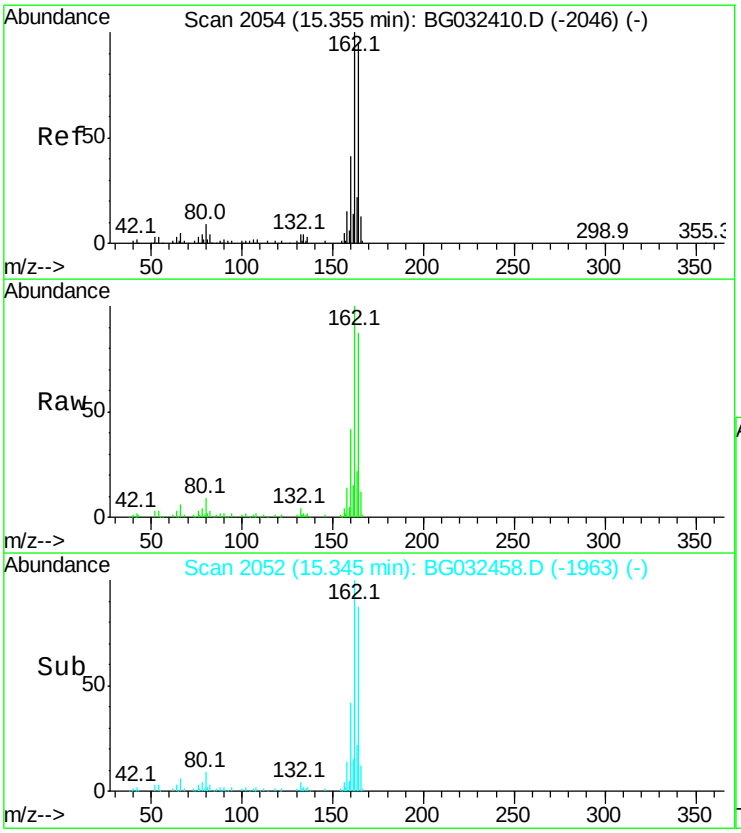
#23
Nitrobenzene-d5
Concen: 86.759 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 162650

Ion	Ratio	Lower	Upper
82	100		
128	47.8	29.7	44.5#
54	52.0	43.1	64.7

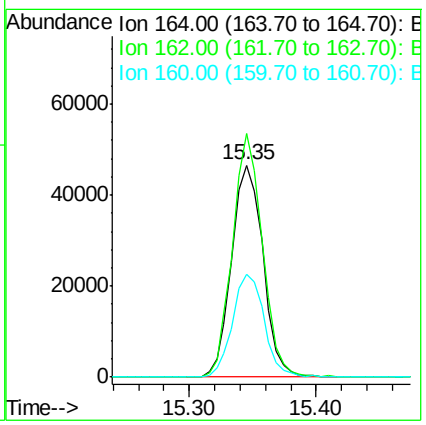


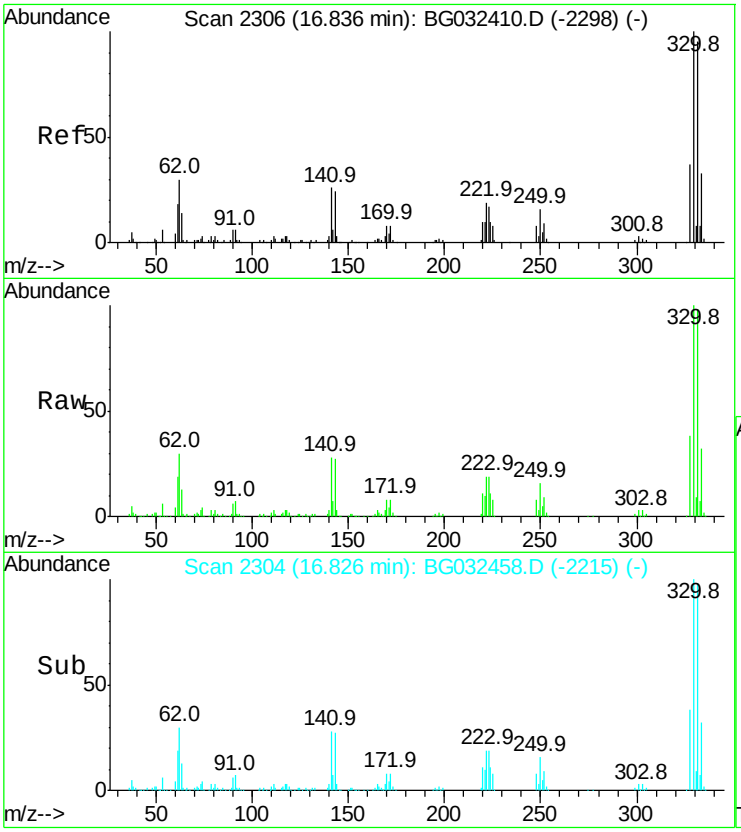


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:164 Resp: 79940

Ion	Ratio	Lower	Upper
164	100		
162	114.9	78.8	118.2
160	48.7	35.4	53.0



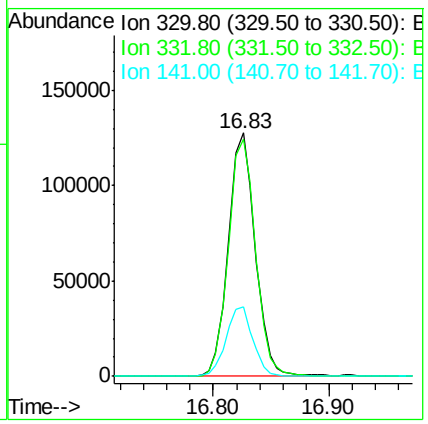


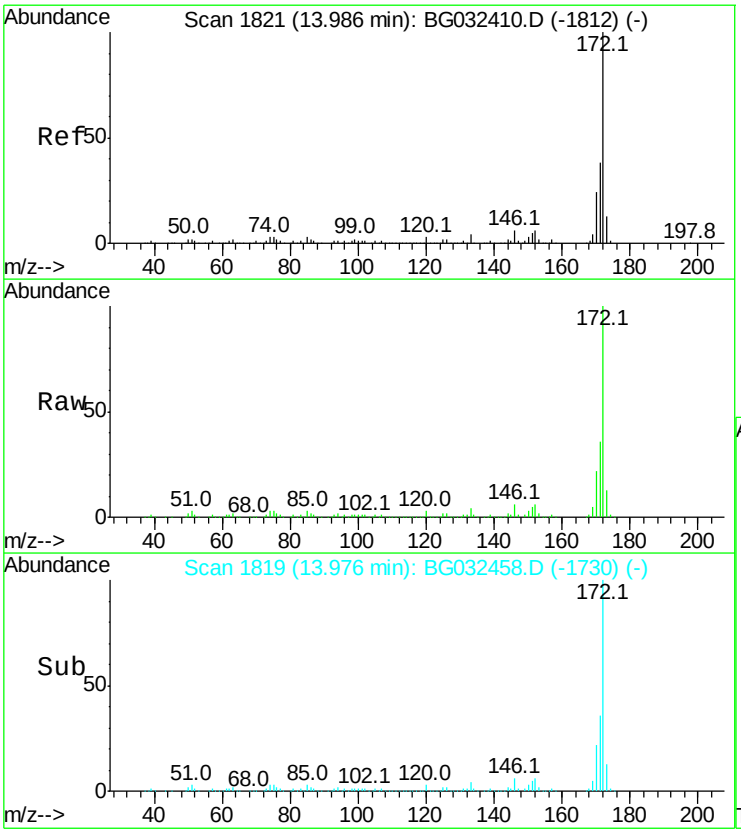
#41
2,4,6-Tribromophenol
Concen: 135.284 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 205856

Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	28.6	25.2	37.8

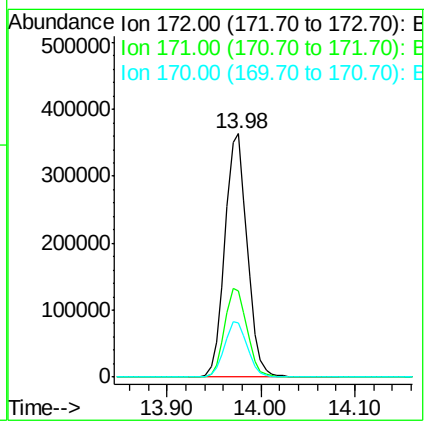


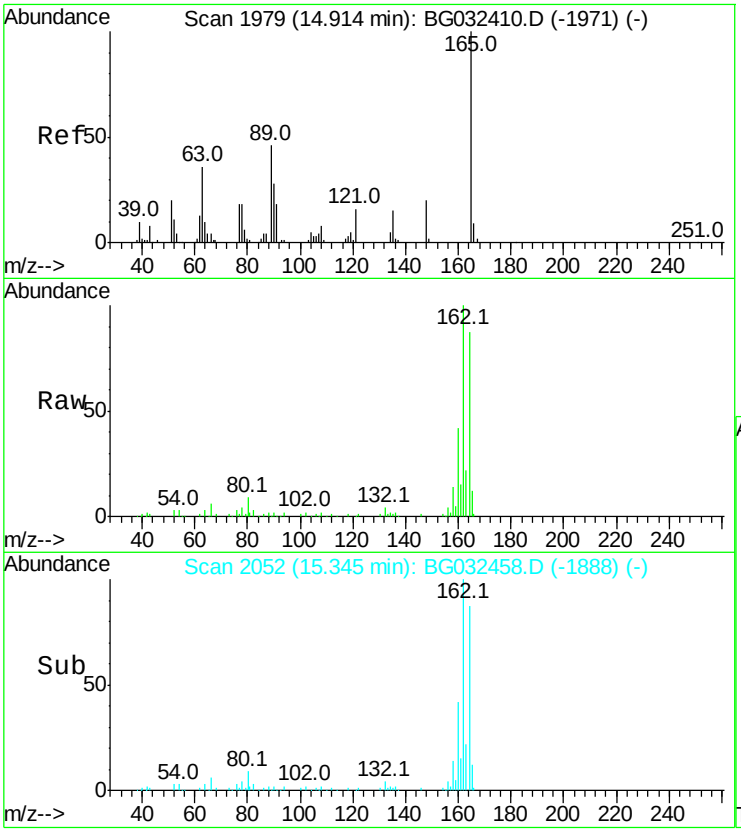


#44
2-Fluorobiphenyl
Concen: 89.252 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:172 Resp: 600285

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.3	19.5	29.3



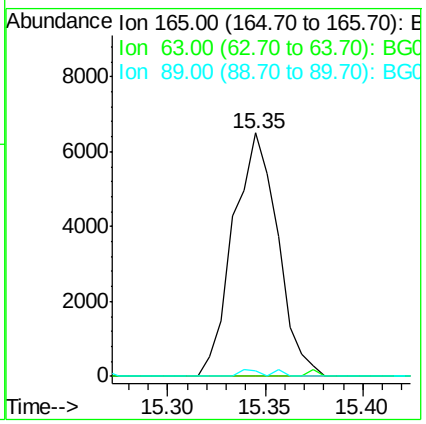


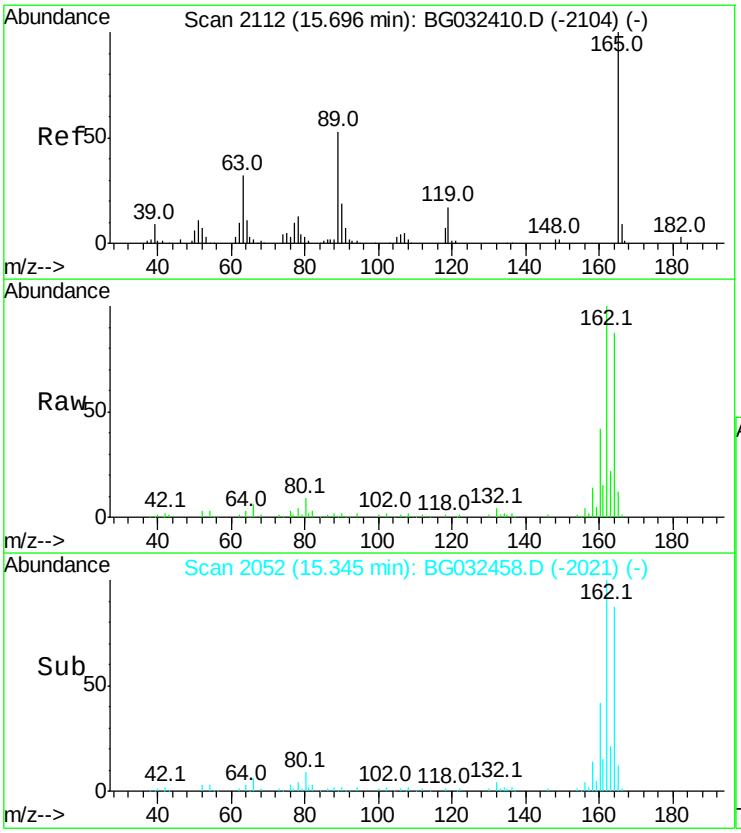
#50
2,6-Dinitrotoluene
Concen: 6.629 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10255

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.5	49.2	73.8#

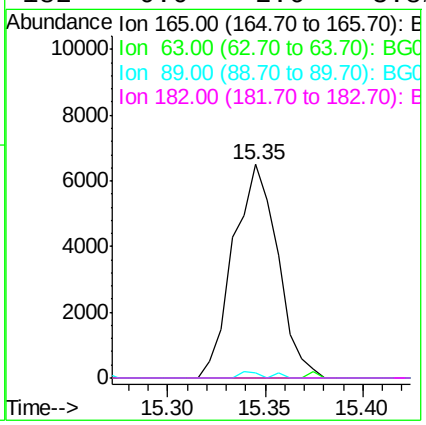


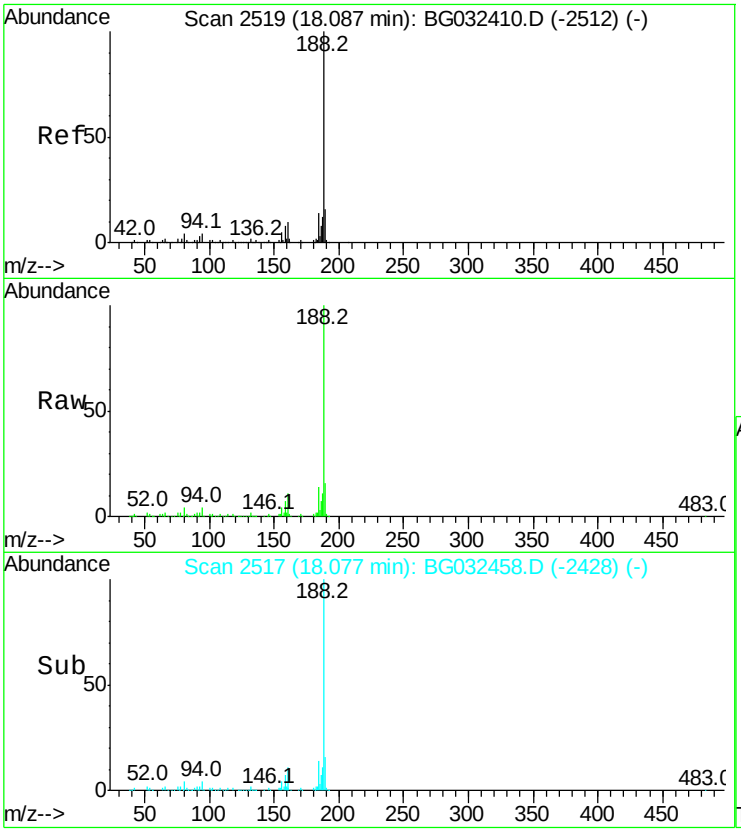


#56
2,4-Dinitrotoluene
Concen: 4.656 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:165 Resp: 10255

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.5	66.9	100.3#
182	0.0	2.6	3.8#



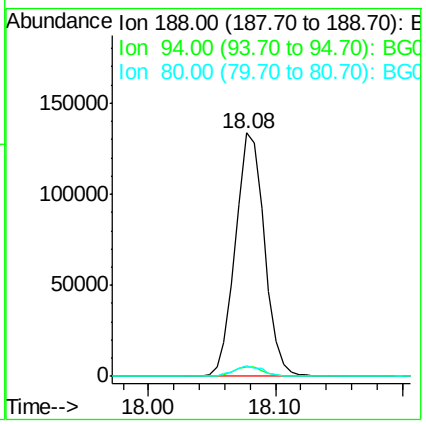


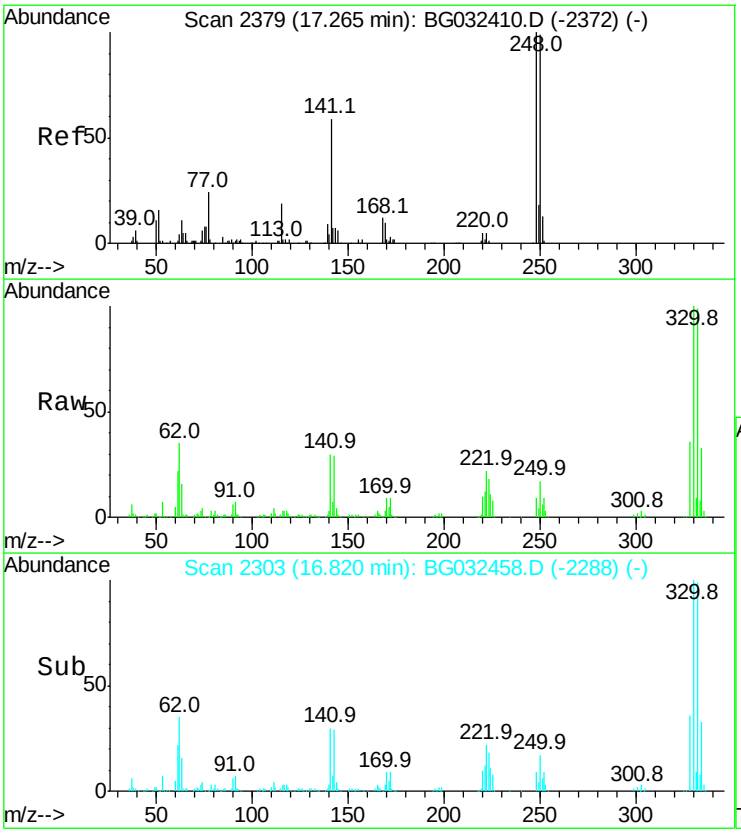
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 212592

Ion	Ratio	Lower	Upper
188	100		
94	3.8	6.9	10.3#
80	4.4	7.7	11.5#

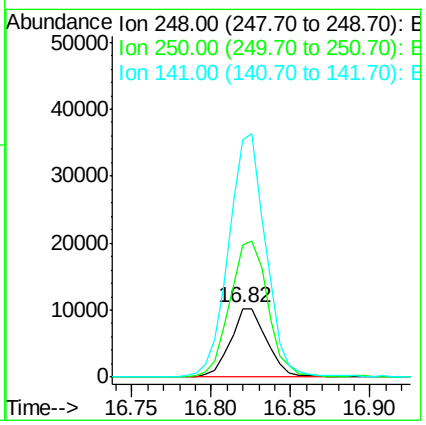


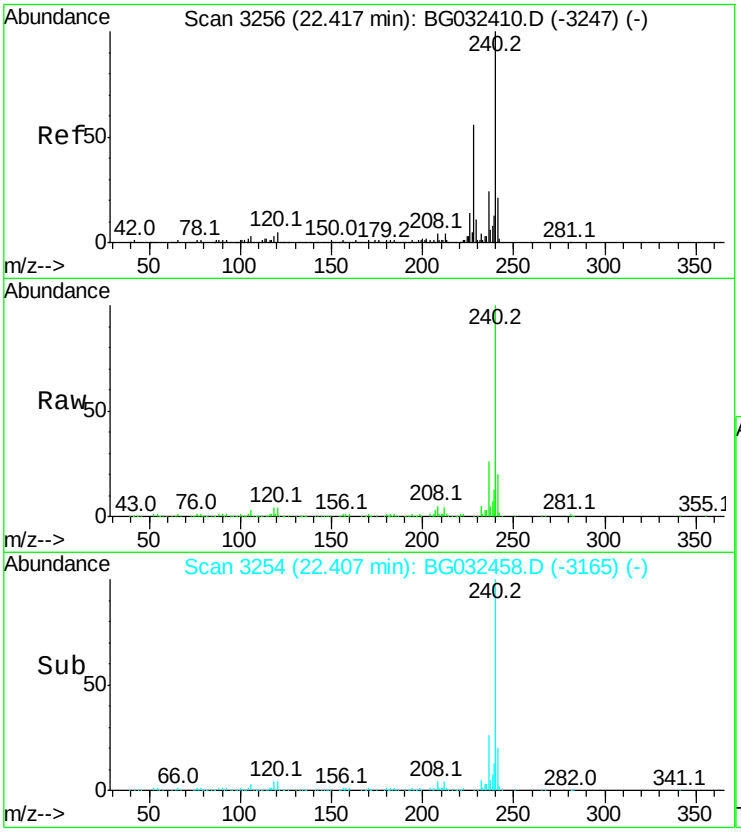


#66
4-Bromophenyl-phenylether
Concen: 5.141 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.44 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:248 Resp: 16192

Ion	Ratio	Lower	Upper
248	100		
250	192.4	77.1	115.7#
141	346.1	50.8	76.2#



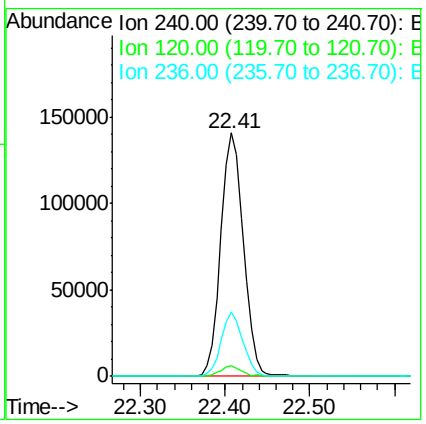


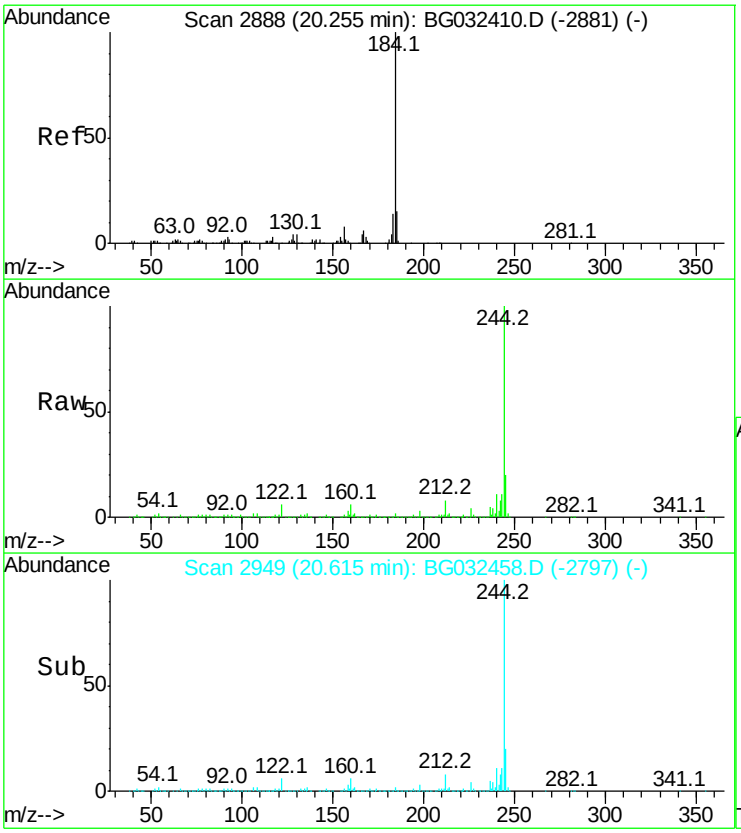
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 261671

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	26.4	20.9	31.3

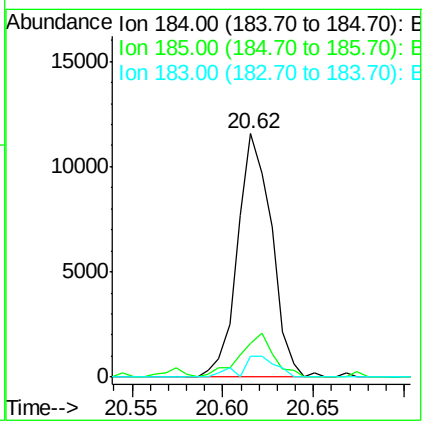


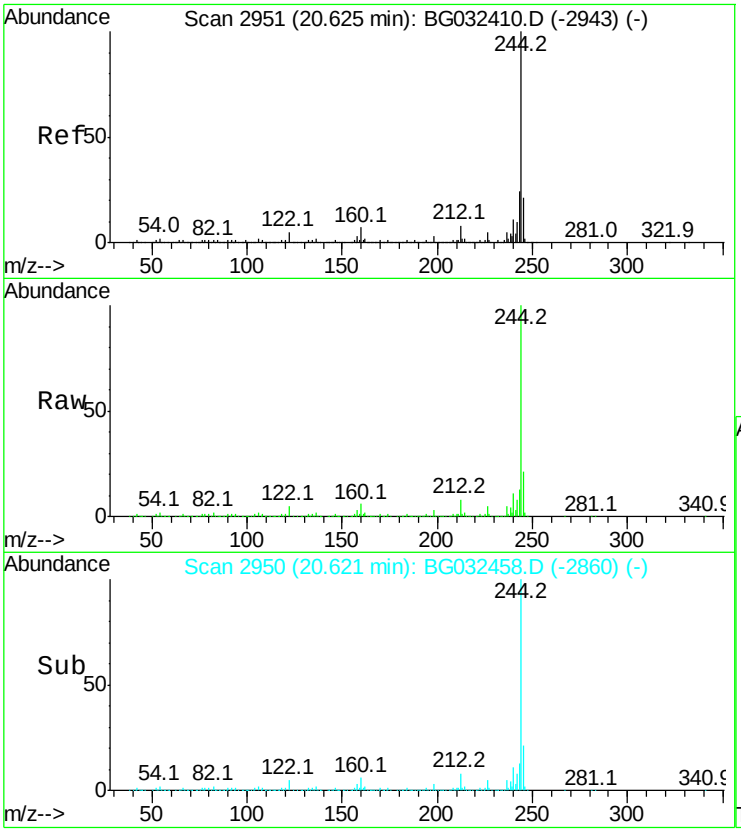


#76
Benzidine
Concen: 2.938 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:184 Resp: 15098

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.1	16.7
183	8.4	10.6	16.0#



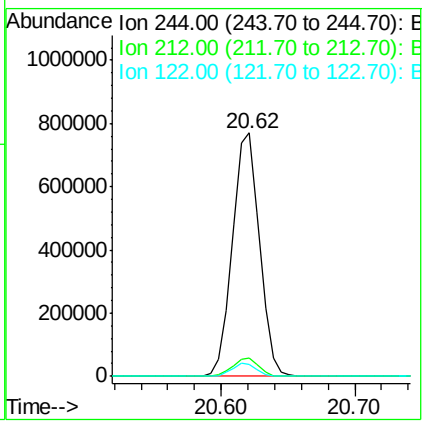


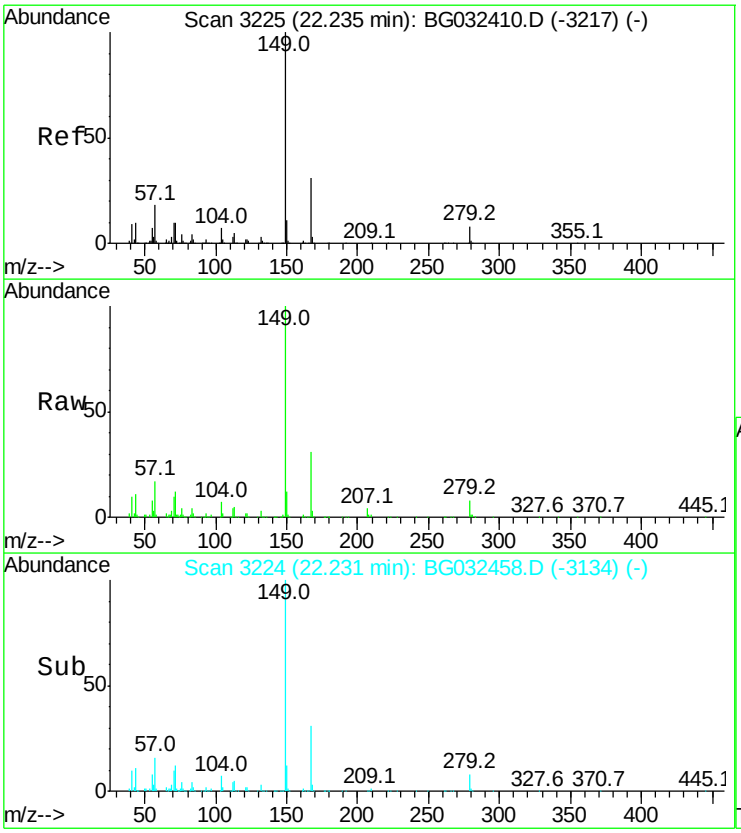
#78
Terphenyl-d14
Concen: 88.849 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1085358

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	4.7	7.0	10.4#

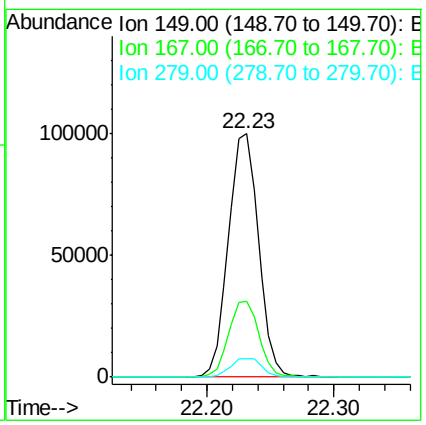


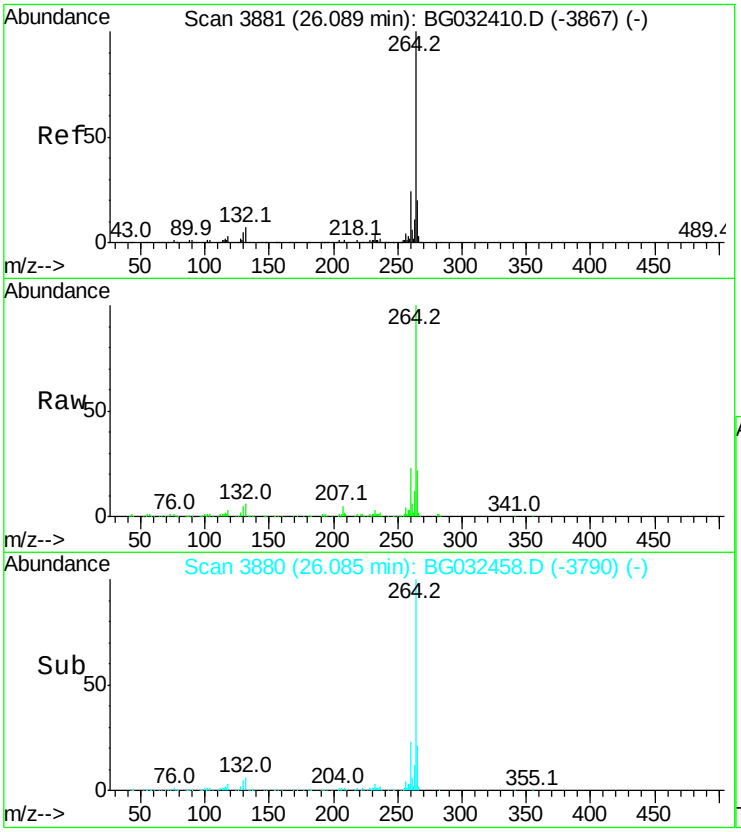


#83
Bis(2-ethylhexyl)phthalate
Concen: 22.888 ng
RT: 22.23 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:149 Resp: 164287

Ion	Ratio	Lower	Upper
149	100		
167	31.3	24.3	36.5
279	7.6	4.0	6.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 280758

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	17.7	26.5