Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032482.D
Acq On : 1 Feb 2018 2:48
Operator : SJ/JU
Sample : J1383-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 04:38:16 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	23916	20.00	ng	-0.02
21) Naphthalene-d8	11.59	136	97346	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	69449	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	194847	20.00	ng	0.00
75) Chrysene-d12	22.41	240	267049	20.00	ng	-0.01
86) Perylene-d12	26.08	264	281219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	162968	136.87	ng	0.00
7) Phenol-d6	7.84	99	184576	116.17	ng	0.00
23) Nitrobenzene-d5	9.91	82	142843	91.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	200665	151.79	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	524512	89.77	ng	-0.01
78) Terphenyl-d14	20.62	244	1238411	99.34	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.05	79	2779	2.122	ng	# 41
19) n-Nitroso-di-n-propylamine	9.91	70	19977	18.962	ng	# 74
31) Naphthalene	11.64	128	21214	4.462	ng	# 93
50) 2,6-Dinitrotoluene	15.35	165	9021	6.712	ng	# 21
53) 2,4-Dinitrophenol	14.95	184	59	4.171	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	9021	4.714	ng	# 19
66) 4-Bromophenyl-phenylether	16.82	248	16167	5.601	ng	# 1
76) Benzidine	20.62	184	18228	3.476	ng	# 93

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

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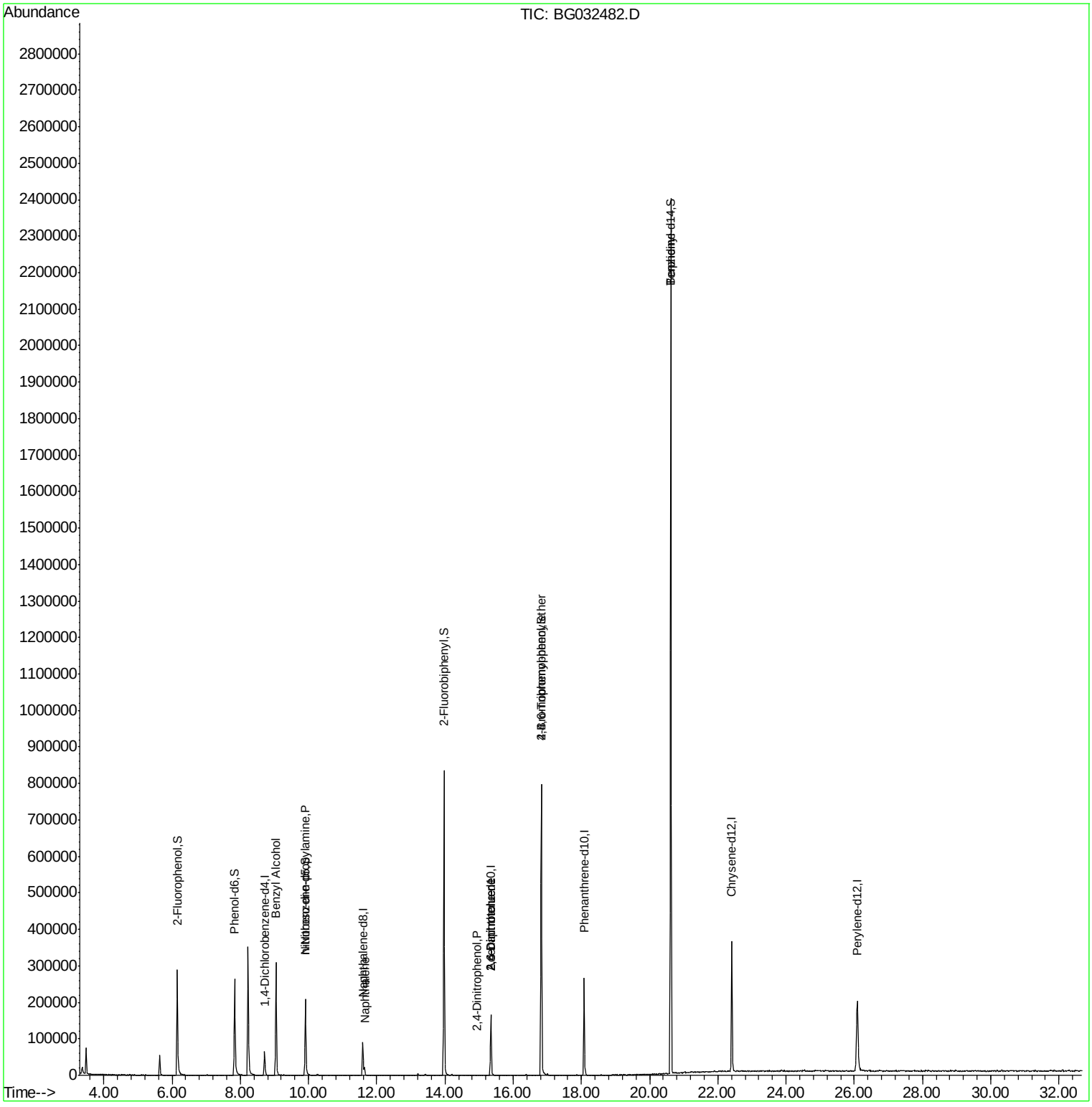
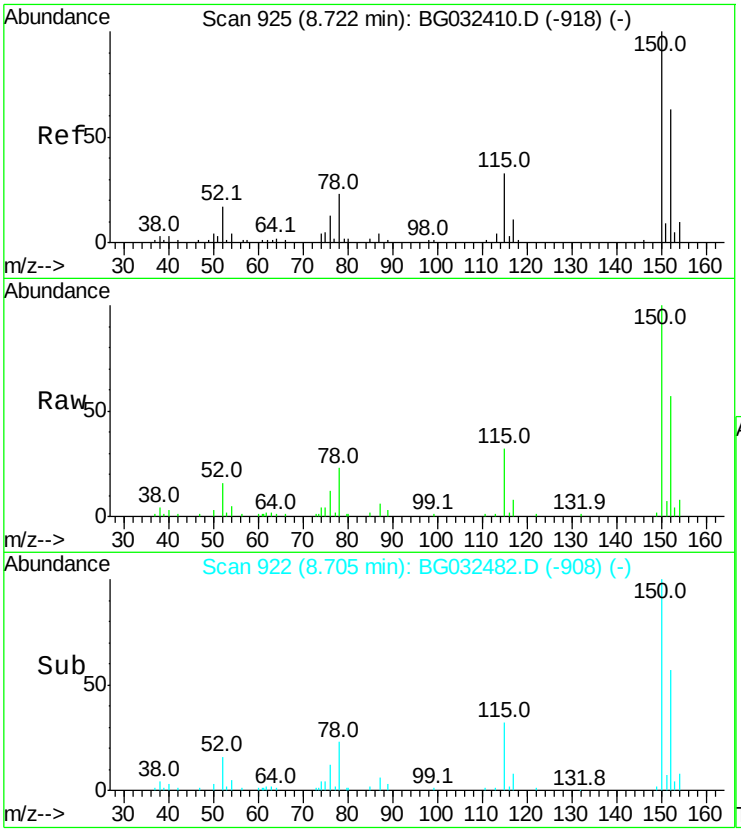


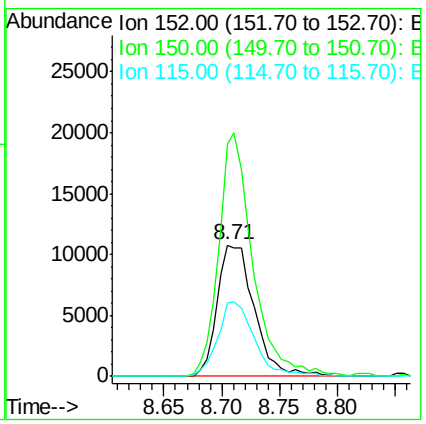


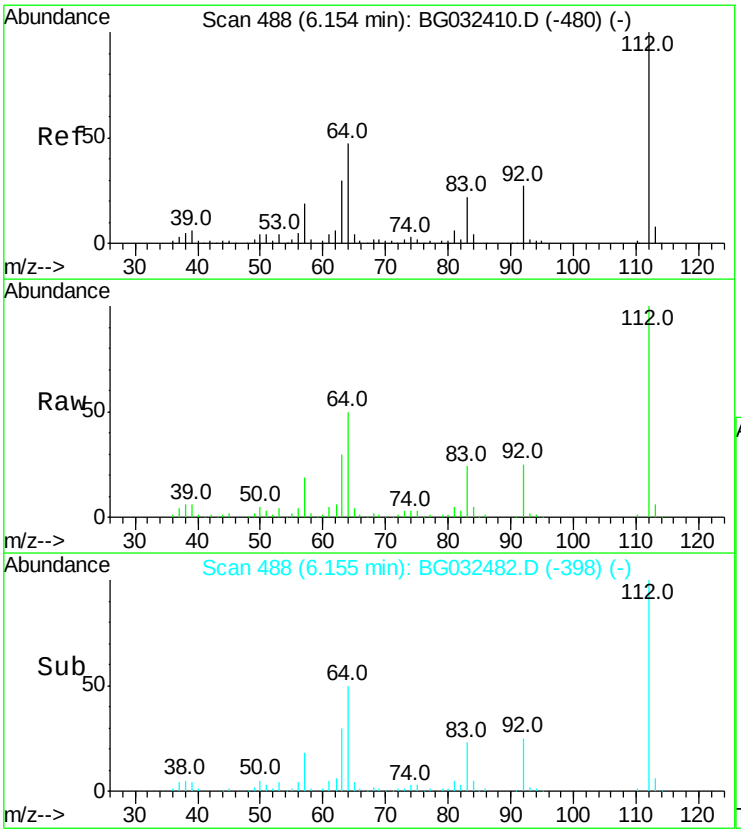
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.02 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23916

Ion	Ratio	Lower	Upper
152	100		
150	176.6	126.6	189.8
115	56.2	53.0	79.4

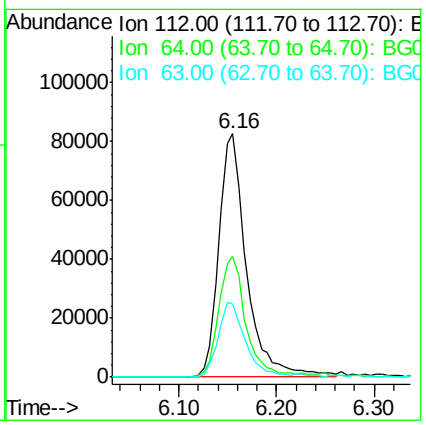


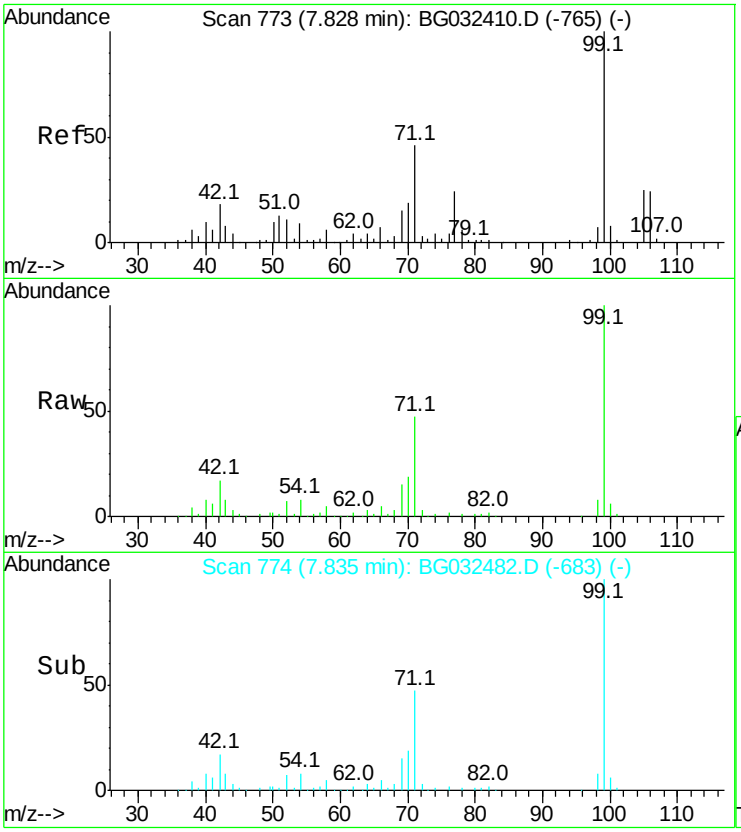


#5
2-Fluorophenol
Concen: 136.867 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:112 Resp: 162968

Ion	Ratio	Lower	Upper
112	100		
64	49.7	56.3	84.5#
63	30.4	30.1	45.1



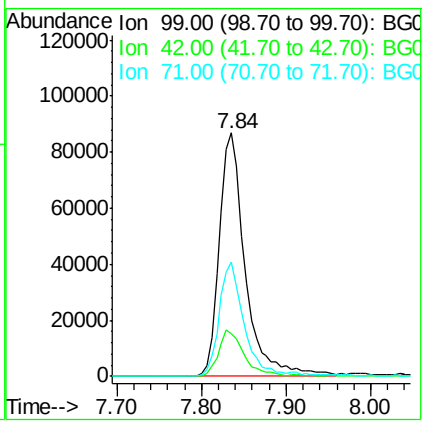


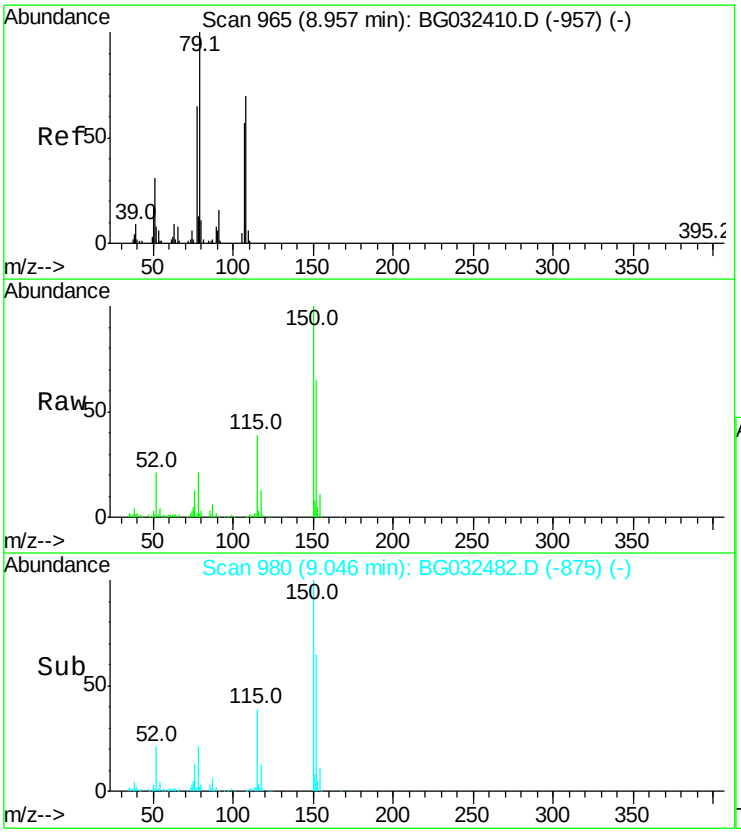
#7
Phenol-d6
Concen: 116.166 ng
RT: 7.84 min Scan# 774
Delta R.T. 0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 184576

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	47.2	26.1	39.1#

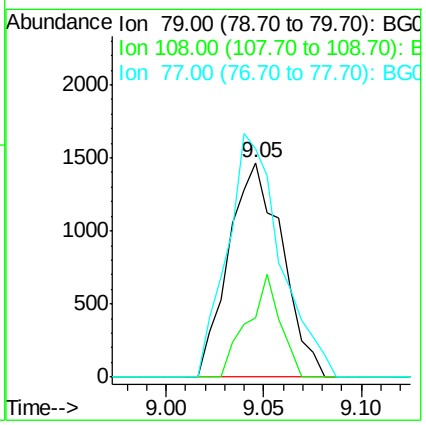


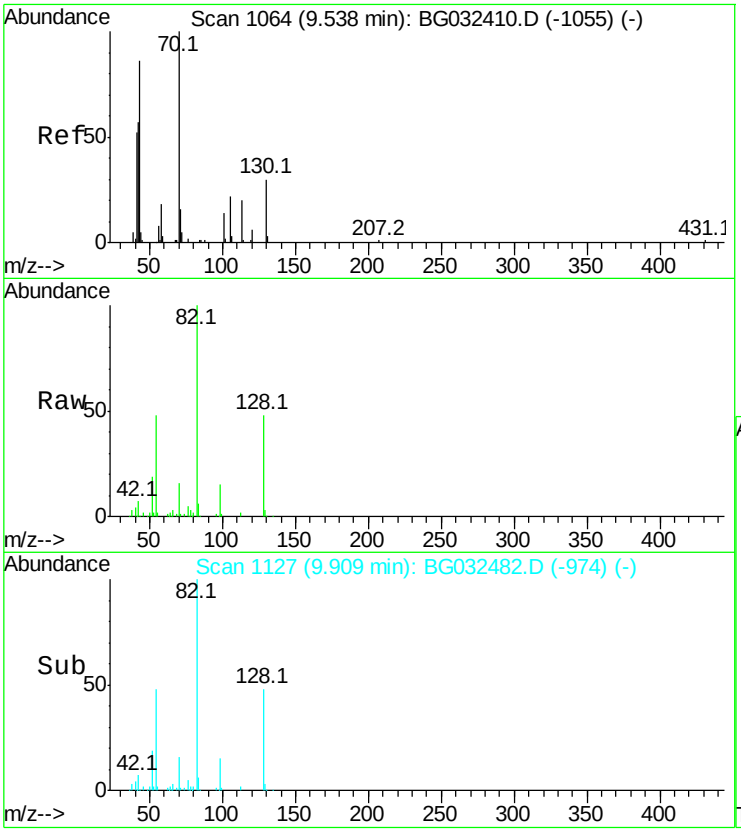


#15
Benzyl Alcohol
Concen: 2.122 ng
RT: 9.05 min Scan# 980
Delta R.T. 0.09 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion: 79 Resp: 2779

Ion	Ratio	Lower	Upper
79	100		
108	27.4	57.2	85.8#
77	106.7	46.1	69.1#



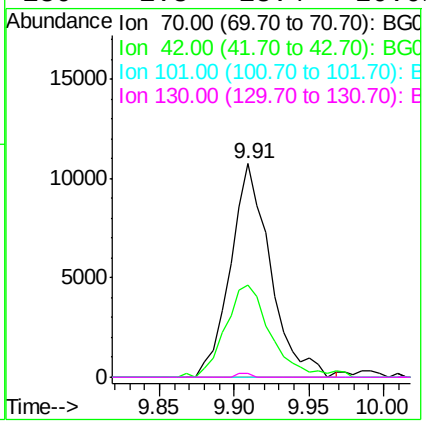


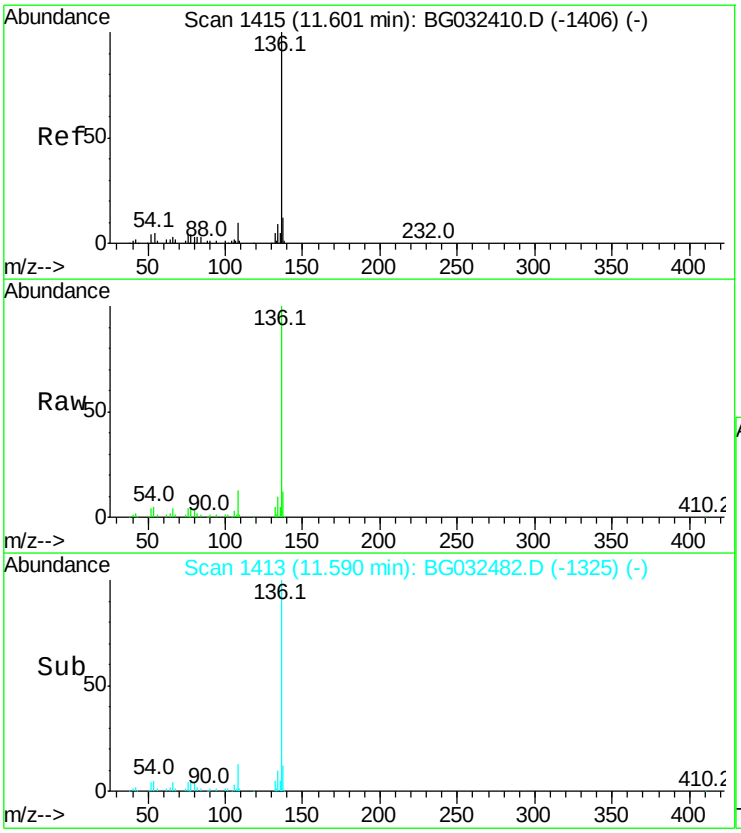
#19
n-Nitroso-di-n-propylamine
Concen: 18.962 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19977

Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#

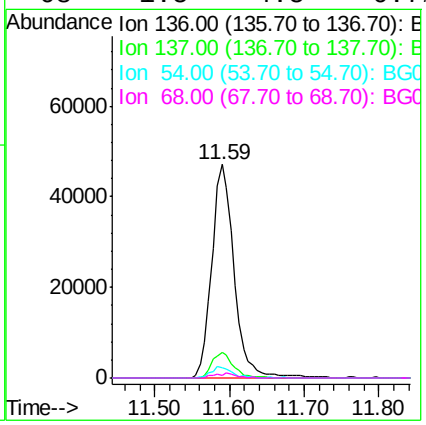


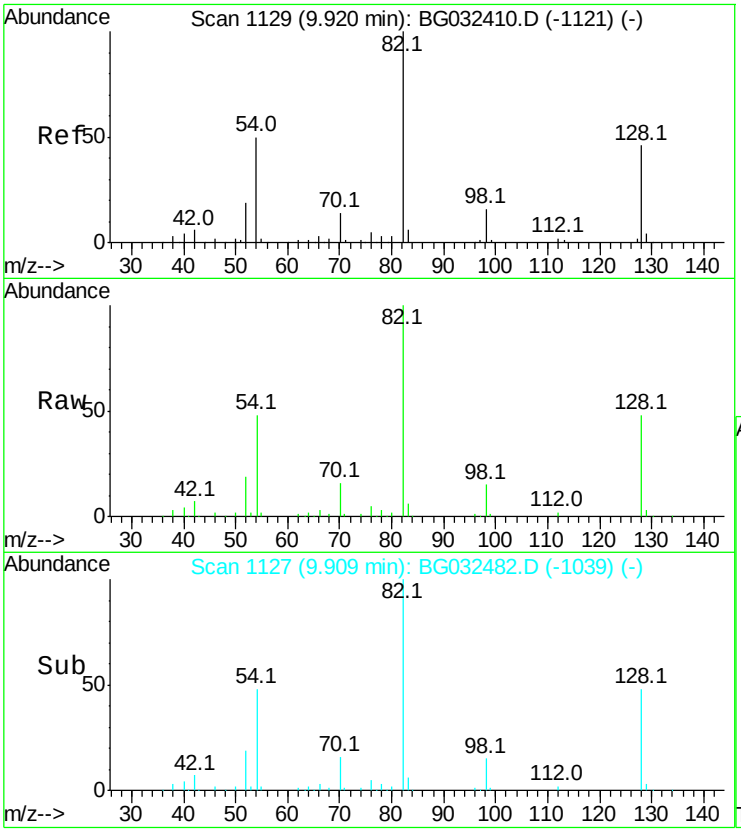


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:136 Resp: 97346

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	4.9	10.3	15.5#
68	1.5	4.5	6.7#



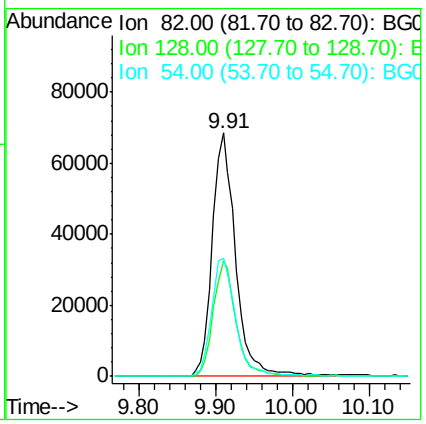


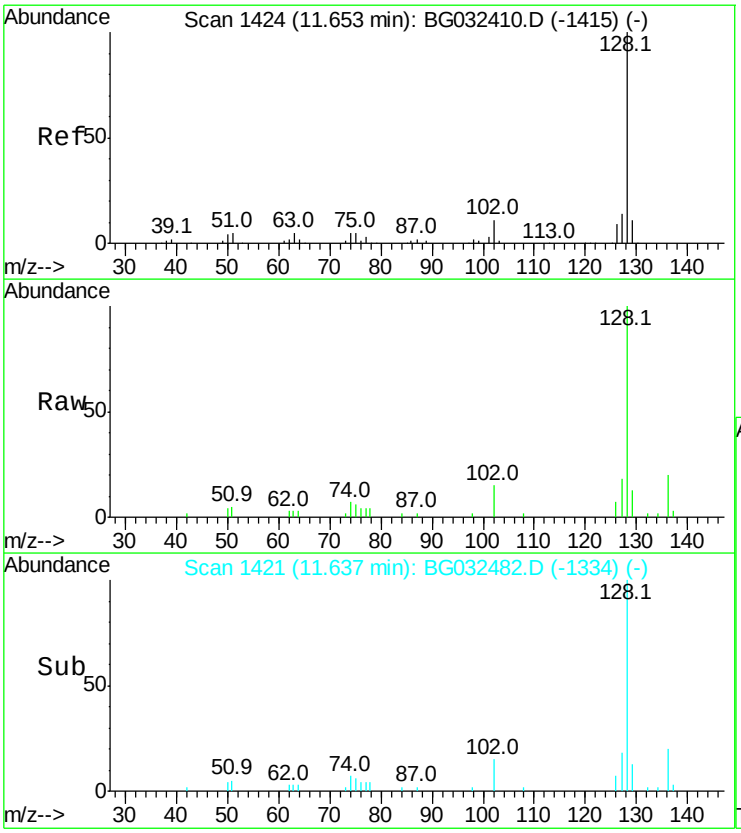
#23
Nitrobenzene-d5
Concen: 91.653 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 142843

Ion	Ratio	Lower	Upper
82	100		
128	47.6	29.7	44.5#
54	48.4	43.1	64.7

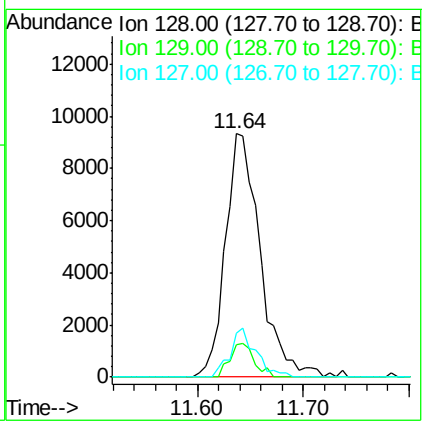


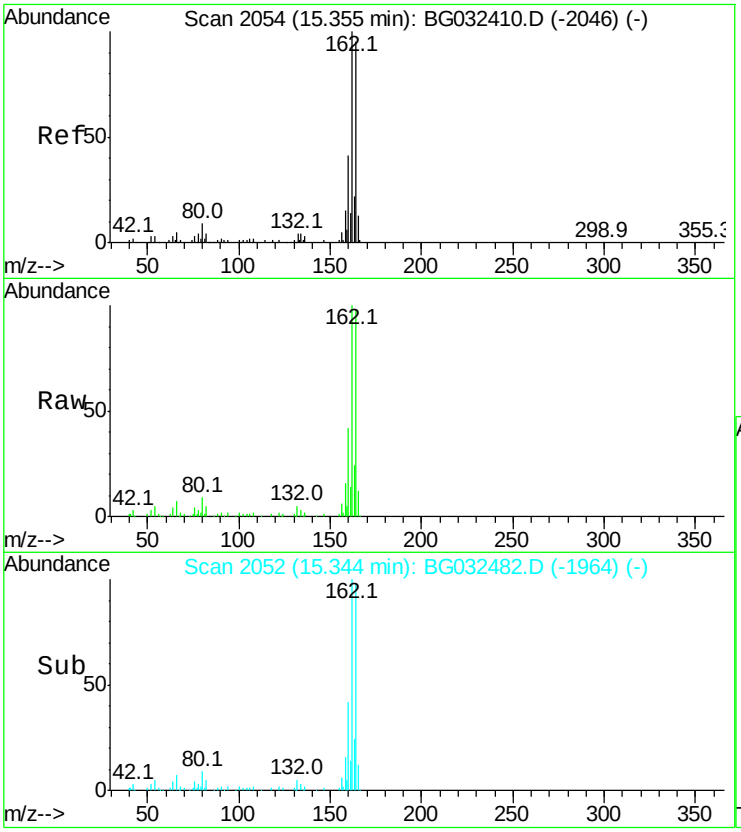


#31
Naphthalene
Concen: 4.462 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:128 Resp: 21214

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.6	12.8#
127	17.9	11.6	17.4#



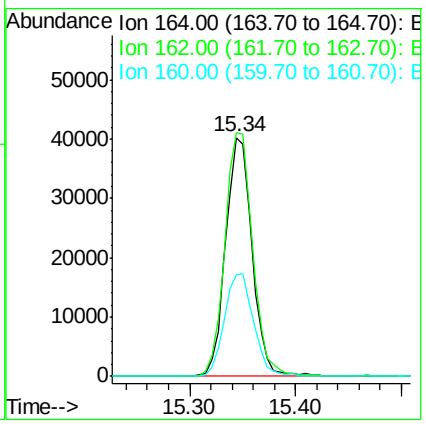


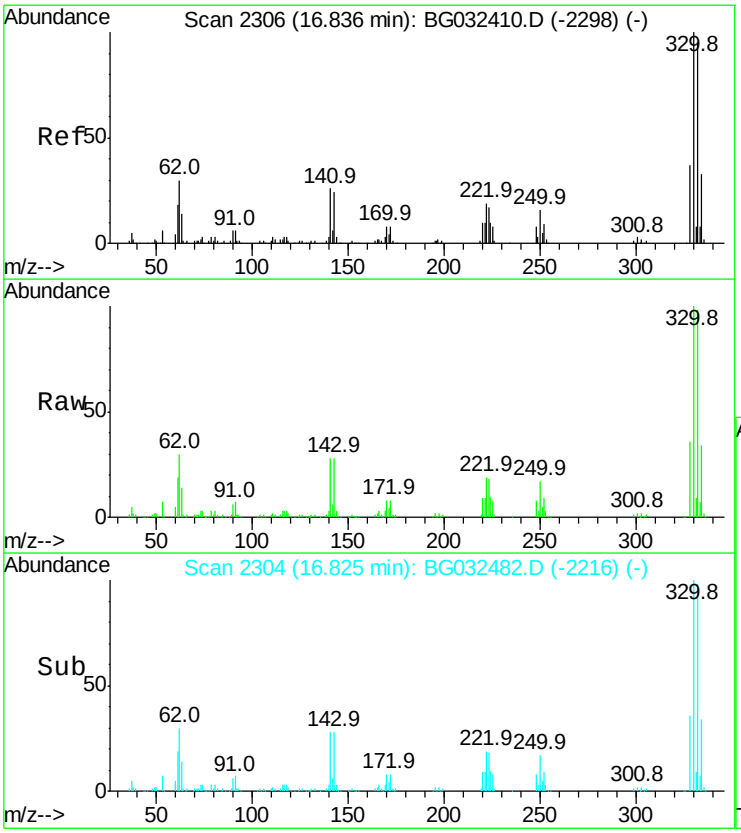
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 69449

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	42.4	35.4	53.0

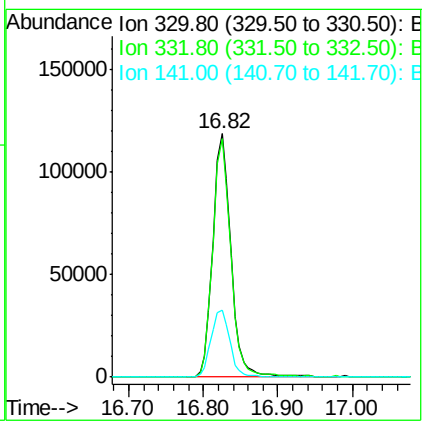


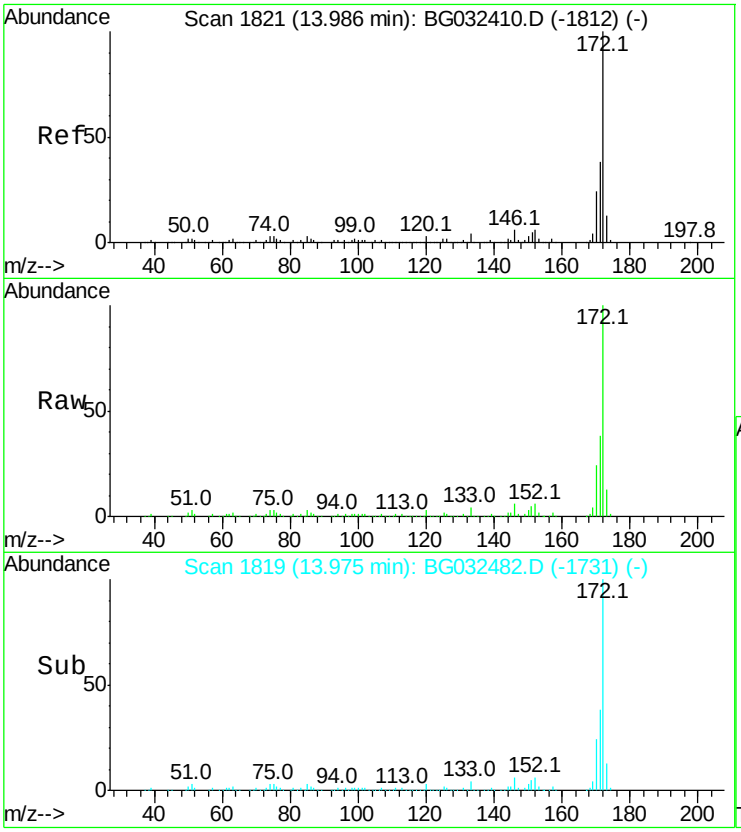


#41
2,4,6-Tribromophenol
Concen: 151.793 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:330 Resp: 200665

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.6	25.2	37.8



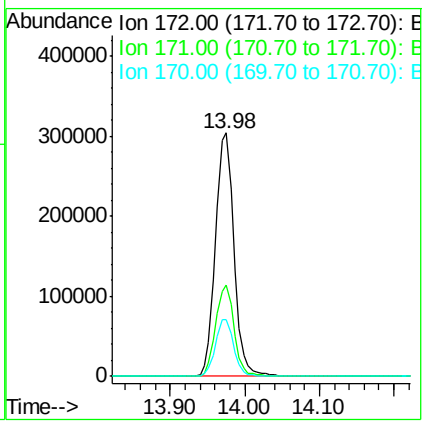


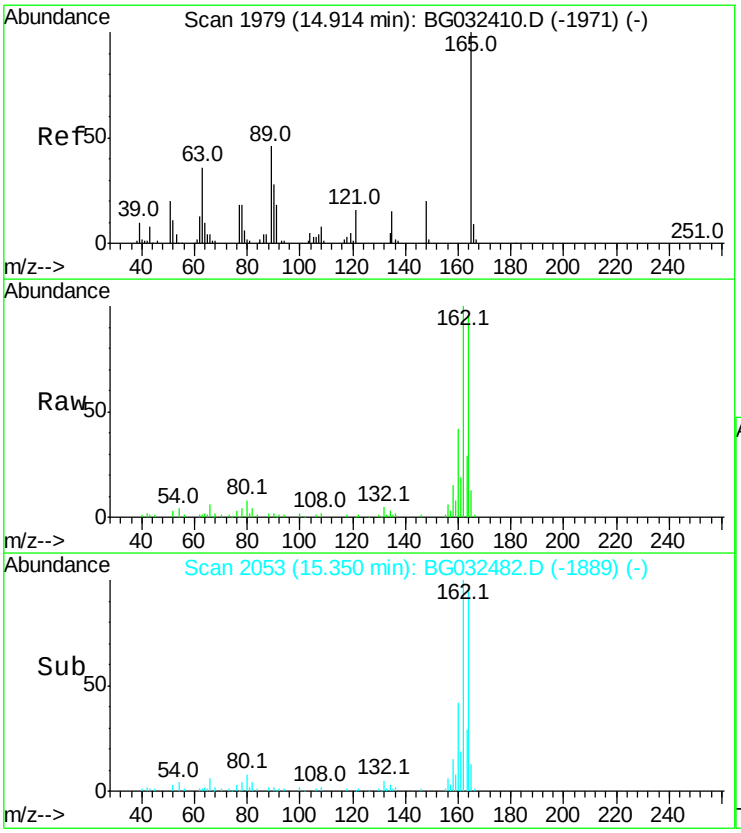
#44
2-Fluorobiphenyl
Concen: 89.766 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 524512

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.5	19.5	29.3

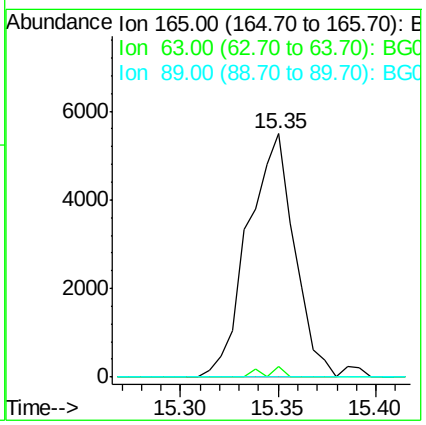


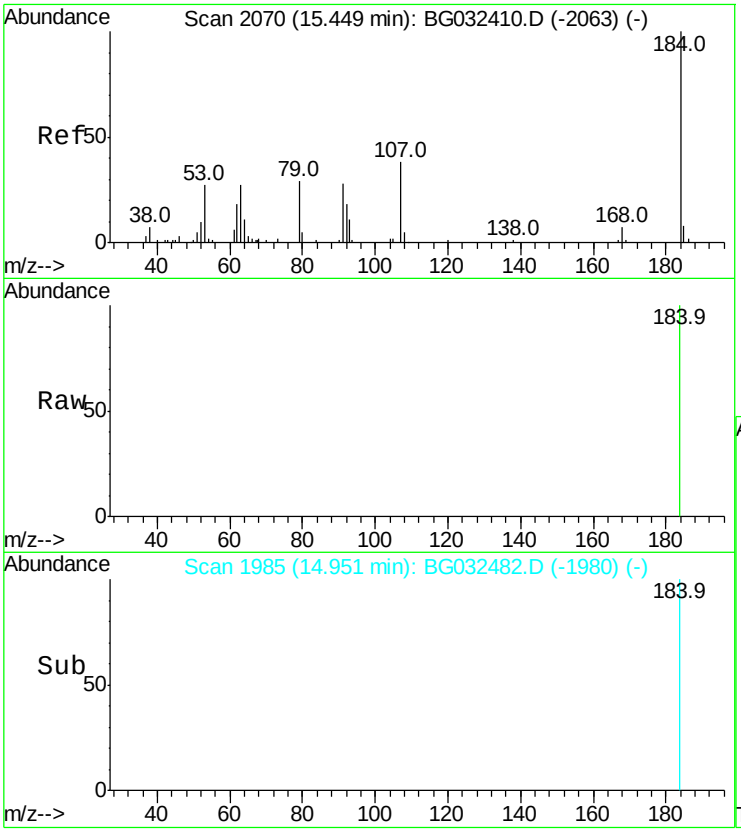


#50
2,6-Dinitrotoluene
Concen: 6.712 ng
RT: 15.35 min Scan# 2053
Delta R.T. 0.44 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:165 Resp: 9021

Ion	Ratio	Lower	Upper
165	100		
63	4.6	52.7	79.1#
89	0.0	49.2	73.8#



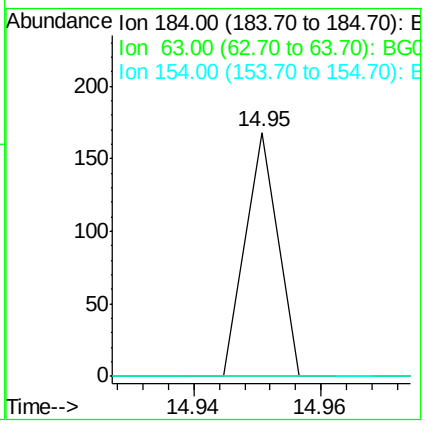


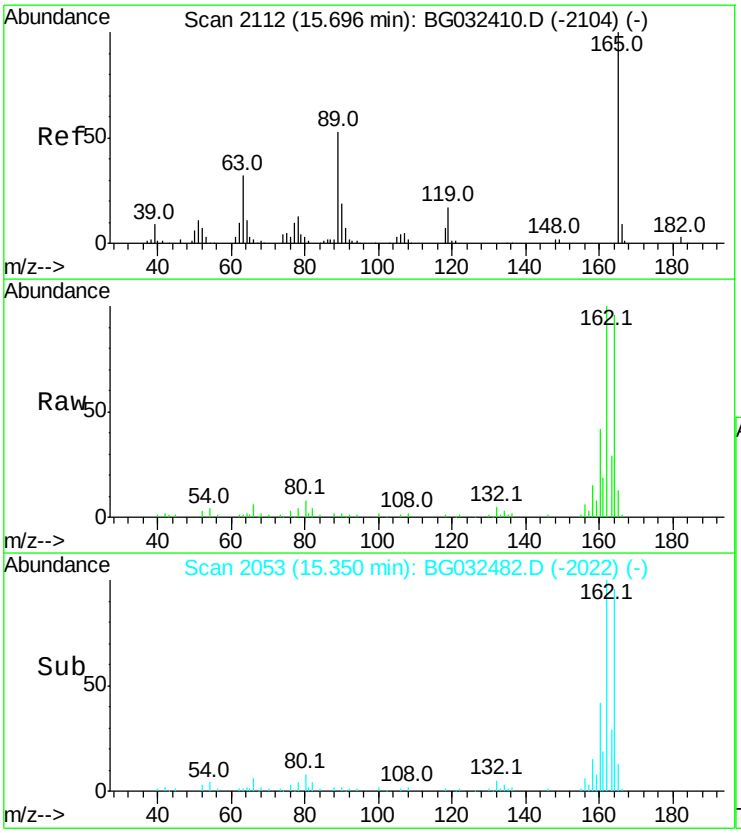
#53
2,4-Dinitrophenol
Concen: 4.171 ng
RT: 14.95 min Scan# 1985
Delta R.T. -0.50 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

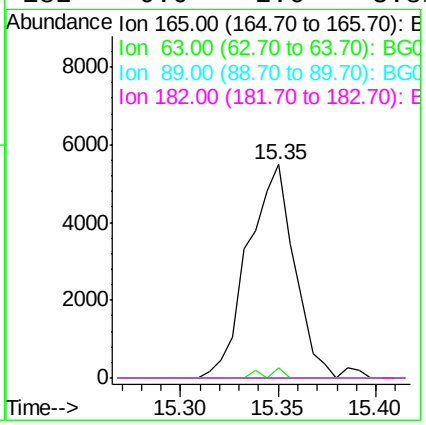


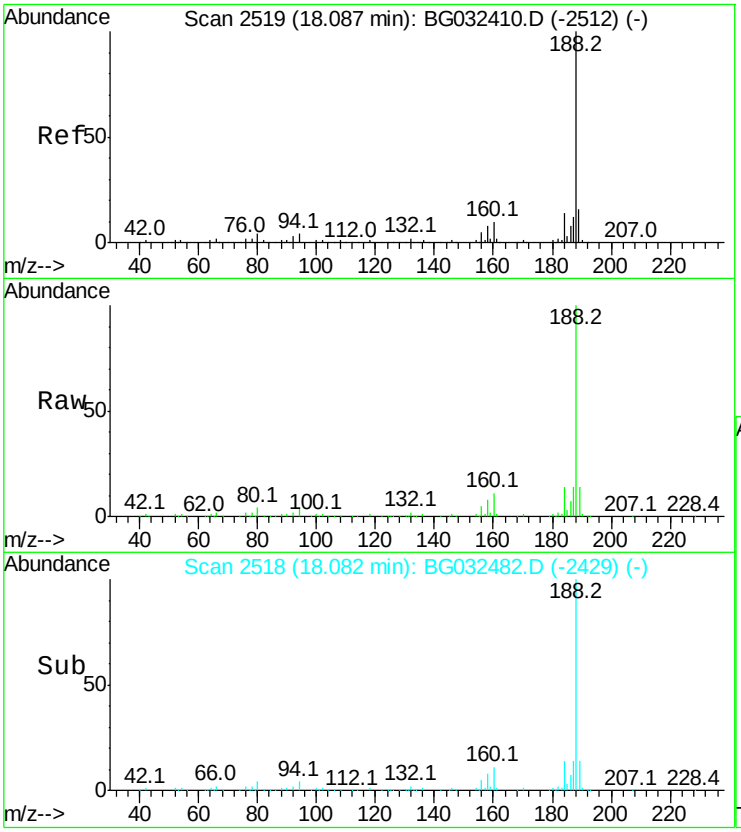


#56
2,4-Dinitrotoluene
Concen: 4.714 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.35 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:165 Resp: 9021

Ion	Ratio	Lower	Upper
165	100		
63	4.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



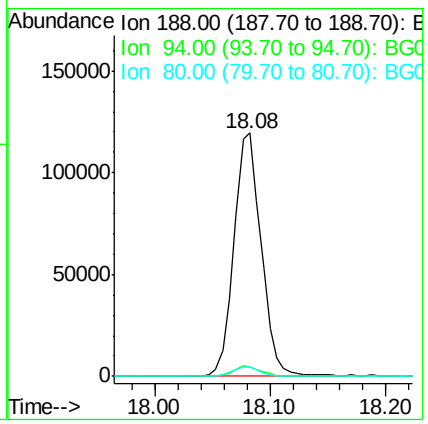


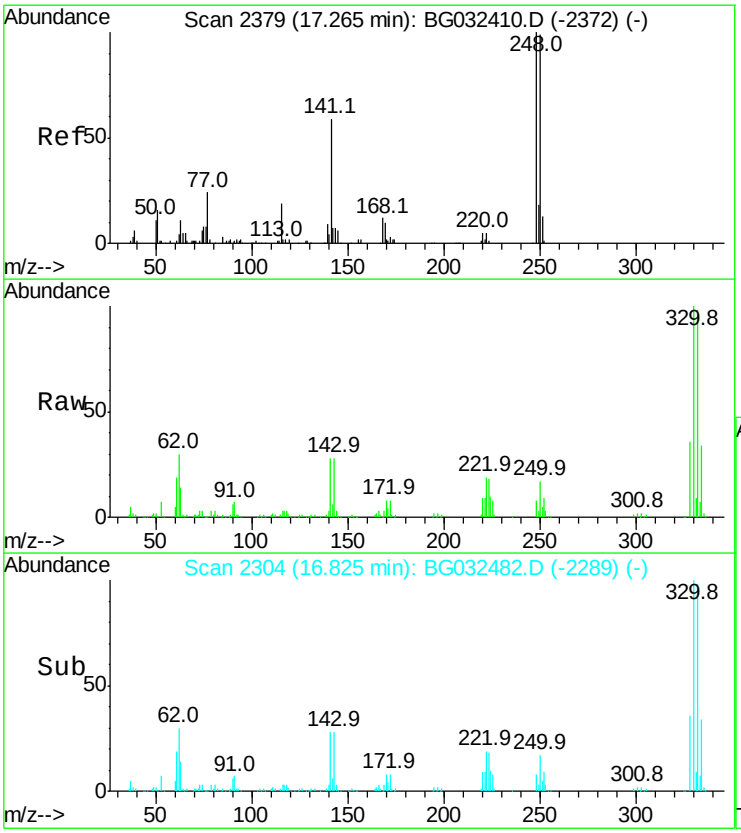
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 194847

Ion	Ratio	Lower	Upper
188	100		
94	3.7	6.9	10.3#
80	3.8	7.7	11.5#

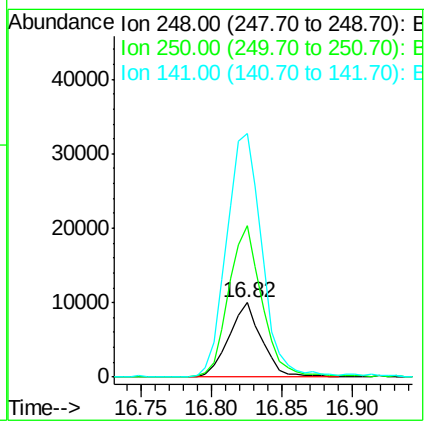


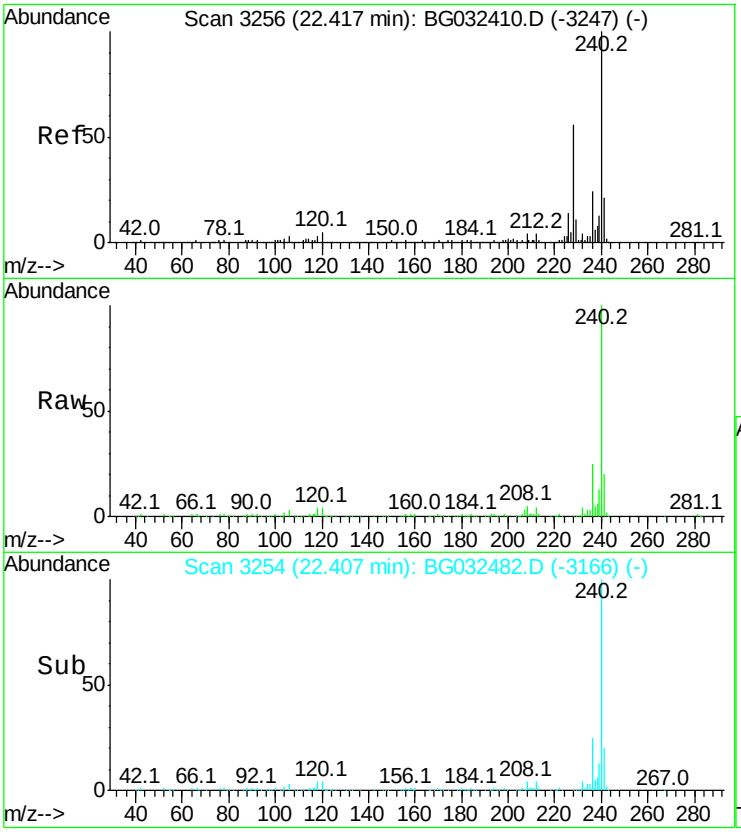


#66
4-Bromophenyl-phenylether
Concen: 5.601 ng
RT: 16.82 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:248 Resp: 16167

Ion	Ratio	Lower	Upper
248	100		
250	204.6	77.1	115.7#
141	327.9	50.8	76.2#



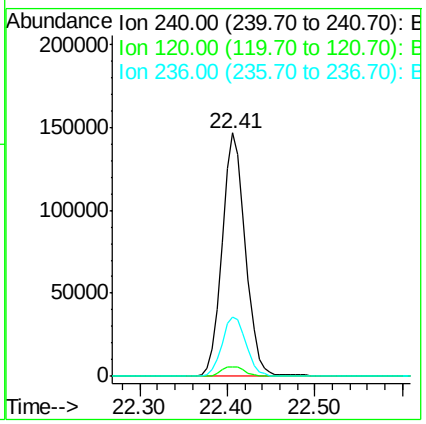


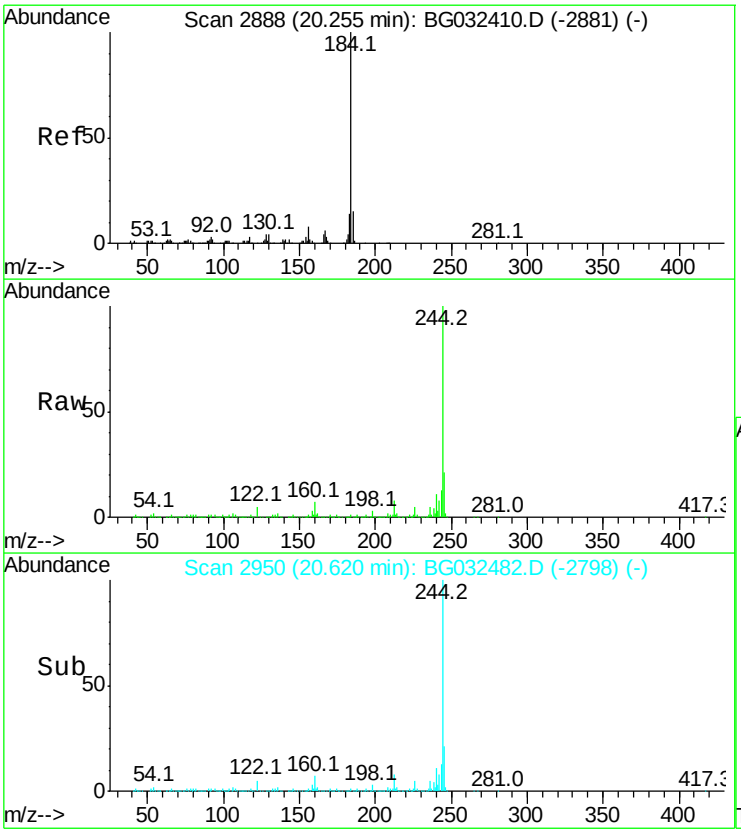
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 267049

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	24.6	20.9	31.3

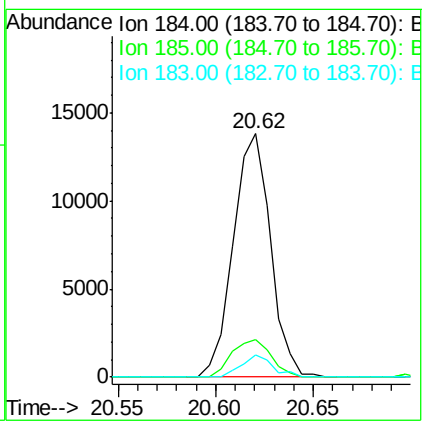


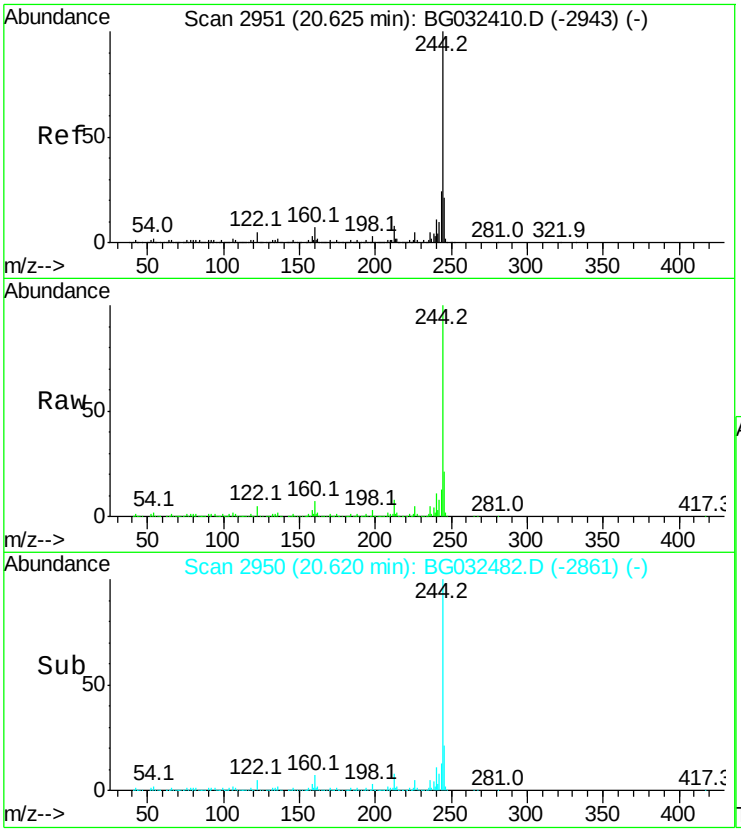


#76
Benzidine
Concen: 3.476 ng
RT: 20.62 min Scan# 2950
Delta R.T. 0.37 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:184 Resp: 18228

Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.1	16.7
183	9.2	10.6	16.0#



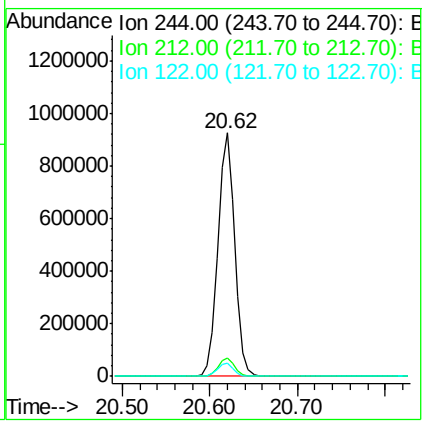


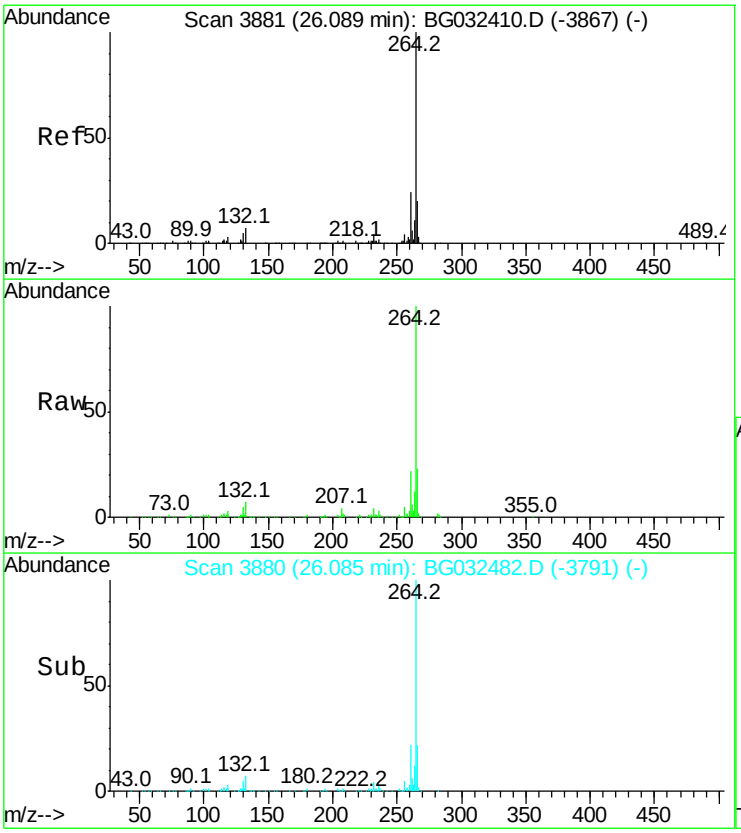
#78
Terphenyl-d14
Concen: 99.337 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1238411

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032482.D
Acq: 1 Feb 2018 2:48

Tgt Ion:264 Resp: 281219

Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	22.8	17.7	26.5