Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032508.D
Acq On : 2 Feb 2018 12:36
Operator : SJ/JU
Sample : J1430-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 02 21:47:57 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	8.72	152	28445	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	114497	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	82934	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	221339	20.00	ng	0.00
75) Chrysene-d12	22.41	240	284142	20.00	ng	-0.01
86) Perylene-d12	26.09	264	300834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	171218	120.90	ng	0.00
7) Phenol-d6	7.84	99	209924	111.08	ng	0.01
23) Nitrobenzene-d5	9.92	82	135646	74.00	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	180443	114.30	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	453945	65.06	ng	-0.01
78) Terphenyl-d14	20.62	244	847443	63.89	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.87	94	8076	4.500	ng	# 36
19) n-Nitroso-di-n-propylamine	9.92	70	19542	15.596	ng	# 76
49) Dimethylphthalate	14.77	163	37237	4.870	ng	# 93
50) 2,6-Dinitrotoluene	15.34	165	10562	6.581	ng	# 22
56) 2,4-Dinitrotoluene	15.34	165	10562	4.622	ng	# 19
66) 4-Bromophenyl-phenylether	16.83	248	14990	4.571	ng	# 1
76) Benzidine	20.61	184	12013	2.153	ng	# 89

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

Quantitation Report (Not Reviewed)

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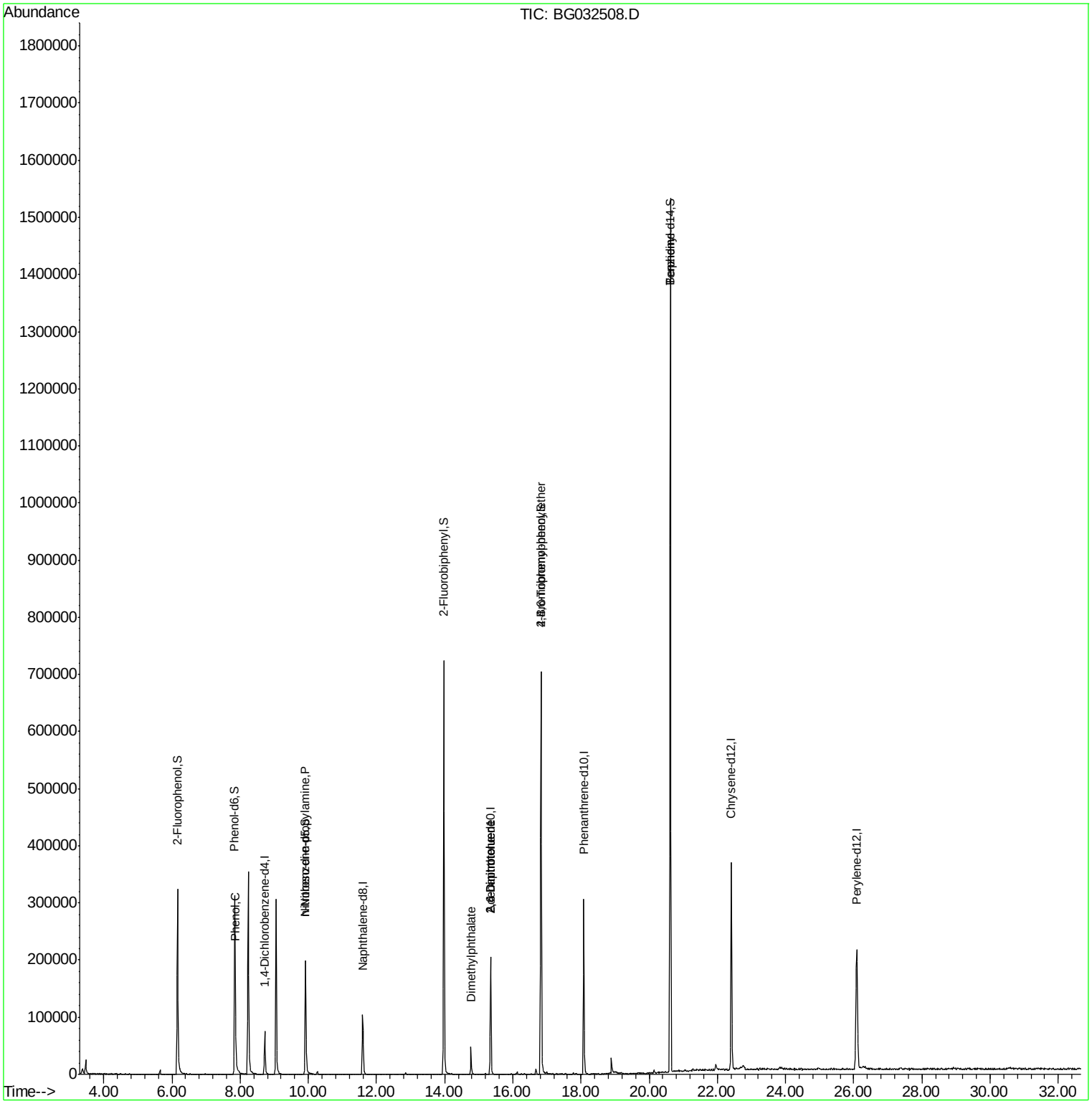
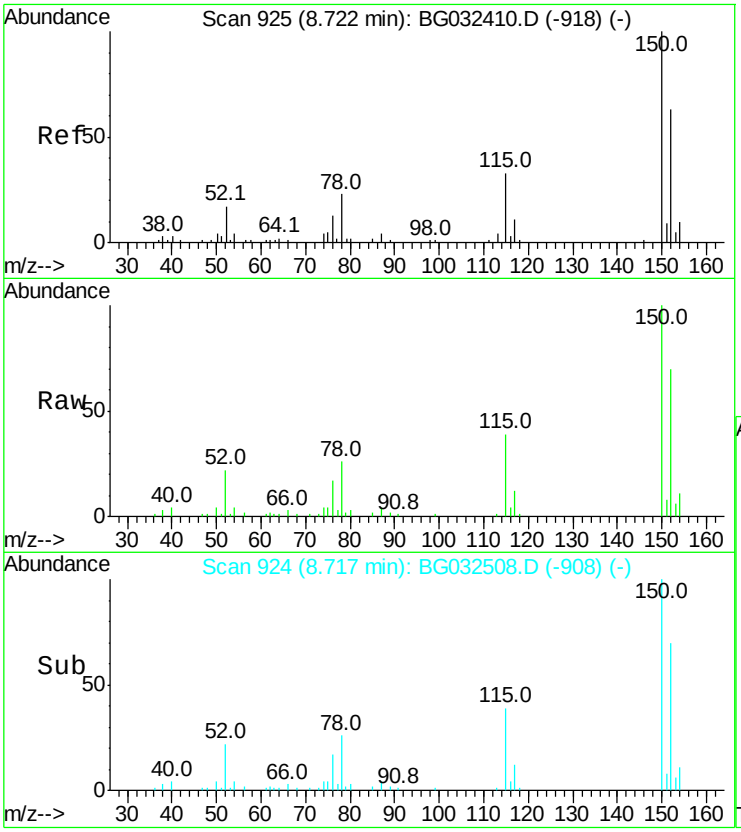
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration



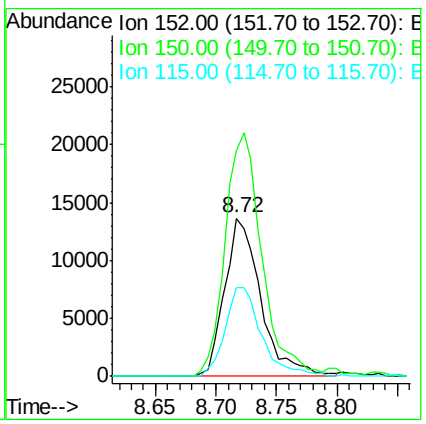


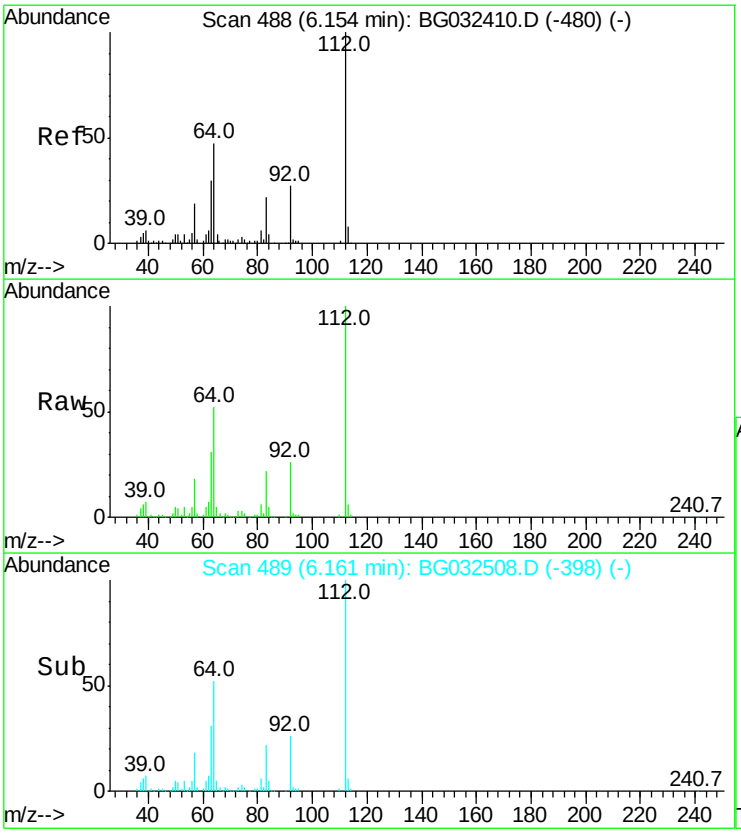
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28445

Ion	Ratio	Lower	Upper
152	100		
150	143.2	126.6	189.8
115	56.1	53.0	79.4

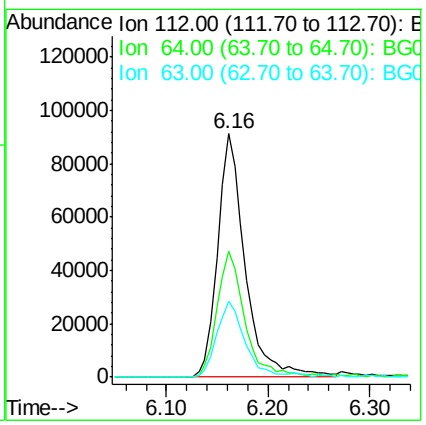


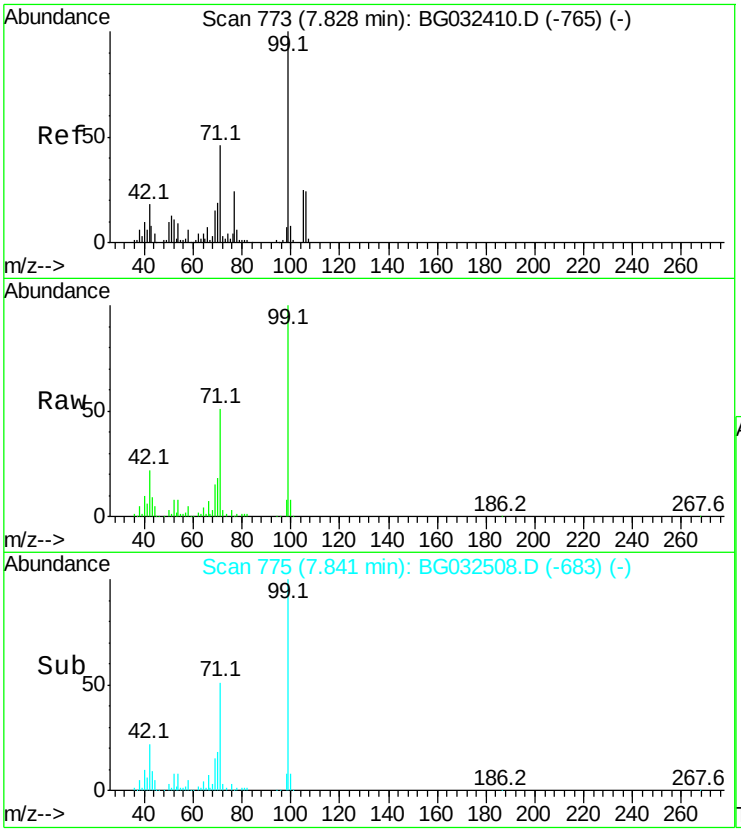


#5
2-Fluorophenol
Concen: 120.900 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:112 Resp: 171218

Ion	Ratio	Lower	Upper
112	100		
64	51.6	56.3	84.5#
63	31.3	30.1	45.1



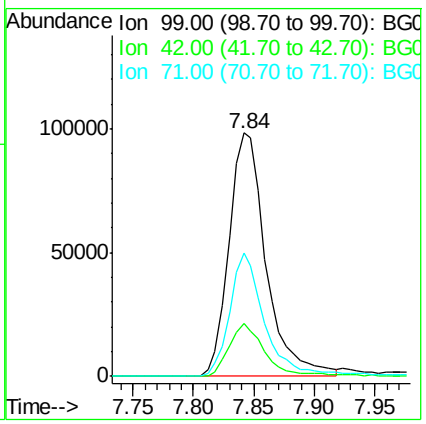


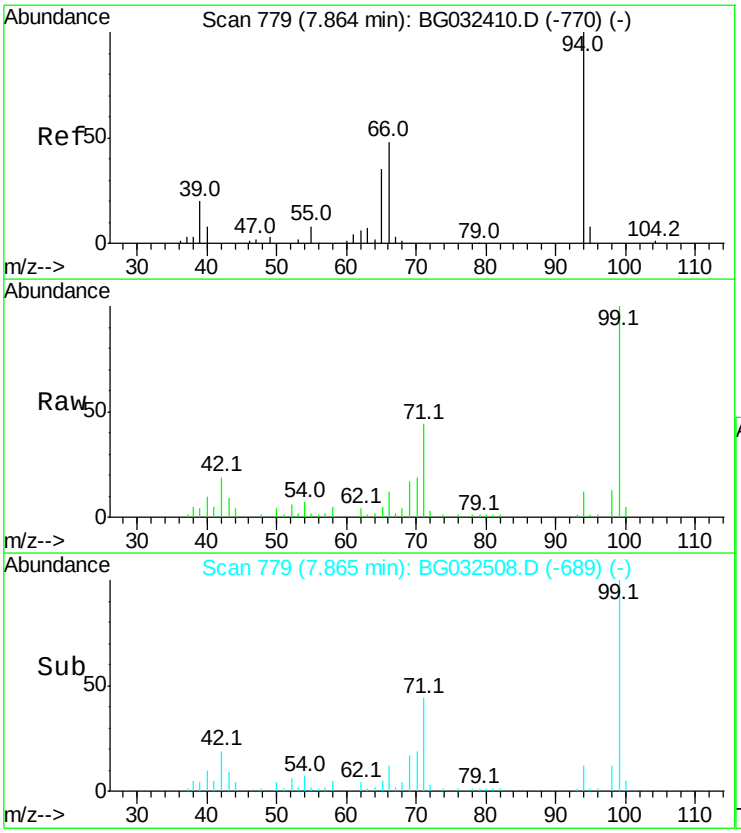
#7
Phenol-d6
Concen: 111.083 ng
RT: 7.84 min Scan# 775
Delta R.T. 0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 209924

Ion	Ratio	Lower	Upper
99	100		
42	21.6	14.1	21.1#
71	50.6	26.1	39.1#

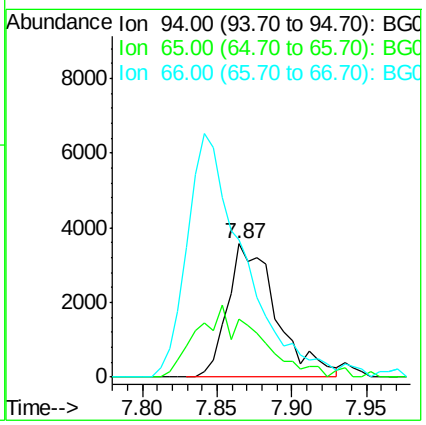


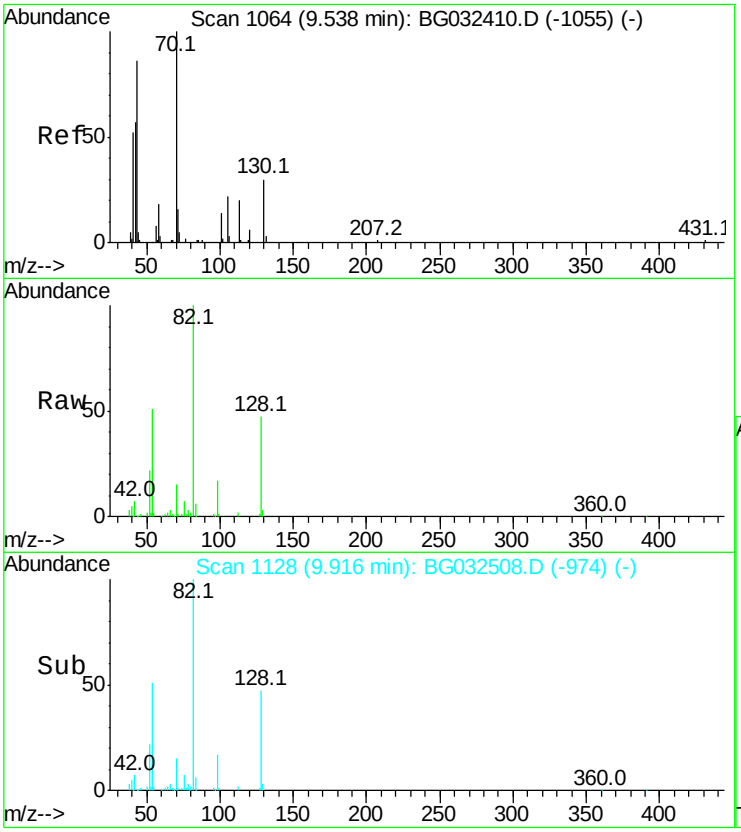


#10
Phenol
Concen: 4.500 ng
RT: 7.87 min Scan# 779
Delta R.T. 0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion: 94 Resp: 8076

Ion	Ratio	Lower	Upper
94	100		
65	43.6	11.9	51.9
66	103.1	22.2	62.2#



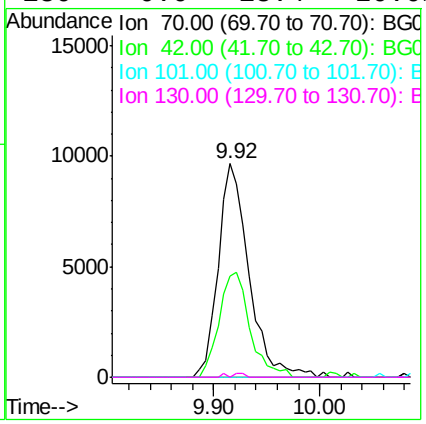


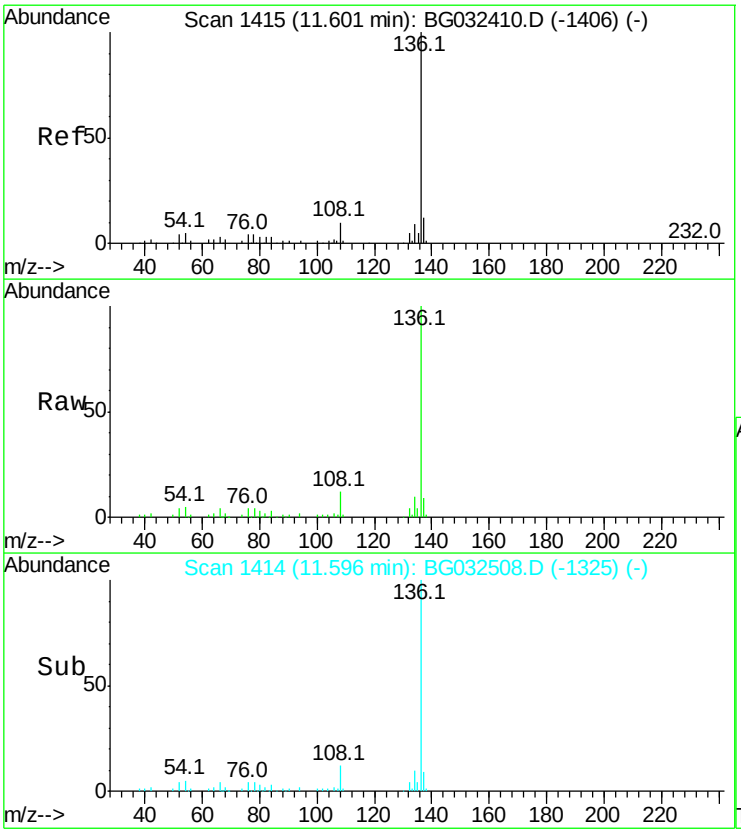
#19
n-Nitroso-di-n-propylamine
Concen: 15.596 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19542

Ion	Ratio	Lower	Upper
70	100		
42	47.2	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

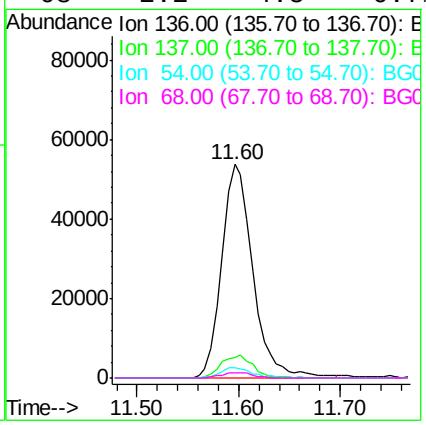


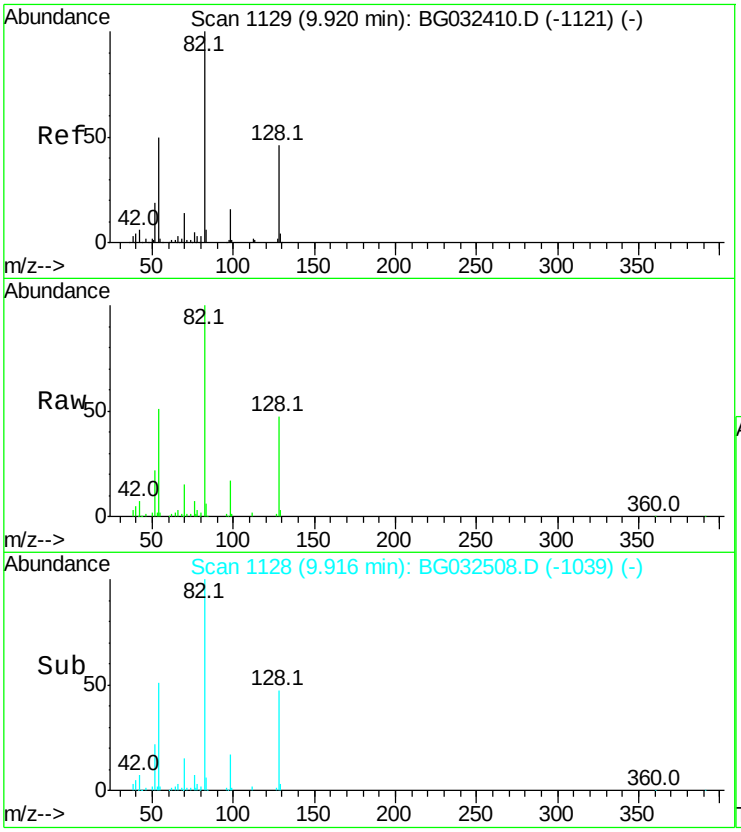


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:136 Resp: 114497

Ion	Ratio	Lower	Upper
136	100		
137	9.4	9.2	13.8
54	4.6	10.3	15.5#
68	2.2	4.5	6.7#



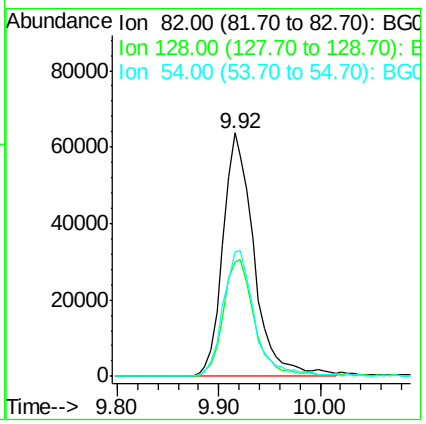


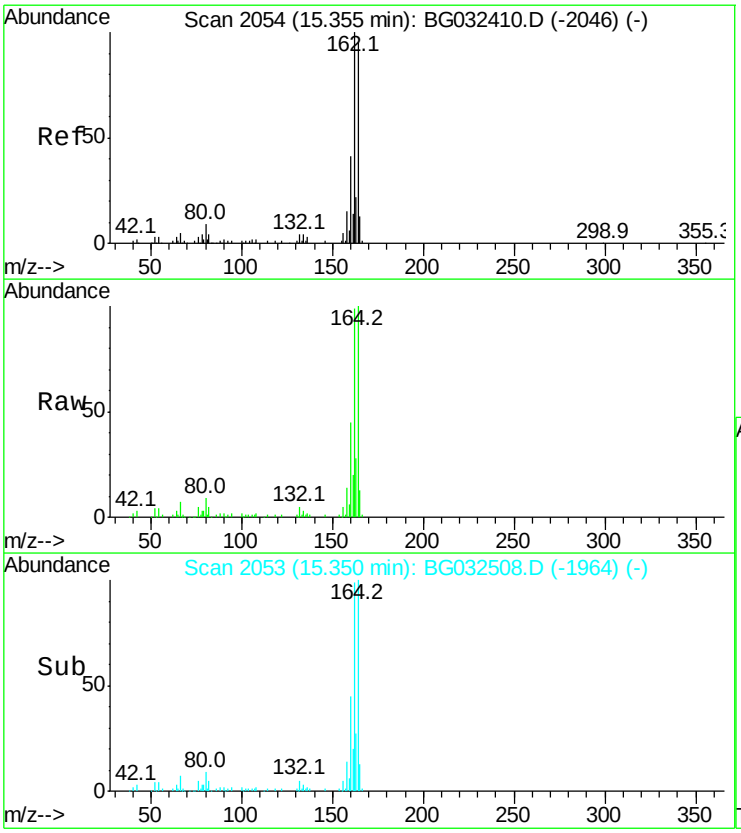
#23
Nitrobenzene-d5
Concen: 73.998 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 135646

Ion	Ratio	Lower	Upper
82	100		
128	46.8	29.7	44.5#
54	51.3	43.1	64.7

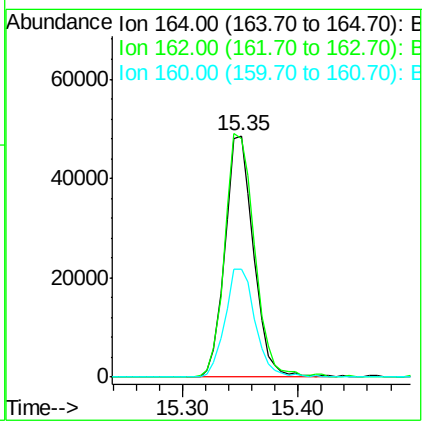


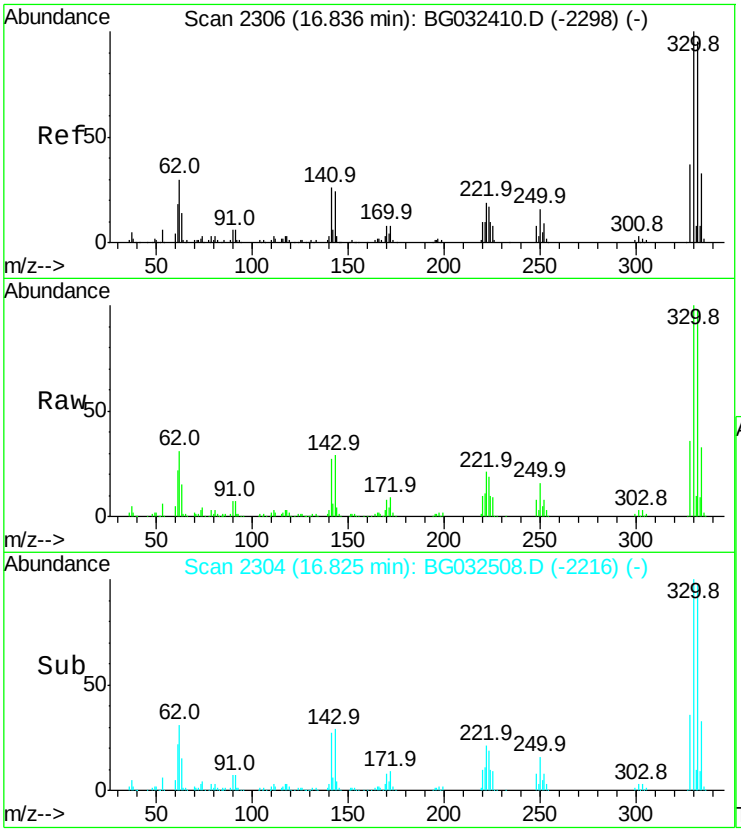


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:164 Resp: 82934

Ion	Ratio	Lower	Upper
164	100		
162	98.8	78.8	118.2
160	44.6	35.4	53.0



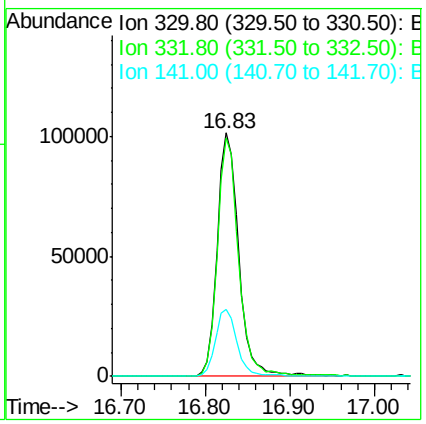


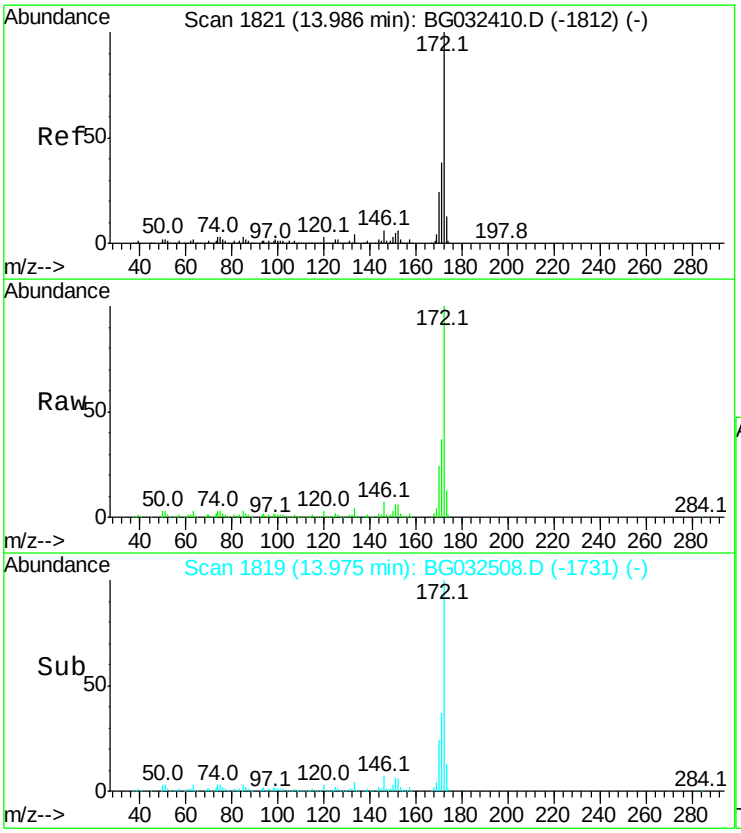
#41
2,4,6-Tribromophenol
Concen: 114.302 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 180443

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	27.7	25.2	37.8

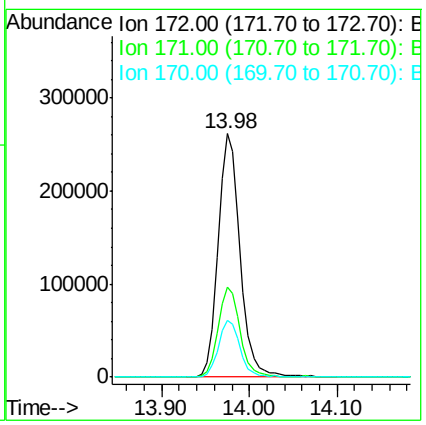


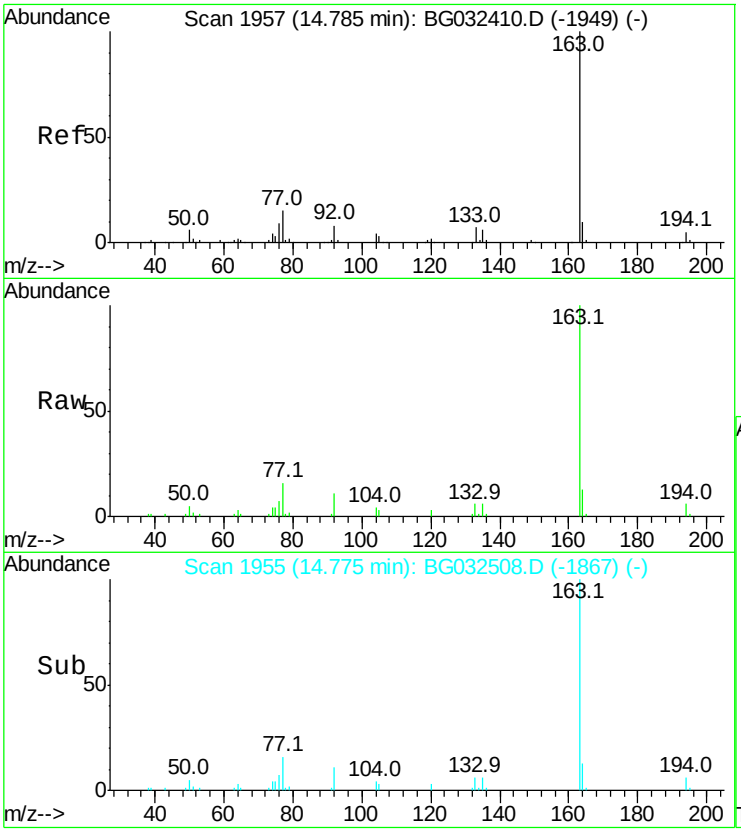


#44
2-Fluorobiphenyl
Concen: 65.057 ng
RT: 13.98 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:172 Resp: 453945

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.5	19.5	29.3



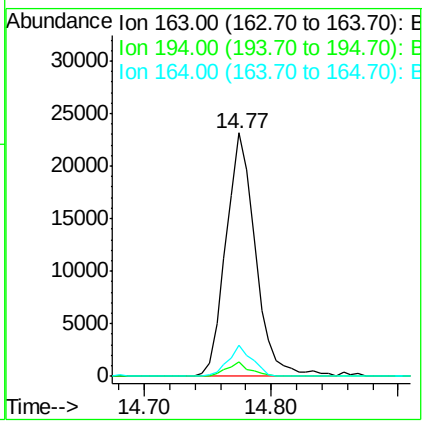


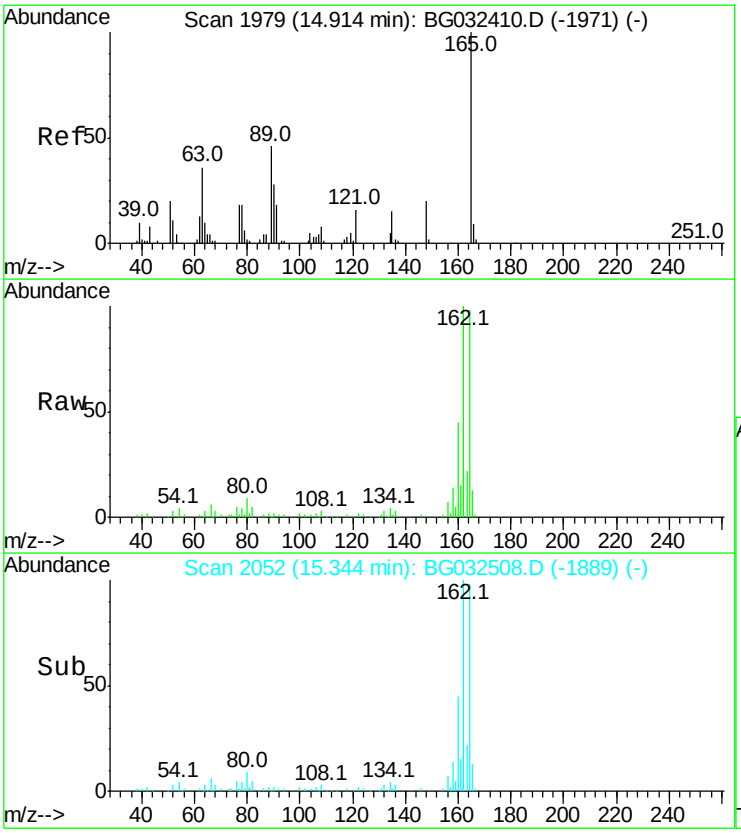
#49
Dimethylphthalate
Concen: 4.870 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 37237

Ion	Ratio	Lower	Upper
163	100		
194	6.2	3.4	5.2#
164	13.0	8.2	12.4#

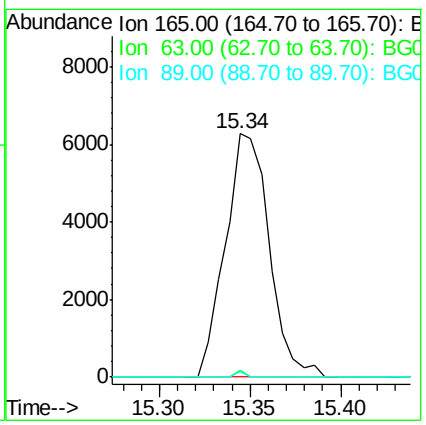


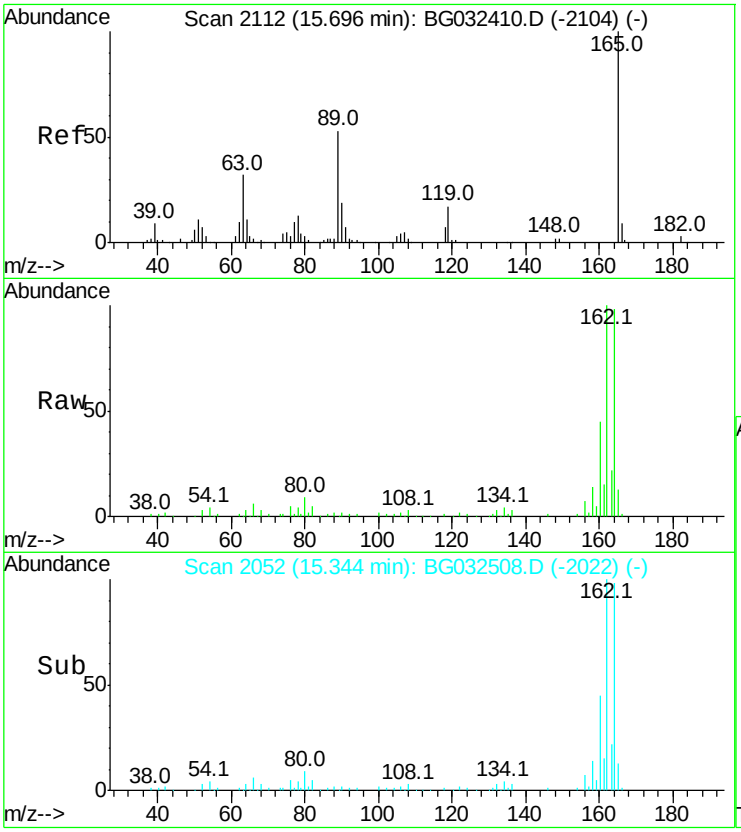


#50
2,6-Dinitrotoluene
Concen: 6.581 ng
RT: 15.34 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:165 Resp: 10562

Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	2.4	49.2	73.8#



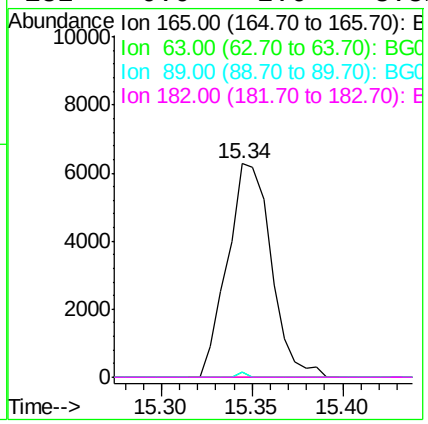


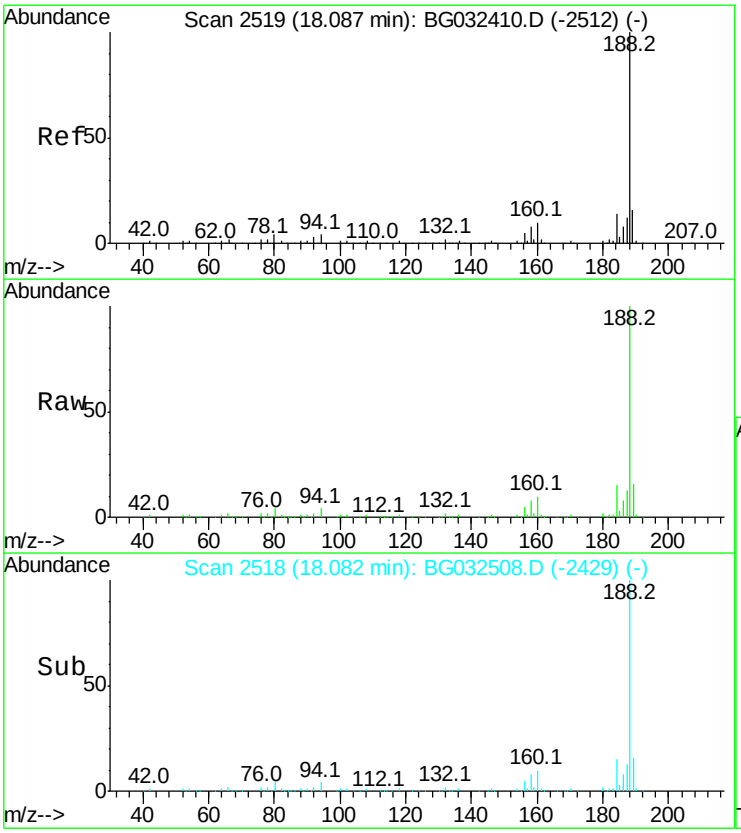
#56
2,4-Dinitrotoluene
Concen: 4.622 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 10562

Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	2.4	66.9	100.3#
182	0.0	2.6	3.8#

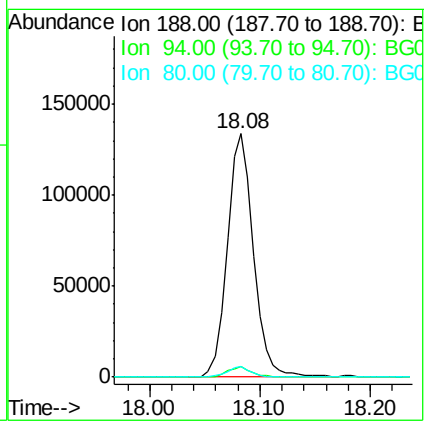


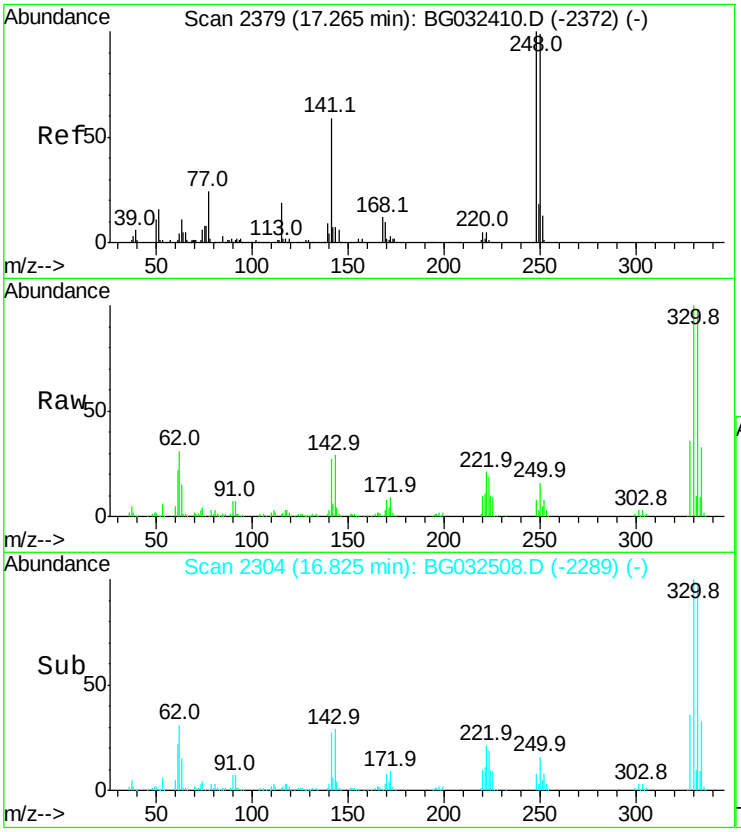


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2518
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:188 Resp: 221339

Ion	Ratio	Lower	Upper
188	100		
94	4.2	6.9	10.3#
80	4.3	7.7	11.5#



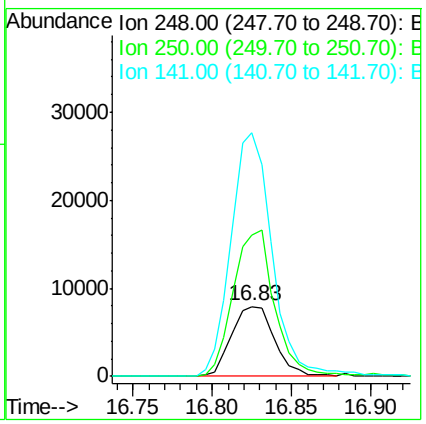


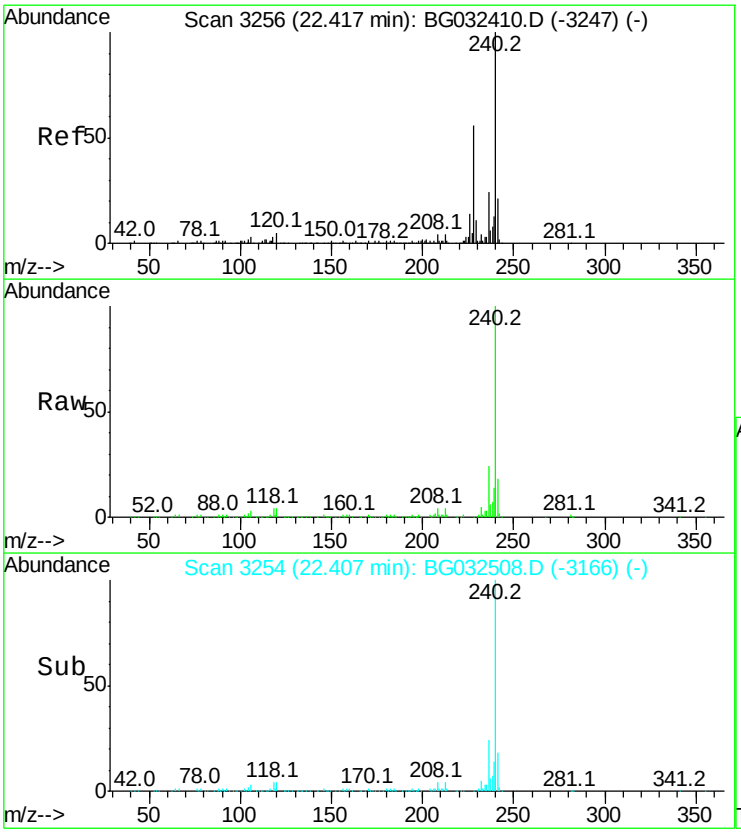
#66
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14990

Ion	Ratio	Lower	Upper
248	100		
250	201.8	77.1	115.7#
141	348.6	50.8	76.2#

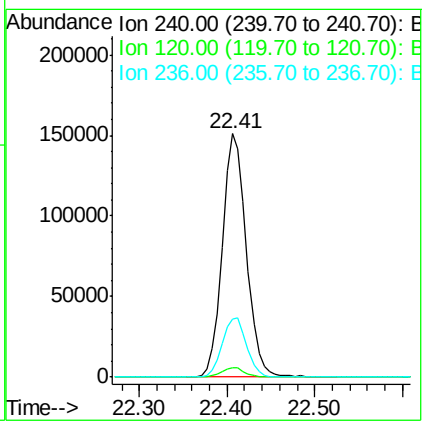


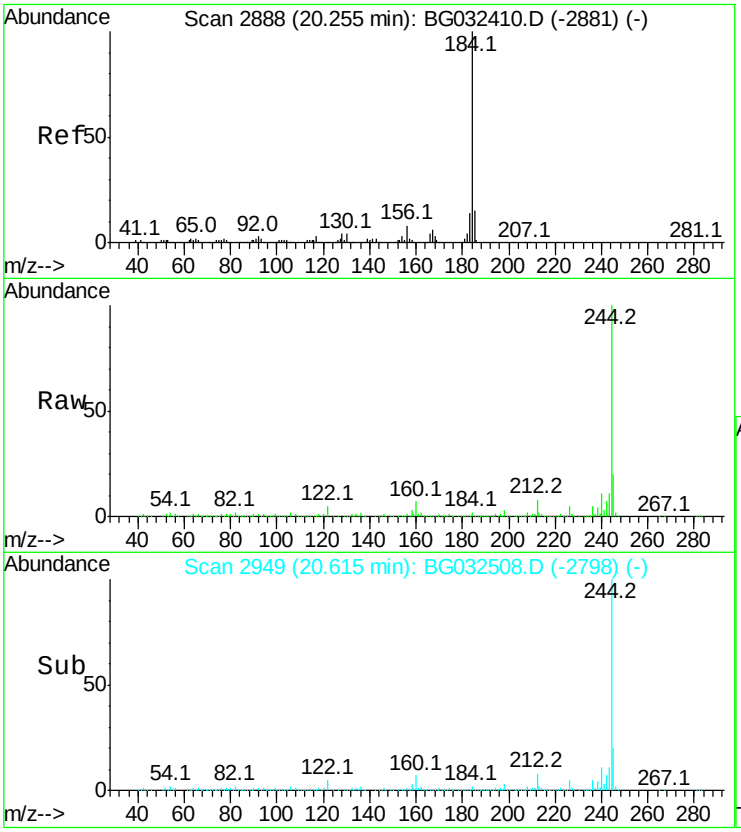


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:240 Resp: 284142

Ion	Ratio	Lower	Upper
240	100		
120	3.9	6.8	10.2#
236	24.0	20.9	31.3



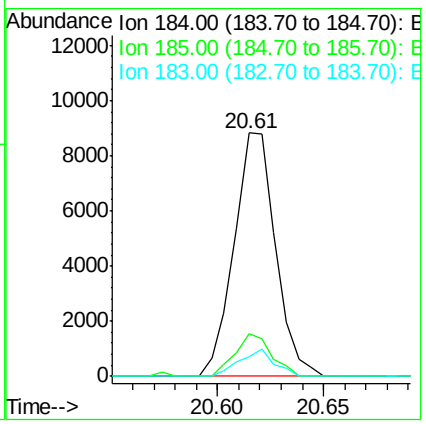


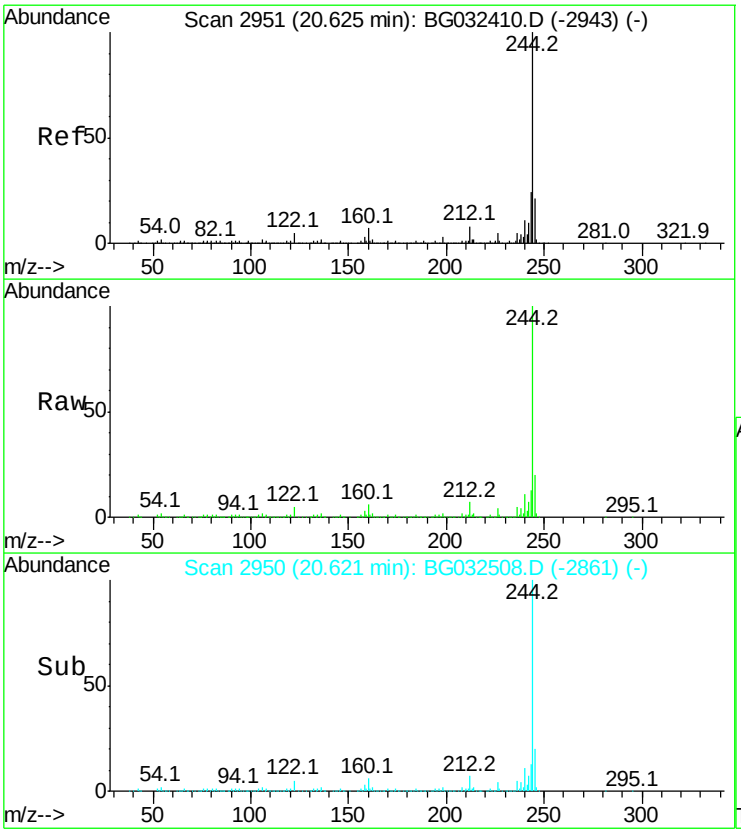
#76
Benzidine
Concen: 2.153 ng
RT: 20.61 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 12013

Ion	Ratio	Lower	Upper
184	100		
185	17.4	11.1	16.7#
183	8.0	10.6	16.0#

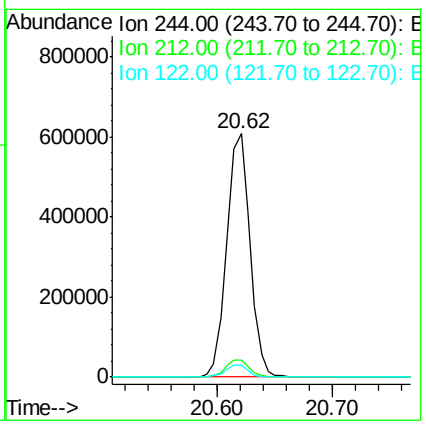


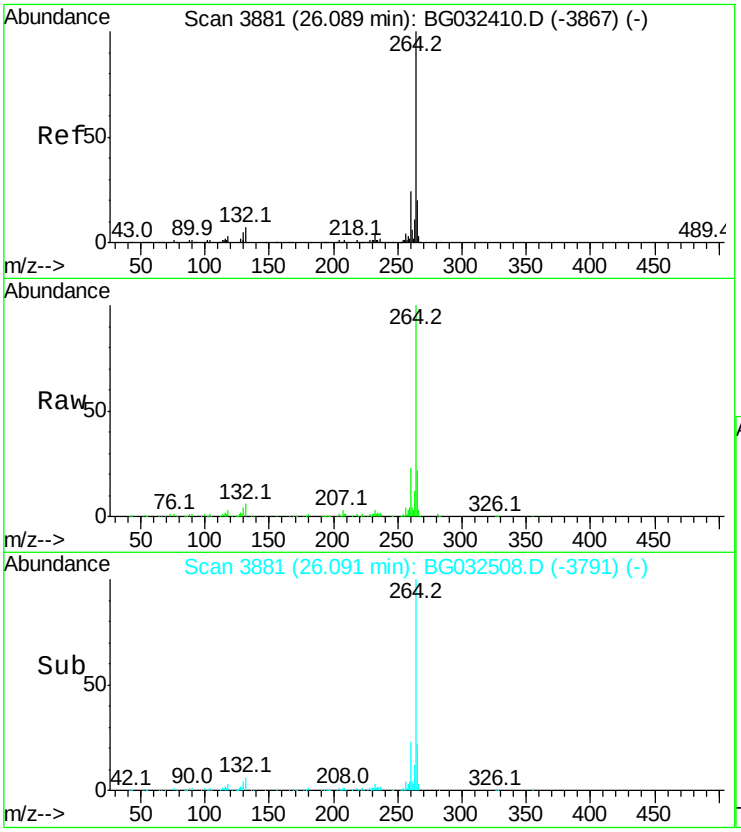


#78
Terphenyl-d14
Concen: 63.887 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Tgt Ion:244 Resp: 847443

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	5.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. 0.00 min
Lab File: BG032508.D
Acq: 2 Feb 2018 12:36

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 300834

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.3	17.7	26.5