Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
Data File : BG032116.D
Acq On : 18 Jan 2018 00:51
Operator : SJ/JU
Sample : PB105730BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 18 05:21:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	51868	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	197221	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	129889	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	350829	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	473220	20.00	ng	-0.03
86) Perylene-d12	26.15	264	504237	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	358435	126.39	ng	-0.02
7) Phenol-d6	7.85	99	427483	119.69	ng	-0.02
23) Nitrobenzene-d5	9.94	82	250747	86.02	ng	-0.03
41) 2,4,6-Tribromophenol	16.85	330	278129	129.40	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	845764	80.74	ng	-0.03
78) Terphenyl-d14	20.65	244	1740505	81.21	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	9.08	79	5261	2.028	ng	# 45
19) n-Nitroso-di-n-propylamine	9.94	70	34645	15.633	ng	# 69
50) 2,6-Dinitrotoluene	15.38	165	16704	7.080	ng	# 19
53) 2,4-Dinitrophenol	15.61	184	54	7.005	ng	# 1
56) 2,4-Dinitrotoluene	15.38	165	16704	5.259	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.85	198	852	5.225	ng	# 44
66) 4-Bromophenyl-phenylether	16.85	248	22919	4.591	ng	# 1

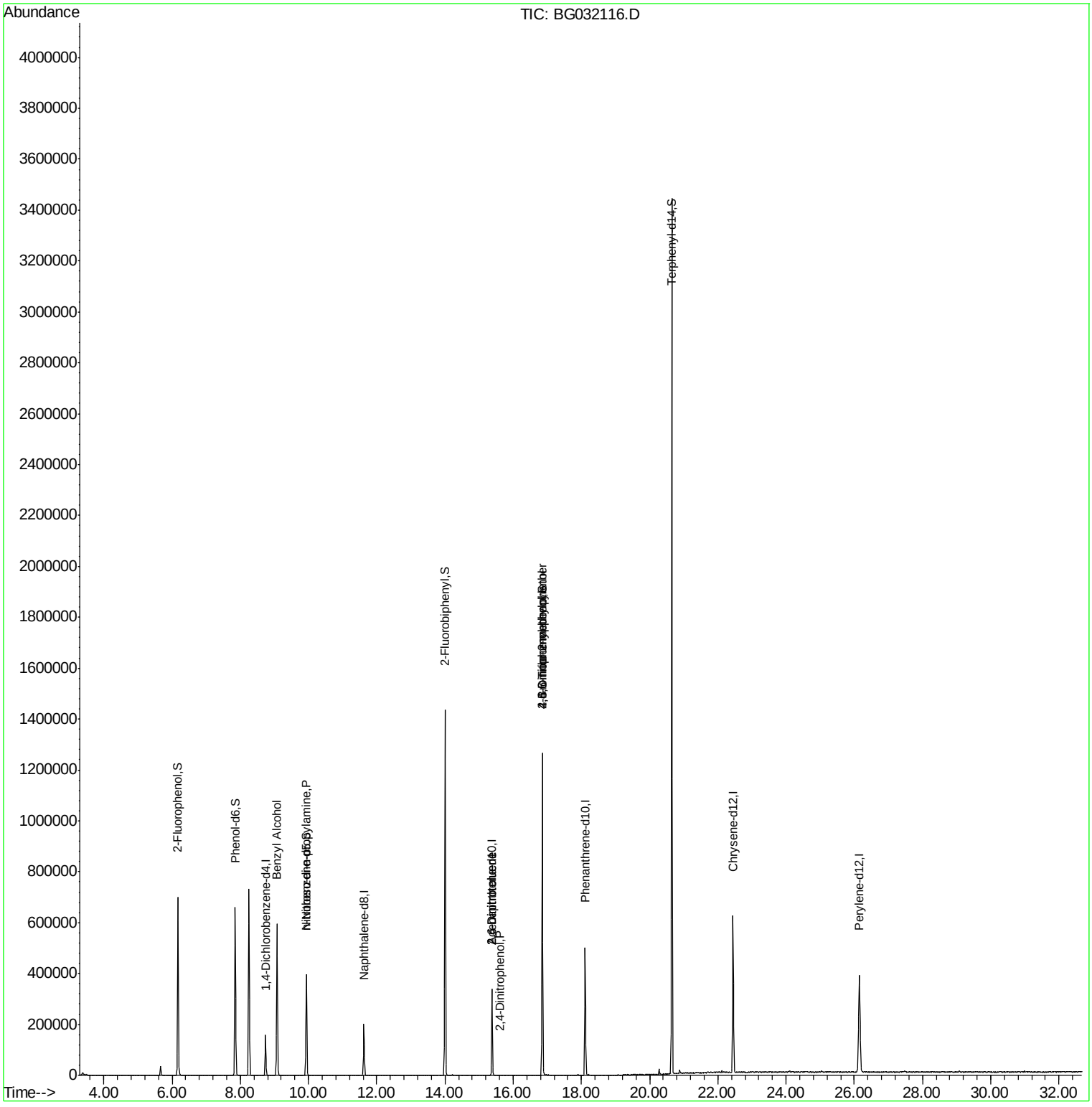
(#) = qualifier out of range (m) = manual integration (+) = signals summed

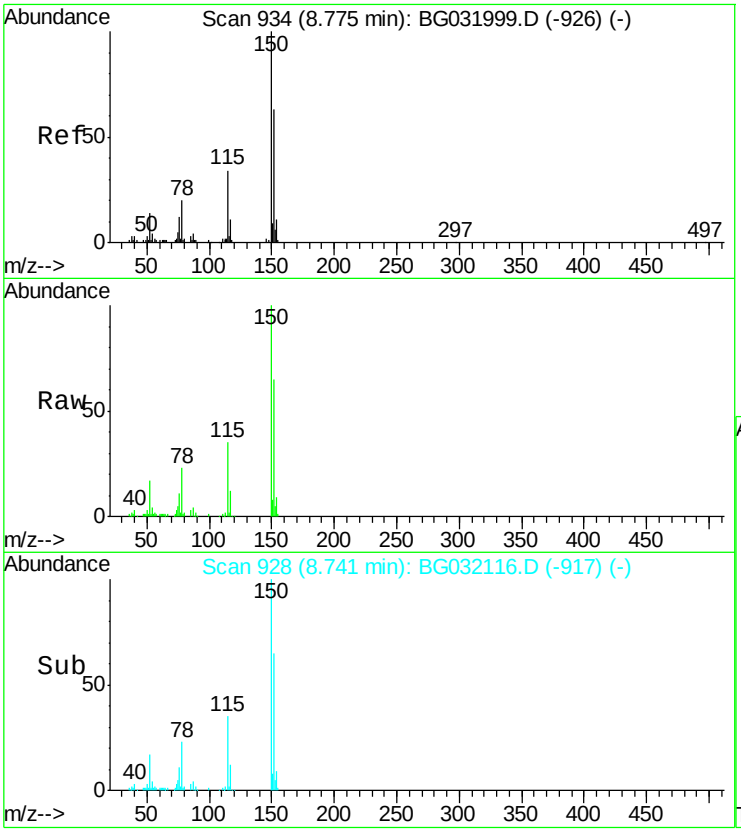
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011718\
Data File : BG032116.D
Acq On : 18 Jan 2018 00:51
Operator : SJ/JU
Sample : PB105730BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 18 05:21:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



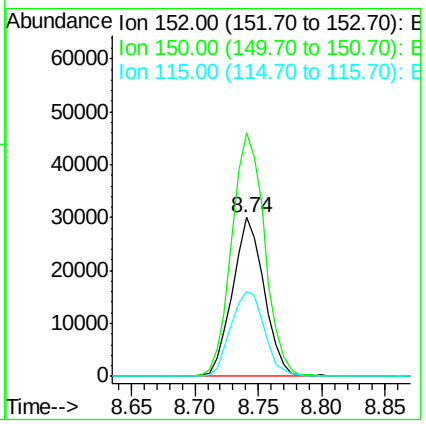


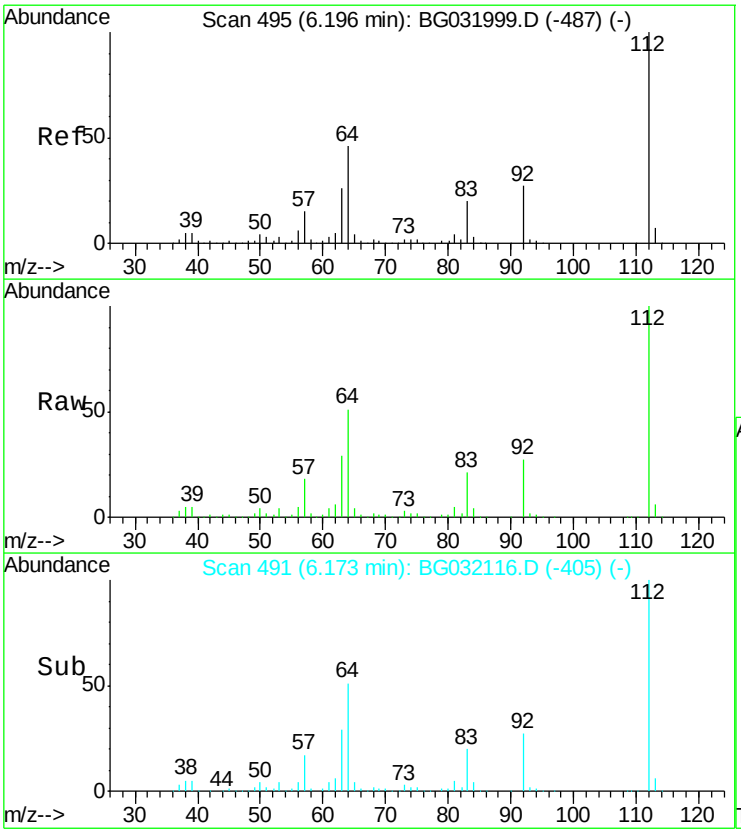
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51868

Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.6	189.8
115	53.1	53.0	79.4

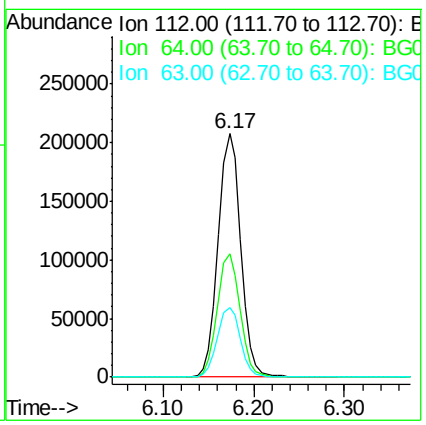


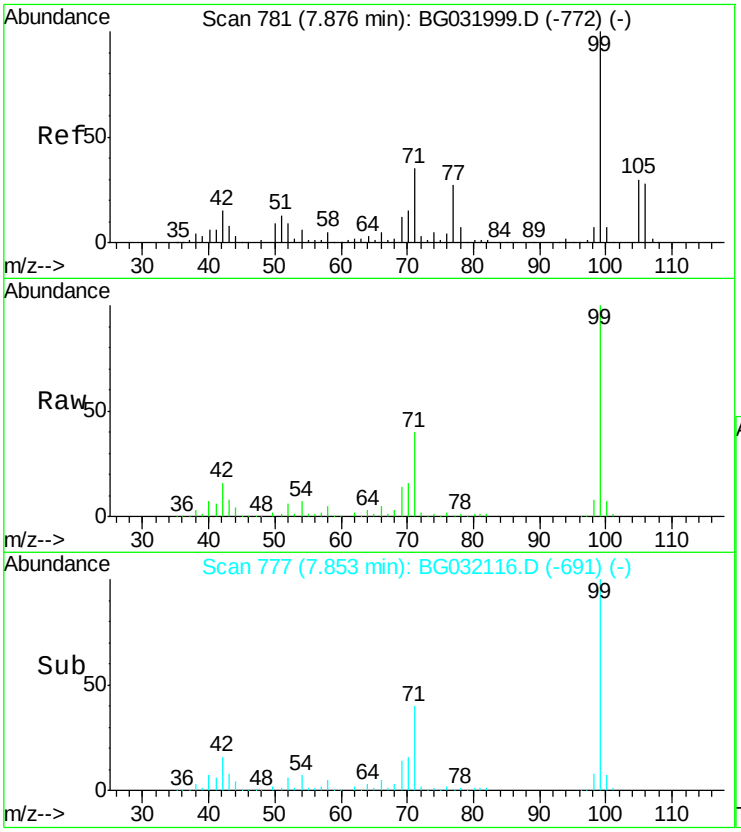


#5
2-Fluorophenol
Concen: 126.389 ng
RT: 6.17 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:112 Resp: 358435

Ion	Ratio	Lower	Upper
112	100		
64	50.9	56.3	84.5#
63	28.6	30.1	45.1#



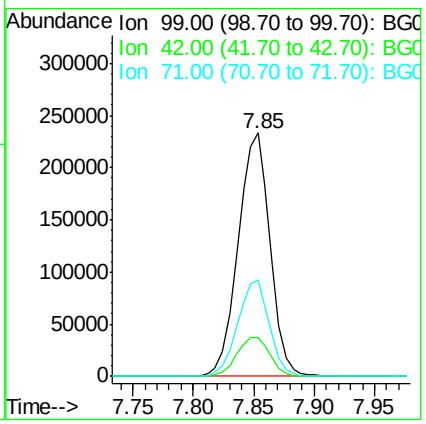


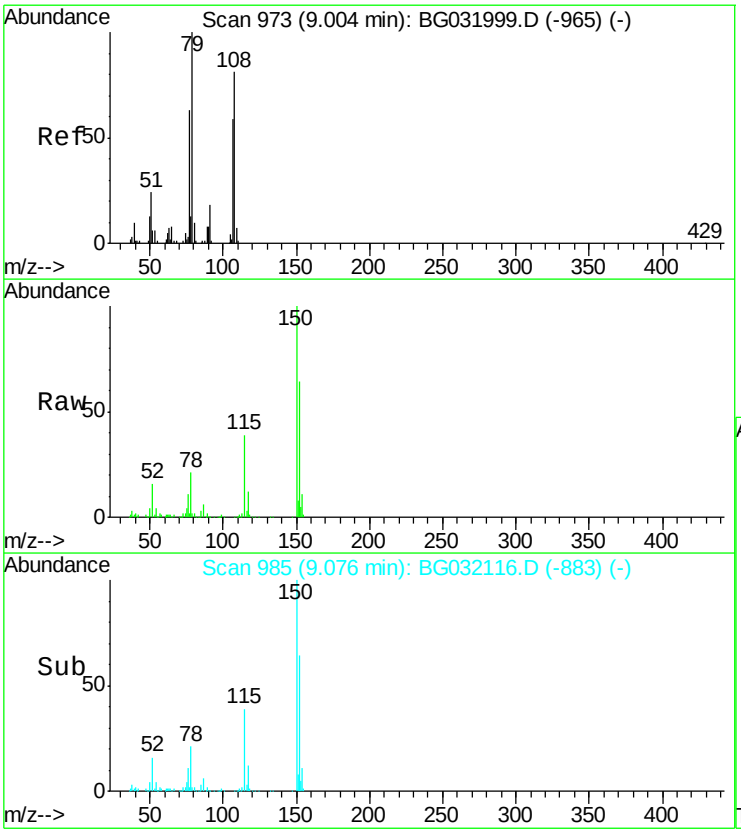
#7
Phenol-d6
Concen: 119.685 ng
RT: 7.85 min Scan# 777
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 427483

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	39.6	26.1	39.1#

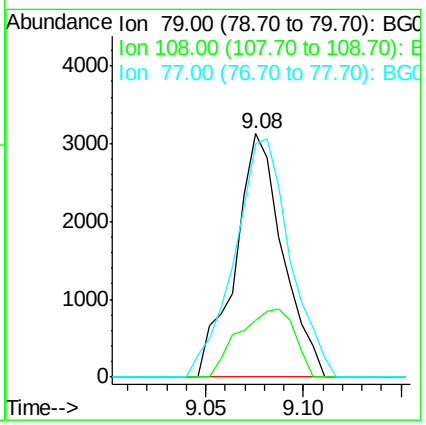


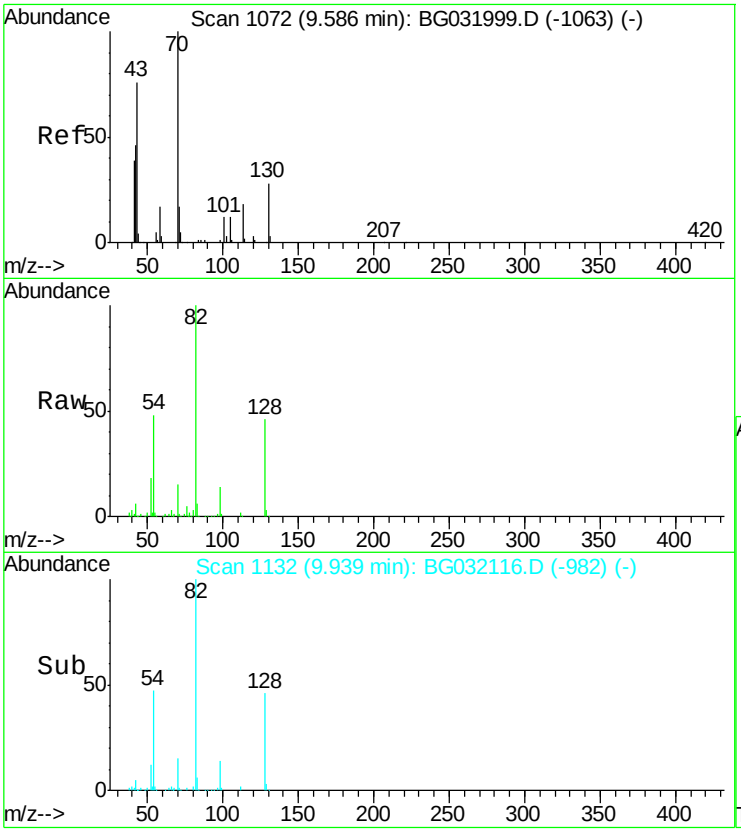


#15
Benzyl Alcohol
Concen: 2.028 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.07 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion: 79 Resp: 5261

Ion	Ratio	Lower	Upper
79	100		
108	23.2	57.2	85.8#
77	96.1	46.1	69.1#



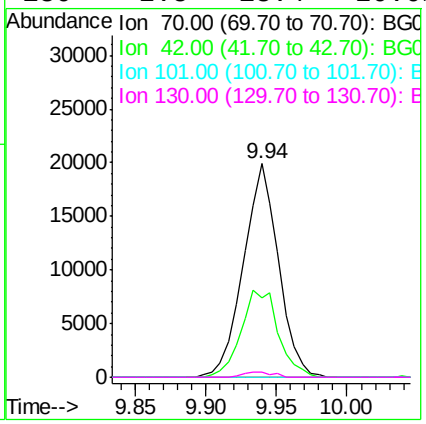


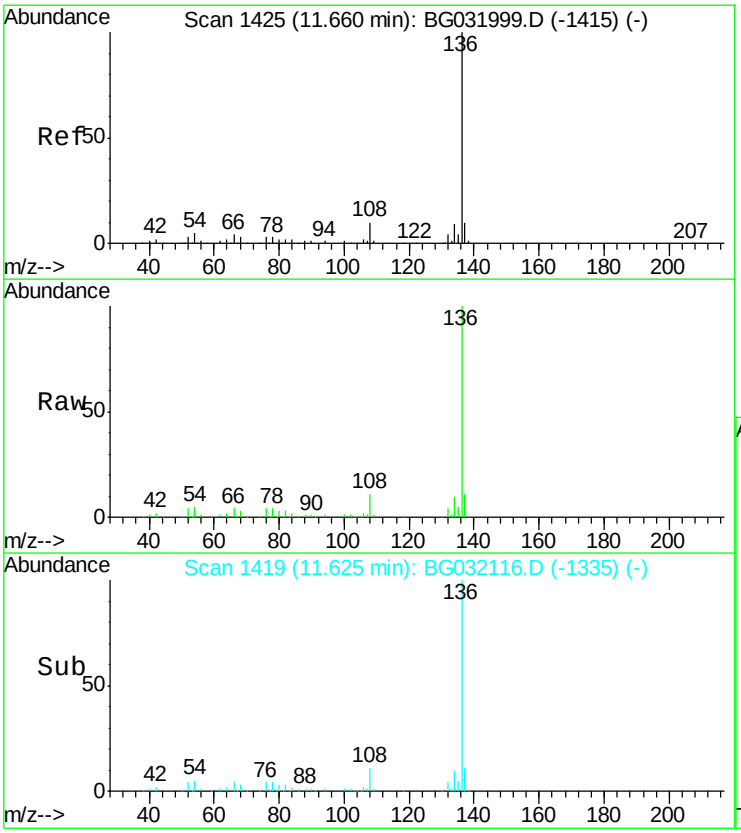
#19
n-Nitroso-di-n-propylamine
Concen: 15.633 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.35 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 34645

Ion	Ratio	Lower	Upper
70	100		
42	37.5	49.1	73.7#
101	0.0	8.5	12.7#
130	2.5	13.4	20.0#

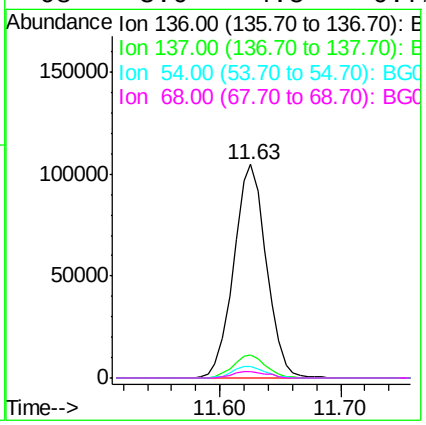


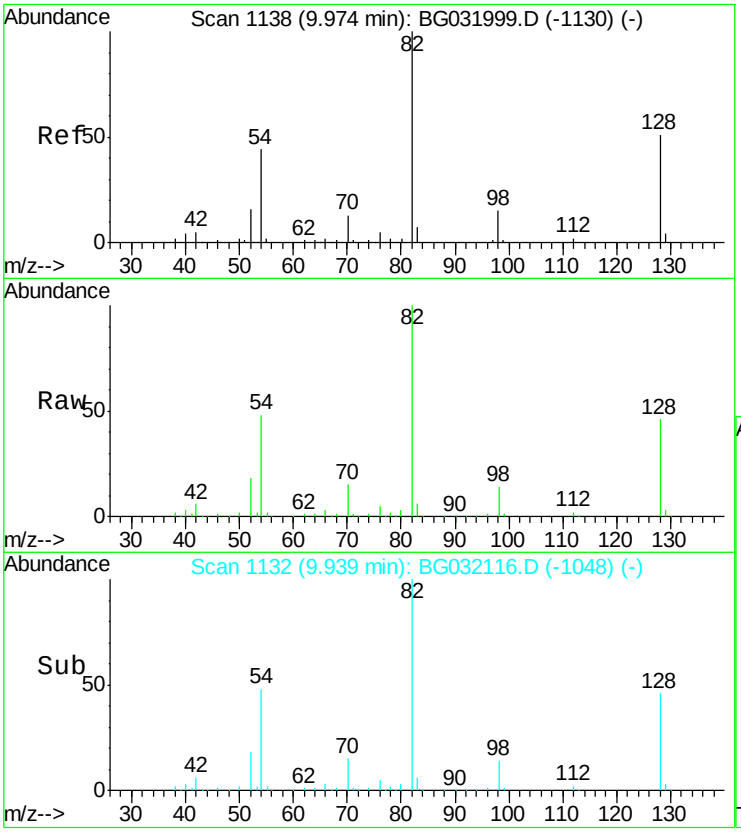


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:136 Resp: 197221

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	5.4	10.3	15.5#
68	3.0	4.5	6.7#



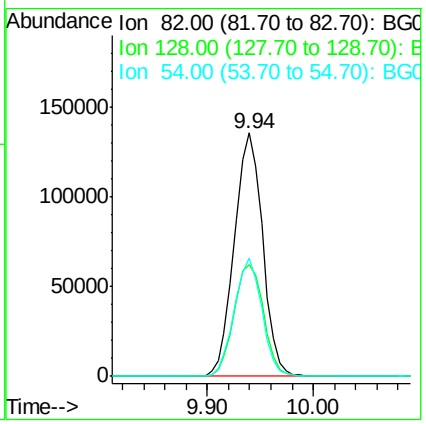


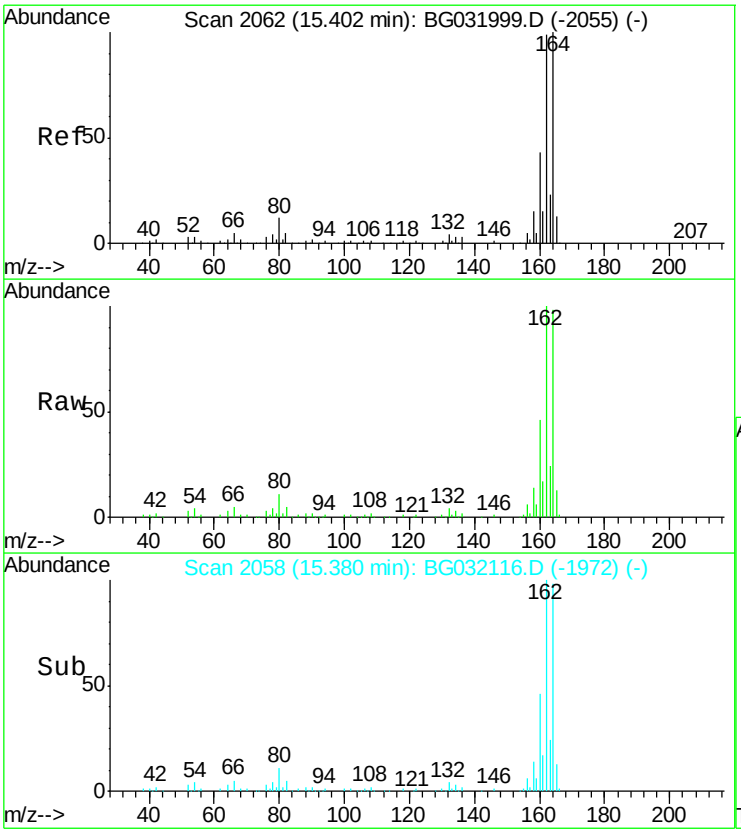
#23
Nitrobenzene-d5
Concen: 86.016 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 250747

Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	48.5	43.1	64.7

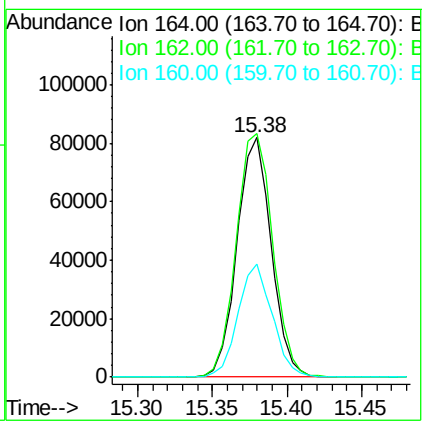


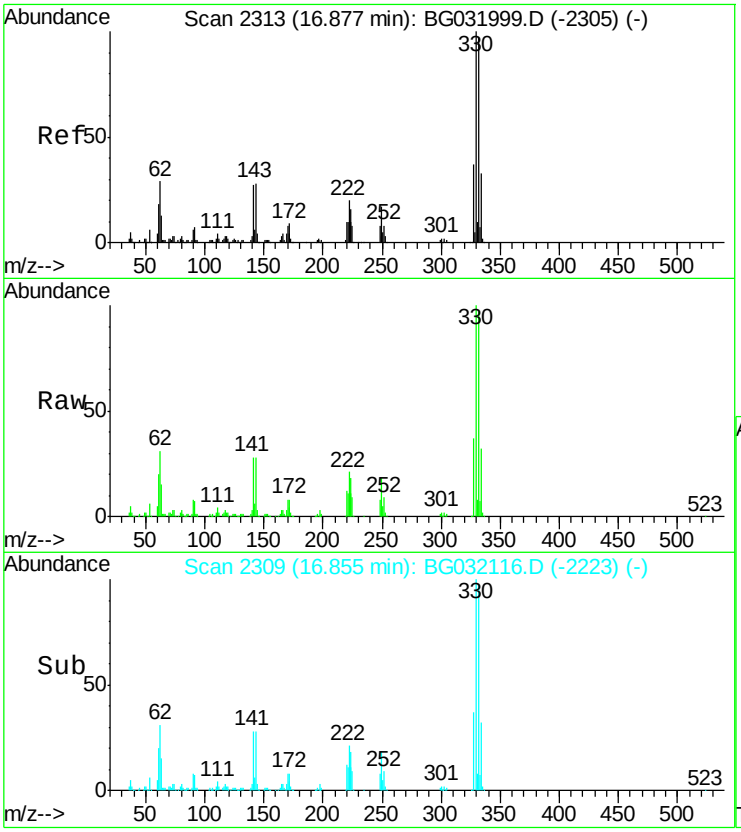


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:164 Resp: 129889

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	47.2	35.4	53.0



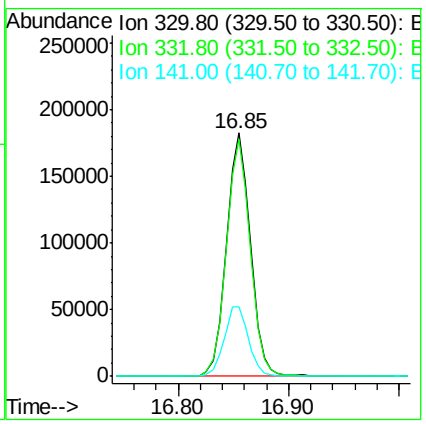


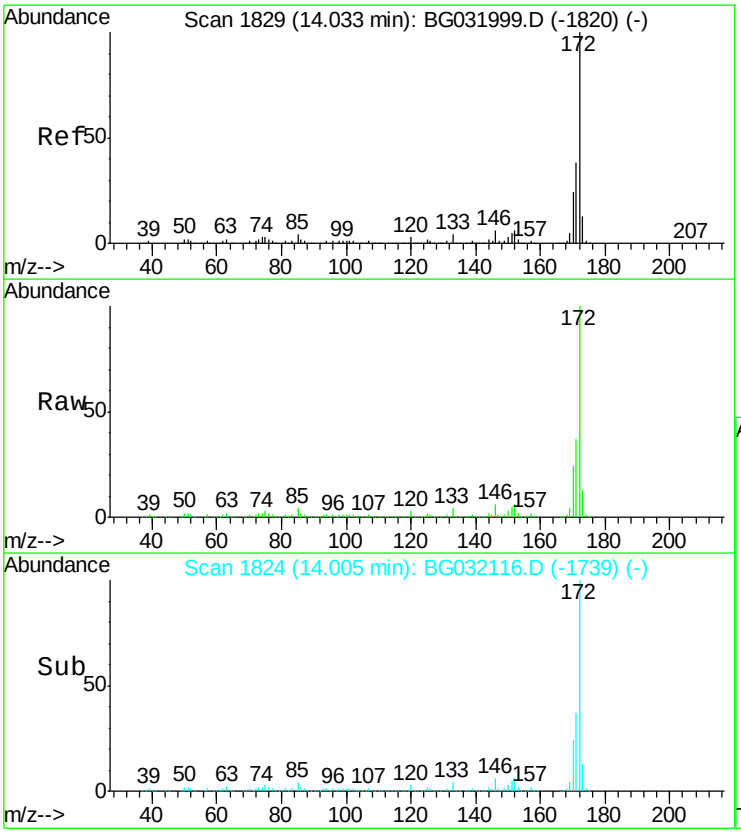
#41
2,4,6-Tribromophenol
Concen: 129.401 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 278129

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.0	25.2	37.8

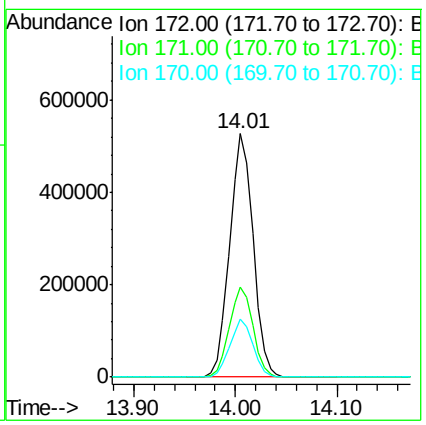


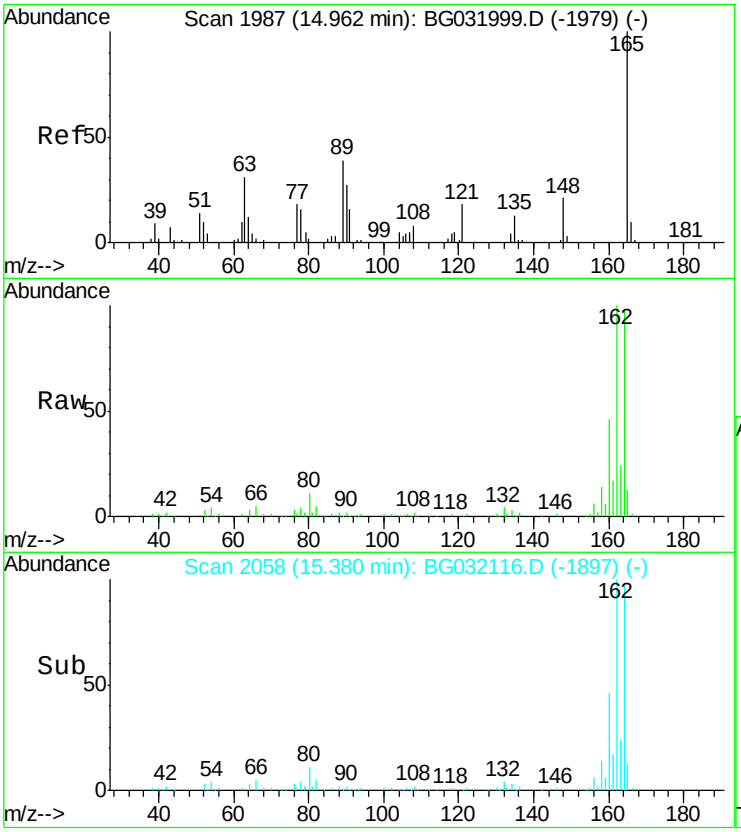


#44
2-Fluorobiphenyl
Concen: 80.739 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:172 Resp: 845764

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.8	19.5	29.3



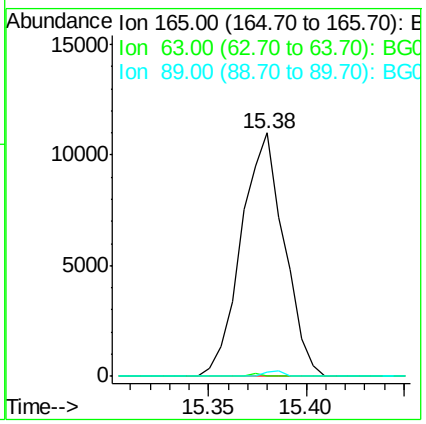


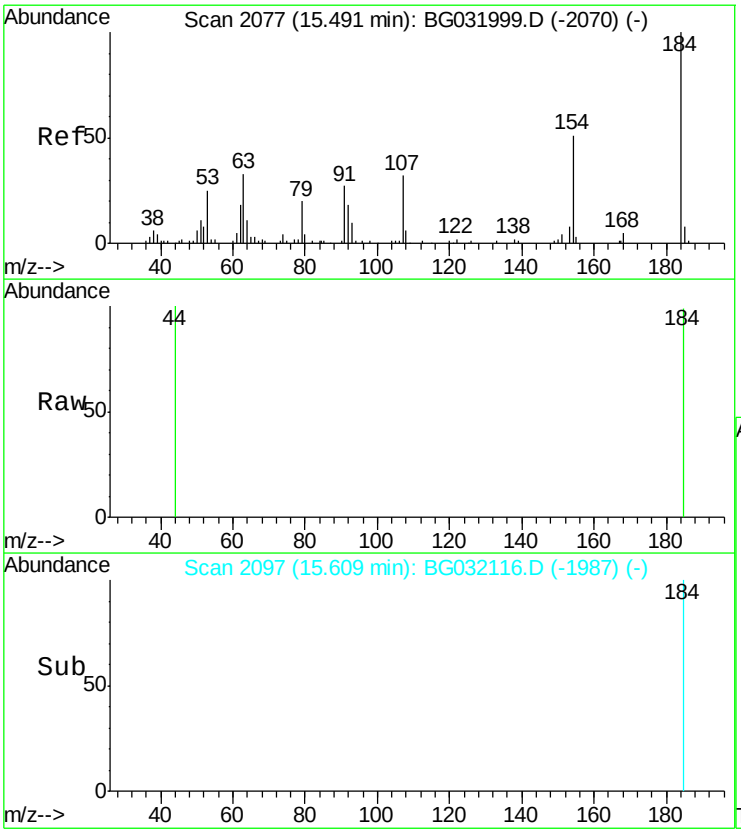
#50
2,6-Dinitrotoluene
Concen: 7.080 ng
RT: 15.38 min Scan# 2058
Delta R.T. 0.42 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16704

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.6	49.2	73.8#

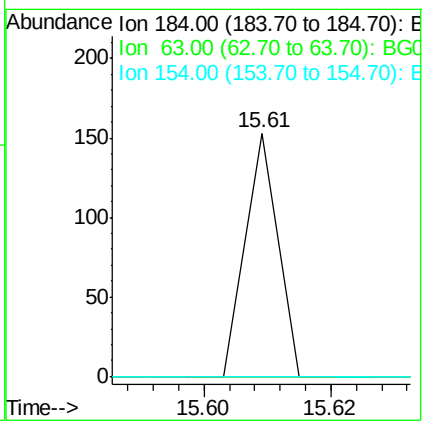


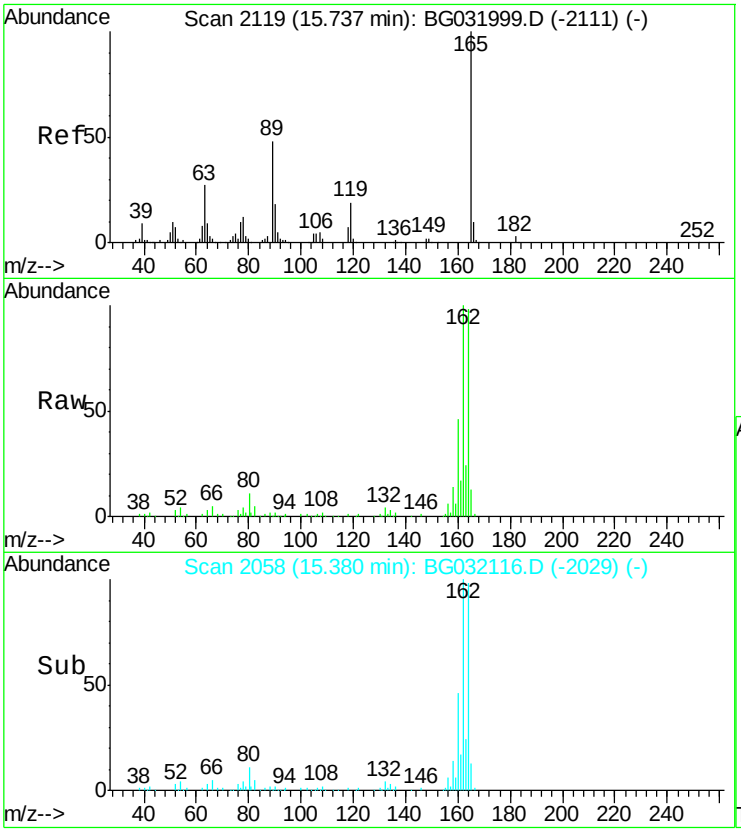


#53
2,4-Dinitrophenol
Concen: 7.005 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.12 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:184 Resp: 54

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



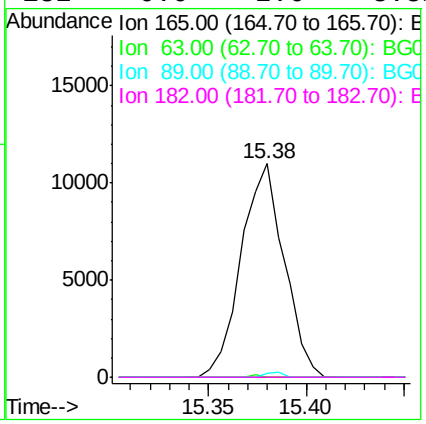


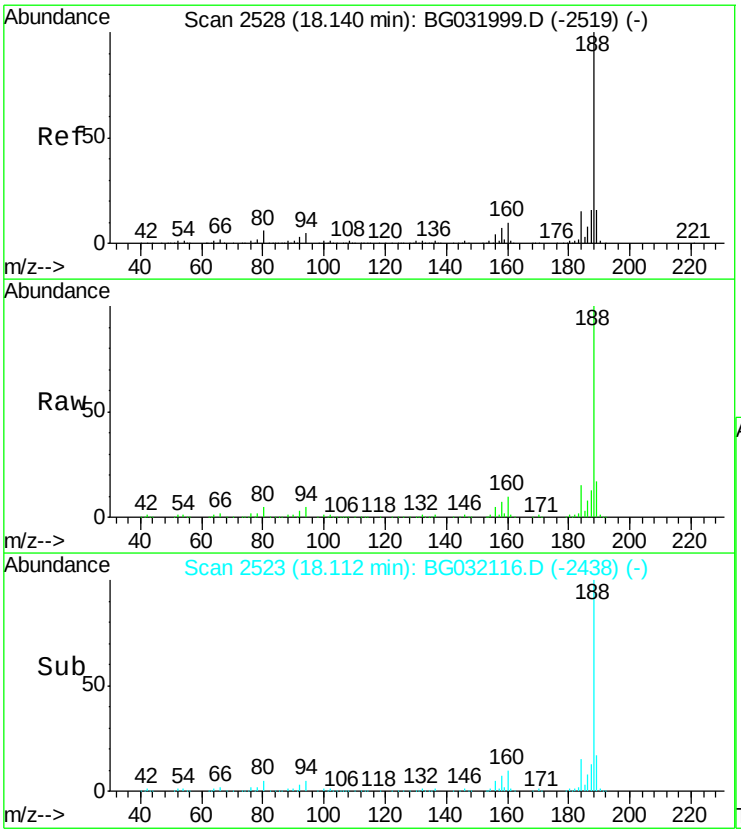
#56
2,4-Dinitrotoluene
Concen: 5.259 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.36 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16704

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.6	66.9	100.3#
182	0.0	2.6	3.8#

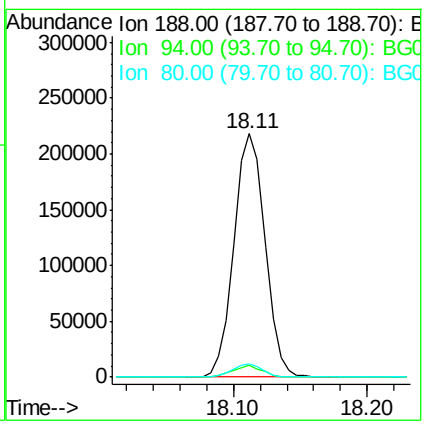


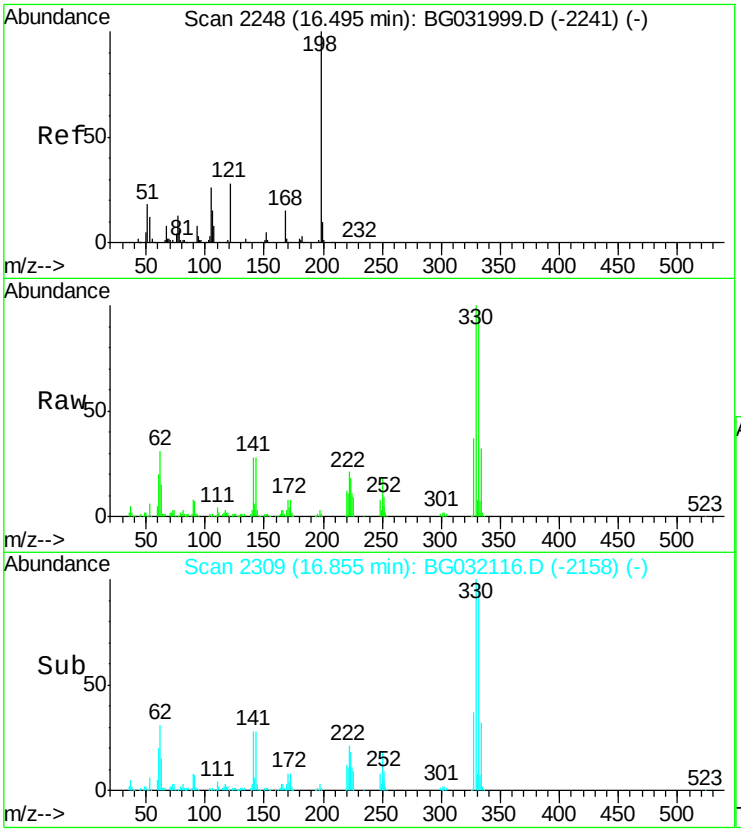


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:188 Resp: 350829

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.4	7.7	11.5#



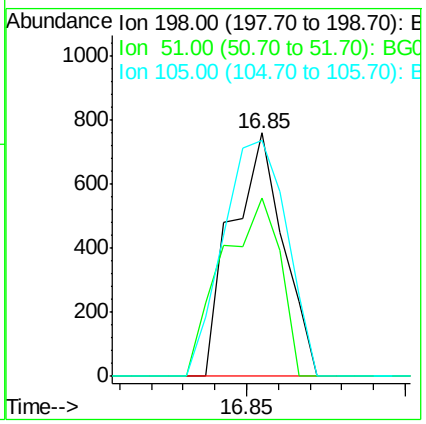


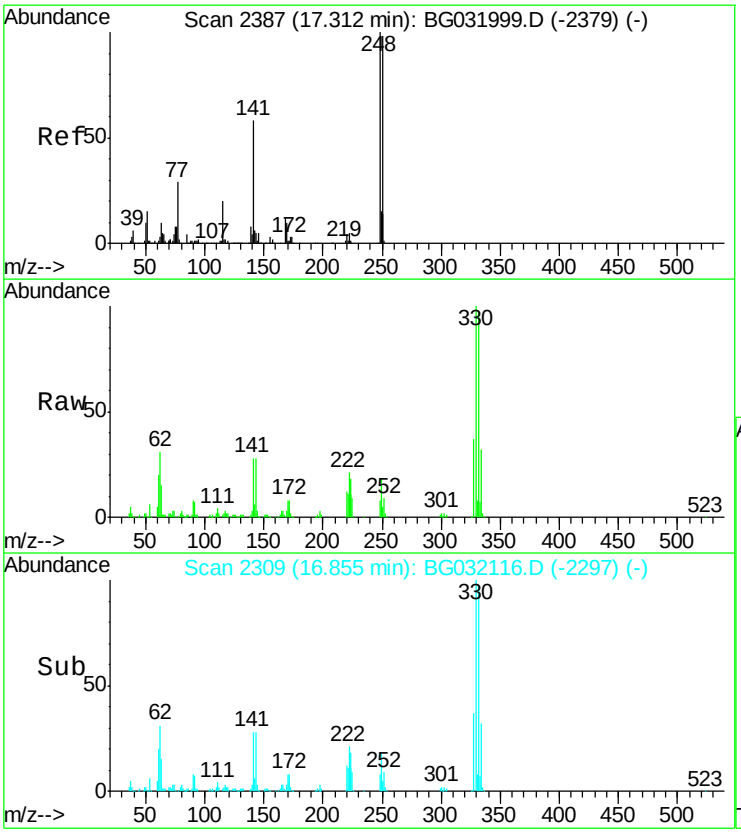
#64
4,6-Dinitro-2-methylphenol
Concen: 5.225 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.36 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 852

Ion	Ratio	Lower	Upper
198	100		
51	73.3	30.6	70.6#
105	97.1	23.8	63.8#

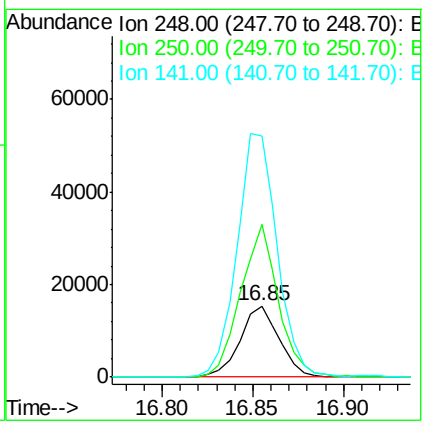


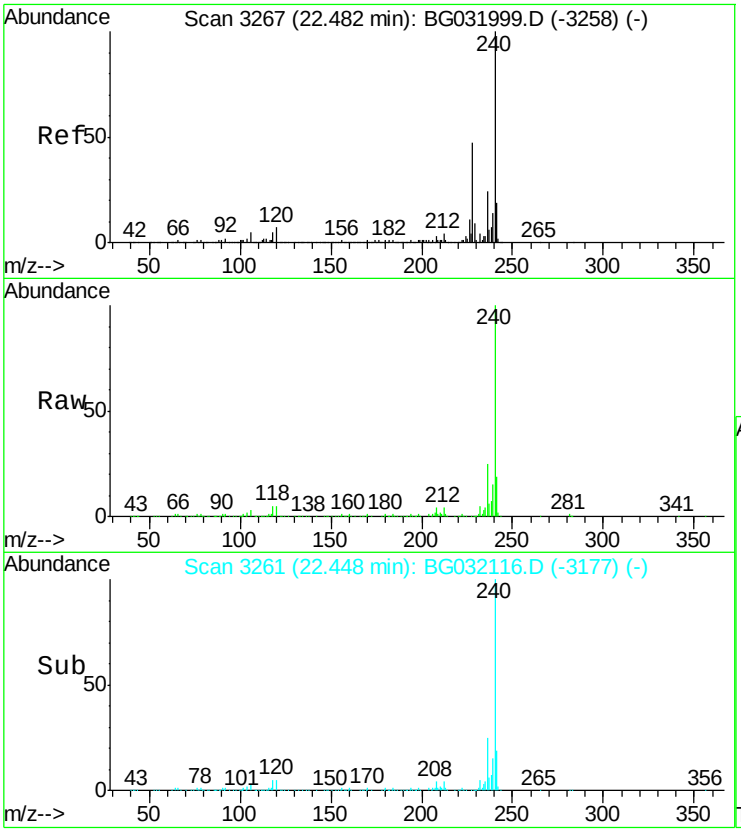


#66
4-Bromophenyl-phenylether
Concen: 4.591 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.46 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:248 Resp: 22919

Ion	Ratio	Lower	Upper
248	100		
250	214.9	77.1	115.7#
141	339.0	50.8	76.2#



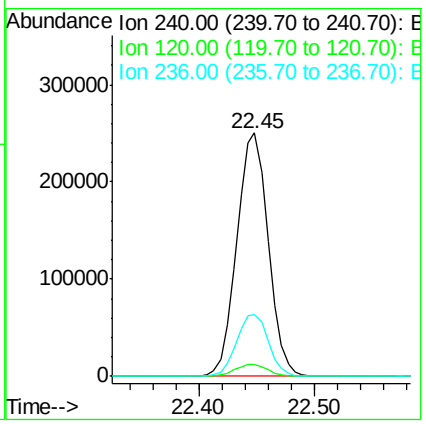


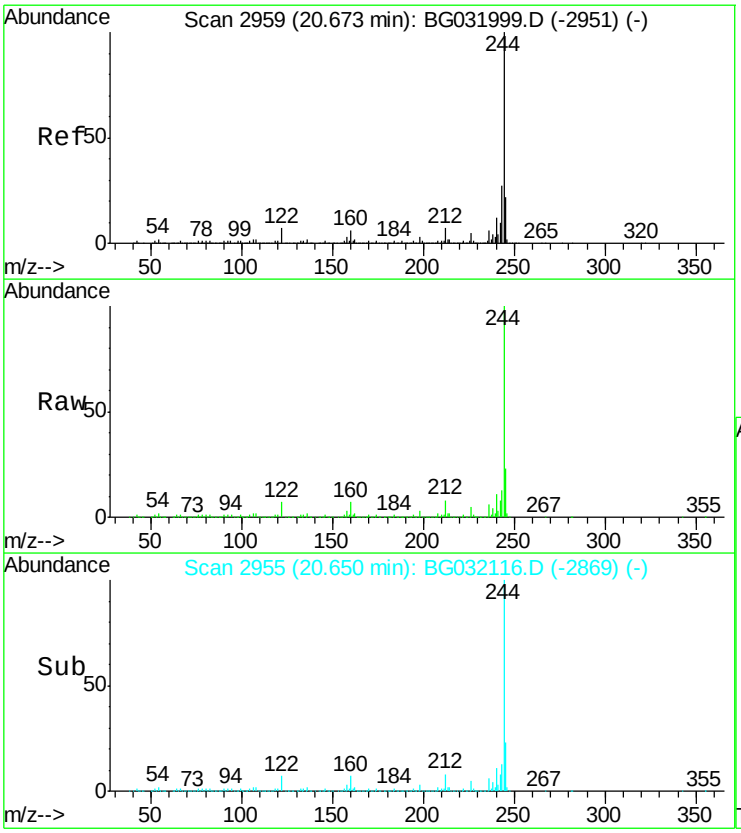
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.03 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 473220

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.8	10.2#
236	25.4	20.9	31.3

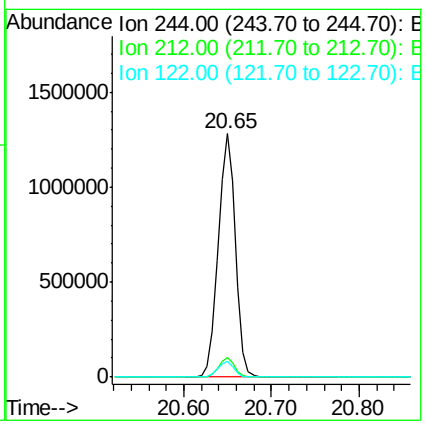


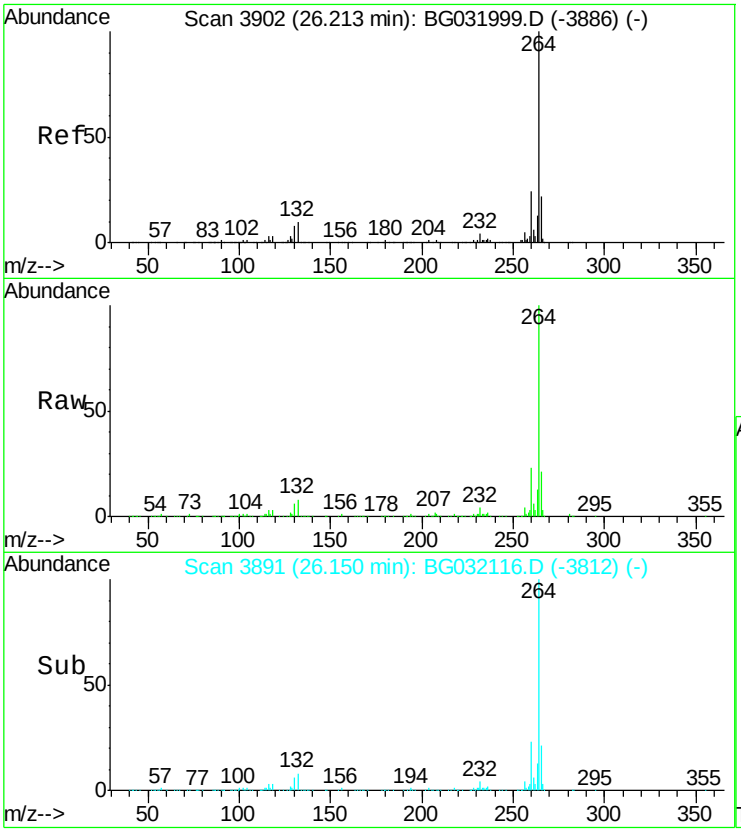


#78
Terphenyl-d14
Concen: 81.212 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Tgt Ion:244 Resp: 1740505

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3891
Delta R.T. -0.06 min
Lab File: BG032116.D
Acq: 18 Jan 2018 00:51

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 504237

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	21.3	17.7	26.5