Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012418\
Data File : BG032282.D
Acq On : 25 Jan 2018 5:09
Operator : SJ/JU
Sample : J1016-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 25 07:35:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40609	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	157581	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	107543	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	298861	20.00	ng	0.00
75) Chrysene-d12	22.42	240	390739	20.00	ng	0.00
86) Perylene-d12	26.11	264	402420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	193561	87.18	ng	0.00
7) Phenol-d6	7.84	99	221423	79.18	ng	0.00
23) Nitrobenzene-d5	9.92	82	156528	67.20	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	179048	100.61	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	551995	63.64	ng	0.00
78) Terphenyl-d14	20.63	244	1192956	67.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	10412	12.206	ng	# 1
19) n-Nitroso-di-n-propylamine	9.92	70	23101	13.314	ng	# 73
32) Benzoic acid	10.82	122	128	5.321	ng	# 1
50) 2,6-Dinitrotoluene	15.36	165	13657	6.991	ng	# 18
56) 2,4-Dinitrotoluene	15.36	165	13657	5.193	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.82	198	575	5.154	ng	# 52
66) 4-Bromophenyl-phenylether	16.83	248	15258	3.588	ng	# 1

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

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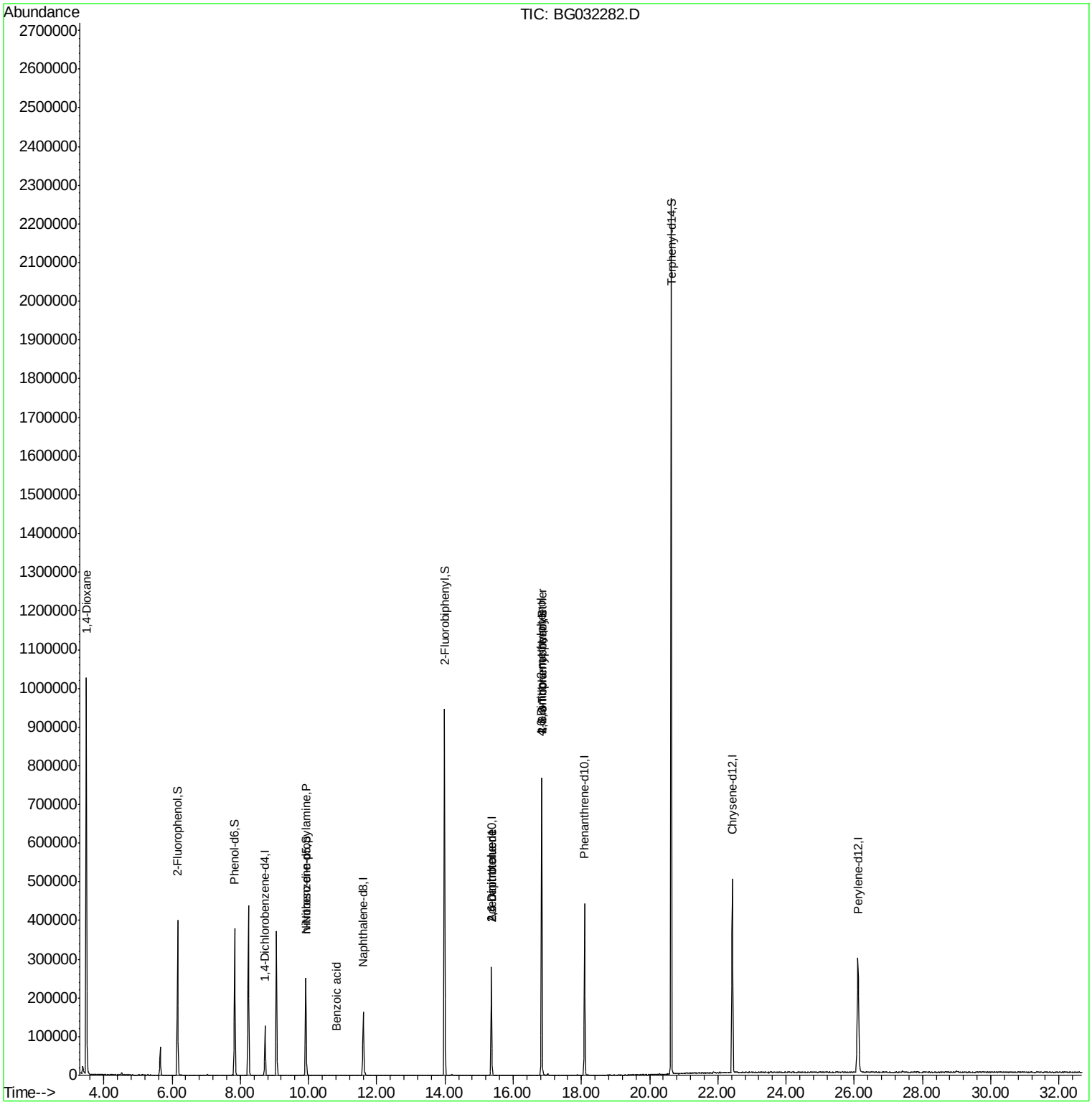
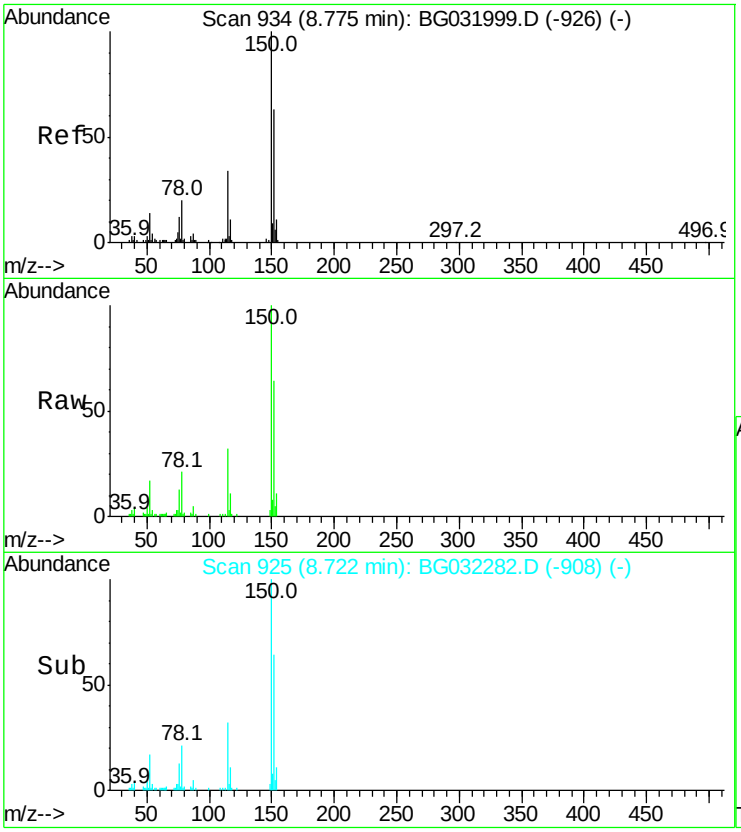


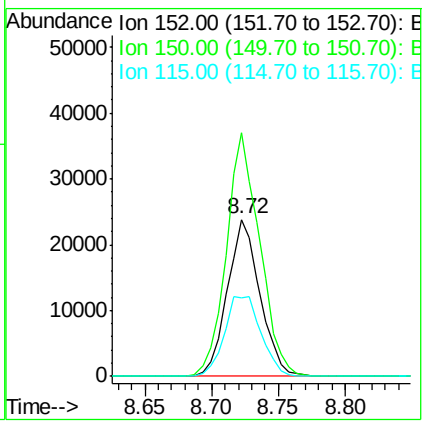


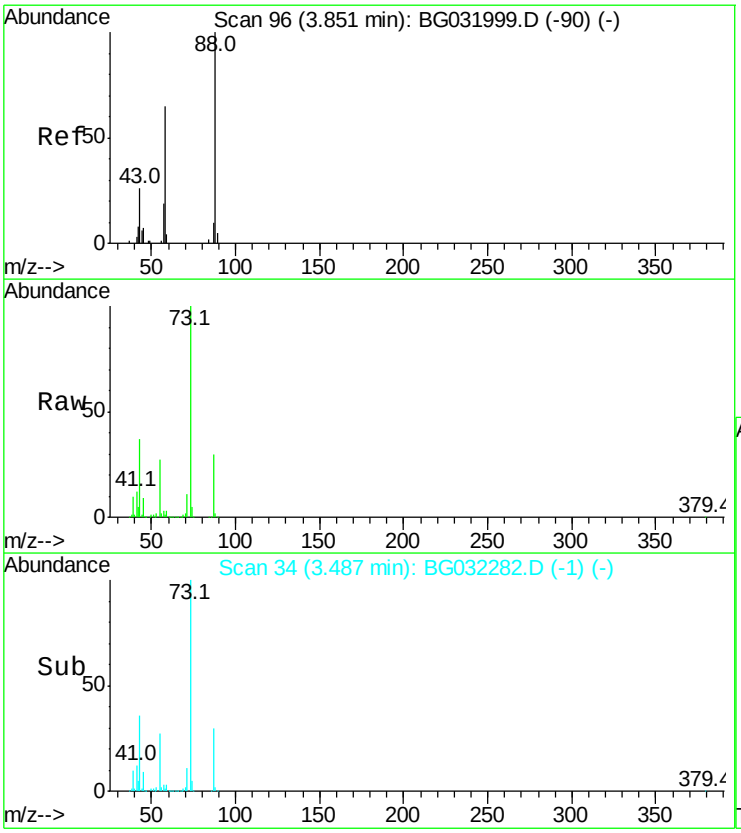
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 40609

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	50.5	53.0	79.4#

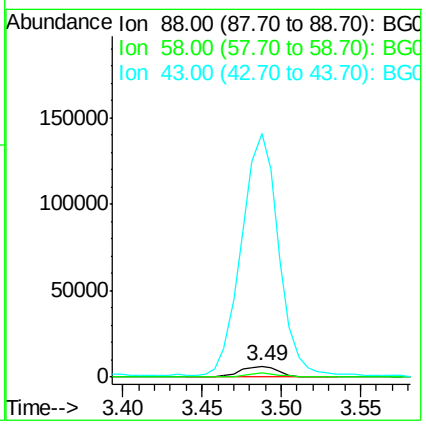


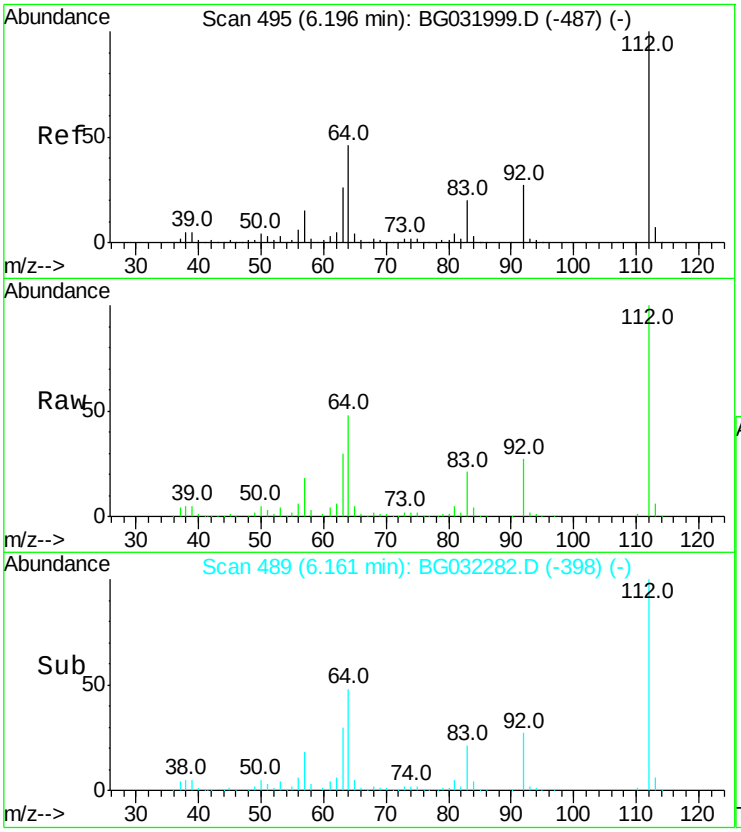


#2
1,4-Dioxane
Concen: 12.206 ng
RT: 3.49 min Scan# 34
Delta R.T. -0.34 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion: 88 Resp: 10412

Ion	Ratio	Lower	Upper
88	100		
58	36.5	79.6	119.4#
43	2213.1	27.4	41.0#



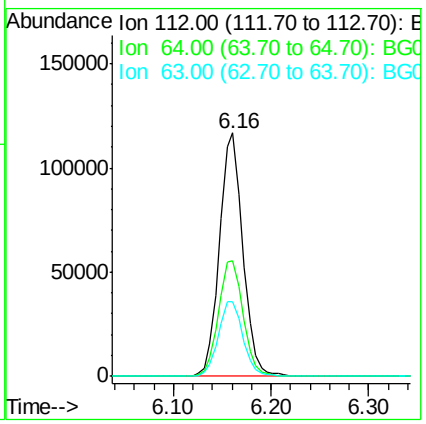


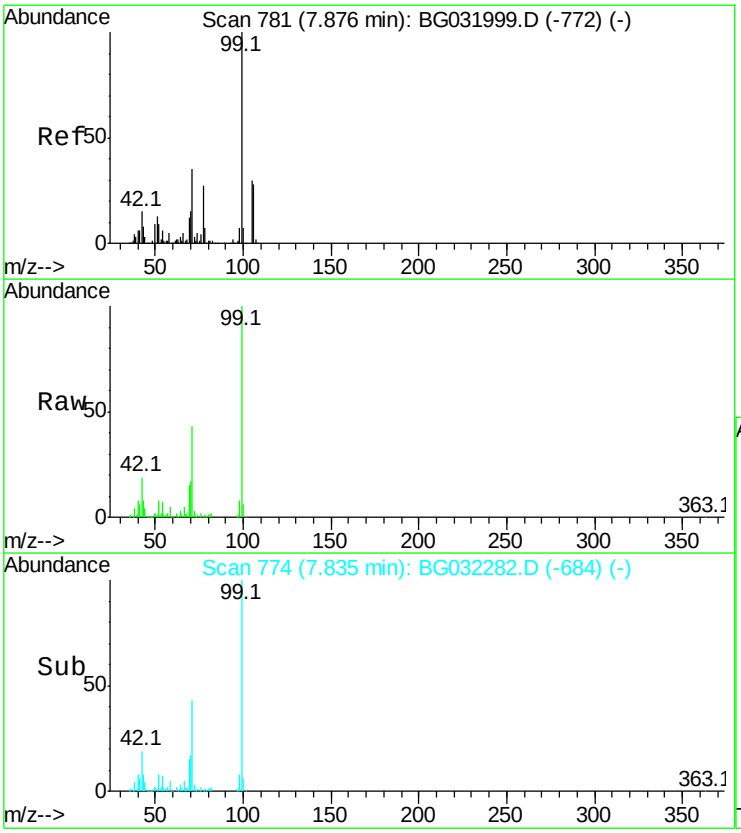
#5
2-Fluorophenol
Concen: 87.175 ng
RT: 6.16 min Scan# 489
Delta R.T. 0.01 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 193561

Ion	Ratio	Lower	Upper
112	100		
64	47.7	56.3	84.5#
63	30.5	30.1	45.1

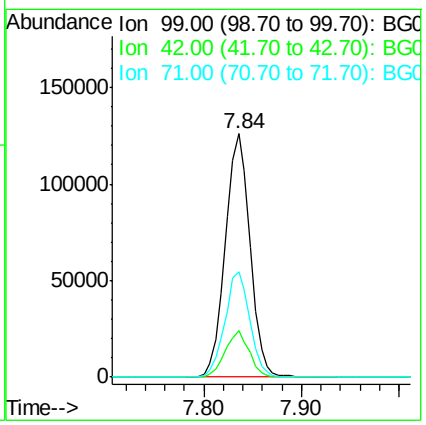


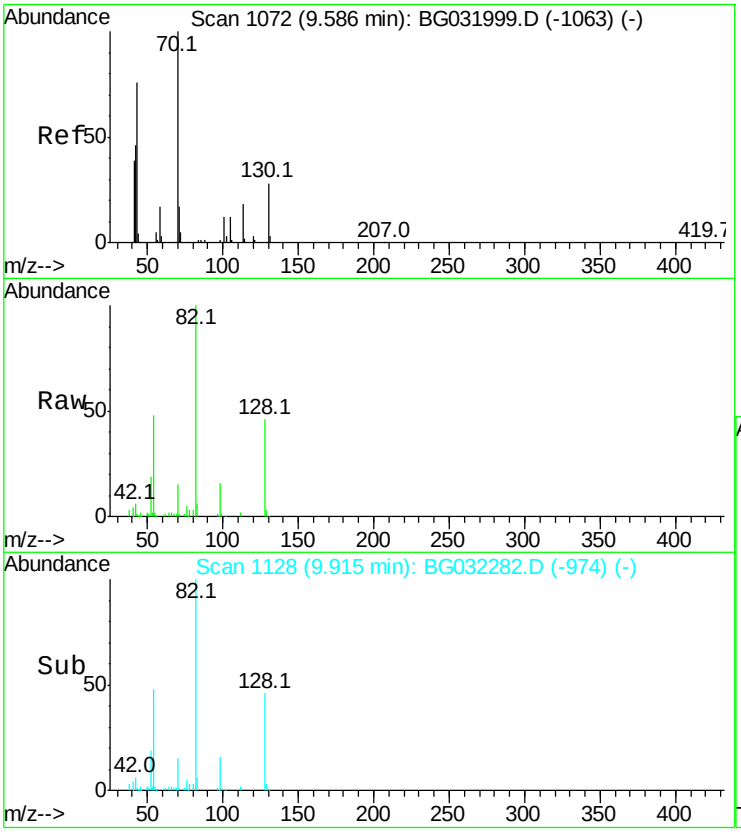


#7
Phenol-d6
Concen: 79.181 ng
RT: 7.84 min Scan# 774
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion: 99 Resp: 221423

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	43.4	26.1	39.1#



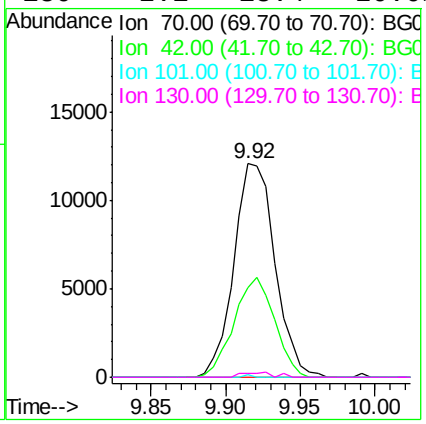


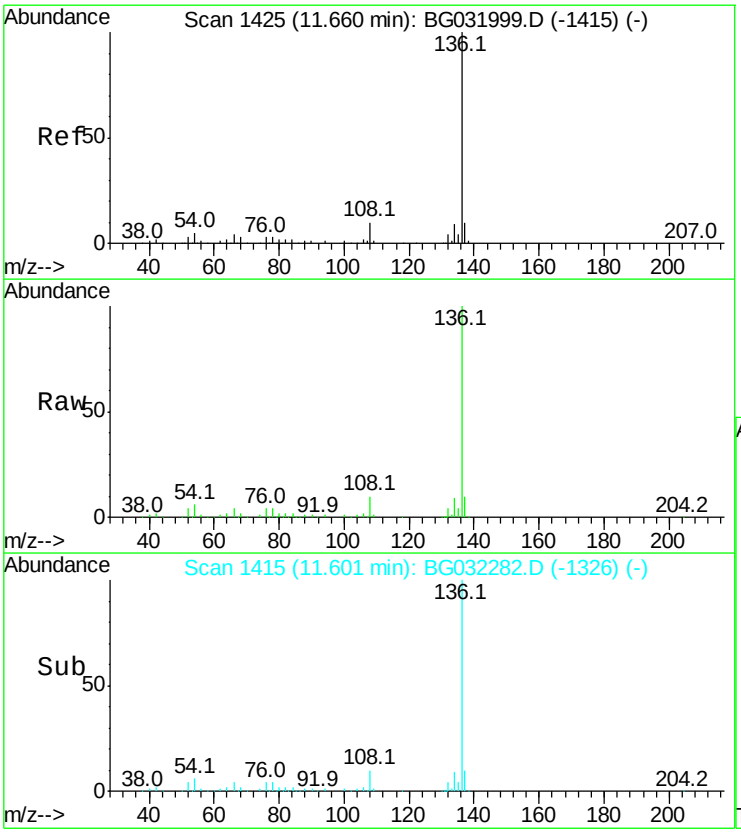
#19
n-Nitroso-di-n-propylamine
Concen: 13.314 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 23101

Ion	Ratio	Lower	Upper
70	100		
42	41.9	49.1	73.7#
101	1.5	8.5	12.7#
130	2.1	13.4	20.0#

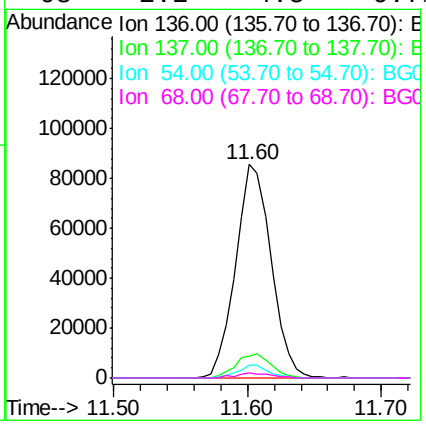


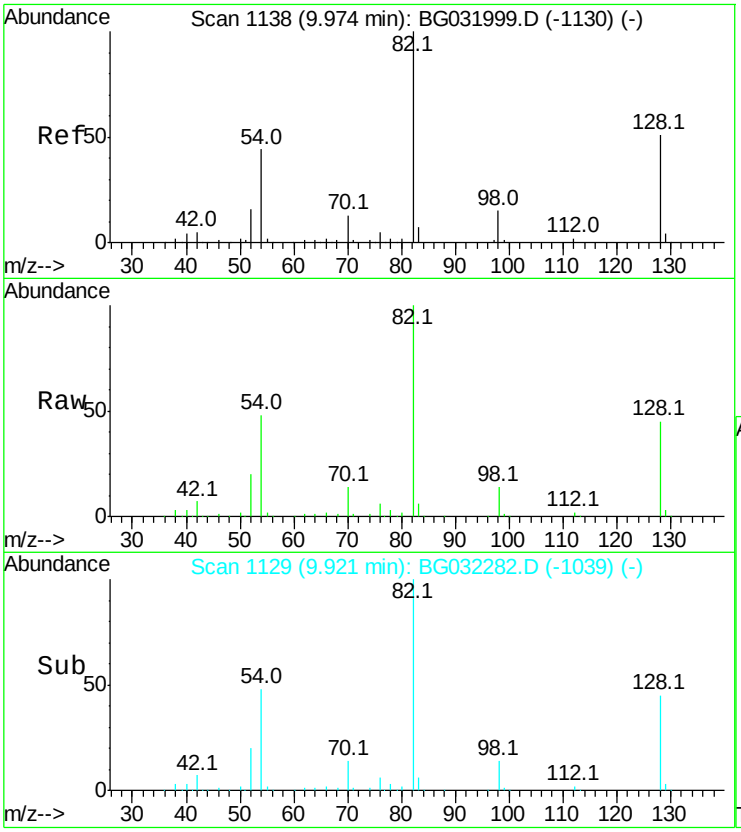


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:136 Resp: 157581

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.1	10.3	15.5#
68	2.2	4.5	6.7#



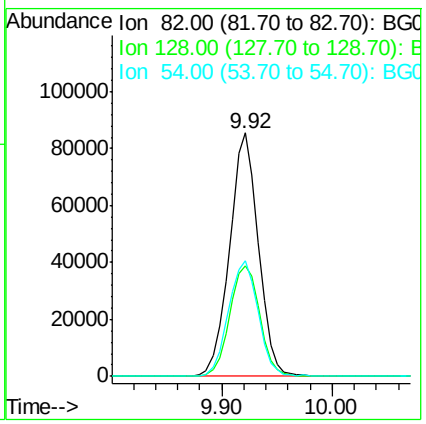


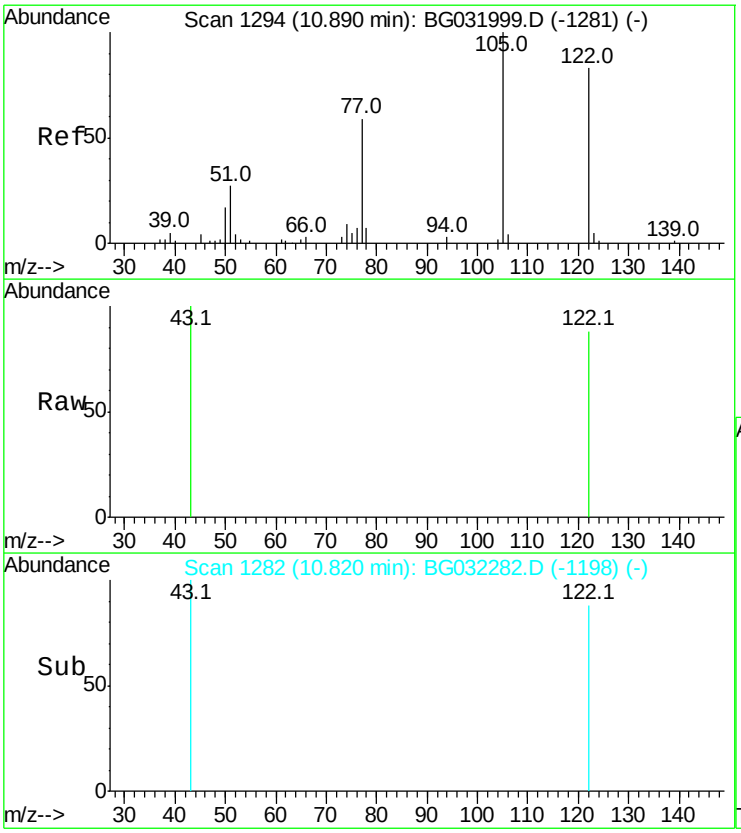
#23
Nitrobenzene-d5
Concen: 67.202 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 156528

Ion	Ratio	Lower	Upper
82	100		
128	45.3	29.7	44.5#
54	47.5	43.1	64.7

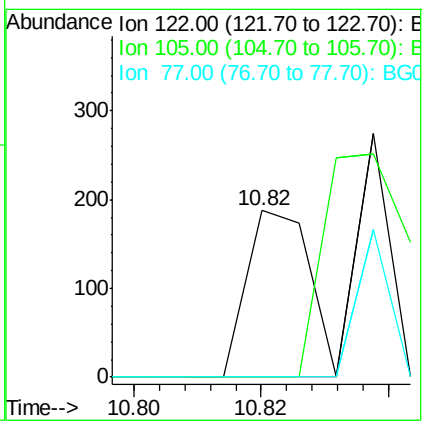


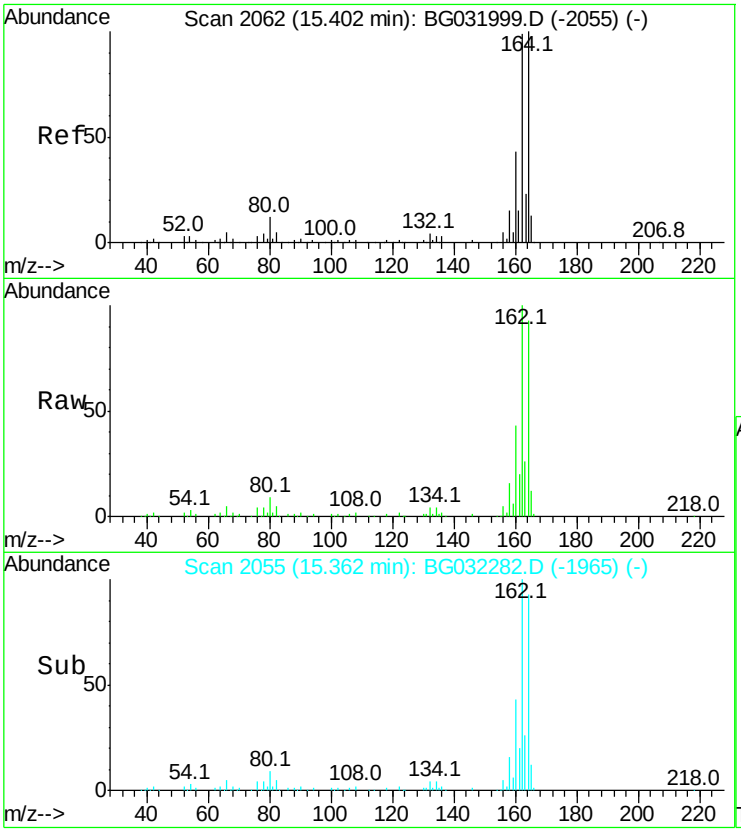


#32
Benzoic acid
Concen: 5.321 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.04 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:122 Resp: 128

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#



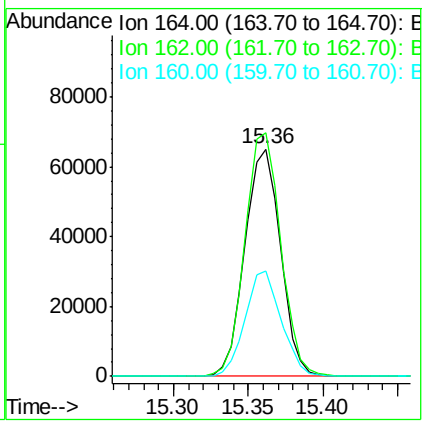


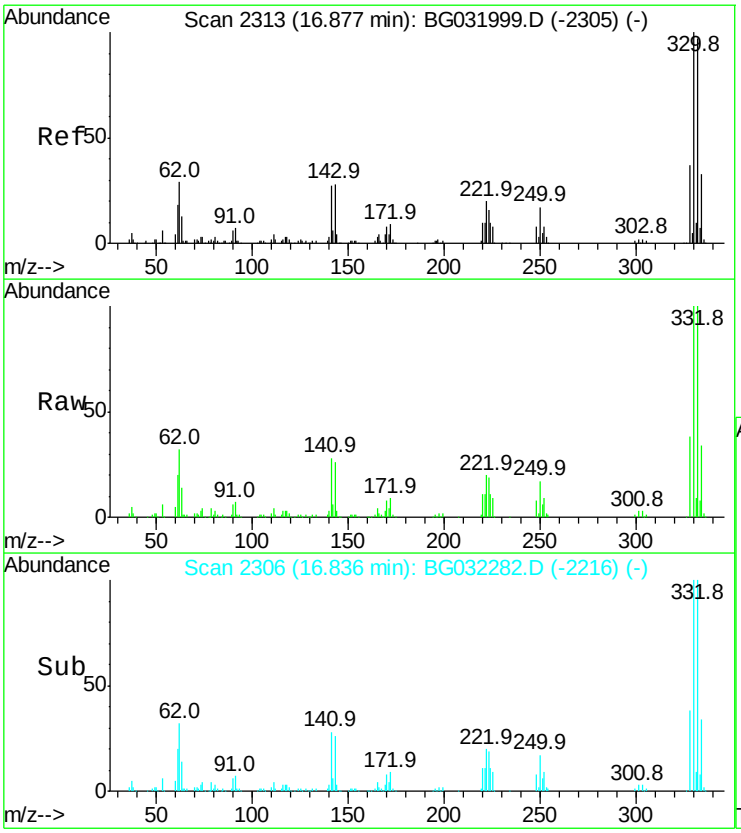
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 107543

Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	46.1	35.4	53.0

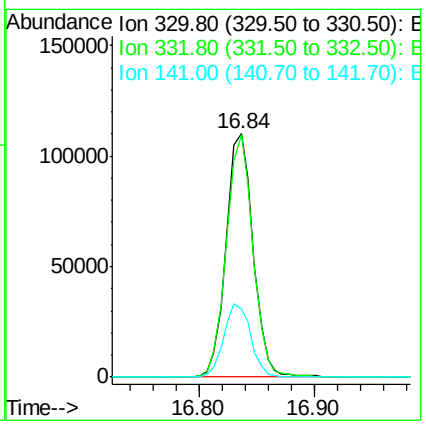


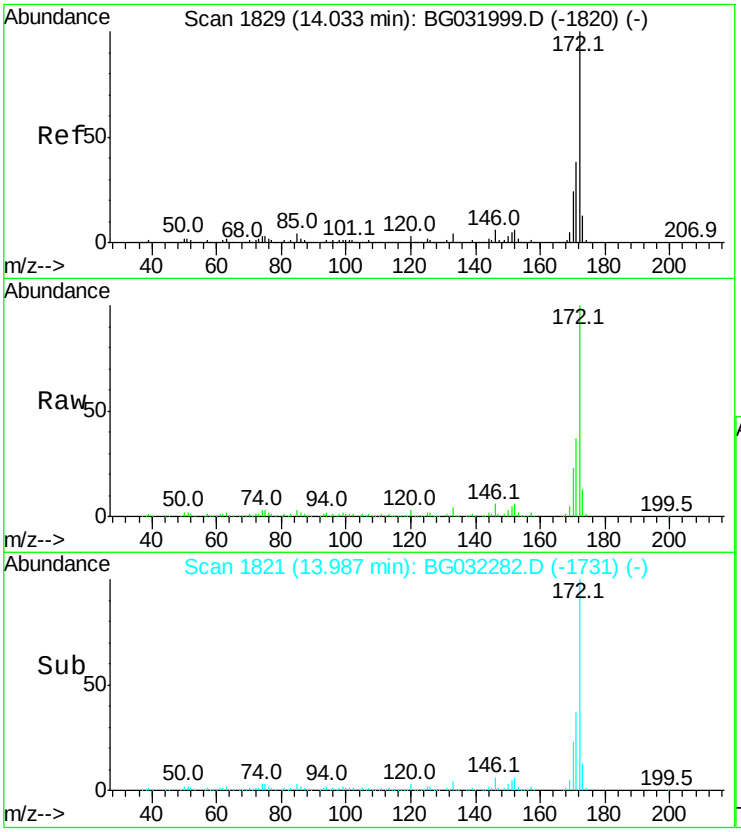


#41
2,4,6-Tribromophenol
Concen: 100.612 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:330 Resp: 179048

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	30.2	25.2	37.8



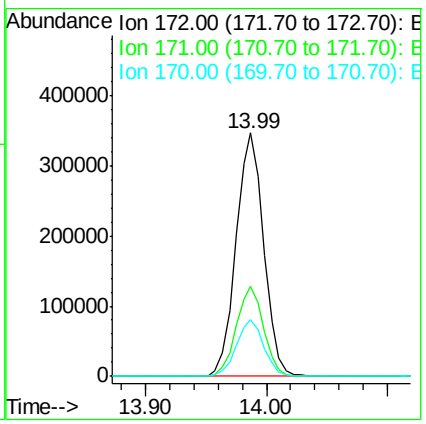


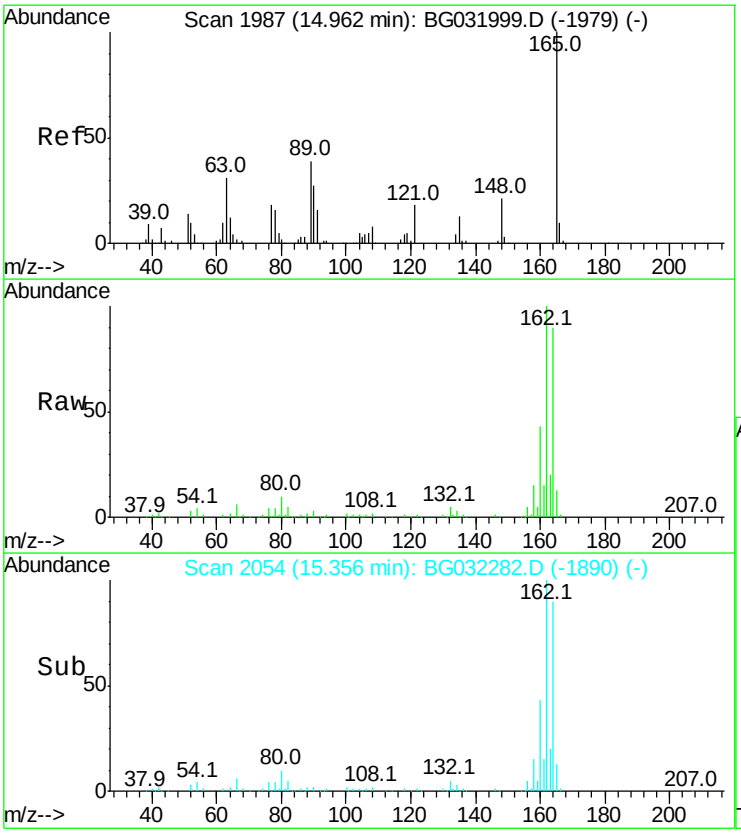
#44
2-Fluorobiphenyl
Concen: 63.644 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 551995

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

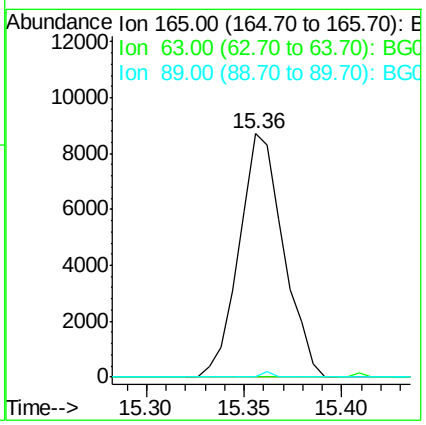


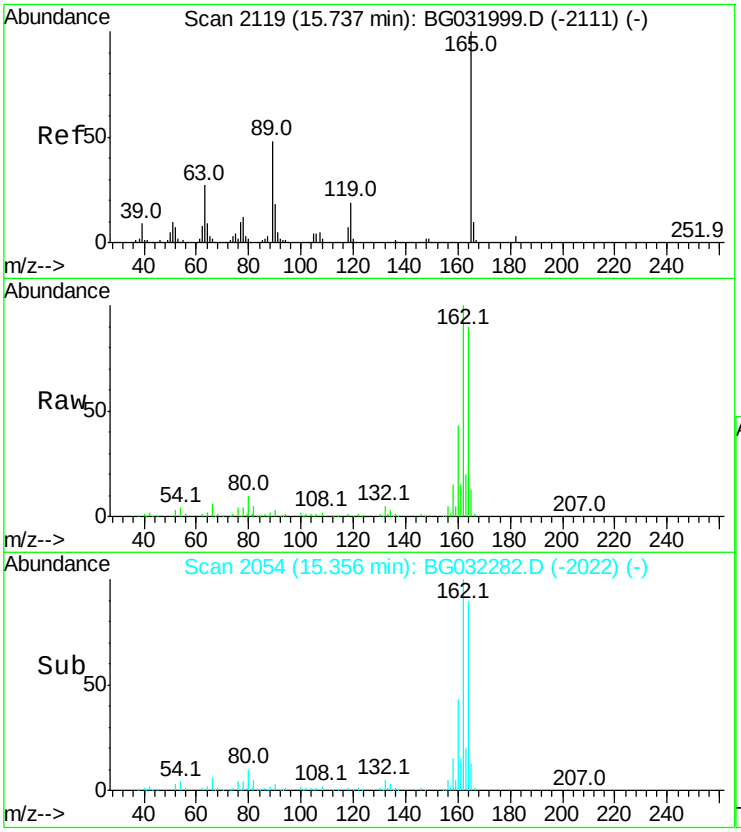


#50
2,6-Dinitrotoluene
Concen: 6.991 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.43 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:165 Resp: 13657

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



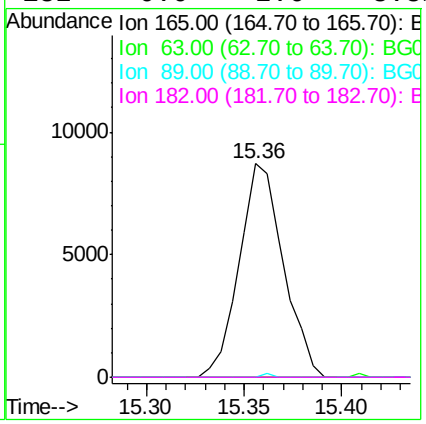


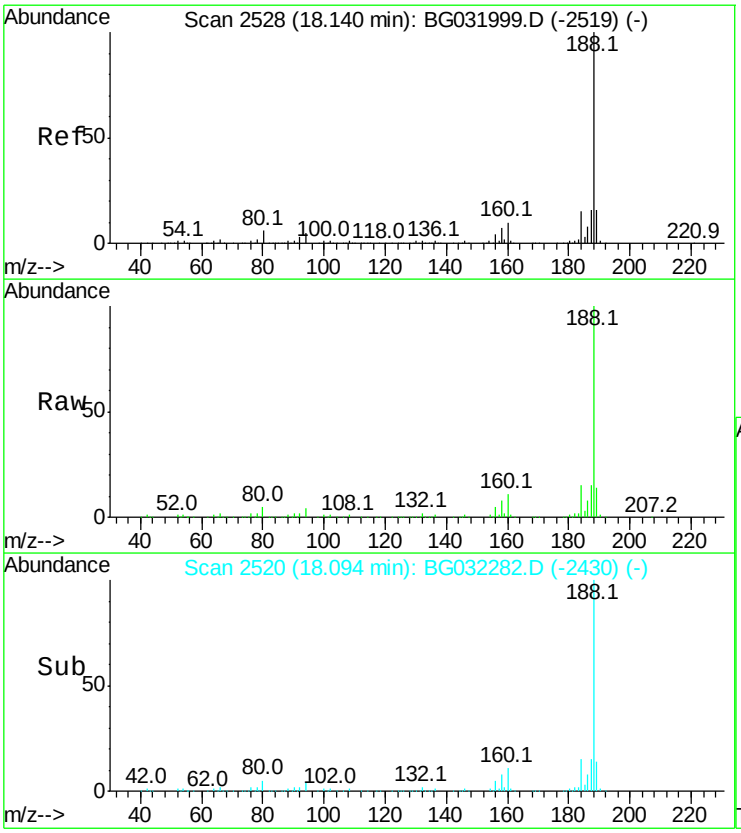
#56
2,4-Dinitrotoluene
Concen: 5.193 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13657

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

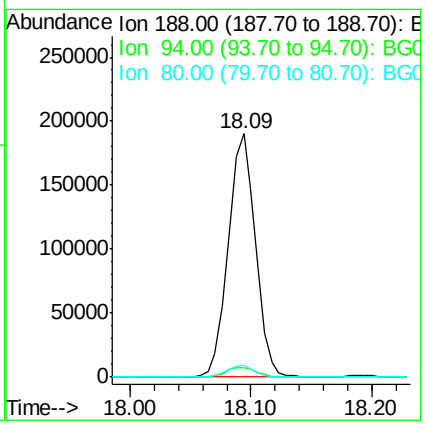


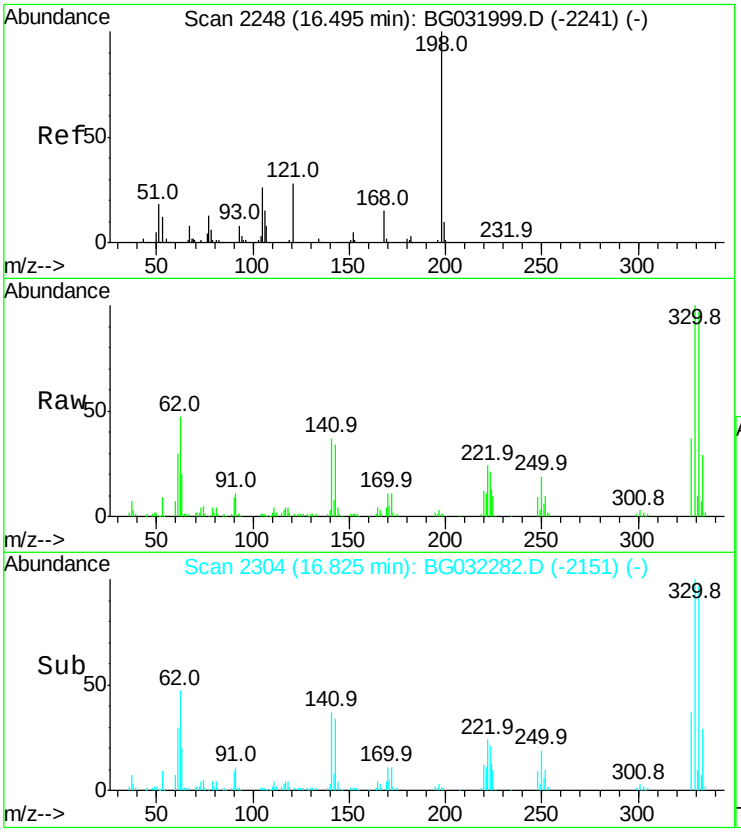


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:188 Resp: 298861

Ion	Ratio	Lower	Upper
188	100		
94	3.7	6.9	10.3#
80	5.0	7.7	11.5#



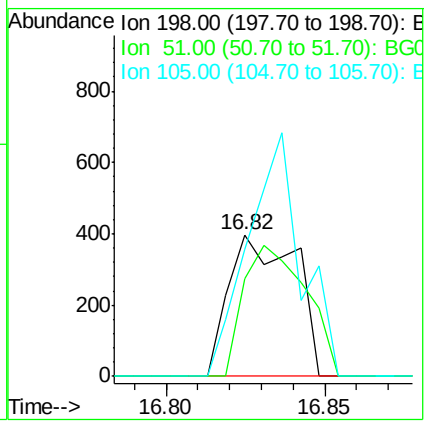


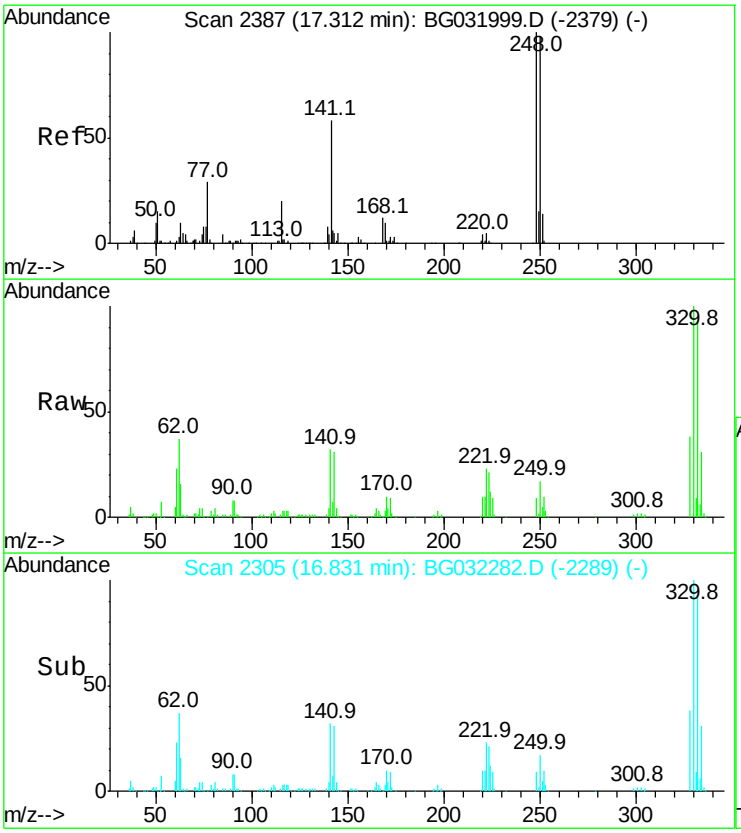
#64
4,6-Dinitro-2-methylphenol
Concen: 5.154 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.37 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 575

Ion	Ratio	Lower	Upper
198	100		
51	69.3	30.6	70.6
105	90.2	23.8	63.8#

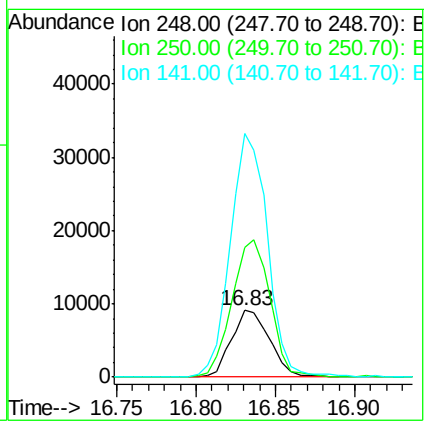


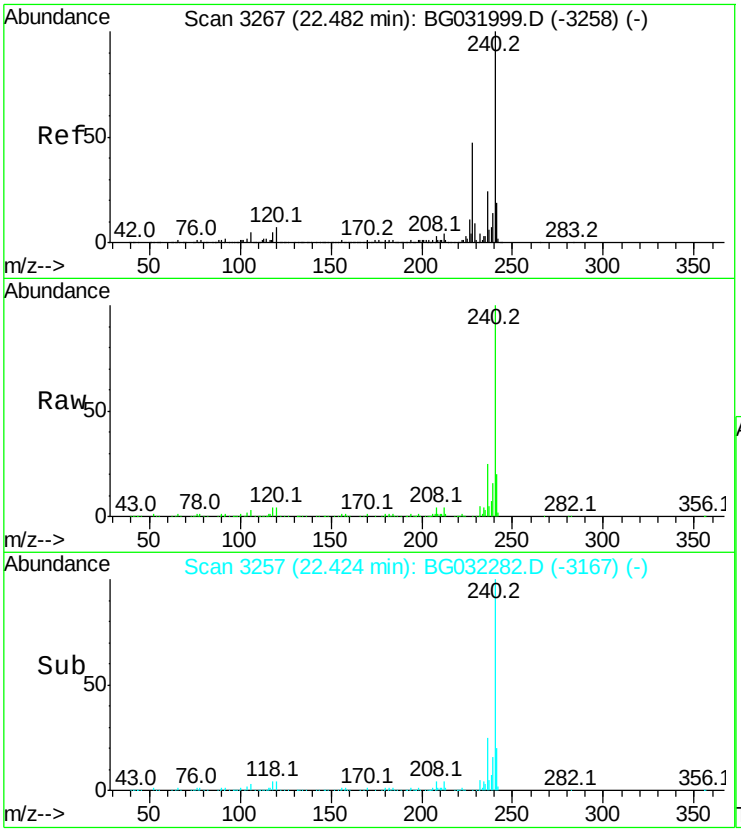


#66
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:248 Resp: 15258

Ion	Ratio	Lower	Upper
248	100		
250	194.8	77.1	115.7#
141	364.2	50.8	76.2#



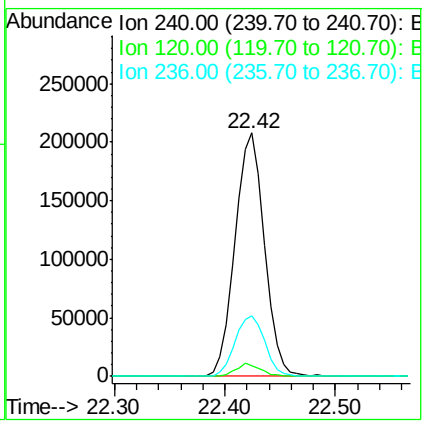


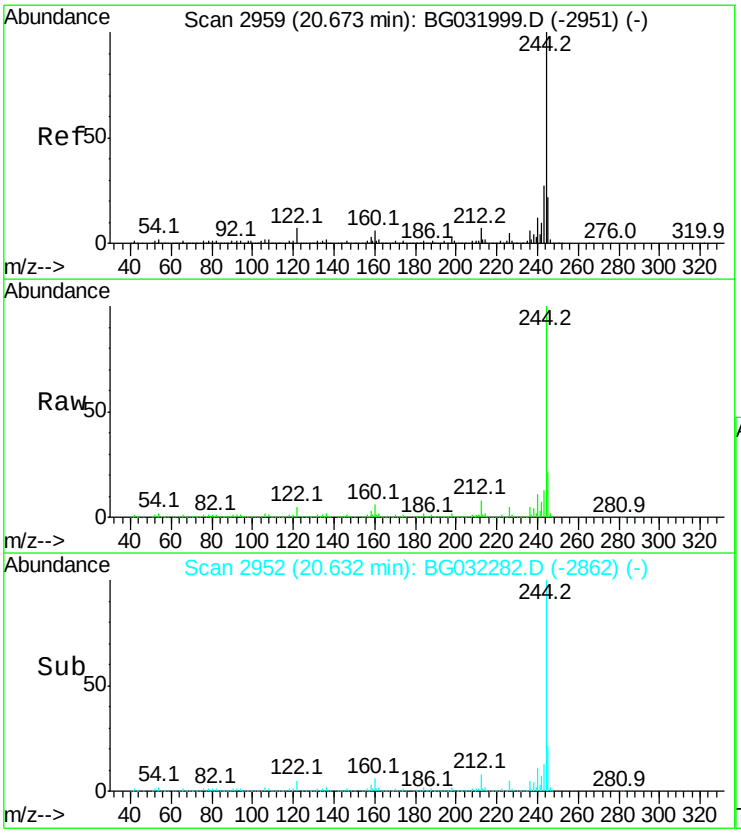
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3257
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 390739

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	24.9	20.9	31.3

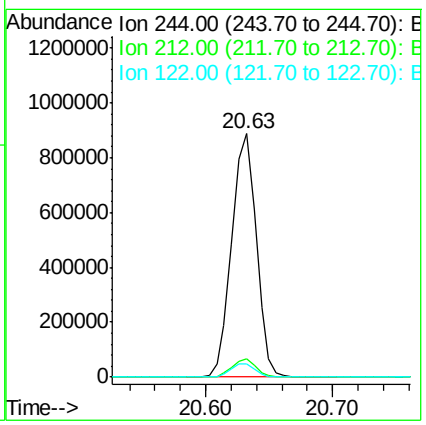


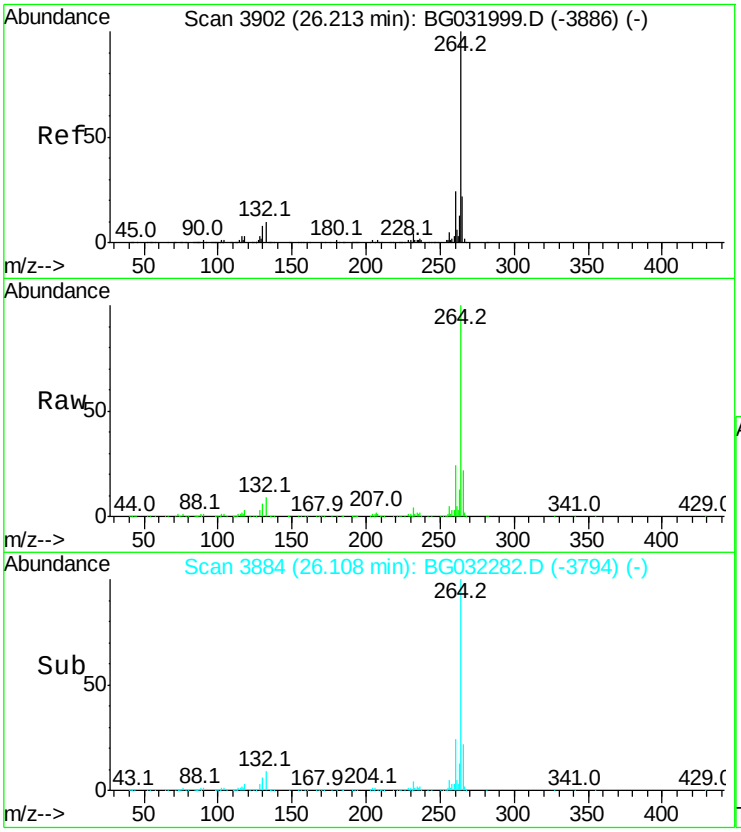


#78
Terphenyl-d14
Concen: 67.413 ng
RT: 20.63 min Scan# 2952
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Tgt Ion:244 Resp: 1192956

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.11 min Scan# 3884
Delta R.T. -0.00 min
Lab File: BG032282.D
Acq: 25 Jan 2018 5:09

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 402420

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	22.2	17.7	26.5