Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032480.D
Acq On : 1 Feb 2018 1:32
Operator : SJ/JU
Sample : J1386-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 01 04:37:32 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	24025	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	96522	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	69518	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	202444	20.00	ng	0.00
75) Chrysene-d12	22.41	240	278132	20.00	ng	0.00
86) Perylene-d12	26.08	264	296973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	177052	148.02	ng	0.00
7) Phenol-d6	7.83	99	201797	126.43	ng	0.00
23) Nitrobenzene-d5	9.91	82	151578	98.09	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	227262	171.74	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	563257	96.30	ng	-0.02
78) Terphenyl-d14	20.62	244	1353544	104.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1009	2.507	ng	# 1
15) Benzyl Alcohol	9.05	79	2699	2.052	ng	# 40
19) n-Nitroso-di-n-propylamine	9.91	70	22592	21.347	ng	# 78
32) Benzoic acid	10.47	122	77	7.351	ng	# 1
50) 2,6-Dinitrotoluene	15.35	165	9288	6.904	ng	# 18
56) 2,4-Dinitrotoluene	15.35	165	9288	4.849	ng	# 16
66) 4-Bromophenyl-phenylether	16.83	248	18079	6.028	ng	# 1
76) Benzidine	20.62	184	19720	3.611	ng	# 85

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

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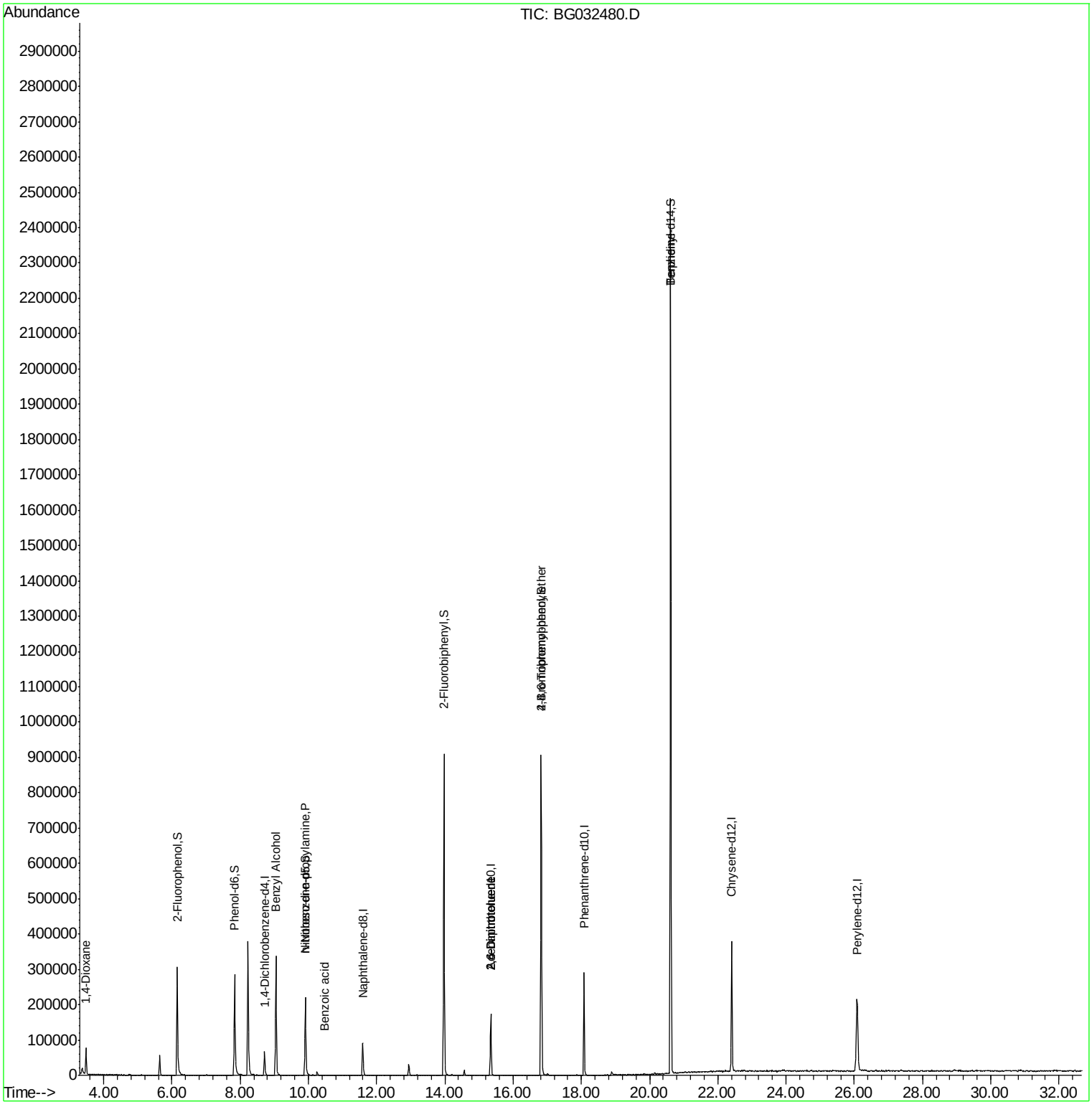
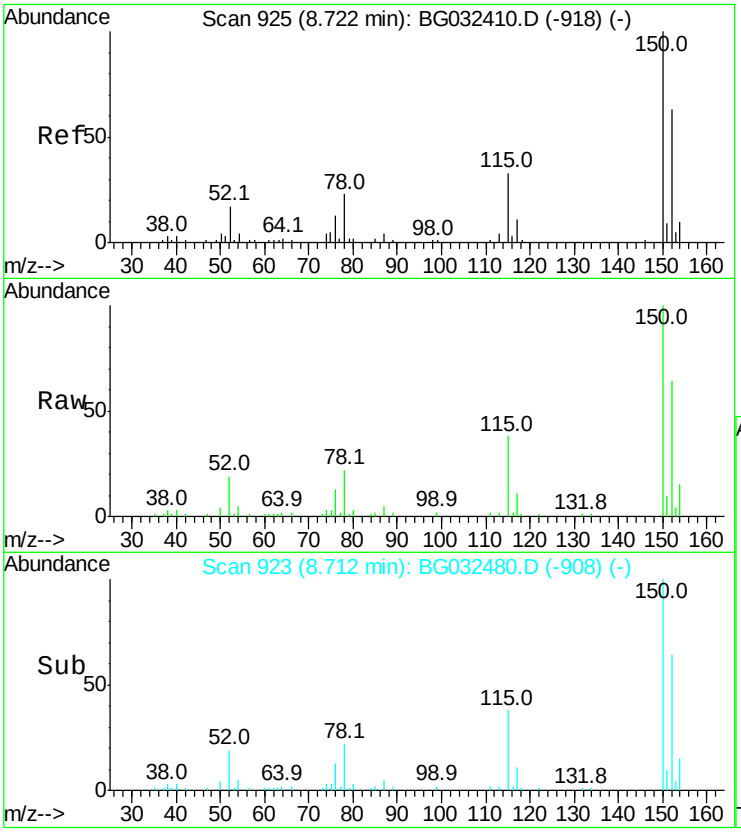


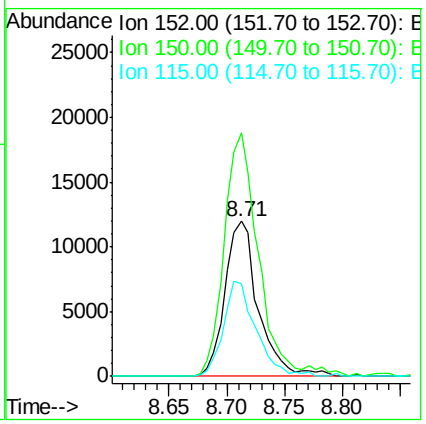


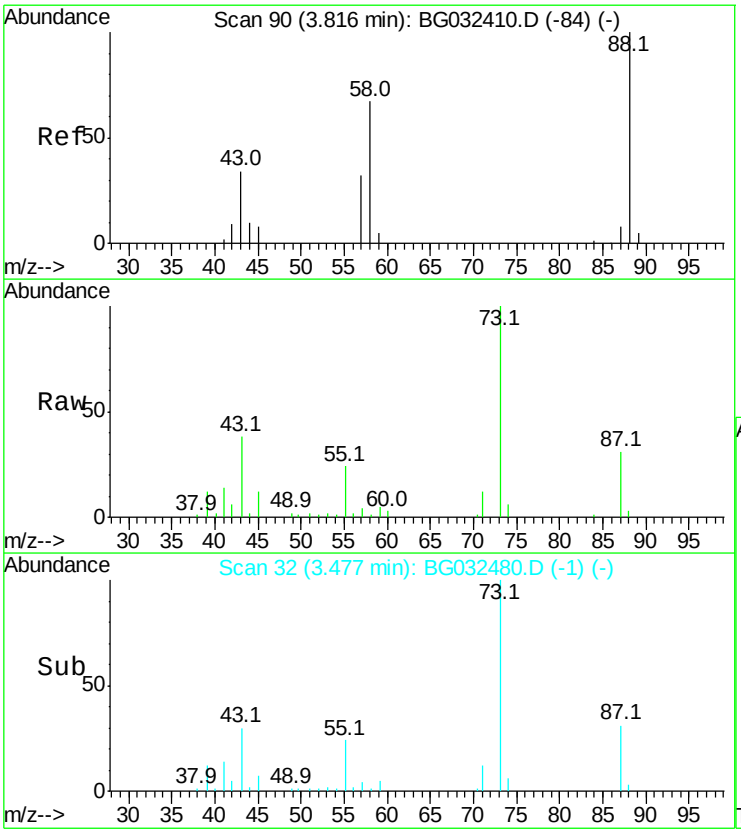
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 24025

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.6	189.8
115	59.4	53.0	79.4

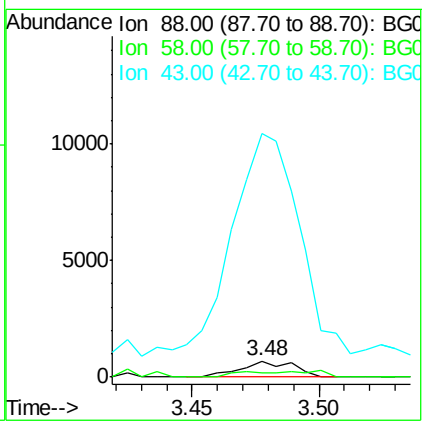


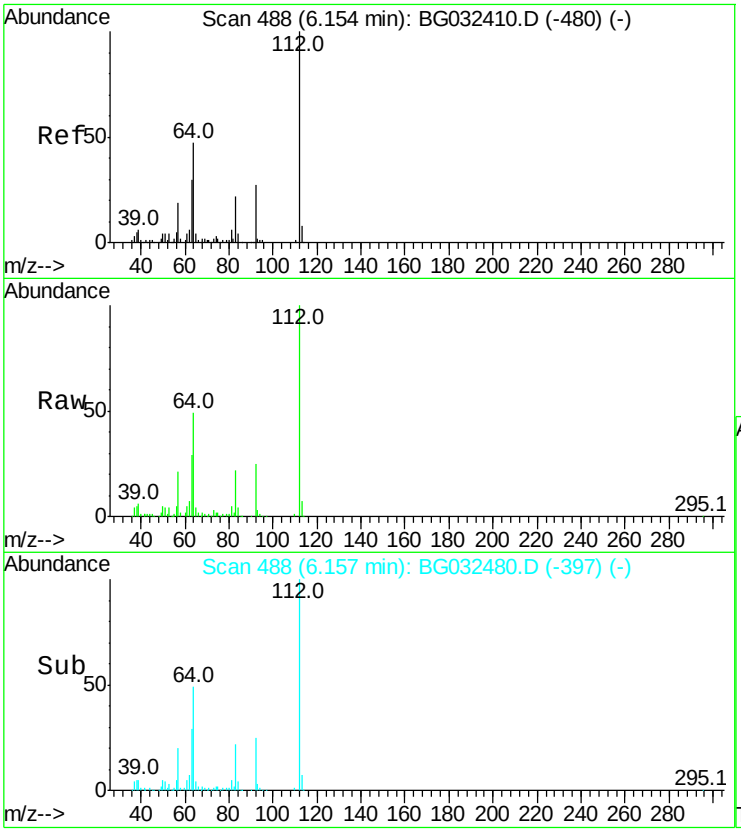


#2
1,4-Dioxane
Concen: 2.507 ng
RT: 3.48 min Scan# 32
Delta R.T. -0.34 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion: 88 Resp: 1009

Ion	Ratio	Lower	Upper
88	100		
58	20.3	79.6	119.4#
43	1636.7	27.4	41.0#



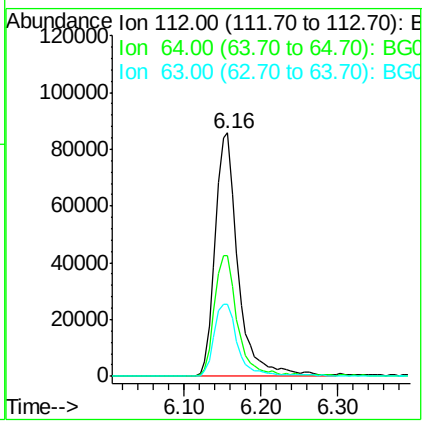


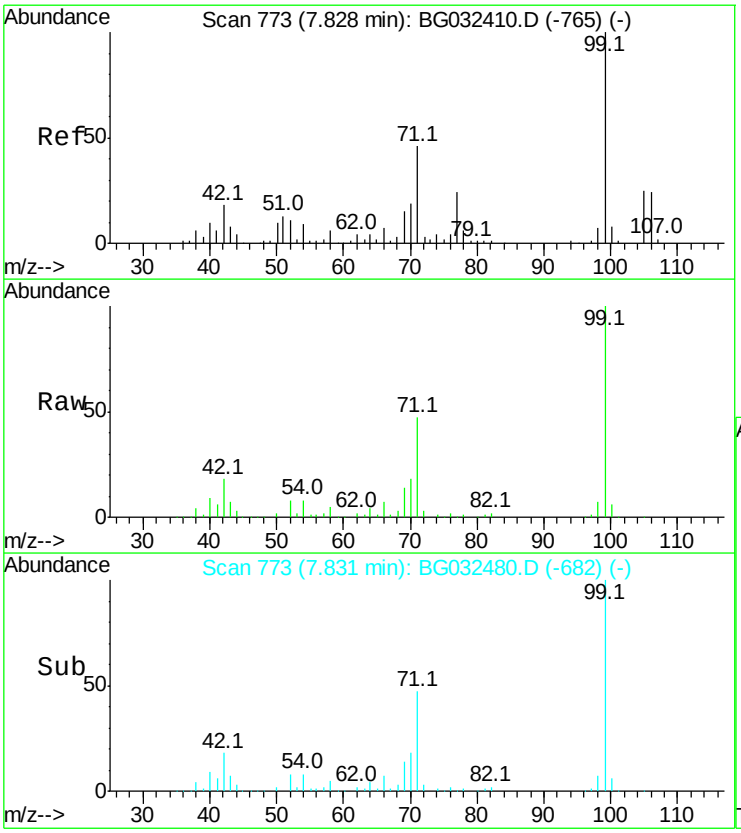
#5
2-Fluorophenol
Concen: 148.020 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 177052

Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5#
63	29.5	30.1	45.1#

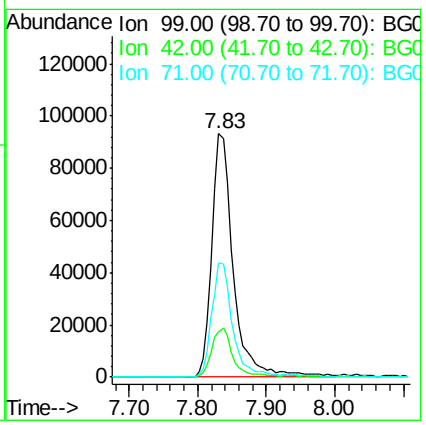


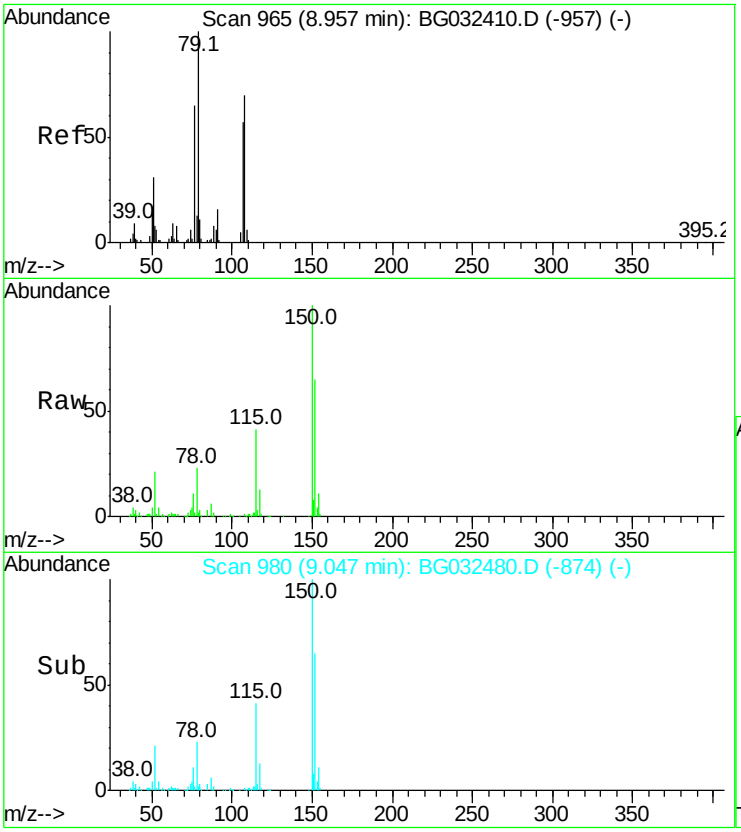


#7
Phenol-d6
Concen: 126.428 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion: 99 Resp: 201797

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.1	21.1
71	46.8	26.1	39.1#



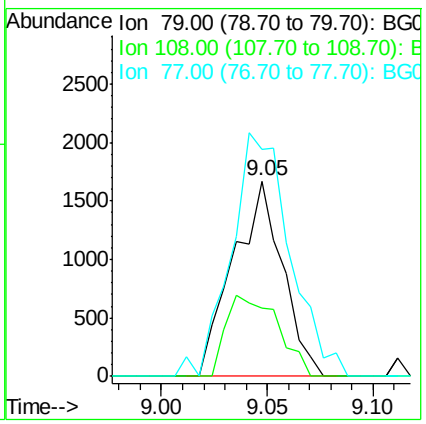


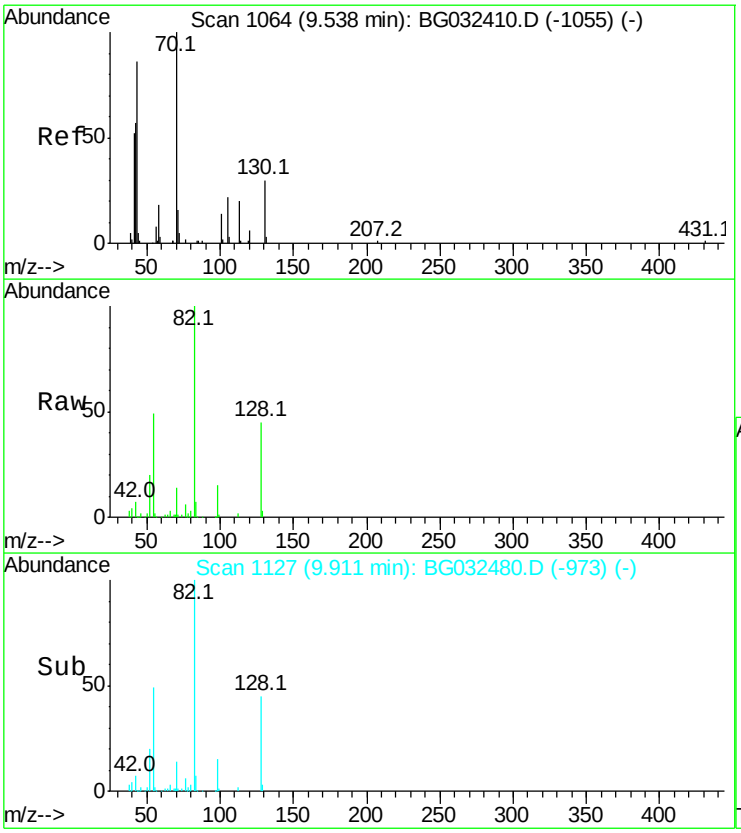
#15
Benzyl Alcohol
Concen: 2.052 ng
RT: 9.05 min Scan# 980
Delta R.T. 0.09 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2699

Ion	Ratio	Lower	Upper
79	100		
108	34.7	57.2	85.8#
77	116.3	46.1	69.1#

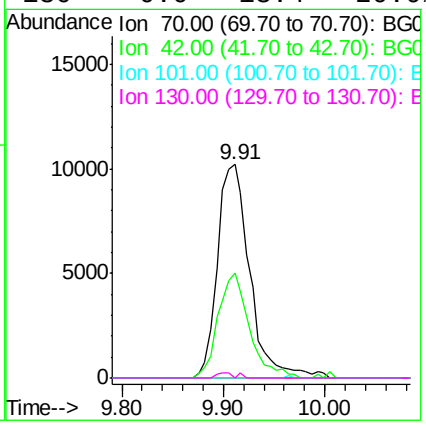


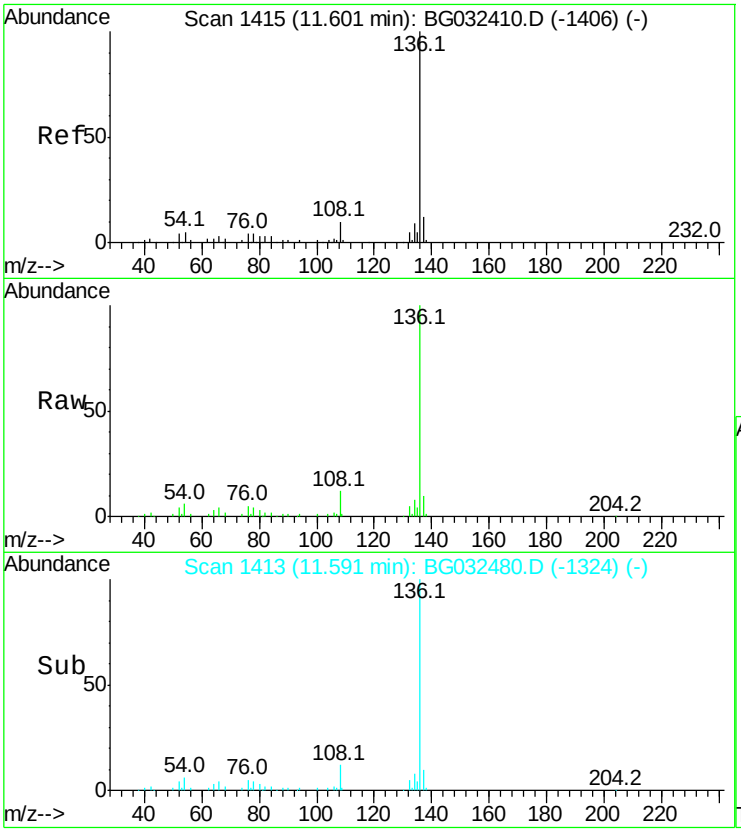


#19
n-Nitroso-di-n-propylamine
Concen: 21.347 ng
RT: 9.91 min Scan# 1127
Delta R.T. 0.37 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion: 70 Resp: 22592

Ion	Ratio	Lower	Upper
70	100		
42	49.3	49.1	73.7
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



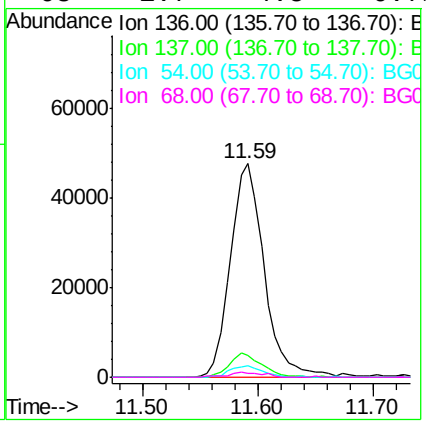


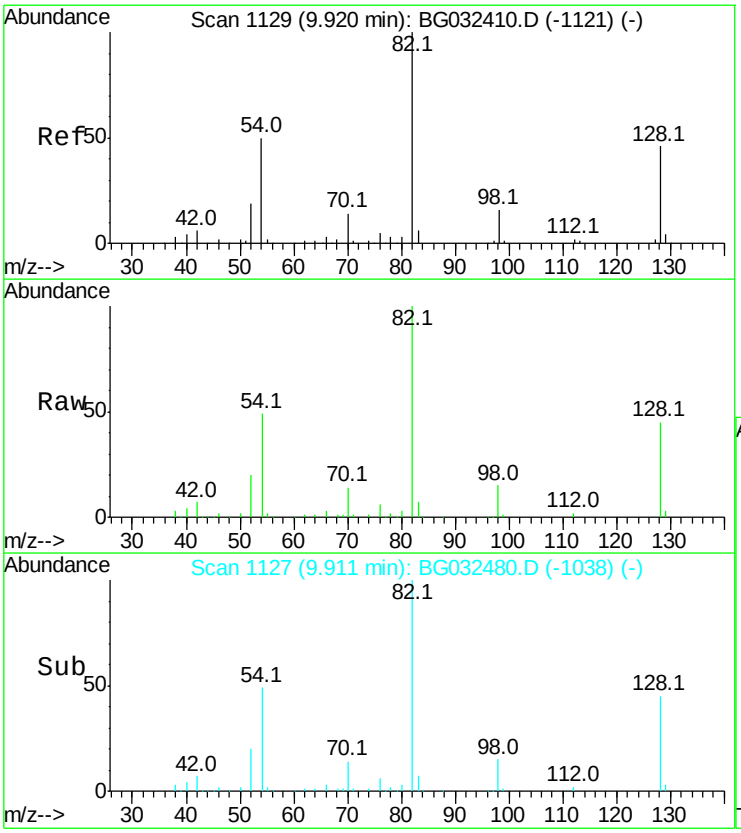
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 96522

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.5	10.3	15.5#
68	1.7	4.5	6.7#

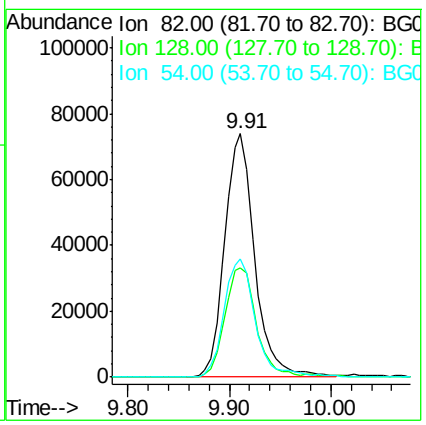


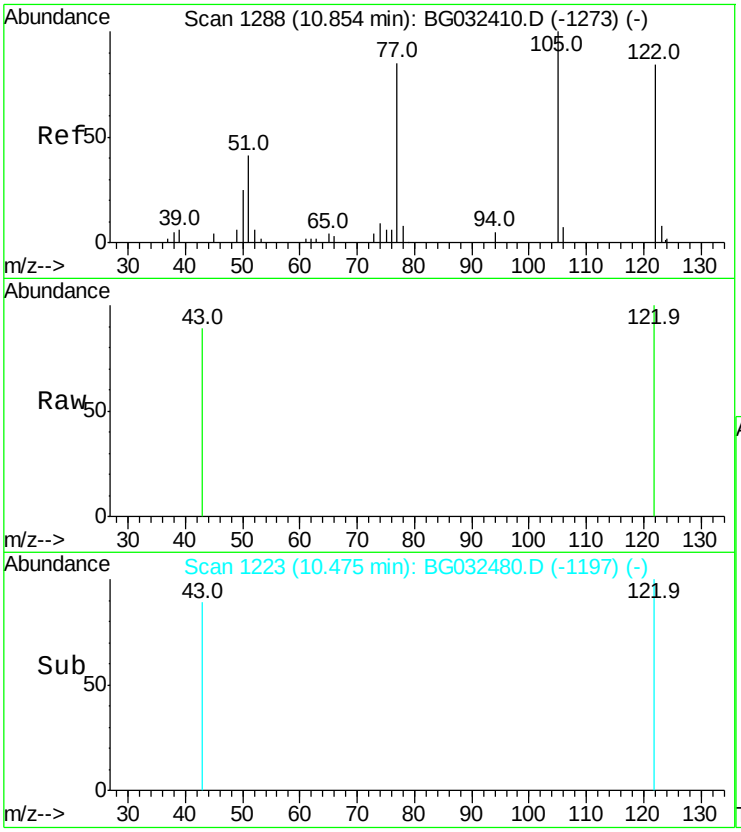


#23
Nitrobenzene-d5
Concen: 98.088 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion: 82 Resp: 151578

Ion	Ratio	Lower	Upper
82	100		
128	44.8	29.7	44.5#
54	48.6	43.1	64.7



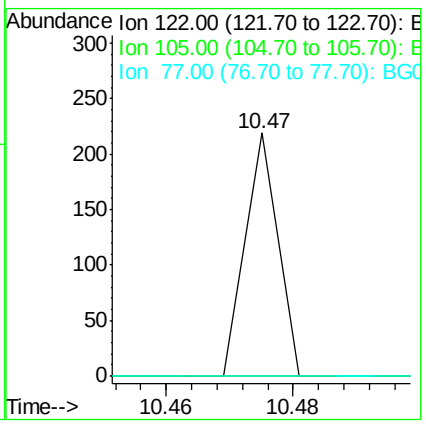


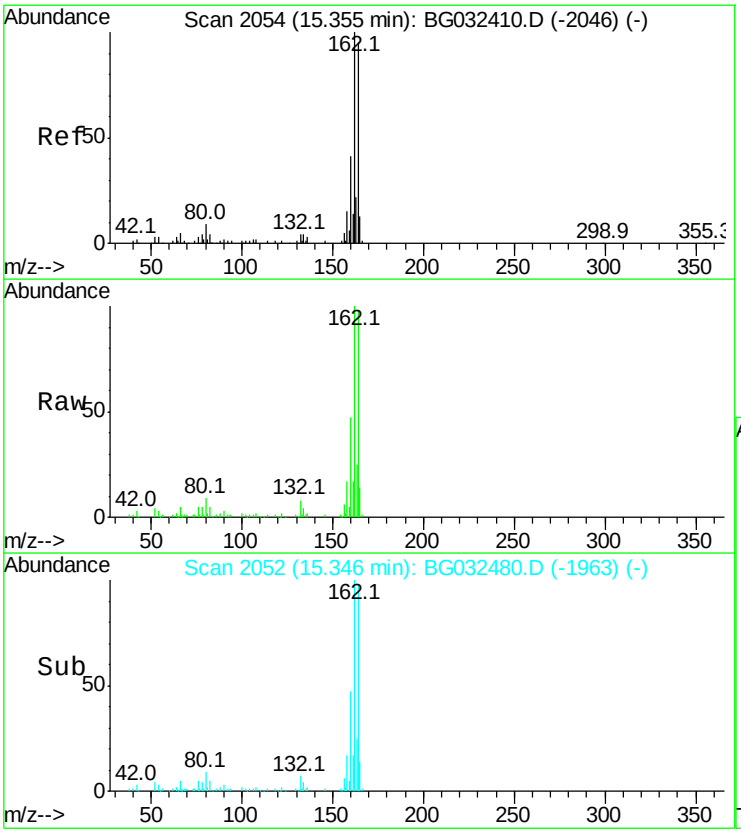
#32
Benzoic acid
Concen: 7.351 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.38 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 77

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

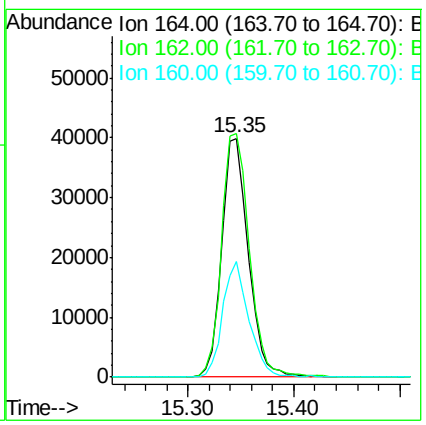


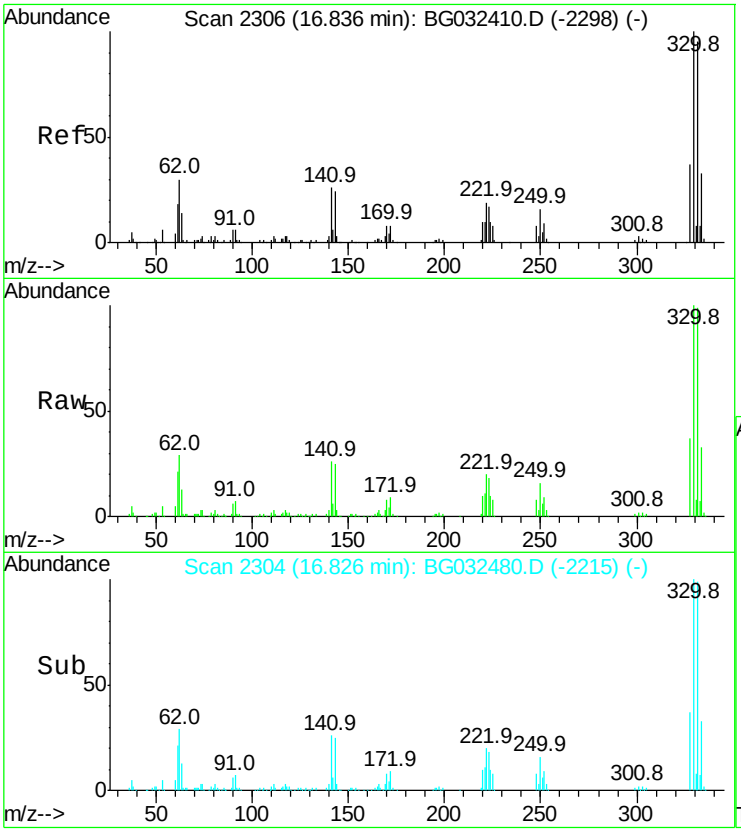


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:164 Resp: 69518

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	48.1	35.4	53.0



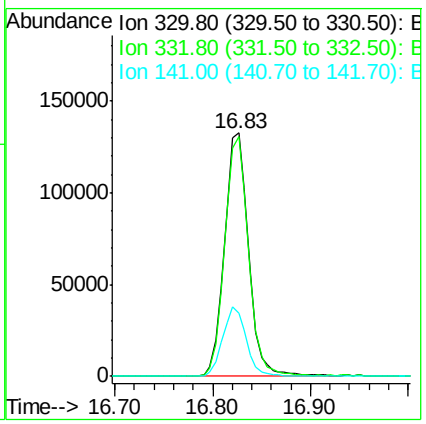


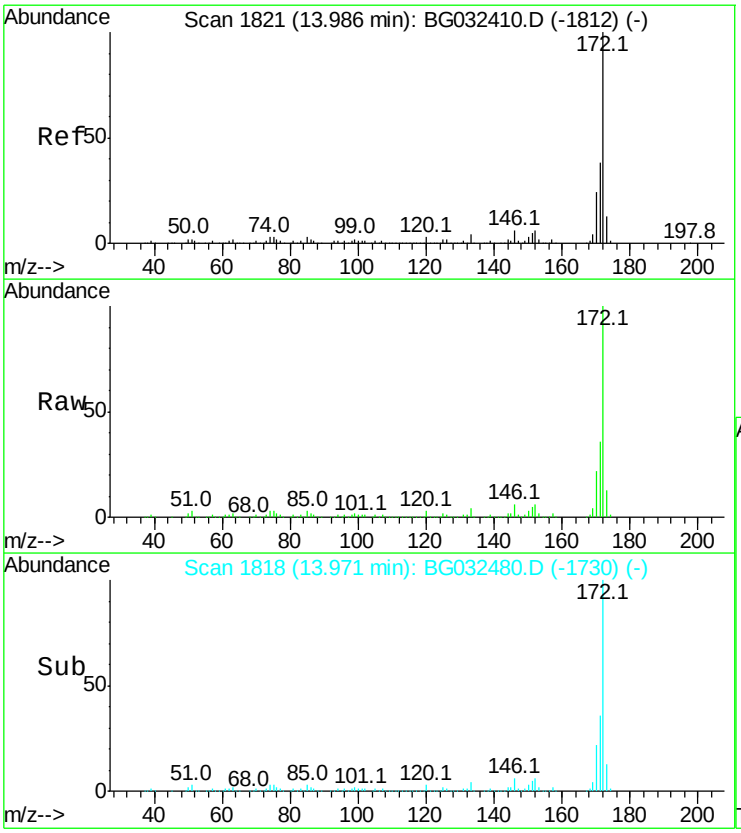
#41
2,4,6-Tribromophenol
Concen: 171.742 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 227262

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	28.1	25.2	37.8

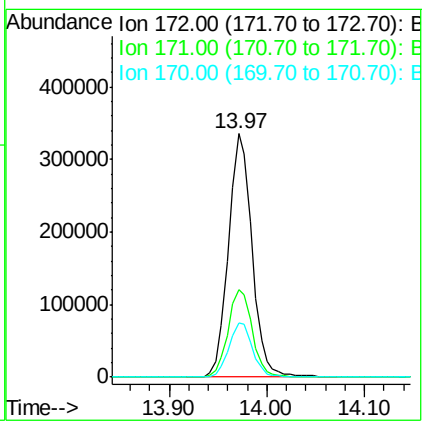


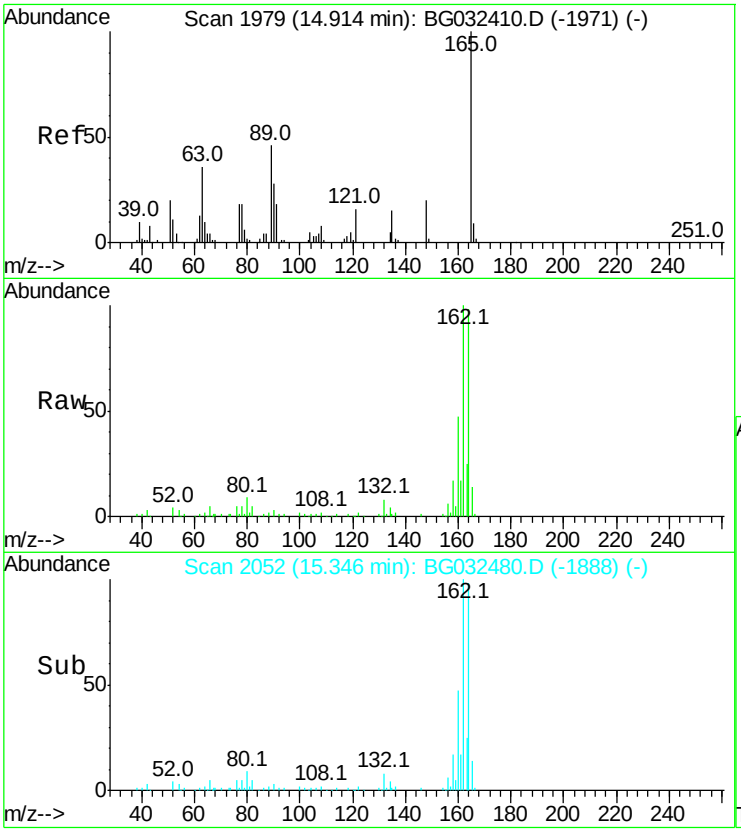


#44
2-Fluorobiphenyl
Concen: 96.301 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:172 Resp: 563257

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	22.1	19.5	29.3



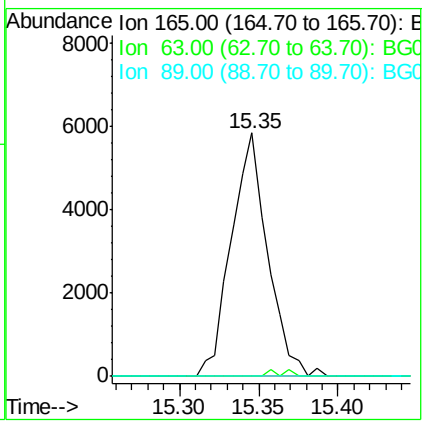


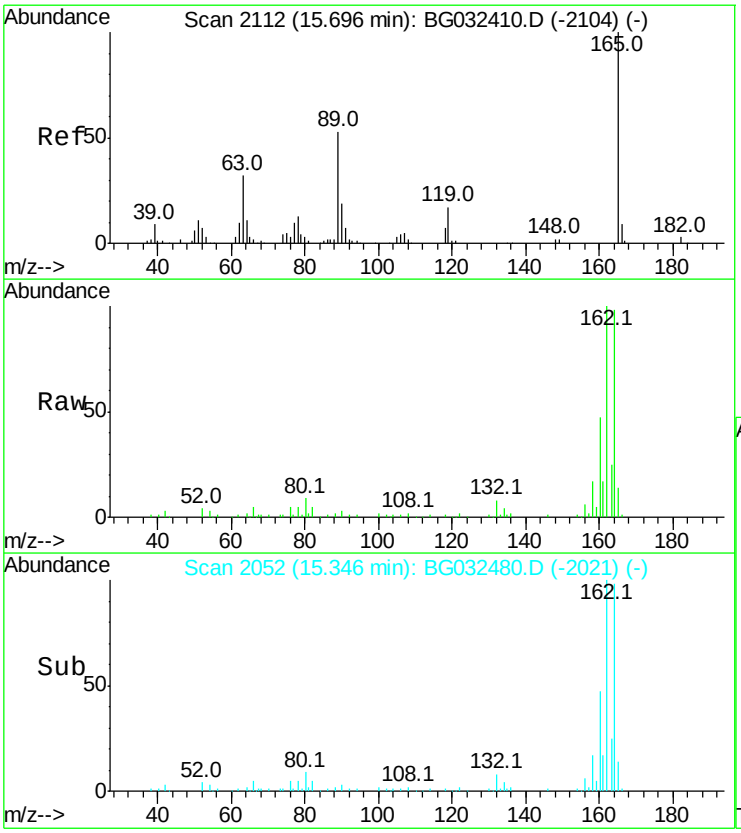
#50
2,6-Dinitrotoluene
Concen: 6.904 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 9288

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

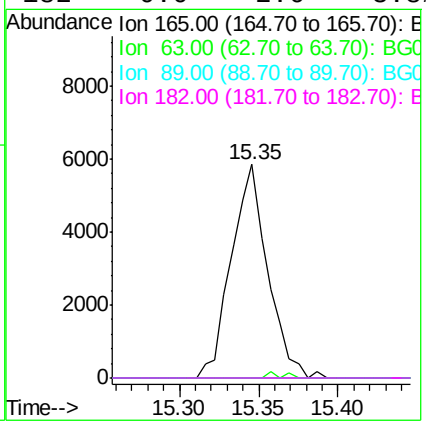


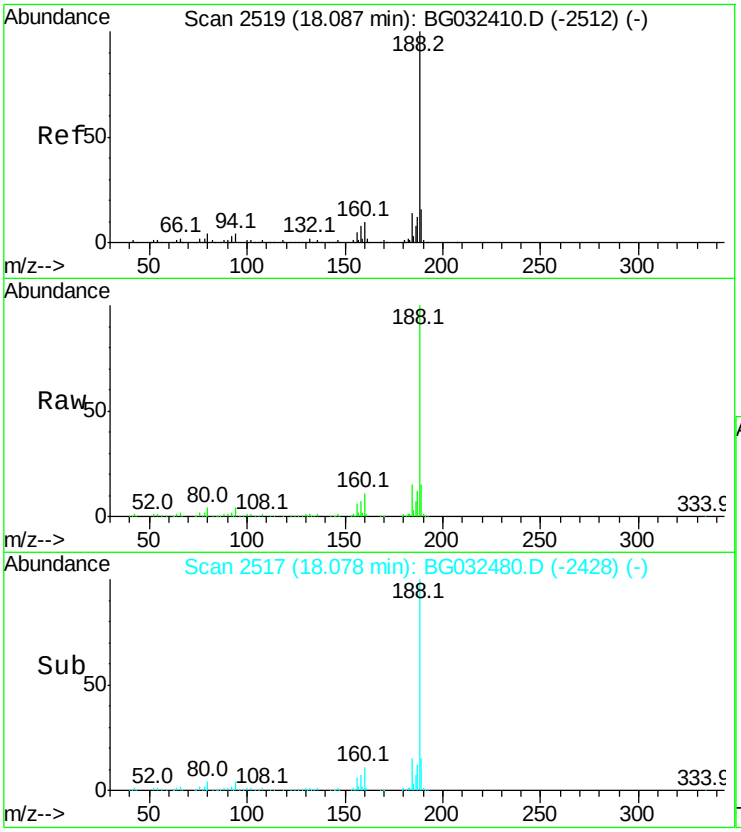


#56
2,4-Dinitrotoluene
Concen: 4.849 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:165 Resp: 9288

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#



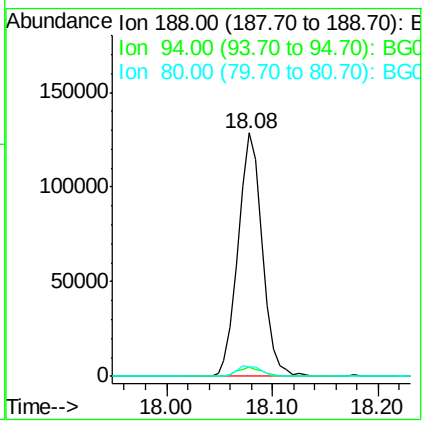


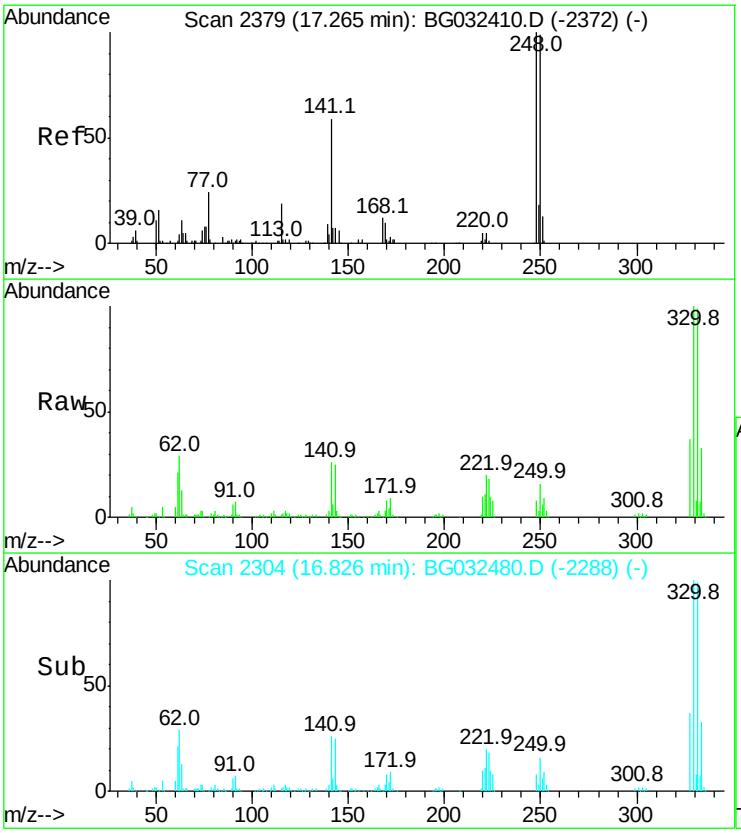
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 202444

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

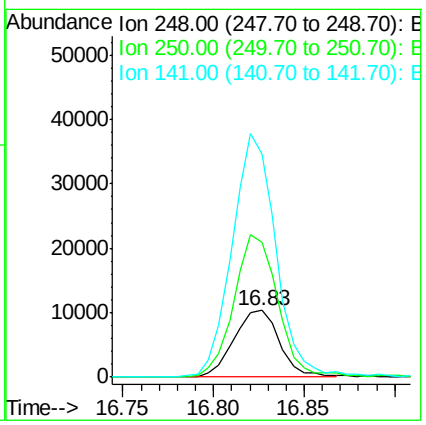


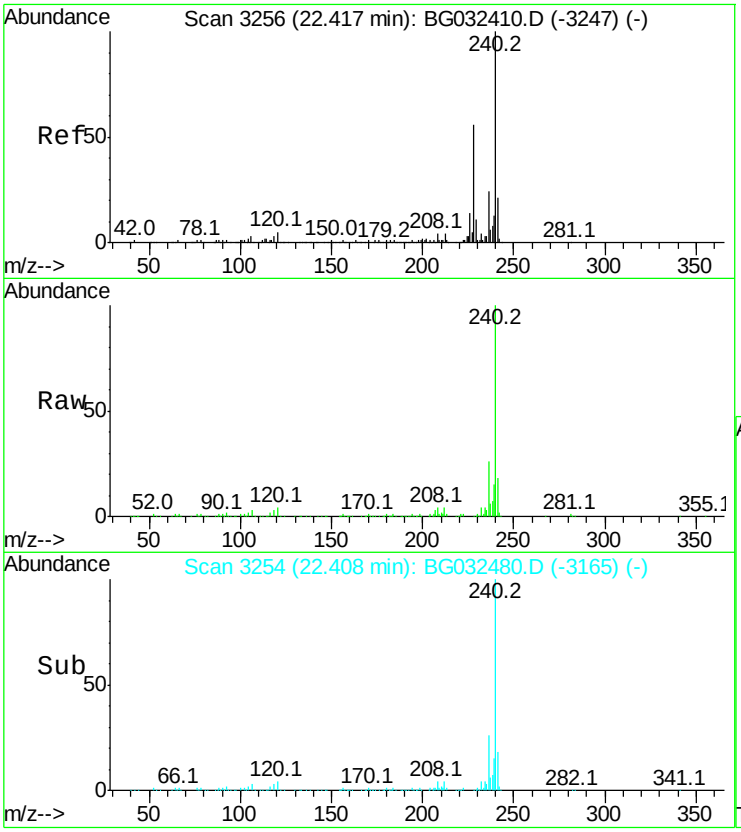


#66
4-Bromophenyl-phenylether
Concen: 6.028 ng
RT: 16.83 min Scan# 2304
Delta R.T. -0.44 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:248 Resp: 18079

Ion	Ratio	Lower	Upper
248	100		
250	202.7	77.1	115.7#
141	335.0	50.8	76.2#



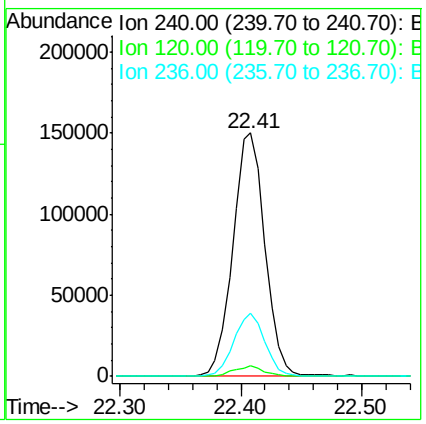


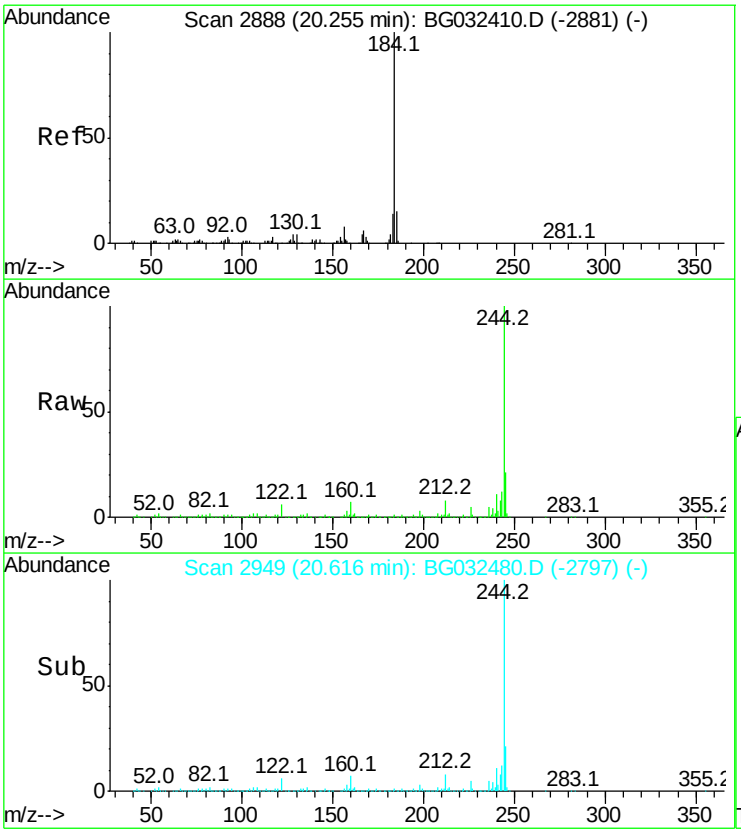
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 278132

Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	25.9	20.9	31.3

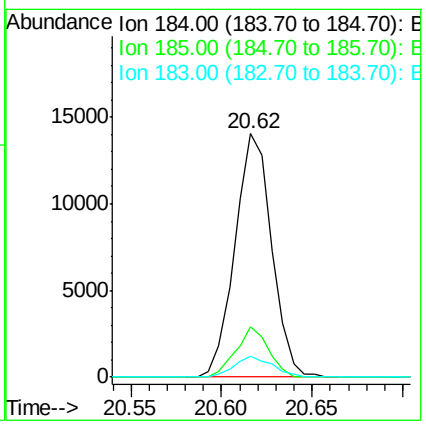


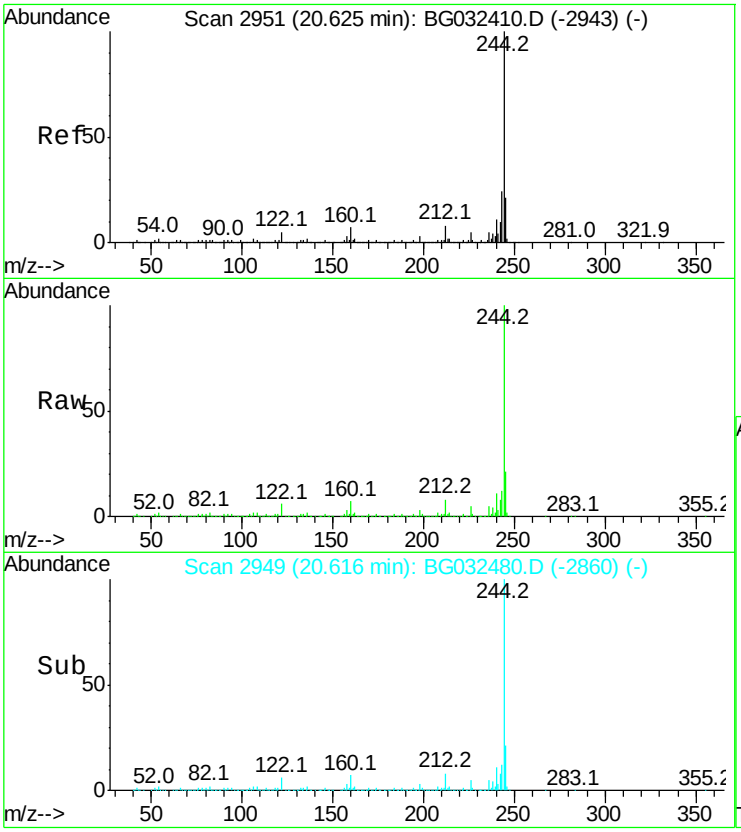


#76
Benzidine
Concen: 3.611 ng
RT: 20.62 min Scan# 2949
Delta R.T. 0.36 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:184 Resp: 19720

Ion	Ratio	Lower	Upper
184	100		
185	20.9	11.1	16.7#
183	8.3	10.6	16.0#



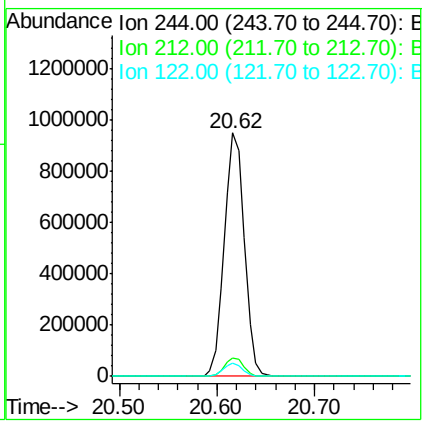


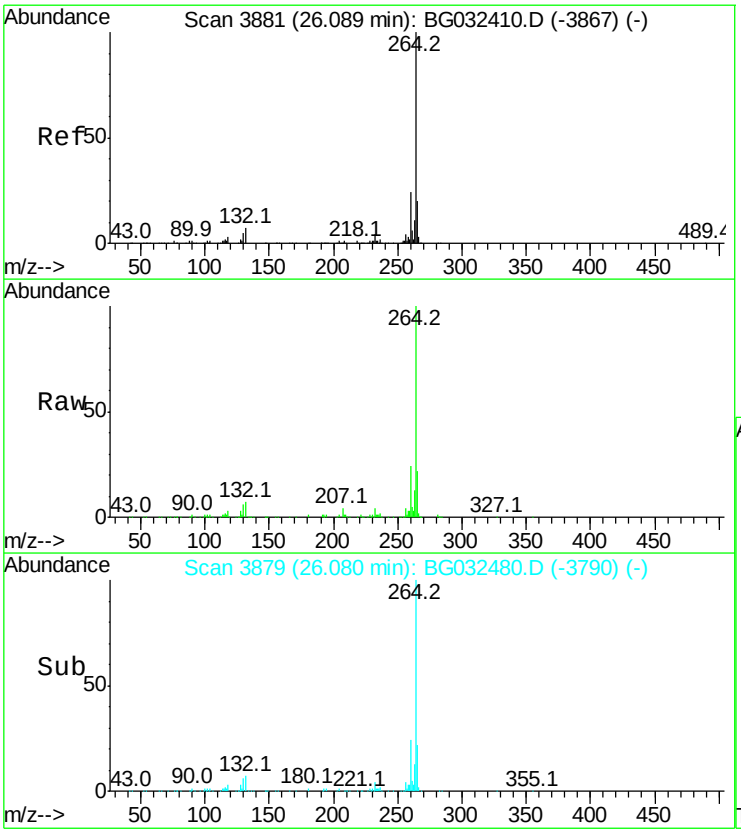
#78
Terphenyl-d14
Concen: 104.246 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1353544

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BG032480.D
Acq: 1 Feb 2018 1:32

Tgt Ion:264 Resp: 296973

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	21.9	17.7	26.5