Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032628.D
Acq On : 9 Feb 2018 4:08
Operator : SJ/JU
Sample : J1485-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 09 06:20:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	33547	20.00	ng		-0.02
21) Naphthalene-d8	11.56	136	120465	20.00	ng		-0.02
38) Acenaphthene-d10	15.32	164	86829	20.00	ng		-0.02
63) Phenanthrene-d10	18.06	188	251542	20.00	ng		-0.01
75) Chrysene-d12	22.39	240	321489	20.00	ng		-0.01
86) Perylene-d12	26.06	264	323396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.13	112	246744	147.73	ng		-0.02
7) Phenol-d6	7.81	99	268048	120.27	ng		-0.02
23) Nitrobenzene-d5	9.88	82	218811	113.45	ng		-0.03
41) 2,4,6-Tribromophenol	16.80	330	249583	151.01	ng		-0.02
44) 2-Fluorobiphenyl	13.95	172	740191	101.32	ng		-0.02
78) Terphenyl-d14	20.60	244	1570409	104.64	ng		-0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	9.02	79	4059	2.21	ng	#	34
19) n-Nitroso-di-n-propylamine	9.88	70	33500	22.67	ng	#	72
31) Naphthalene	11.61	128	31653	5.38	ng		95
32) Benzoic acid	10.70	122	58	7.32	ng	#	1
50) 2,6-Dinitrotoluene	15.32	165	11305	6.73	ng	#	18
56) 2,4-Dinitrotoluene	15.32	165	11305	4.73	ng	#	16
66) 4-Bromophenyl-phenylether	16.80	248	21970	5.90	ng	#	1
76) Benzidine	20.60	184	24300	3.85	ng	#	85

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

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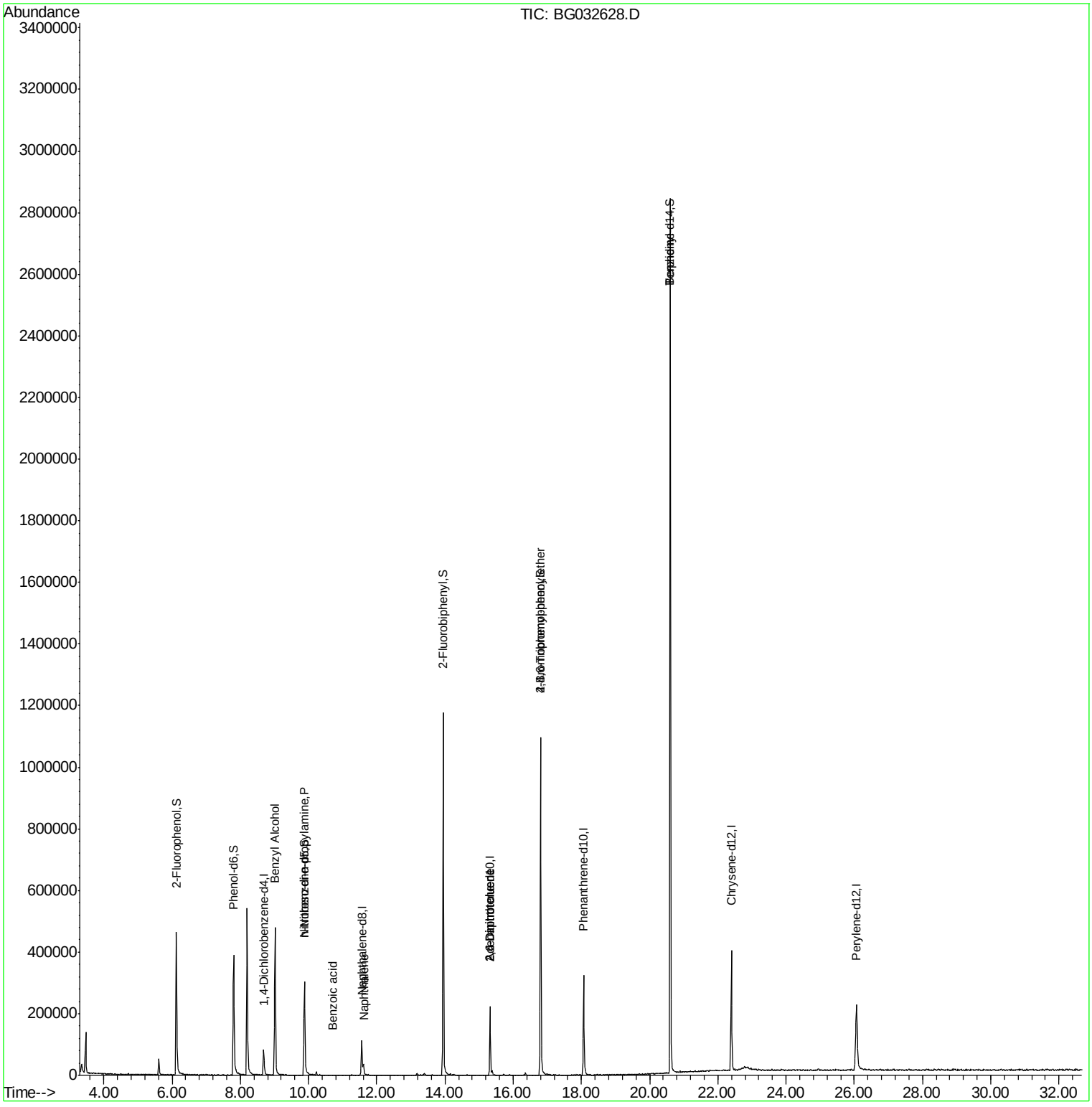
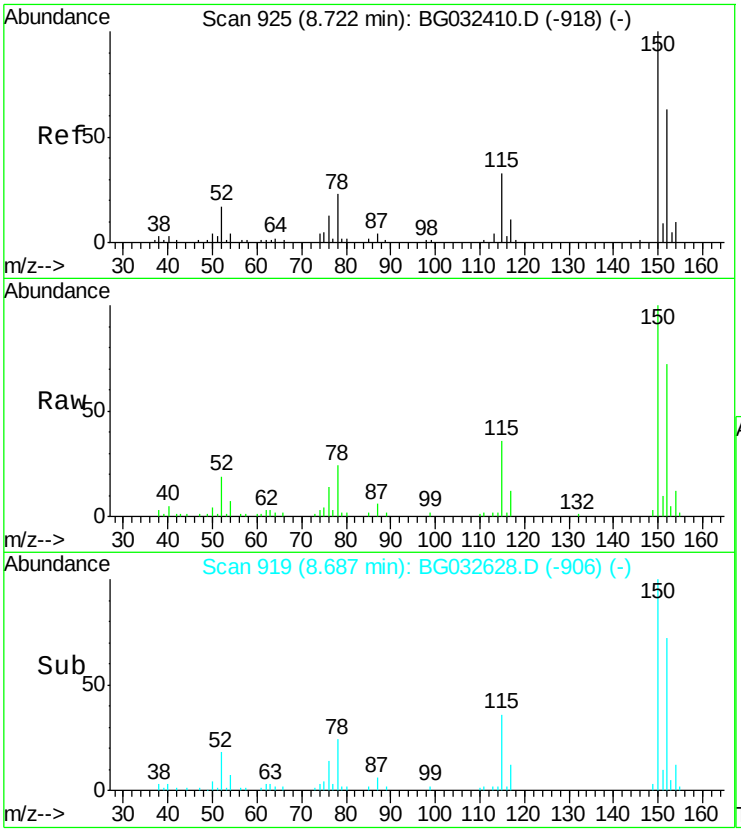


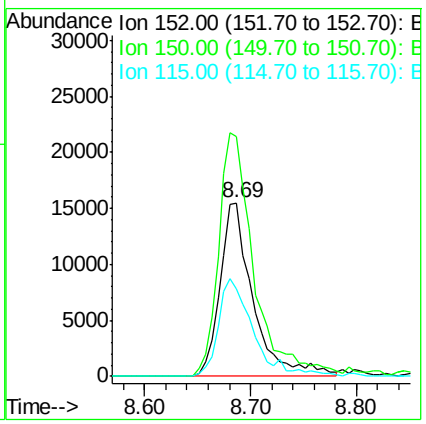


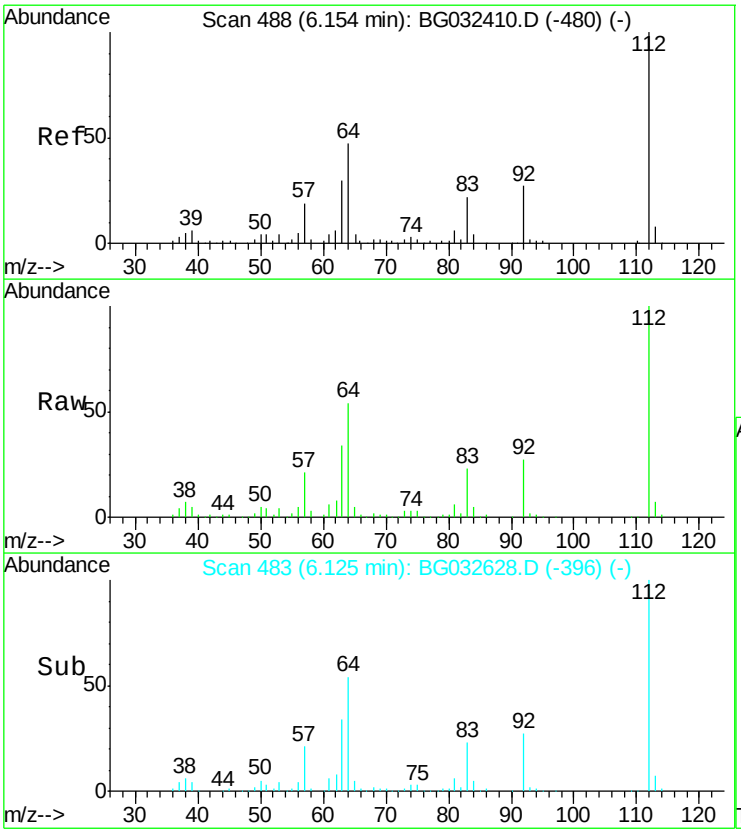
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33547

Ion	Ratio	Lower	Upper
152	100		
150	138.2	126.6	189.8
115	50.2	53.0	79.4#

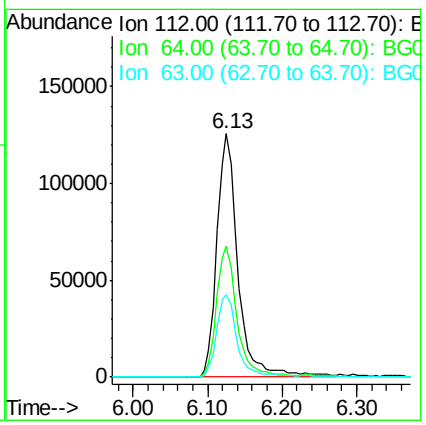


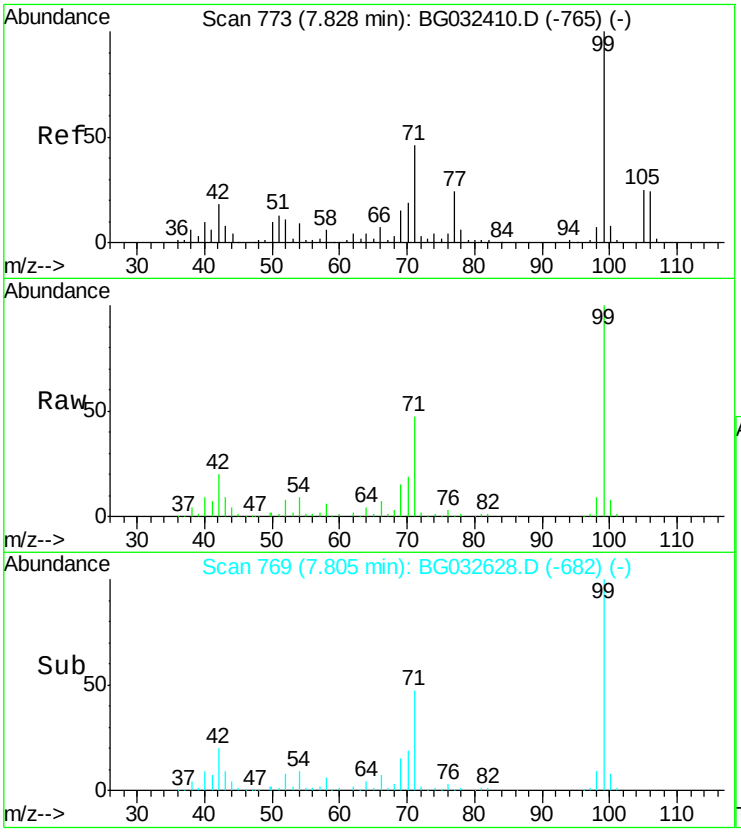


#5
2-Fluorophenol
Concen: 147.73 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:112 Resp: 246744

Ion	Ratio	Lower	Upper
112	100		
64	53.8	56.3	84.5#
63	34.0	30.1	45.1



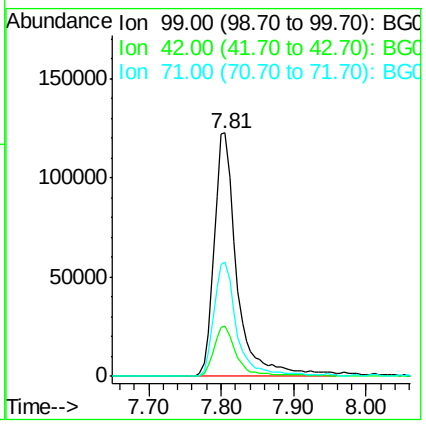


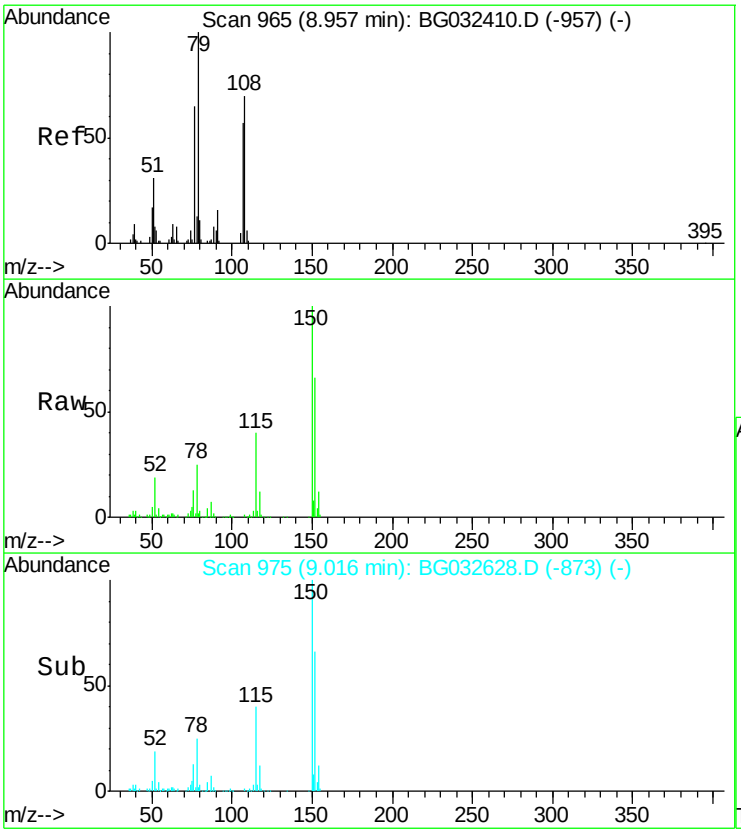
#7
Phenol-d6
Concen: 120.27 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 268048

Ion	Ratio	Lower	Upper
99	100		
42	20.5	14.1	21.1
71	46.9	26.1	39.1#

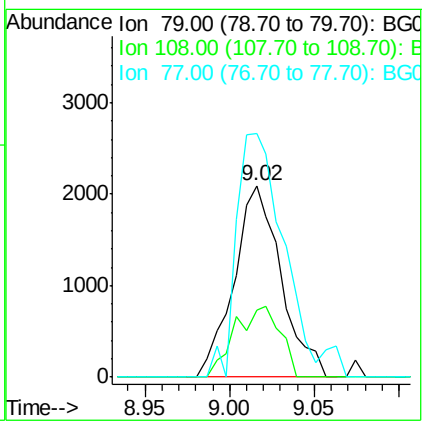


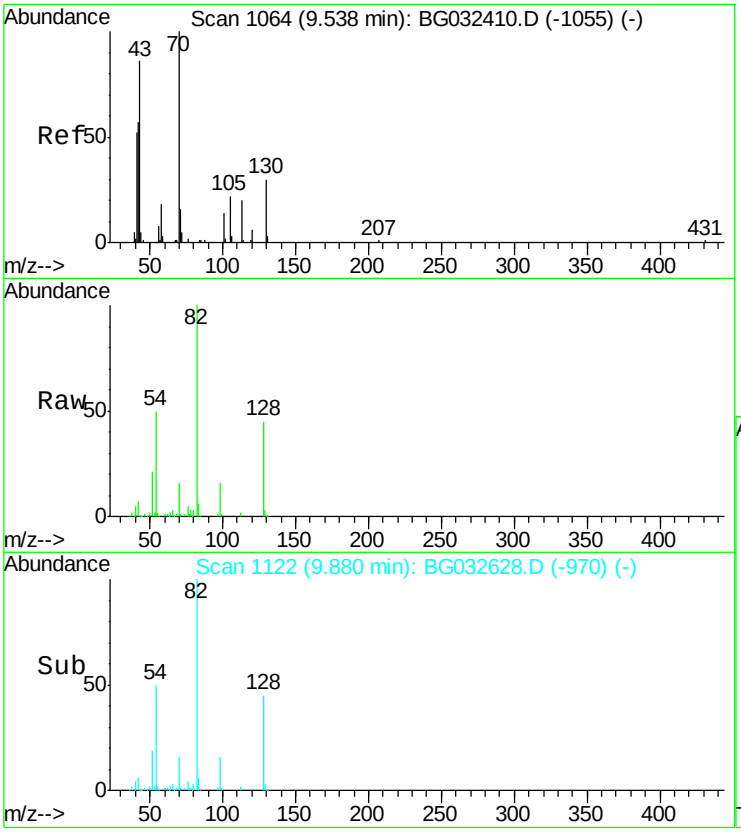


#15
Benzyl Alcohol
Concen: 2.21 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.07 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion: 79 Resp: 4059

Ion	Ratio	Lower	Upper
79	100		
108	34.9	57.2	85.8#
77	127.1	46.1	69.1#



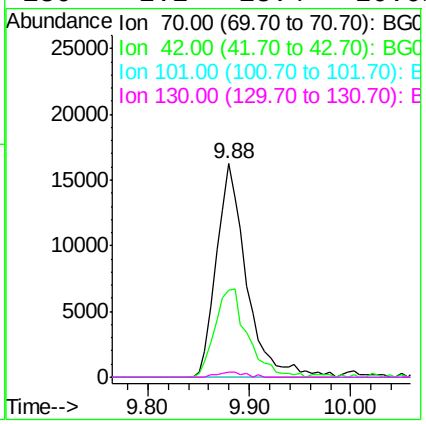


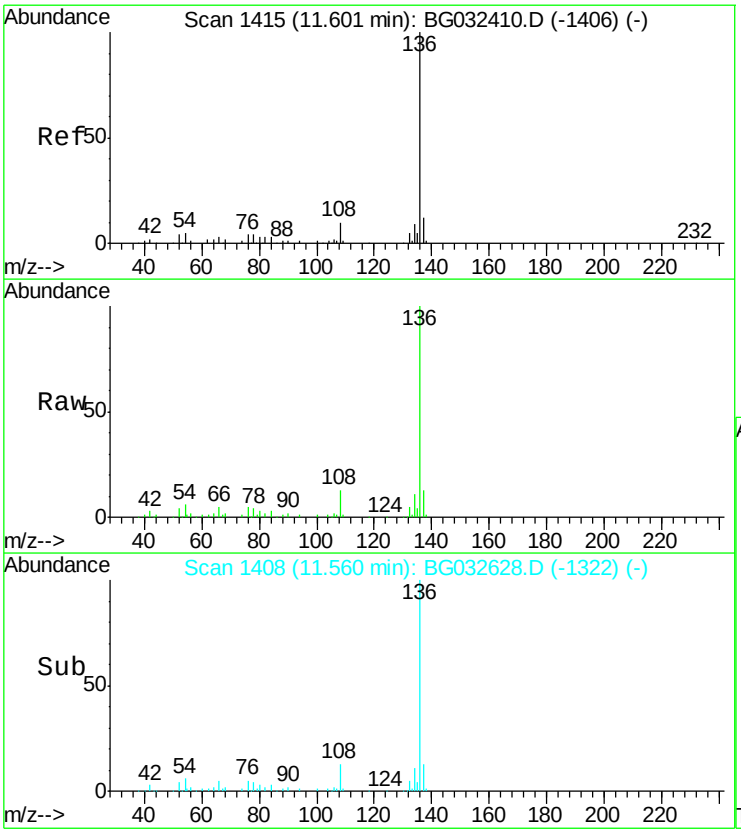
#19
n-Nitroso-di-n-propylamine
Concen: 22.67 ng
RT: 9.88 min Scan# 1122
Delta R.T. 0.36 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 33500

Ion	Ratio	Lower	Upper
70	100		
42	40.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#

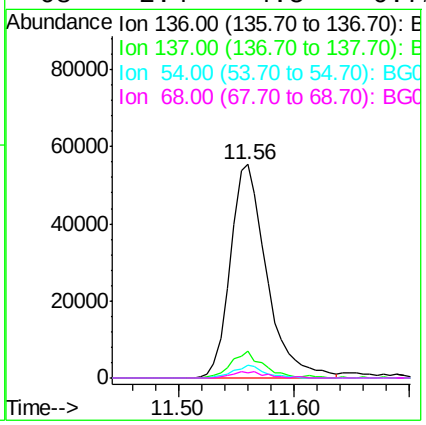


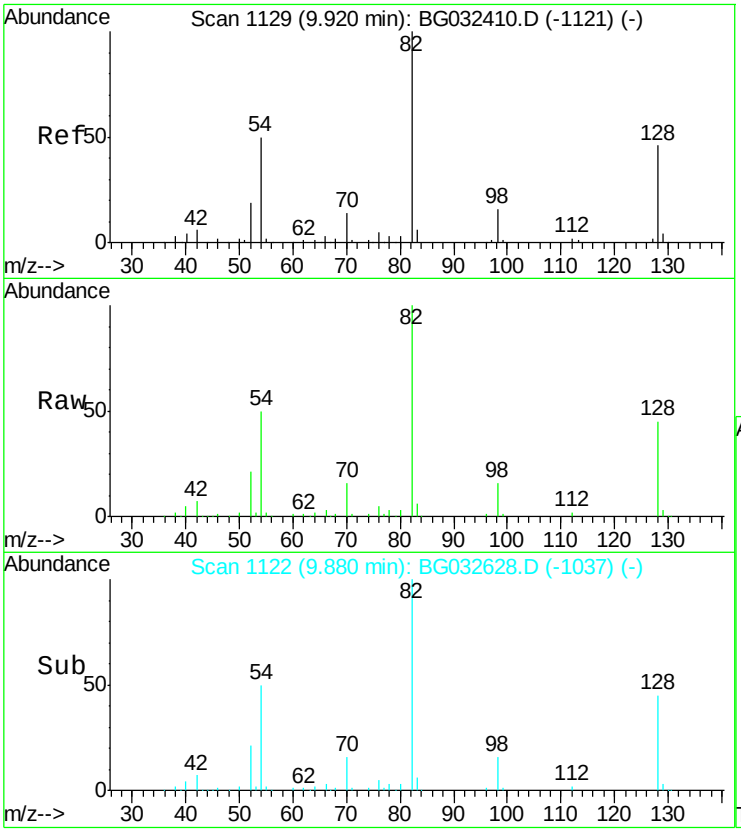


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.56 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:136 Resp: 120465

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	6.3	10.3	15.5#
68	2.4	4.5	6.7#



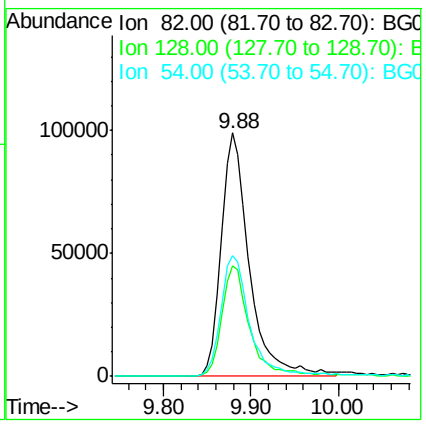


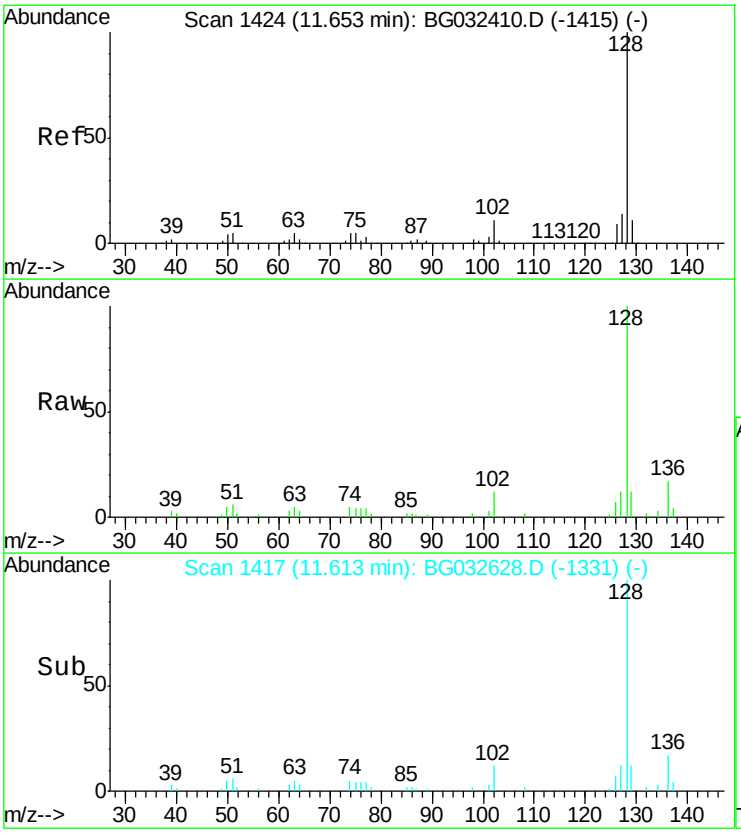
#23
Nitrobenzene-d5
Concen: 113.45 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 218811

Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	49.7	43.1	64.7

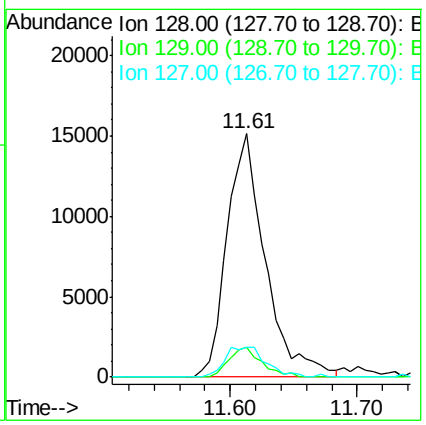


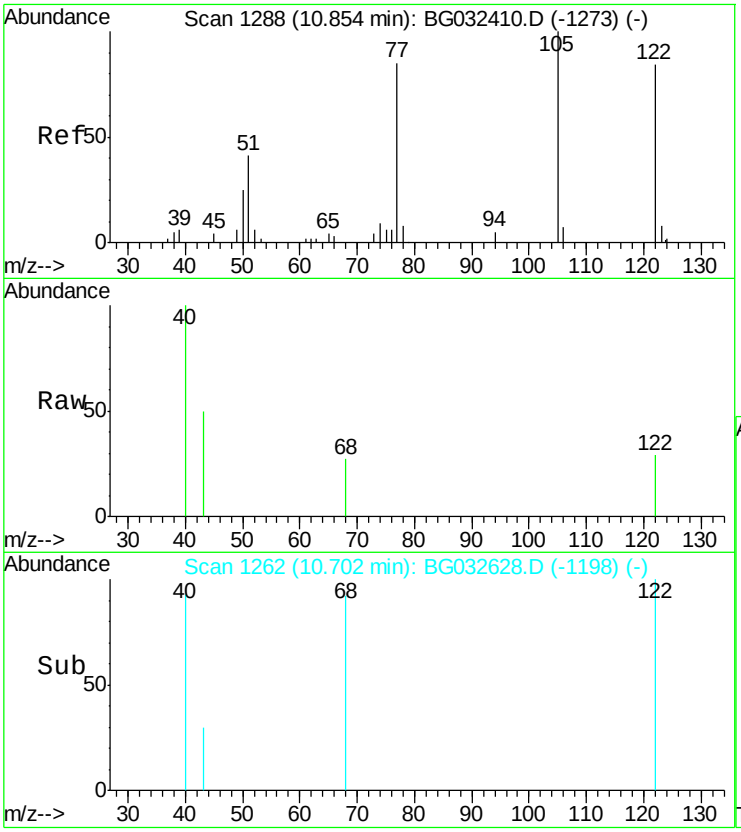


#31
Naphthalene
Concen: 5.38 ng
RT: 11.61 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:128 Resp: 31653

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	12.4	11.6	17.4



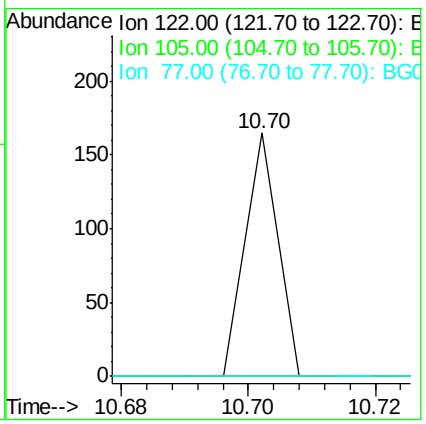


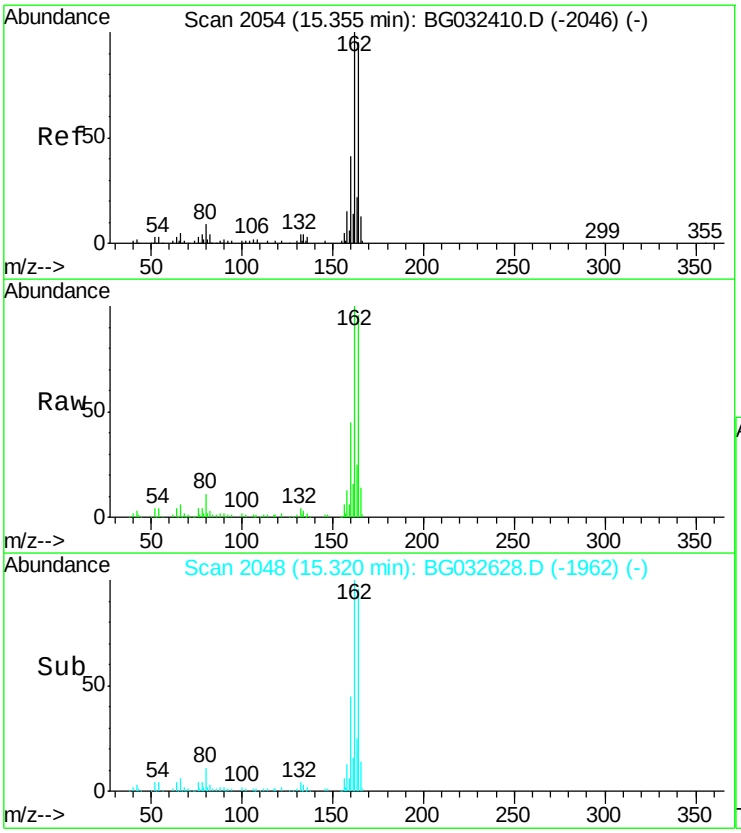
#32
Benzoic acid
Concen: 7.32 ng
RT: 10.70 min Scan# 1262
Delta R.T. -0.15 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 58

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

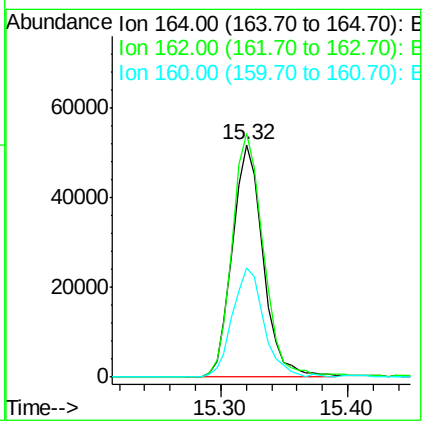


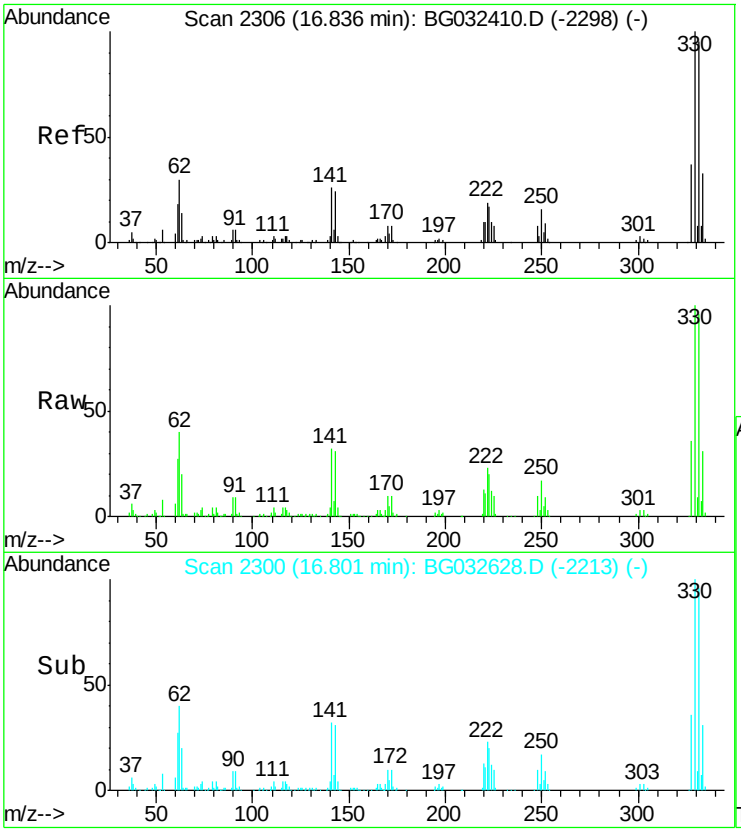


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:164 Resp: 86829

Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	47.1	35.4	53.0



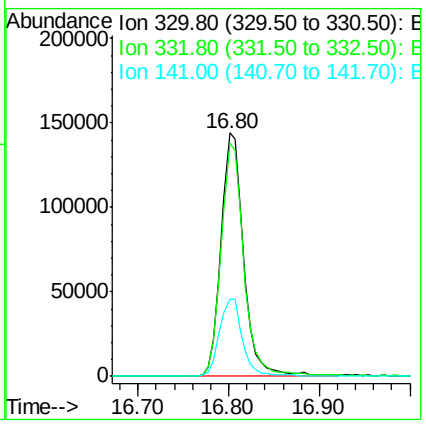


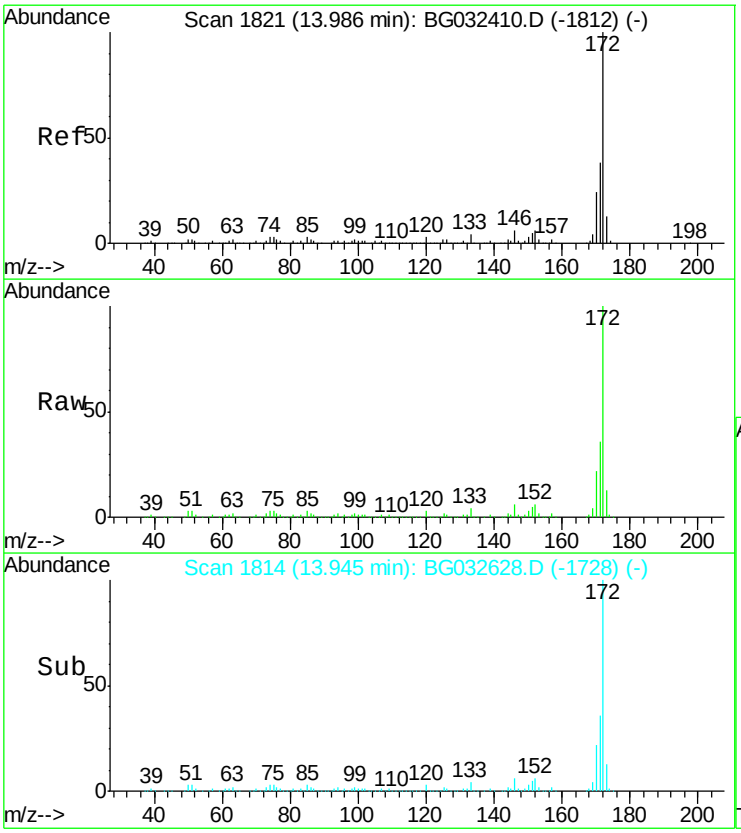
#41
2,4,6-Tribromophenol
Concen: 151.01 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 249583

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	32.6	25.2	37.8

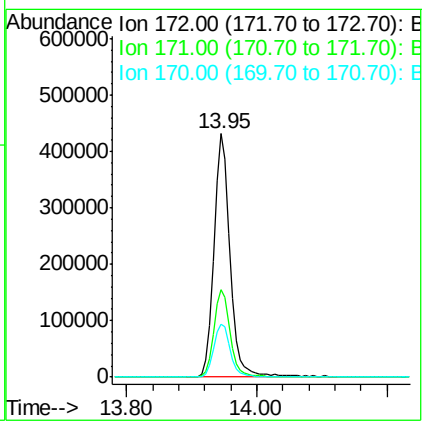


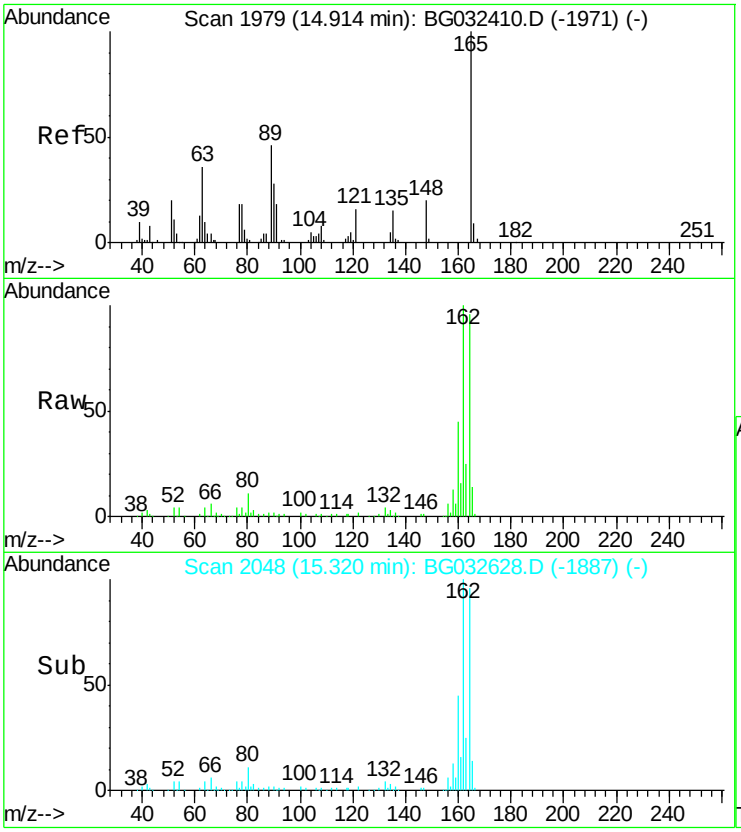


#44
2-Fluorobiphenyl
Concen: 101.32 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:172 Resp: 740191

Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	21.8	19.5	29.3



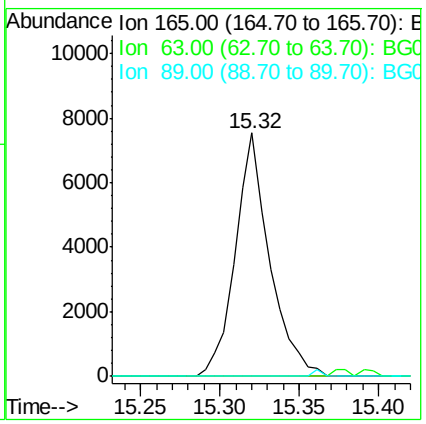


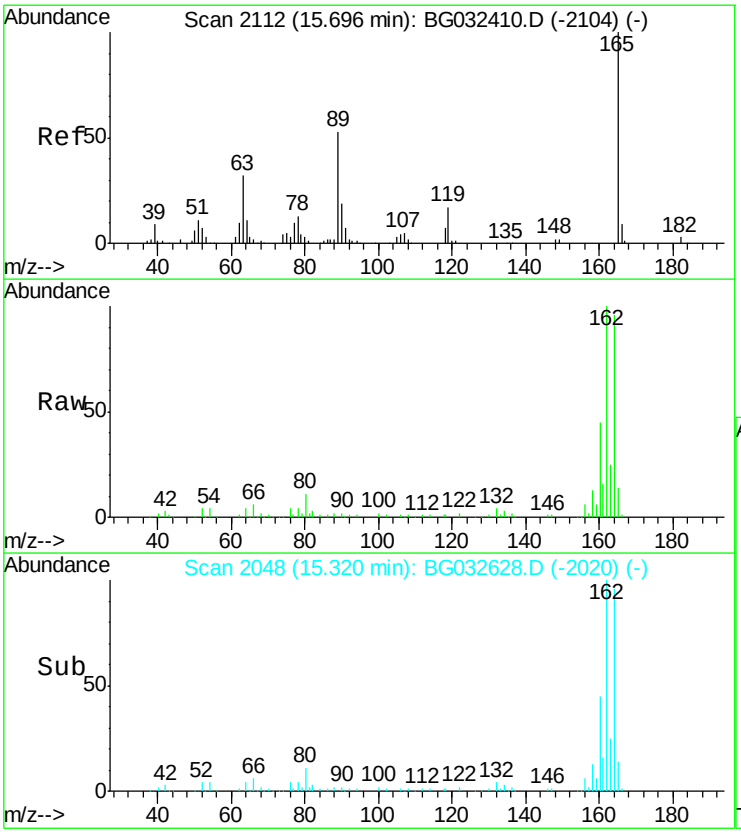
#50
2,6-Dinitrotoluene
Concen: 6.73 ng
RT: 15.32 min Scan# 2048
Delta R.T. 0.42 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 11305

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

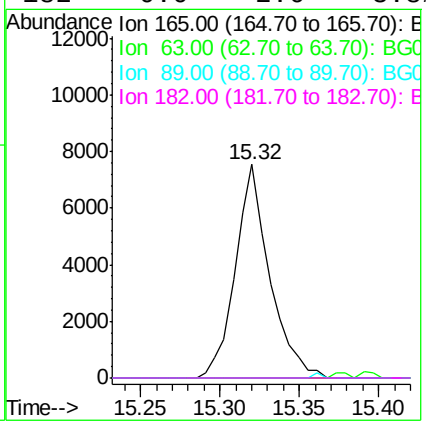


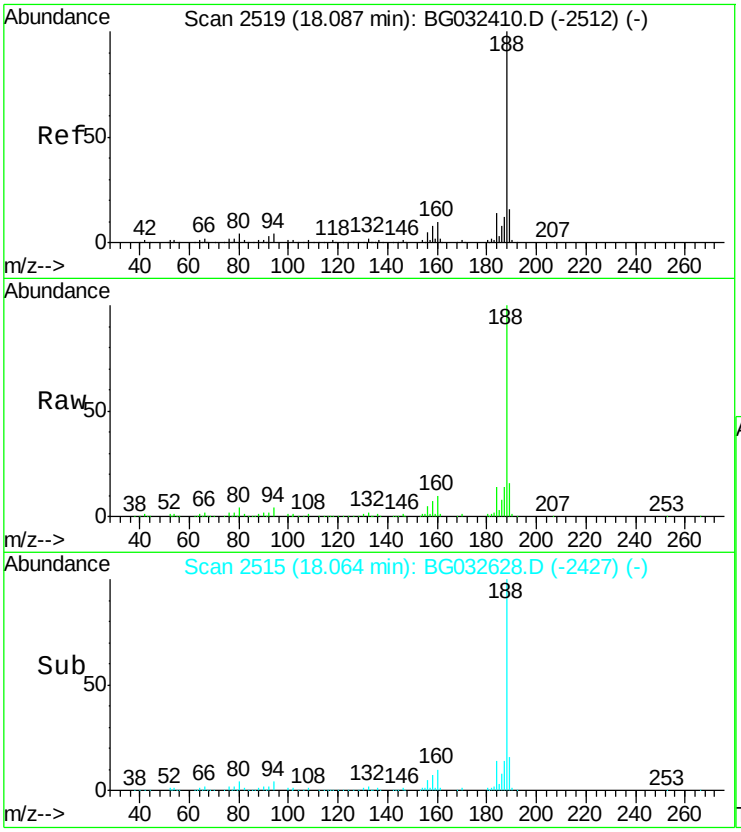


#56
2,4-Dinitrotoluene
Concen: 4.73 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.36 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:165 Resp: 11305

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#



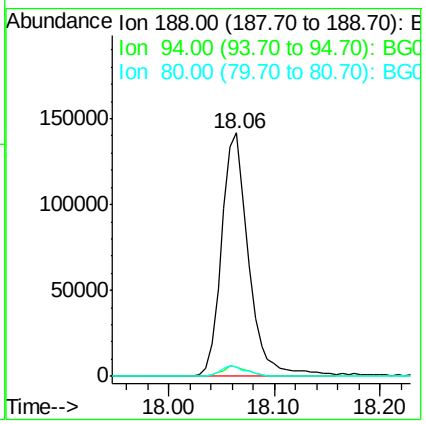


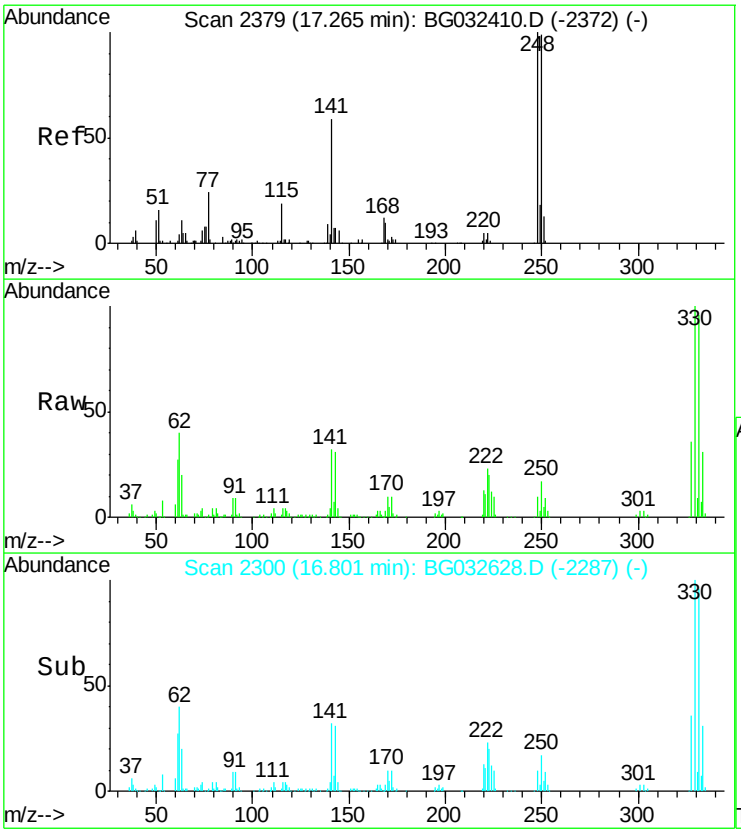
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.06 min Scan# 2515
Delta R.T. -0.01 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 251542

Ion	Ratio	Lower	Upper
188	100		
94	3.7	6.9	10.3#
80	3.9	7.7	11.5#

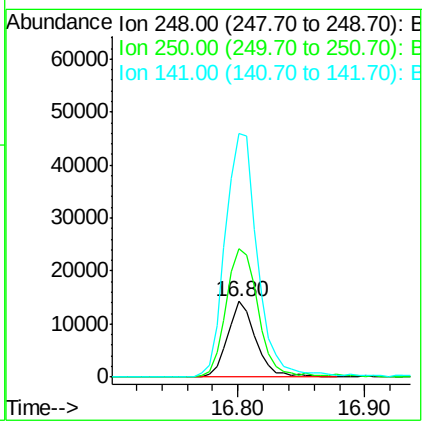


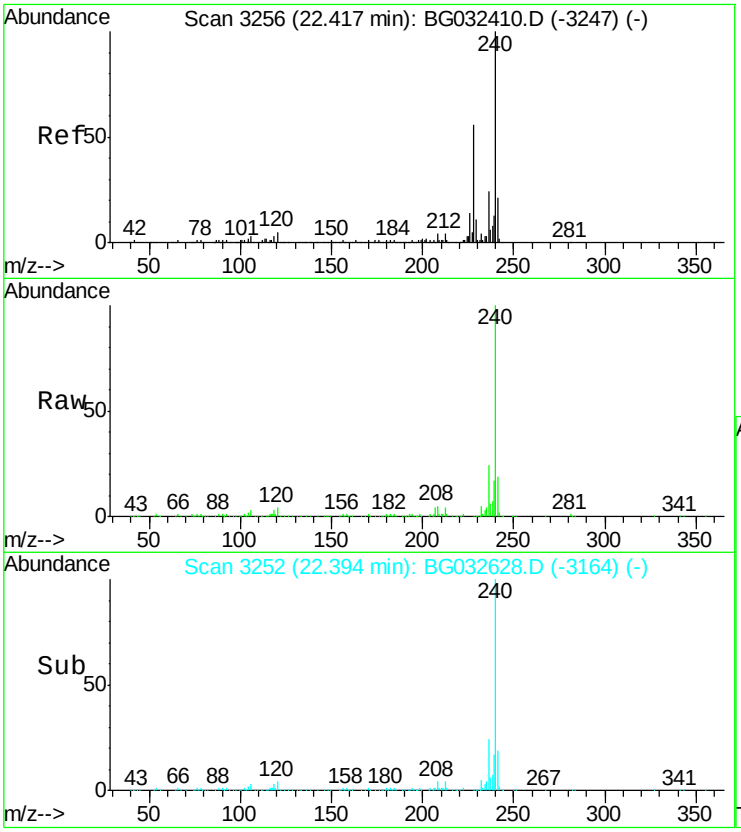


#66
4-Bromophenyl-phenylether
Concen: 5.90 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.45 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:248 Resp: 21970

Ion	Ratio	Lower	Upper
248	100		
250	169.6	77.1	115.7#
141	321.2	50.8	76.2#



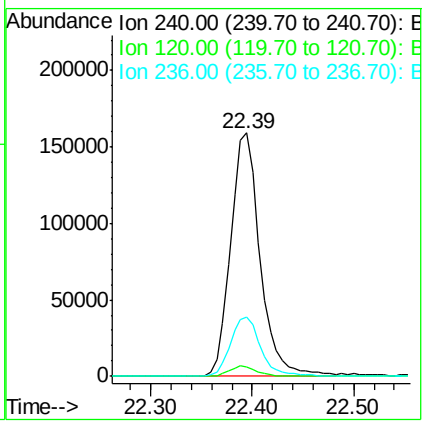


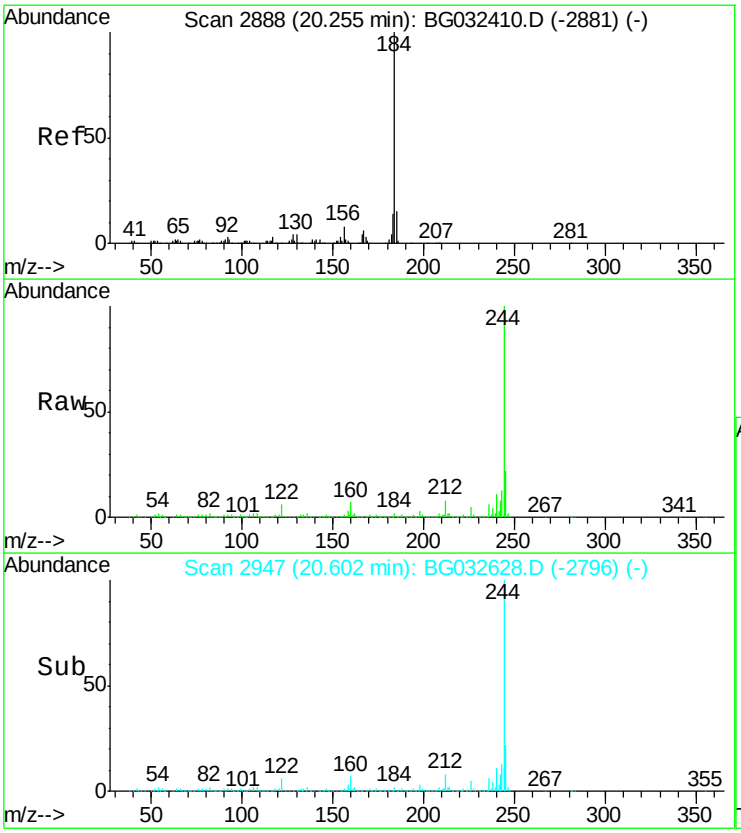
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.39 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 321489

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	24.3	20.9	31.3

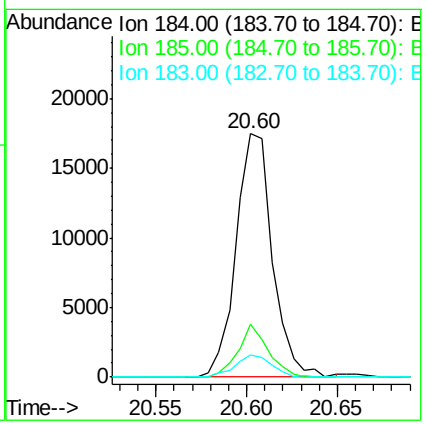


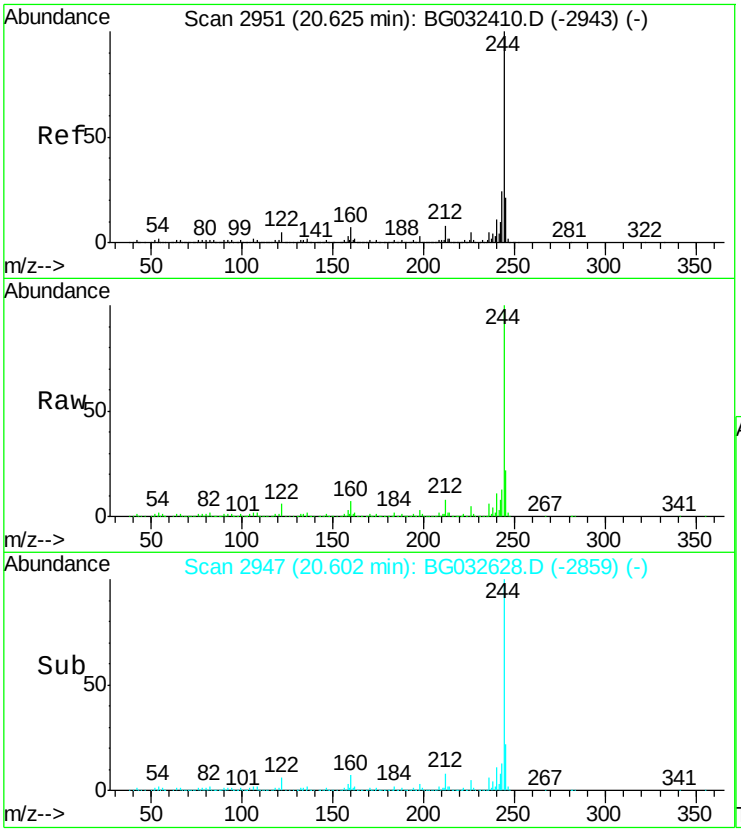


#76
Benzidine
Concen: 3.85 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.36 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:184 Resp: 24300

Ion	Ratio	Lower	Upper
184	100		
185	21.7	11.1	16.7#
183	9.0	10.6	16.0#



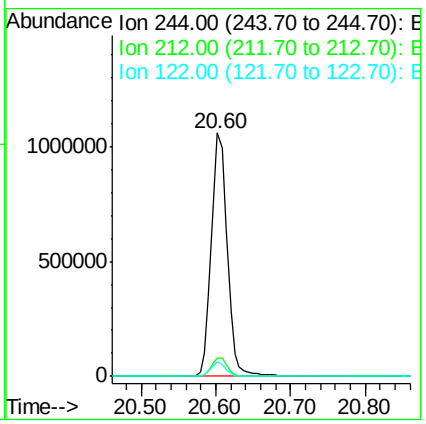


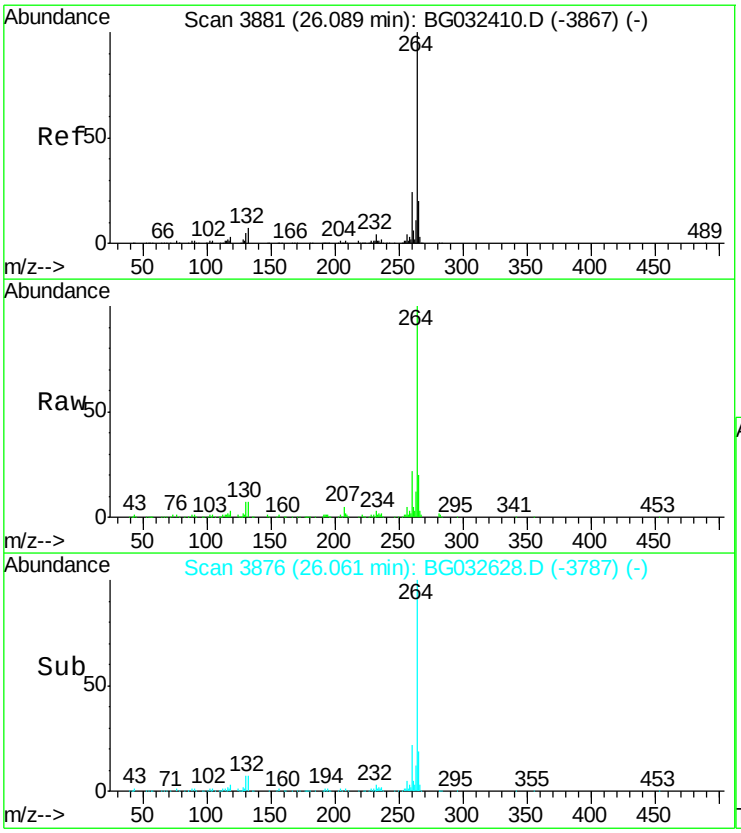
#78
Terphenyl-d14
Concen: 104.64 ng
RT: 20.60 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1570409

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





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.01 min
Lab File: BG032628.D
Acq: 9 Feb 2018 4:08

Tgt Ion:264 Resp: 323396

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	19.7	17.7	26.5