Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
Data File : BG028978.D
Acq On : 29 Sep 2017 20:56
Operator : SJ/JU
Sample : I5450-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 29 22:36:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38615	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	156976	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	107834	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	262339	20.00	ng		-0.05
75) Chrysene-d12	21.96	240	306763	20.00	ng		-0.07
86) Perylene-d12	25.41	264	314537	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	327628	140.00	ng		-0.05
7) Phenol-d6	7.44	99	408920	116.05	ng		-0.05
23) Nitrobenzene-d5	9.45	82	314444	95.82	ng		-0.05
41) 2,4,6-Tribromophenol	16.38	330	232524	130.37	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	774010	95.71	ng		-0.05
78) Terphenyl-d14	20.23	244	1382511	96.11	ng		-0.05
Target Compounds							Qvalue
6) Aniline	7.61	93	8757	2.135	ng		96
11) bis(2-Chloroethyl)ether	7.61	93	8757	3.280	ng	#	17
32) Benzoic acid	10.65	122	114	6.136	ng	#	1
40) Hexachlorocyclopentadiene	12.93	237	53	7.631	ng	#	29
76) Benzidine	19.87	184	1062490	133.561	ng		97

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

Quantitation Report (Not Reviewed)

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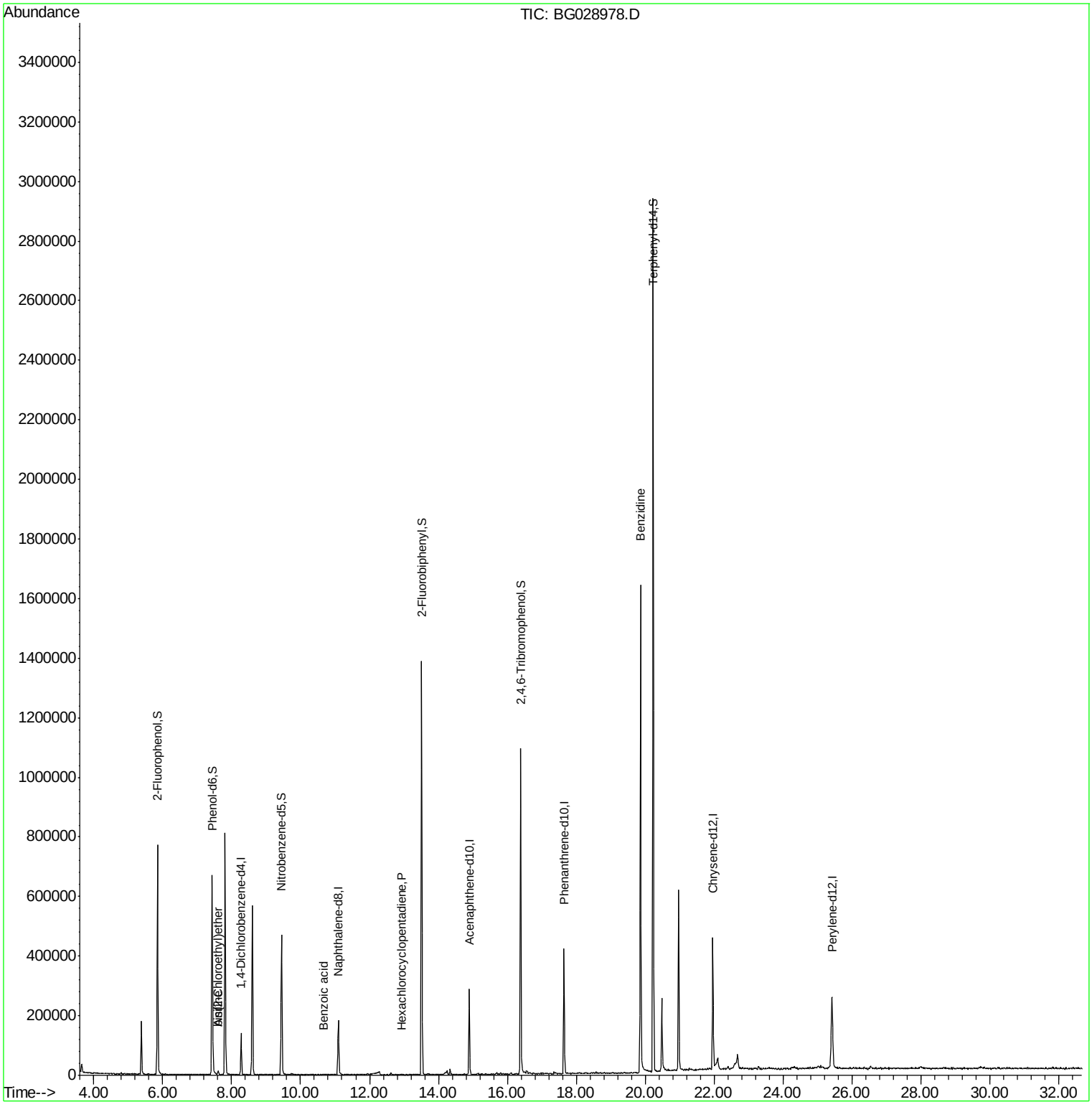
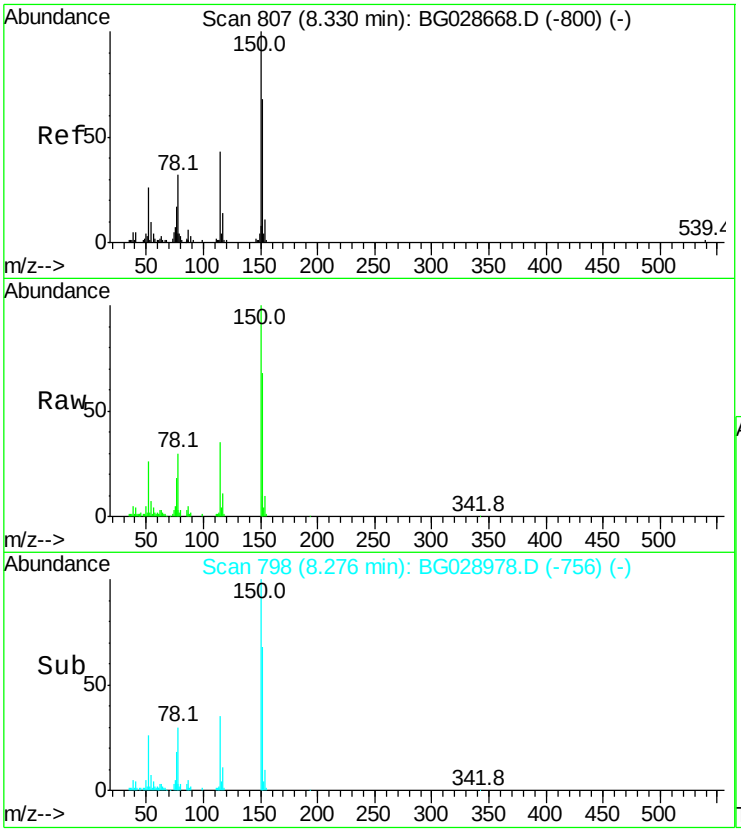


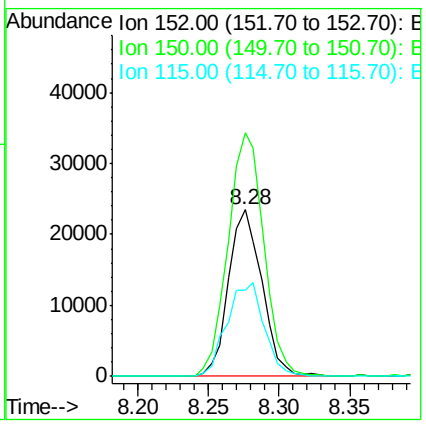


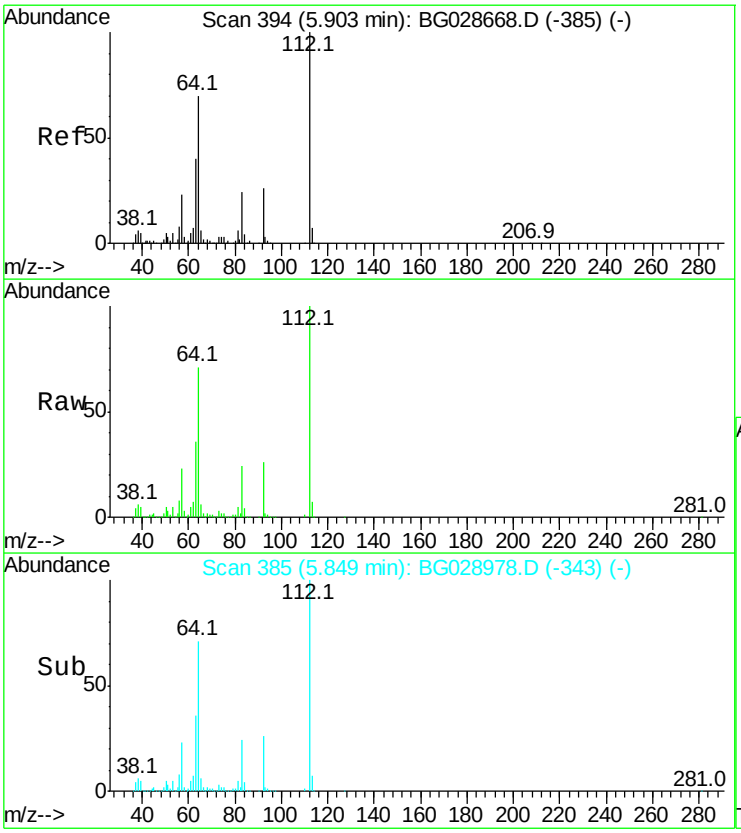
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 38615

Ion	Ratio	Lower	Upper
152	100		
150	146.2	114.0	171.0
115	51.8	48.1	72.1

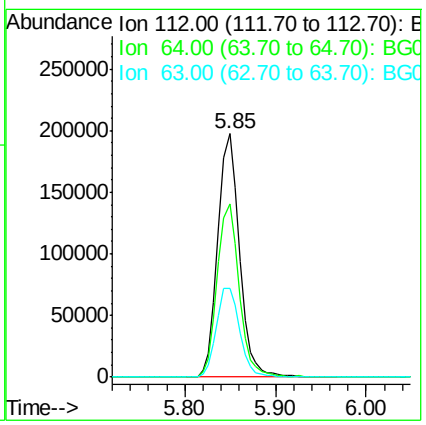


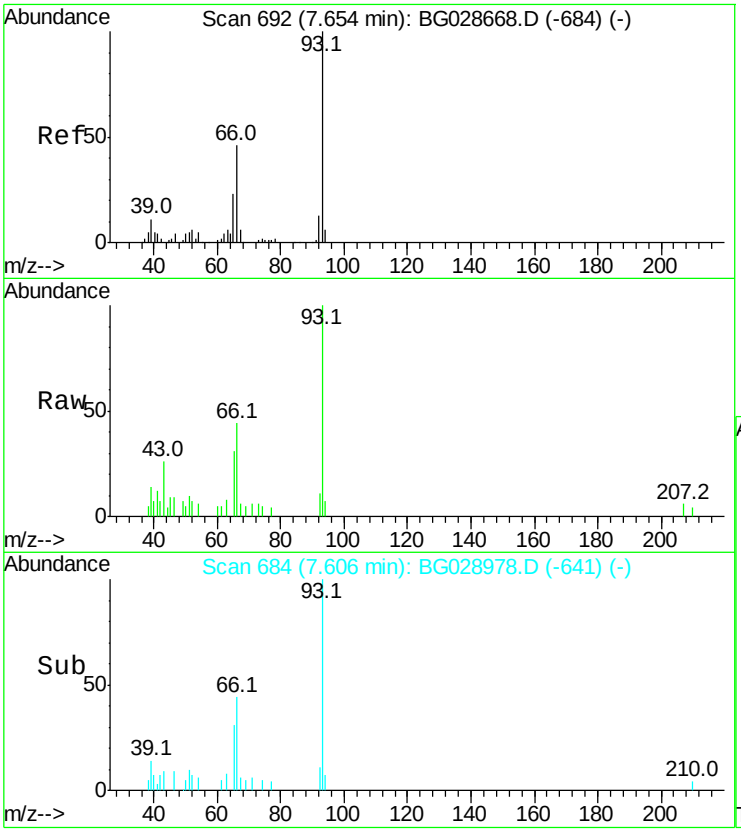


#5
2-Fluorophenol
Concen: 139.998 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:112 Resp: 327628

Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.8	92.6
63	36.3	37.2	55.8#



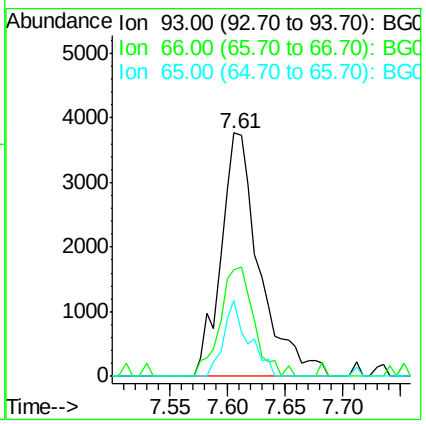


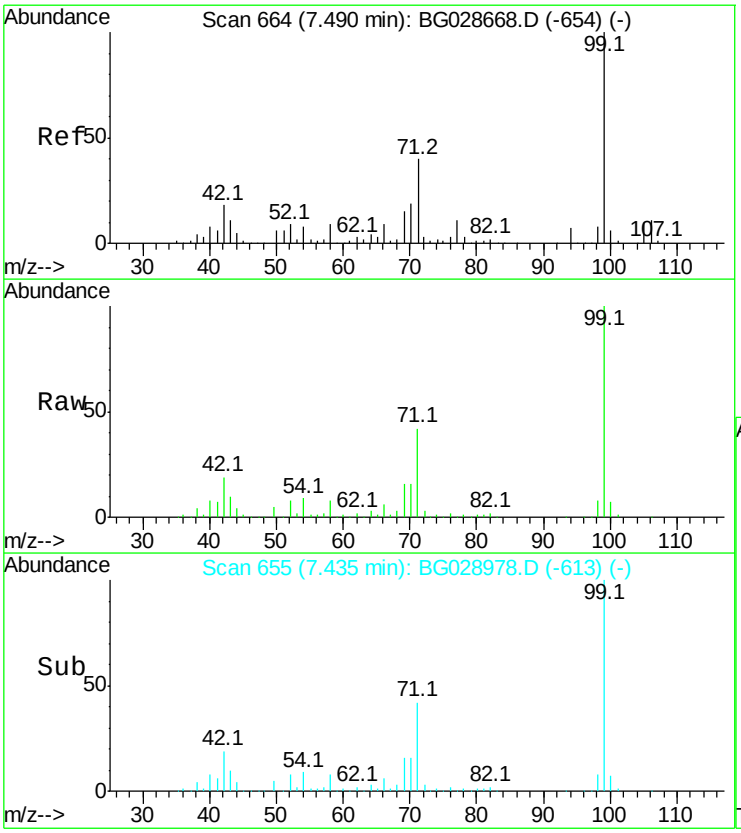
#6
Aniline
Concen: 2.135 ng
RT: 7.61 min Scan# 684
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 8757

Ion	Ratio	Lower	Upper
93	100		
66	43.8	35.4	53.2
65	31.2	21.2	31.8

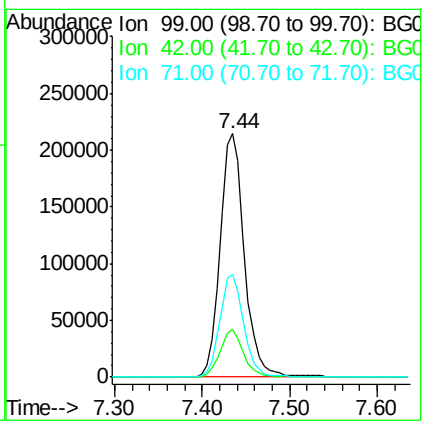


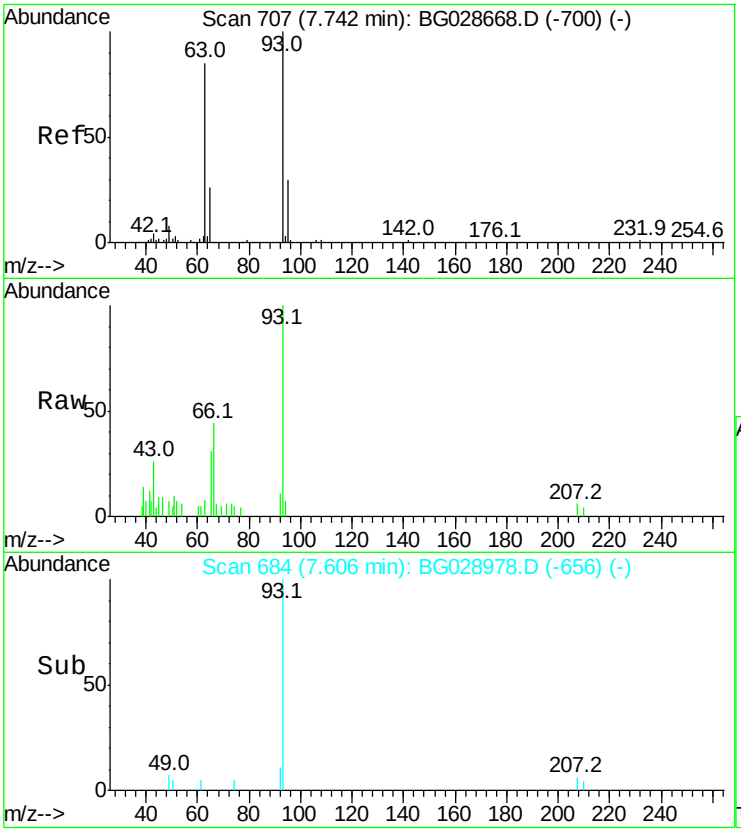


#7
Phenol-d6
Concen: 116.055 ng
RT: 7.44 min Scan# 655
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion: 99 Resp: 408920

Ion	Ratio	Lower	Upper
99	100		
42	19.5	20.5	30.7#
71	42.5	37.6	56.4



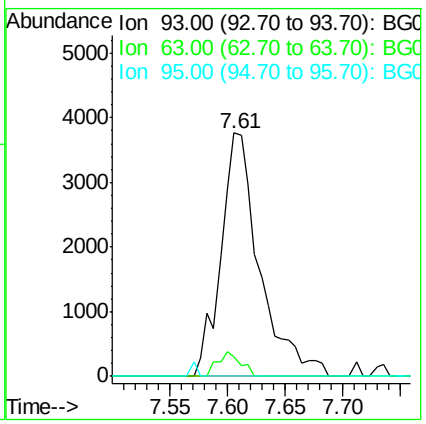


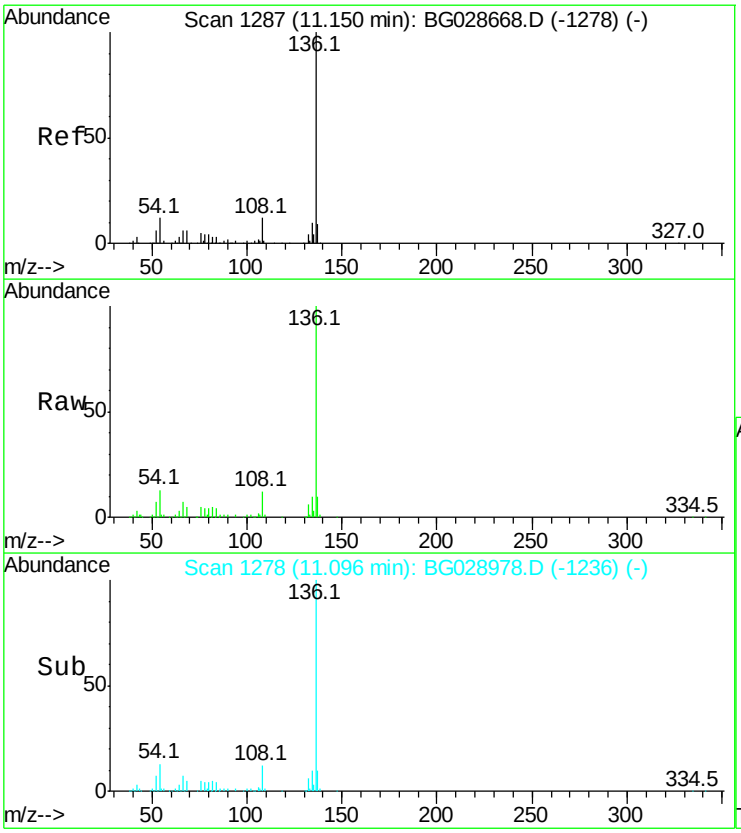
#11
bis(2-Chloroethyl)ether
Concen: 3.280 ng
RT: 7.61 min Scan# 684
Delta R.T. -0.14 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 8757

Ion	Ratio	Lower	Upper
93	100		
63	8.1	78.5	118.5#
95	0.0	9.8	49.8#

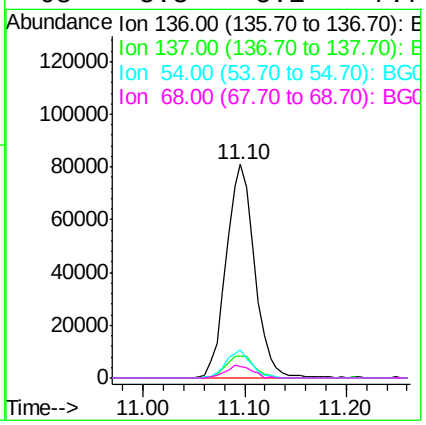


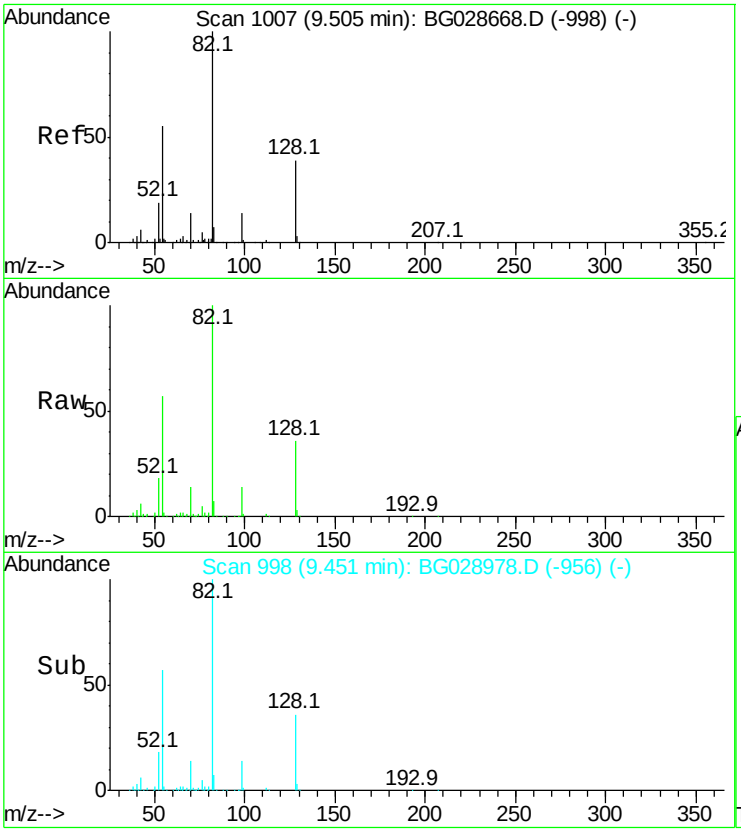


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.10 min Scan# 1278
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:136 Resp: 156976

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	13.2	9.3	13.9
68	5.3	5.1	7.7



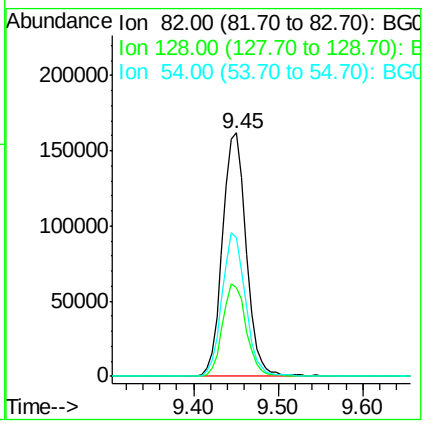


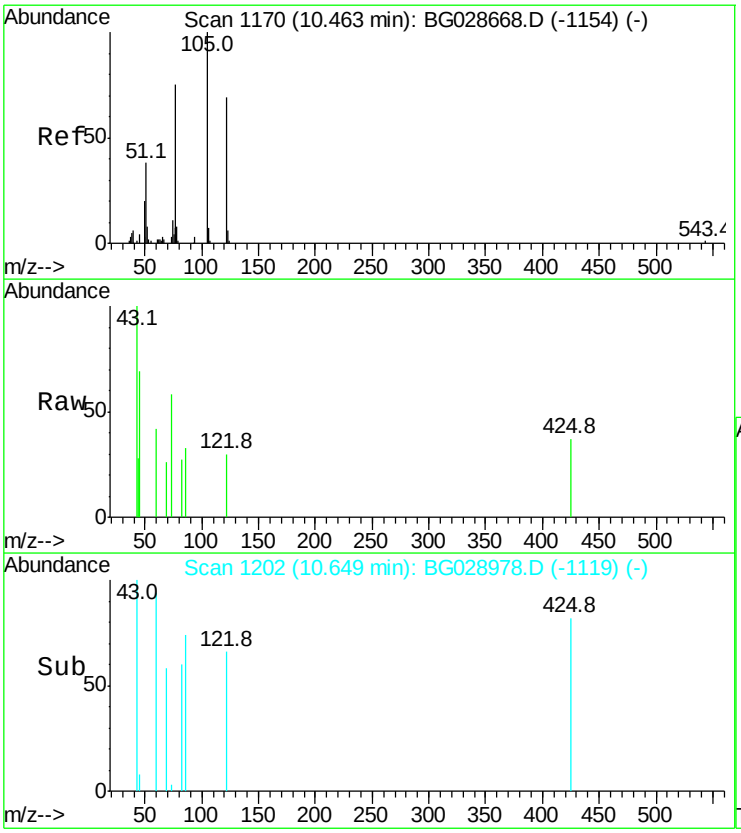
#23
Nitrobenzene-d5
Concen: 95.825 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 314444

Ion	Ratio	Lower	Upper
82	100		
128	36.3	26.4	39.6
54	56.9	49.4	74.2

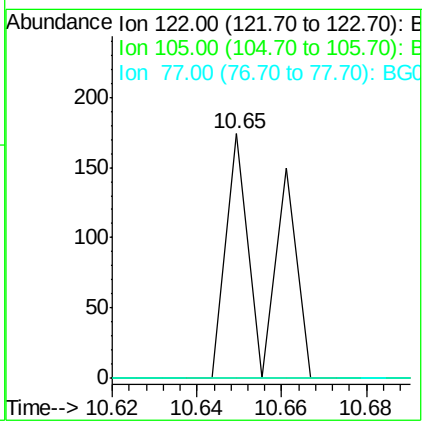


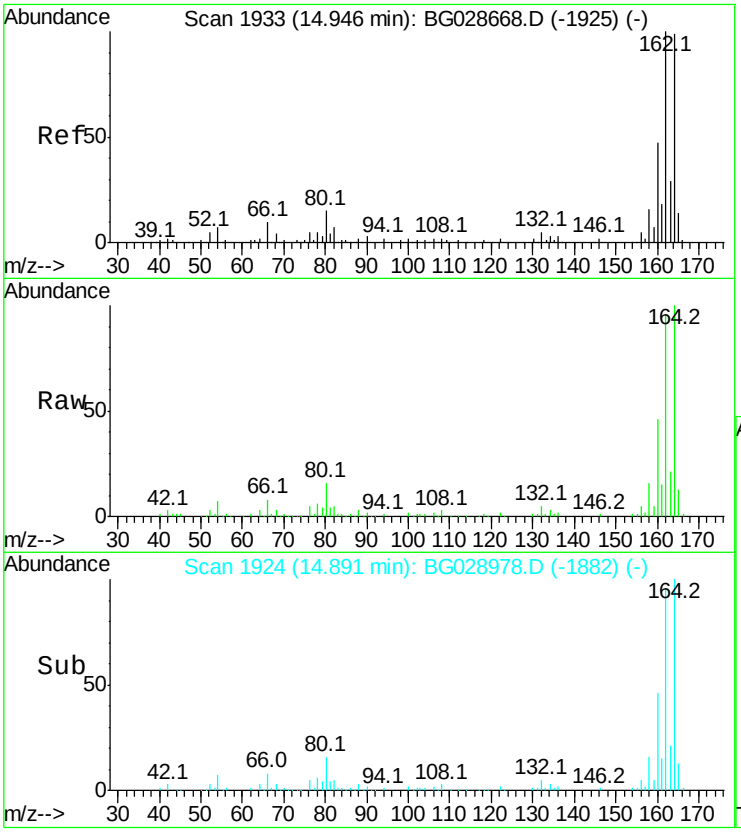


#32
Benzoic acid
Concen: 6.136 ng
RT: 10.65 min Scan# 1202
Delta R.T. 0.19 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



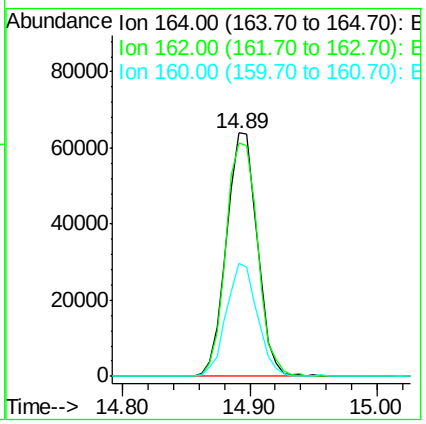


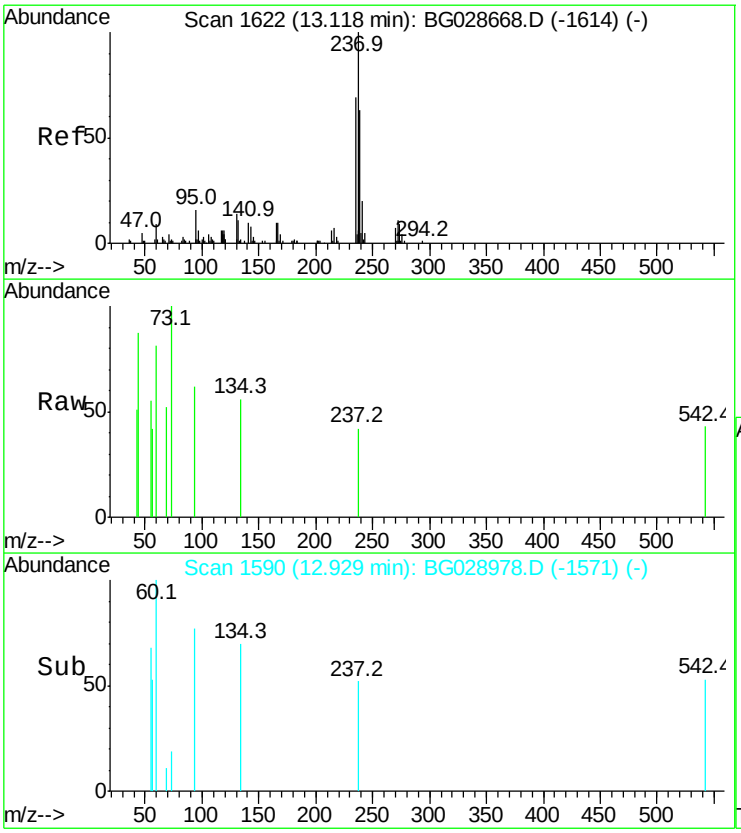
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.89 min Scan# 1924
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 107834

Ion	Ratio	Lower	Upper
164	100		
162	96.0	85.1	127.7
160	46.3	34.7	52.1

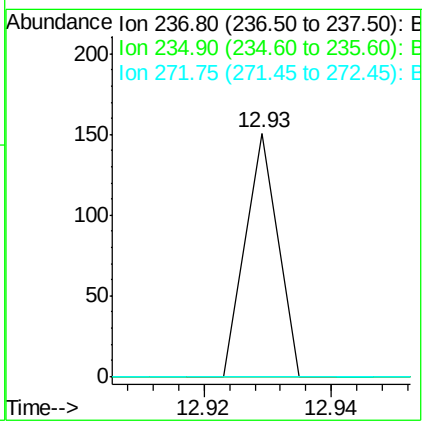


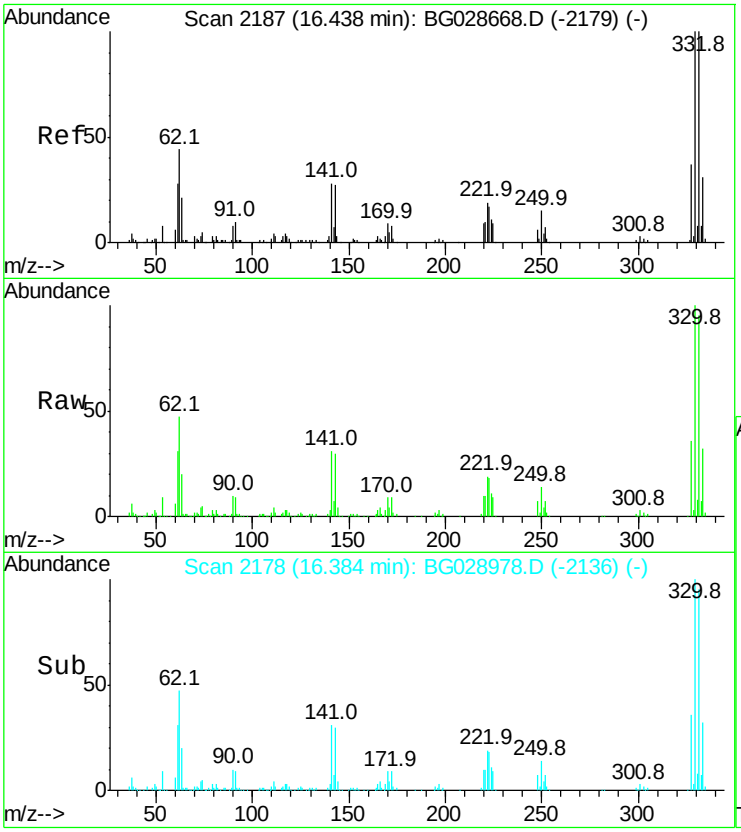


#40
Hexachlorocyclopentadiene
Concen: 7.631 ng
RT: 12.93 min Scan# 1590
Delta R.T. -0.19 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:237 Resp: 53

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



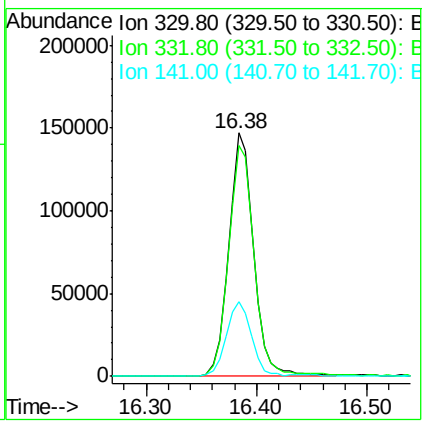


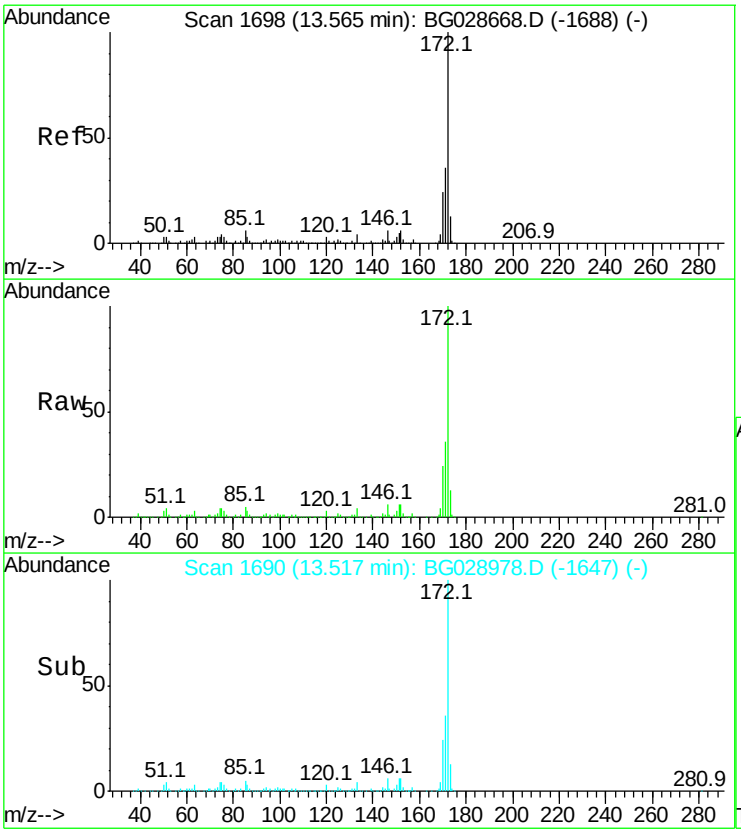
#41
2,4,6-Tribromophenol
Concen: 130.374 ng
RT: 16.38 min Scan# 2178
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 232524

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	31.1	32.1	48.1#

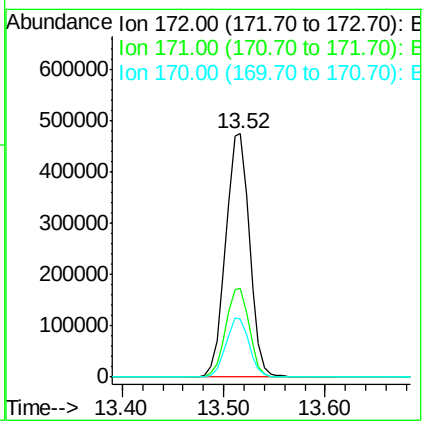


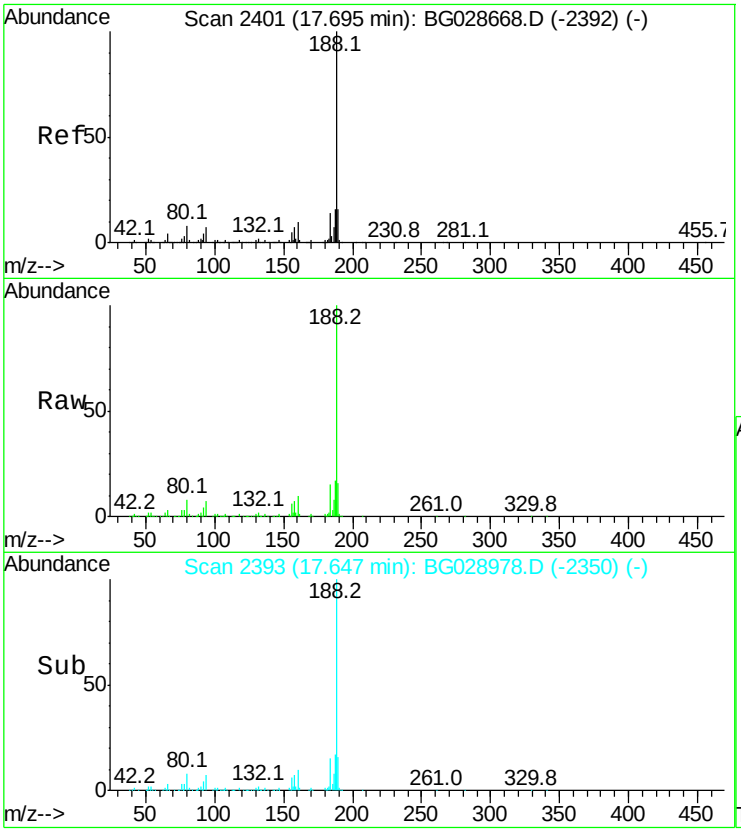


#44
2-Fluorobiphenyl
Concen: 95.710 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:172 Resp: 774010

Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	23.7	21.8	32.6



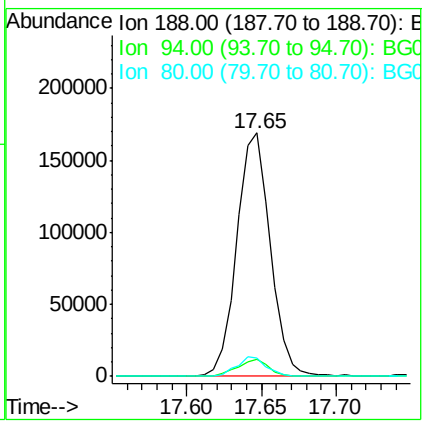


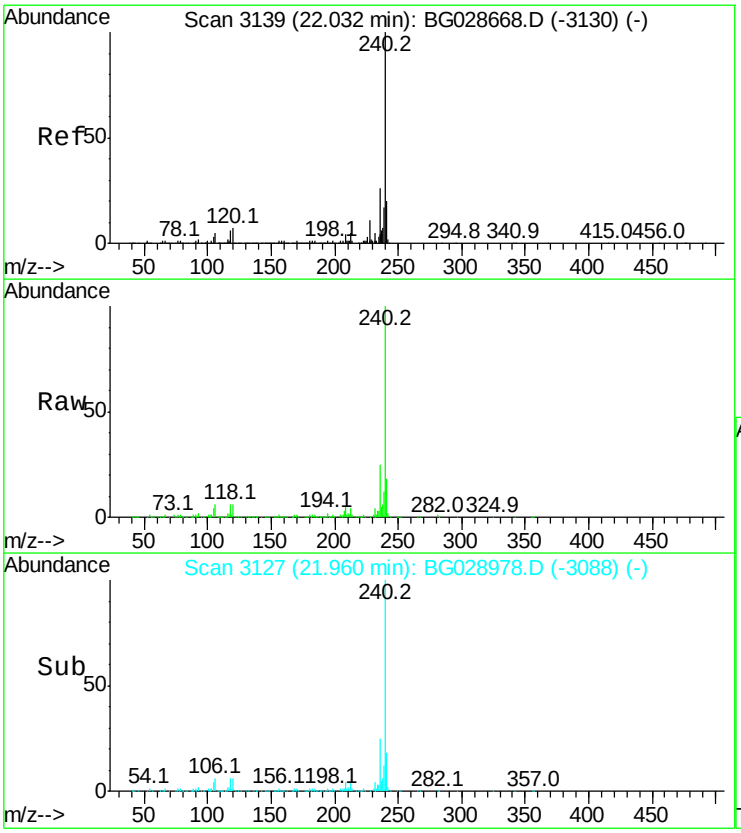
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 262339

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.6	7.5	11.3

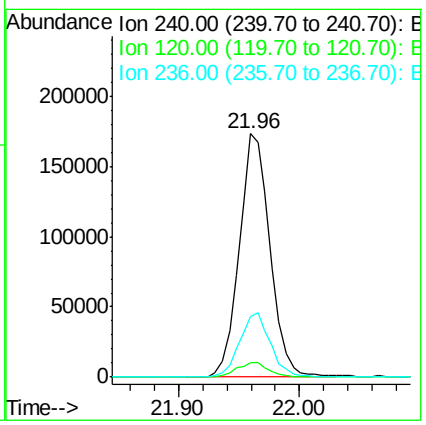


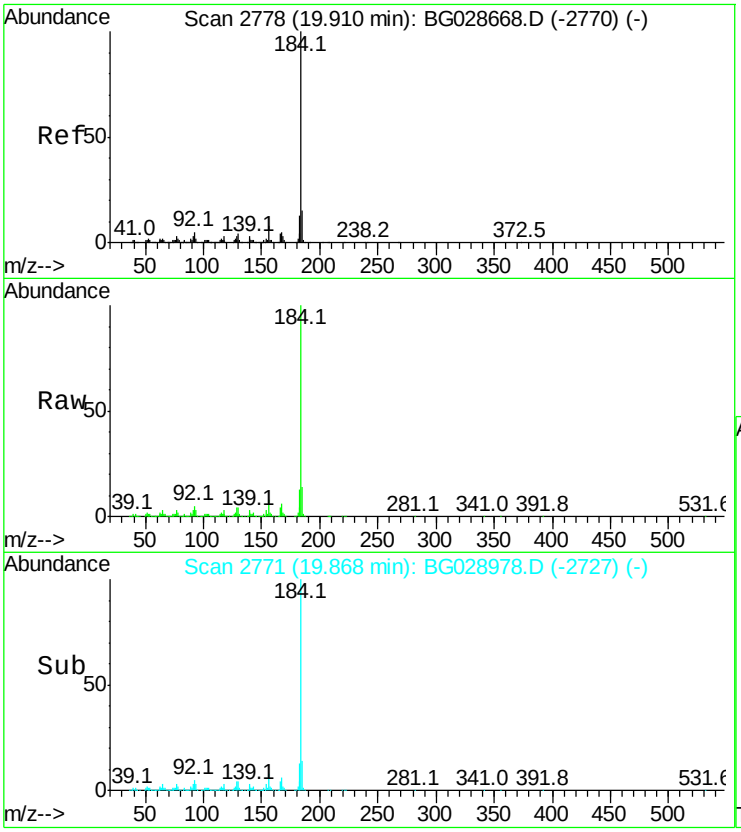


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.96 min Scan# 3127
Delta R.T. -0.07 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:240 Resp: 306763

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5
236	24.7	22.2	33.4



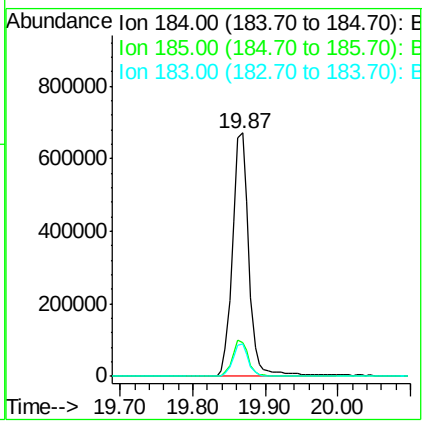


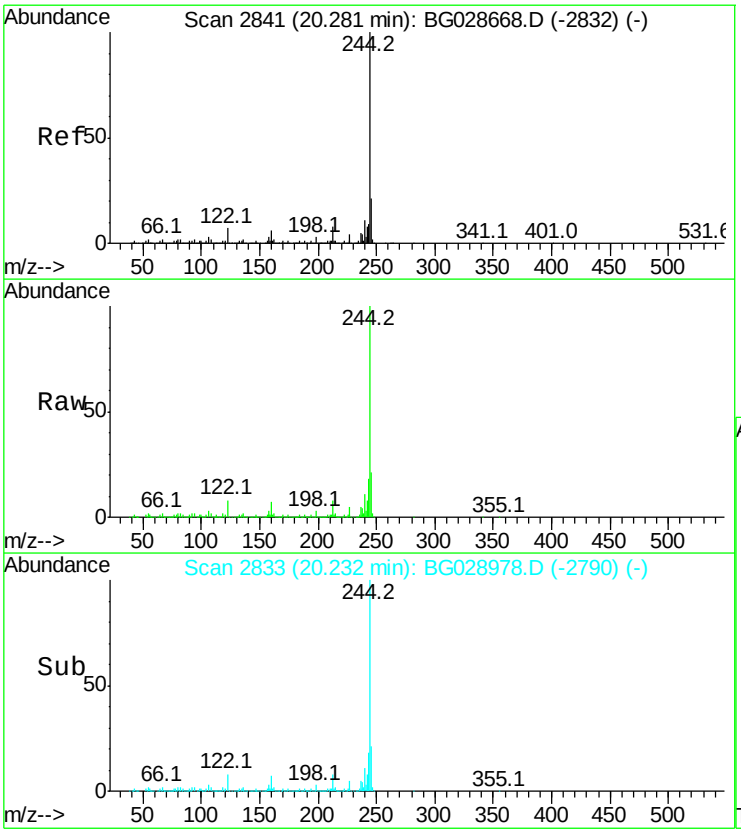
#76
Benzidine
Concen: 133.561 ng
RT: 19.87 min Scan# 2771
Delta R.T. -0.04 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 1062490

Ion	Ratio	Lower	Upper
184	100		
185	14.1	13.0	19.6
183	13.5	11.0	16.6

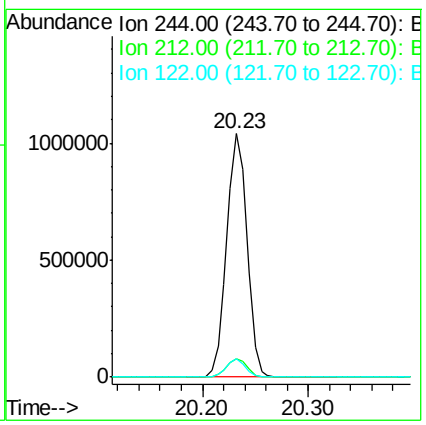


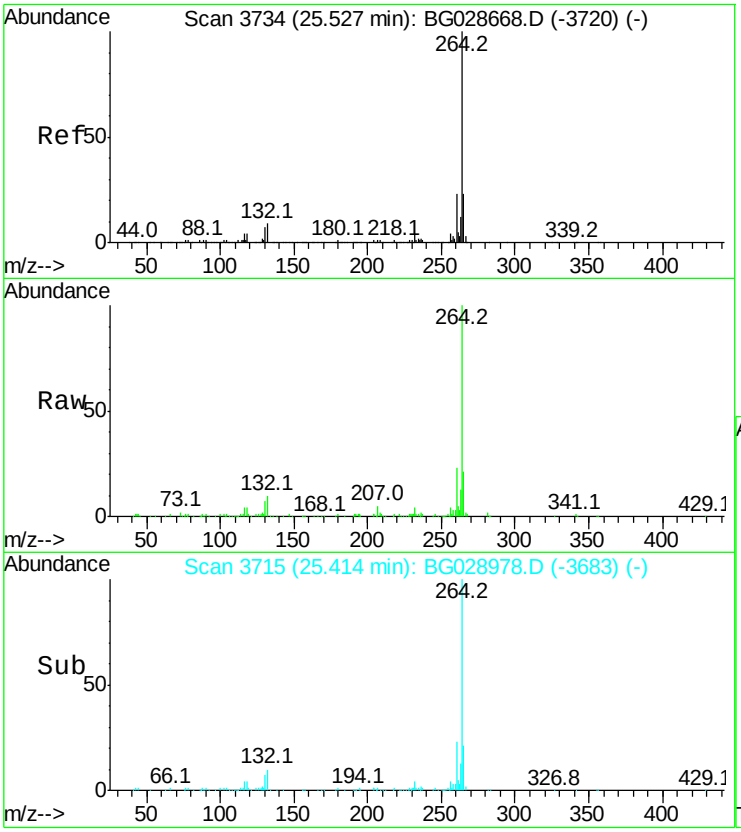


#78
Terphenyl-d14
Concen: 96.110 ng
RT: 20.23 min Scan# 2833
Delta R.T. -0.05 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Tgt Ion:244 Resp: 1382511

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	7.5	8.6	12.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.41 min Scan# 3715
Delta R.T. -0.11 min
Lab File: BG028978.D
Acq: 29 Sep 2017 20:56

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 314537

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	21.4	18.2	27.4