Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028812.D
Acq On : 19 Sep 2017 2:23
Operator : SJ/JU
Sample : I5250-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 19 04:33:07 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	8.29	152	29677	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	119744	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	90293	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	279400	20.00	ng		-0.04
75) Chrysene-d12	21.98	240	327938	20.00	ng		-0.05
86) Perylene-d12	25.46	264	328667	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	205378	114.19	ng		-0.05
7) Phenol-d6	7.44	99	255719	94.43	ng		-0.05
23) Nitrobenzene-d5	9.46	82	192265	76.81	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	203014	135.94	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	521248	76.98	ng		-0.04
78) Terphenyl-d14	20.24	244	1189415	77.35	ng		-0.04
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	8.32	146	13802	6.22	ng		92
14) 1,2-Dichlorobenzene	8.64	146	7931	3.62	ng	#	71
30) 1,2,4-Trichlorobenzene	10.97	180	18206	7.44	ng	#	84
53) 2,4-Dinitrophenol	15.17	184	59	8.06	ng	#	15
76) Benzidine	19.87	184	217480	25.57	ng		98

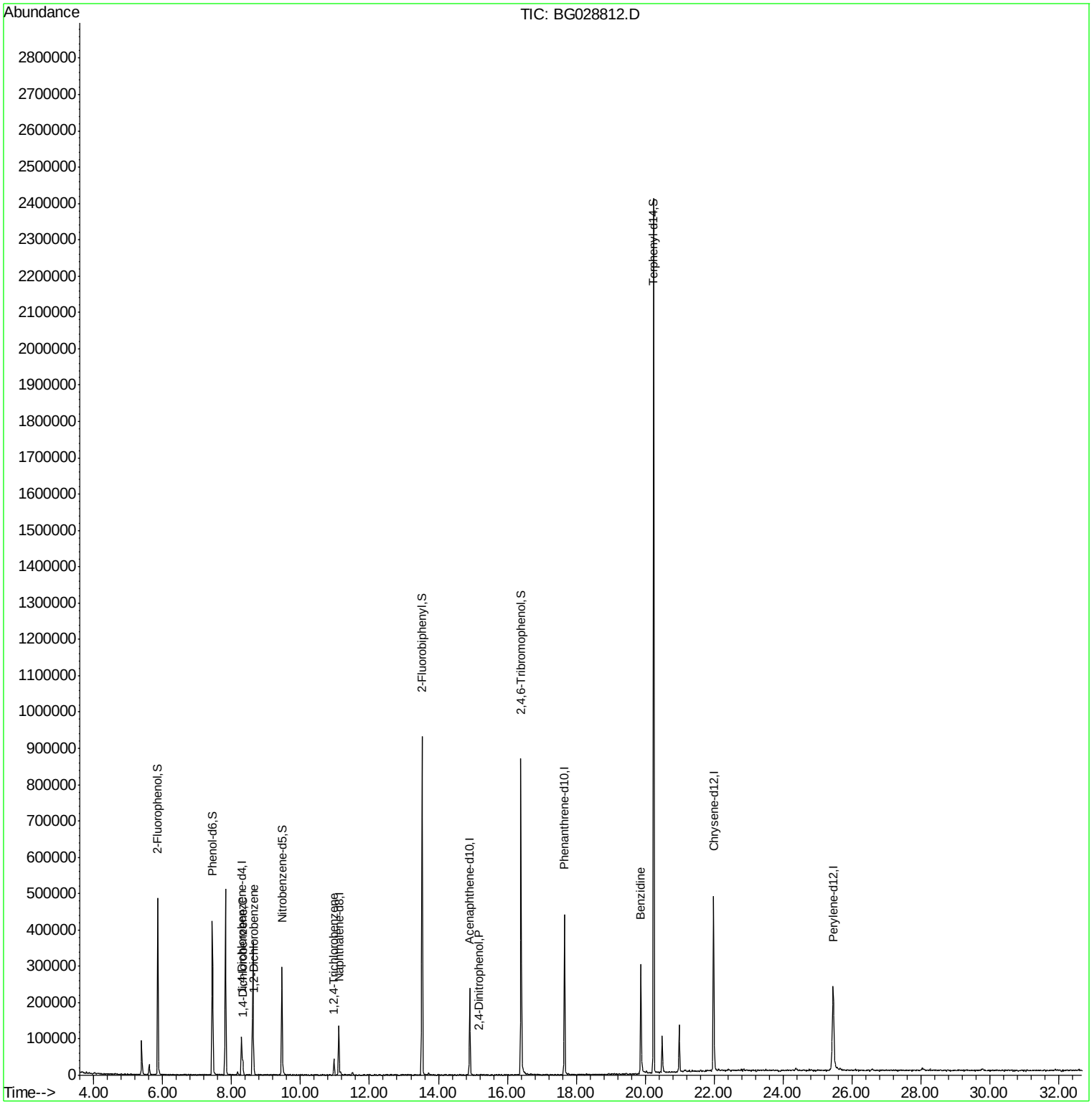
(#) = qualifier out of range (m) = manual integration (+) = signals summed

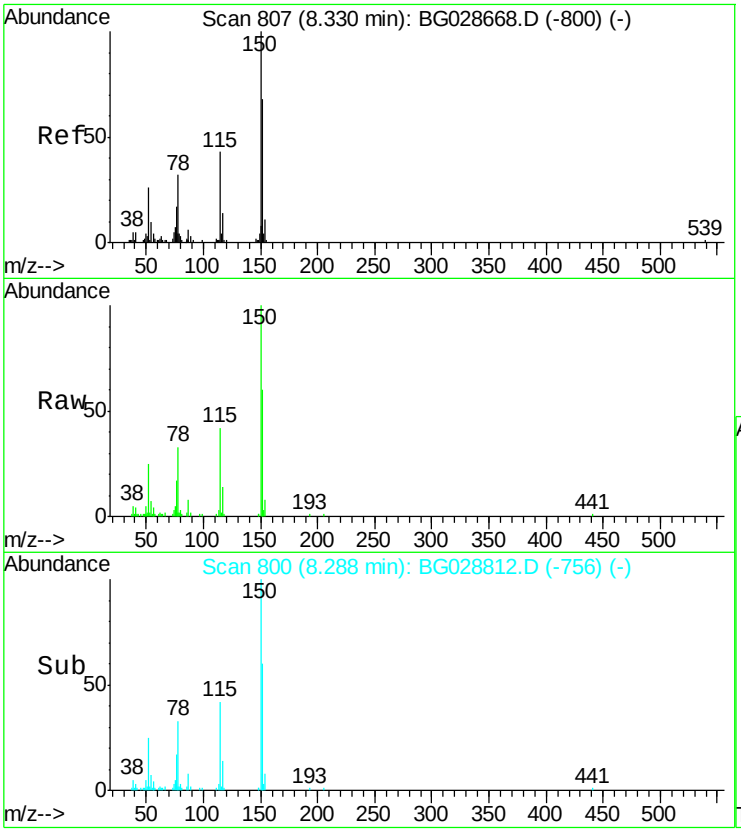
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
Data File : BG028812.D
Acq On : 19 Sep 2017 2:23
Operator : SJ/JU
Sample : I5250-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 04:33:07 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



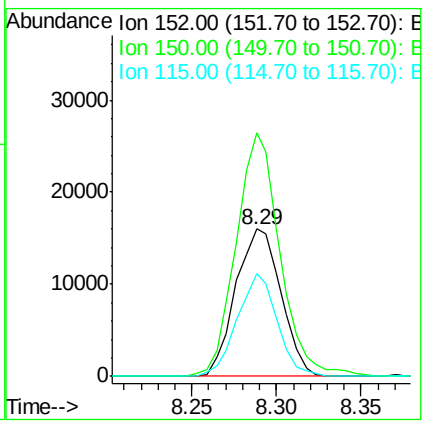


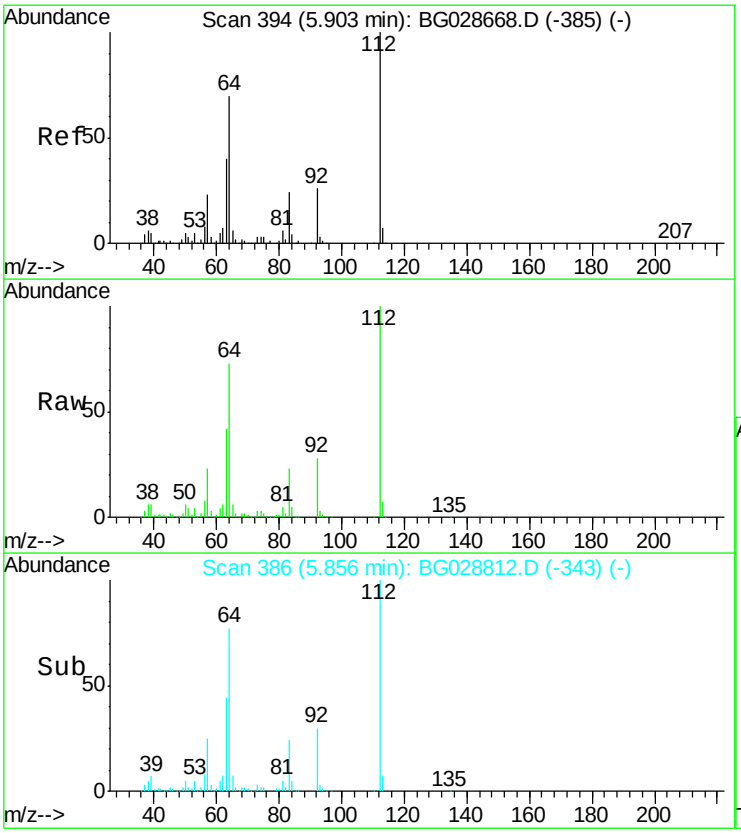
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 29677

Ion	Ratio	Lower	Upper
152	100		
150	165.4	114.0	171.0
115	69.7	48.1	72.1

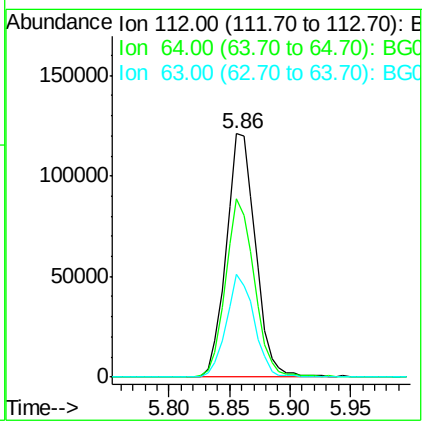


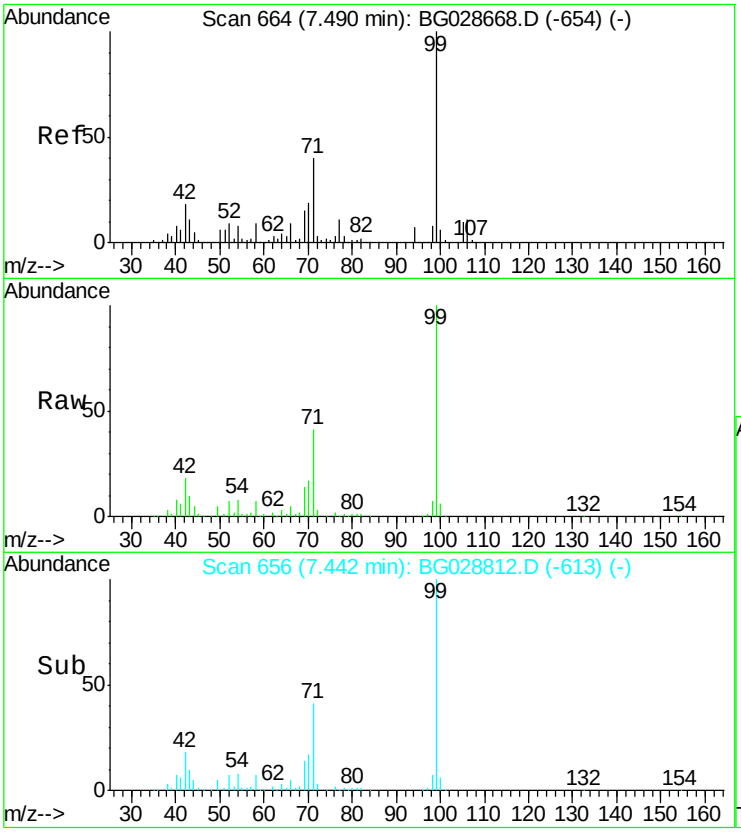


#5
2-Fluorophenol
Concen: 114.19 ng
RT: 5.86 min Scan# 386
Delta R.T. -0.05 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:112 Resp: 205378

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.8	92.6
63	42.3	37.2	55.8



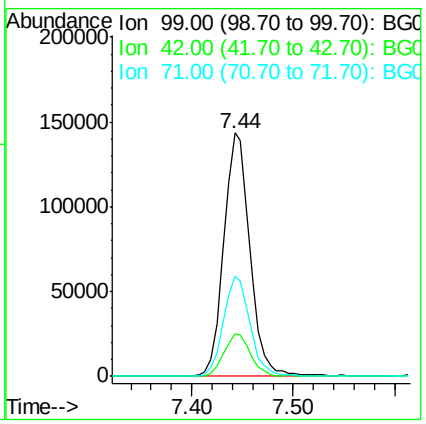


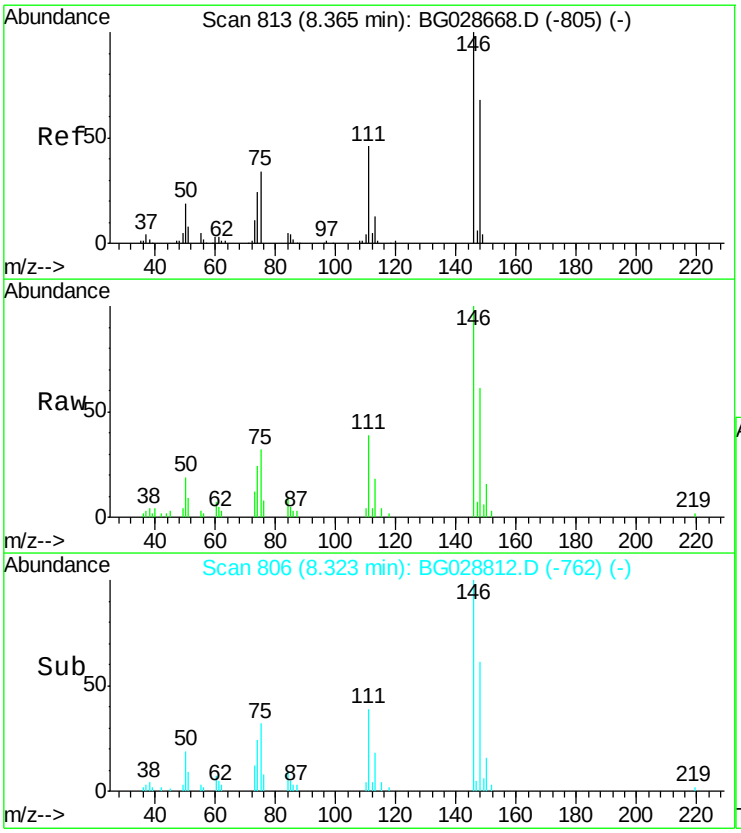
#7
Phenol-d6
Concen: 94.43 ng
RT: 7.44 min Scan# 656
Delta R.T. -0.05 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 255719

Ion	Ratio	Lower	Upper
99	100		
42	17.5	20.5	30.7#
71	41.0	37.6	56.4

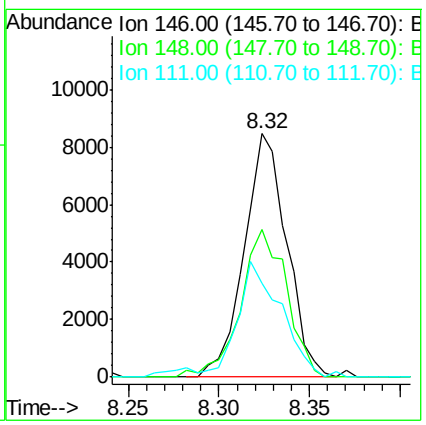


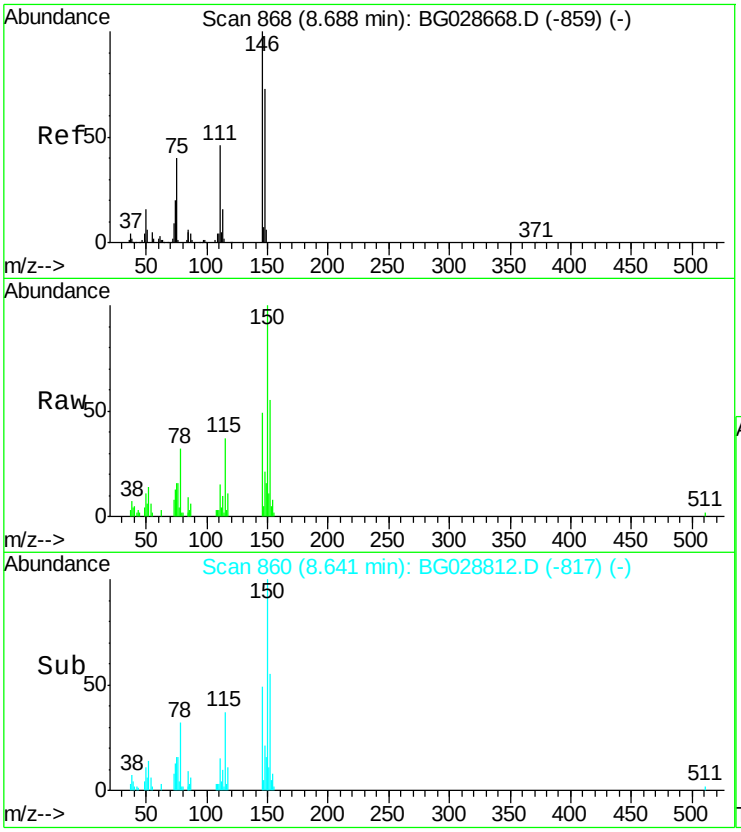


#13
1,4-Dichlorobenzene
Concen: 6.22 ng
RT: 8.32 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:146 Resp: 13802

Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.2	78.2
111	38.8	37.0	55.6



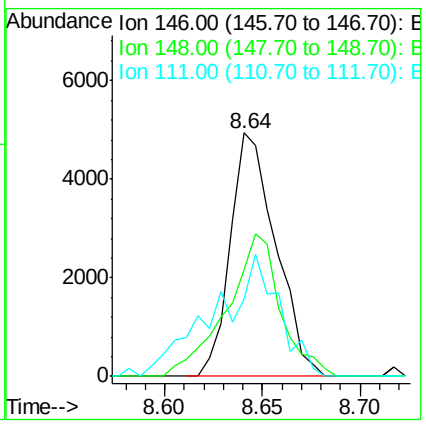


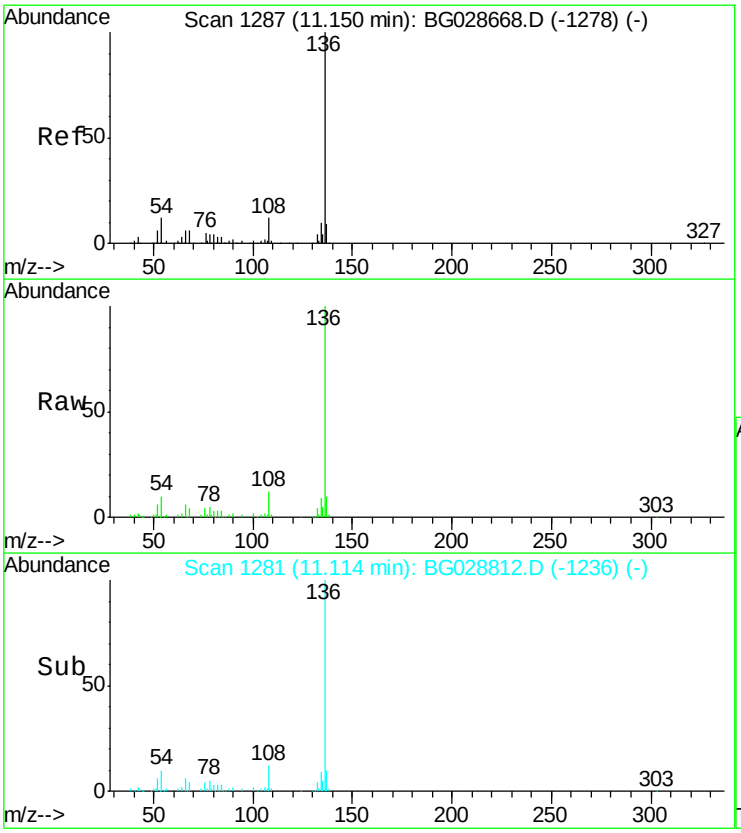
#14
1,2-Dichlorobenzene
Concen: 3.62 ng
RT: 8.64 min Scan# 860
Delta R.T. -0.05 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:146 Resp: 7931

Ion	Ratio	Lower	Upper
146	100		
148	43.6	54.6	81.8#
111	31.7	39.7	59.5#

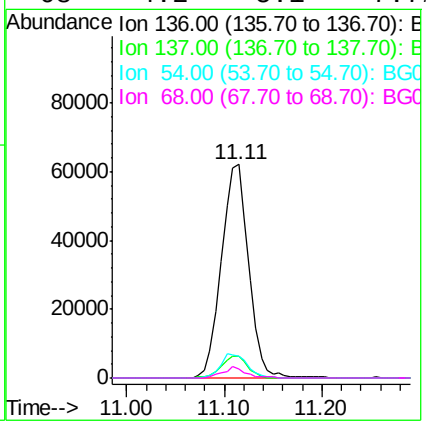


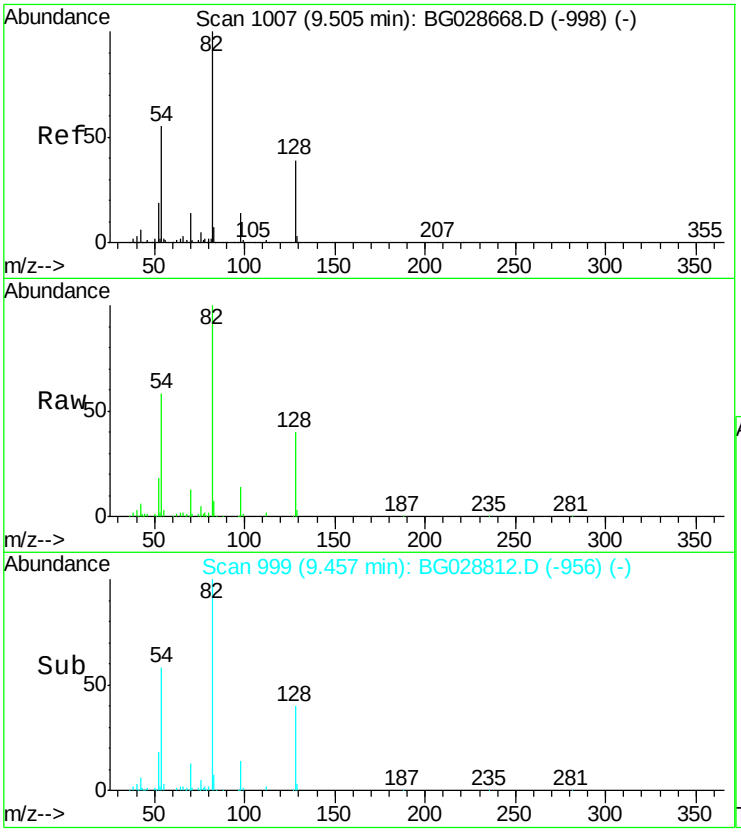


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1281
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:136 Resp: 119744

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	10.3	9.3	13.9
68	4.2	5.1	7.7#



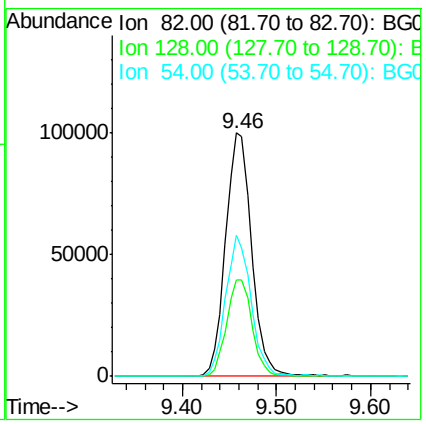


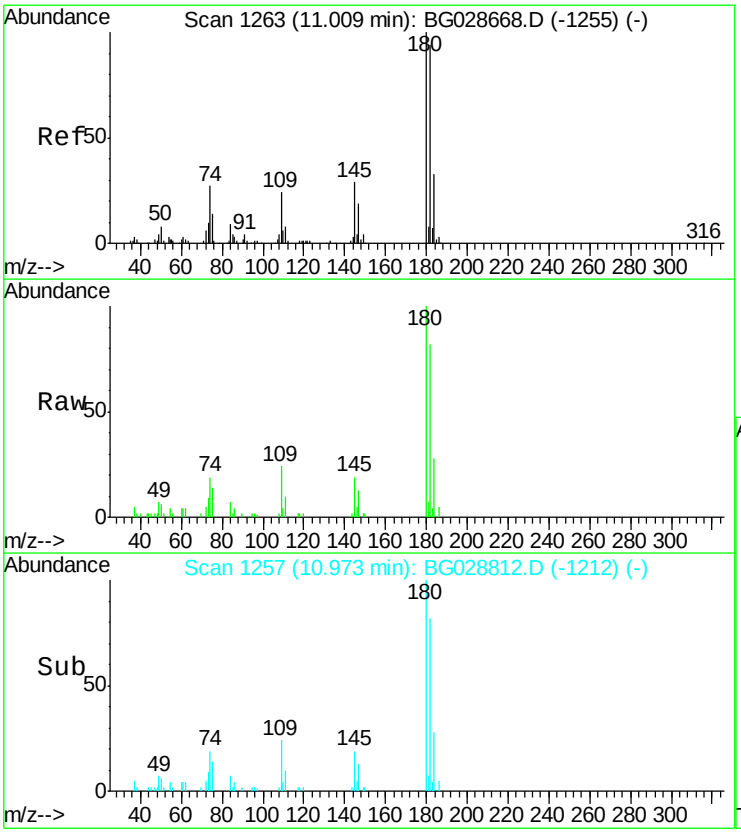
#23
Nitrobenzene-d5
Concen: 76.81 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 192265

Ion	Ratio	Lower	Upper
82	100		
128	39.7	26.4	39.6#
54	57.9	49.4	74.2

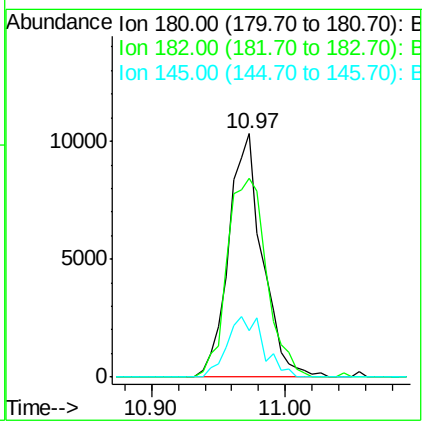


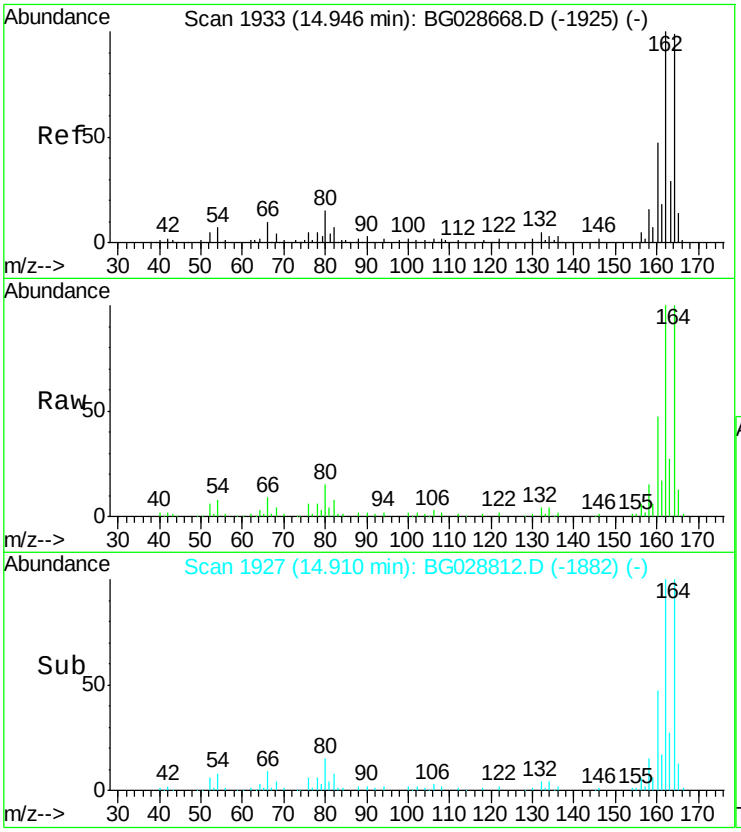


#30
1,2,4-Trichlorobenzene
Concen: 7.44 ng
RT: 10.97 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:180 Resp: 18206

Ion	Ratio	Lower	Upper
180	100		
182	81.6	77.0	115.4
145	19.1	23.4	35.0#



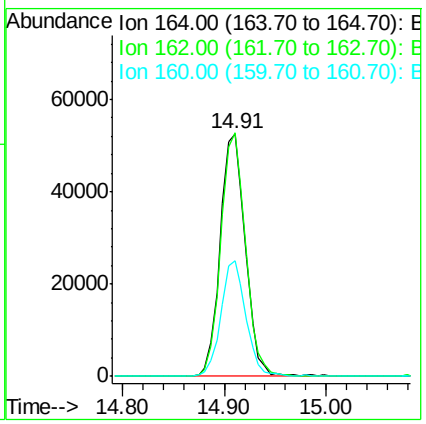


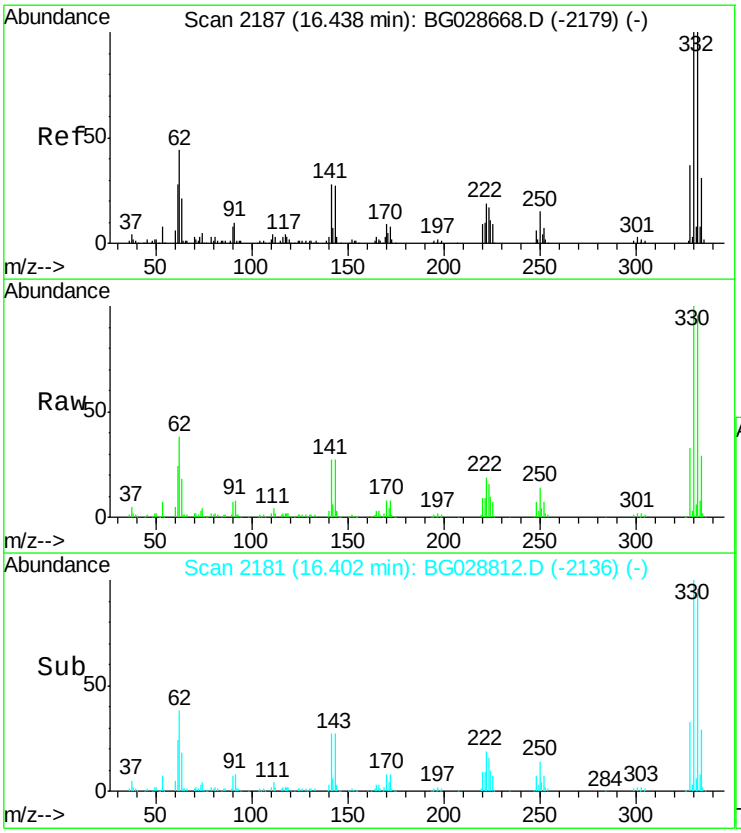
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.91 min Scan# 1927
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 90293

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	47.6	34.7	52.1

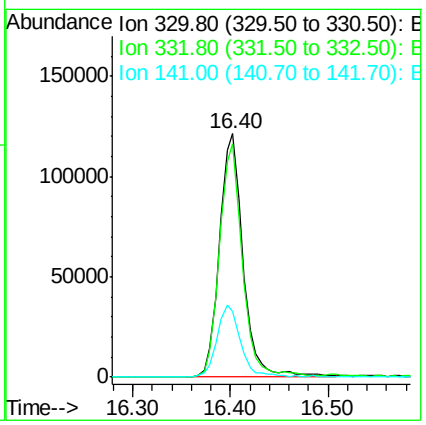


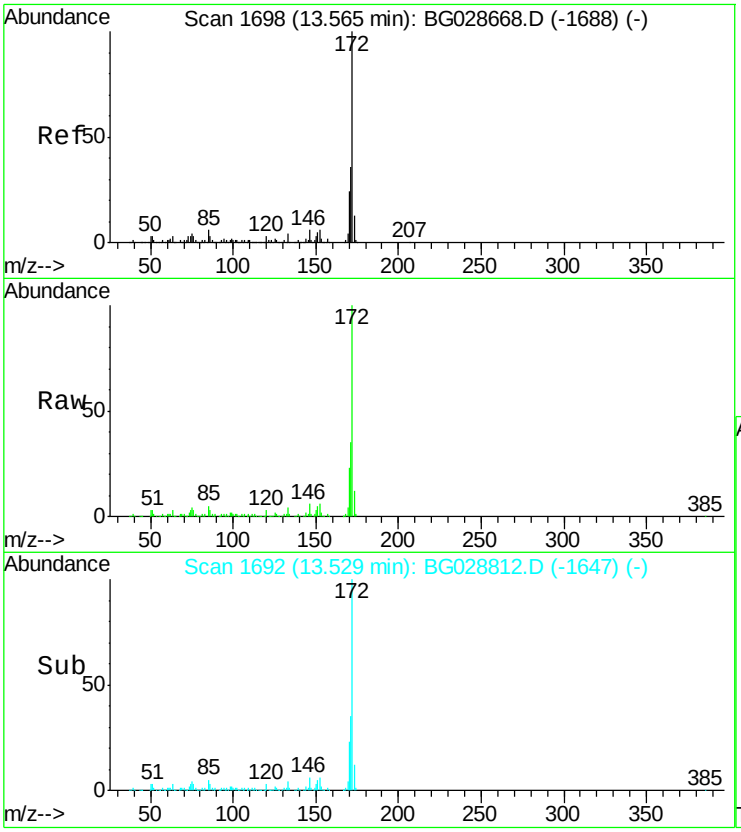


#41
2,4,6-Tribromophenol
Concen: 135.94 ng
RT: 16.40 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:330 Resp: 203014

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.3	115.9
141	29.6	32.1	48.1#



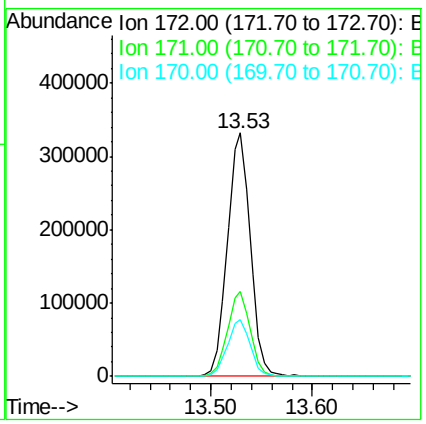


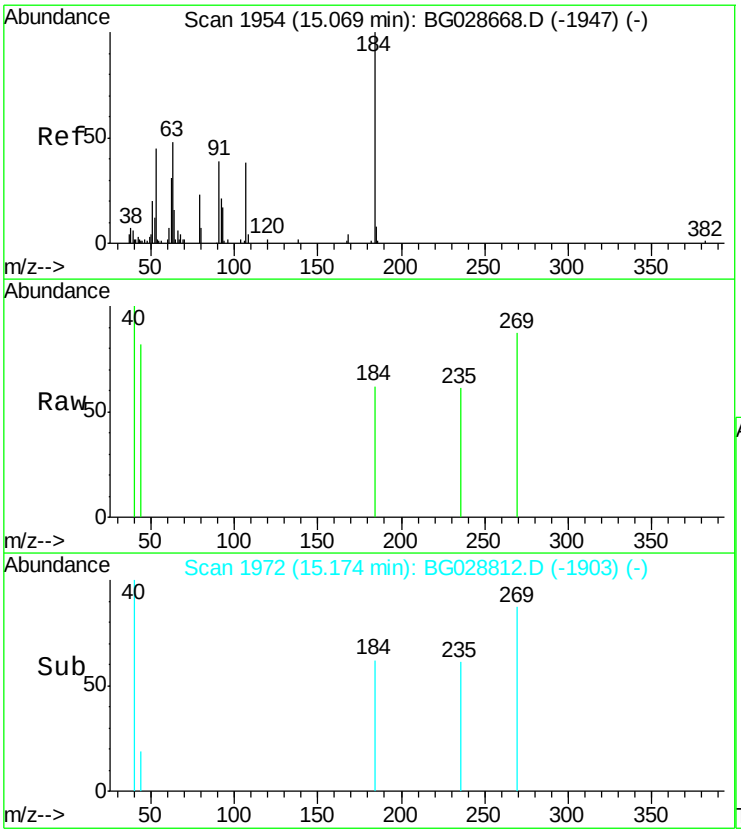
#44
2-Fluorobiphenyl
Concen: 76.98 ng
RT: 13.53 min Scan# 1692
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 521248

Ion	Ratio	Lower	Upper
172	100		
171	34.9	32.2	48.2
170	23.3	21.8	32.6

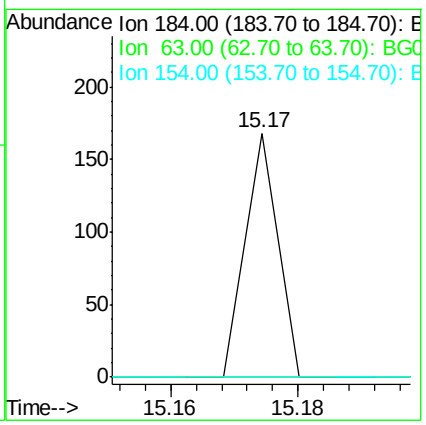


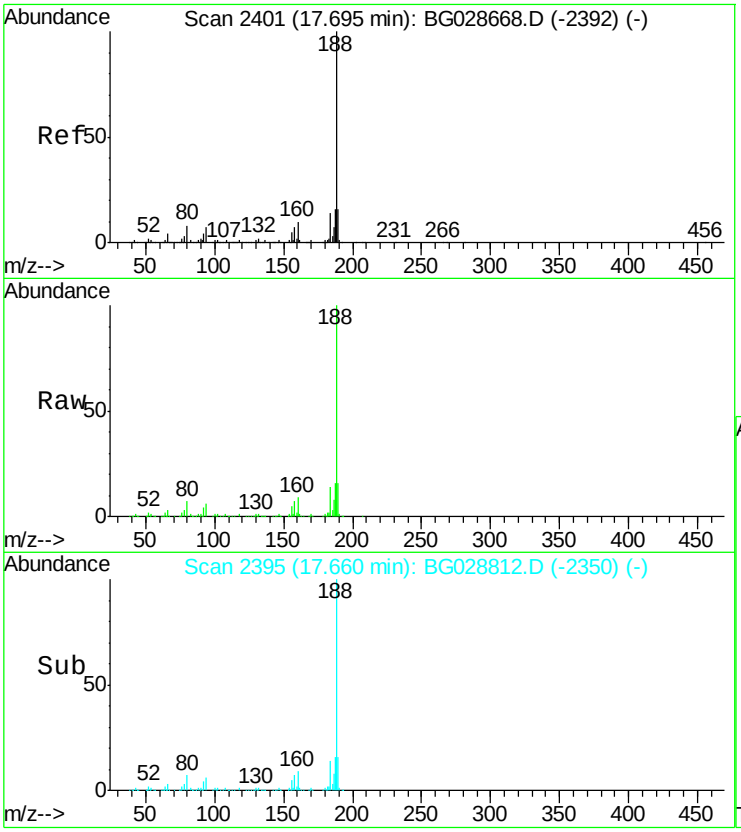


#53
2,4-Dinitrophenol
Concen: 8.06 ng
RT: 15.17 min Scan# 1972
Delta R.T. 0.11 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	52.7	79.1#
154	0.0	57.3	85.9#



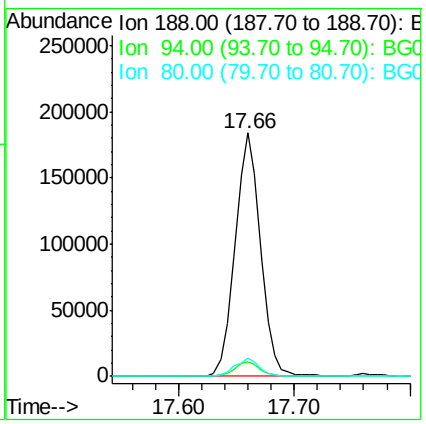


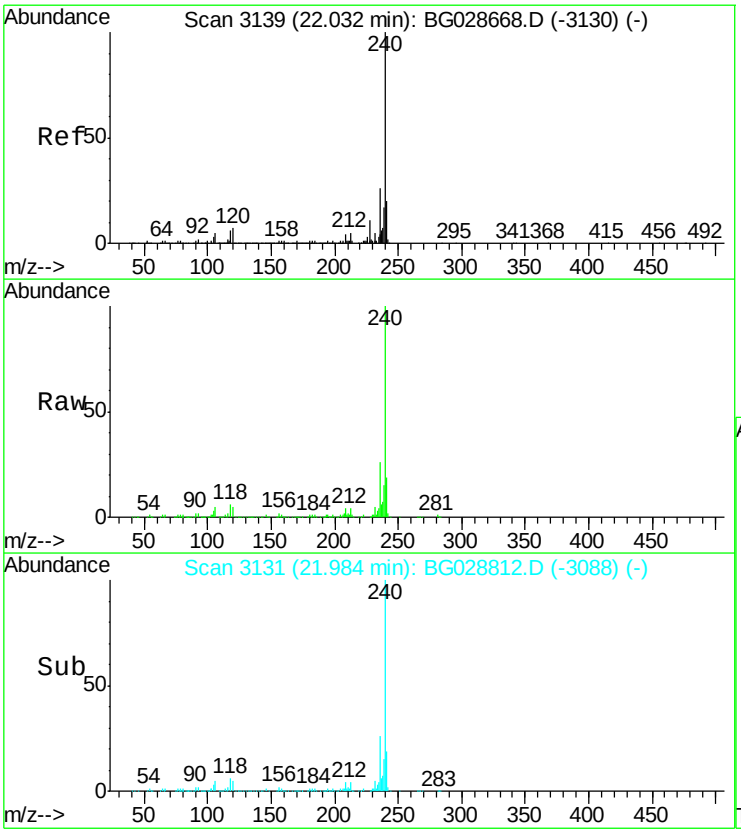
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 279400

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.8	8.8
80	7.5	7.5	11.3#

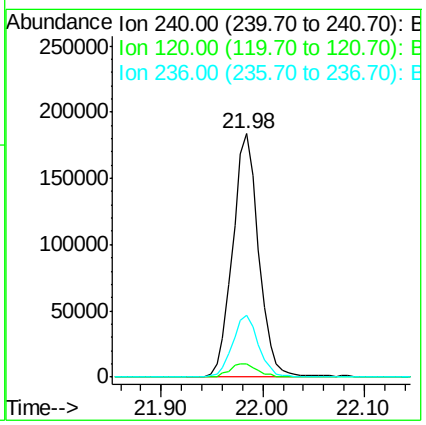


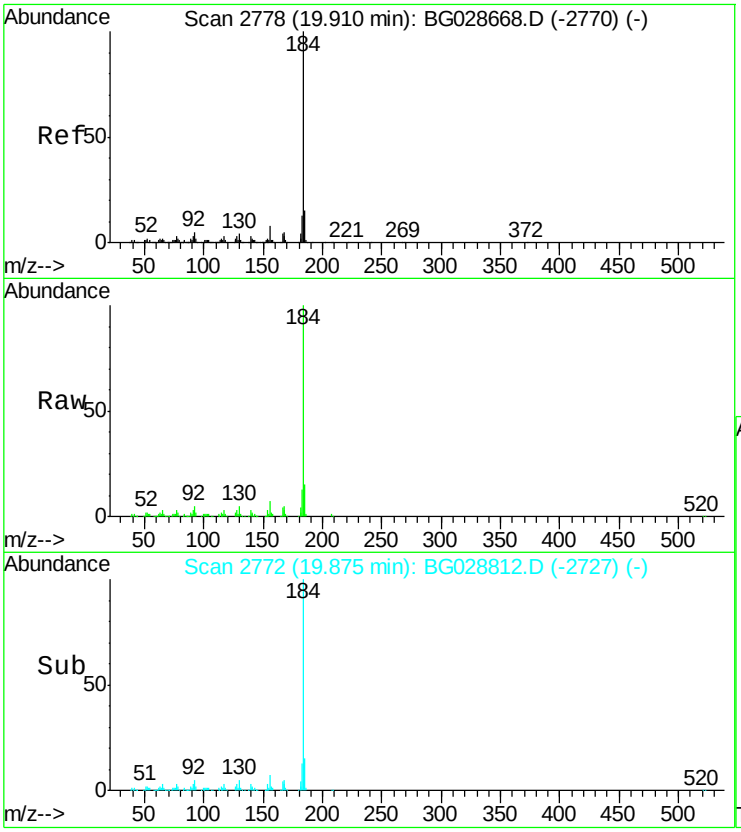


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.98 min Scan# 3131
Delta R.T. -0.05 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:240 Resp: 327938

Ion	Ratio	Lower	Upper
240	100		
120	5.4	5.7	8.5#
236	25.5	22.2	33.4



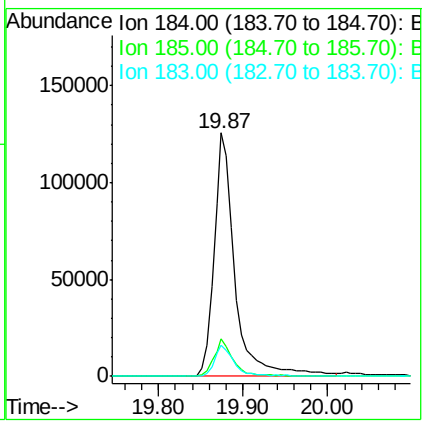


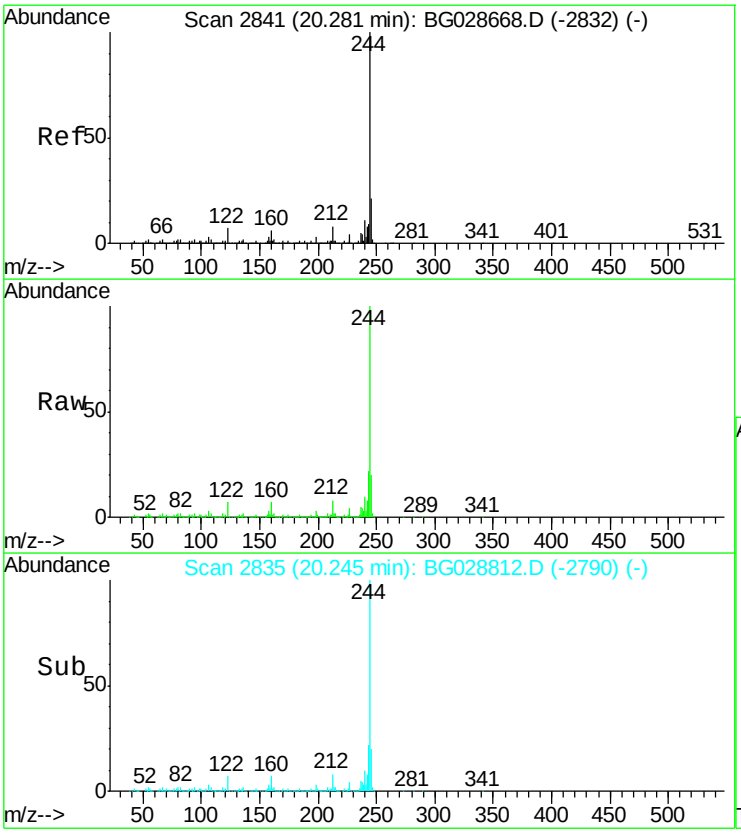
#76
Benzidine
Concen: 25.57 ng
RT: 19.87 min Scan# 2772
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 217480

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.0	19.6
183	12.9	11.0	16.6

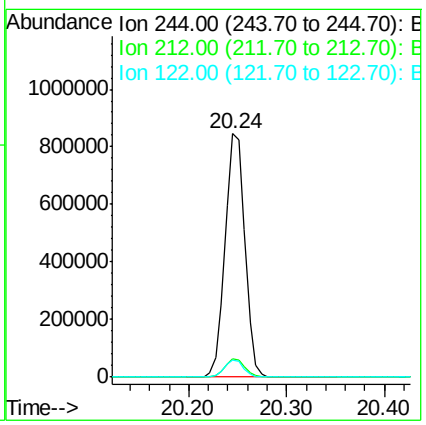


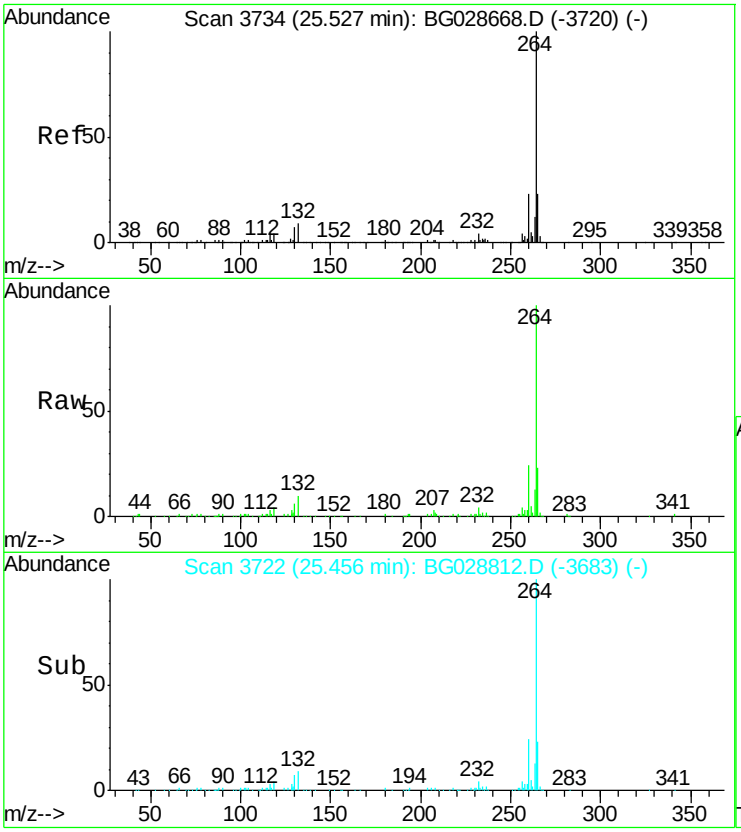


#78
Terphenyl-d14
Concen: 77.35 ng
RT: 20.24 min Scan# 2835
Delta R.T. -0.04 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Tgt Ion:244 Resp: 1189415

Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	7.1	8.6	12.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.46 min Scan# 3722
Delta R.T. -0.07 min
Lab File: BG028812.D
Acq: 19 Sep 2017 2:23

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 328667

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	23.0	18.2	27.4