Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096335.D
Acq On : 30 Jun 2017 14:16
Operator : SJ/MA
Sample : I3883-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G53-0-1.5

Quant Time: Jun 30 17:43:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	163950	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	671481	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	254707	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	365954	20.00	ng		0.00
75) Chrysene-d12	13.92	240	309570	20.00	ng		0.00
86) Perylene-d12	15.34	264	217695	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	170336	14.97	ng		0.00
7) Phenol-d6	6.39	99	243634	17.68	ng		0.00
23) Nitrobenzene-d5	7.32	82	128520	13.25	ng		-0.04
41) 2,4,6-Tribromophenol	10.59	330	5765	2.88	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	239673	17.23	ng		-0.02
78) Terphenyl-d14	12.87	244	159151	12.83	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	647	Below Cal		#	59
25) Isophorone	7.32	82	128518	5.834	ng	#	67
32) Benzoic acid	7.75	122	2325	9.056	ng	#	85
49) Dimethylphthalate	9.52	163	39926	2.190	ng		98
50) 2,6-Dinitrotoluene	9.80	165	33710	8.891	ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	33710	7.054	ng	#	33
57) Fluorene	10.35	166	3912	Below Cal		#	94
70) Phenanthrene	11.31	178	52294	Below Cal			99
74) Fluoranthene	12.50	202	99525	4.896	ng		96
77) Pyrene	12.72	202	91928	3.613	ng		99
87) Benzo(b)fluoranthene	14.94	252	46726	3.267	ng	#	68
88) Benzo(k)fluoranthene	14.94	252	46726	3.579	ng	#	71

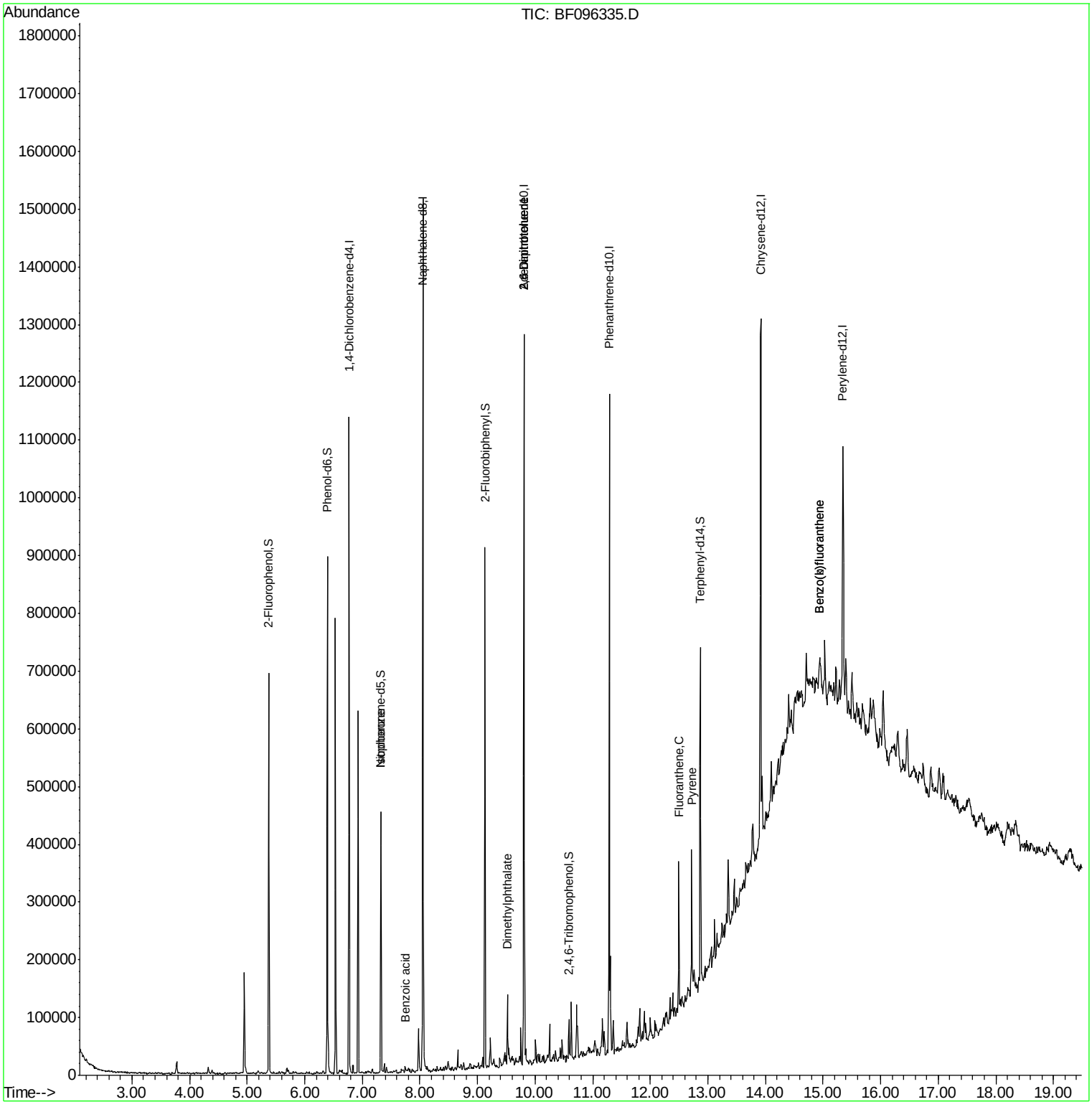
(#) = qualifier out of range (m) = manual integration (+) = signals summed

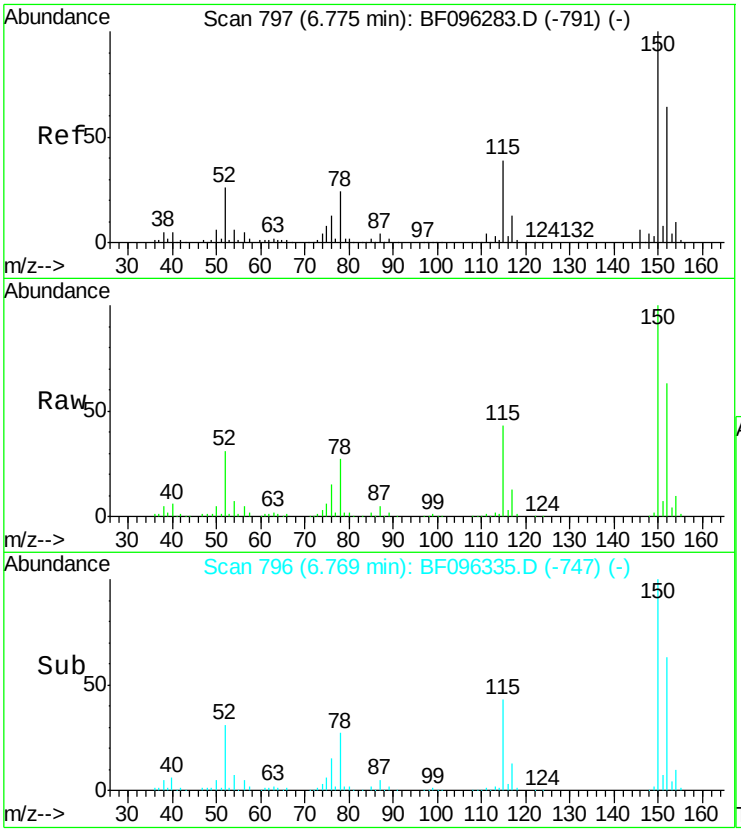
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096335.D
Acq On : 30 Jun 2017 14:16
Operator : SJ/MA
Sample : I3883-11 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Quant Time: Jun 30 17:43:06 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration



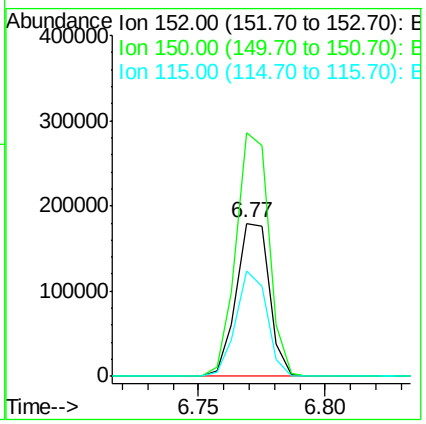


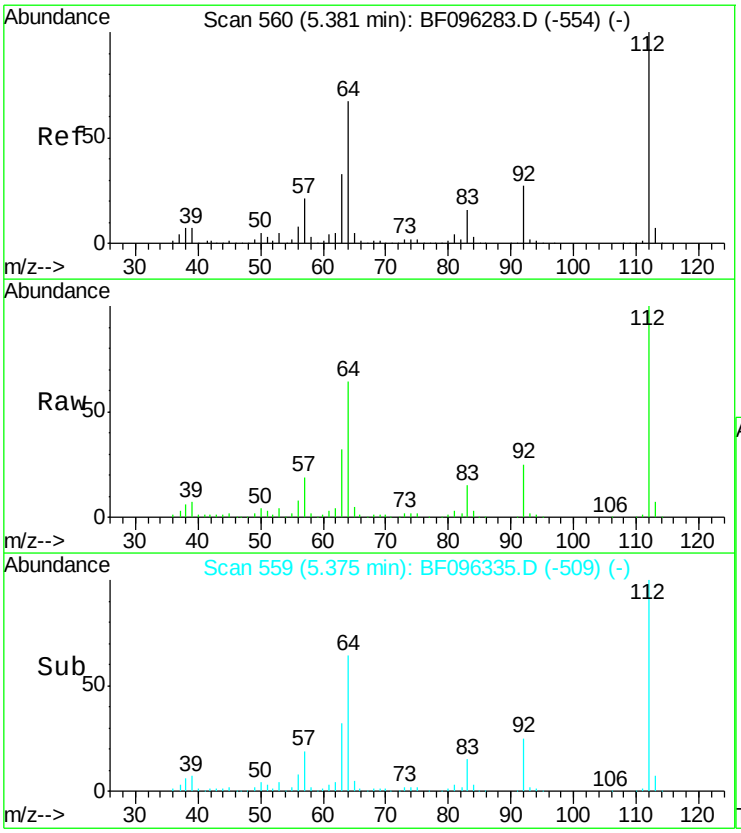
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:152 Resp: 163950

Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	68.9	52.2	78.2

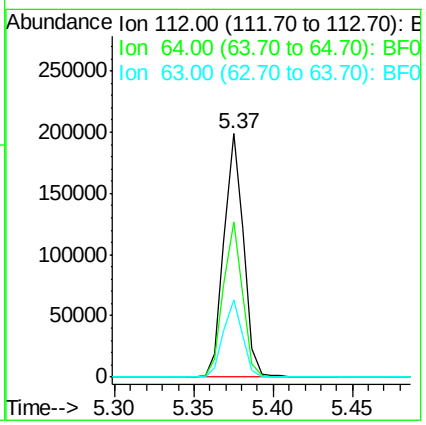


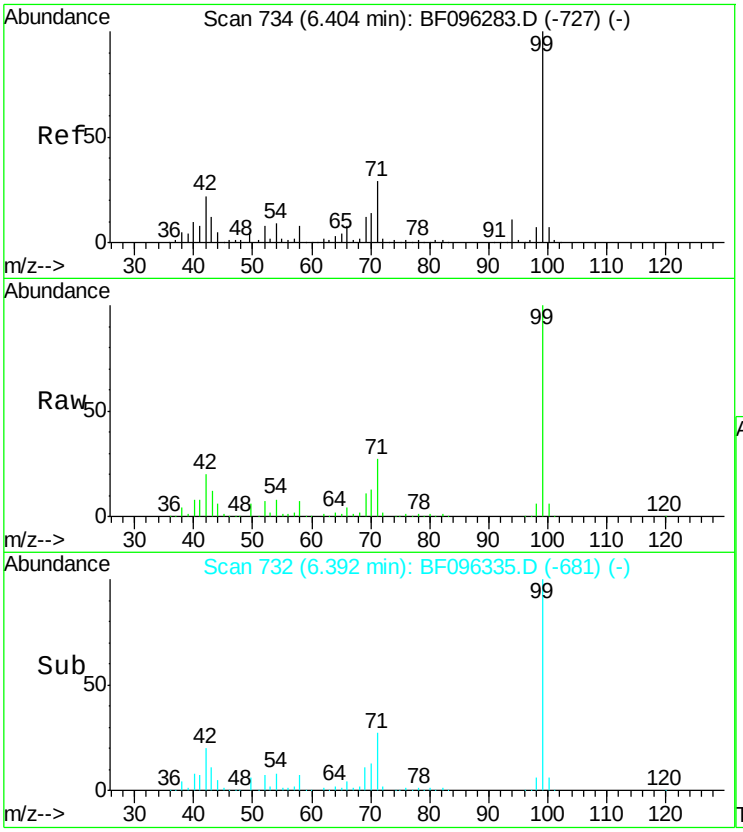


#5
2-Fluorophenol
Concen: 14.968 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:112 Resp: 170336

Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	31.7	23.4	35.0



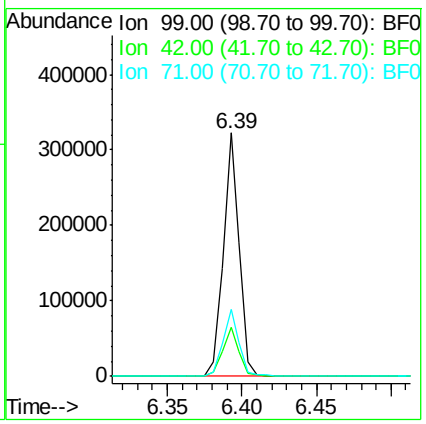


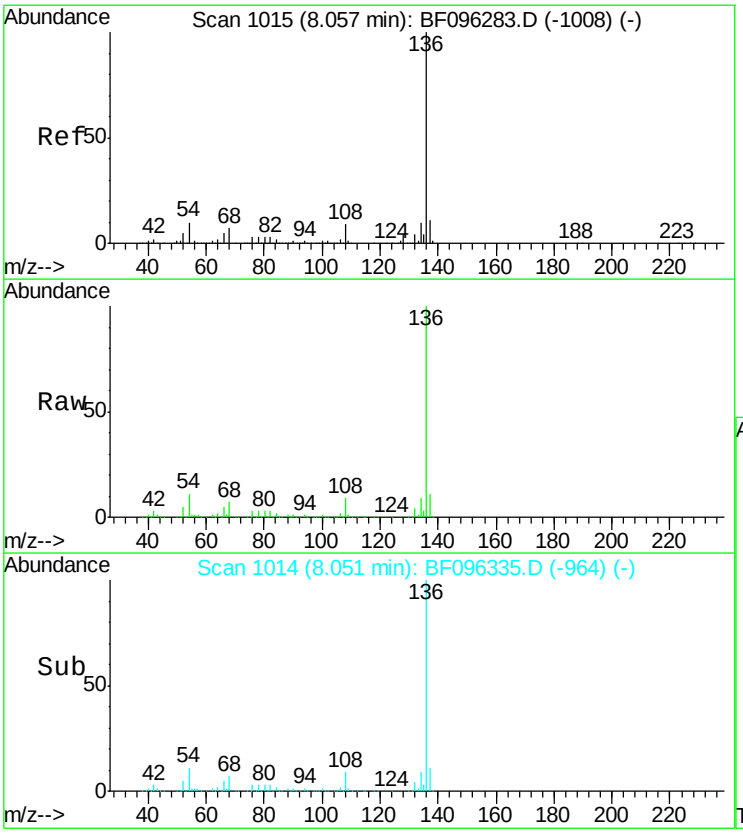
#7
Phenol-d6
Concen: 17.681 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion: 99 Resp: 243634

Ion	Ratio	Lower	Upper
99	100		
42	20.2	13.5	20.3
71	27.4	24.5	36.7

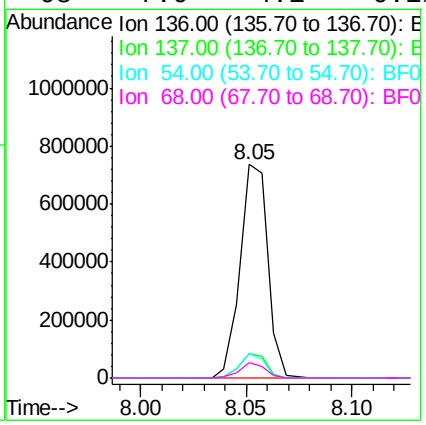


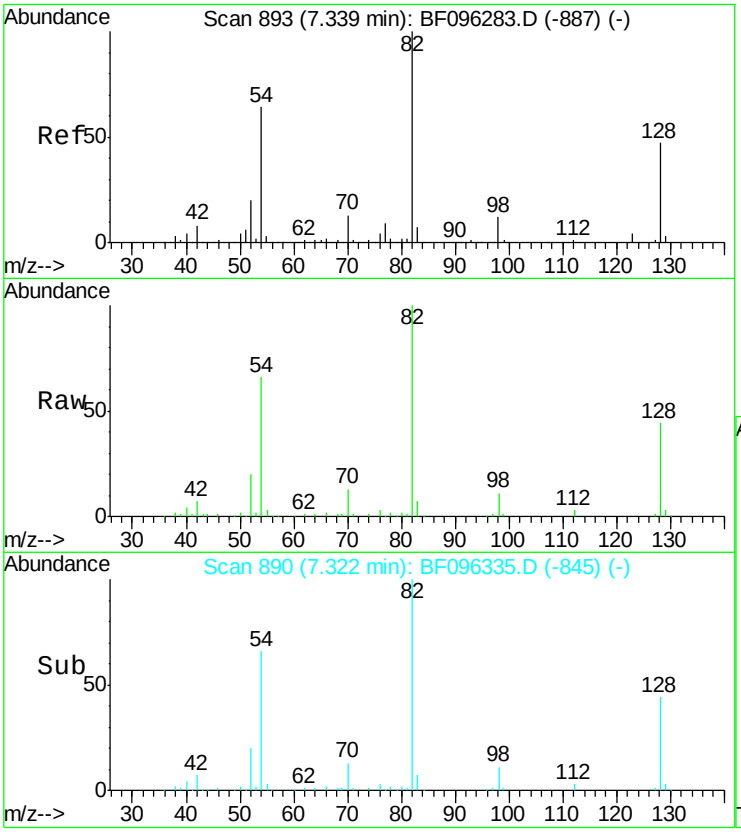


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:136 Resp: 671481

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.3	4.9	7.3#
68	7.0	4.1	6.1#



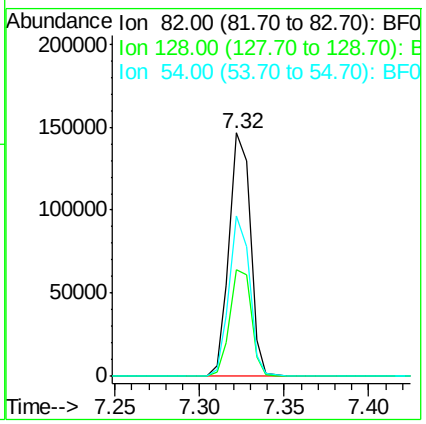


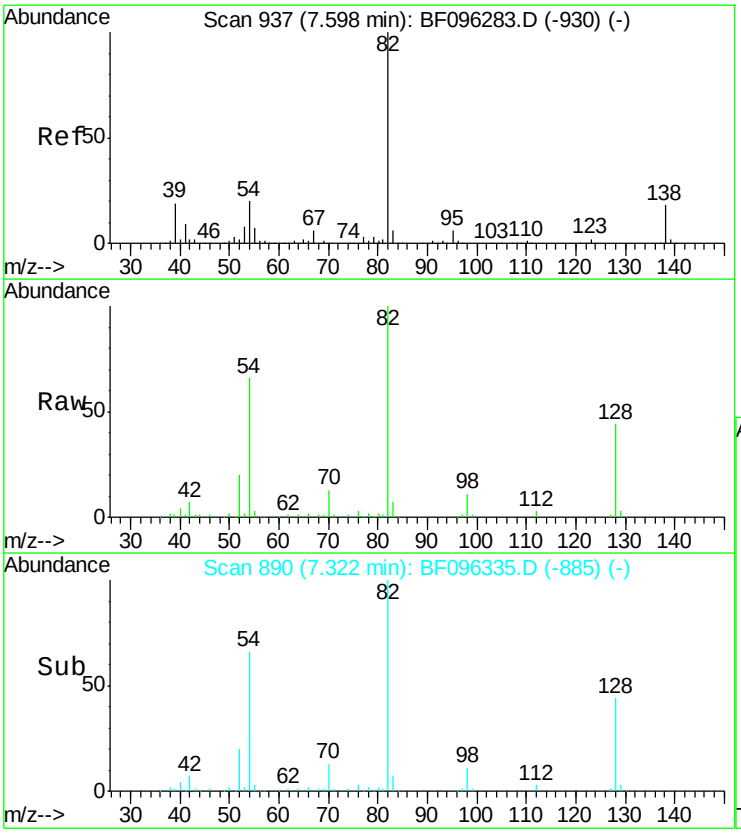
#23
Nitrobenzene-d5
Concen: 13.250 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion: 82 Resp: 128520

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.0	51.0
54	66.0	42.2	63.2#

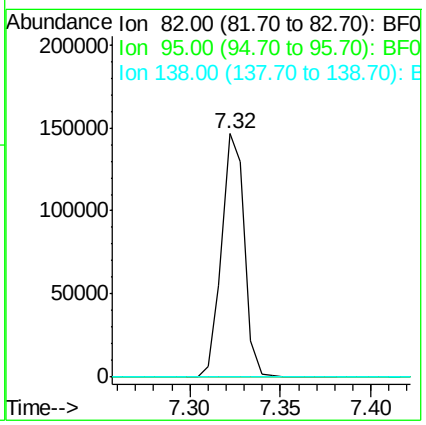


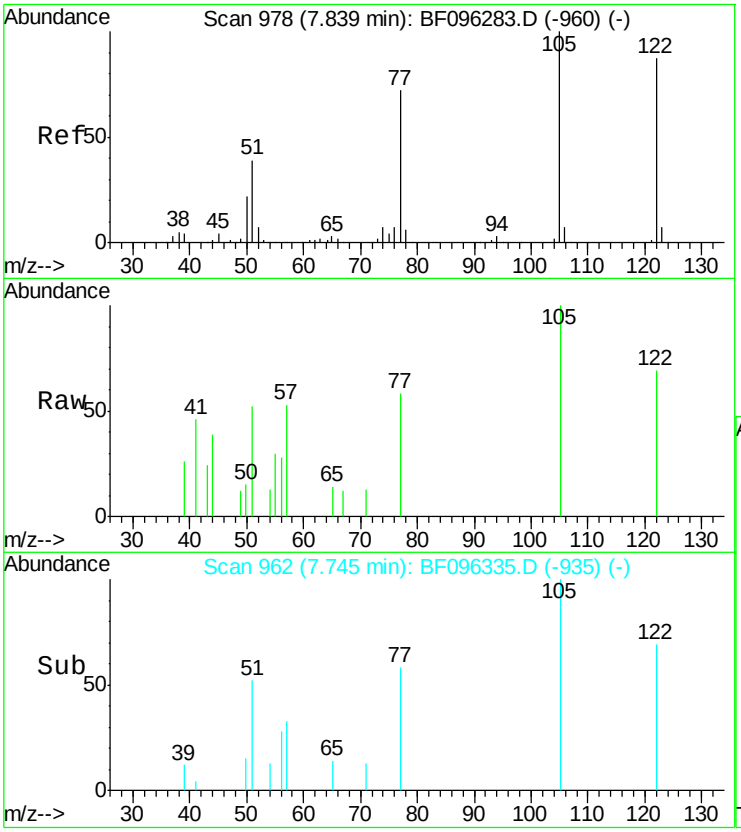


#25
Isophorone
Concen: 5.834 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion: 82 Resp: 128518

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



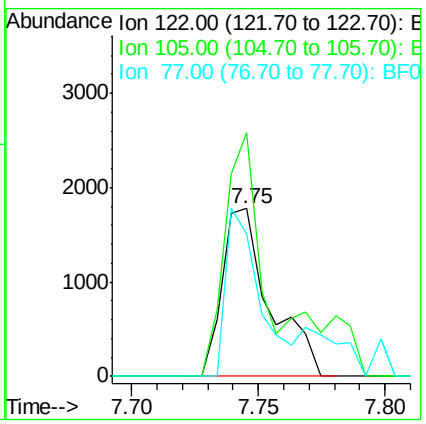


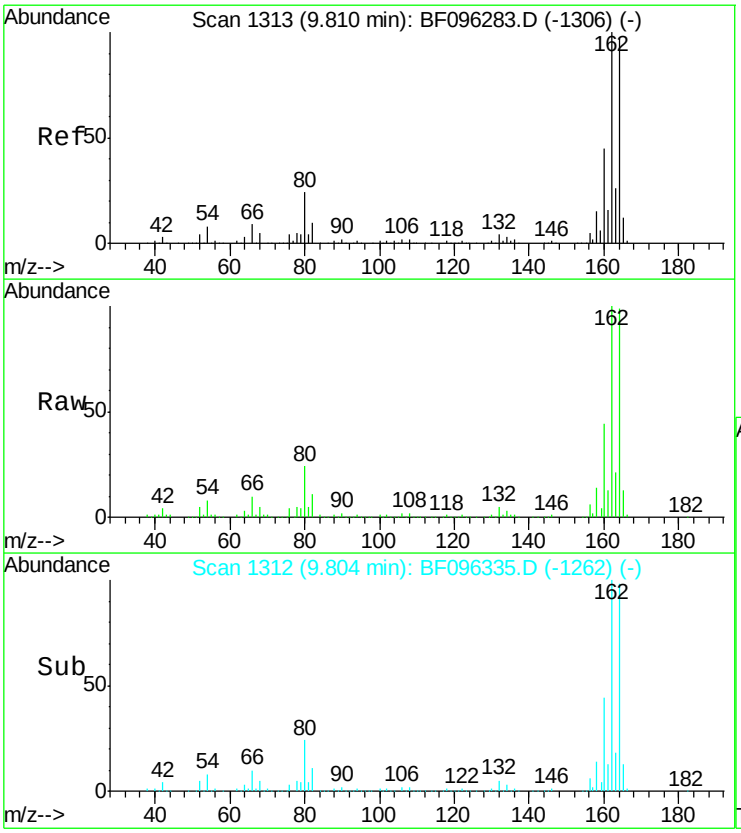
#32
Benzoic acid
Concen: 9.056 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.14 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:122 Resp: 2325

Ion	Ratio	Lower	Upper
122	100		
105	145.2	103.3	143.3#
77	84.7	73.7	113.7

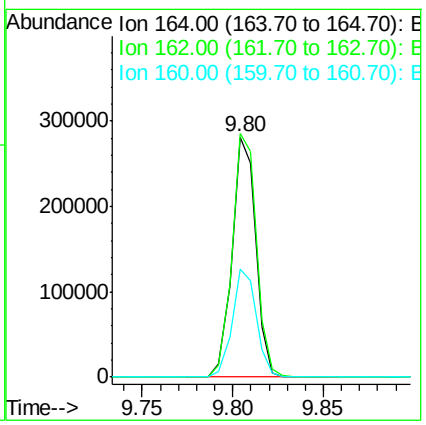


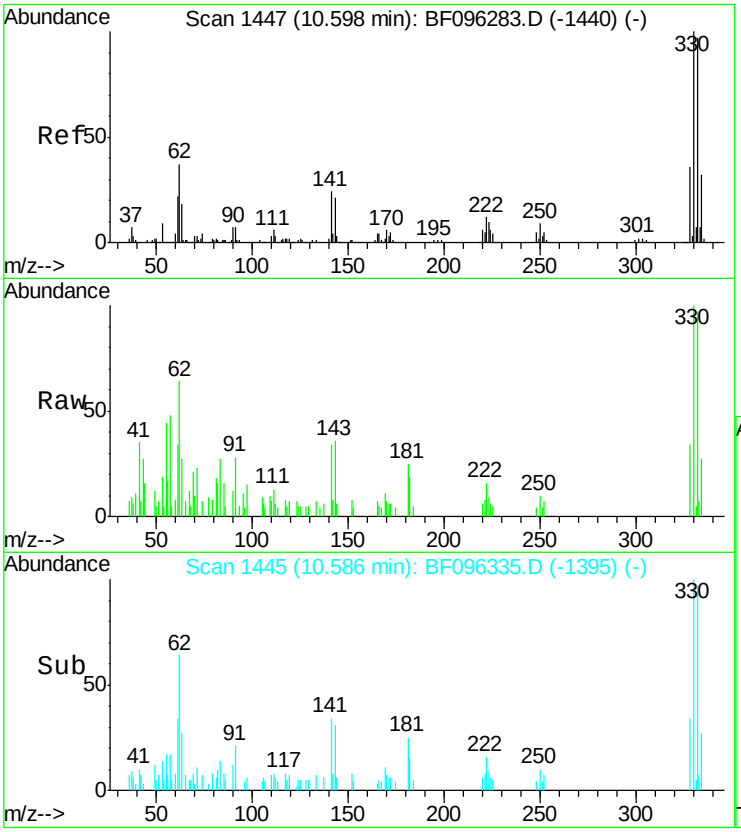


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:164 Resp: 254707

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	44.7	36.2	54.2



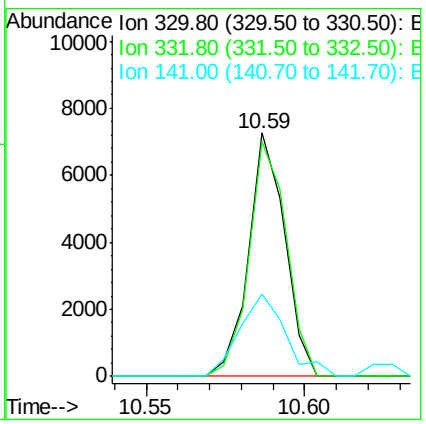


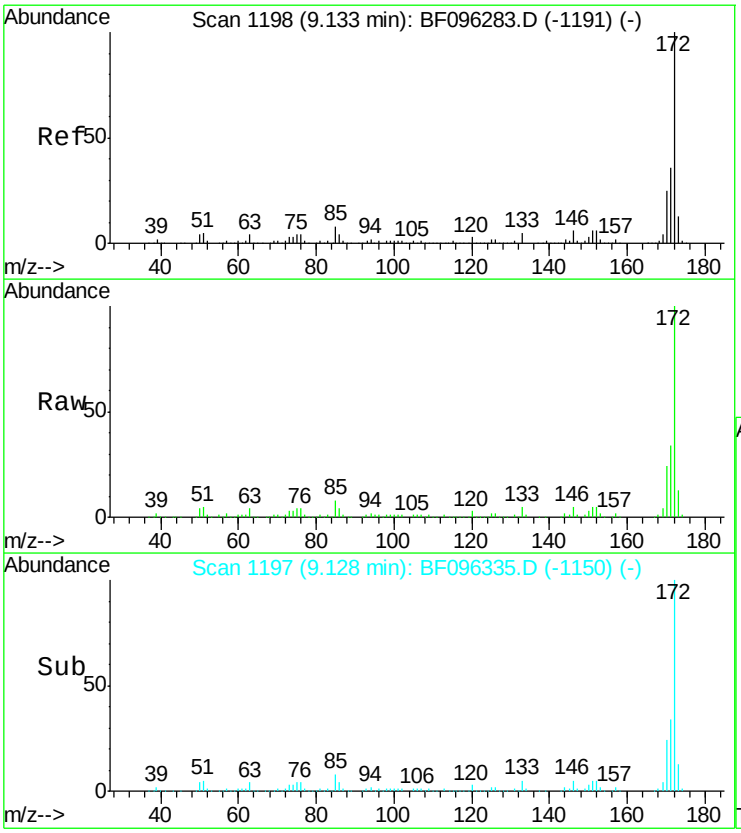
#41
2,4,6-Tribromophenol
Concen: 2.876 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:330 Resp: 5765

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.6	115.0
141	43.0	31.4	47.2

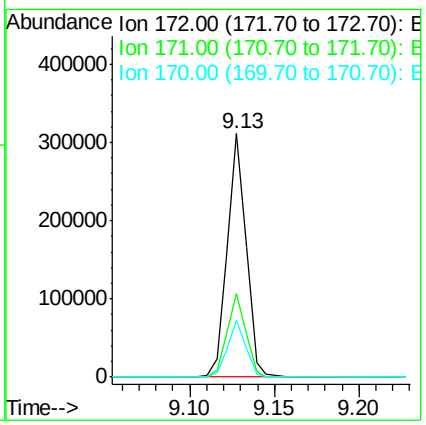


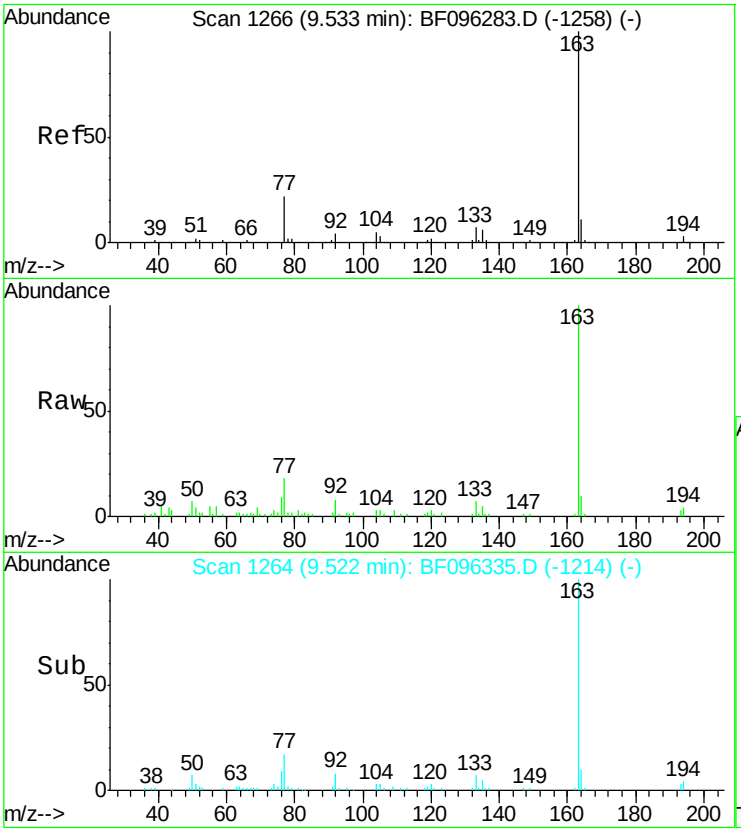


#44
2-Fluorobiphenyl
Concen: 17.233 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:172 Resp: 239673

Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.6	44.4
170	23.5	19.8	29.8



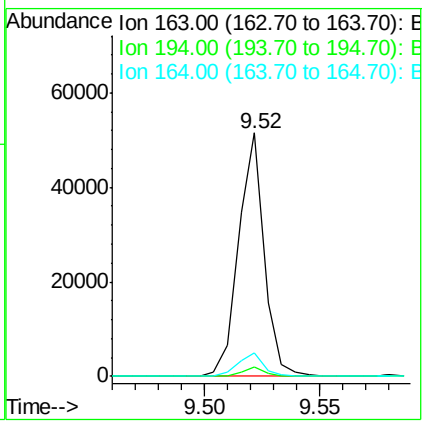


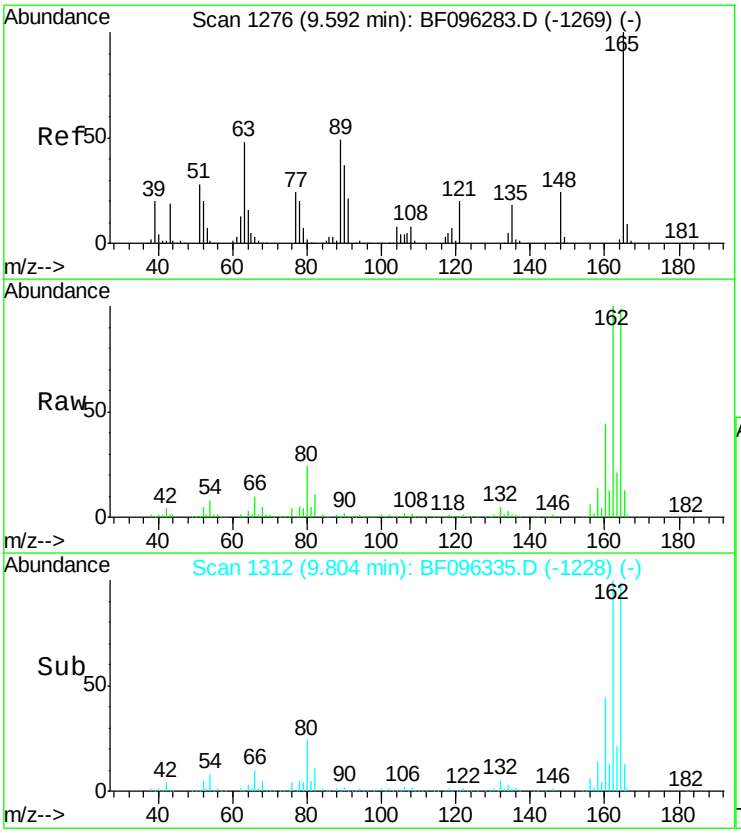
#49
Dimethylphthalate
Concen: 2.190 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:163 Resp: 39926

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.4	12.6

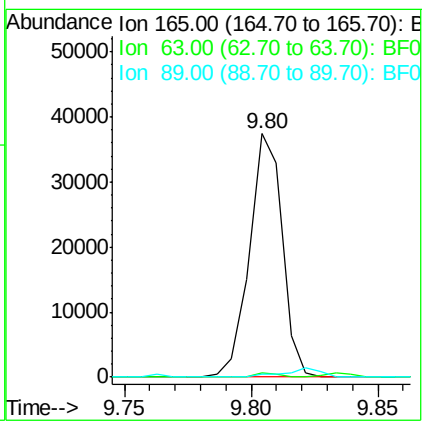


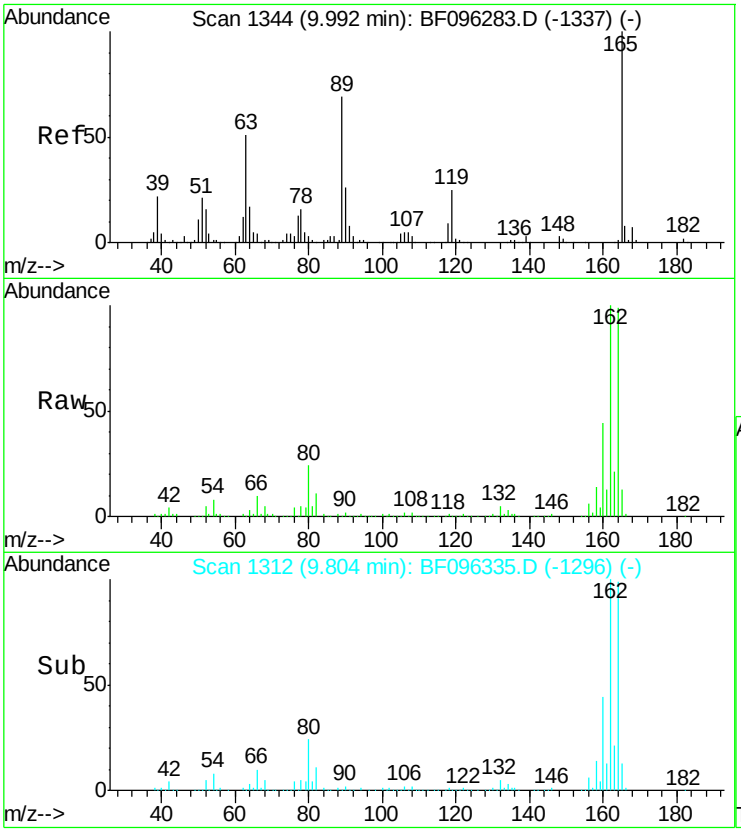


#50
2,6-Dinitrotoluene
Concen: 8.891 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:165 Resp: 33710

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.4	37.1	55.7#



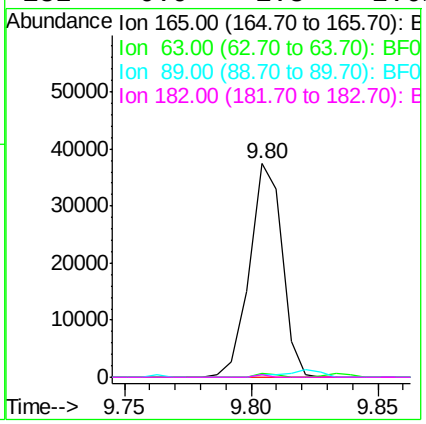


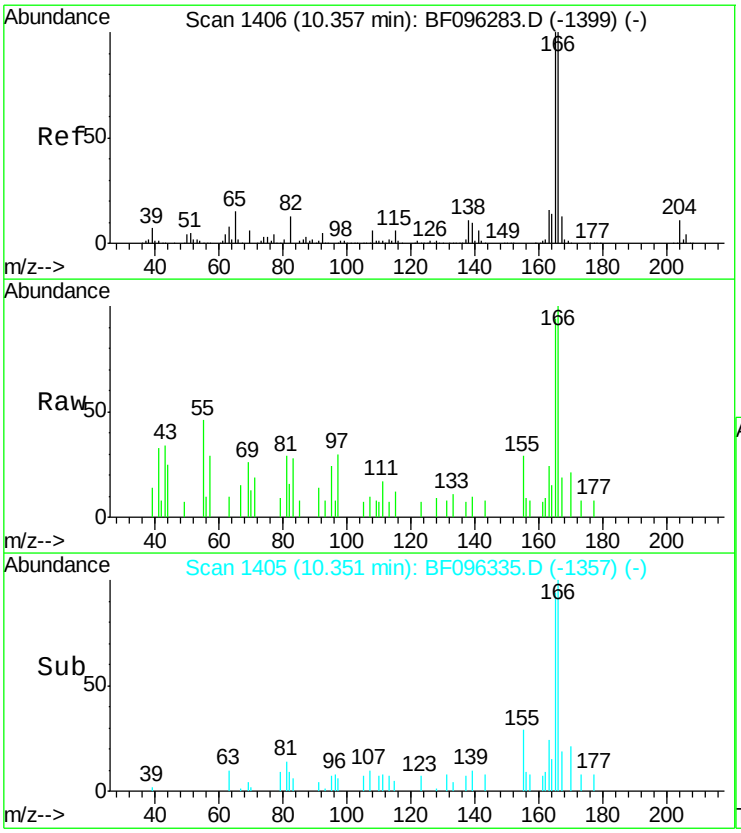
#56
2,4-Dinitrotoluene
Concen: 7.054 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:165 Resp: 33710

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.4	46.4	69.6#
182	0.9	1.8	2.6#

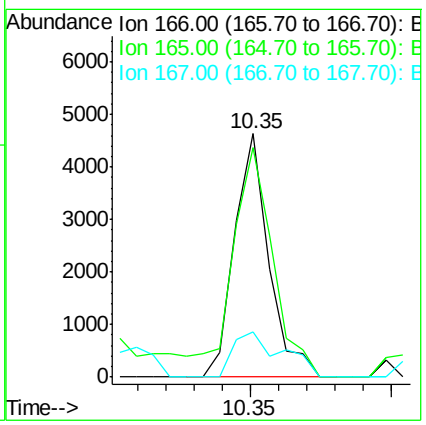


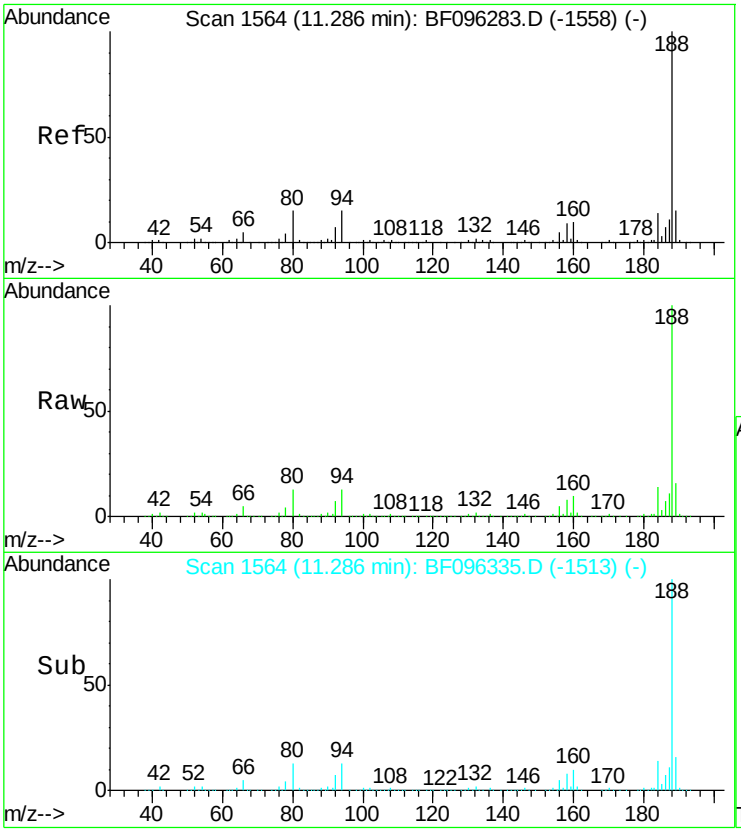


#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:166 Resp: 3912

Ion	Ratio	Lower	Upper
166	100		
165	94.1	78.8	118.2
167	18.6	10.6	16.0#



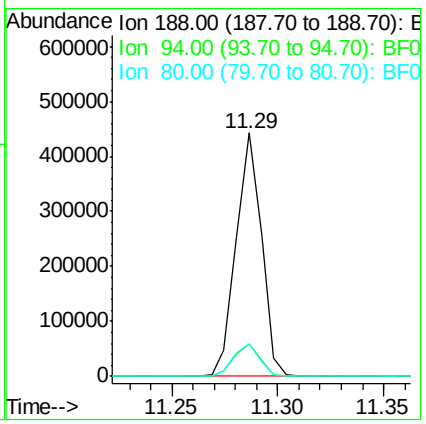


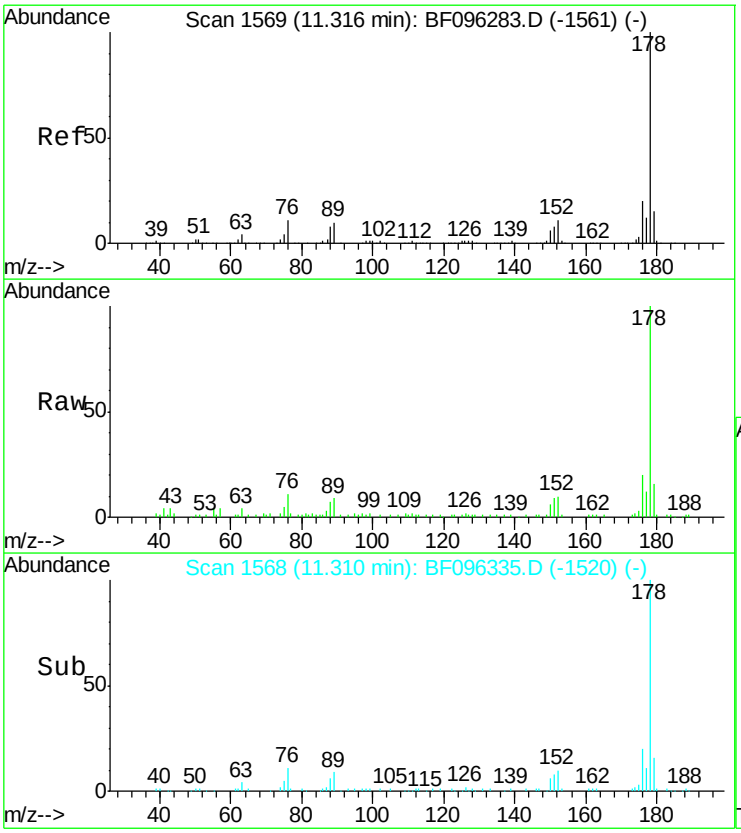
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:188 Resp: 365954

Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	13.3	10.2	15.2

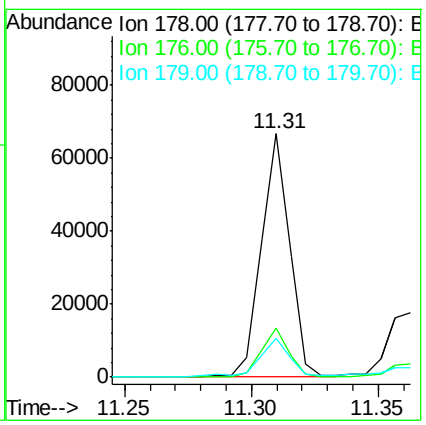


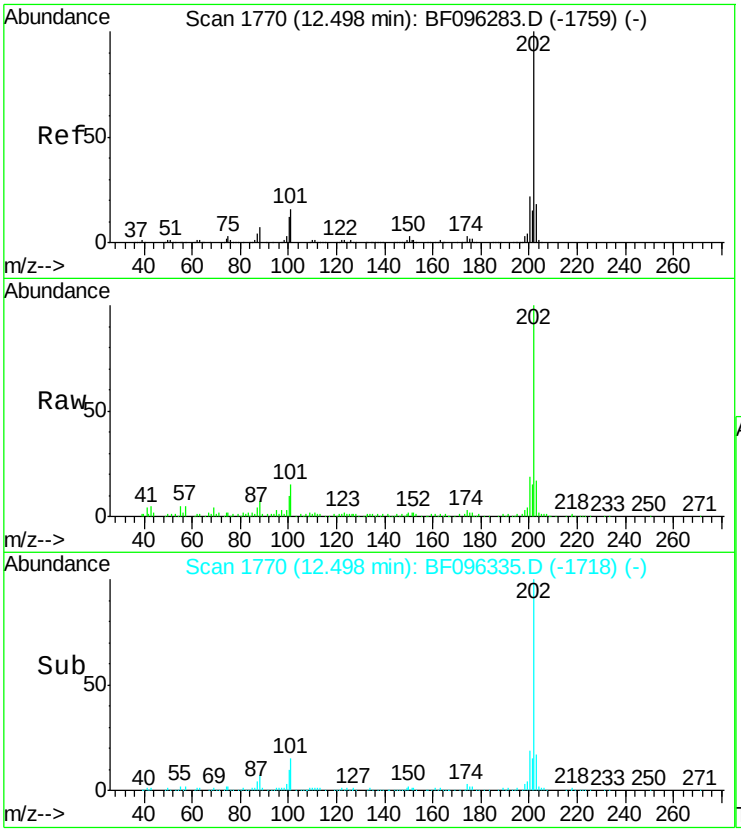


#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:178 Resp: 52294

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	16.0	12.6	19.0



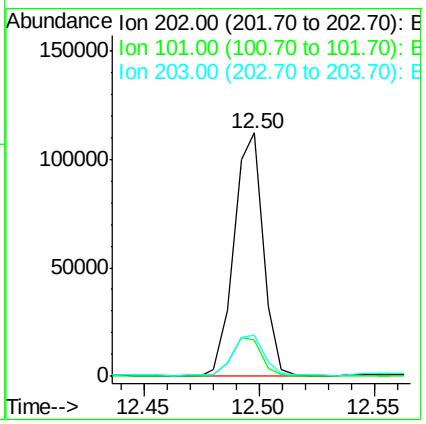


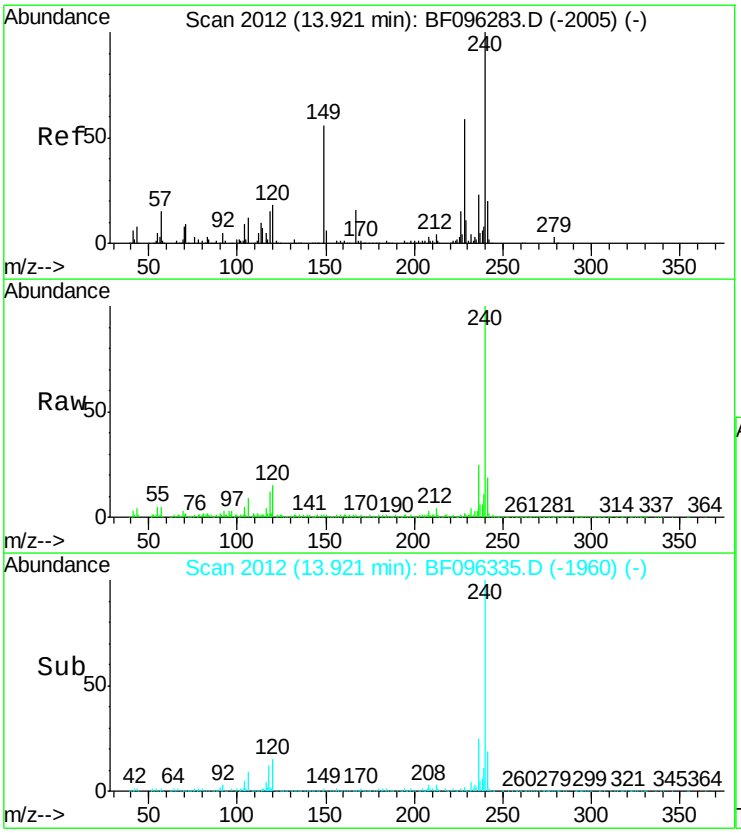
#74
Fluoranthene
Concen: 4.896 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:202 Resp: 99525

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	33.2
203	16.8	0.0	38.1

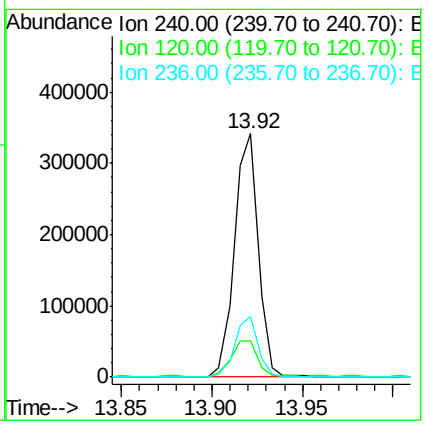


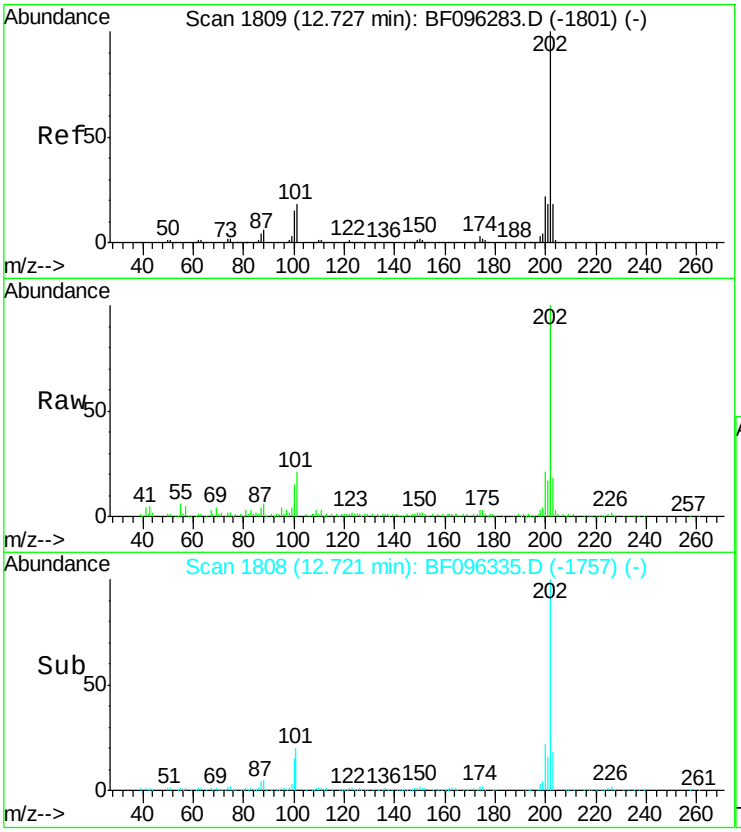


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:240 Resp: 309570

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.8	20.5	30.7



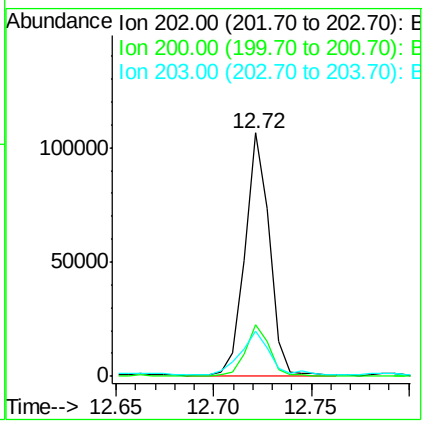


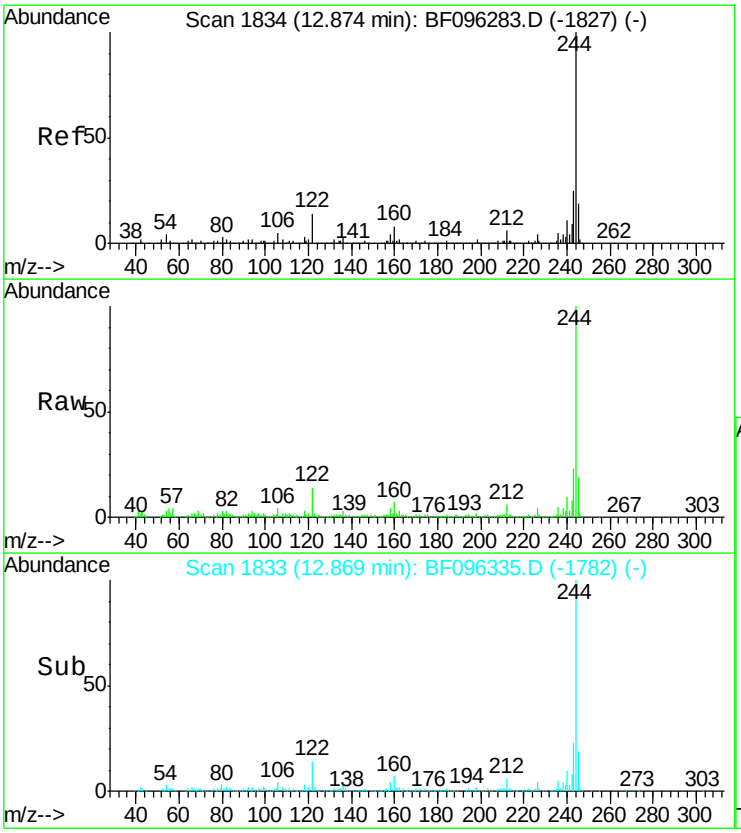
#77
Pyrene
Concen: 3.613 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:202 Resp: 91928

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.5	14.4	21.6

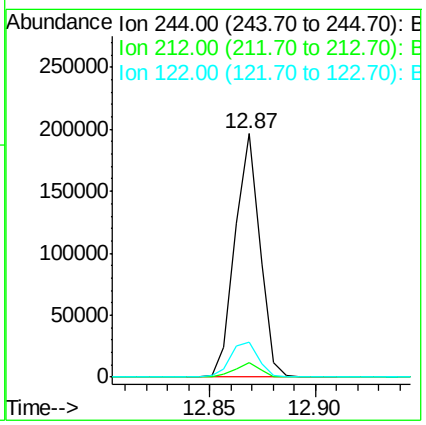


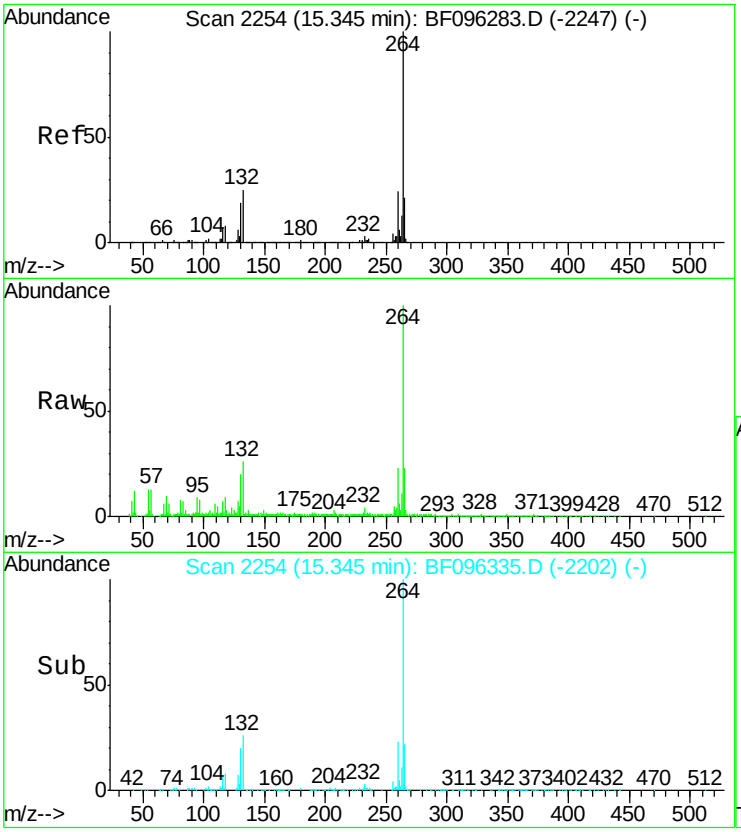


#78
Terphenyl-d14
Concen: 12.828 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:244 Resp: 159151

Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	14.3	10.3	15.5



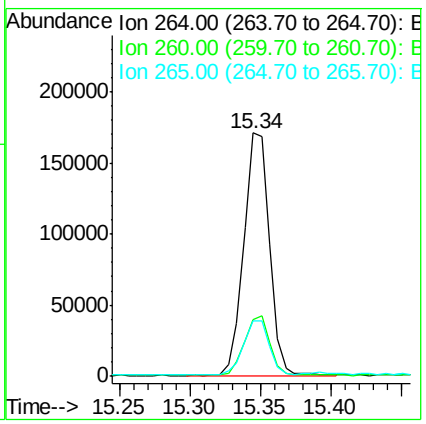


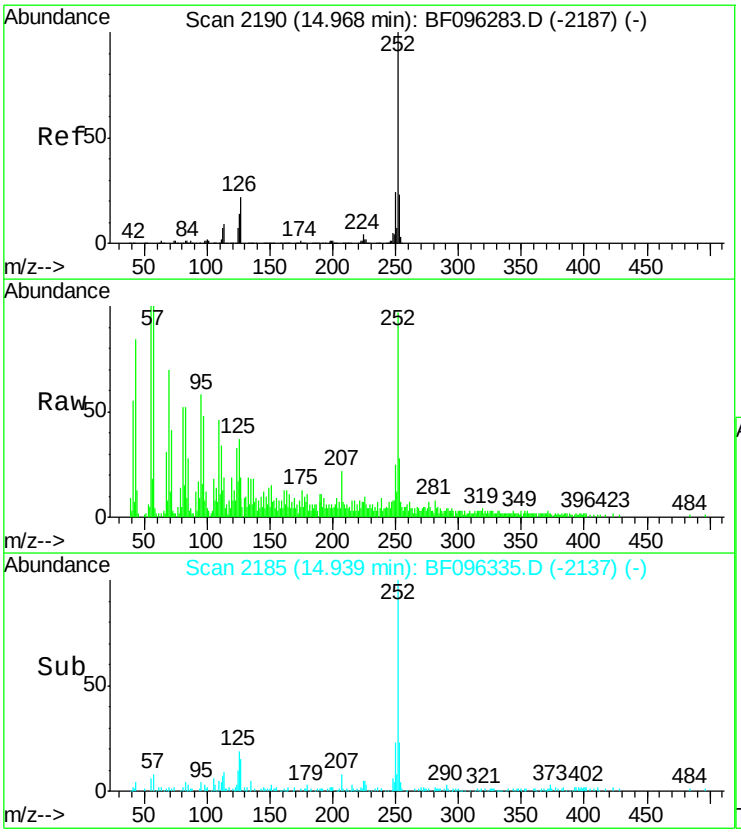
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:264 Resp: 217695

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.7	17.2	25.8

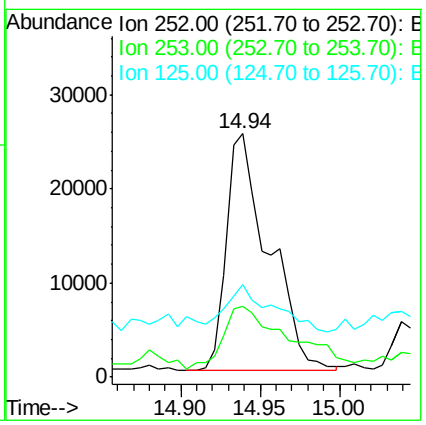


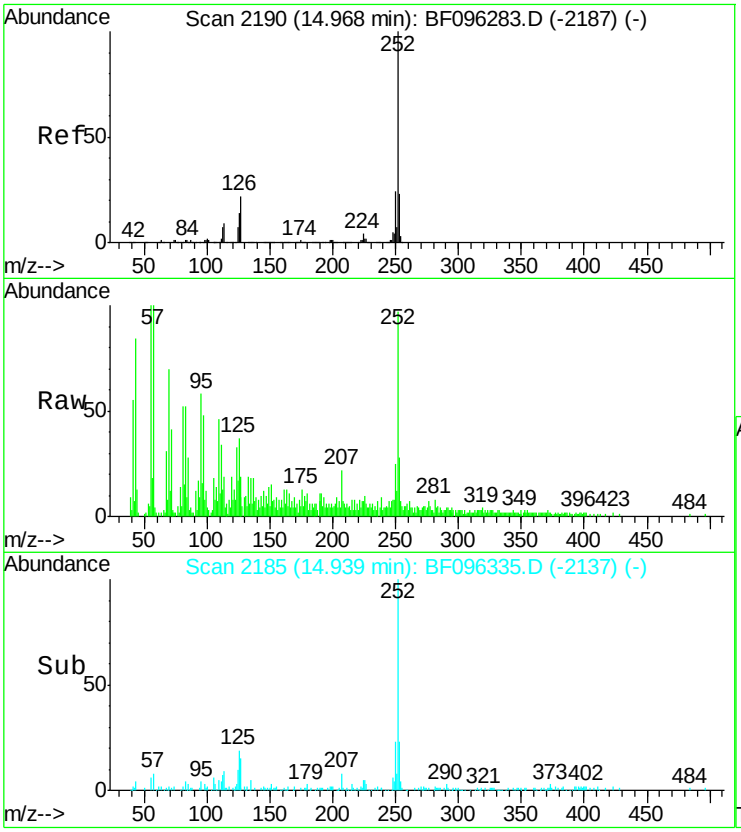


#87
Benzo(b)fluoranthene
Concen: 3.267 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Tgt Ion:252 Resp: 46726

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.1	27.1#
125	38.2	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.579 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096335.D
Acq: 30 Jun 2017 14:16

Instrument :
BNA_F
ClientSampleId :
G53-0-1.5

Tgt Ion:252 Resp: 46726

Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.4	27.6#
125	38.2	13.1	19.7#