Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096318.D
Acq On : 30 Jun 2017 3:28
Operator : SJ/MA
Sample : I3883-03 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 03:57:35 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	160446	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	597580	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	215546	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	346721	20.00	ng		0.00
75) Chrysene-d12	13.92	240	302777	20.00	ng		0.00
86) Perylene-d12	15.35	264	211976	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	223395	20.06	ng		0.00
7) Phenol-d6	6.39	99	263578	19.55	ng		0.00
23) Nitrobenzene-d5	7.32	82	124723	14.45	ng		-0.04
41) 2,4,6-Tribromophenol	10.59	330	41105	24.23	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	229505	19.50	ng		-0.02
78) Terphenyl-d14	12.87	244	184618	15.21	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	237	Below Cal		#	1
25) Isophorone	7.32	82	124721	6.36	ng	#	67
32) Benzoic acid	7.75	122	4089	9.32	ng		86
49) Dimethylphthalate	9.52	163	39358	2.55	ng		97
50) 2,6-Dinitrotoluene	9.80	165	29083	9.06	ng	#	34
56) 2,4-Dinitrotoluene	9.80	165	29083	7.19	ng	#	33
57) Fluorene	10.35	166	19517	Below Cal		#	98
70) Phenanthrene	11.31	178	287790	10.70	ng		98
71) Anthracene	11.36	178	74191	3.83	ng		98
74) Fluoranthene	12.50	202	498535	25.88	ng		97
77) Pyrene	12.73	202	454824	18.28	ng		99
80) Benzo(a)anthracene	13.91	228	193898	10.51	ng		98
82) Chrysene	13.94	228	177224	9.28	ng		97
85) Indeno(1,2,3-cd)pyrene	16.74	276	83851	5.29	ng		93
87) Benzo(b)fluoranthene	14.94	252	256607	18.43	ng	#	92
88) Benzo(k)fluoranthene	14.94	252	256607	20.19	ng		96
89) Benzo(a)pyrene	15.29	252	126332	10.27	ng	#	96
90) Dibenzo(a,h)anthracene	16.75	278	19282	2.00	ng	#	50
91) Benzo(g,h,i)perylene	17.16	276	79587	7.95	ng		98

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

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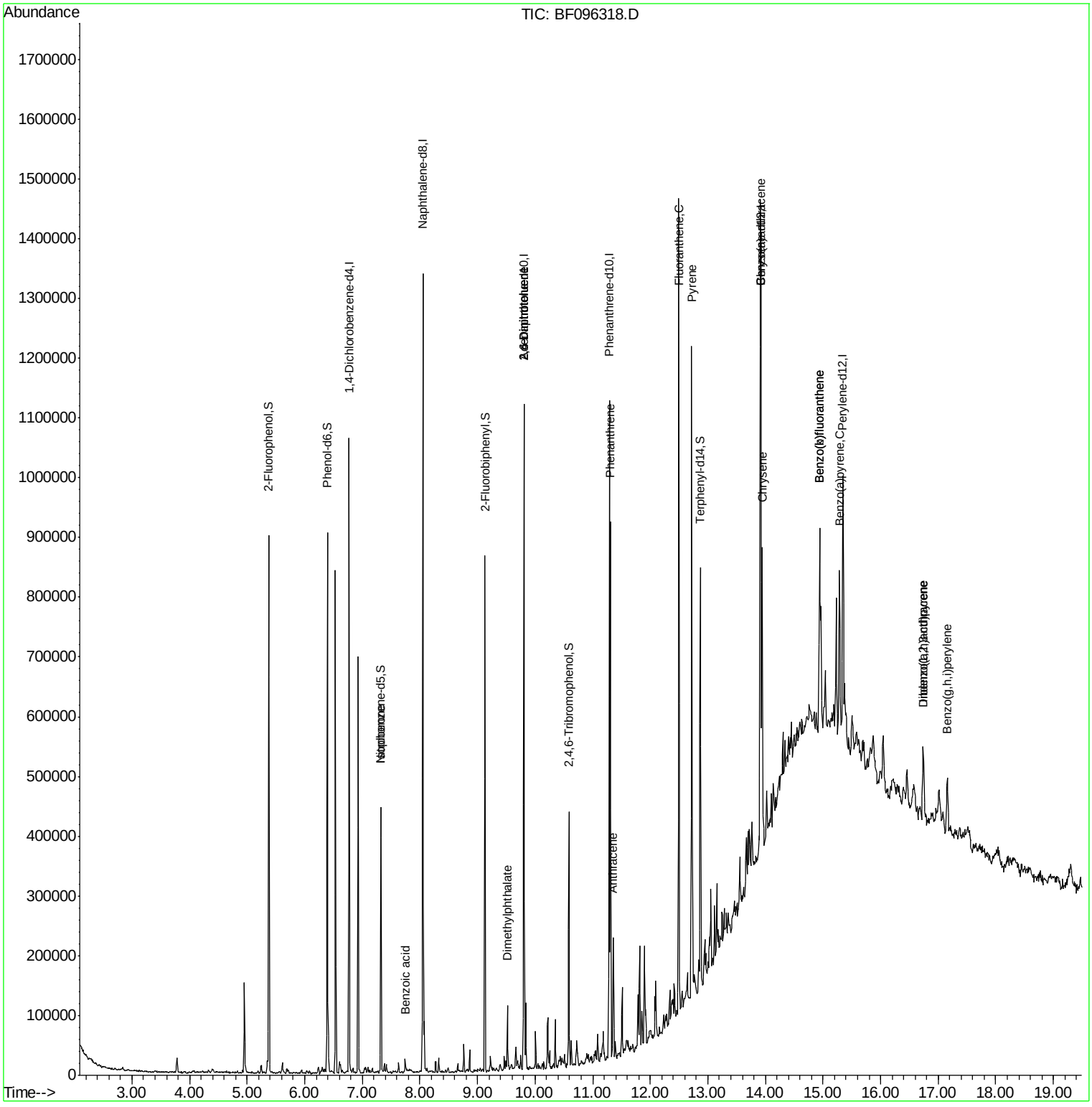
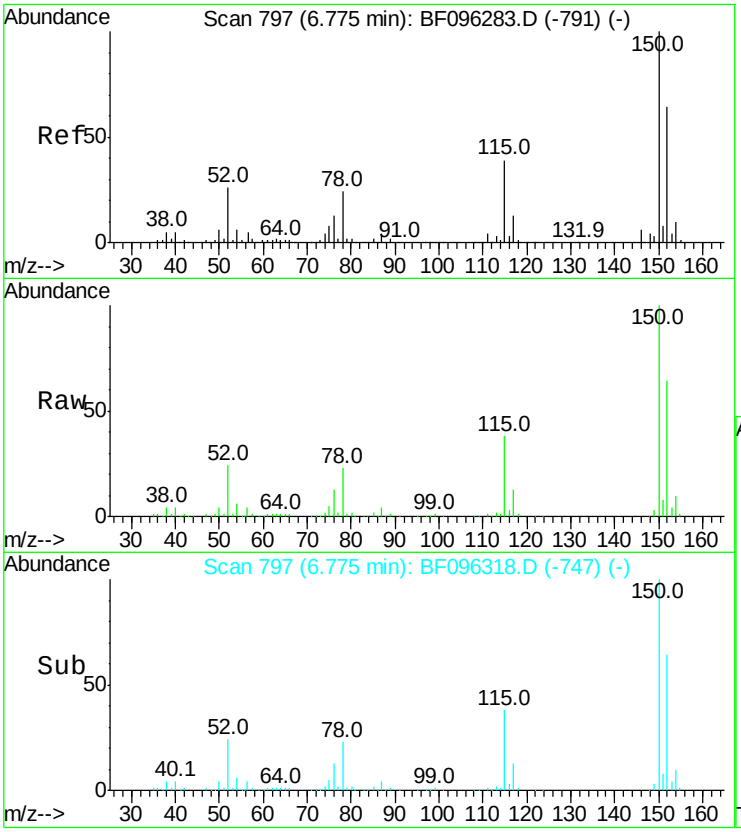


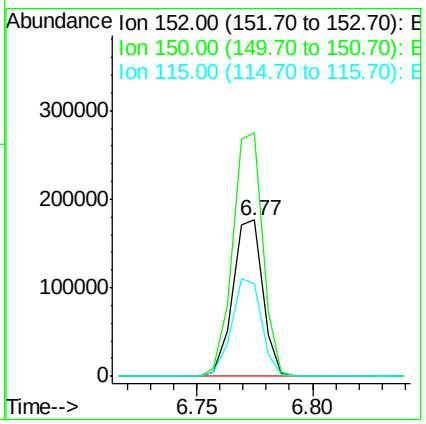


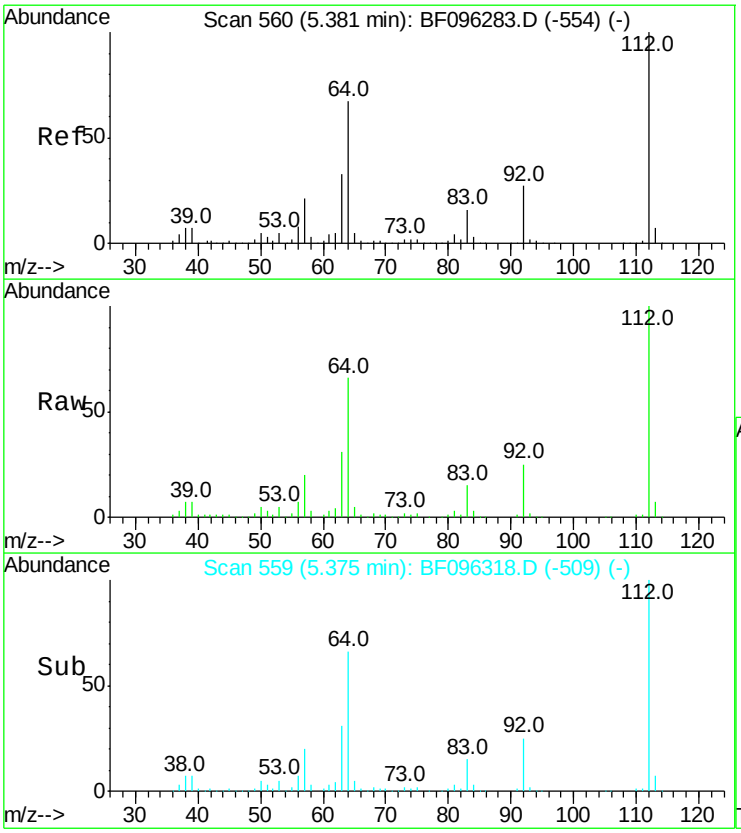
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 160446

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	58.8	52.2	78.2

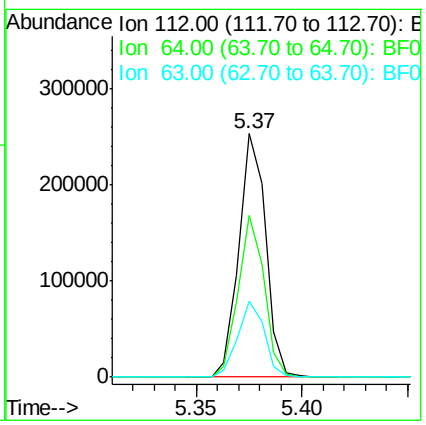


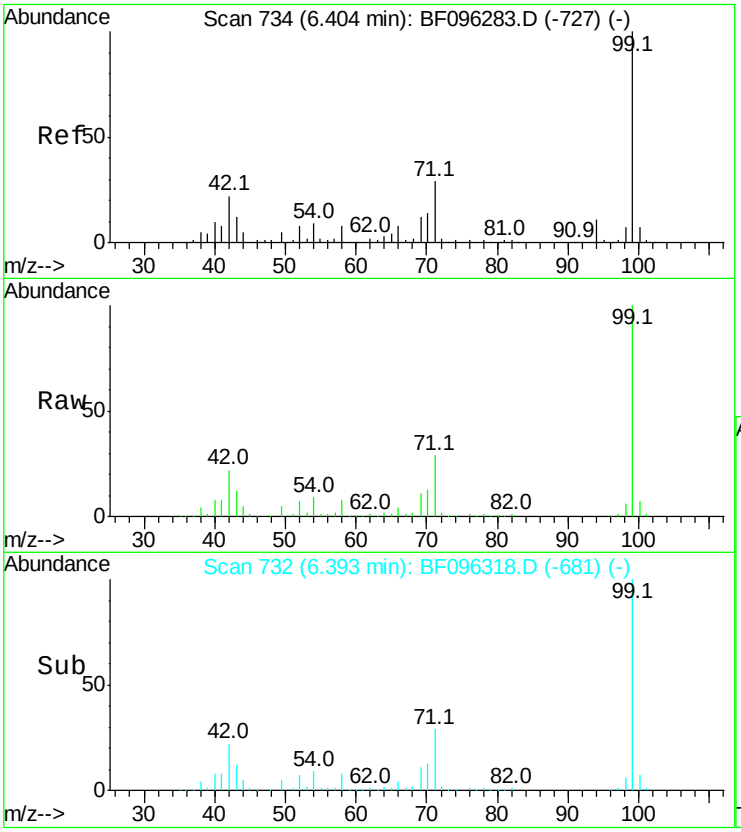


#5
2-Fluorophenol
Concen: 20.06 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:112 Resp: 223395

Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	31.3	23.4	35.0



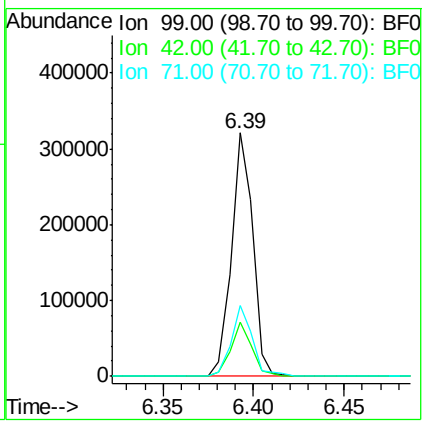


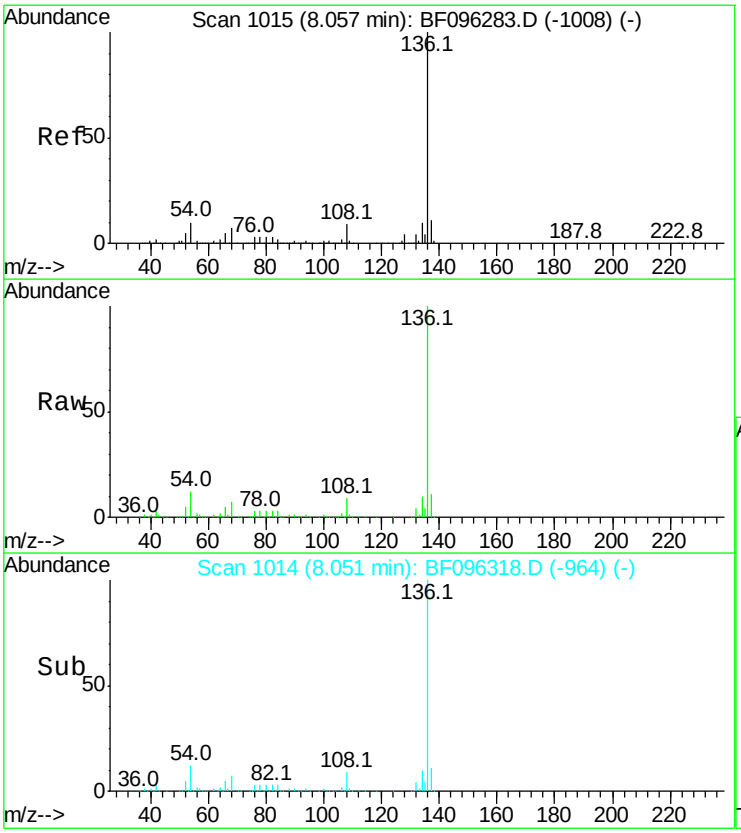
#7
Phenol-d6
Concen: 19.55 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 263578

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	29.1	24.5	36.7

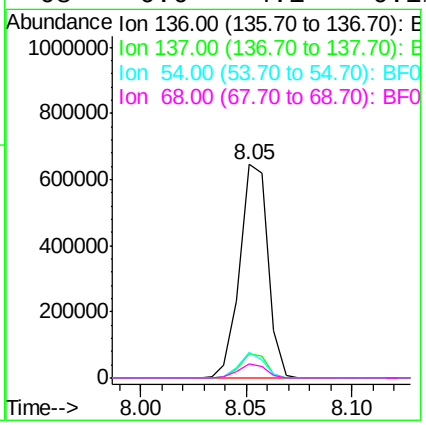


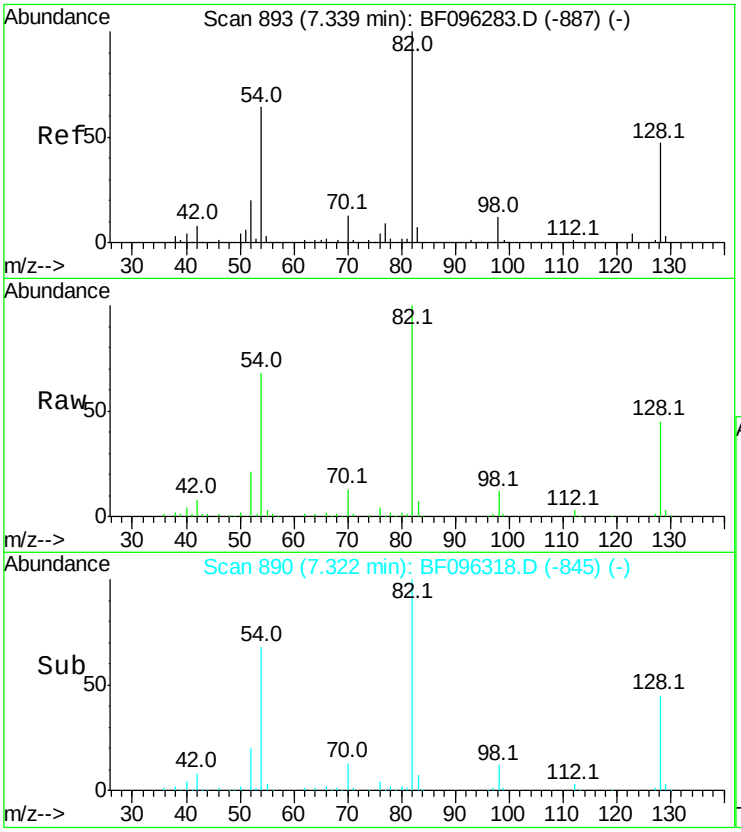


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:136 Resp: 597580

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	12.1	4.9	7.3#
68	6.6	4.1	6.1#

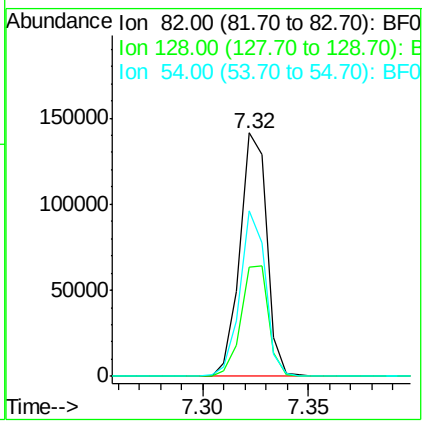




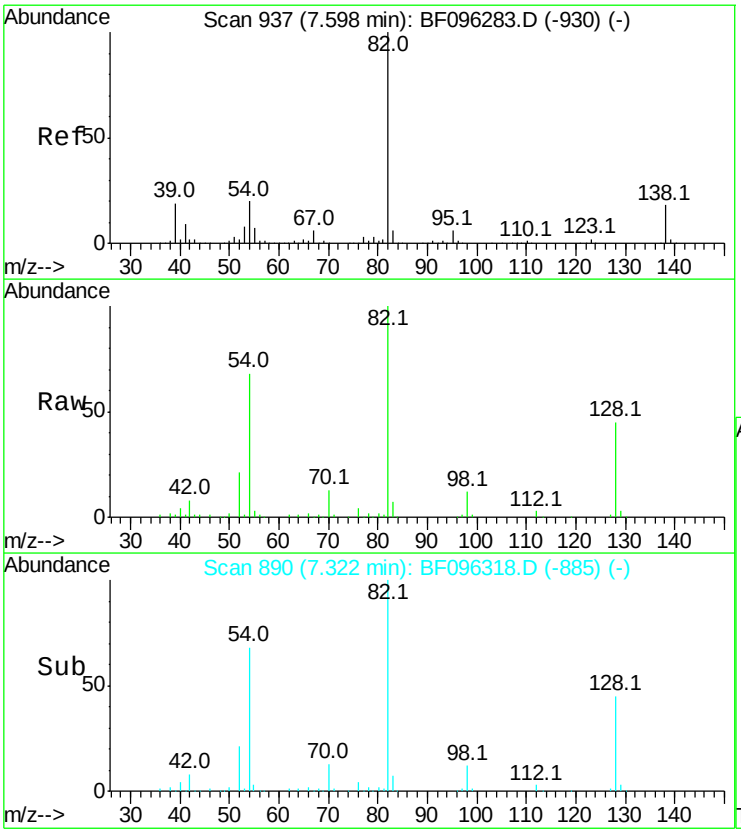
#23
Nitrobenzene-d5
Concen: 14.45 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion: 82 Resp: 124723

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	67.9	42.2	63.2#



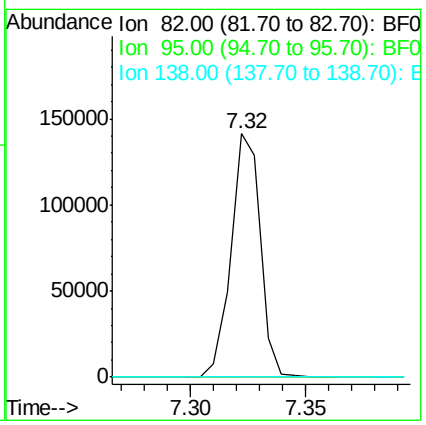
Instrument :
BNA_F
ClientSampleId :

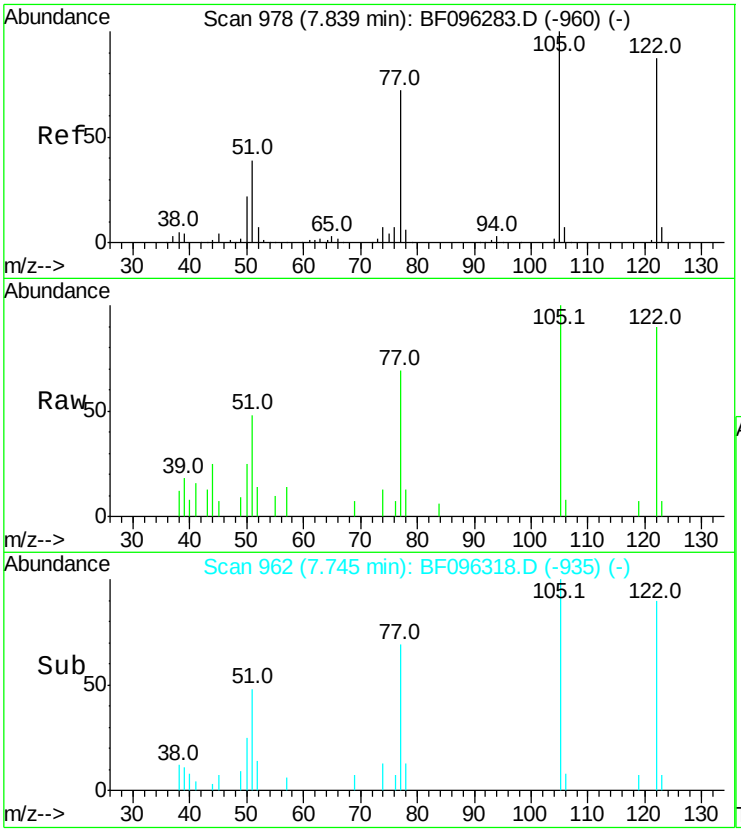


#25
Isophorone
Concen: 6.36 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion: 82 Resp: 124721

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



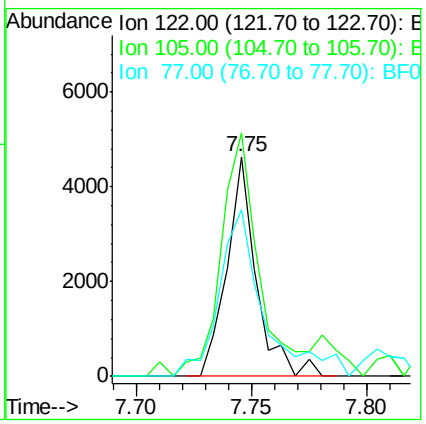


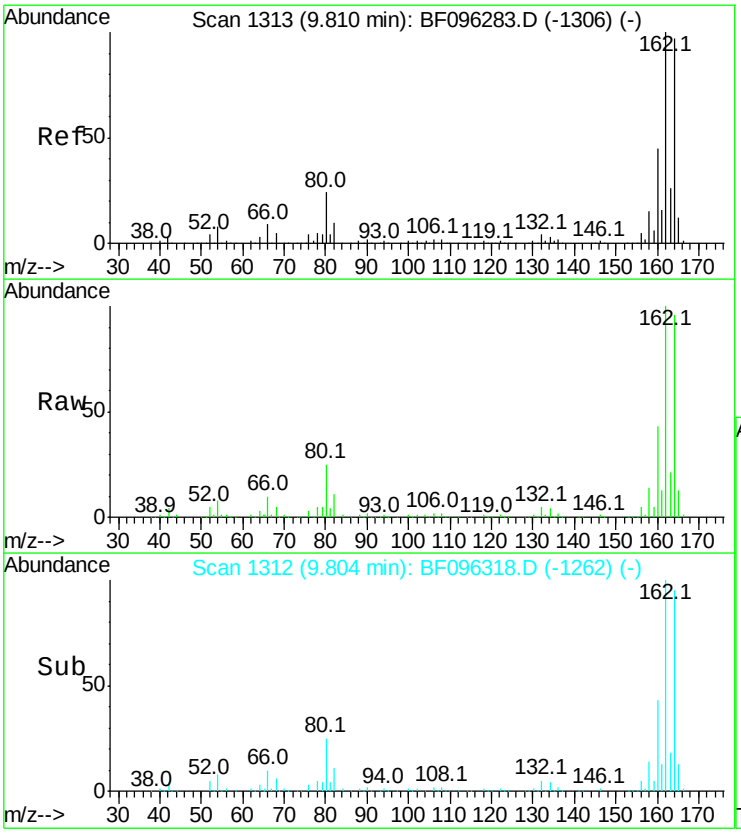
#32
Benzoic acid
Concen: 9.32 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.14 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 4089

Ion	Ratio	Lower	Upper
122	100		
105	110.9	103.3	143.3
77	76.0	73.7	113.7

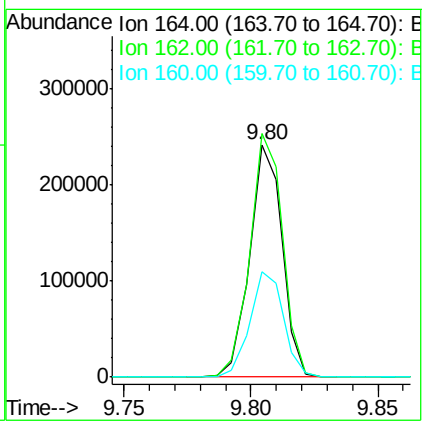


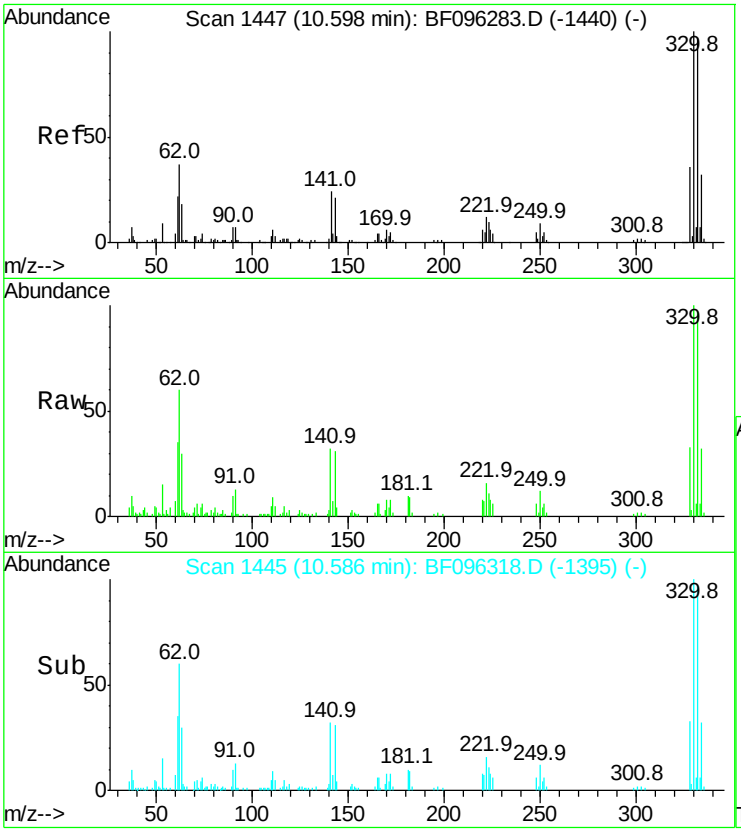


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:164 Resp: 215546

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.4	36.2	54.2



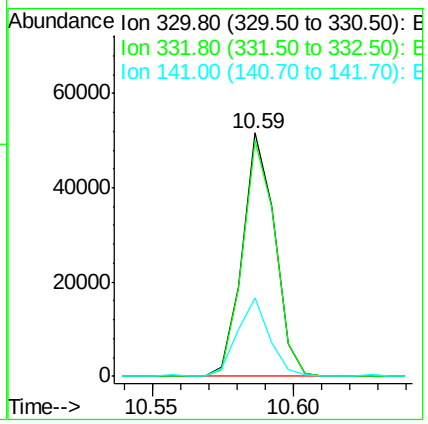


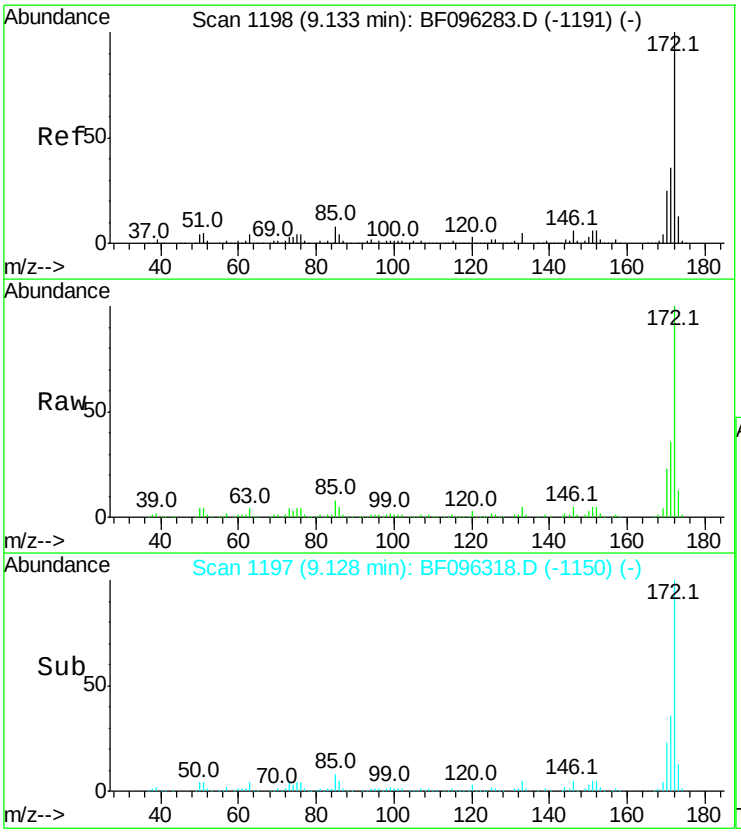
#41
2,4,6-Tribromophenol
Concen: 24.23 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 41105

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	32.5	31.4	47.2

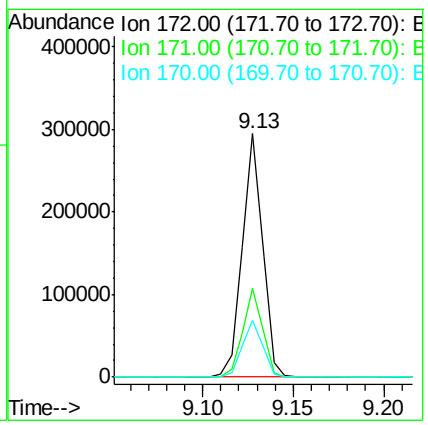


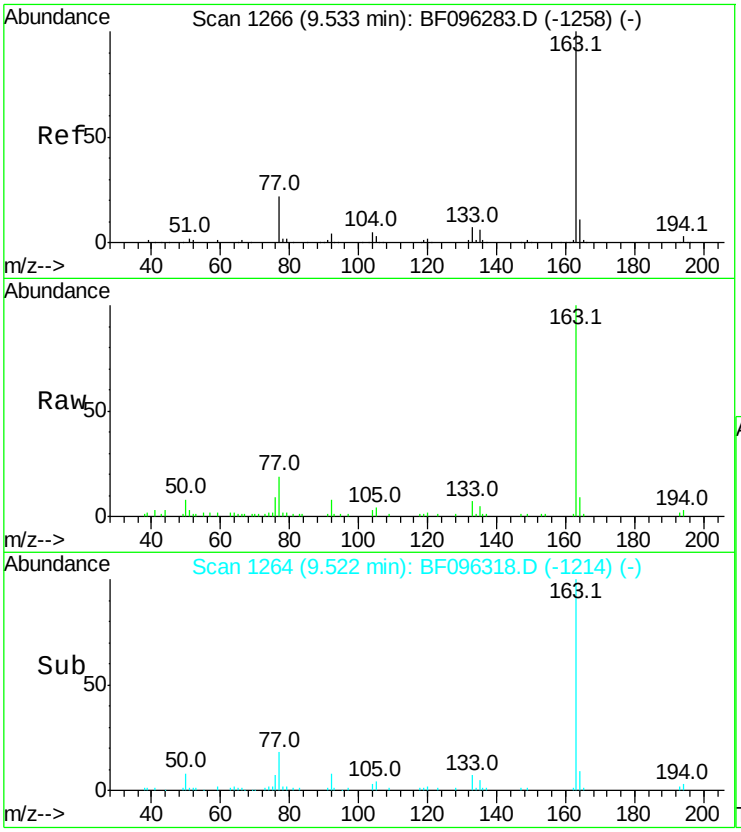


#44
2-Fluorobiphenyl
Concen: 19.50 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:172 Resp: 229505

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.4	19.8	29.8



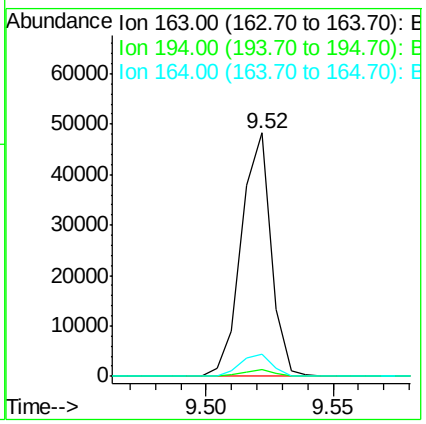


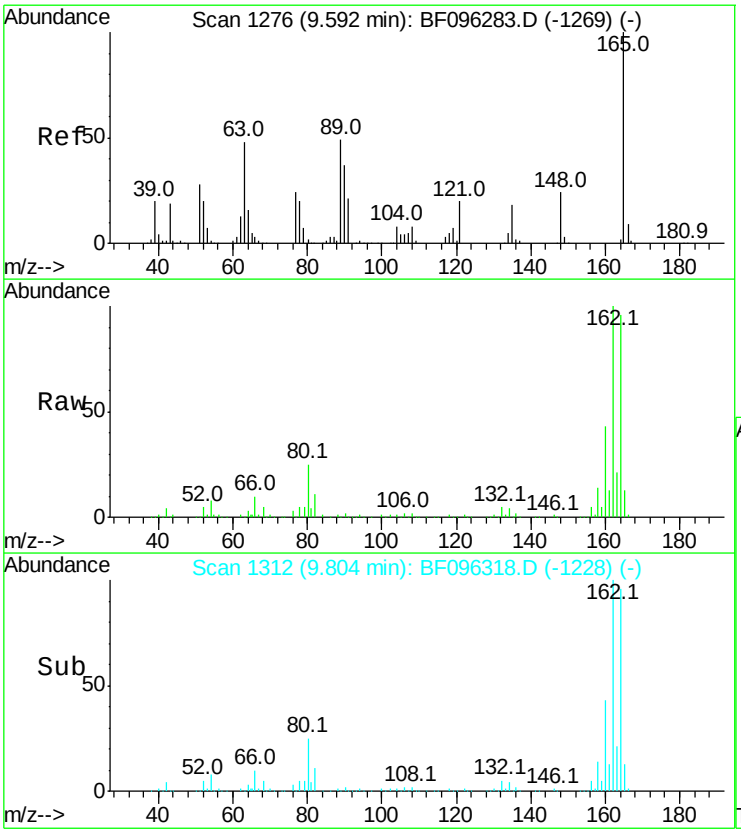
#49
Dimethylphthalate
Concen: 2.55 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 39358

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.4	8.4	12.6

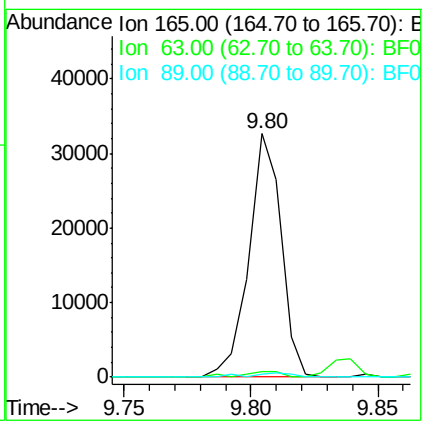


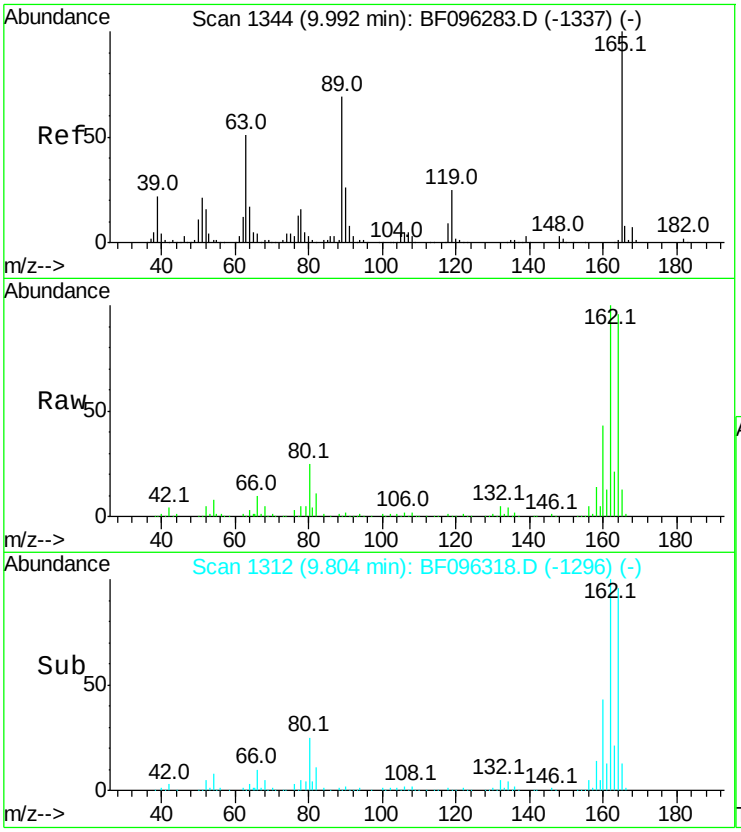


#50
2,6-Dinitrotoluene
Concen: 9.06 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:165 Resp: 29083

Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	1.3	37.1	55.7#



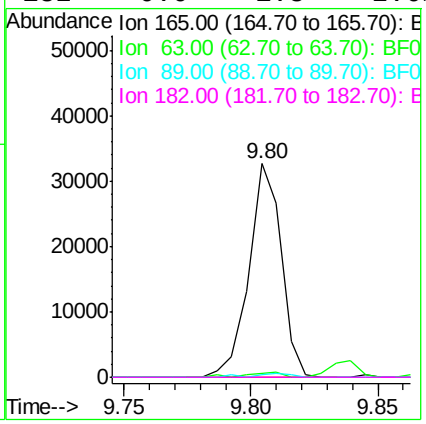


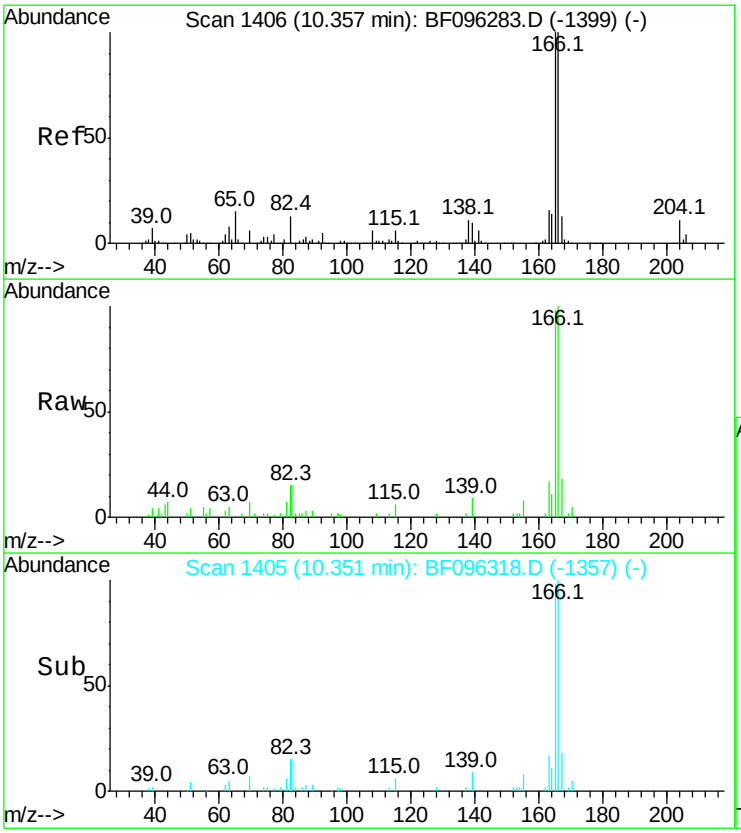
#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29083

Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

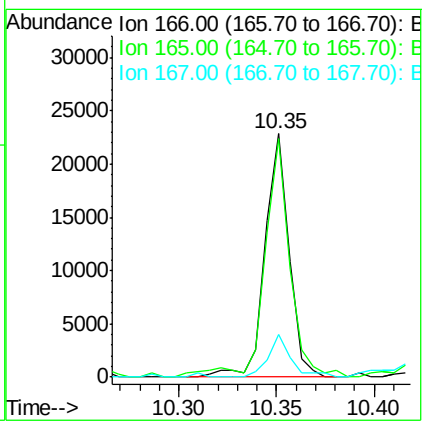


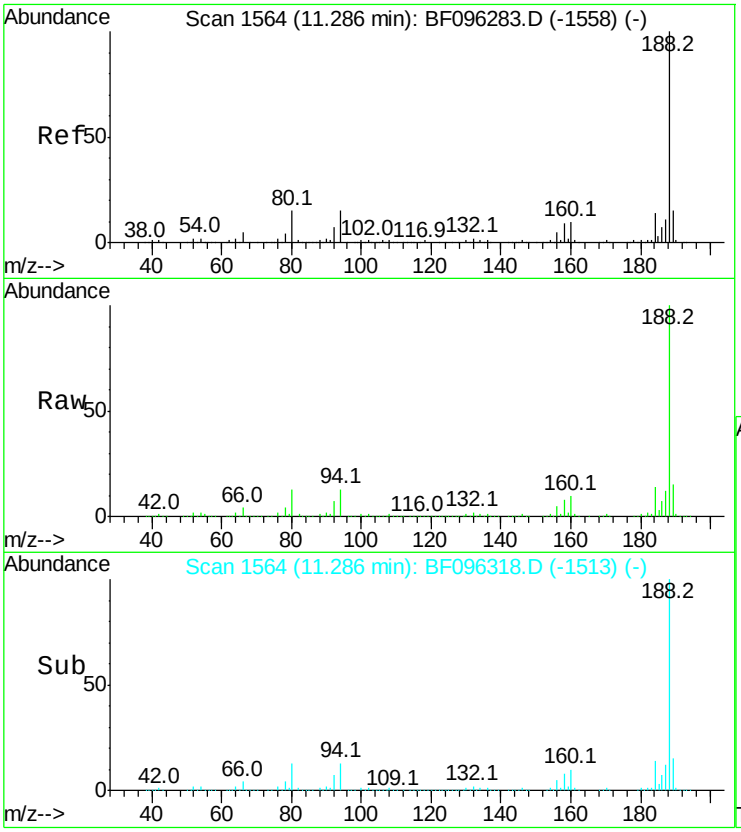


#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:166 Resp: 19517

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.8	118.2
167	17.6	10.6	16.0#



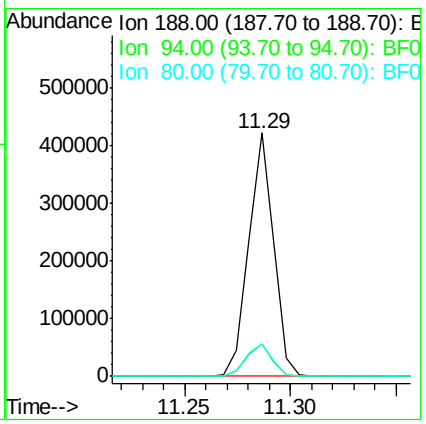


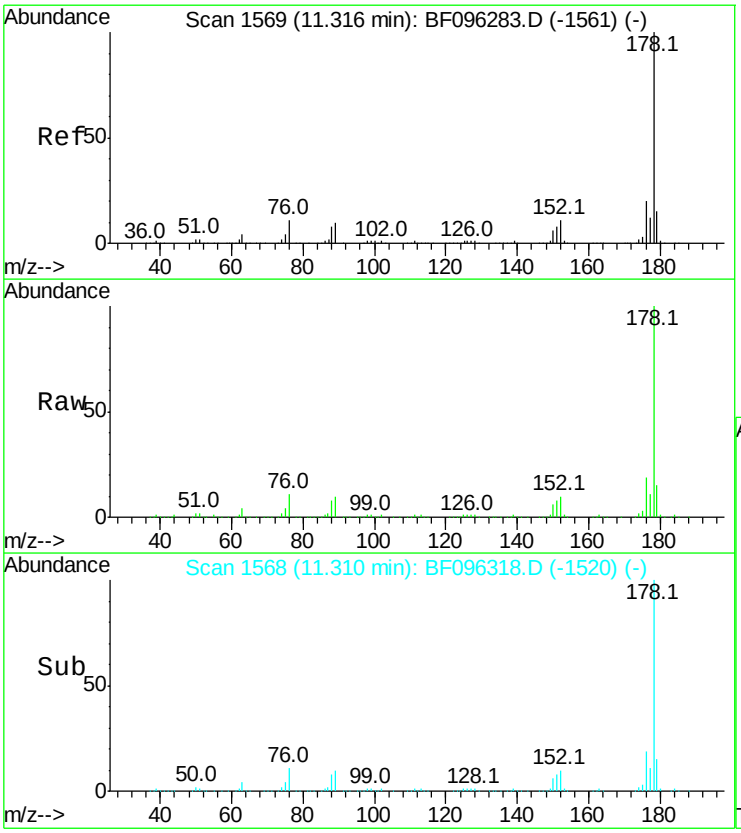
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 346721

Ion	Ratio	Lower	Upper
188	100		
94	13.2	9.4	14.2
80	13.3	10.2	15.2

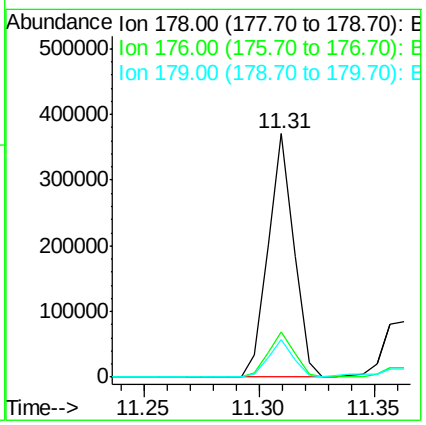


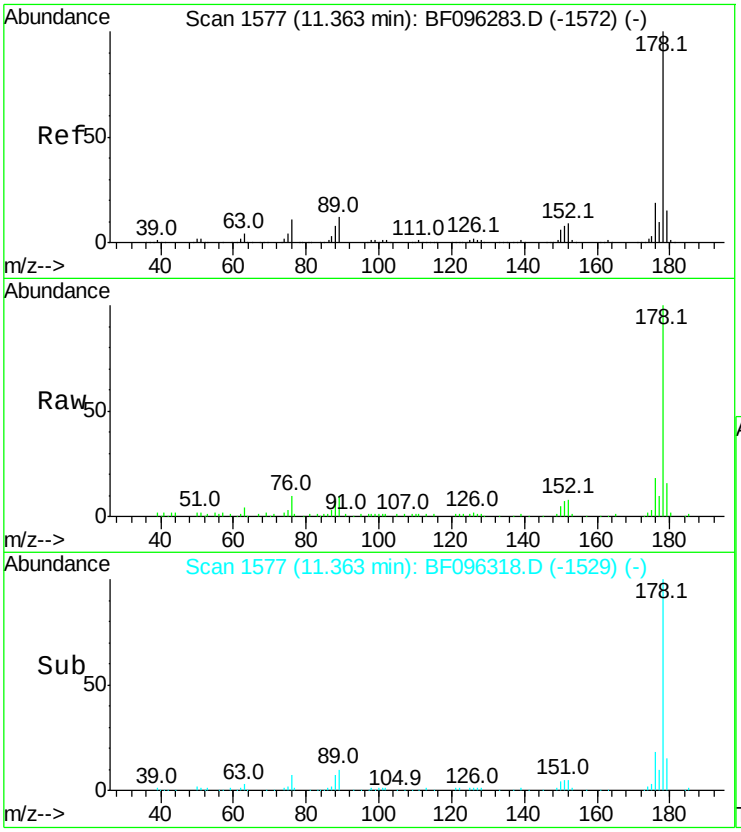


#70
Phenanthrene
Concen: 10.70 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:178 Resp: 287790

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	15.2	12.6	19.0



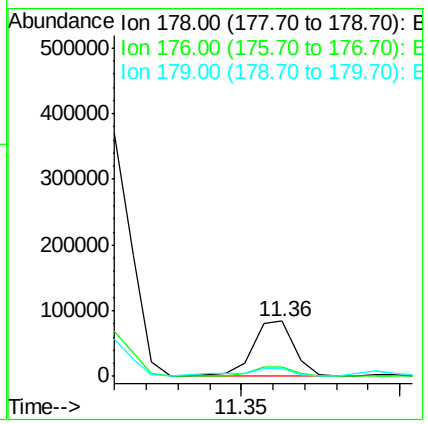


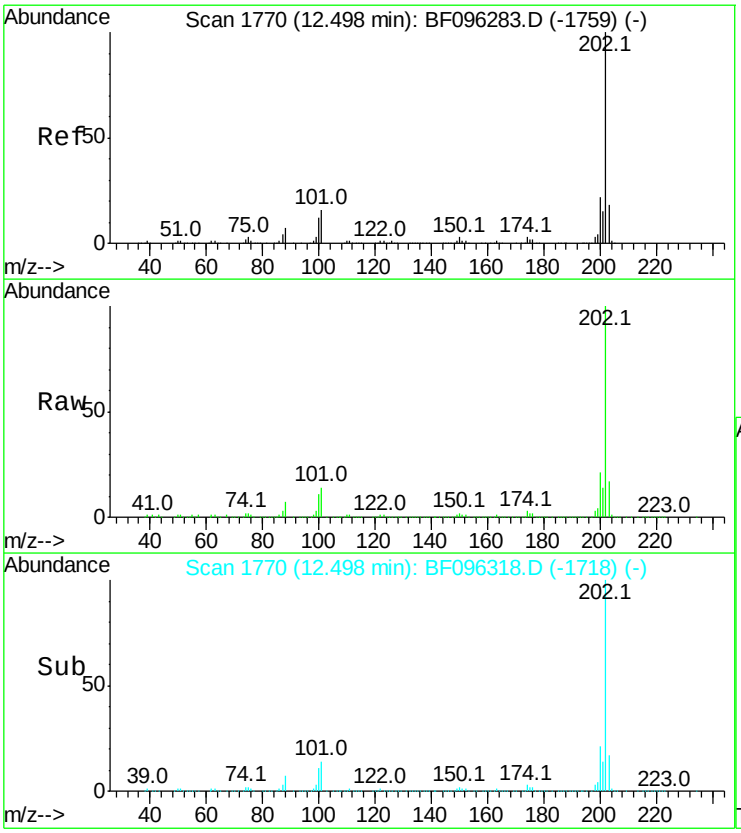
#71
Anthracene
Concen: 3.83 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 74191

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.8
179	15.8	12.7	19.1

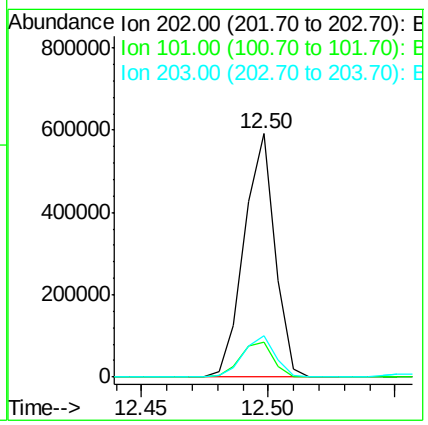


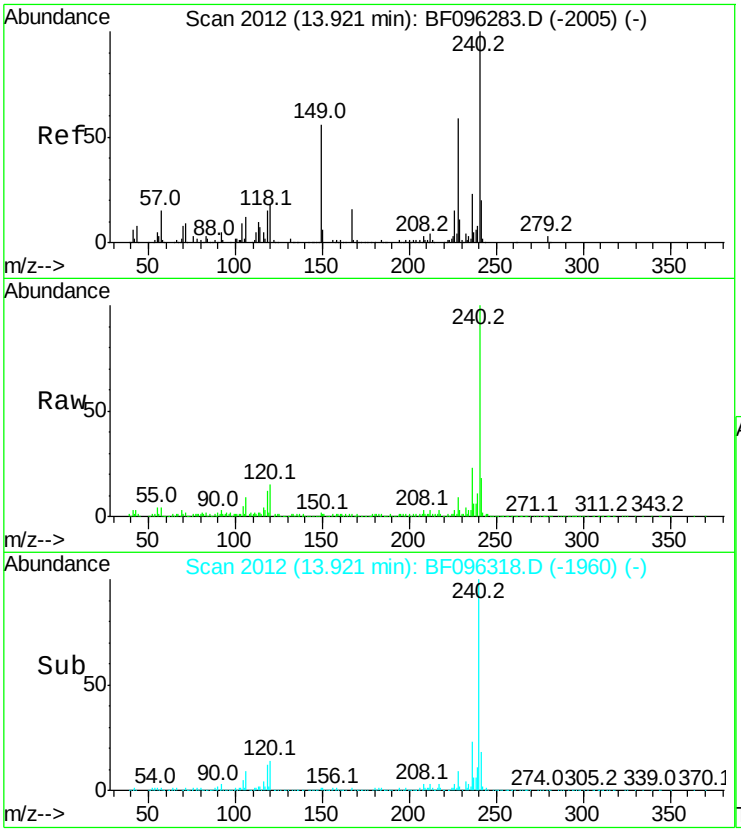


#74
Fluoranthene
Concen: 25.88 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:202 Resp: 498535

Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.1	0.0	38.1



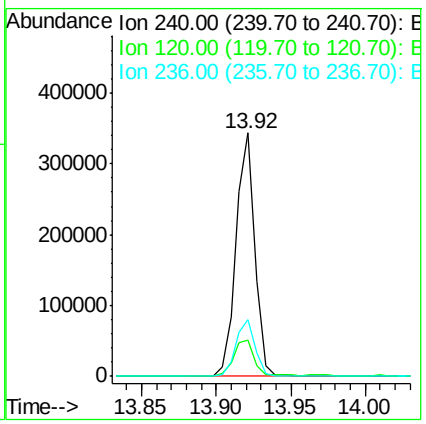


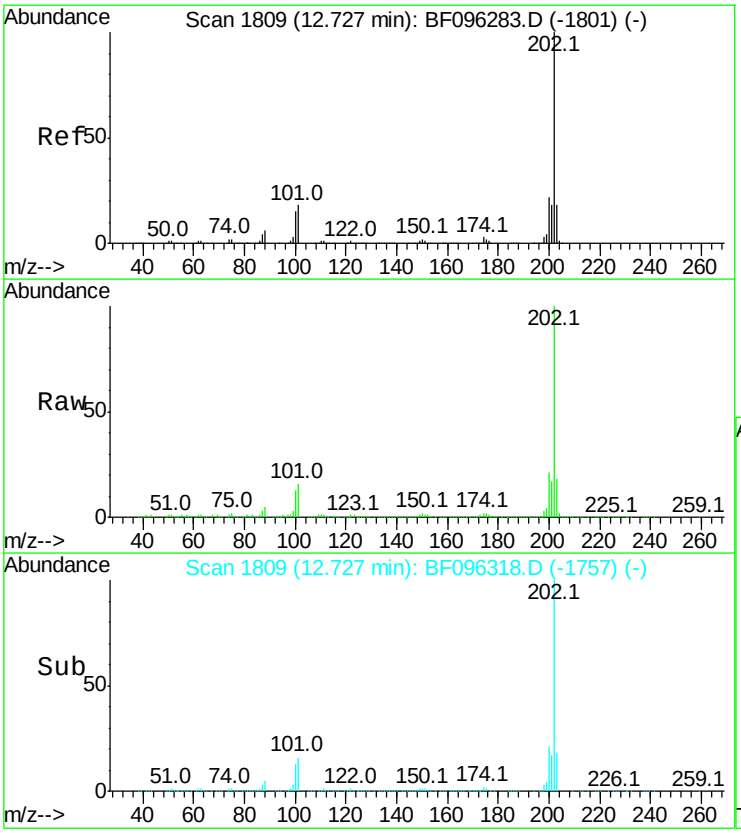
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 302777

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	23.4	20.5	30.7

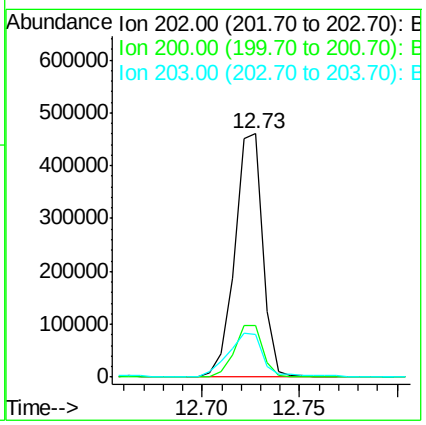


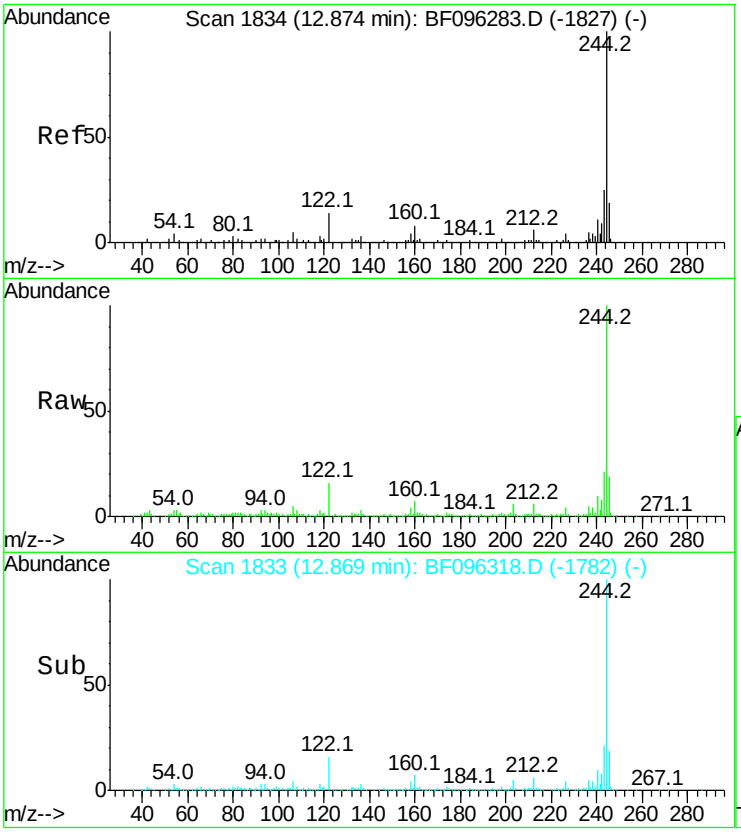


#77
Pyrene
Concen: 18.28 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:202 Resp: 454824

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.7	14.4	21.6



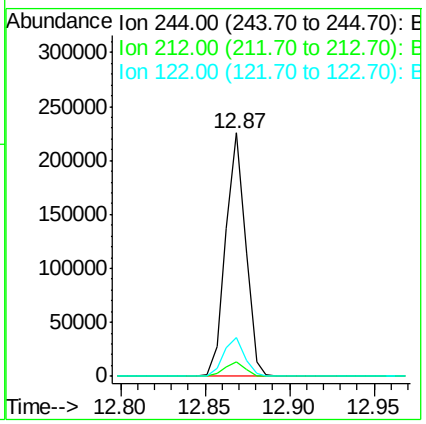


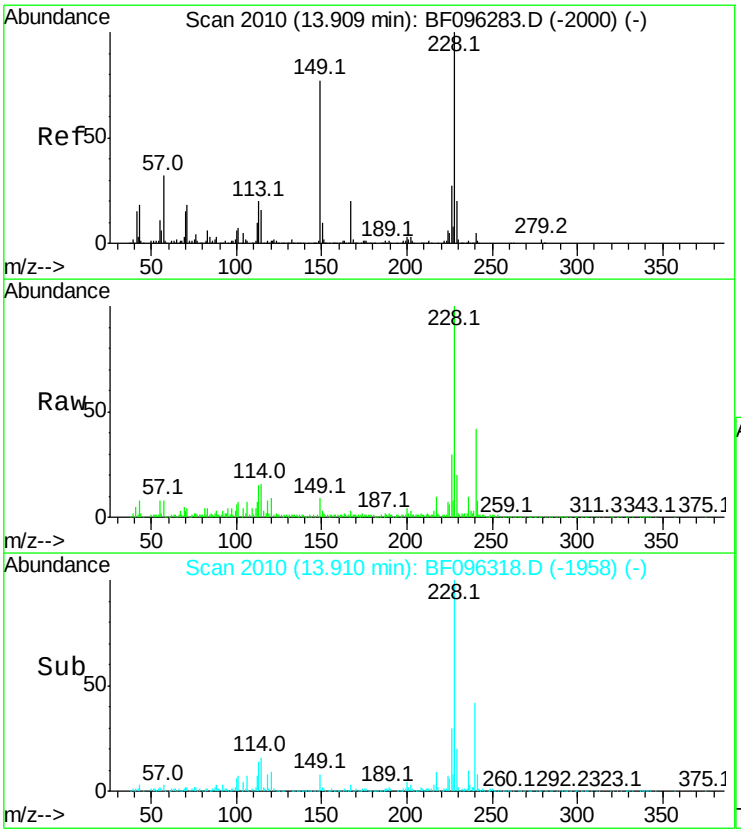
#78
Terphenyl-d14
Concen: 15.21 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 184618

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.0	9.0
122	15.8	10.3	15.5#

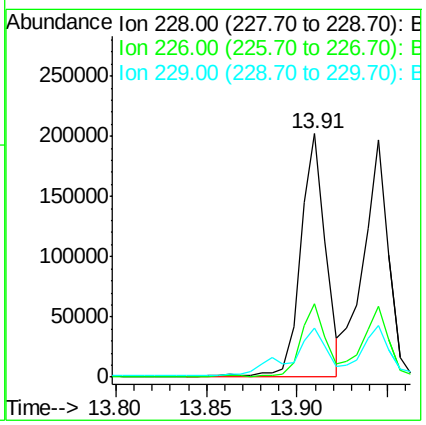


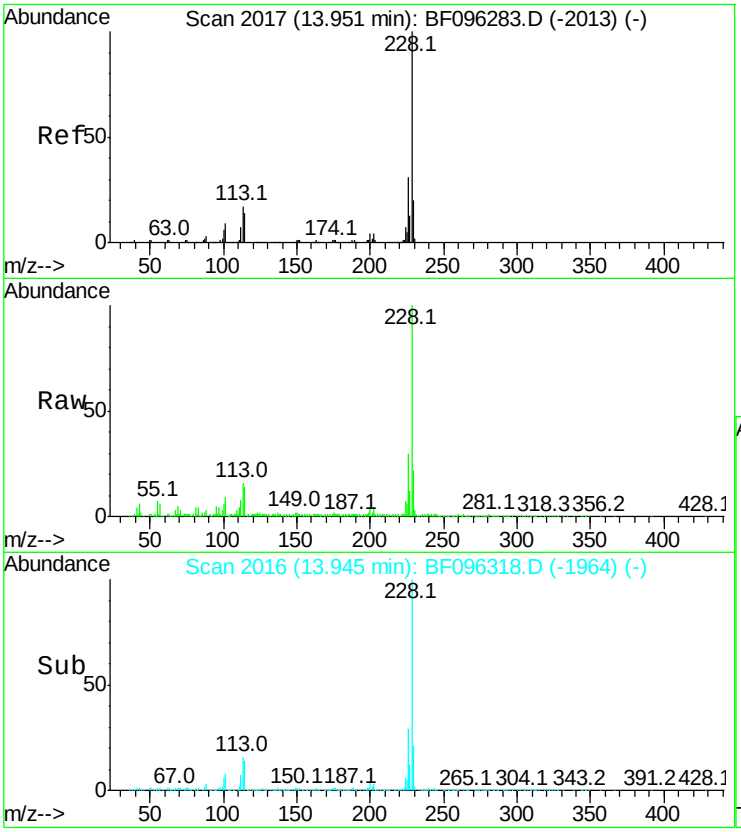


#80
Benzo(a)anthracene
Concen: 10.51 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:228 Resp: 193898

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	20.0	16.3	24.5



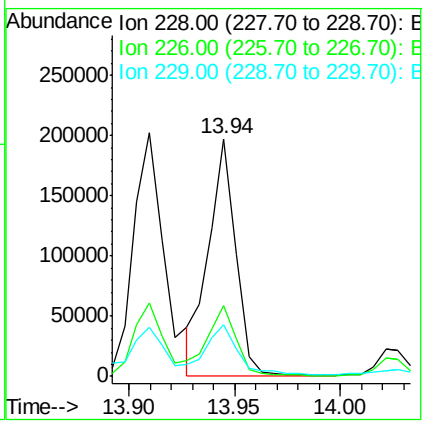


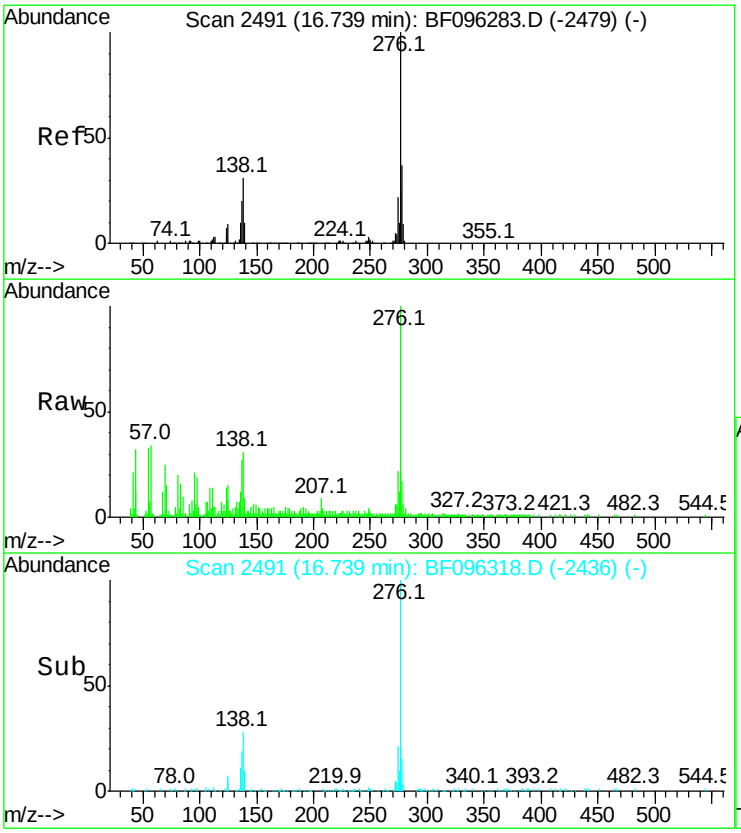
#82
Chrysene
Concen: 9.28 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 177224

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.5	15.8	23.6

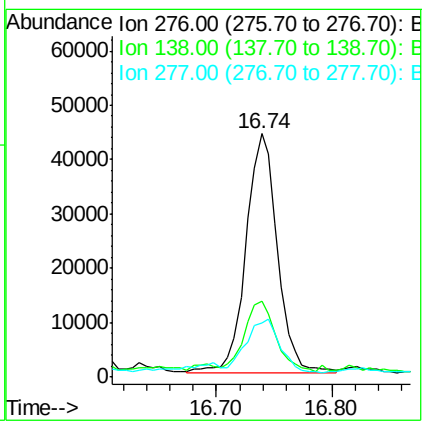


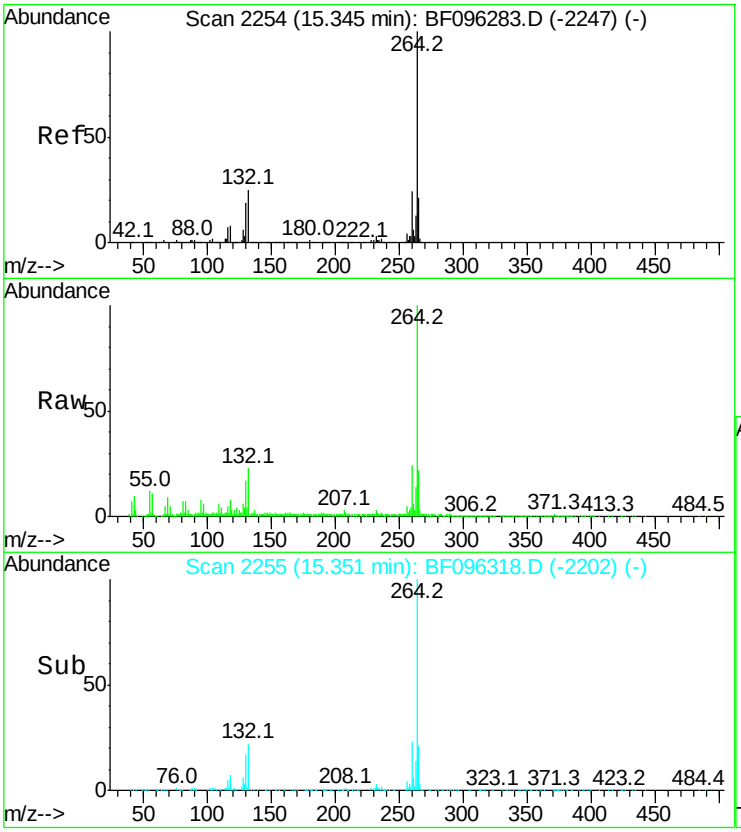


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.29 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:276 Resp: 83851

Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	23.4	20.2	30.4



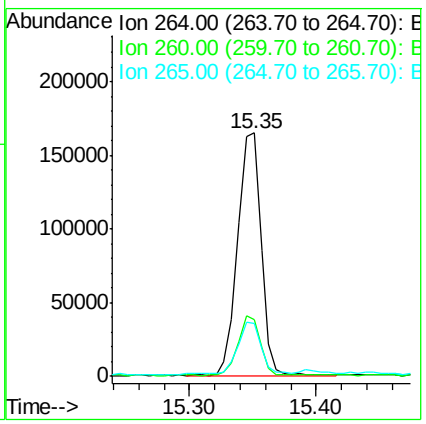


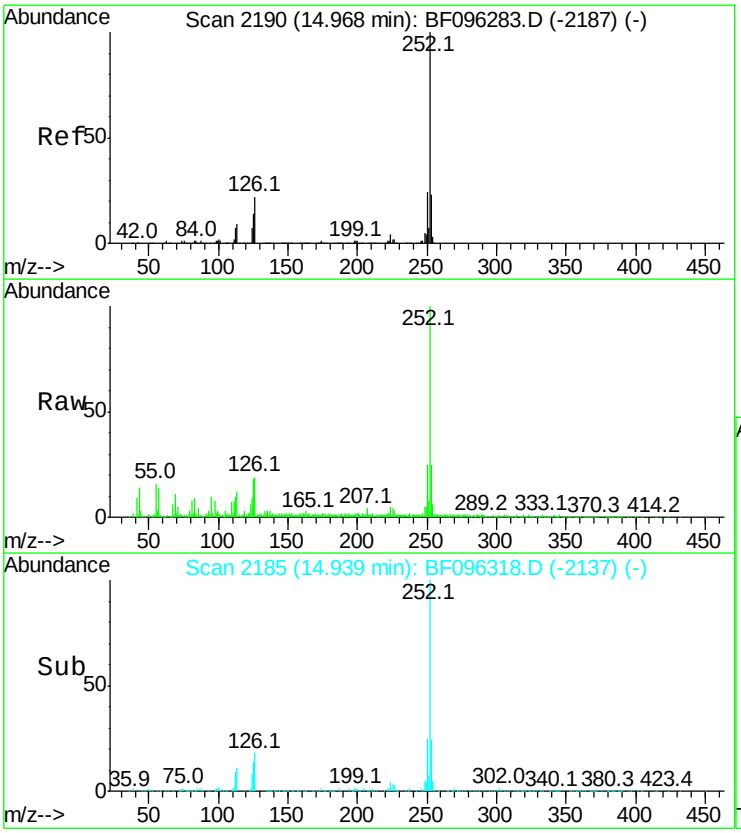
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 211976

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.6	17.2	25.8

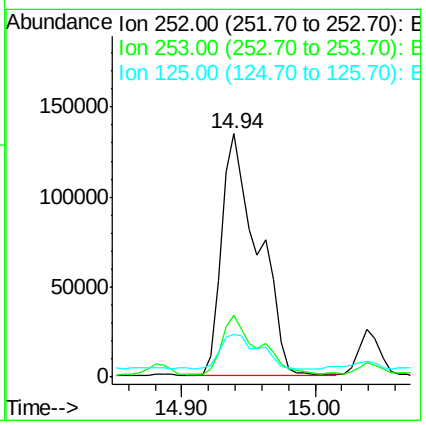


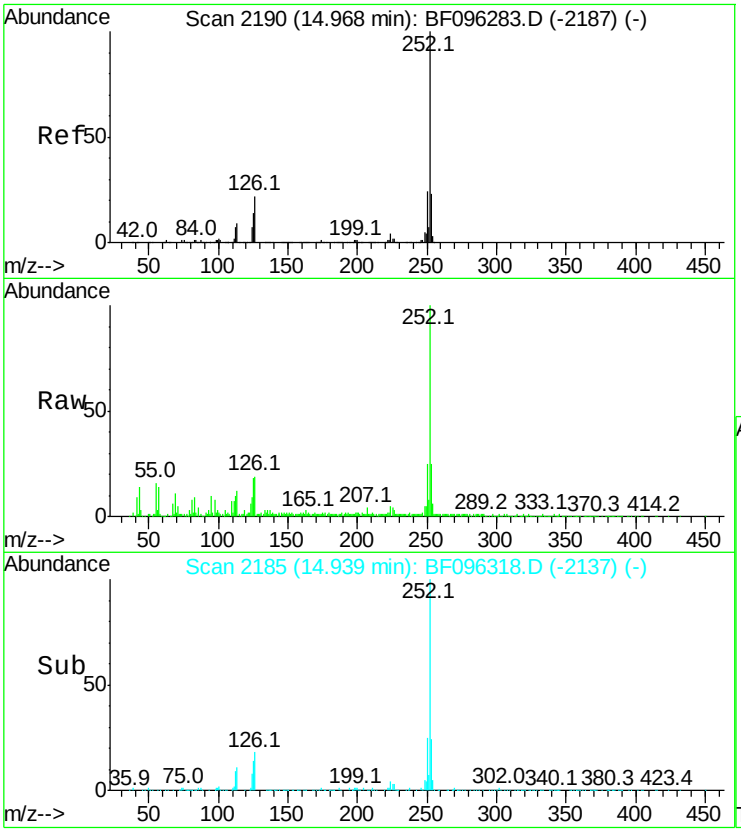


#87
Benzo(b)fluoranthene
Concen: 18.43 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:252 Resp: 256607

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	17.6	9.8	14.8#



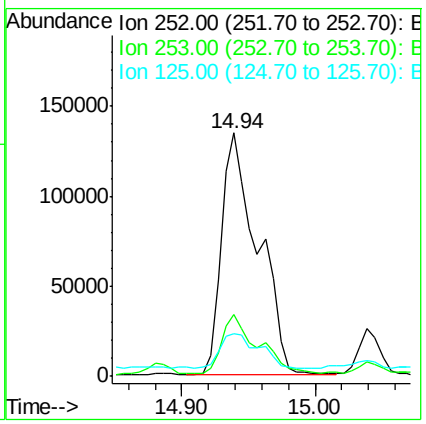


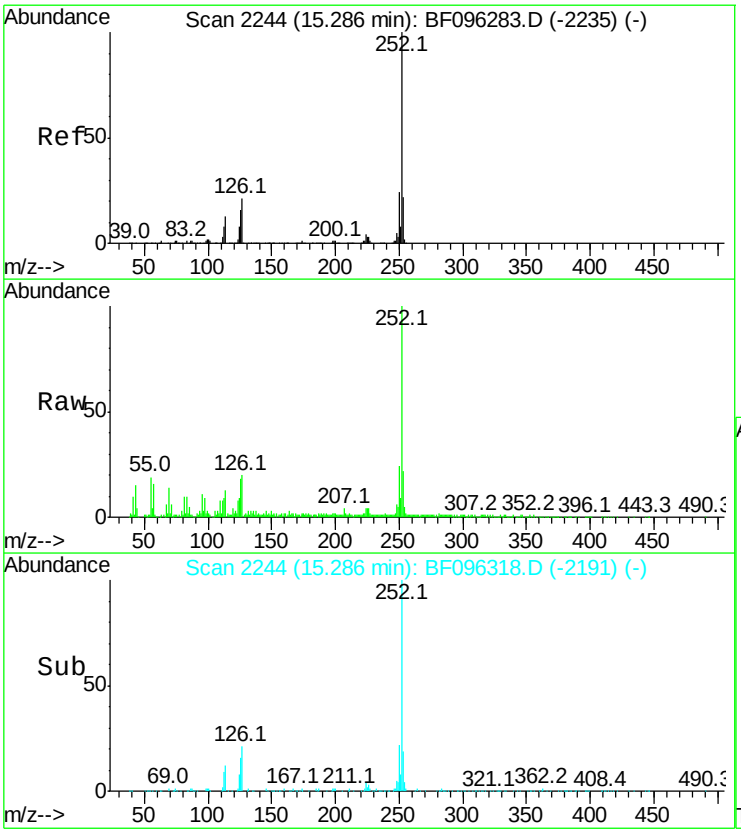
#88
Benzo(k)fluoranthene
Concen: 20.19 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 256607

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.4	27.6
125	17.6	13.1	19.7

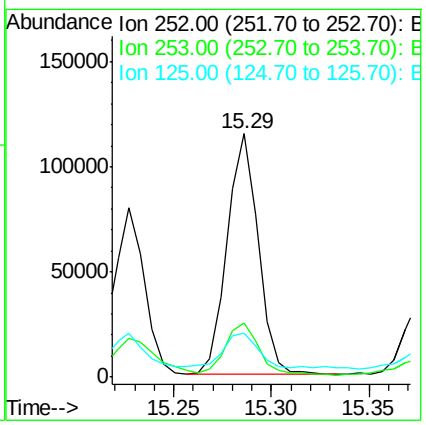


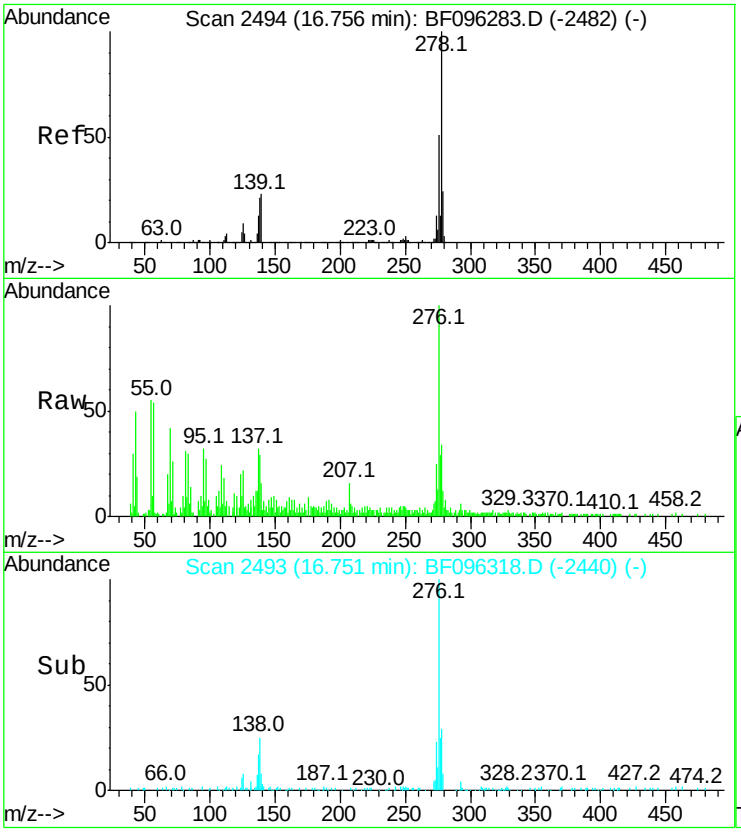


#89
Benzo(a)pyrene
Concen: 10.27 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:252 Resp: 126332

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	18.1	11.0	16.4#



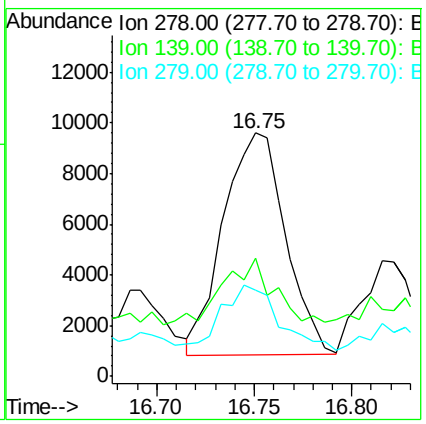


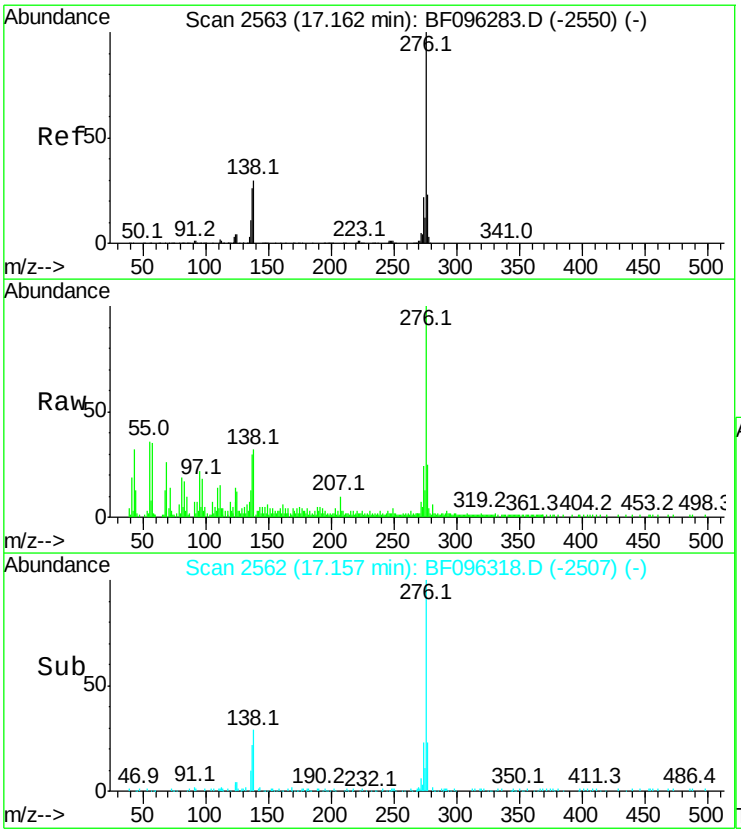
#90
Dibenzo(a,h)anthracene
Concen: 2.00 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 19282

Ion	Ratio	Lower	Upper
278	100		
139	58.3	16.6	24.8#
279	35.6	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 7.95 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.02 min
Lab File: BF096318.D
Acq: 30 Jun 2017 3:28

Tgt Ion:276 Resp: 79587

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	32.3	25.4	38.0