Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
Data File : BF096062.D
Acq On : 21 Jun 2017 00:32
Operator : SJ/MA
Sample : I3782-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 21 01:18:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	69531	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	264686	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	99063	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	156565	20.00	ng		0.00
75) Chrysene-d12	18.27	240	122536	20.00	ng		0.00
86) Perylene-d12	19.94	264	91171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	491685	112.68	ng		0.00
7) Phenol-d6	6.87	99	594881	113.88	ng		0.00
23) Nitrobenzene-d5	8.21	82	314202	73.72	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	87105	99.38	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	521900	73.31	ng		0.00
78) Terphenyl-d14	16.92	244	314553	63.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	4204	2.03	ng	#	21
19) n-Nitroso-di-n-propylamine	8.21	70	39323	11.88	ng	#	77
48) Acenaphthylene	11.92	152	41187	3.78	ng		96
49) Dimethylphthalate	11.80	163	120122	15.97	ng		99
55) 4-Nitrophenol	12.50	139	1743	6.10	ng	#	25
70) Phenanthrene	14.57	178	245760	27.21	ng		98
71) Anthracene	14.66	178	48057	5.10	ng		95
72) Carbazole	14.97	167	24747	2.69	ng		96
74) Fluoranthene	16.37	202	383850	42.93	ng		99
77) Pyrene	16.67	202	386557	42.28	ng		97
80) Benzo(a)anthracene	18.26	228	148887	20.90	ng		96
82) Chrysene	18.30	228	153180	21.52	ng		99
85) Indeno(1,2,3-cd)pyrene	21.10	276	55389	9.09	ng		95
87) Benzo(b)fluoranthene	19.54	252	191844	33.60	ng	#	95
88) Benzo(k)fluoranthene	19.54	252	191844	35.16	ng		99
89) Benzo(a)pyrene	19.89	252	100963	19.24	ng		98
90) Dibenzo(a,h)anthracene	21.10	278	22933	5.15	ng	#	78
91) Benzo(g,h,i)perylene	21.43	276	54288	11.96	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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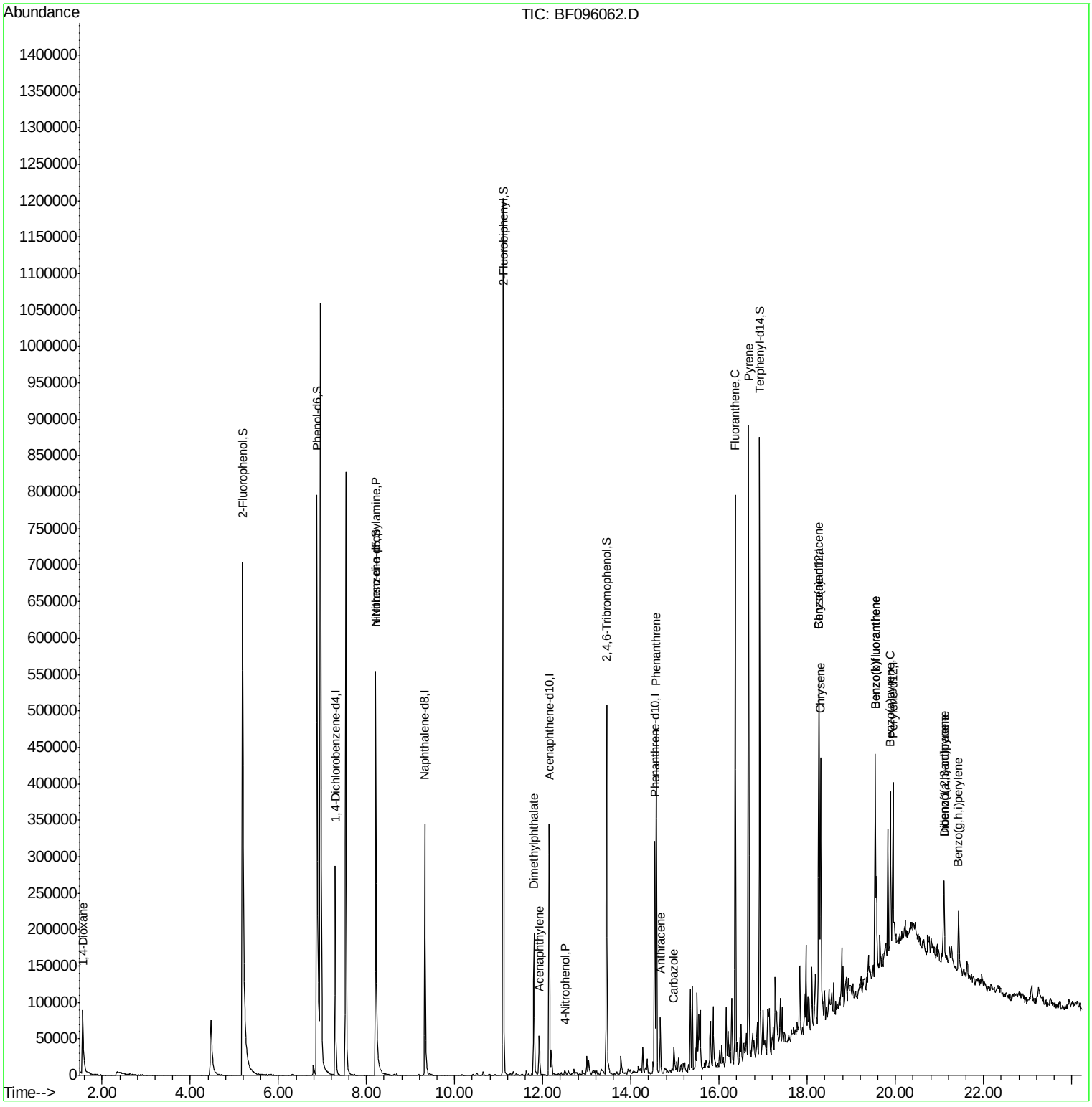
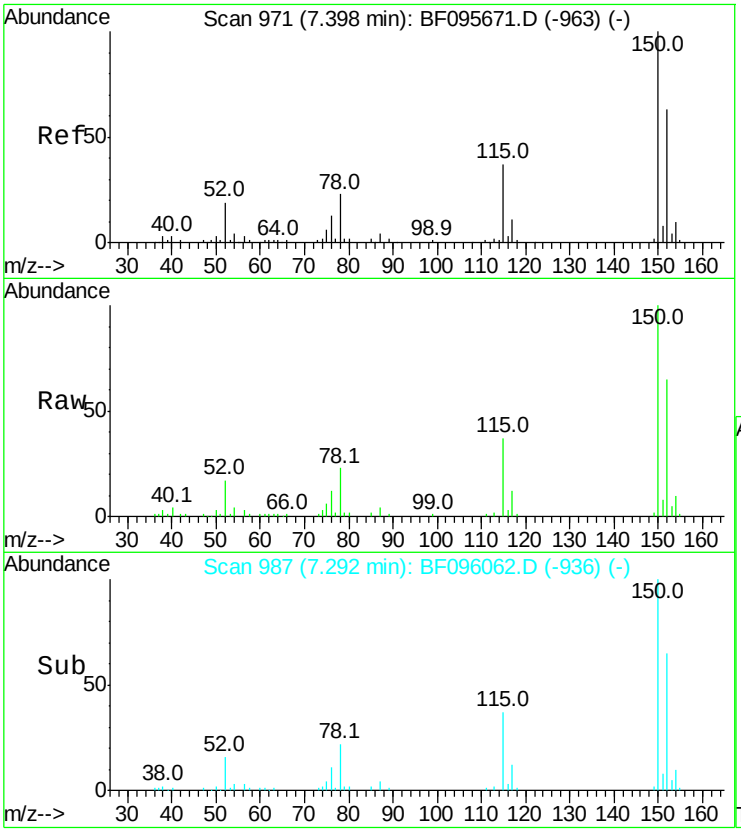


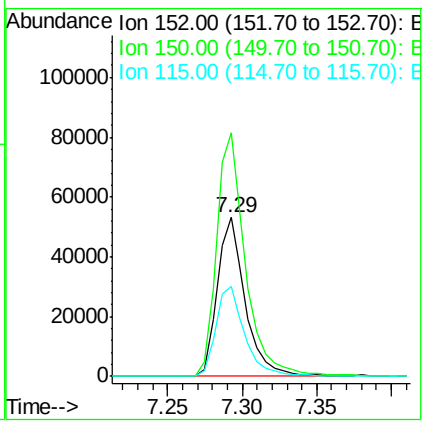


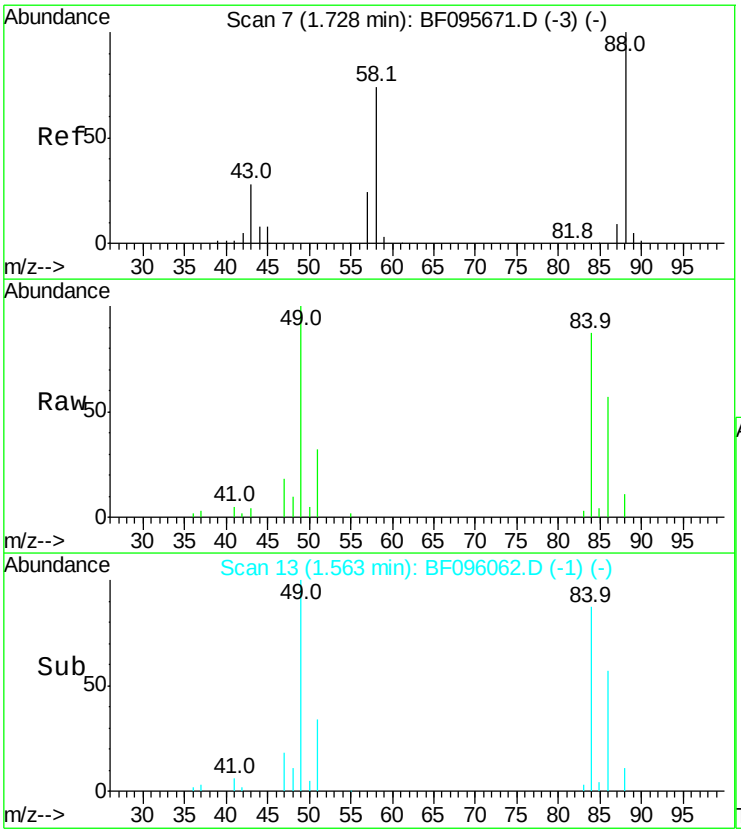
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 69531

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	57.0	52.2	78.2

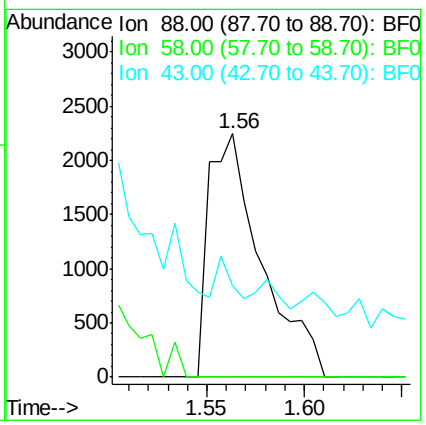


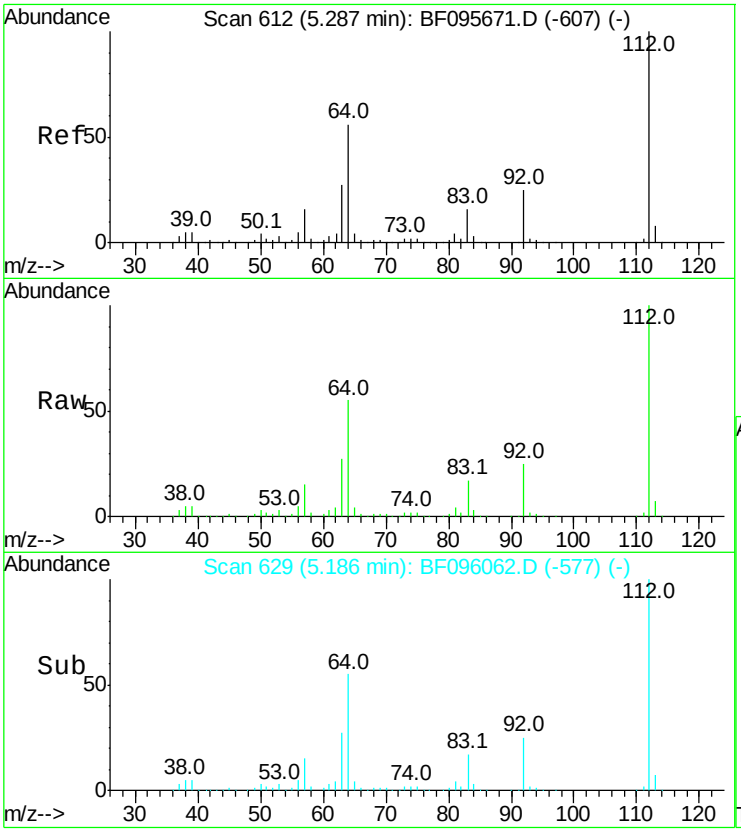


#2
1,4-Dioxane
Concen: 2.03 ng
RT: 1.56 min Scan# 13
Delta R.T. -0.05 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion: 88 Resp: 4204

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



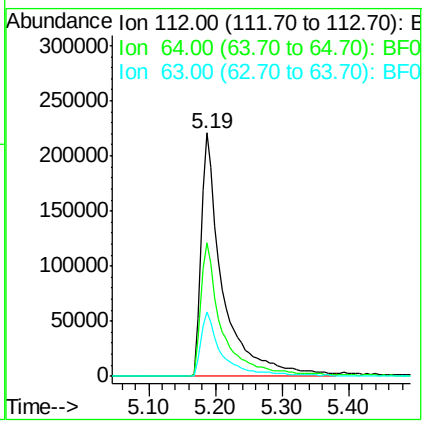


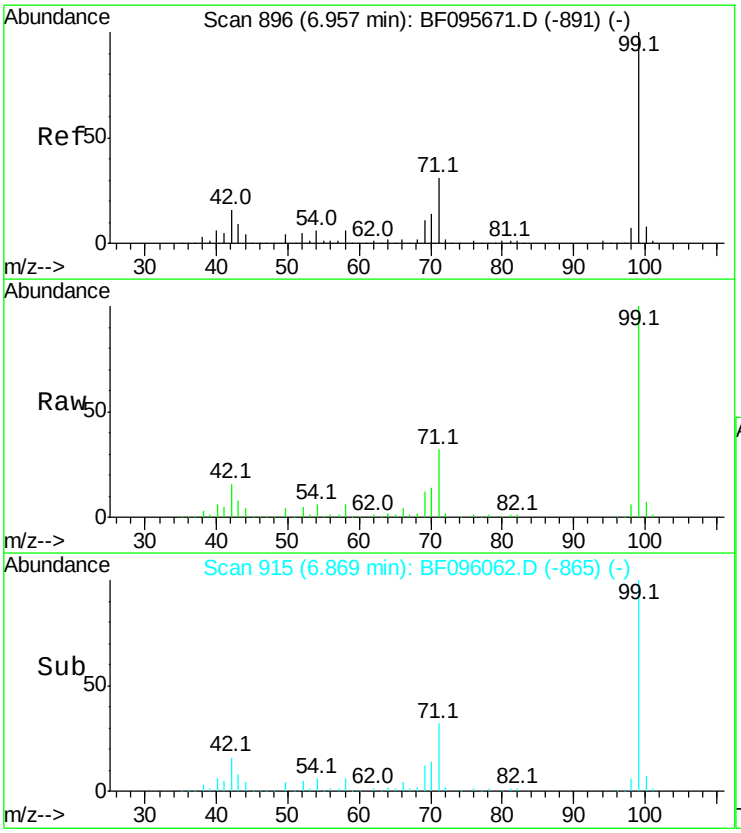
#5
2-Fluorophenol
Concen: 112.68 ng
RT: 5.19 min Scan# 629
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 491685

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.0	69.0
63	26.7	23.4	35.0

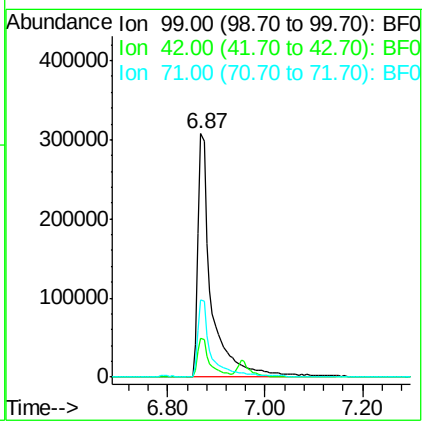


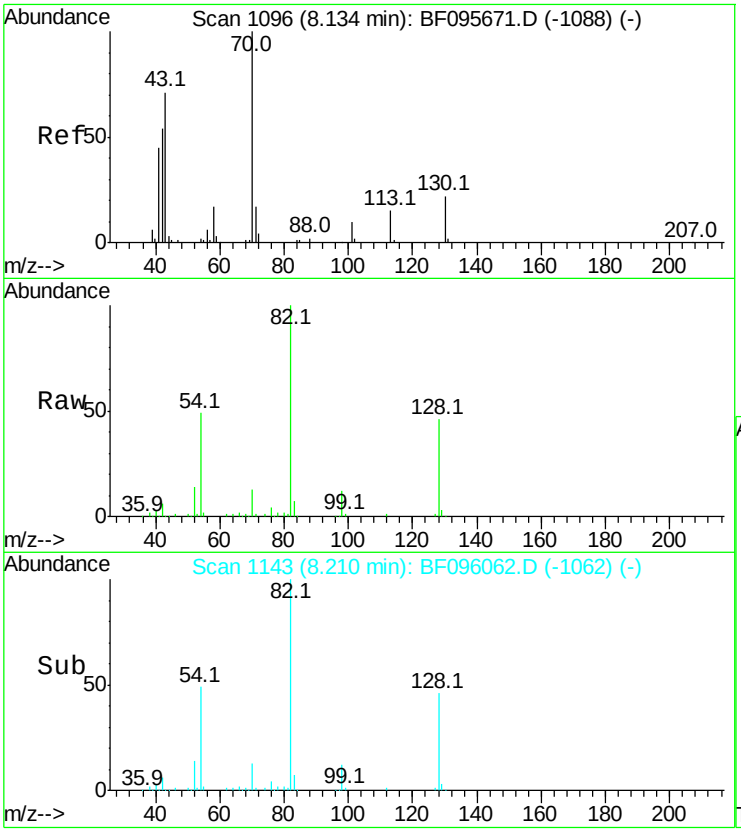


#7
Phenol-d6
Concen: 113.88 ng
RT: 6.87 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion: 99 Resp: 594881

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.5	24.5	36.7



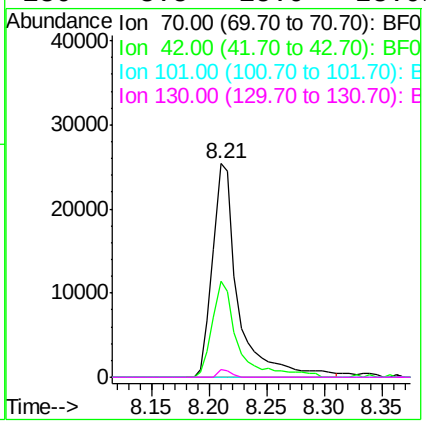


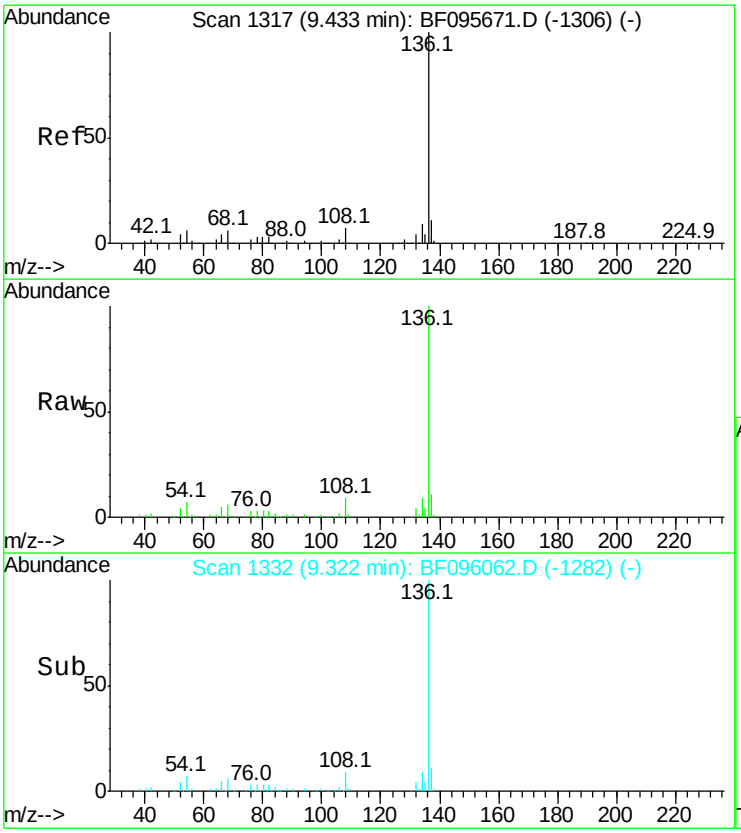
#19
n-Nitroso-di-n-propylamine
Concen: 11.88 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 39323

Ion	Ratio	Lower	Upper
70	100		
42	45.3	47.2	70.8#
101	0.0	7.2	10.8#
130	3.5	15.9	23.9#

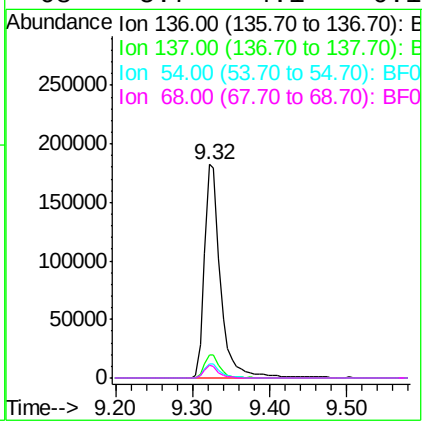


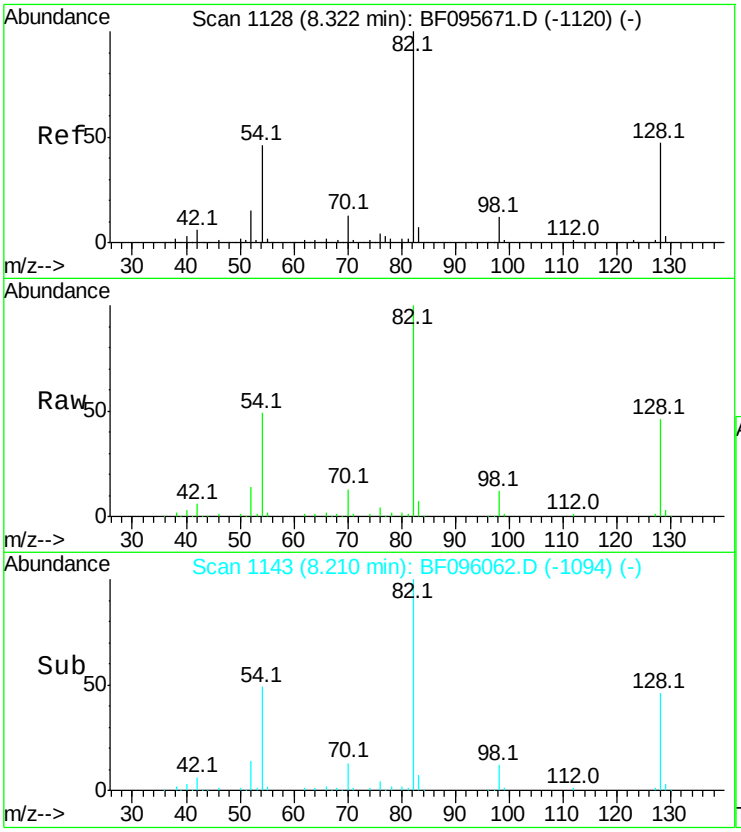


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:136 Resp: 264686

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.7	4.9	7.3
68	5.7	4.1	6.1



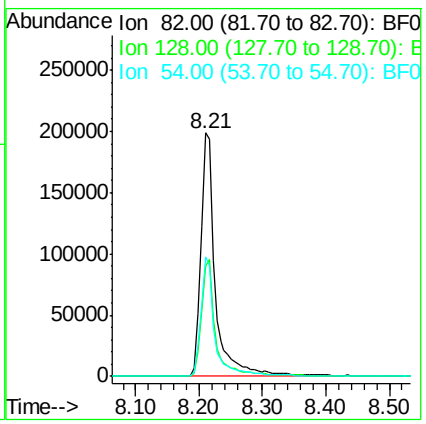


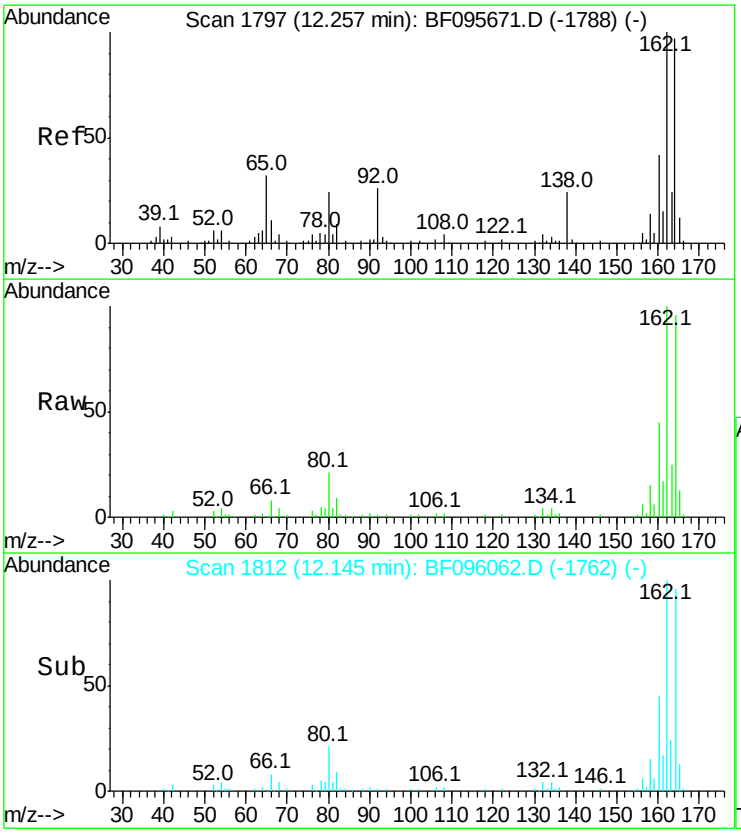
#23
Nitrobenzene-d5
Concen: 73.72 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 314202

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	48.9	42.2	63.2

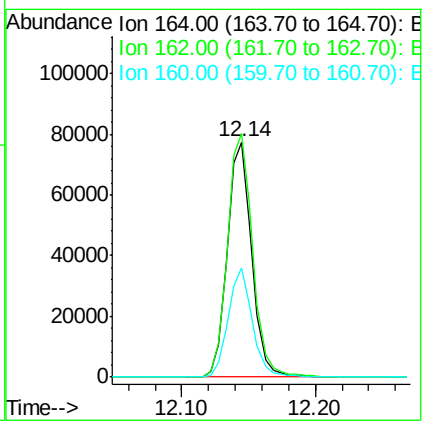


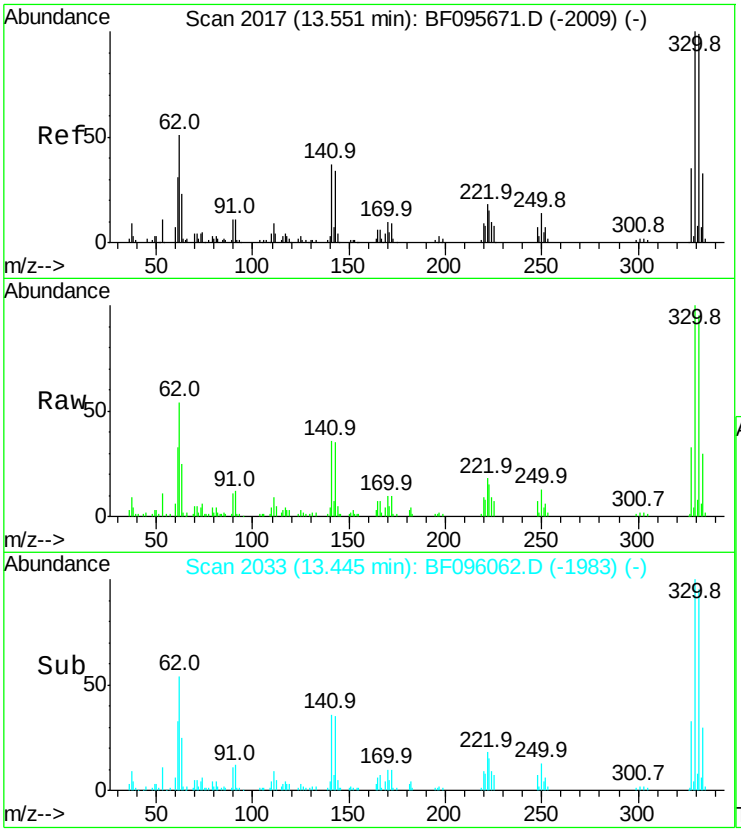


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:164 Resp: 99063

Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	46.3	36.2	54.2



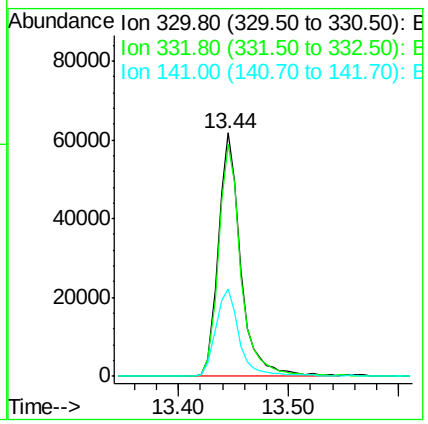


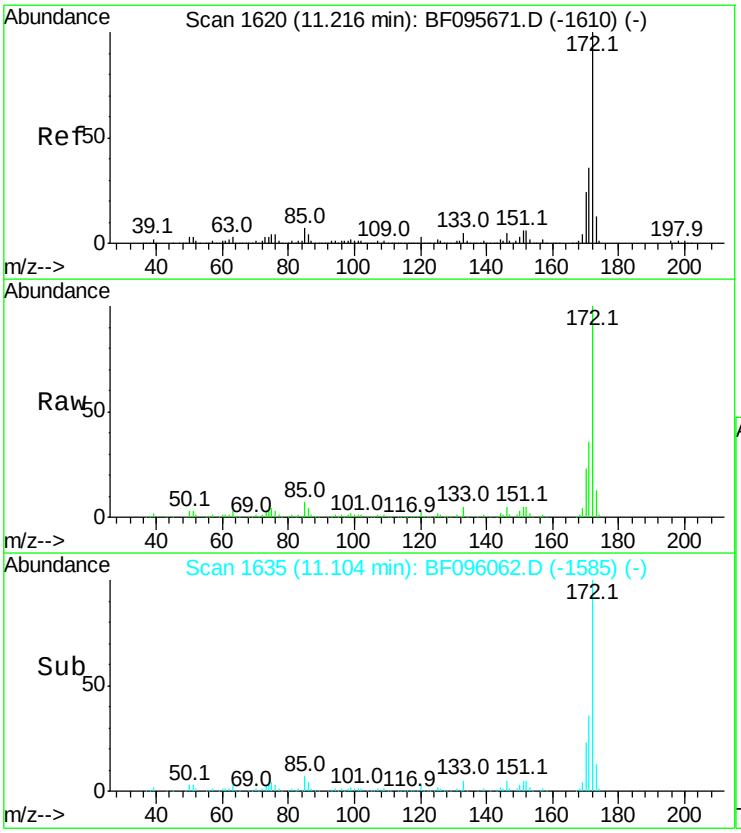
#41
2,4,6-Tribromophenol
Concen: 99.38 ng
RT: 13.44 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 87105

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.6	31.4	47.2

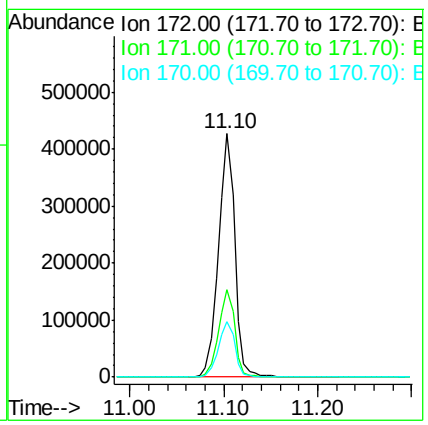


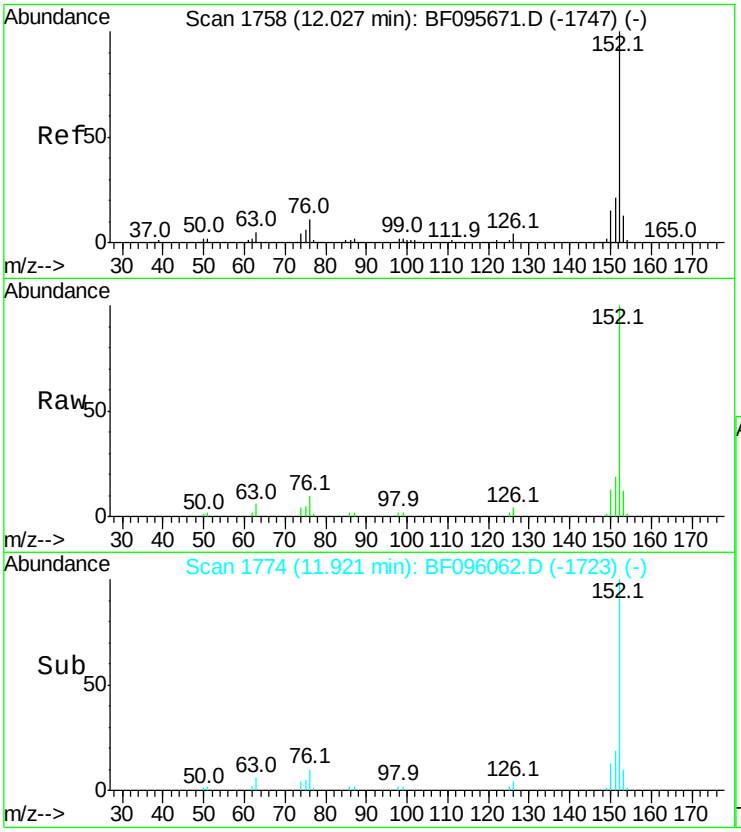


#44
2-Fluorobiphenyl
Concen: 73.31 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:172 Resp: 521900

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	22.9	19.8	29.8



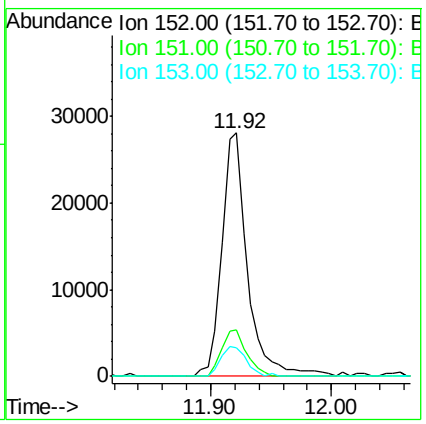


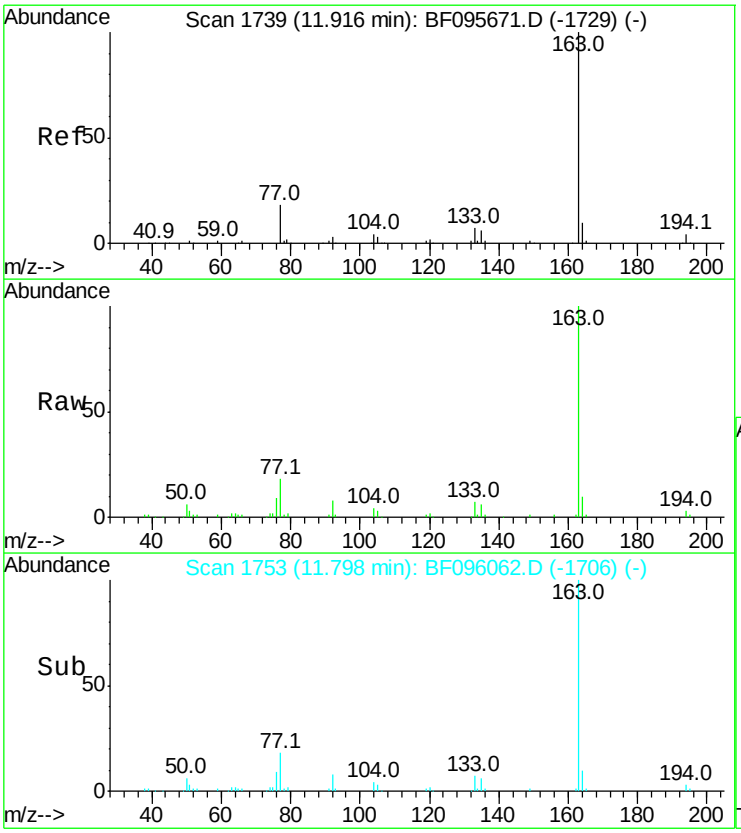
#48
Acenaphthylene
Concen: 3.78 ng
RT: 11.92 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41187

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.8	25.2
153	11.8	10.8	16.2

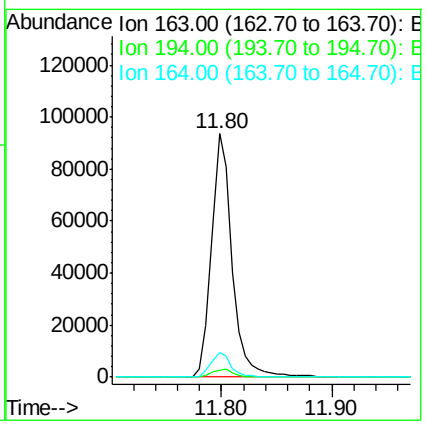


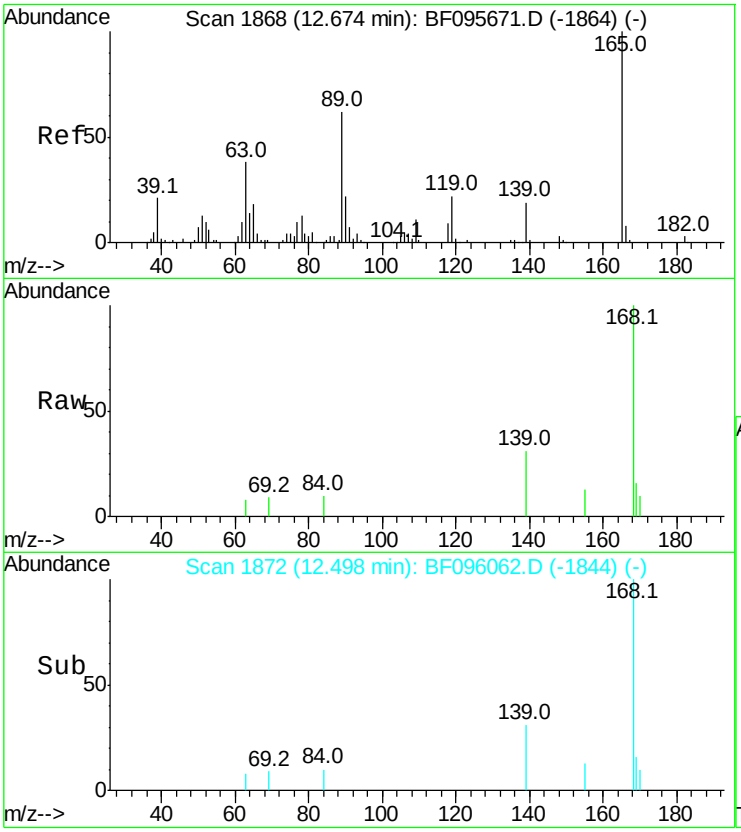


#49
Dimethylphthalate
Concen: 15.97 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:163 Resp: 120122

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.3	8.4	12.6



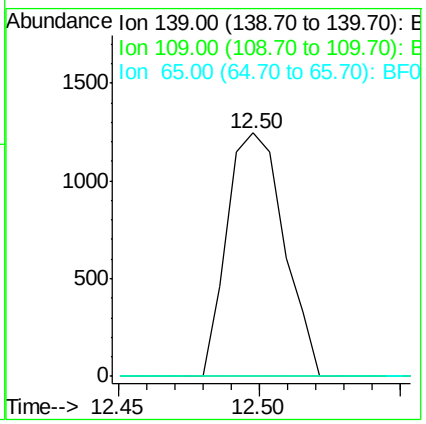


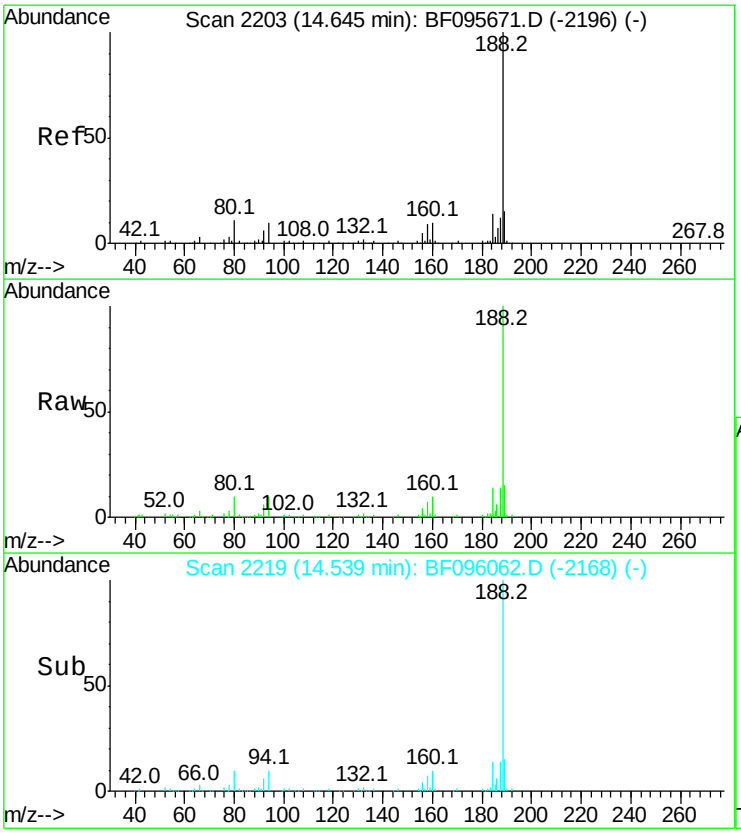
#55
4-Nitrophenol
Concen: 6.10 ng
RT: 12.50 min Scan# 1872
Delta R.T. -0.14 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1743

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

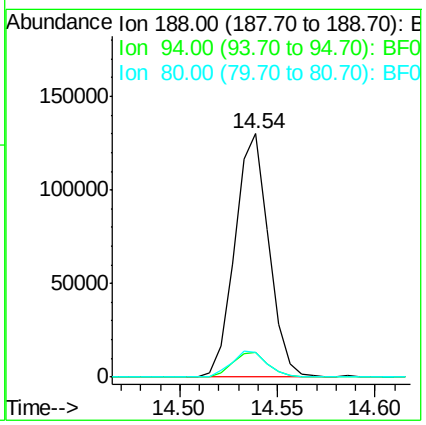


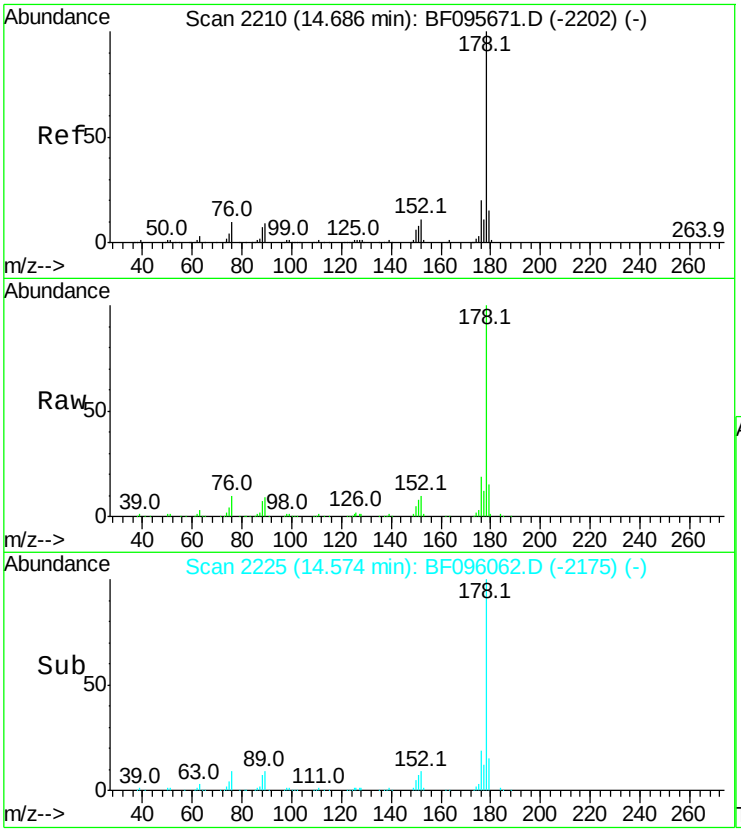


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:188 Resp: 156565

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.0	10.2	15.2#



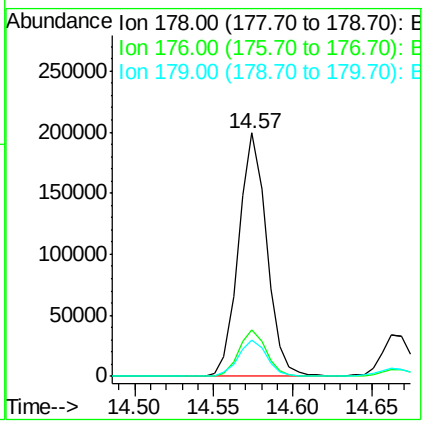


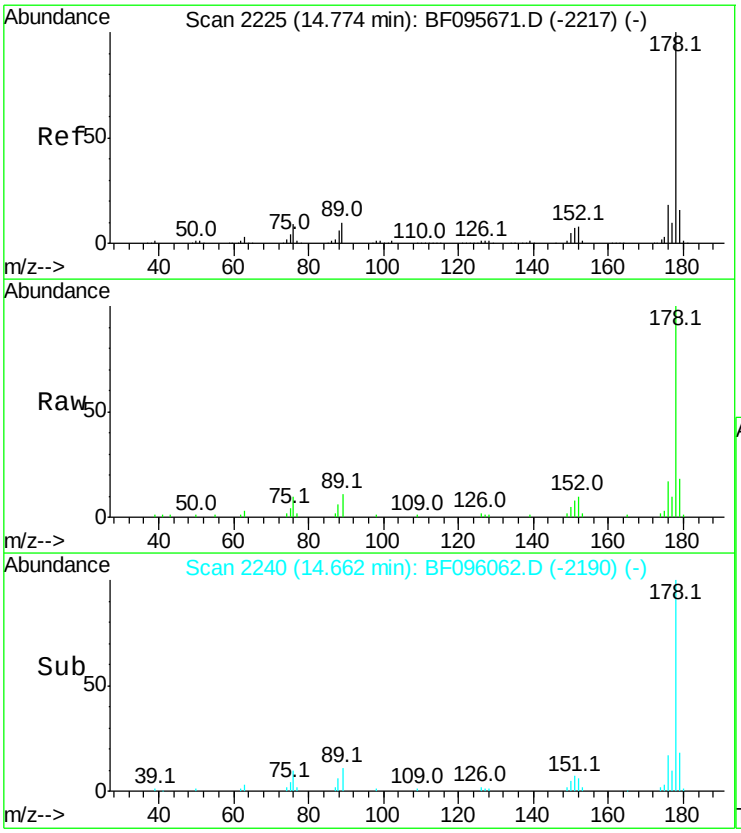
#70
Phenanthrene
Concen: 27.21 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 245760

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	14.9	12.6	19.0

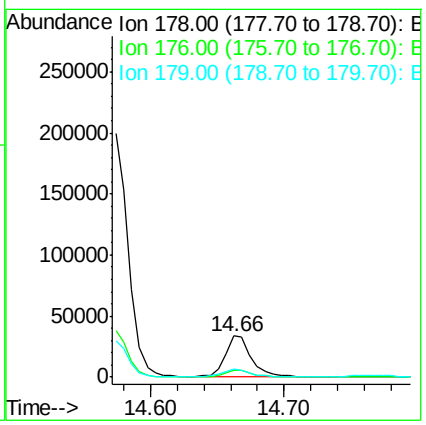


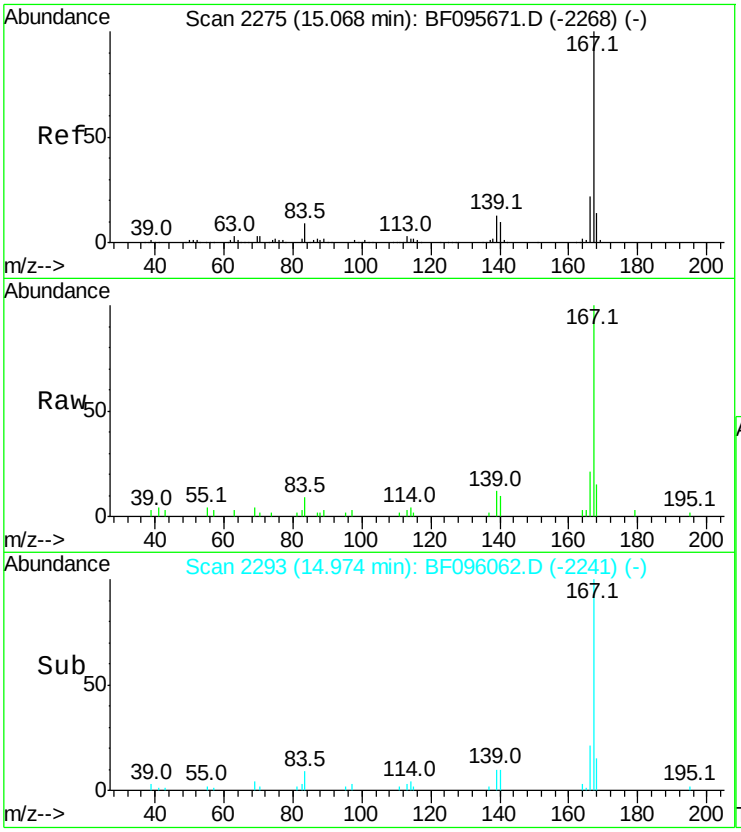


#71
Anthracene
Concen: 5.10 ng
RT: 14.66 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:178 Resp: 48057

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.8
179	18.2	12.7	19.1



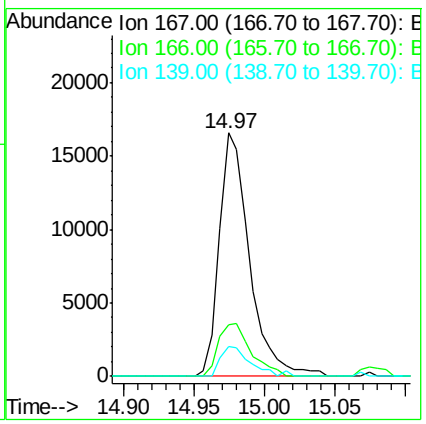


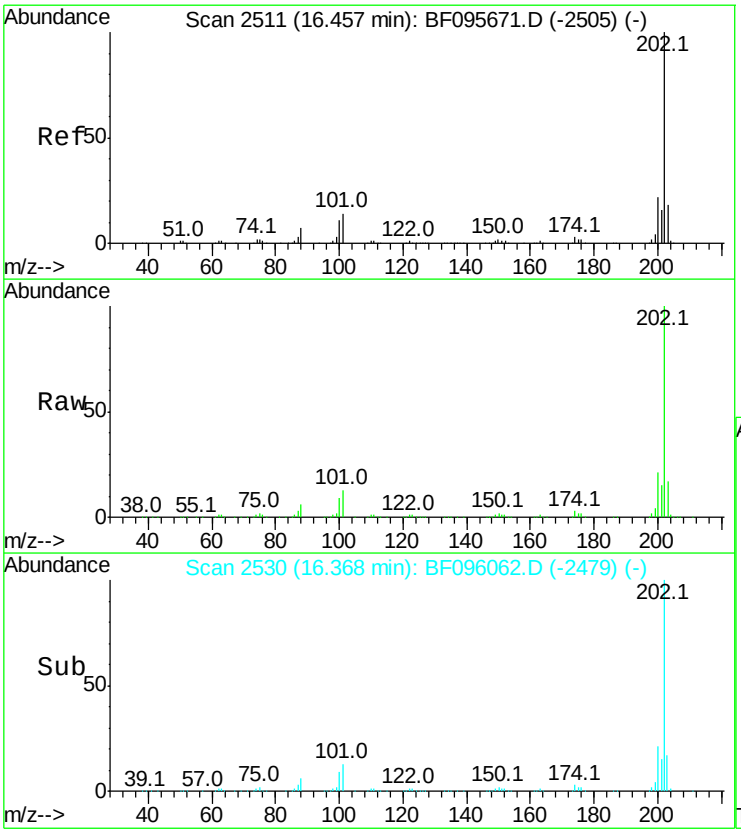
#72
Carbazole
Concen: 2.69 ng
RT: 14.97 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 24747

Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.3	11.7	17.5

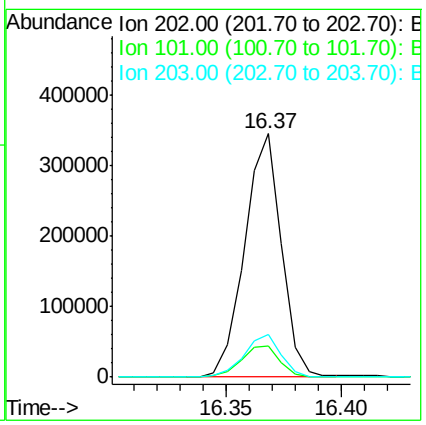


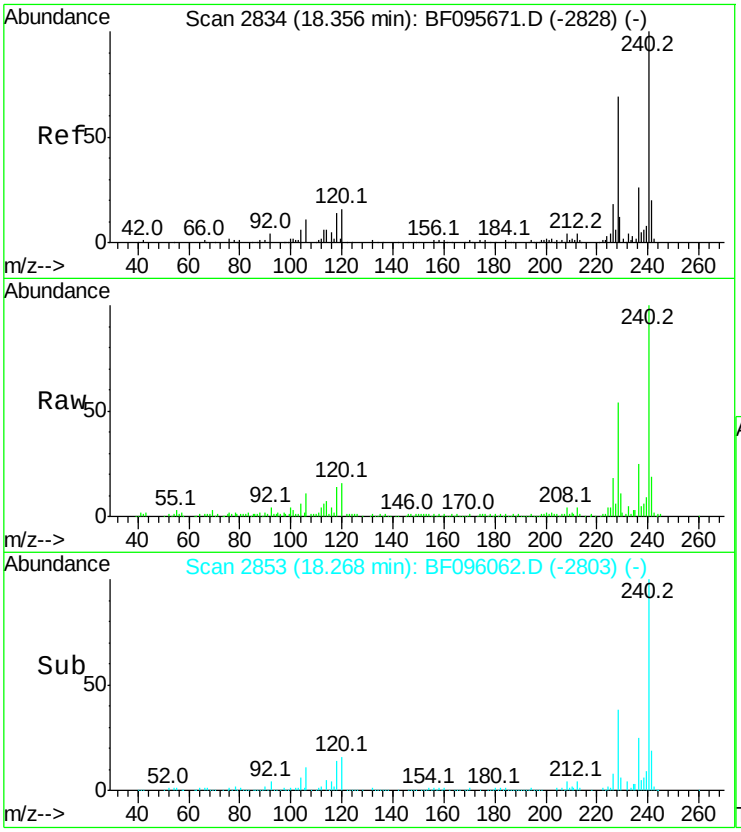


#74
Fluoranthene
Concen: 42.93 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:202 Resp: 383850

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1



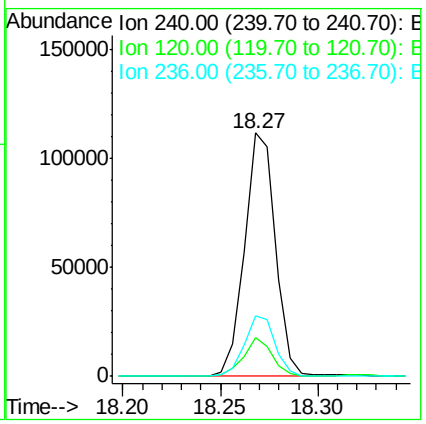


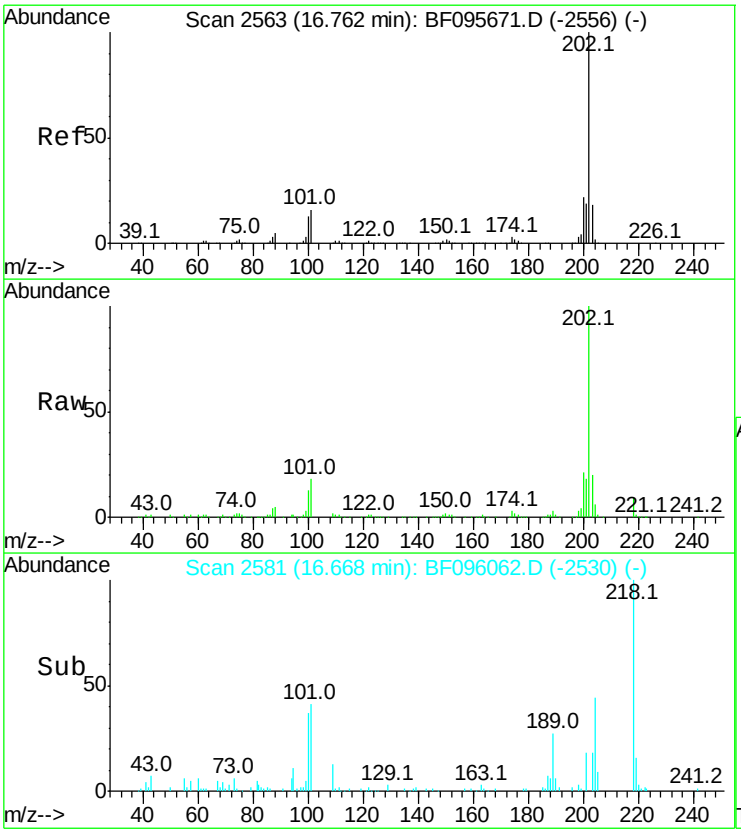
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 122536

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	25.1	20.5	30.7

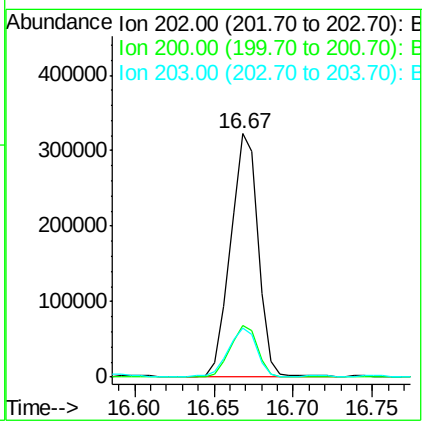


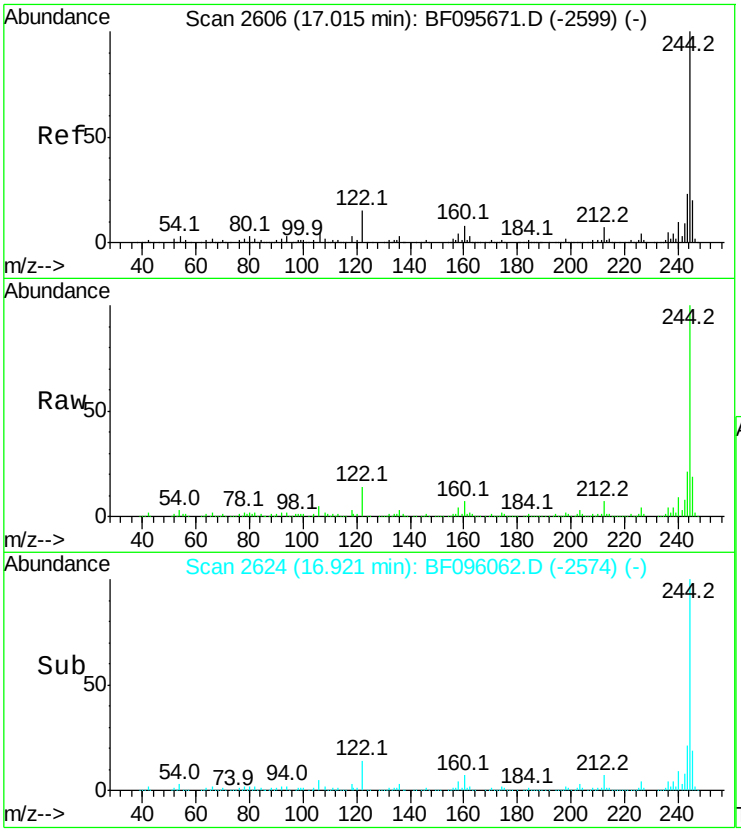


#77
Pyrene
Concen: 42.28 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:202 Resp: 386557

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	20.2	14.4	21.6



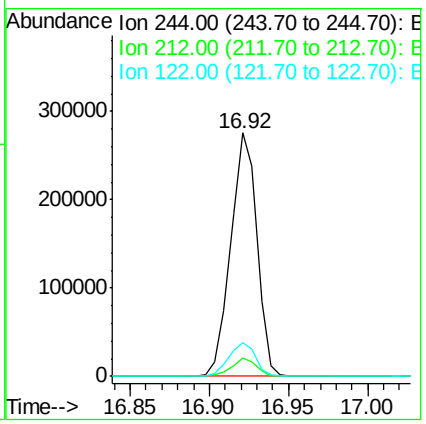


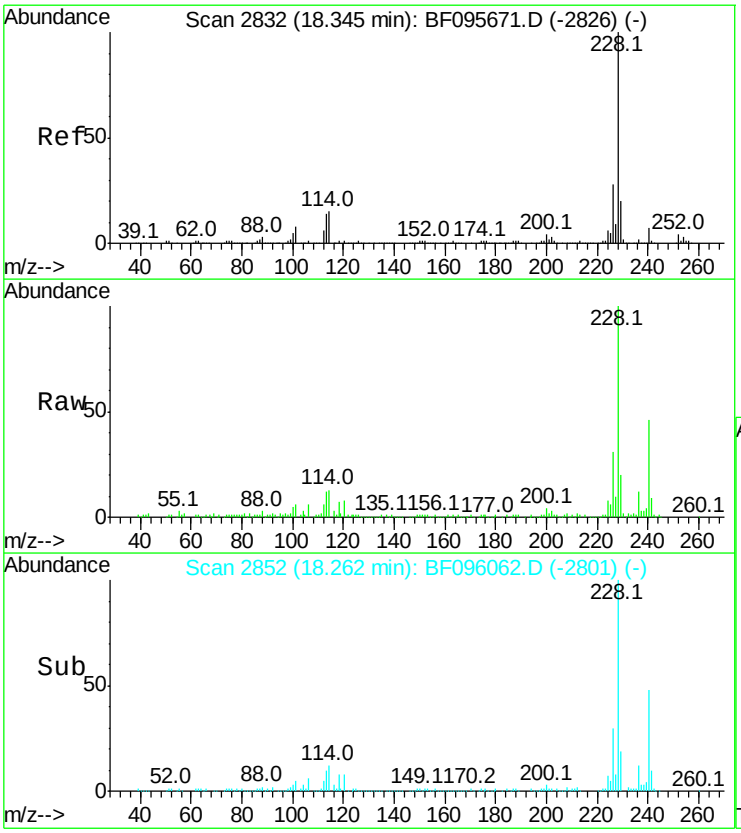
#78
Terphenyl-d14
Concen: 63.71 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 314553

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.9	10.3	15.5

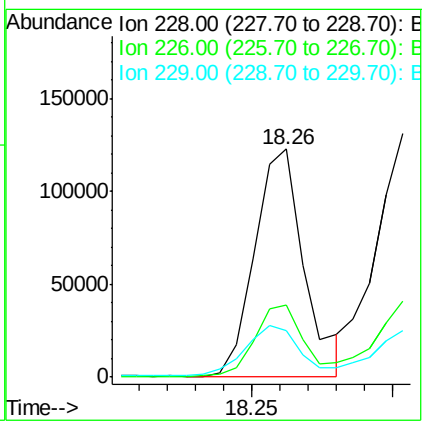


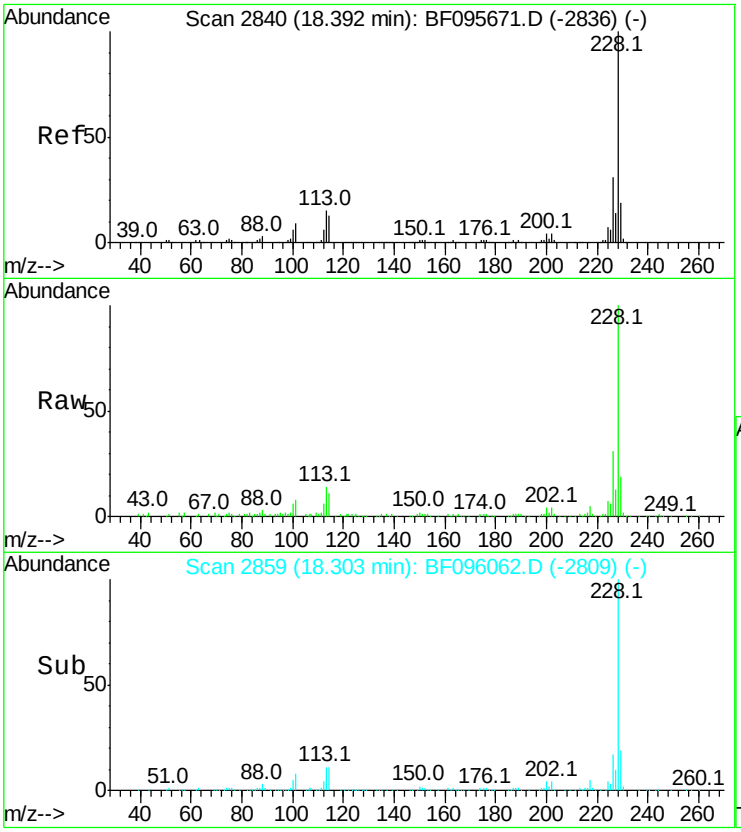


#80
Benzo(a)anthracene
Concen: 20.90 ng
RT: 18.26 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:228 Resp: 148887

Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	20.2	16.3	24.5



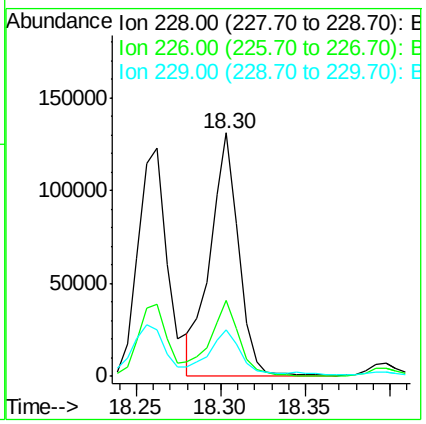


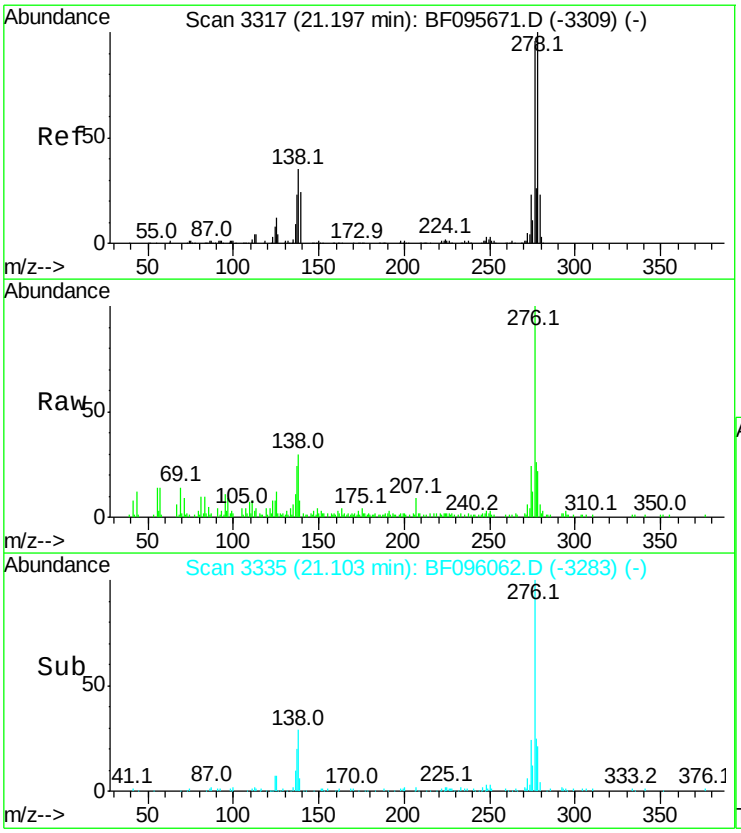
#82
Chrysene
Concen: 21.52 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 153180

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.3	15.8	23.6

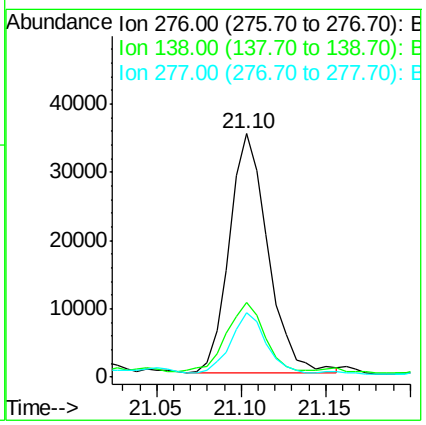


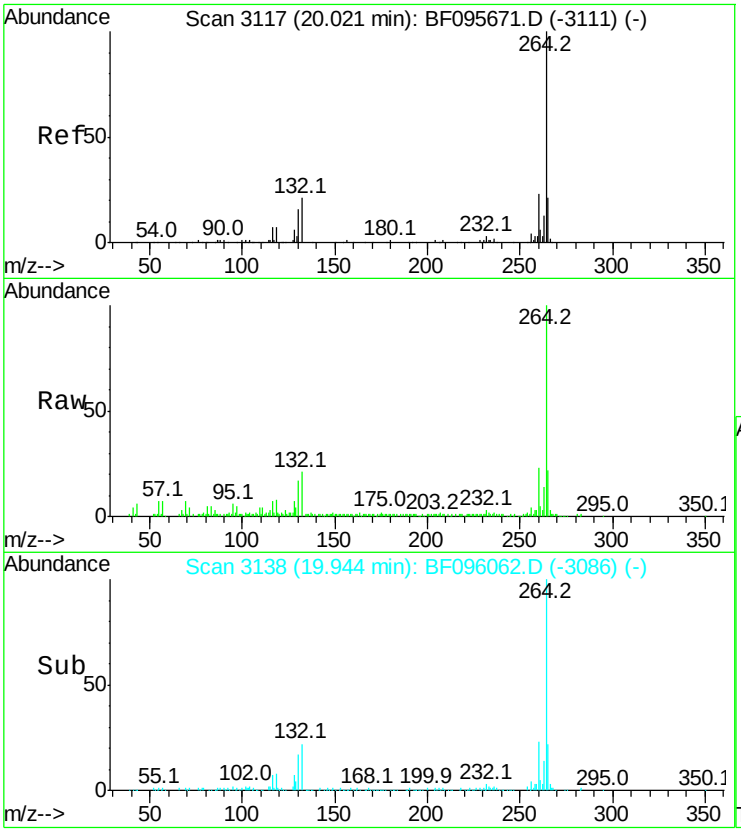


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.09 ng
RT: 21.10 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:276 Resp: 55389

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	24.0	20.2	30.4



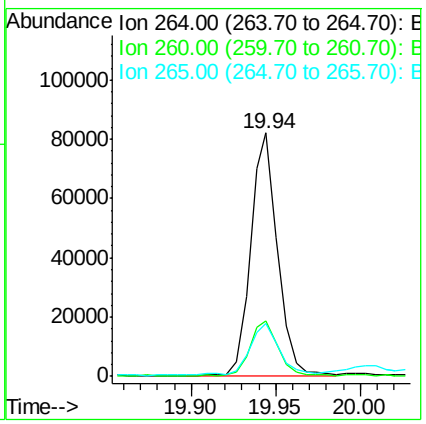


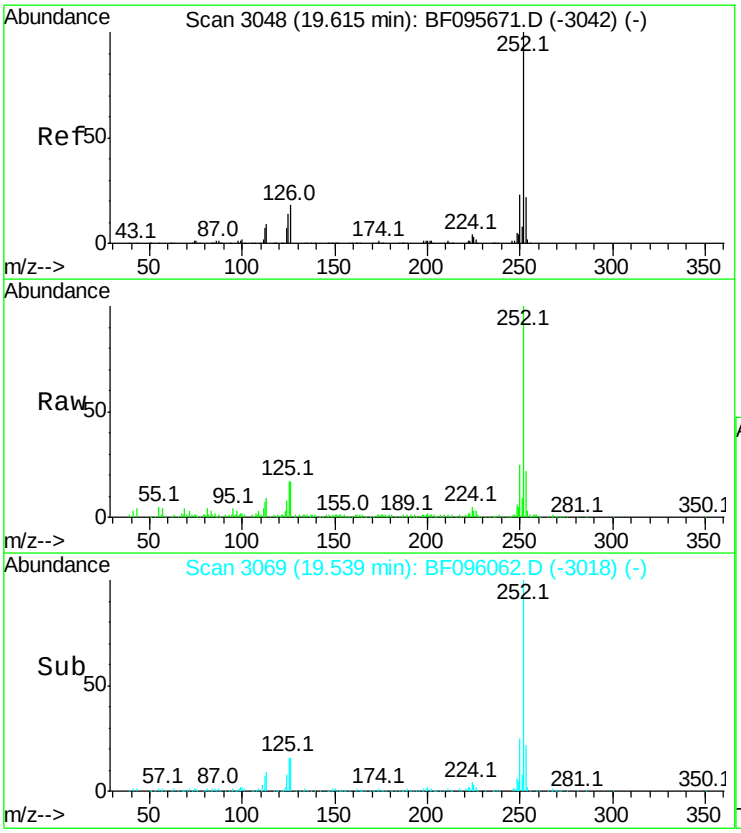
#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 91171

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.7	17.2	25.8

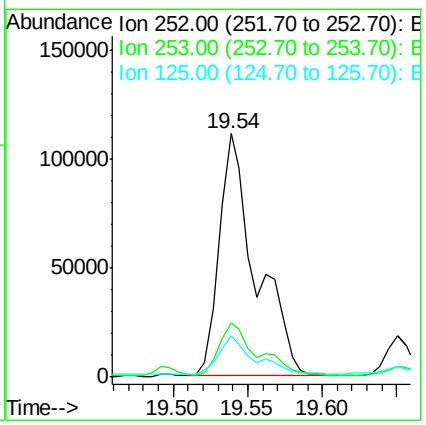


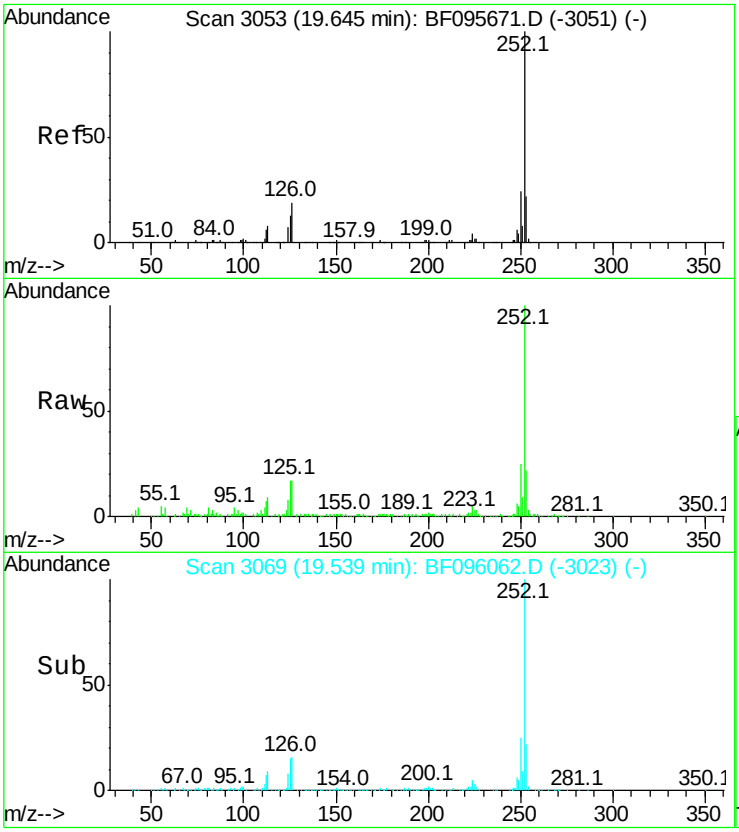


#87
Benzo(b)fluoranthene
Concen: 33.60 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:252 Resp: 191844

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	16.8	9.8	14.8#



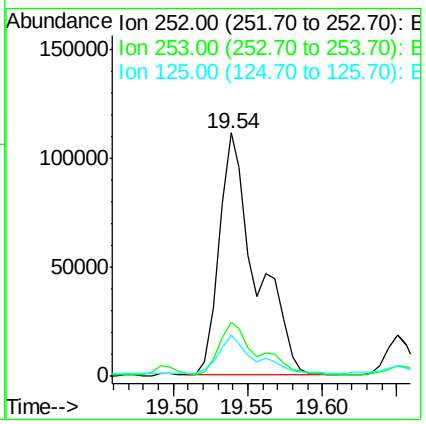


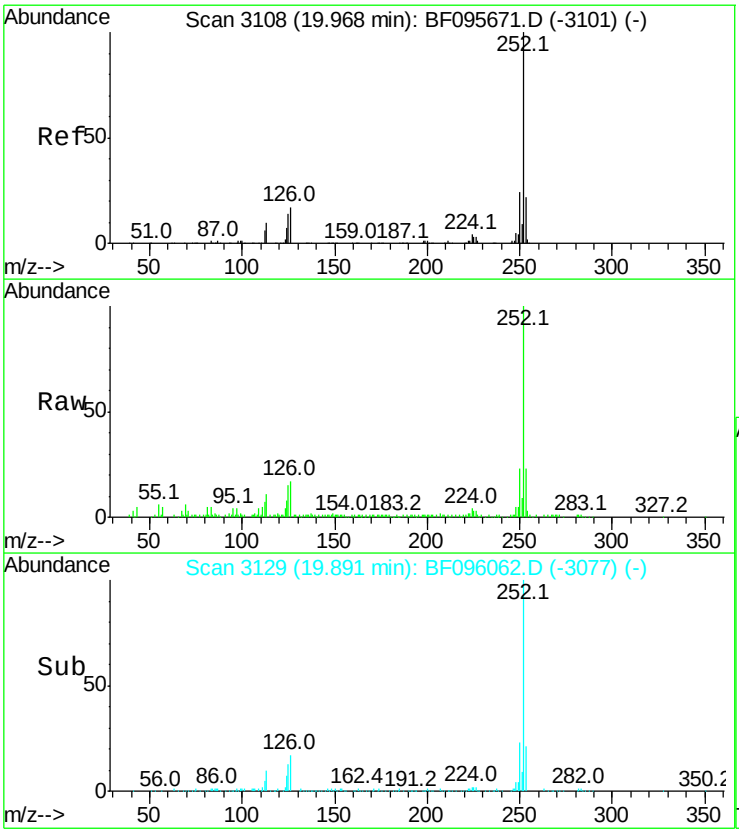
#88
Benzo(k)fluoranthene
Concen: 35.16 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 191844

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	16.8	13.1	19.7

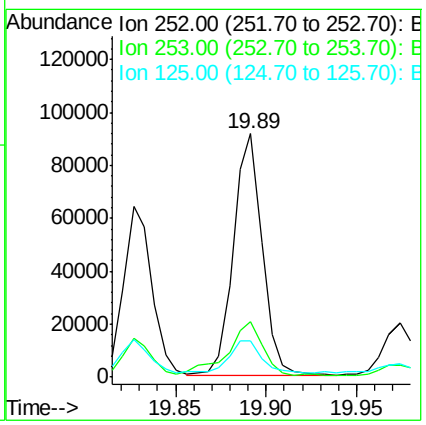


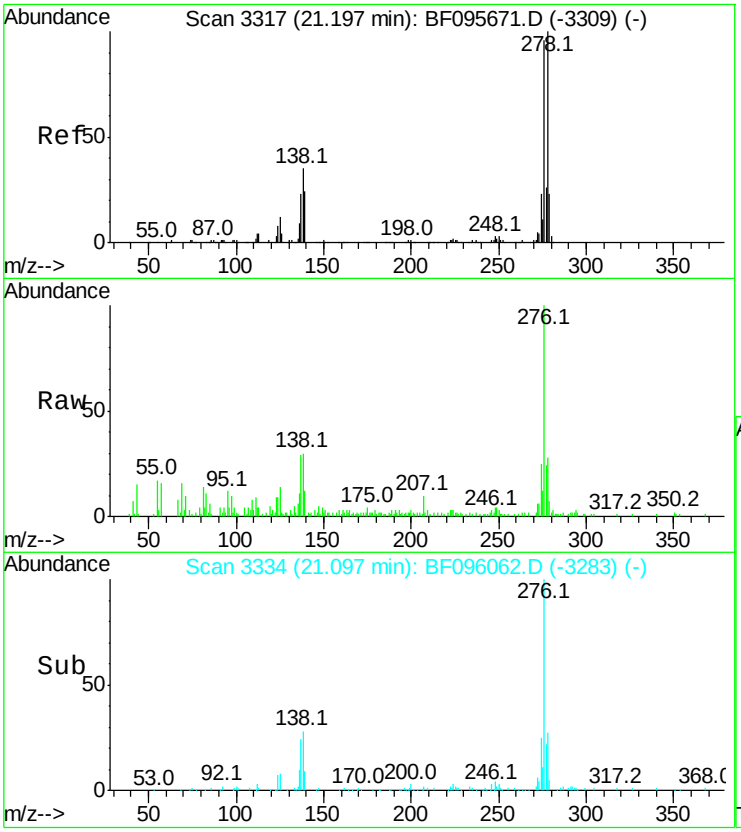


#89
Benzo(a)pyrene
Concen: 19.24 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:252 Resp: 100963

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.1	11.0	16.4



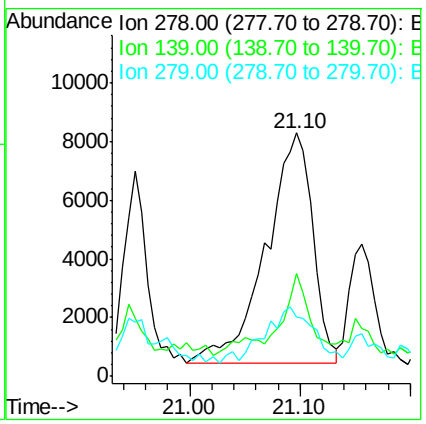


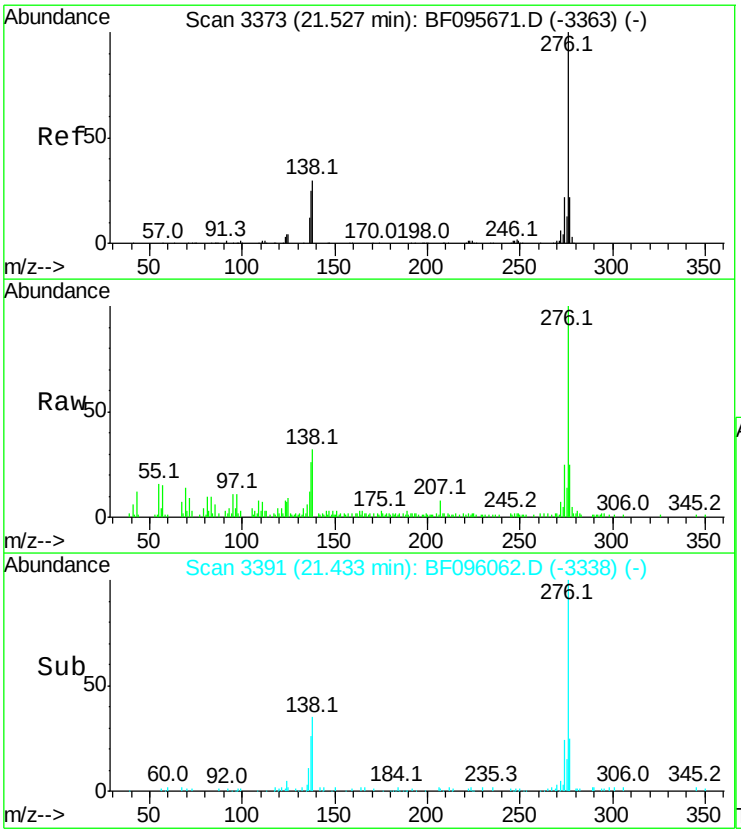
#90
Dibenzo(a,h)anthracene
Concen: 5.15 ng
RT: 21.10 min Scan# 3334
Delta R.T. 0.00 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22933

Ion	Ratio	Lower	Upper
278	100		
139	42.4	16.6	24.8#
279	24.4	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 11.96 ng
RT: 21.43 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BF096062.D
Acq: 21 Jun 2017 00:32

Tgt Ion:276 Resp: 54288

Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	32.1	25.4	38.0