Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
Data File : BF093281.D
Acq On : 1 Mar 2017 8:45
Operator : SJ/MA
Sample : I1998-04DL 2X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 09:48:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	129822	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	501347	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	193907	20.00	ng		-0.05
63) Phenanthrene-d10	11.34	188	342961	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	268819	20.00	ng		-0.03
86) Perylene-d12	15.41	264	182584	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	504490	66.67	ng		-0.03
7) Phenol-d6	6.46	99	639977	65.73	ng		-0.02
23) Nitrobenzene-d5	7.38	82	331499	36.82	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	91454	65.21	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	594647	55.56	ng		-0.05
78) Terphenyl-d14	12.92	244	437550	38.24	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	44731	7.22	ng	#	82
25) Isophorone	7.38	82	308148	18.37	ng	#	65
32) Benzoic acid	7.93	122	211	7.21	ng	#	1
48) Acenaphthylene	9.71	152	62316	3.28	ng		98
49) Dimethylphthalate	9.57	163	181756	13.92	ng		99
51) Acenaphthene	9.88	154	48269	4.25	ng		96
54) Dibenzofuran	10.05	168	32961	2.17	ng	#	93
57) Fluorene	10.40	166	77899	6.67	ng		95
70) Phenanthrene	11.37	178	929164	47.29	ng		97
71) Anthracene	11.41	178	271746	13.77	ng		97
72) Carbazole	11.57	167	72759	3.86	ng		98
74) Fluoranthene	12.56	202	1144159	56.45	ng		99
77) Pyrene	12.78	202	1012272	50.32	ng		99
80) Benzo(a)anthracene	13.97	228	534027	32.48	ng		98
82) Chrysene	14.01	228	337084	21.90	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	149814	12.56	ng		96
87) Benzo(b)fluoranthene	15.00	252	508529	42.31	ng	#	97
88) Benzo(k)fluoranthene	15.00	252	508529	49.01	ng	#	96
89) Benzo(a)pyrene	15.36	252	260704	25.08	ng		100
90) Dibenzo(a,h)anthracene	16.81	278	35578	4.23	ng	#	82
91) Benzo(g,h,i)perylene	17.23	276	128202	15.10	ng	#	89

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

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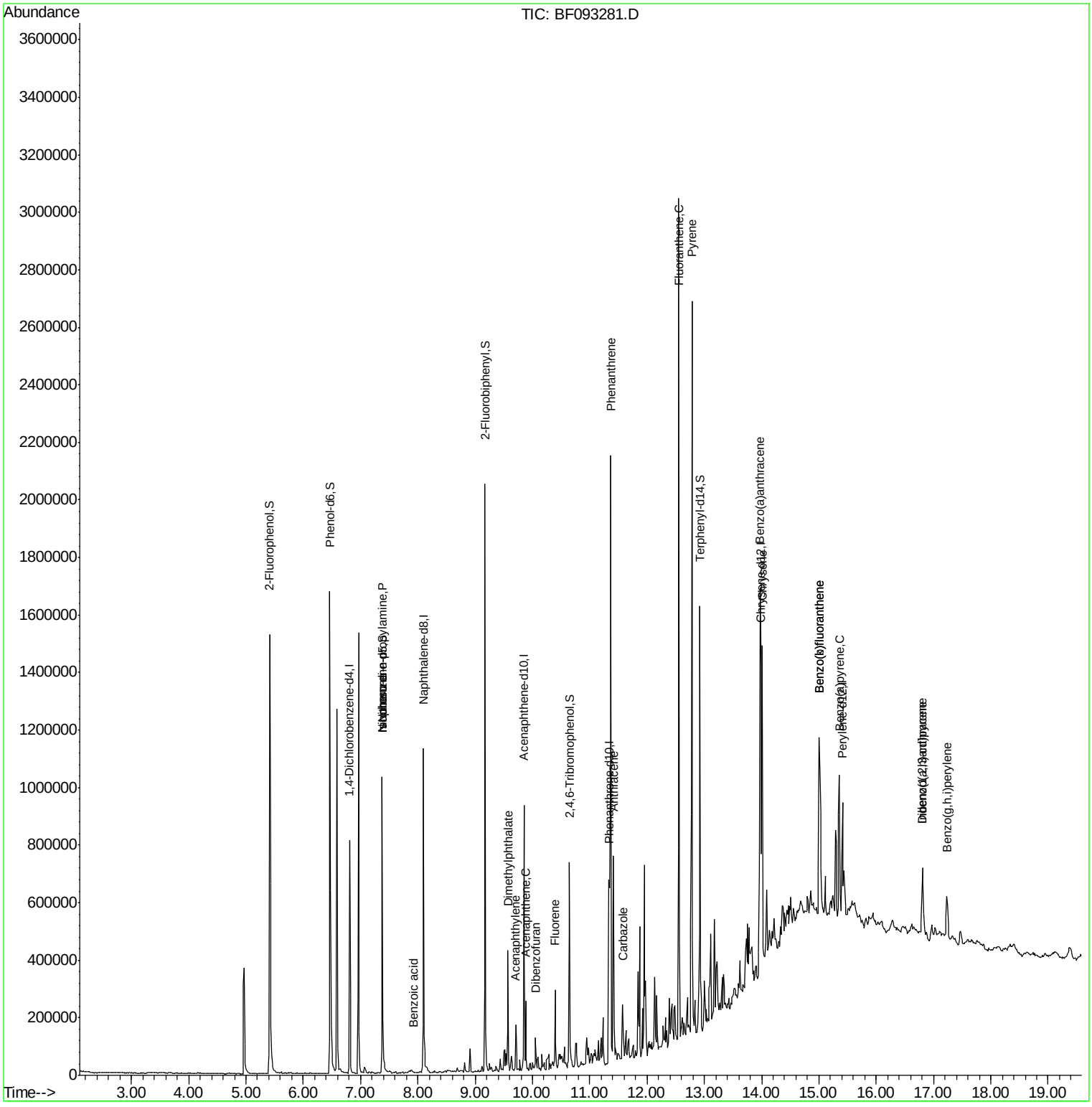
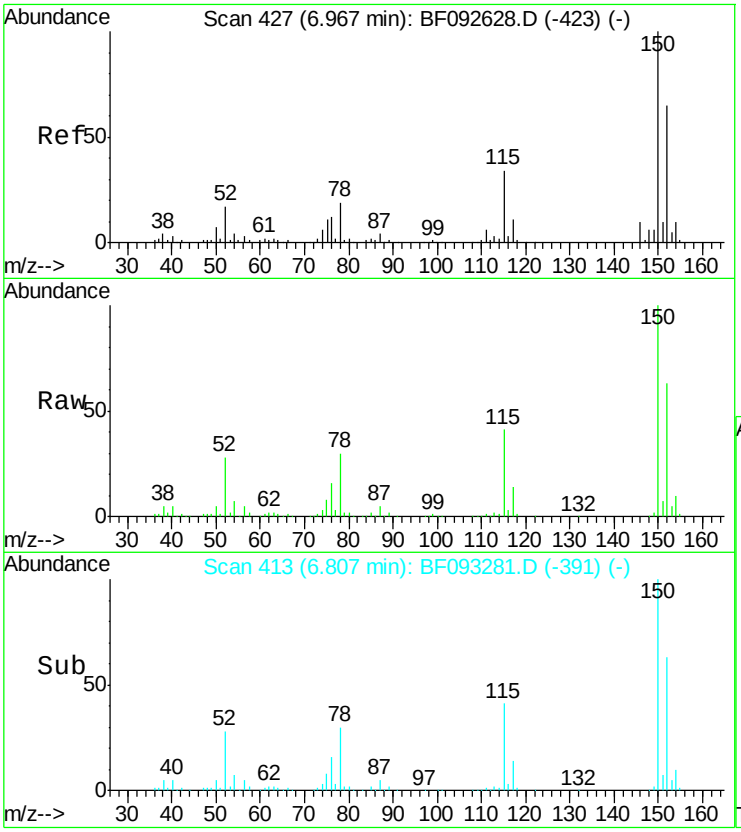


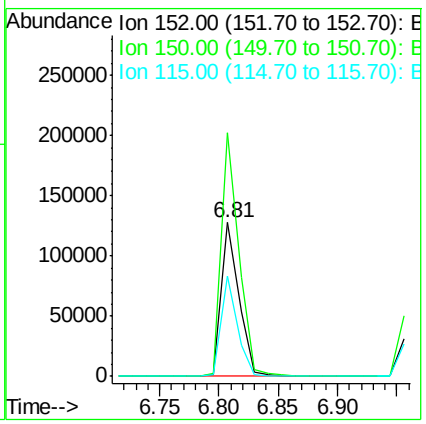


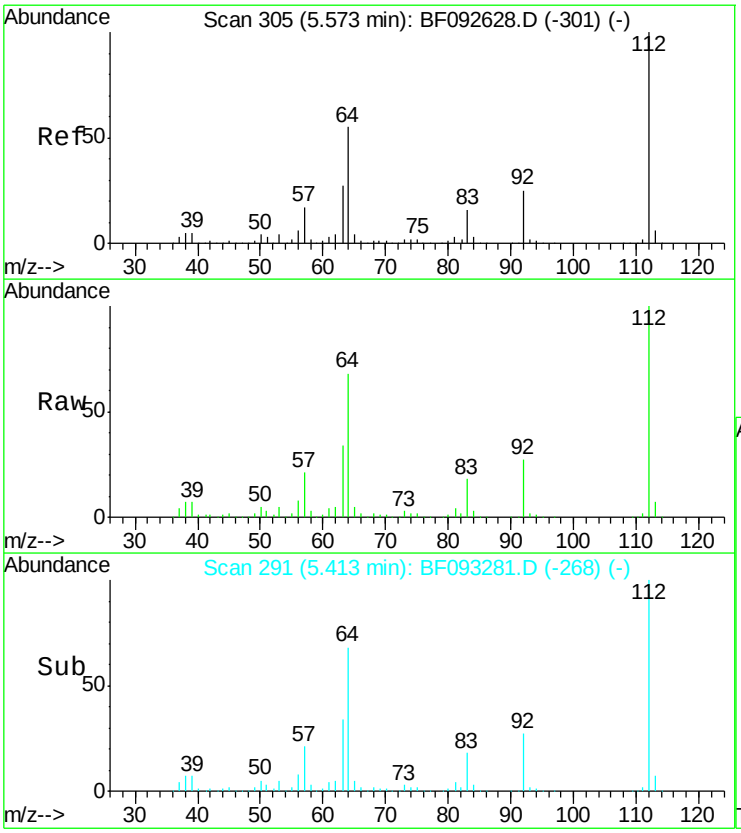
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129822

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.9	187.3
115	64.9	46.0	69.0

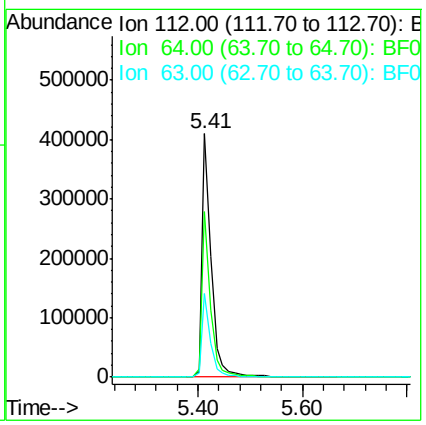


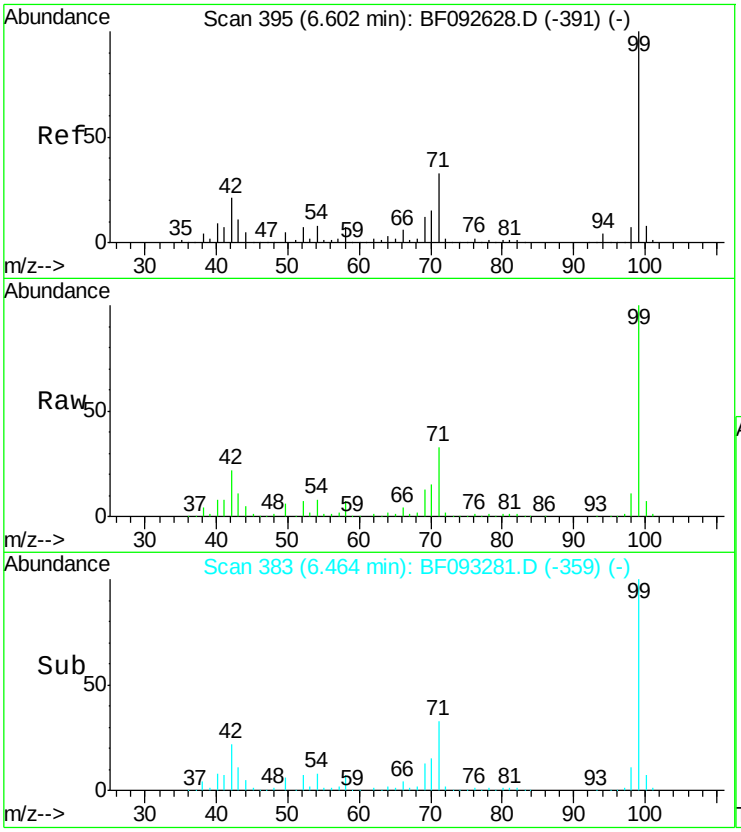


#5
2-Fluorophenol
Concen: 66.67 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:112 Resp: 504490

Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.1	69.1
63	34.5	23.8	35.6



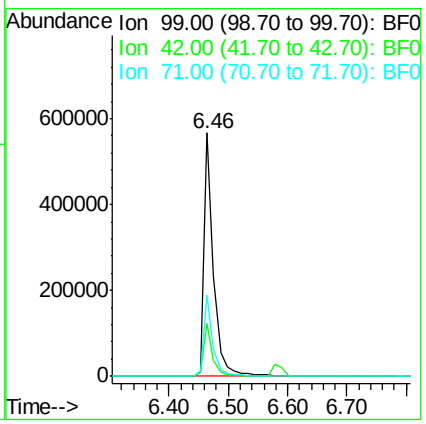


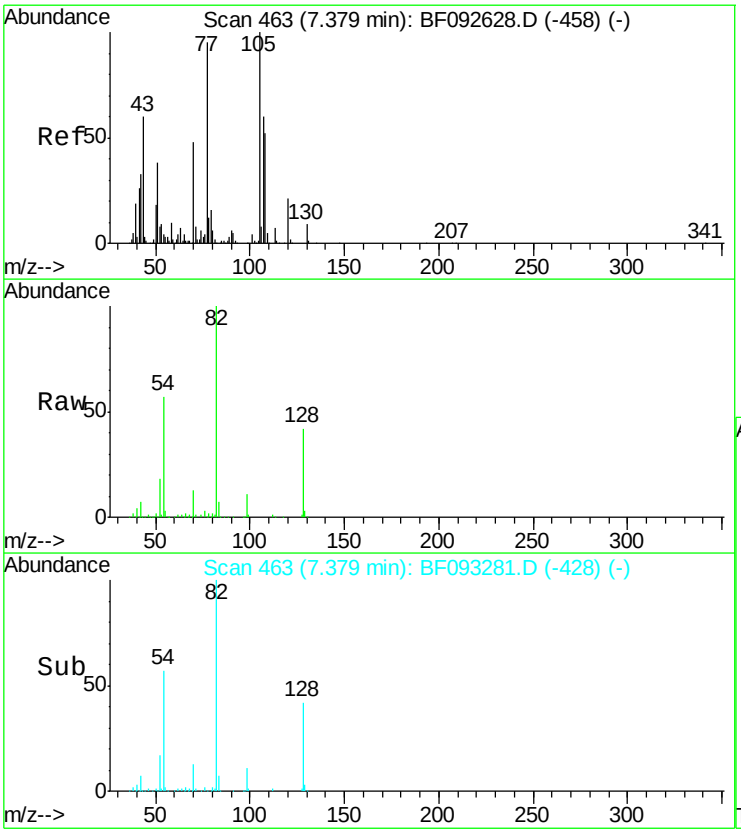
#7
Phenol-d6
Concen: 65.73 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 639977

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.6	23.4
71	33.5	27.5	41.3

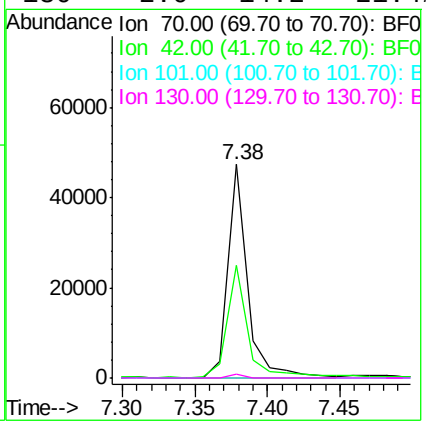


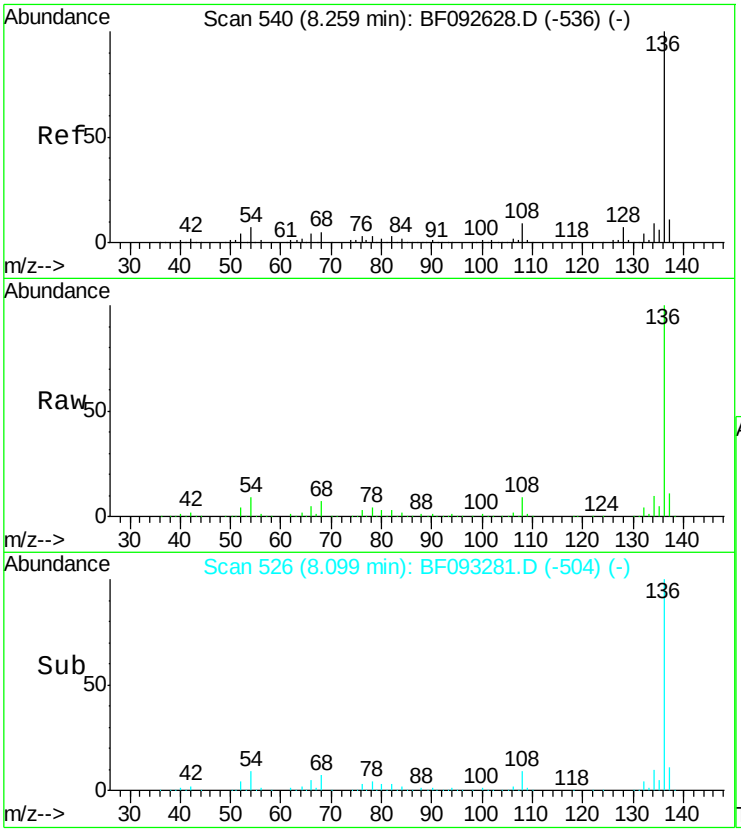


#19
n-Nitroso-di-n-propylamine
Concen: 7.22 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion: 70 Resp: 44731

Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



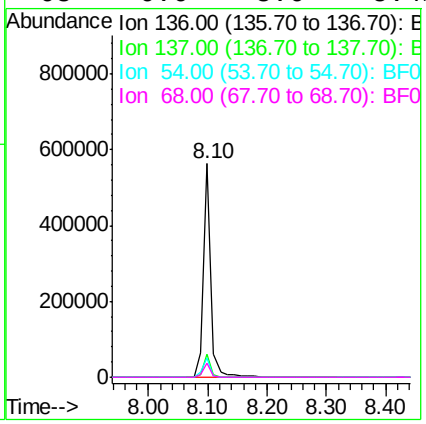


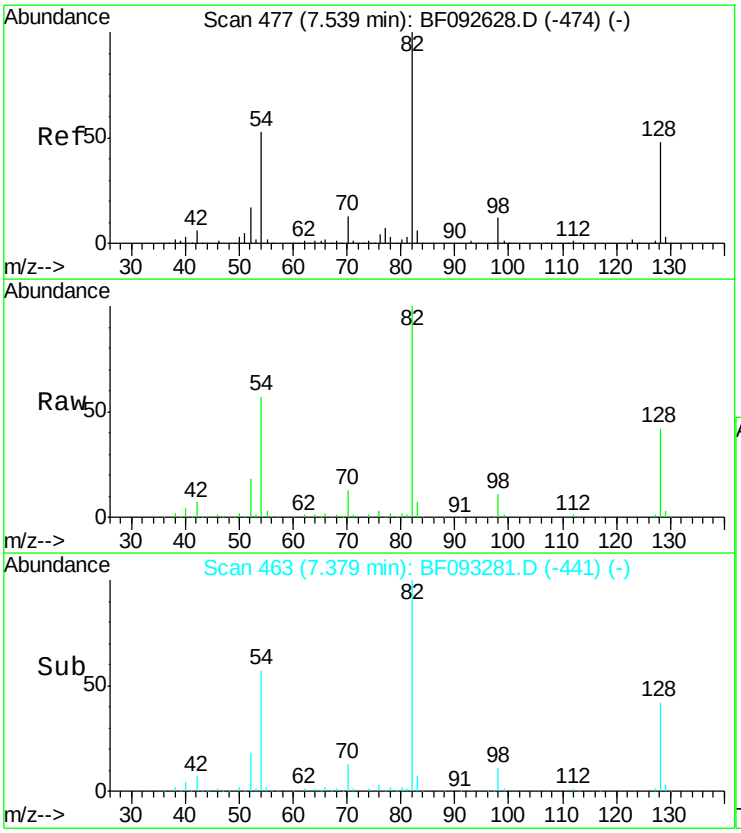
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 501347

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	9.1	4.5	6.7#
68	6.6	3.6	5.4#

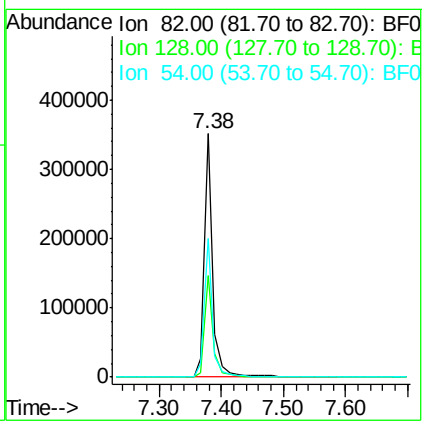


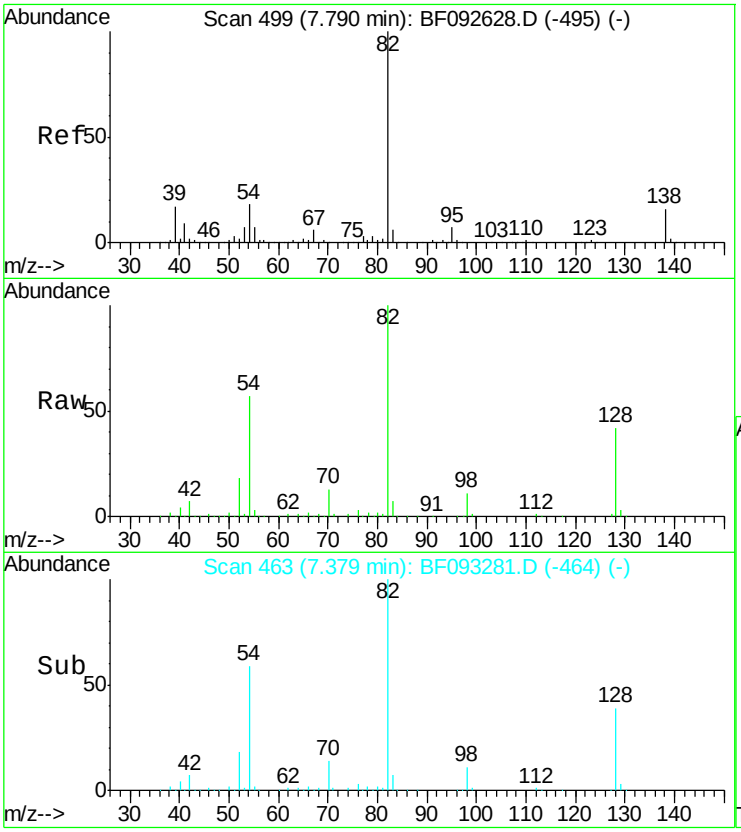


#23
Nitrobenzene-d5
Concen: 36.82 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion: 82 Resp: 331499

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.2	39.5	59.3



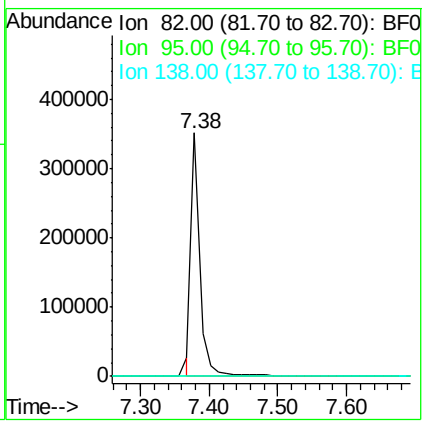


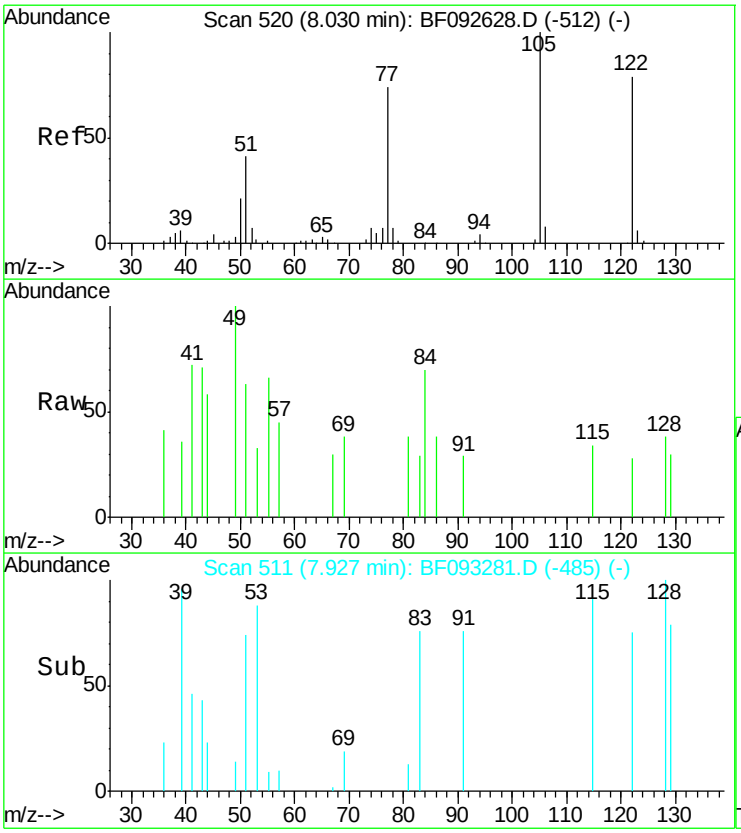
#25
Isophorone
Concen: 18.37 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 308148

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

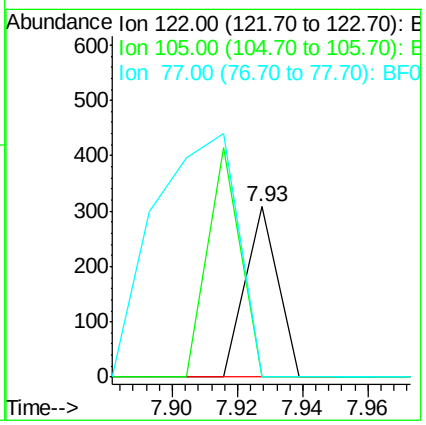


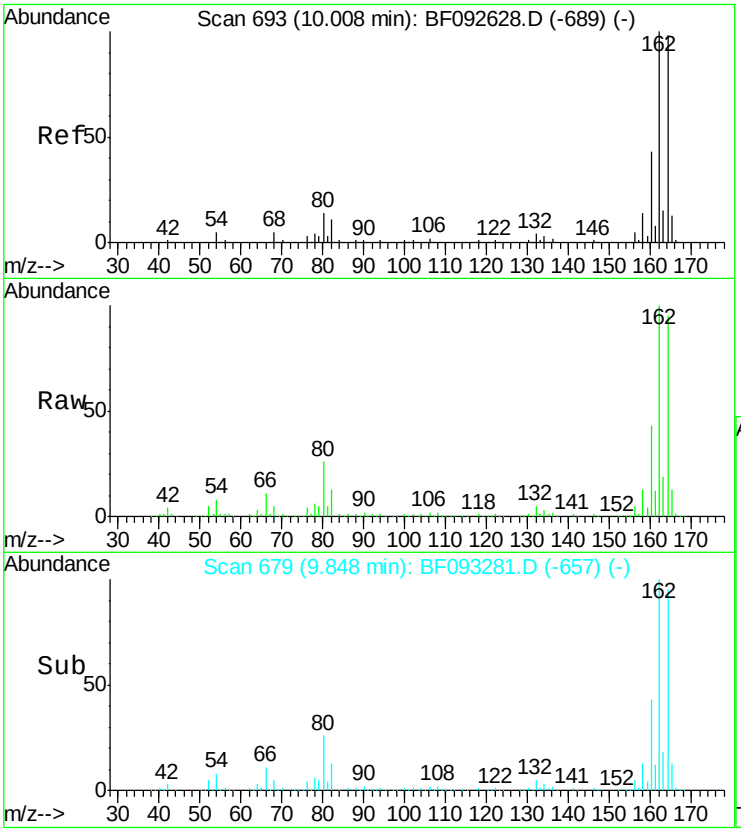


#32
Benzoic acid
Concen: 7.21 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:122 Resp: 211

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	0.0	74.5	114.5#



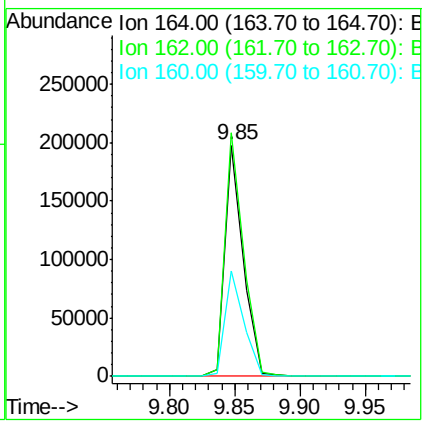


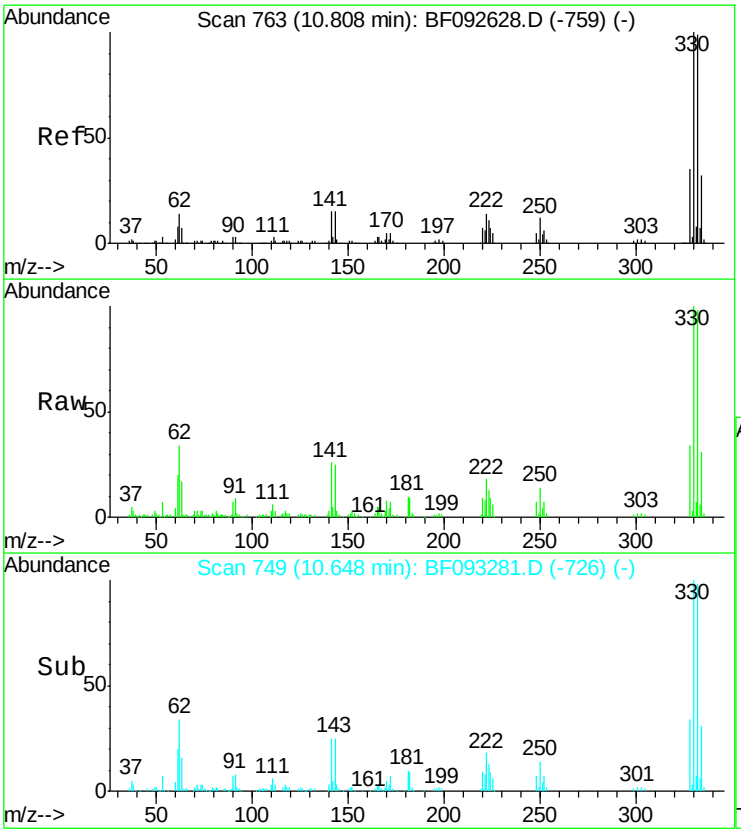
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 193907

Ion	Ratio	Lower	Upper
164	100		
162	105.3	80.2	120.2
160	45.5	36.9	55.3

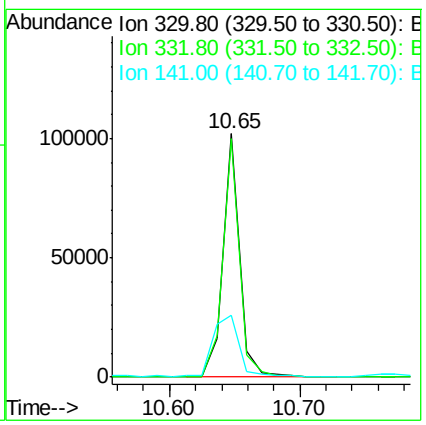


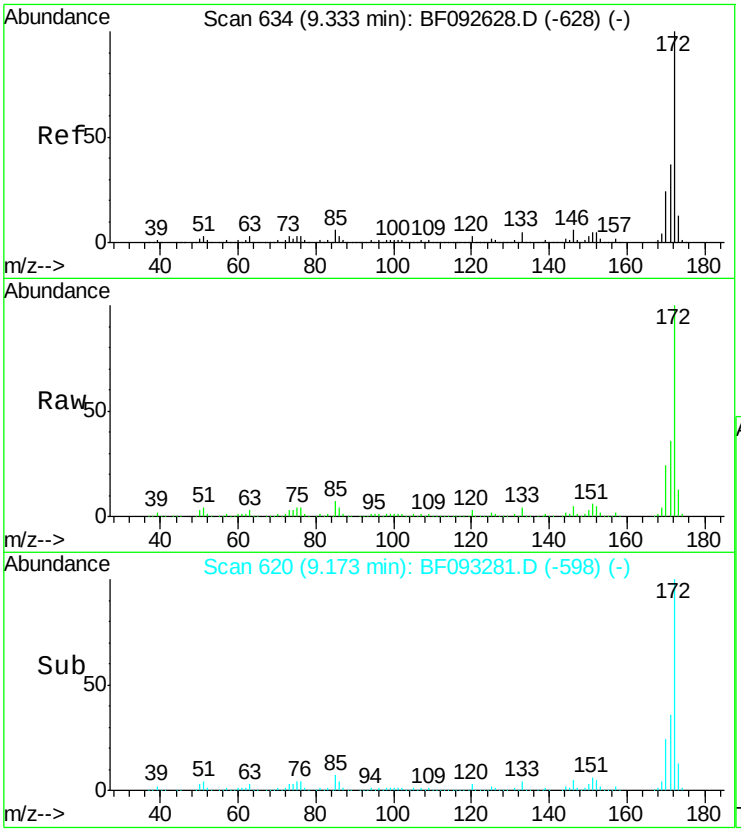


#41
2,4,6-Tribromophenol
Concen: 65.21 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:330 Resp: 91454

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	41.4	34.1	51.1



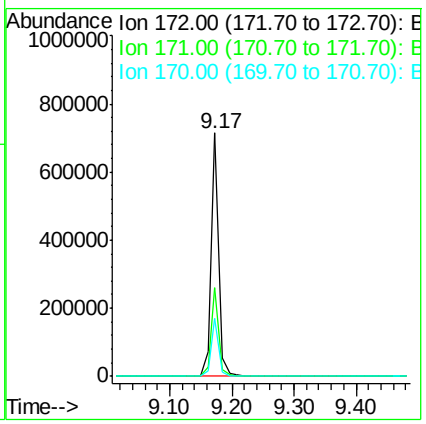


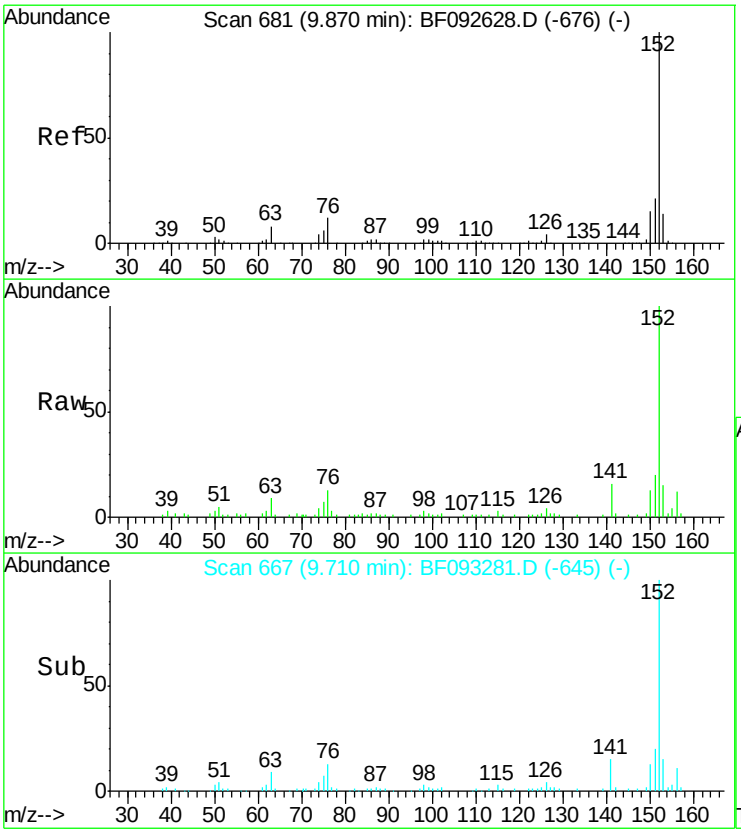
#44
2-Fluorobiphenyl
Concen: 55.56 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 594647

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	23.8	20.2	30.4

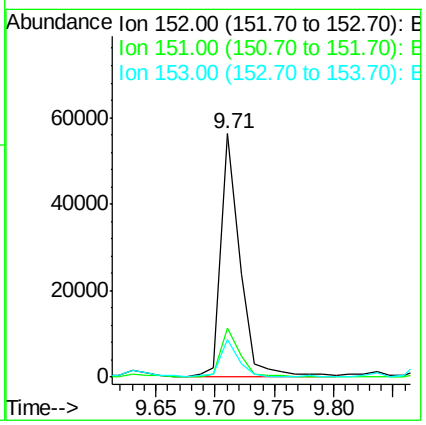


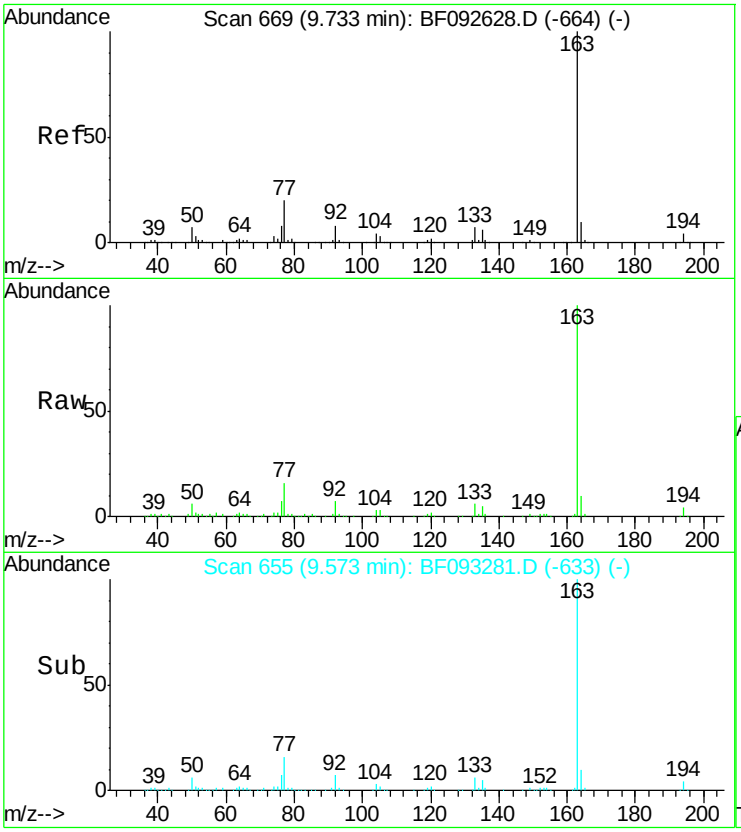


#48
Acenaphthylene
Concen: 3.28 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:152 Resp: 62316

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	15.3	11.4	17.2



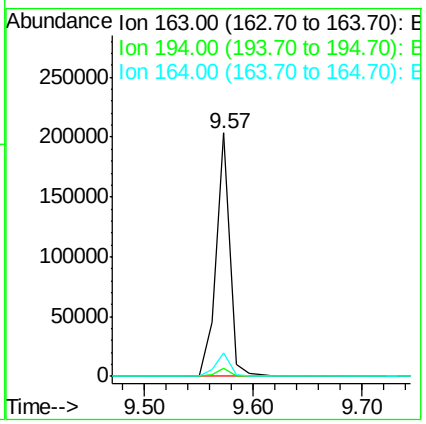


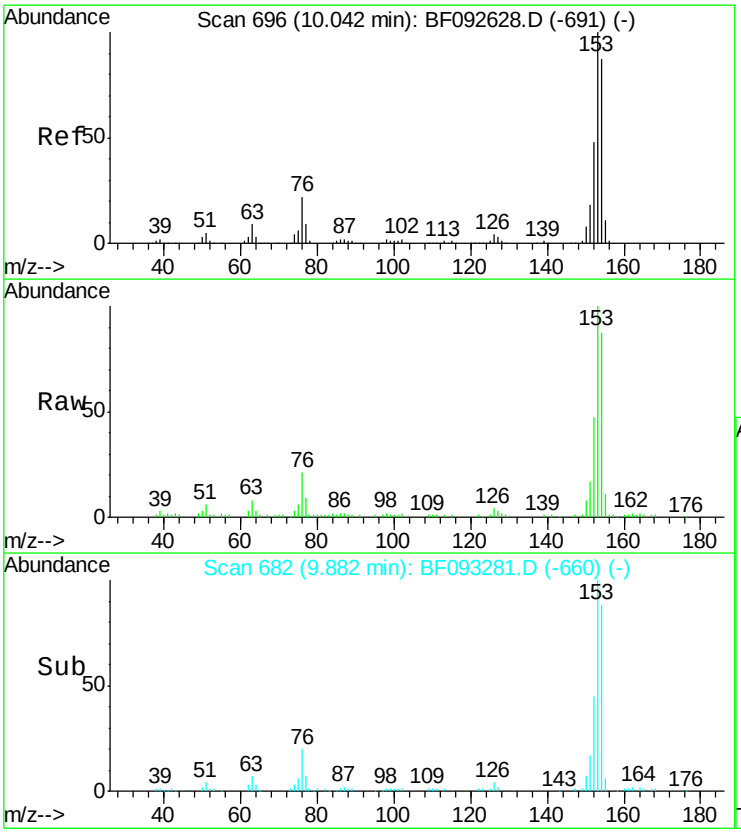
#49
Dimethylphthalate
Concen: 13.92 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 181756

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.6	8.0	12.0

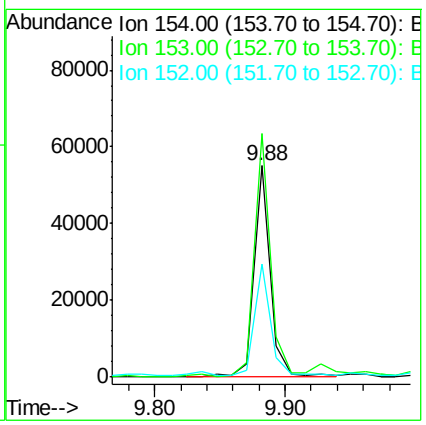


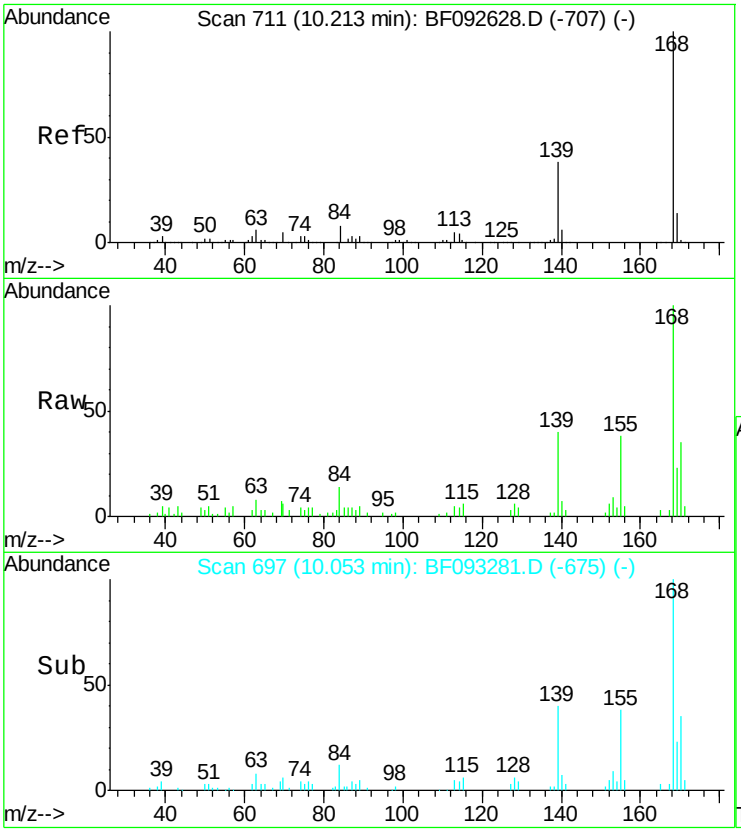


#51
Acenaphthene
Concen: 4.25 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:154 Resp: 48269

Ion	Ratio	Lower	Upper
154	100		
153	115.2	88.6	133.0
152	53.8	41.6	62.4



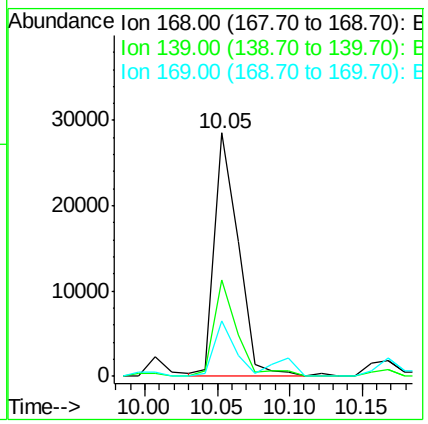


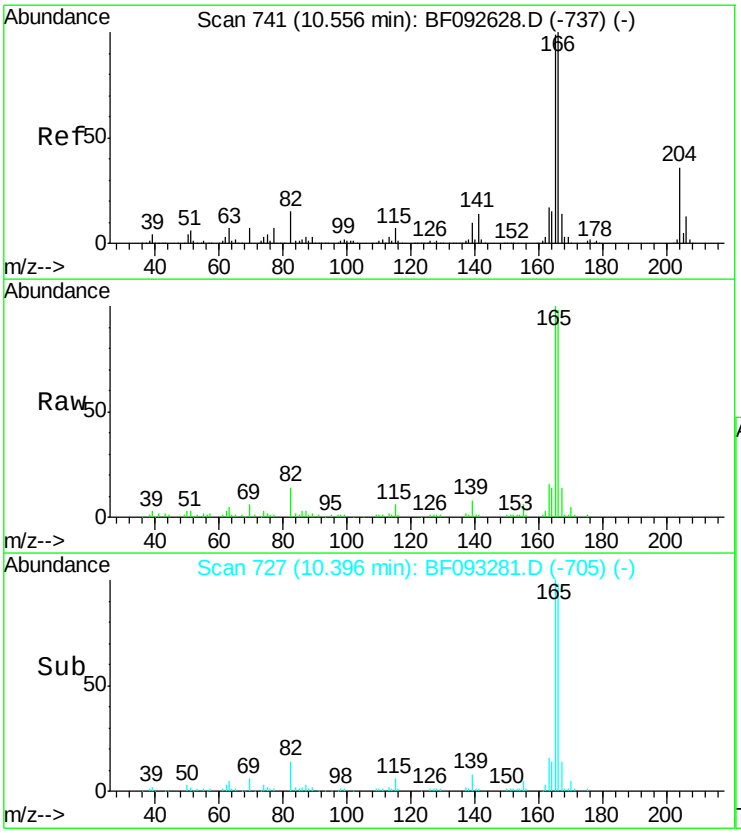
#54
Dibenzofuran
Concen: 2.17 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 32961

Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	49.0
169	22.7	11.3	16.9#

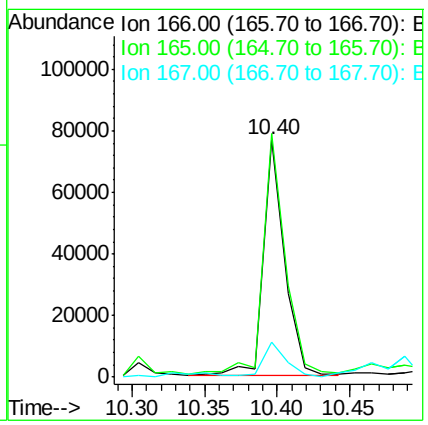


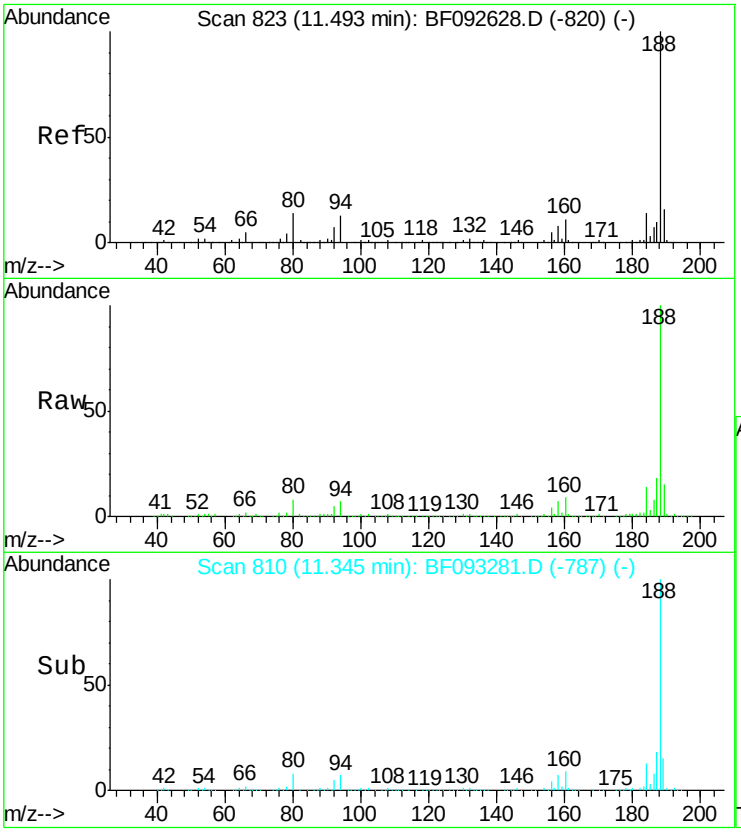


#57
Fluorene
Concen: 6.67 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:166 Resp: 77899

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.8	116.8
167	14.8	10.8	16.2



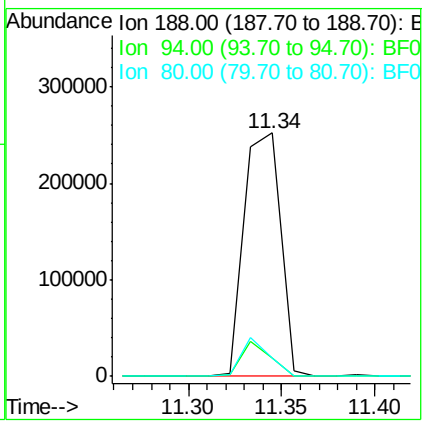


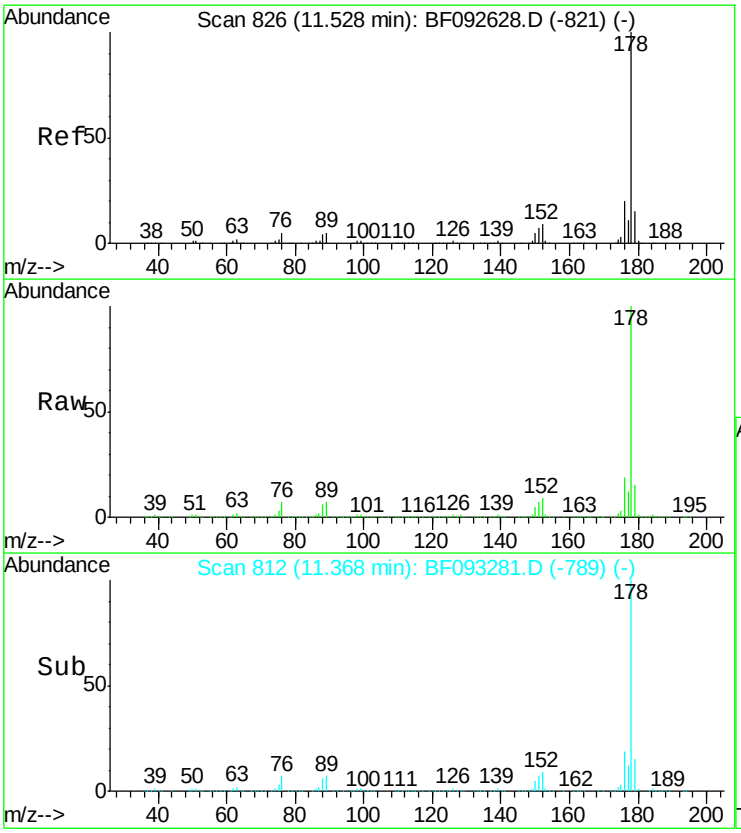
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 342961

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.5	11.2	16.8#

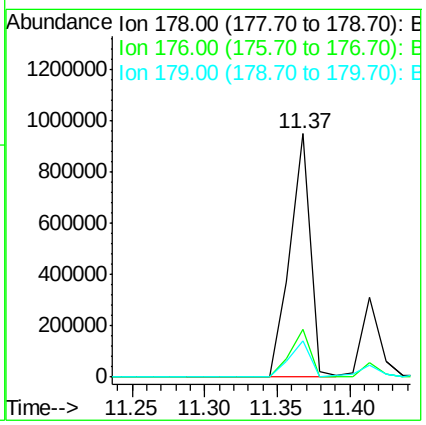


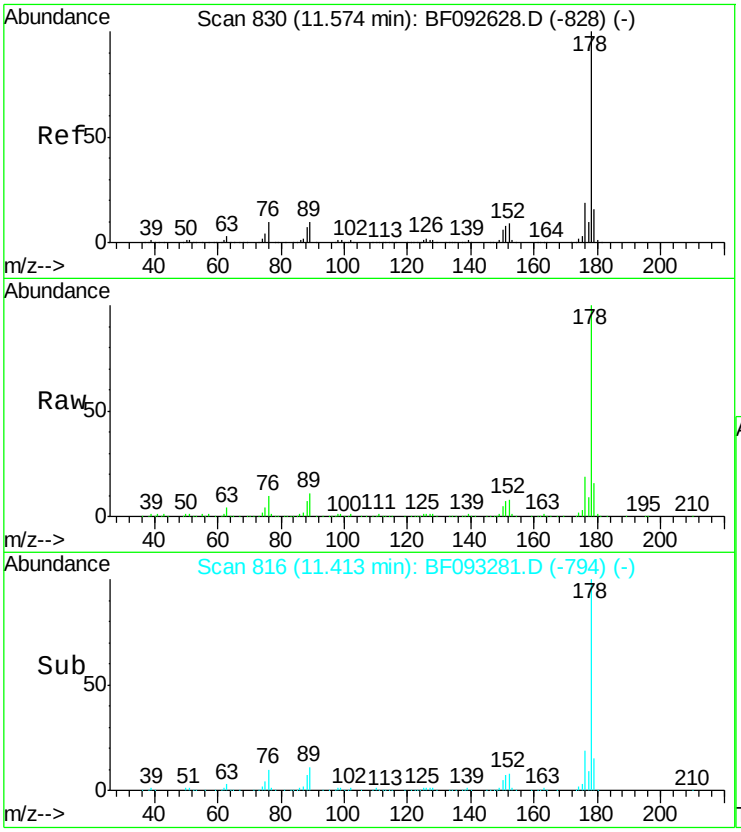


#70
Phenanthrene
Concen: 47.29 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:178 Resp: 929164

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.0	12.8	19.2

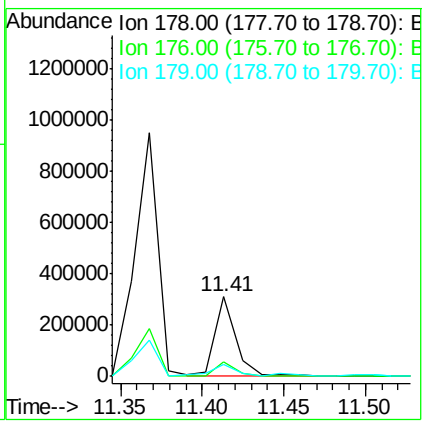




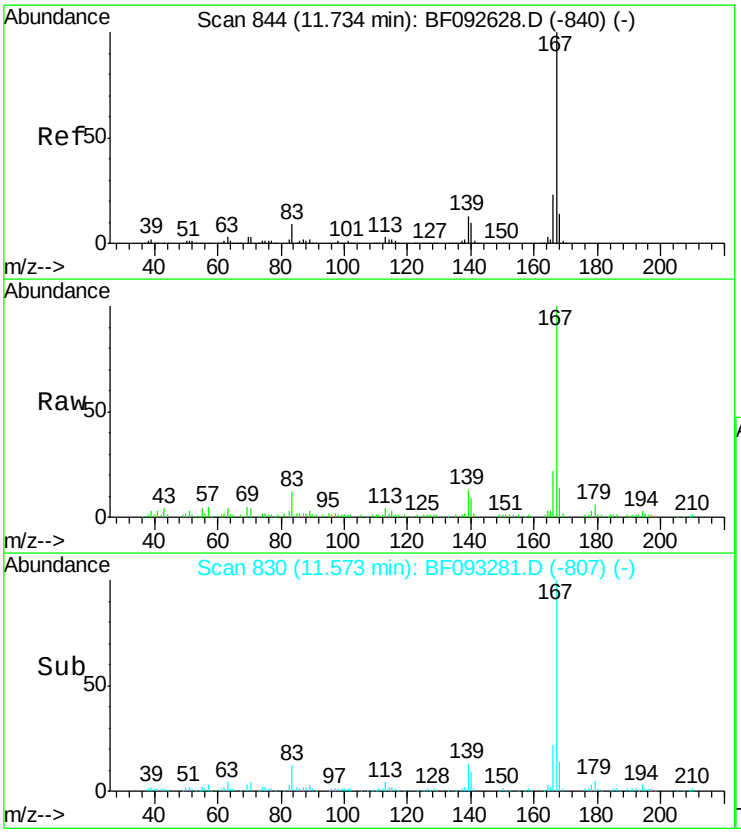
#71
Anthracene
Concen: 13.77 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:178 Resp: 271746

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	15.5	13.2	19.8



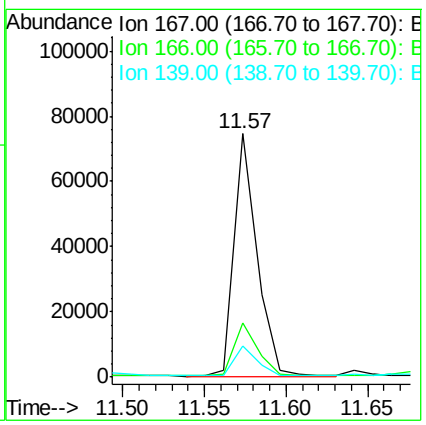
Instrument :
BNA_F
ClientSampleId :

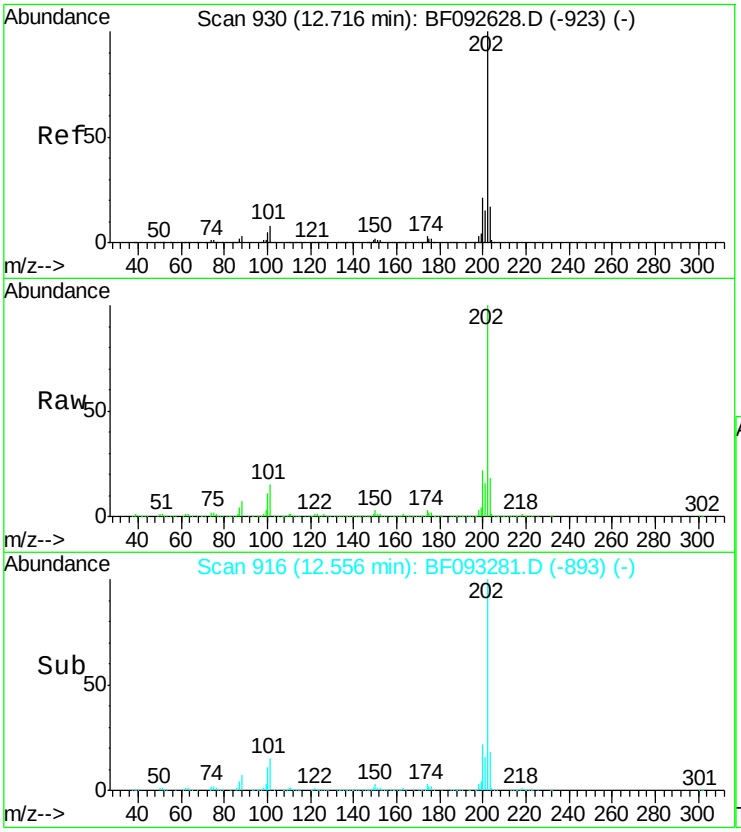


#72
Carbazole
Concen: 3.86 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:167 Resp: 72759

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.9	11.4	17.2

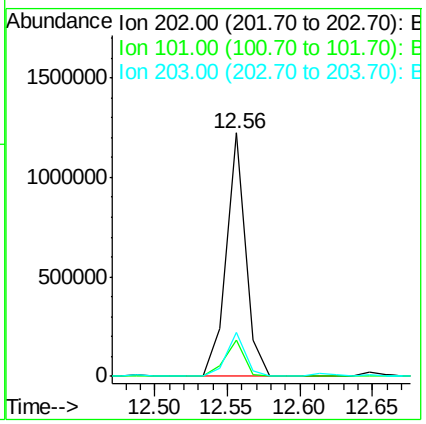




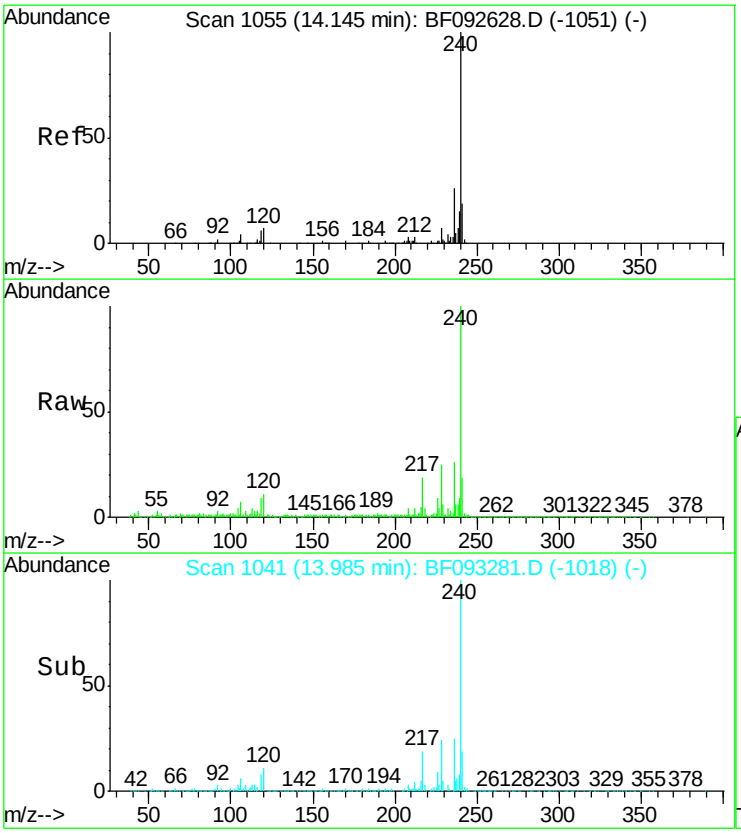
#74
Fluoranthene
Concen: 56.45 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:202 Resp: 1144159

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.6
203	17.9	0.0	38.7



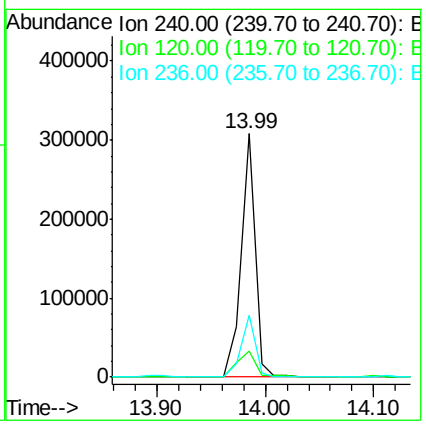
Instrument :
BNA_F
ClientSampleId :

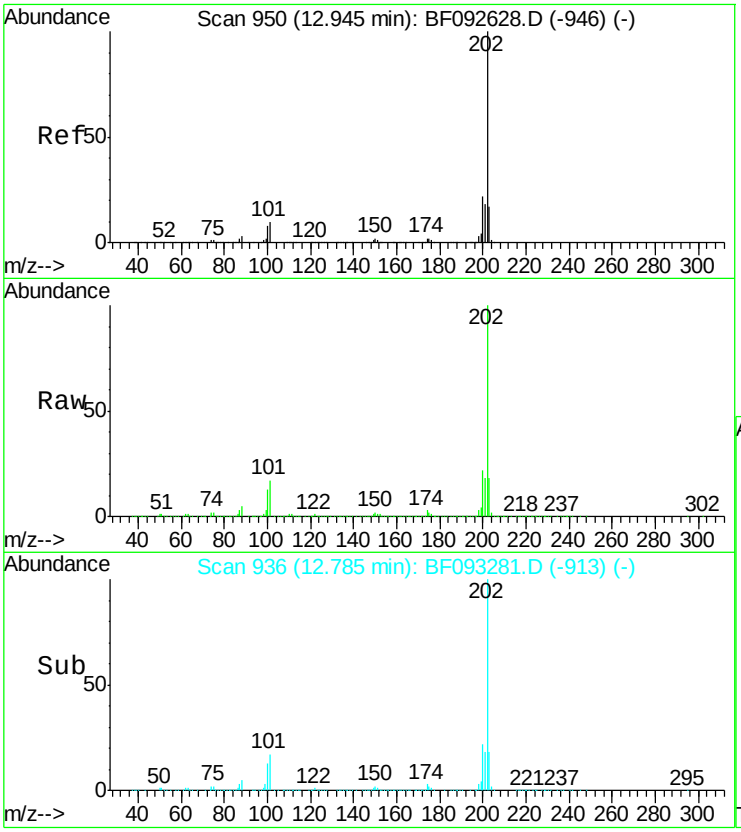


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:240 Resp: 268819

Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.9	19.3#
236	25.5	20.9	31.3



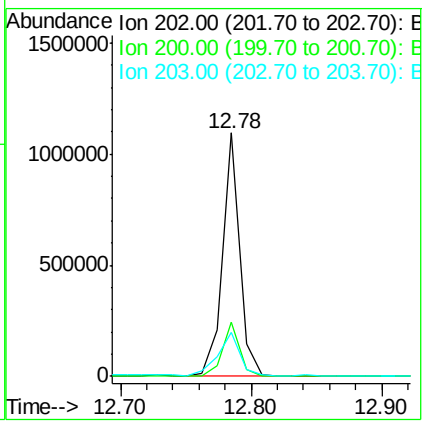


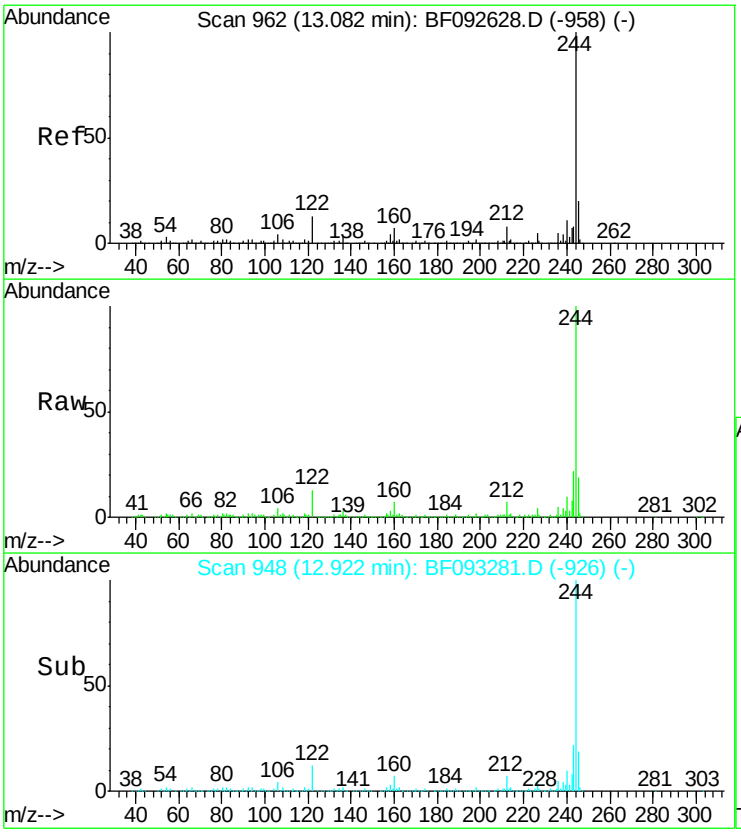
#77
Pyrene
Concen: 50.32 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1012272

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.9	14.7	22.1

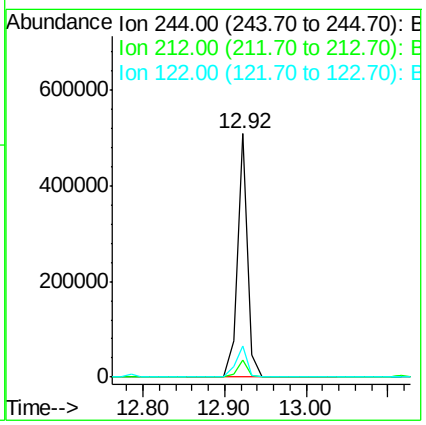


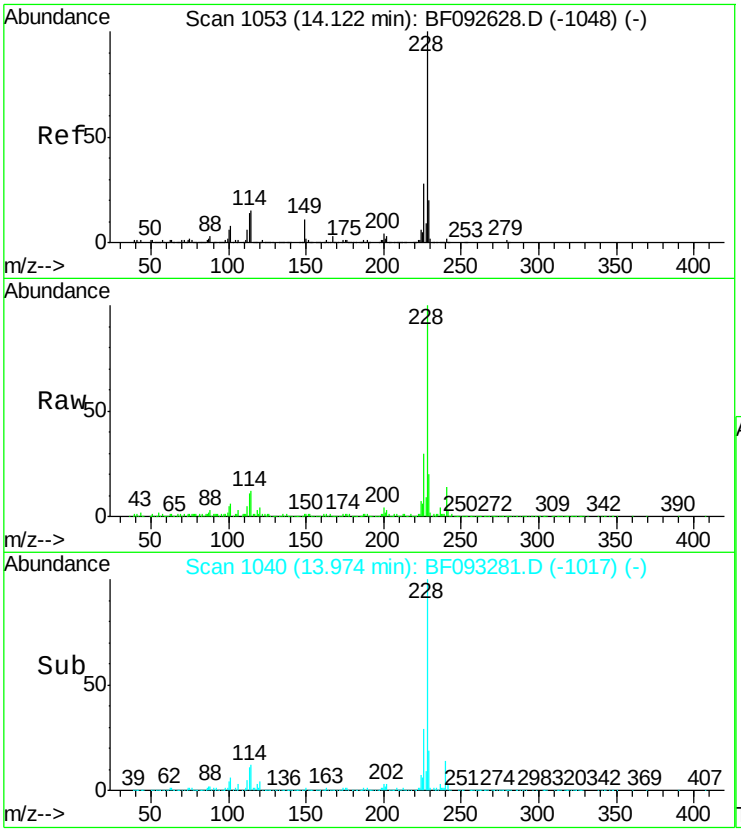


#78
Terphenyl-d14
Concen: 38.24 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:244 Resp: 437550

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	12.5	11.4	17.2



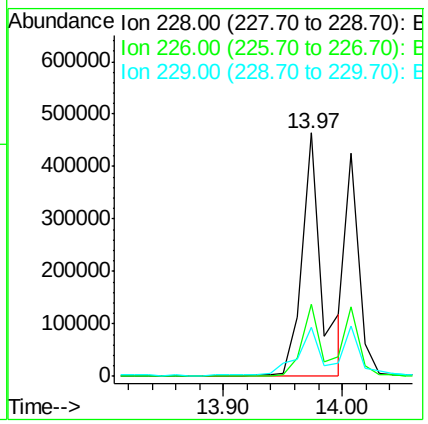


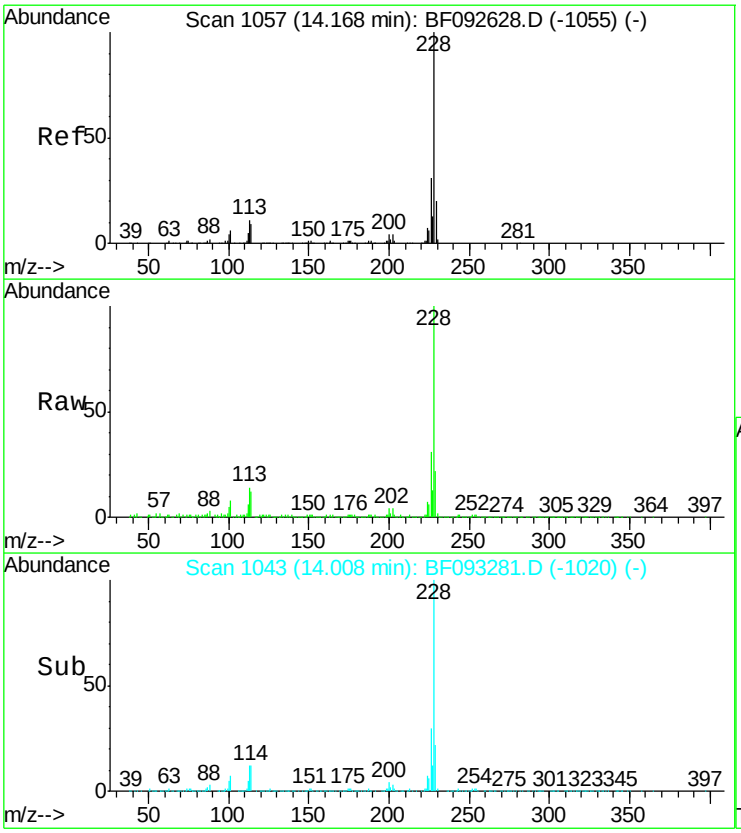
#80
Benzo(a)anthracene
Concen: 32.48 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 534027

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.4	33.6
229	20.1	16.2	24.4

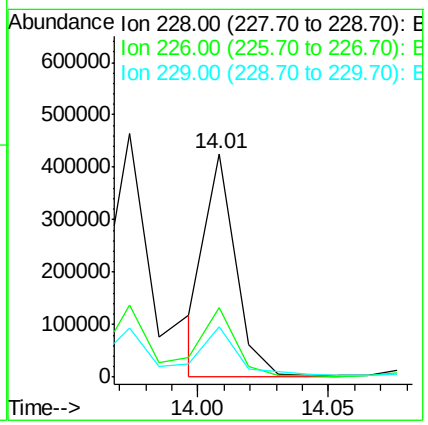


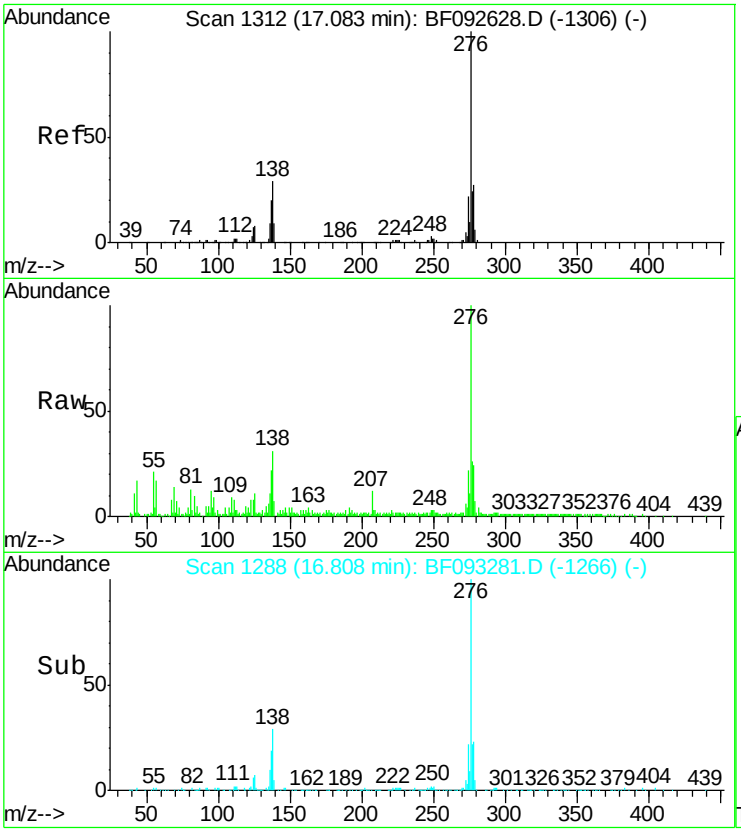


#82
Chrysene
Concen: 21.90 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:228 Resp: 337084

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.5	16.2	24.2



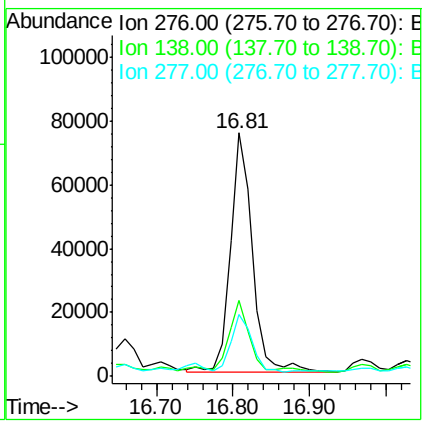


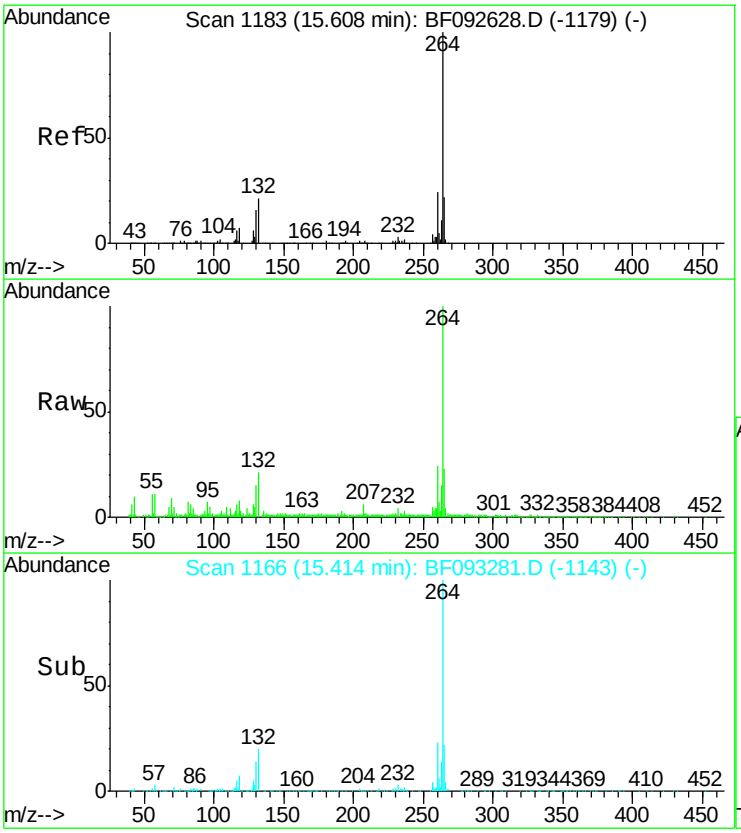
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.56 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 149814

Ion	Ratio	Lower	Upper
276	100		
138	28.6	21.8	32.6
277	22.5	20.2	30.4

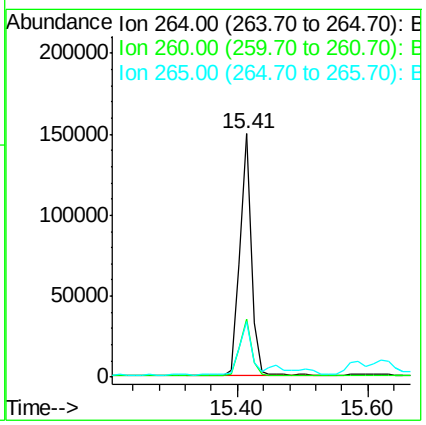


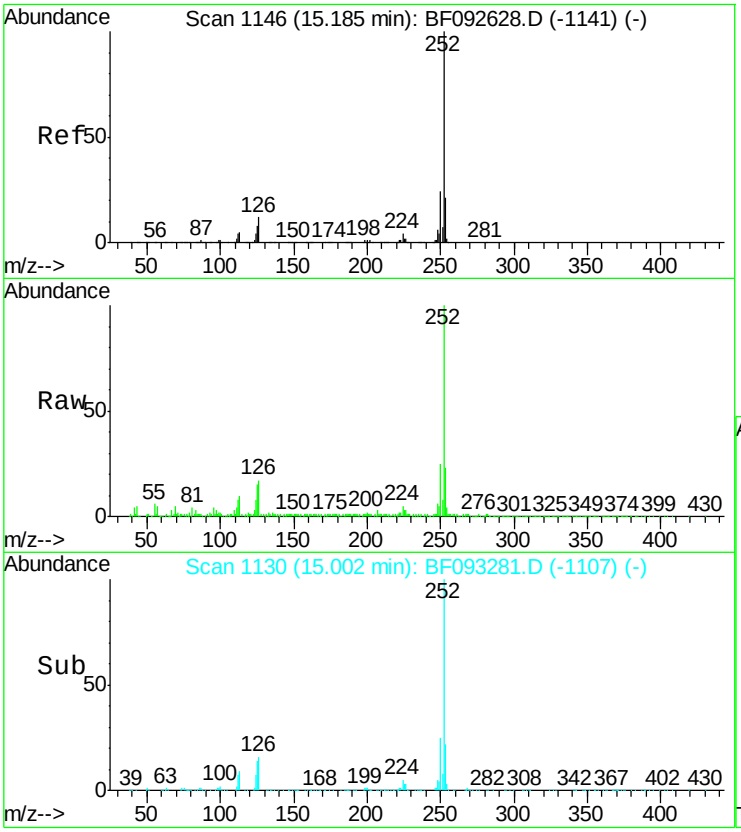


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:264 Resp: 182584

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.7	17.4	26.0



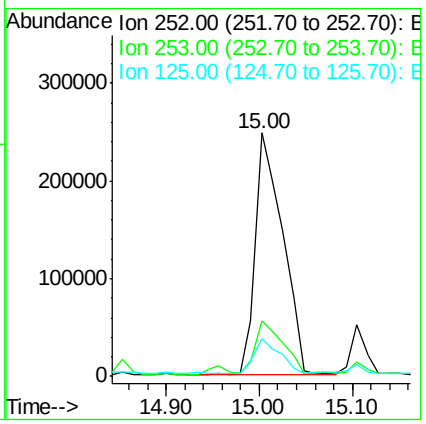


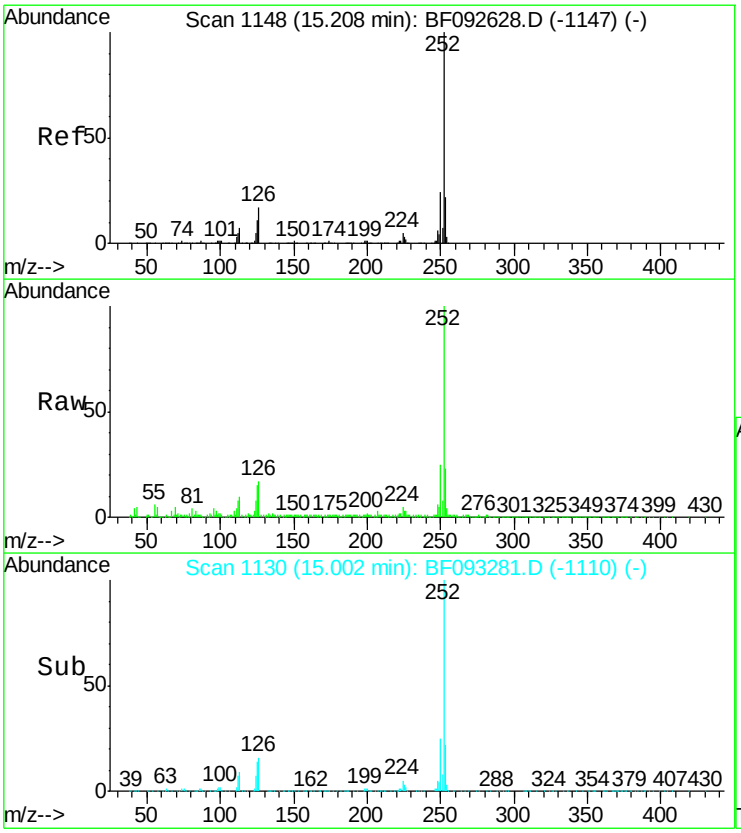
#87
Benzo(b)fluoranthene
Concen: 42.31 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 508529

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	15.2	9.8	14.6#

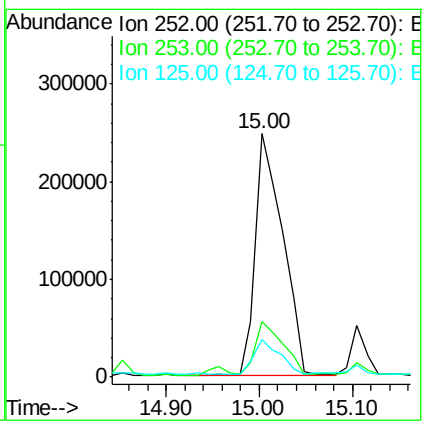


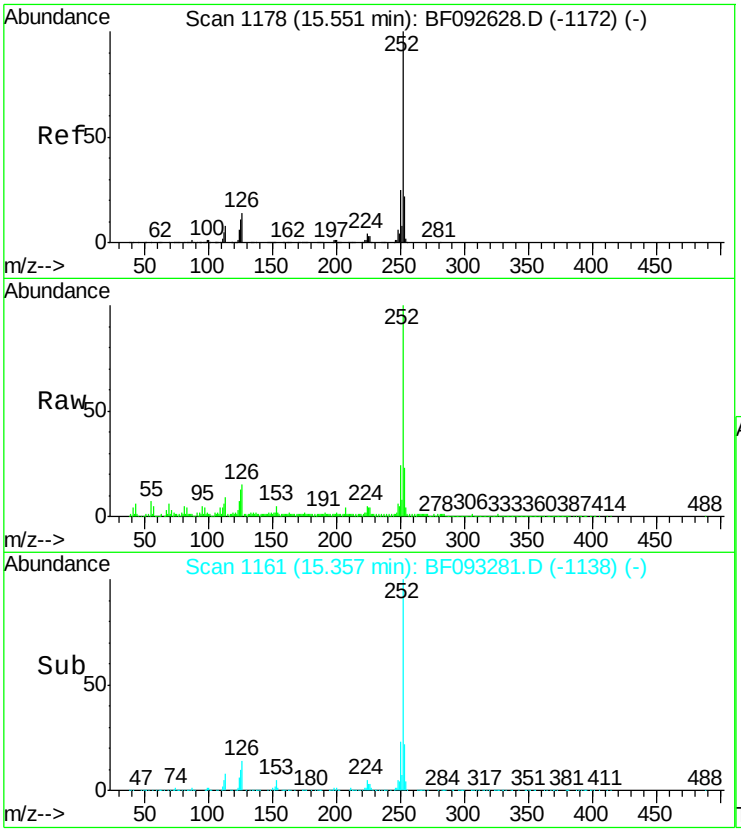


#88
Benzo(k)fluoranthene
Concen: 49.01 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:252 Resp: 508529

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	15.2	8.9	13.3#



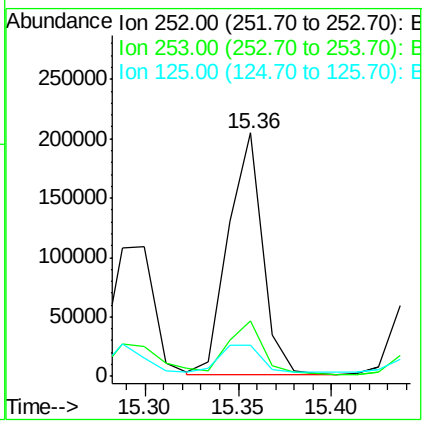


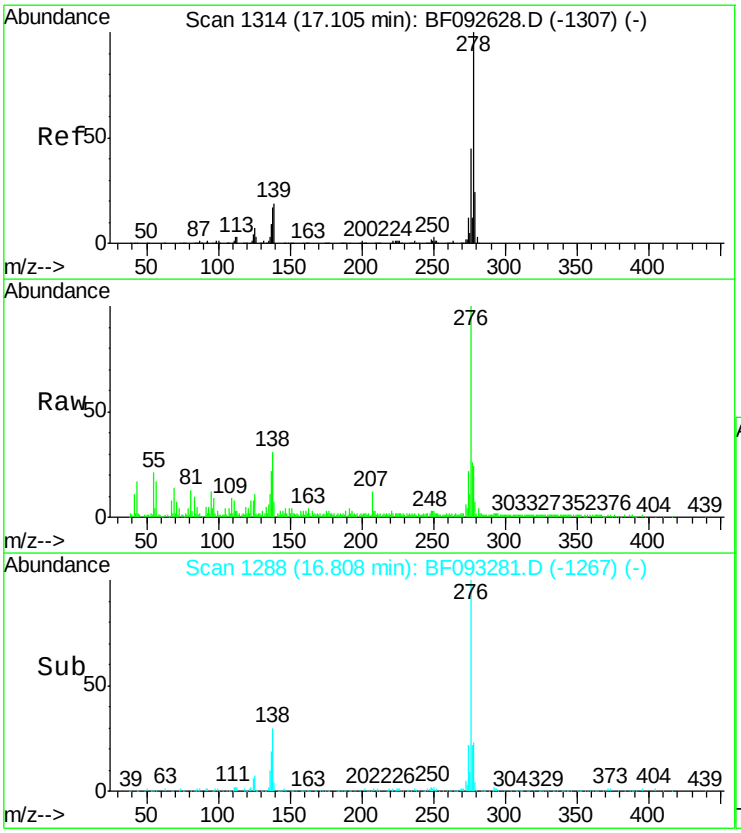
#89
Benzo(a)pyrene
Concen: 25.08 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 260704

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	12.9	10.0	15.0

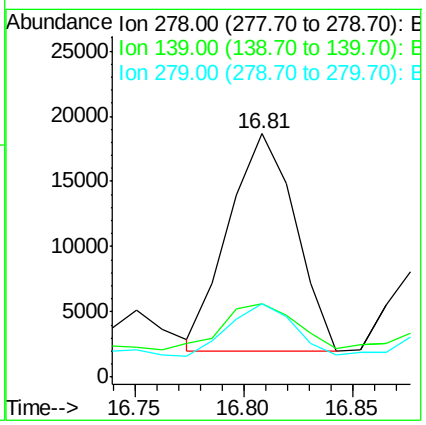


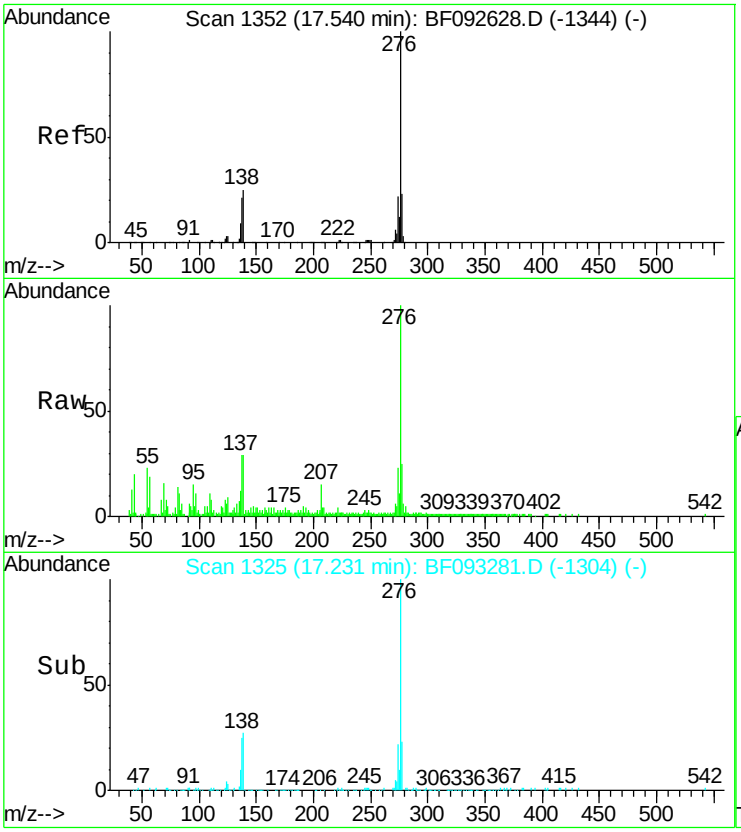


#90
Dibenzo(a,h)anthracene
Concen: 4.23 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Tgt Ion:278 Resp: 35578

Ion	Ratio	Lower	Upper
278	100		
139	30.2	14.8	22.2#
279	30.3	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 15.10 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093281.D
Acq: 1 Mar 2017 8:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 128202

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.2	28.8
138	29.2	16.0	24.0#