Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF022817\
Data File : BF093285.D
Acq On : 1 Mar 2017 10:37
Operator : SJ/MA
Sample : I2017-13DL 2X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 12:03:58 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	132092	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	475972	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	191165	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	314529	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	255627	20.00	ng		-0.03
86) Perylene-d12	15.41	264	172832	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	506003	65.72	ng		-0.03
7) Phenol-d6	6.46	99	638320	64.43	ng		-0.02
23) Nitrobenzene-d5	7.38	82	327279	38.29	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	89275	64.57	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	596596	56.54	ng		-0.05
78) Terphenyl-d14	12.92	244	462268	42.49	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.48	94	44044	3.80	ng		80
19) n-Nitroso-di-n-propylamine	7.38	70	41811	6.63	ng	#	81
25) Isophorone	7.38	82	278623	17.49	ng	#	65
32) Benzoic acid	7.92	122	649	7.30	ng	#	62
48) Acenaphthylene	9.71	152	109491	5.85	ng		98
49) Dimethylphthalate	9.57	163	41517	3.22	ng		100
51) Acenaphthene	9.88	154	22889	2.05	ng		93
57) Fluorene	10.40	166	36273	3.15	ng		98
70) Phenanthrene	11.37	178	609570	33.83	ng		97
71) Anthracene	11.41	178	146901	8.12	ng		97
72) Carbazole	11.57	167	52452	3.03	ng		97
74) Fluoranthene	12.56	202	878612	47.27	ng		95
77) Pyrene	12.79	202	883574	46.19	ng		99
80) Benzo(a)anthracene	13.97	228	376903	24.11	ng		96
82) Chrysene	14.01	228	276604	18.90	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	117525	10.37	ng		98
87) Benzo(b)fluoranthene	15.00	252	397375	34.93	ng		98
88) Benzo(k)fluoranthene	15.00	252	397375	40.46	ng	#	97
89) Benzo(a)pyrene	15.36	252	210953	21.44	ng		99
90) Dibenzo(a,h)anthracene	16.81	278	31224	3.93	ng	#	75
91) Benzo(g,h,i)perylene	17.23	276	116518	14.50	ng	#	90

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

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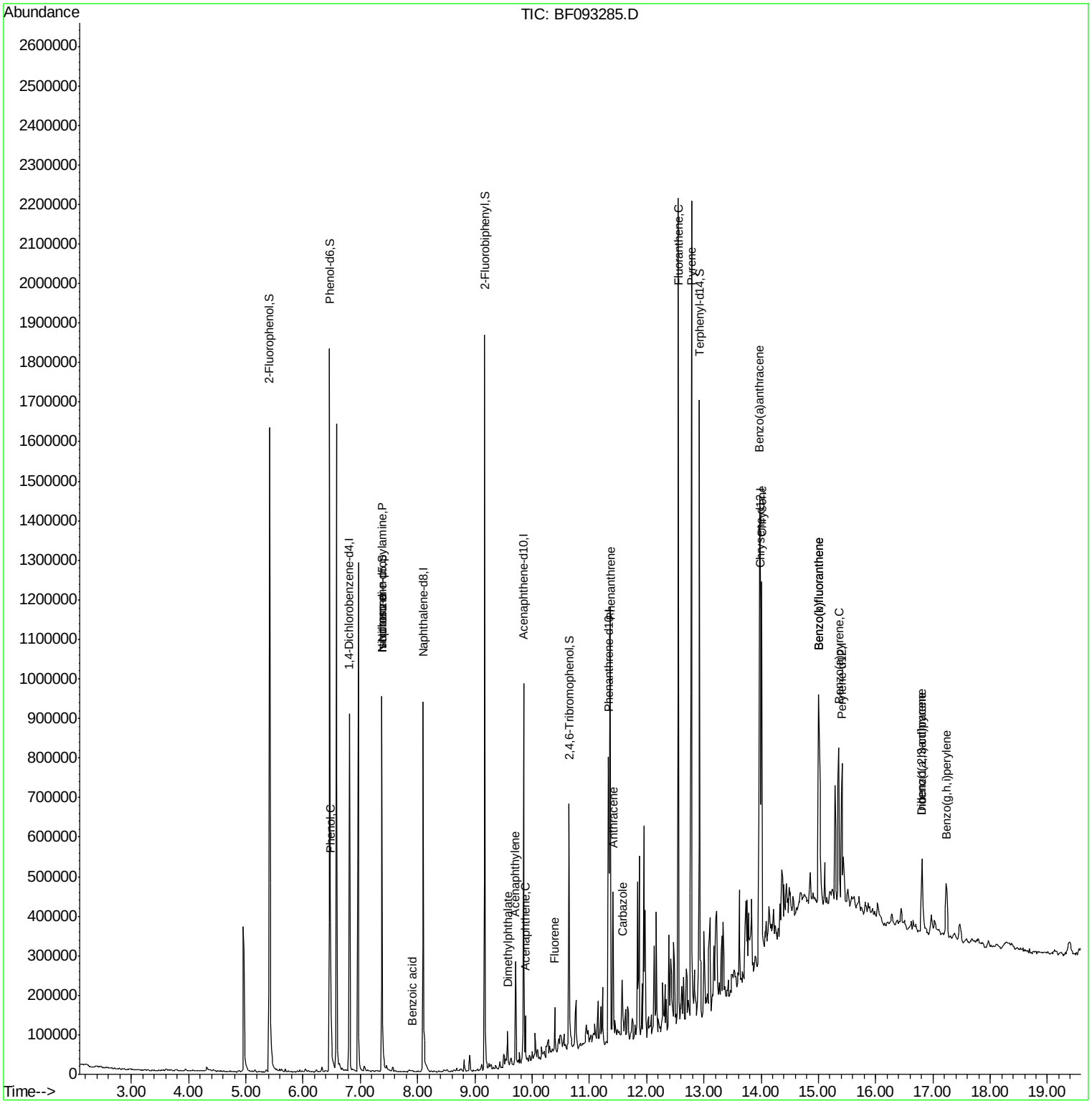
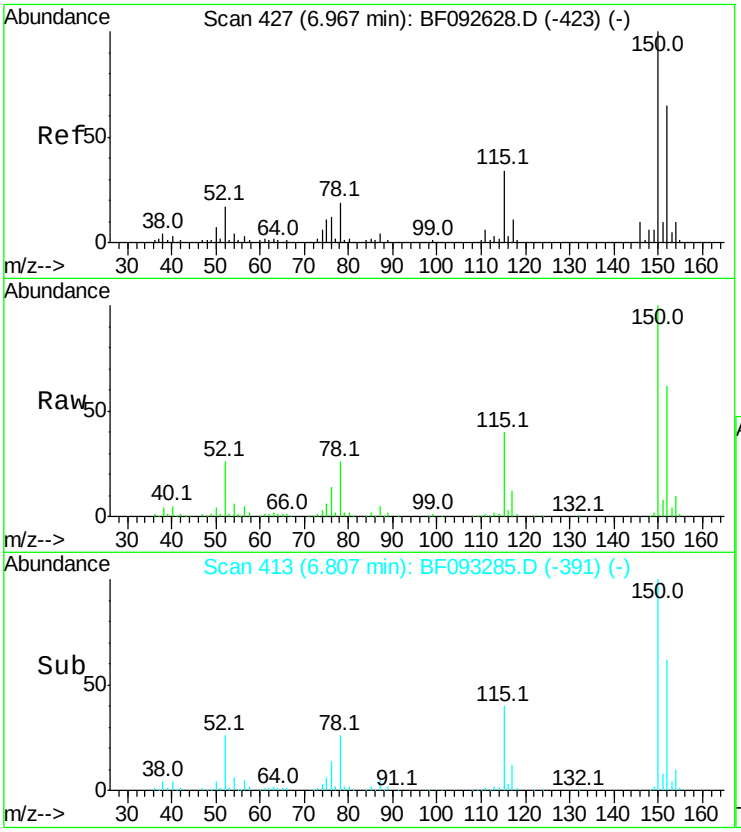


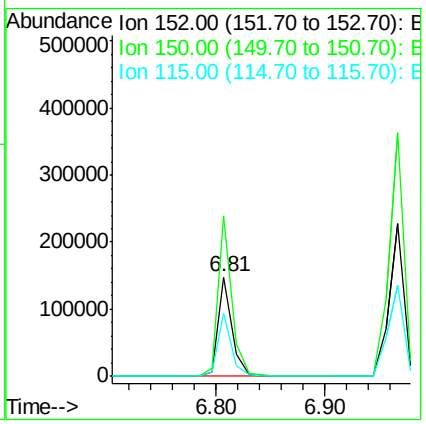


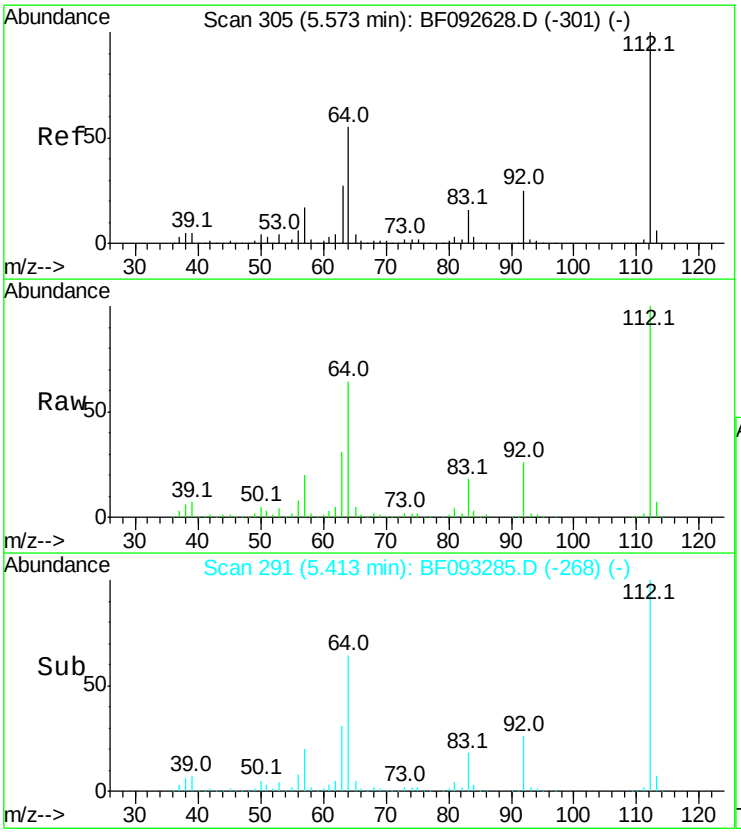
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 132092

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.9	187.3
115	63.8	46.0	69.0

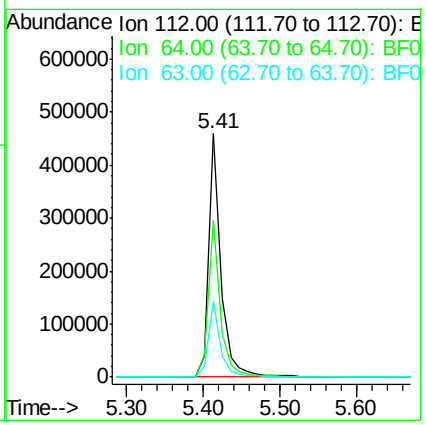


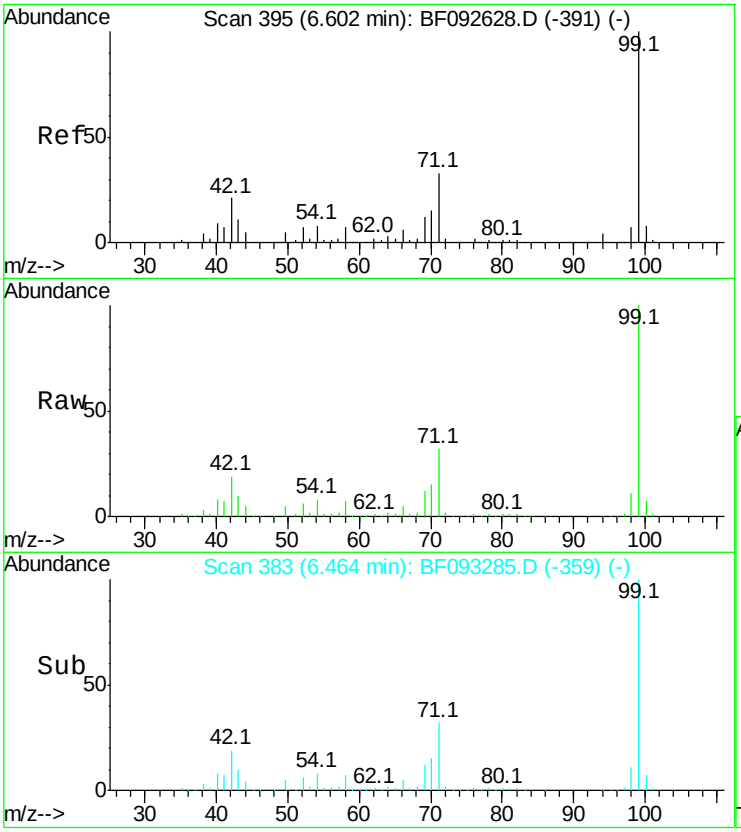


#5
2-Fluorophenol
Concen: 65.72 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:112 Resp: 506003

Ion	Ratio	Lower	Upper
112	100		
64	64.2	46.1	69.1
63	31.4	23.8	35.6



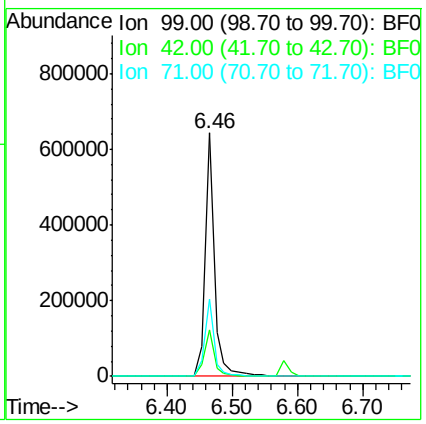


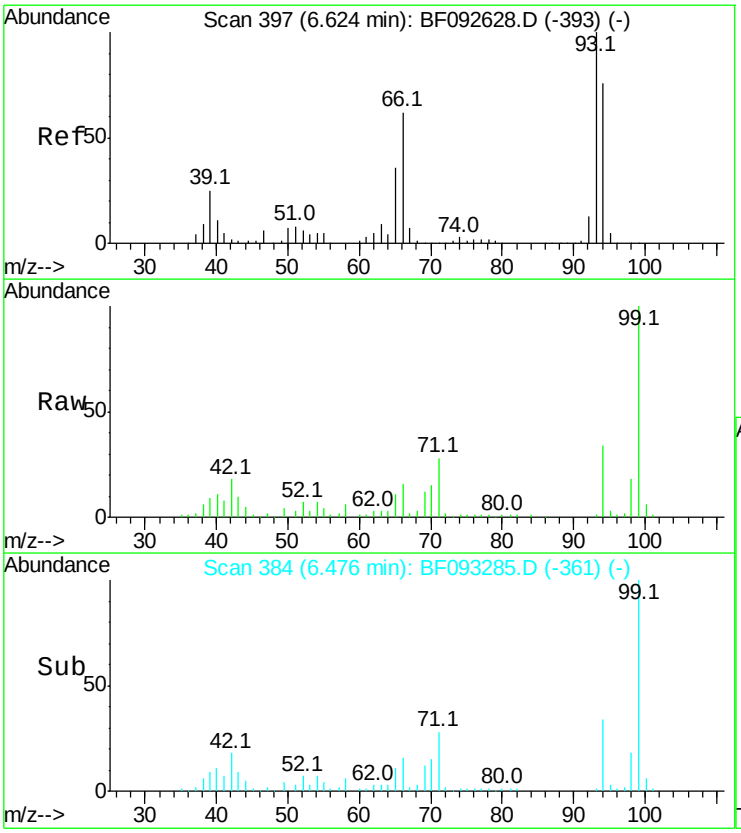
#7
Phenol-d6
Concen: 64.43 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 638320

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	31.9	27.5	41.3

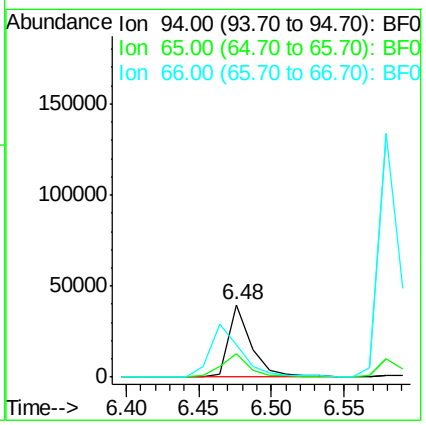


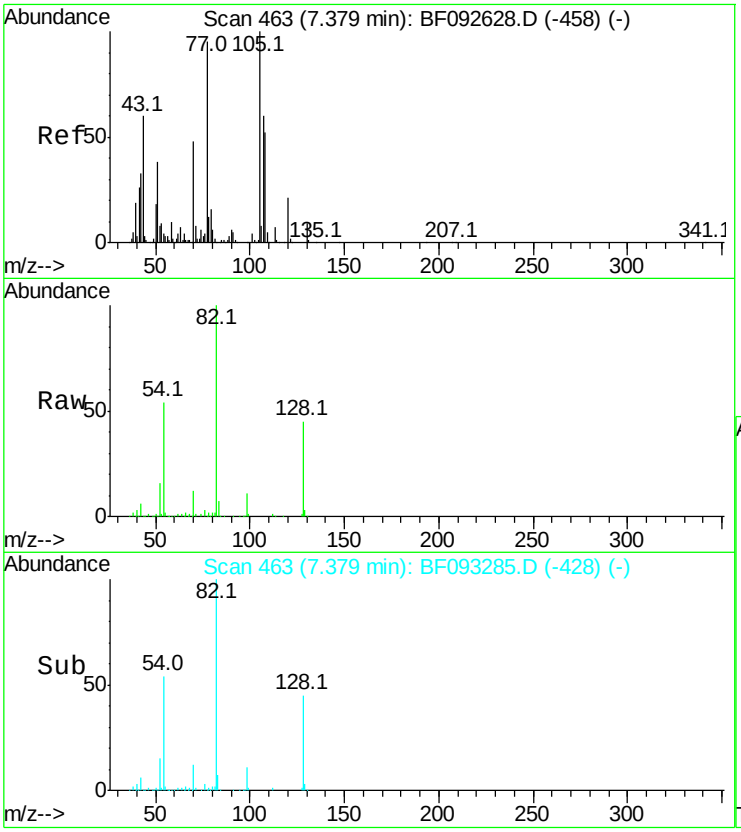


#10
Phenol
Concen: 3.80 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion: 94 Resp: 44044

Ion	Ratio	Lower	Upper
94	100		
65	31.6	21.4	61.4
66	45.7	44.0	84.0



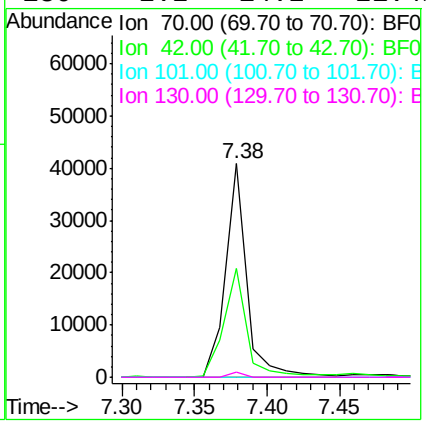


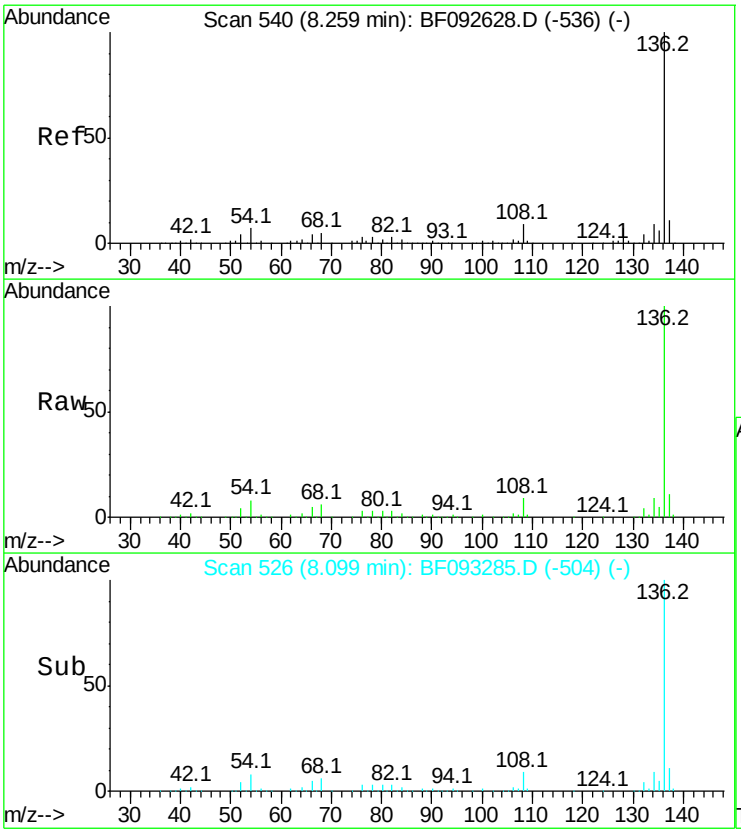
#19
n-Nitroso-di-n-propylamine
Concen: 6.63 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 41811

Ion	Ratio	Lower	Upper
70	100		
42	51.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

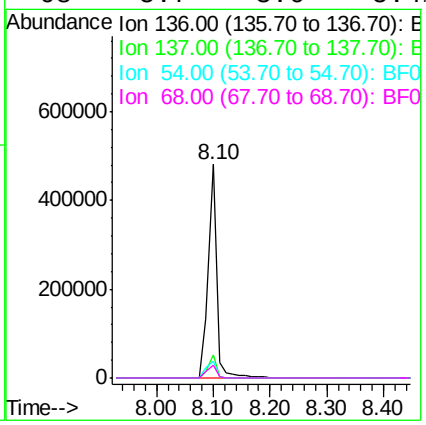


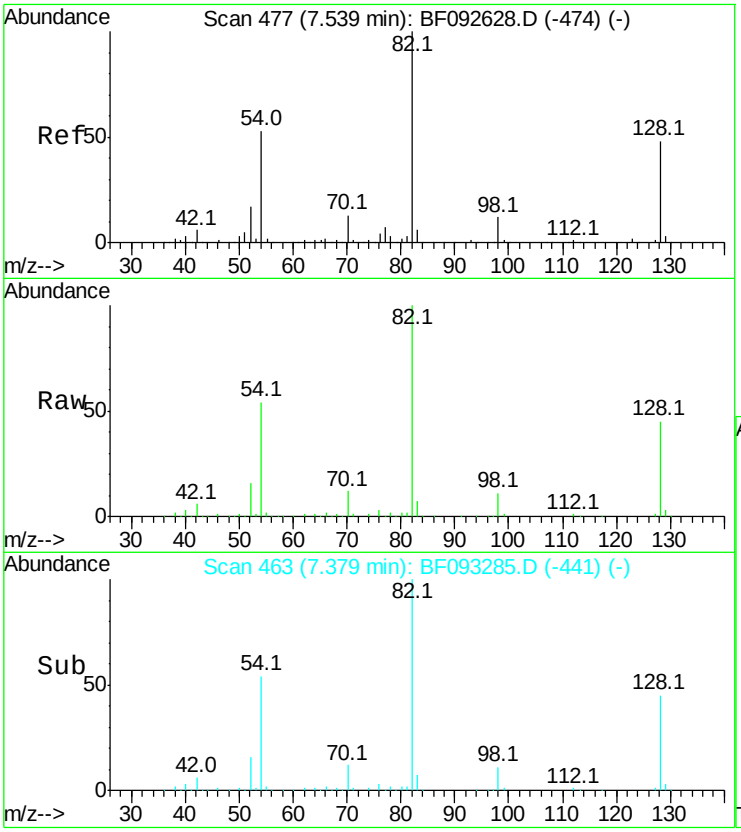


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:136 Resp: 475972

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.1	4.5	6.7#
68	5.7	3.6	5.4#



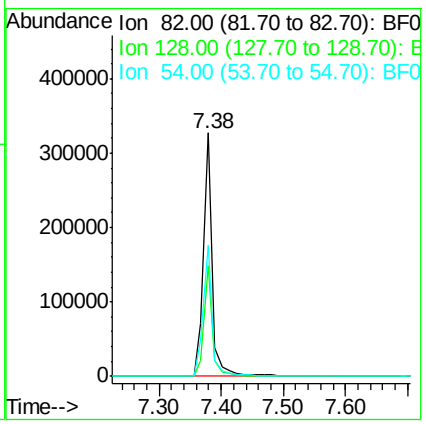


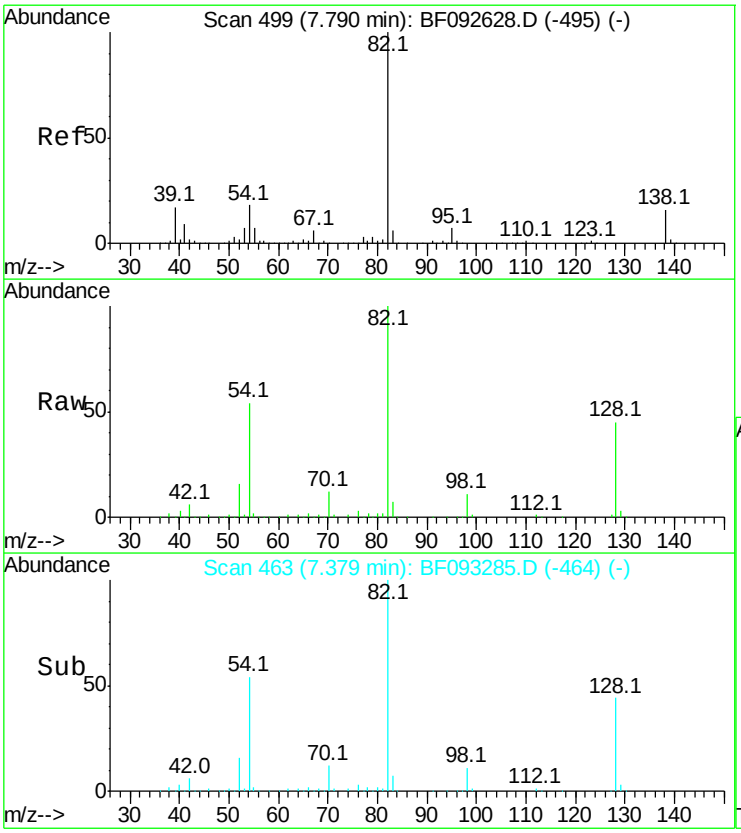
#23
Nitrobenzene-d5
Concen: 38.29 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 327279

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.6	52.0
54	53.8	39.5	59.3

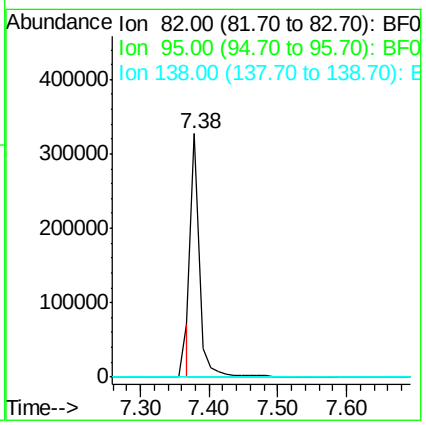


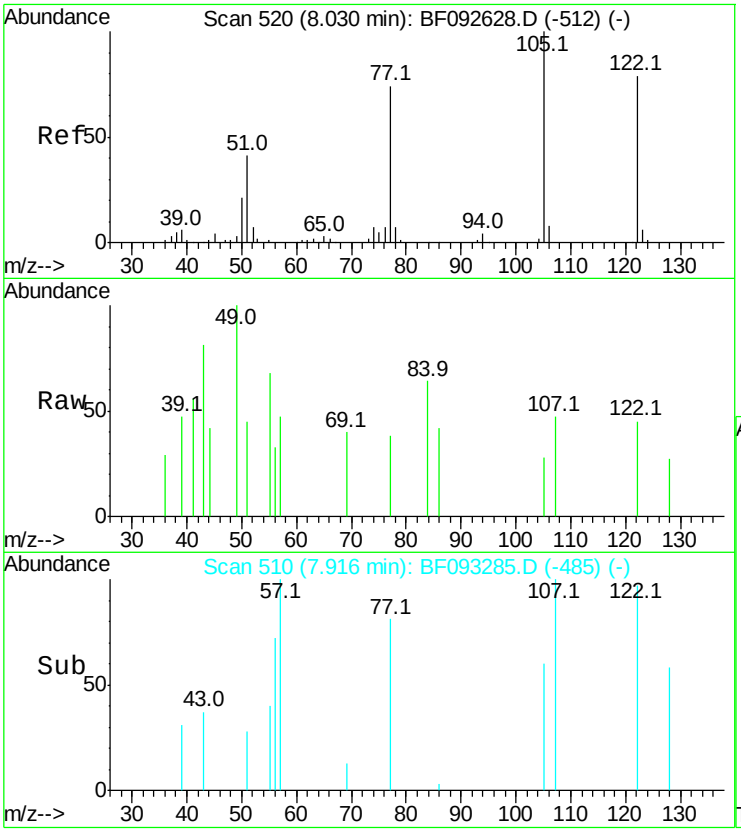


#25
Isophorone
Concen: 17.49 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion: 82 Resp: 278623

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

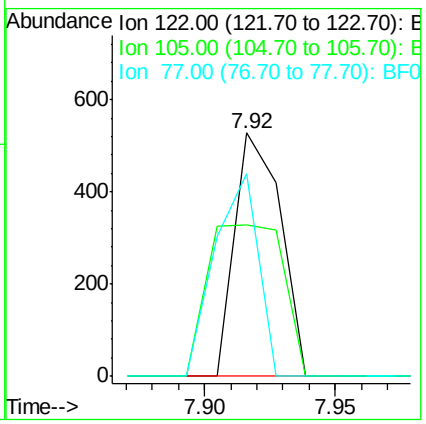




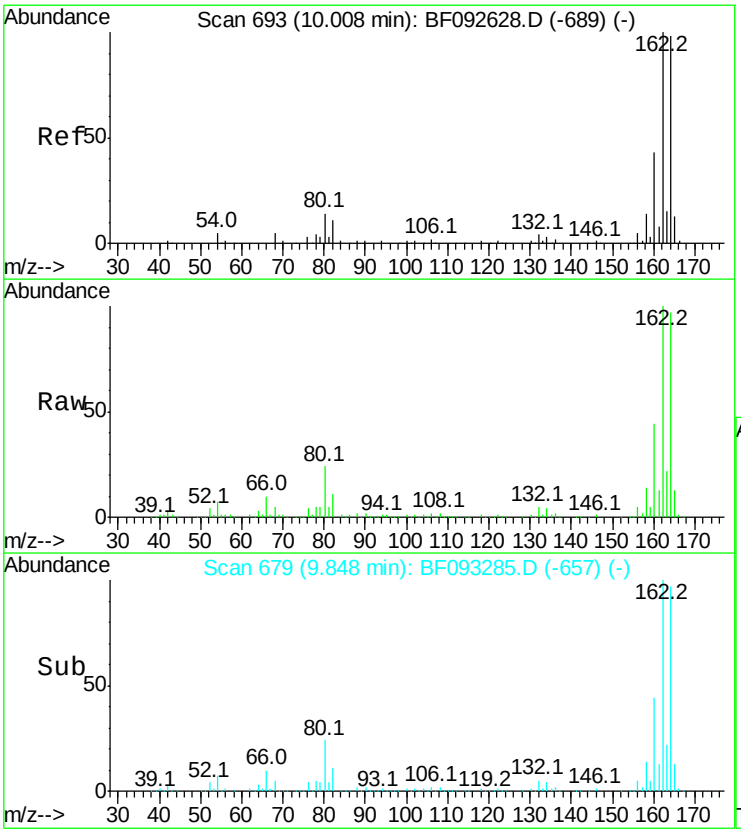
#32
Benzoic acid
Concen: 7.30 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:122 Resp: 649

Ion	Ratio	Lower	Upper
122	100		
105	61.9	107.2	147.2#
77	83.1	74.5	114.5



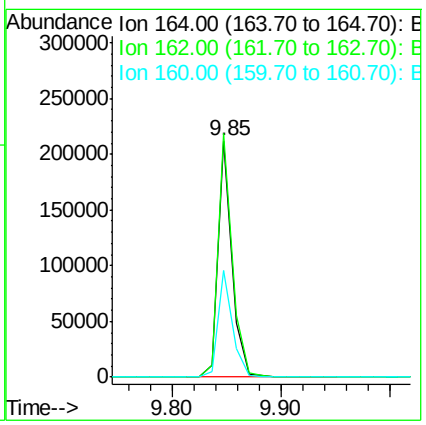
Instrument :
BNA_F
ClientSampleId :

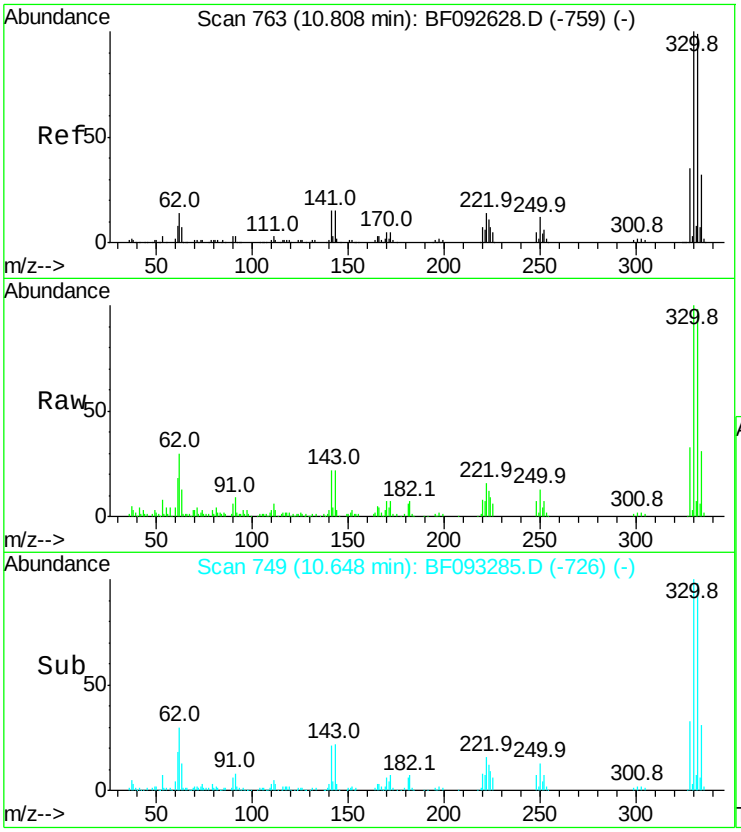


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:164 Resp: 191165

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.1	36.9	55.3



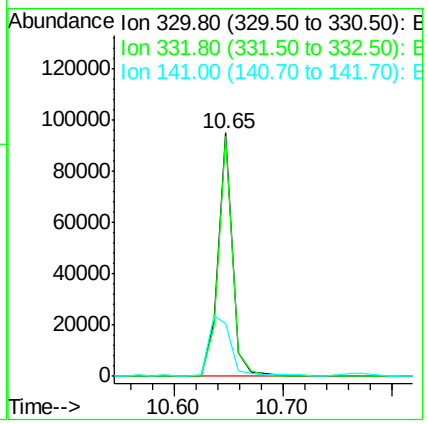


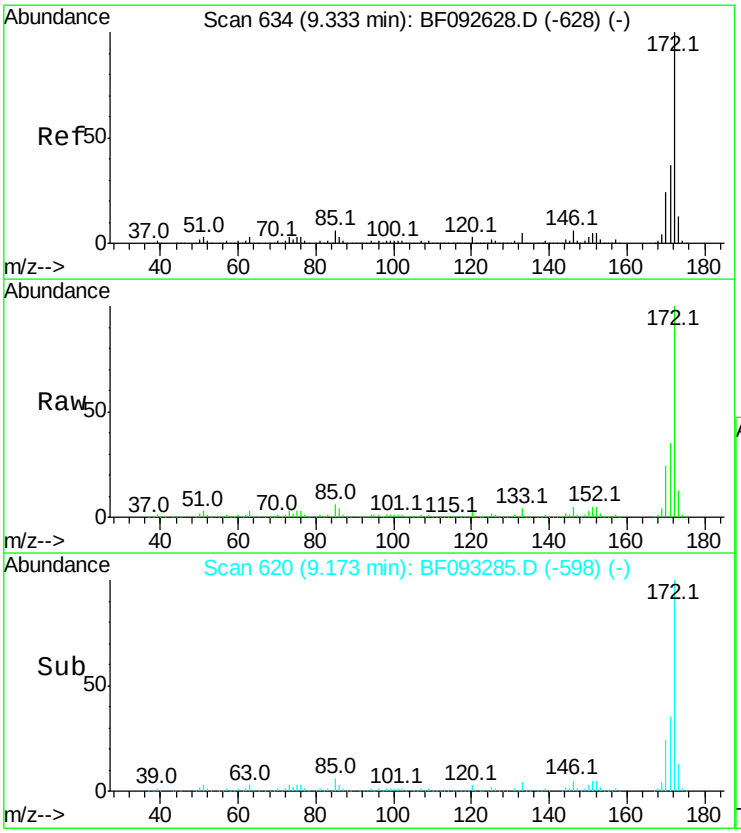
#41
2,4,6-Tribromophenol
Concen: 64.57 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 89275

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	39.8	34.1	51.1

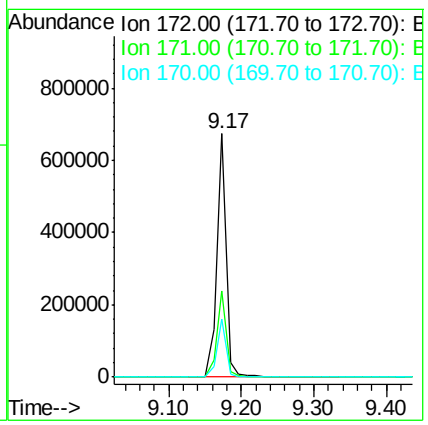


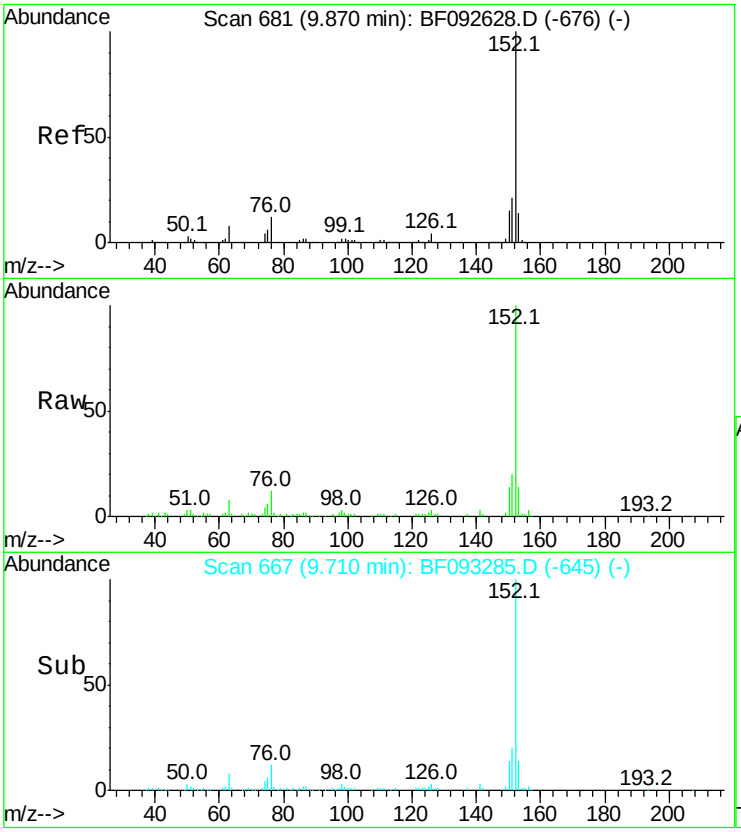


#44
2-Fluorobiphenyl
Concen: 56.54 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:172 Resp: 596596

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	20.2	30.4



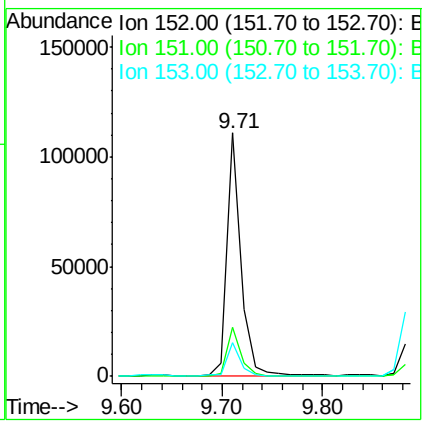


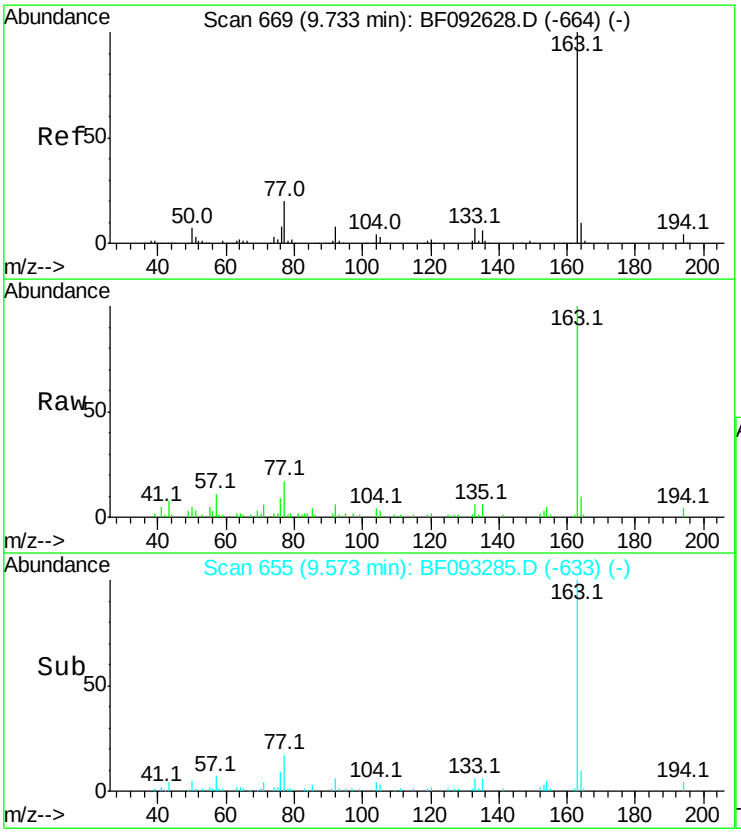
#48
Acenaphthylene
Concen: 5.85 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 109491

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.9	11.4	17.2

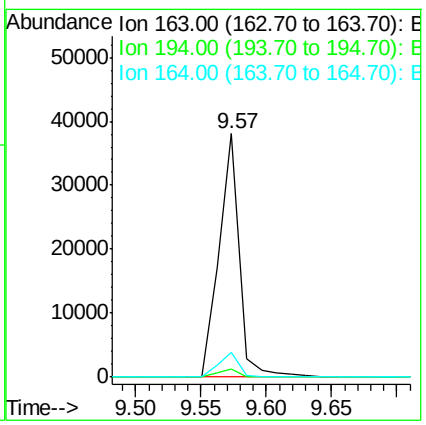


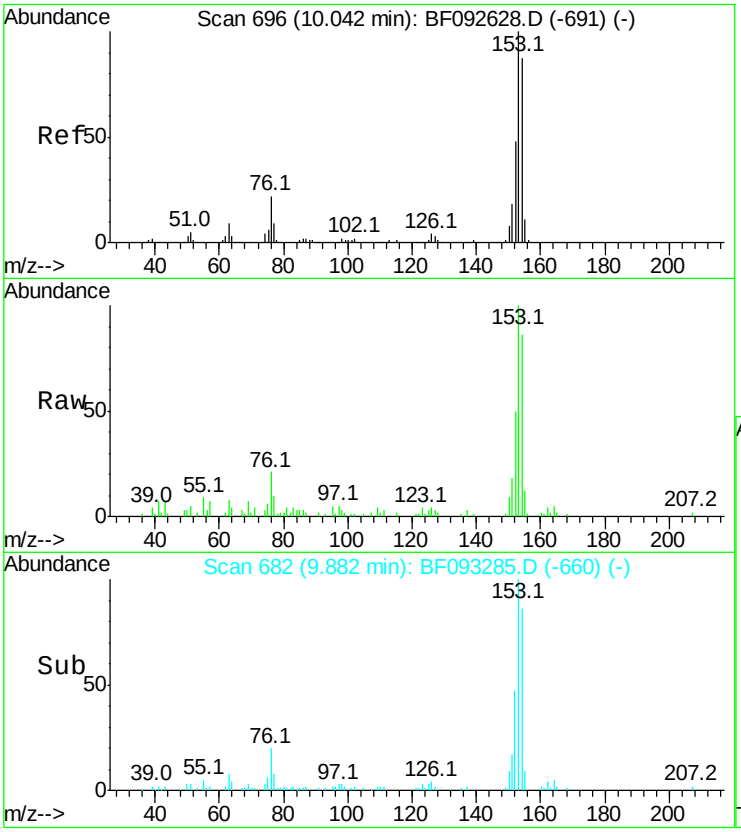


#49
Dimethylphthalate
Concen: 3.22 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:163 Resp: 41517

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.0	8.0	12.0



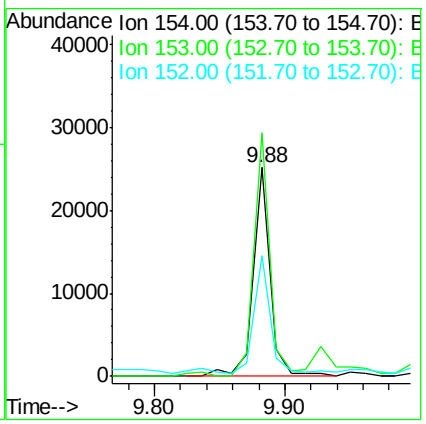


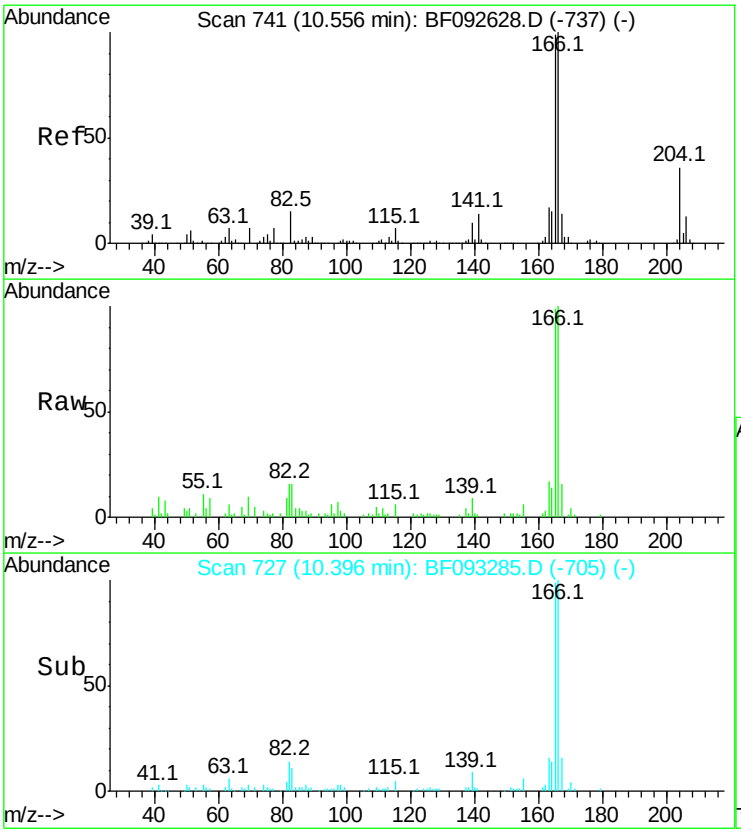
#51
Acenaphthene
Concen: 2.05 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 22889

Ion	Ratio	Lower	Upper
154	100		
153	116.8	88.6	133.0
152	57.9	41.6	62.4

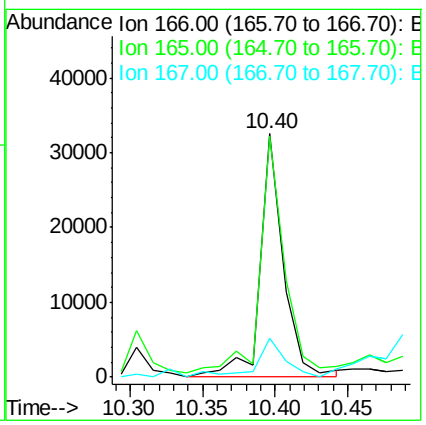


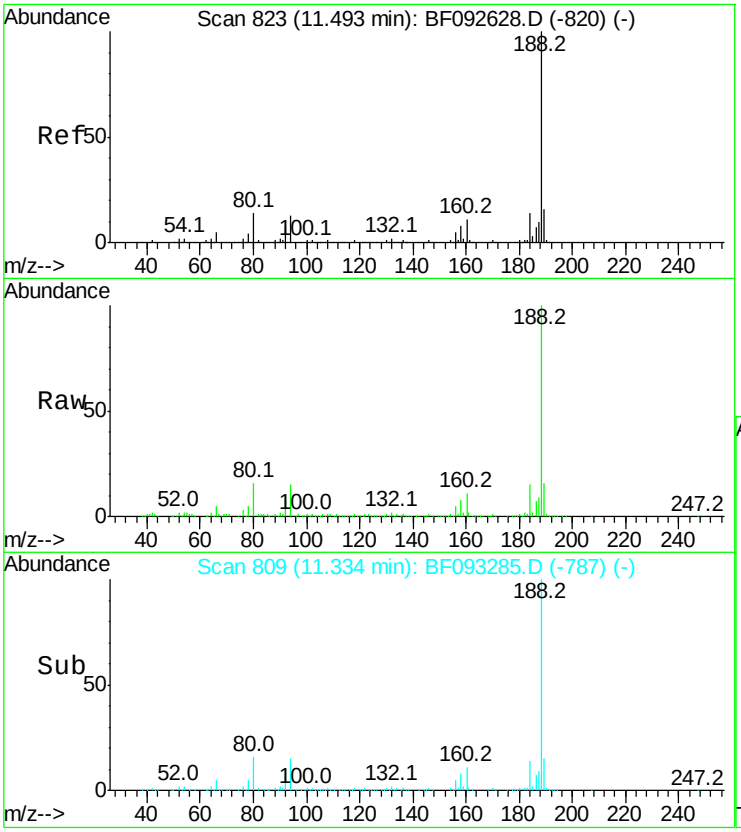


#57
Fluorene
Concen: 3.15 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:166 Resp: 36273

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	15.9	10.8	16.2



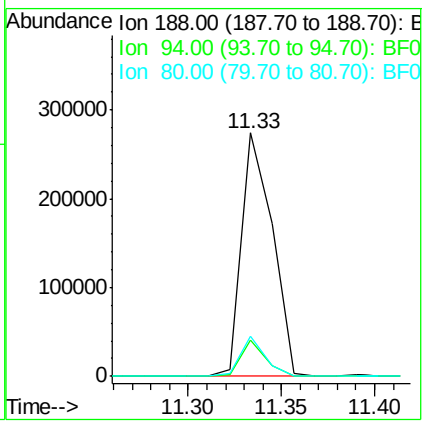


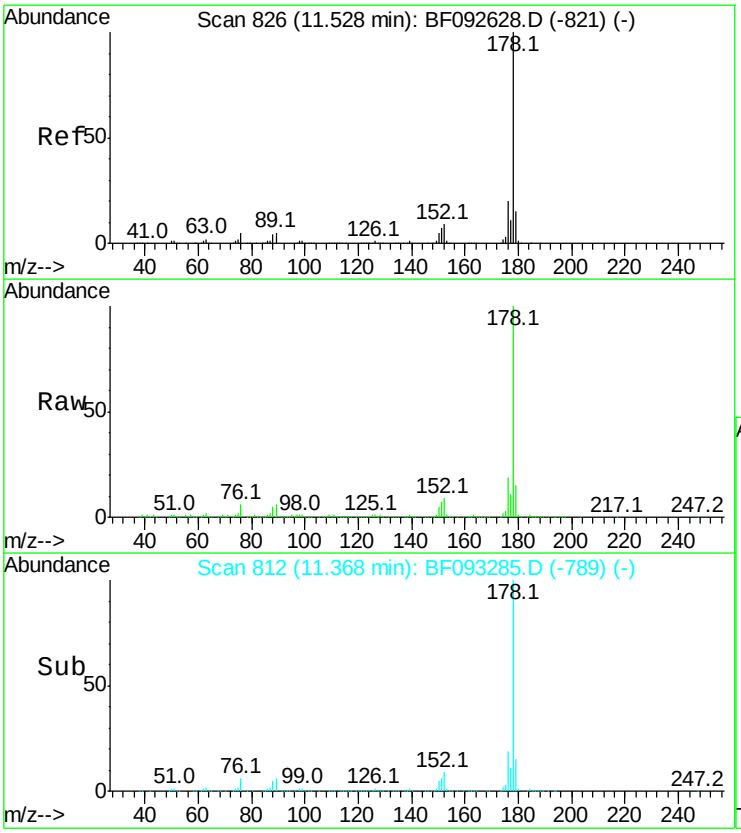
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 314529

Ion	Ratio	Lower	Upper
188	100		
94	14.7	10.0	15.0
80	16.5	11.2	16.8

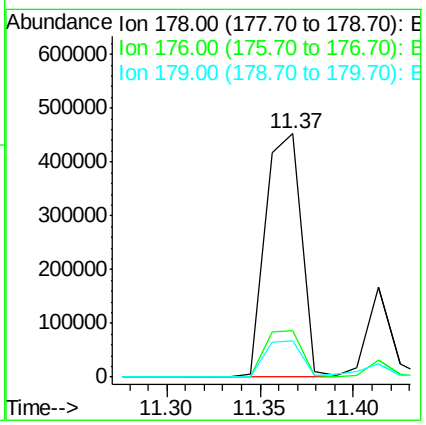


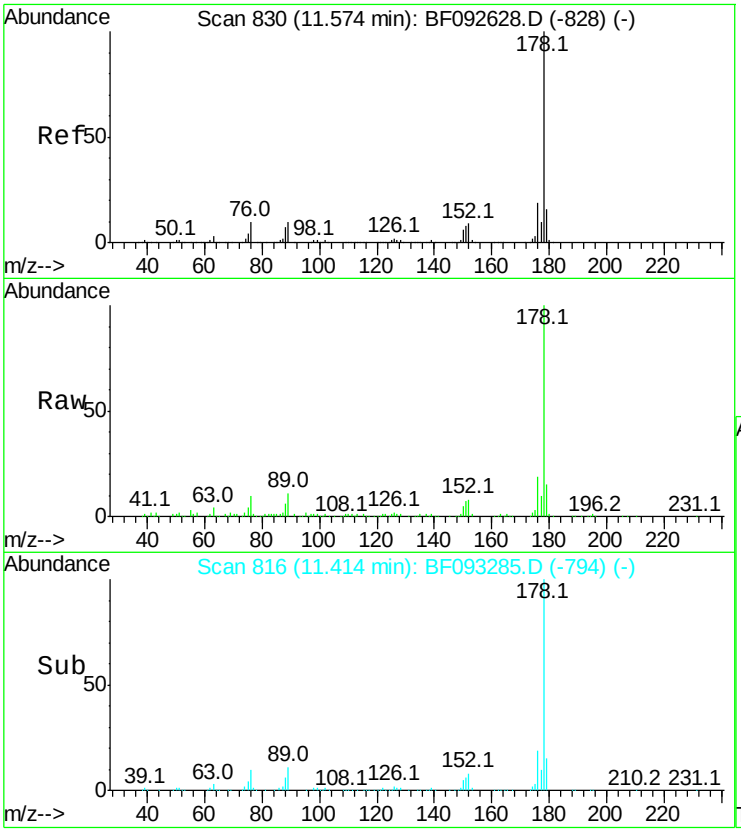


#70
Phenanthrene
Concen: 33.83 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:178 Resp: 609570

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	14.8	12.8	19.2



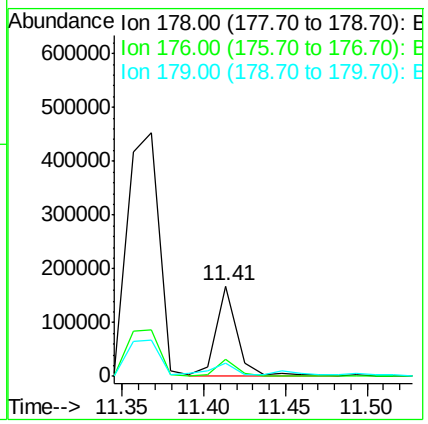


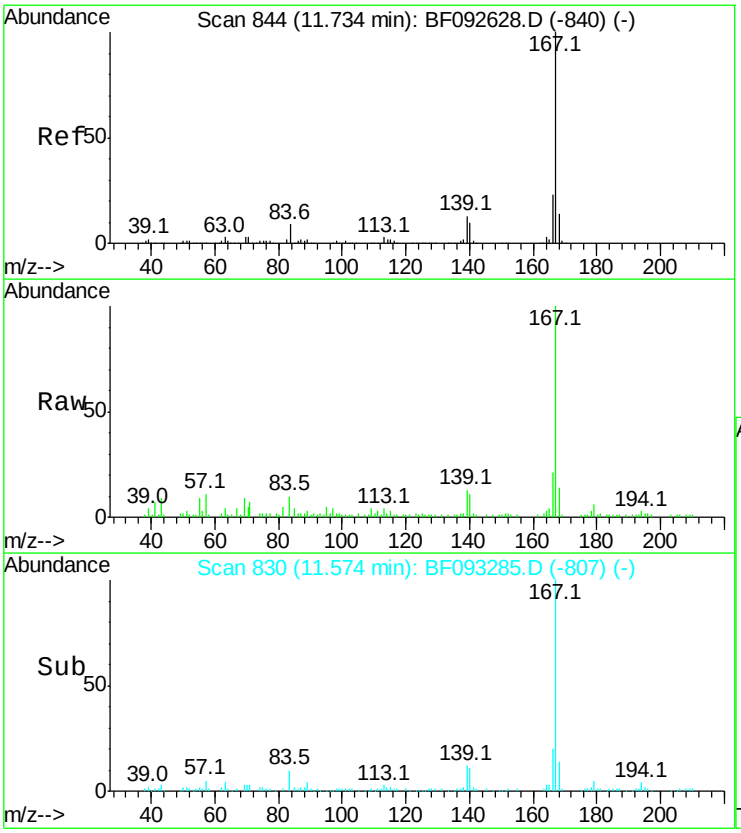
#71
Anthracene
Concen: 8.12 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 146901

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.2	19.8

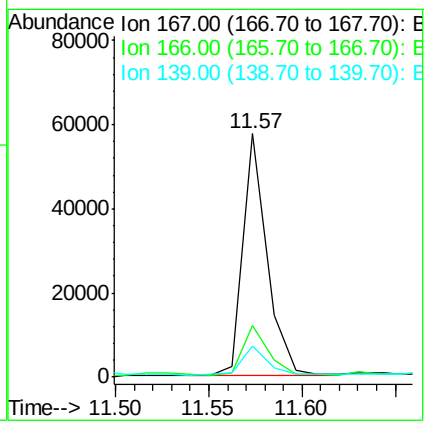


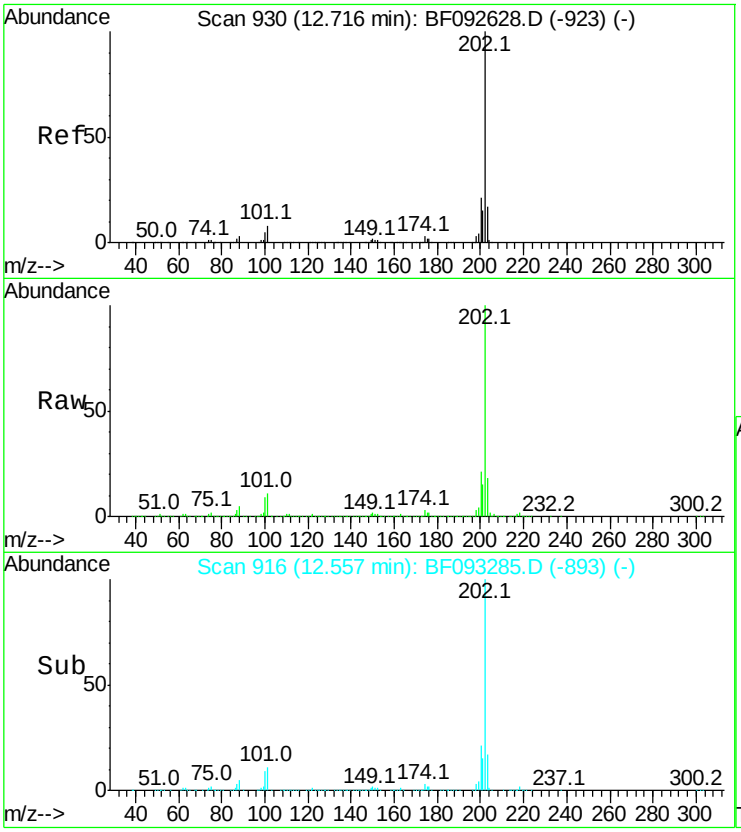


#72
Carbazole
Concen: 3.03 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:167 Resp: 52452

Ion	Ratio	Lower	Upper
167	100		
166	21.0	18.2	27.2
139	12.9	11.4	17.2



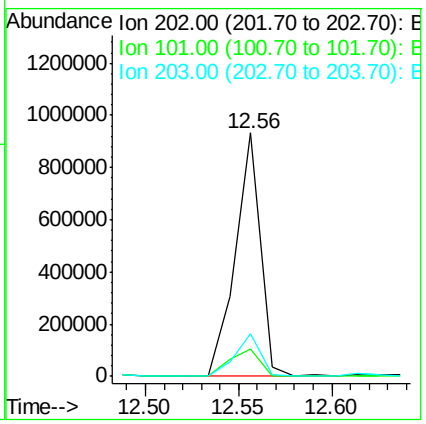


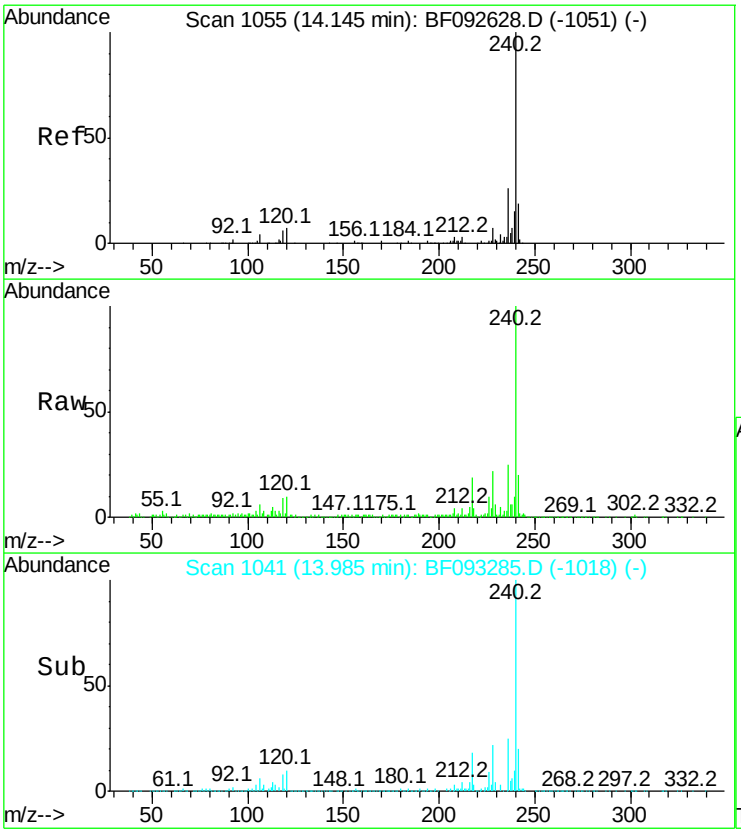
#74
Fluoranthene
Concen: 47.27 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 878612

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	17.6	0.0	38.7

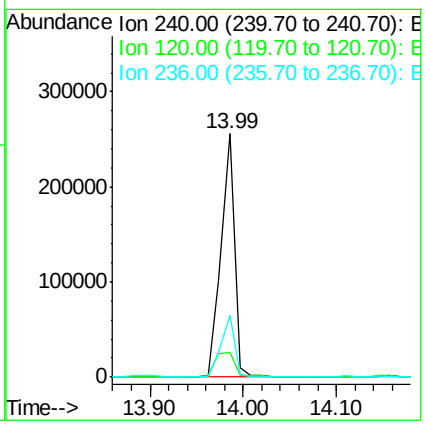


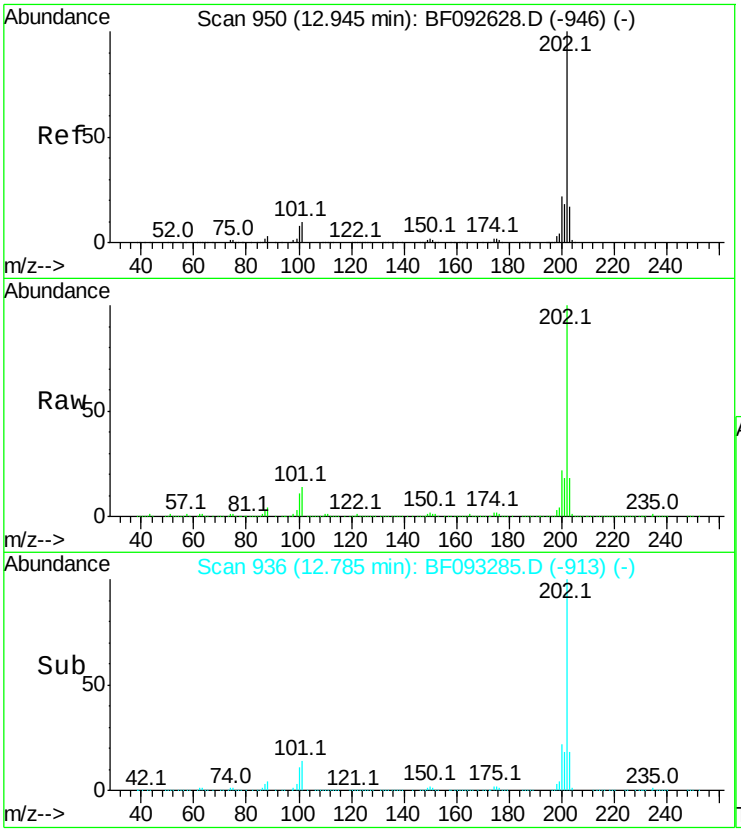


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:240 Resp: 255627

Ion	Ratio	Lower	Upper
240	100		
120	10.0	12.9	19.3#
236	25.4	20.9	31.3

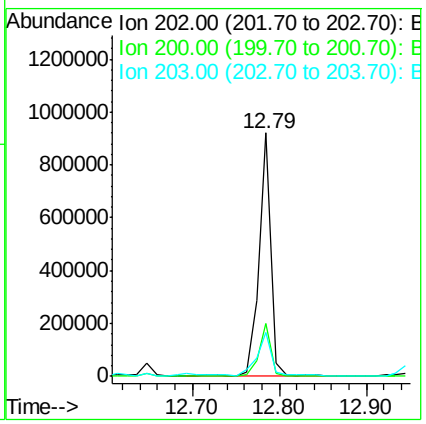




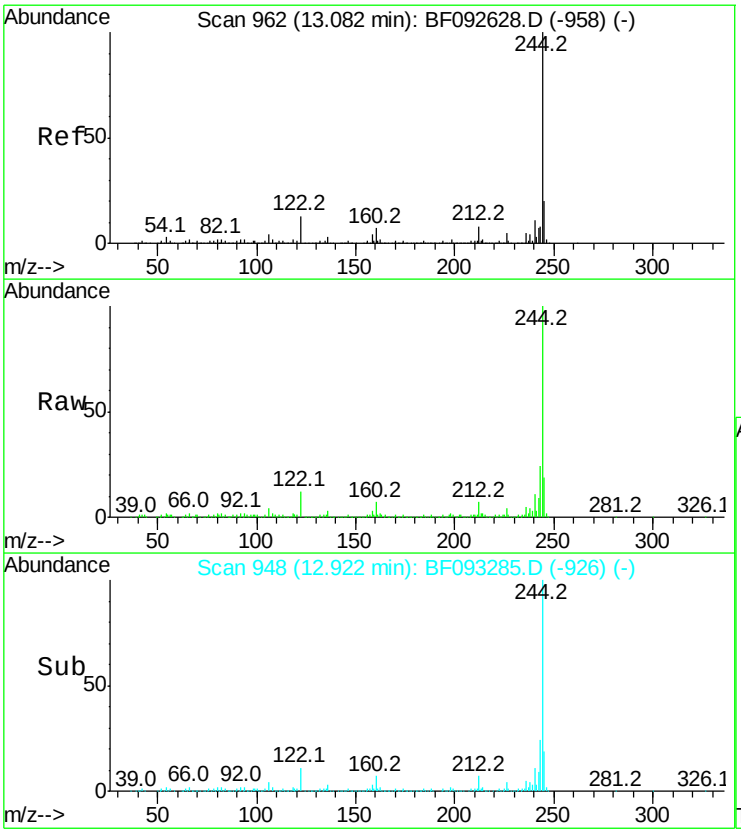
#77
Pyrene
Concen: 46.19 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:202 Resp: 883574

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.9	14.7	22.1



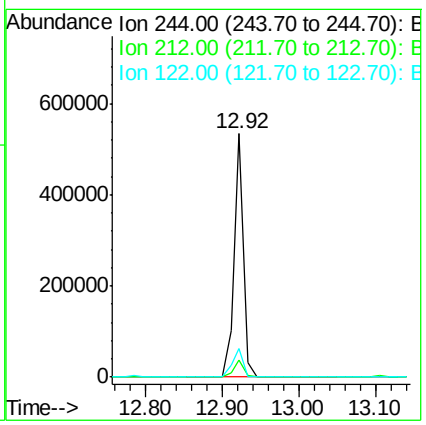
Instrument :
BNA_F
ClientSampleId :

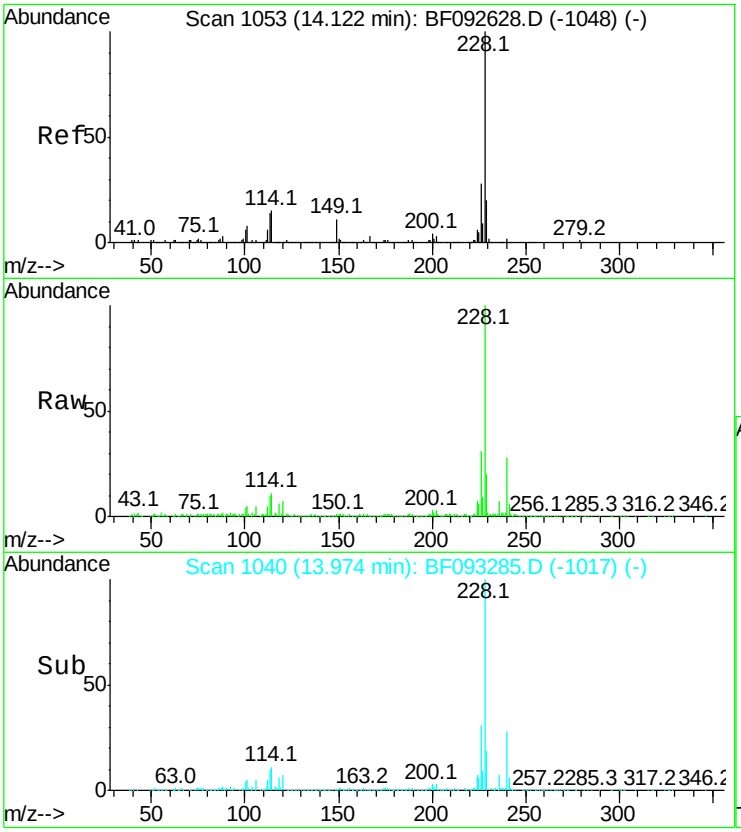


#78
Terphenyl-d14
Concen: 42.49 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:244 Resp: 462268

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	11.5	11.4	17.2



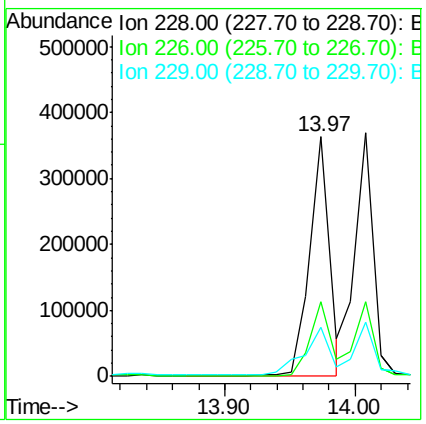


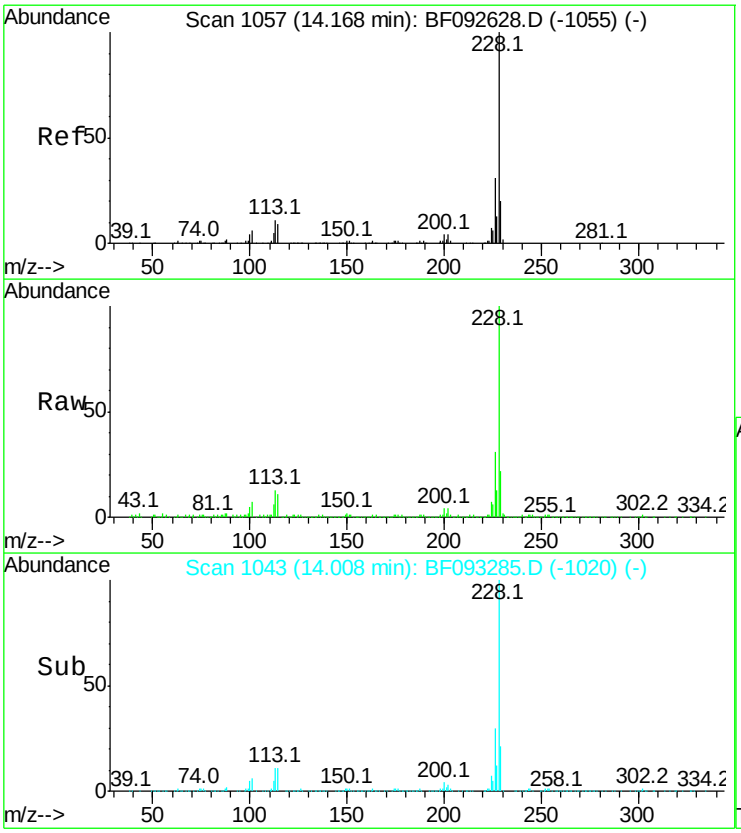
#80
Benzo(a)anthracene
Concen: 24.11 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 376903

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.4	33.6
229	20.2	16.2	24.4

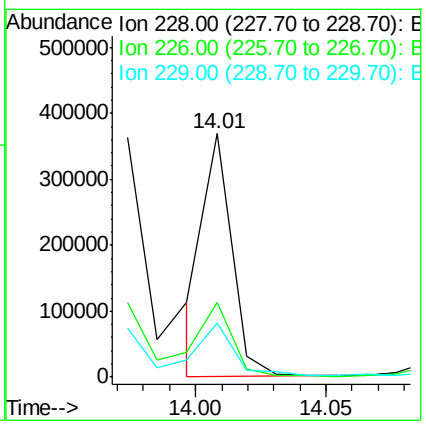


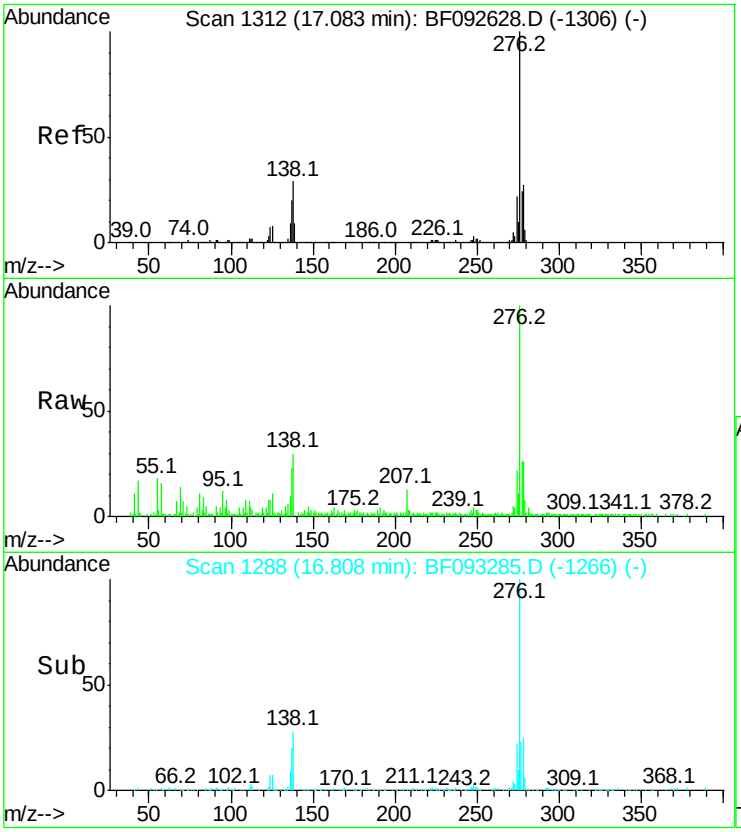


#82
Chrysene
Concen: 18.90 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:228 Resp: 276604

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	22.0	16.2	24.2



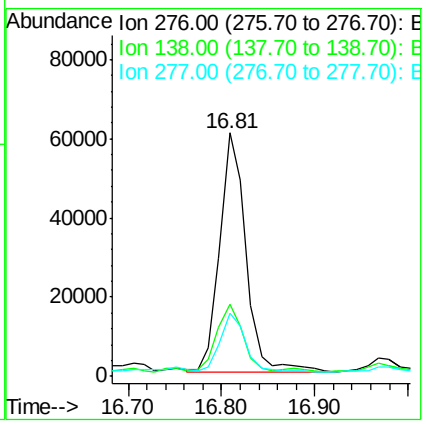


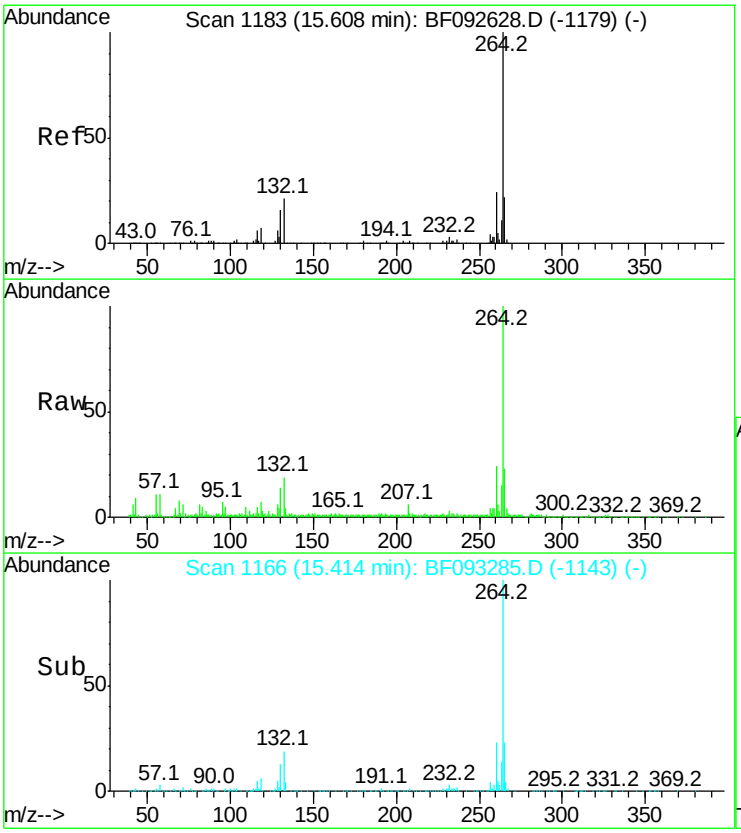
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.37 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 117525

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.6
277	24.0	20.2	30.4

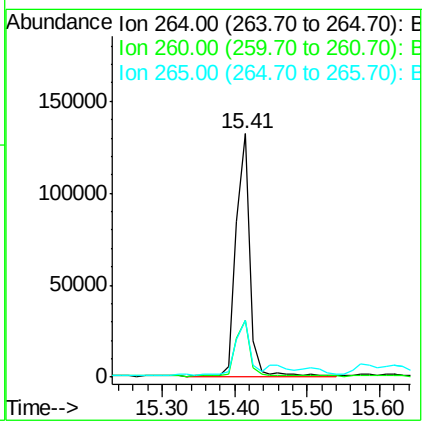


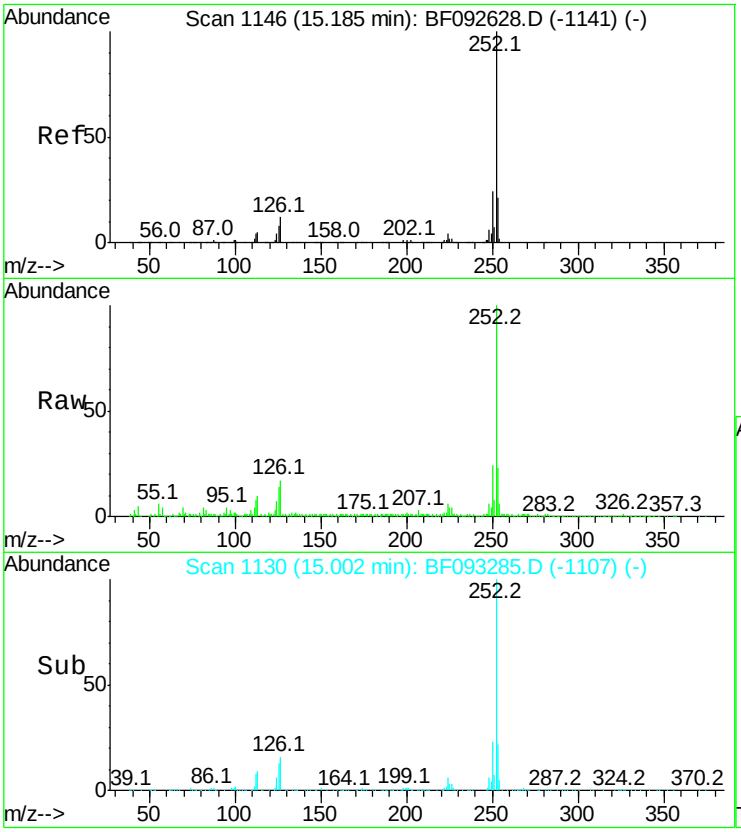


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:264 Resp: 172832

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.3	17.4	26.0



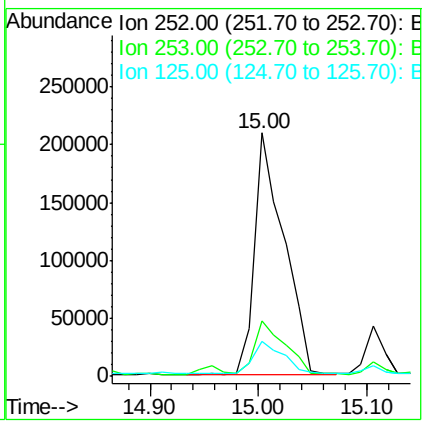


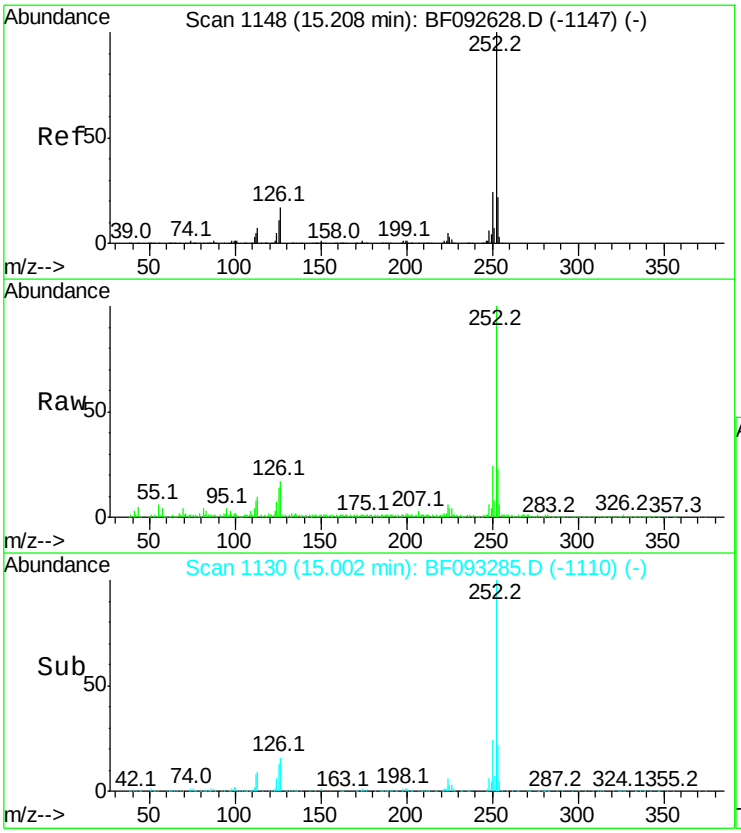
#87
Benzo(b)fluoranthene
Concen: 34.93 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 397375

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	14.3	9.8	14.6

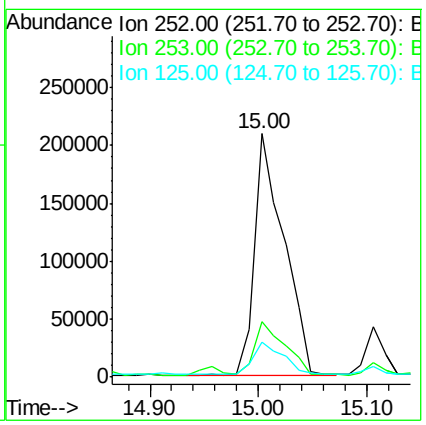


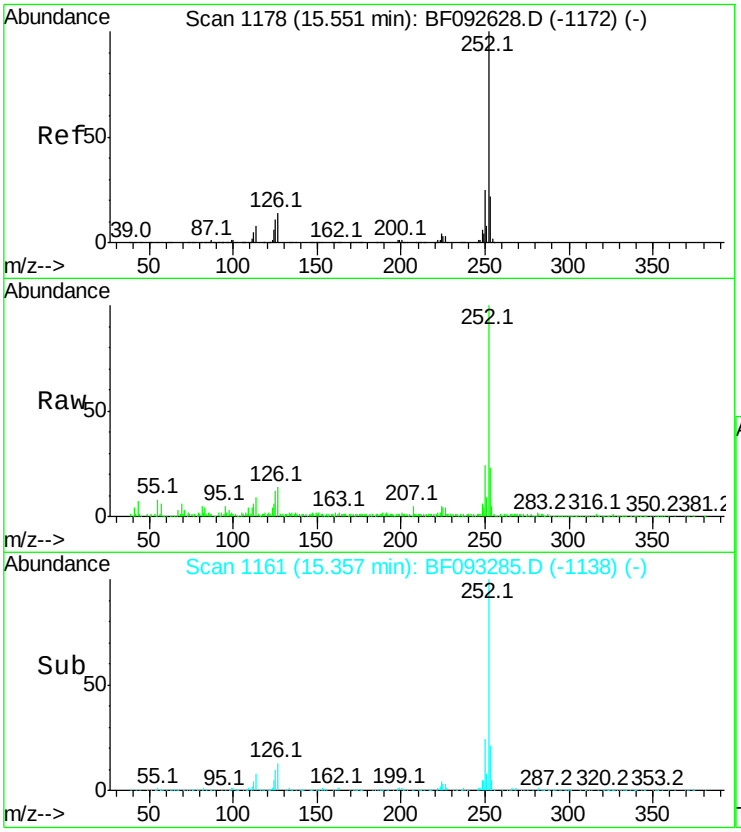


#88
Benzo(k)fluoranthene
Concen: 40.46 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:252 Resp: 397375

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.3	8.9	13.3#



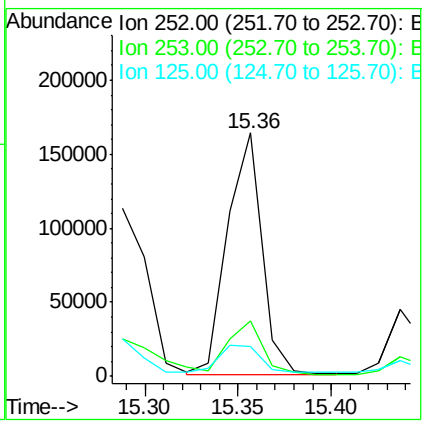


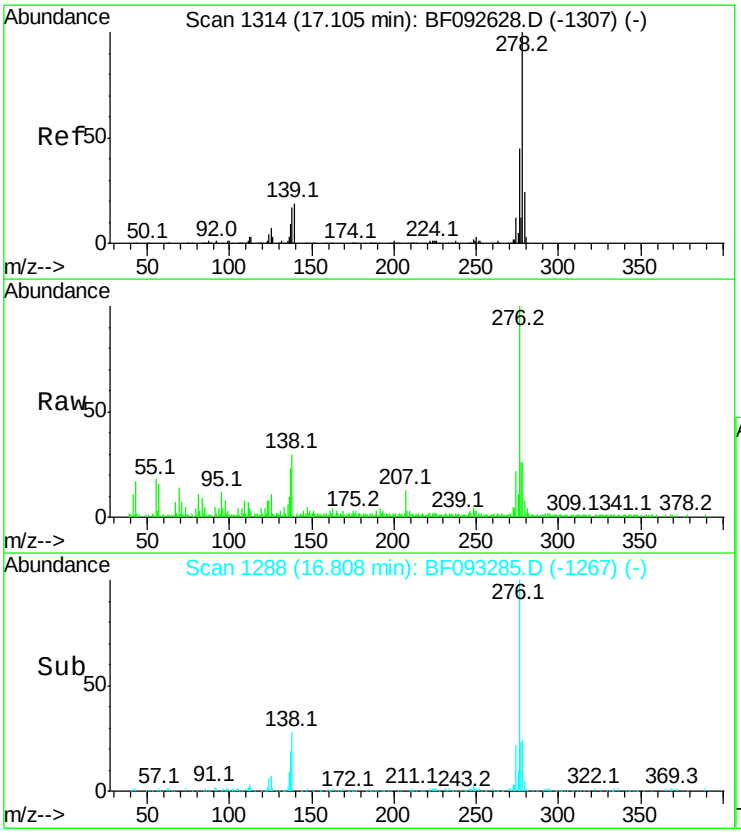
#89
Benzo(a)pyrene
Concen: 21.44 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 210953

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.0	10.0	15.0

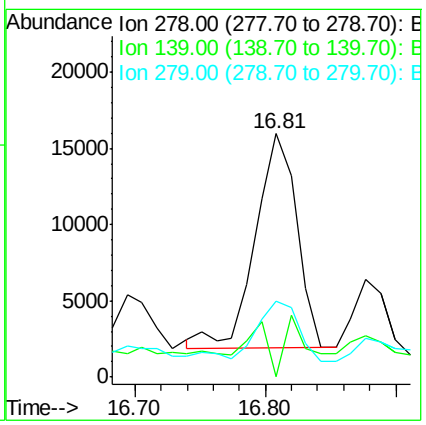


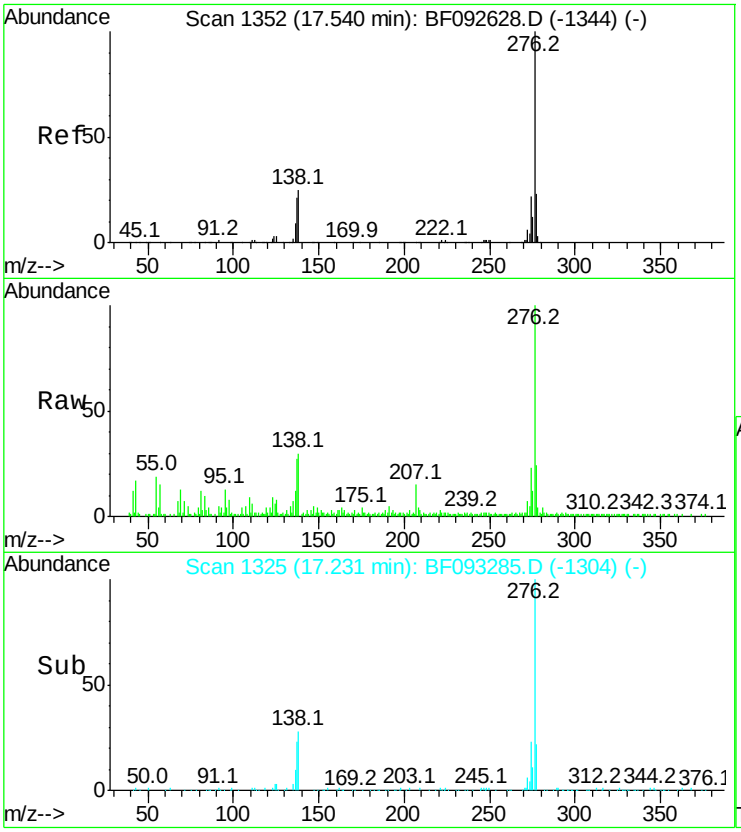


#90
Dibenzo(a,h)anthracene
Concen: 3.93 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Tgt Ion:278 Resp: 31224

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	31.4	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 14.50 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093285.D
Acq: 1 Mar 2017 10:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 116518

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	30.4	16.0	24.0#