Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
Data File : BF092818.D
Acq On : 7 Feb 2017 1:32
Operator : SJ/MA
Sample : I1704-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-002-A

Quant Time: Feb 07 02:12:21 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 01:19:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	139957	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	570327	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	257626	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	371744	20.00	ng		0.00
75) Chrysene-d12	14.09	240	303187	20.00	ng		0.00
86) Perylene-d12	15.55	264	219531	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	659491	80.84	ng		0.01
7) Phenol-d6	6.57	99	1583958	150.90	ng		0.01
23) Nitrobenzene-d5	7.48	82	860586	84.03	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	50253	26.97	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1463169	102.89	ng		0.00
78) Terphenyl-d14	13.04	244	1211054	93.86	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.58	94	82943	6.75	ng	#	58
15) Benzyl Alcohol	7.06	79	38463	4.95	ng		96
19) n-Nitroso-di-n-propylamine	7.48	70	117015	17.51	ng	#	82
25) Isophorone	7.48	82	675049	35.37	ng	#	65
31) Naphthalene	8.22	128	191550	6.63	ng		97
32) Benzoic acid	8.00	122	763	7.30	ng	#	1
33) 4-Chloroaniline	8.22	127	23736	2.09	ng	#	45
37) 2-Methylnaphthalene	8.91	142	58278	3.14	ng		98
49) Dimethylphthalate	9.66	163	174616	10.06	ng		99
51) Acenaphthene	9.98	154	111512	7.40	ng		96
54) Dibenzofuran	10.16	168	125630	6.23	ng		95
55) 4-Nitrophenol	10.16	139	44457	14.39	ng	#	7
57) Fluorene	10.50	166	124936	8.06	ng		97
70) Phenanthrene	11.47	178	826819	38.82	ng		98
71) Anthracene	11.52	178	220766	10.32	ng		98
72) Carbazole	11.68	167	120741	5.91	ng		96
74) Fluoranthene	12.66	202	713037	32.46	ng		95
77) Pyrene	12.89	202	603959	26.62	ng		99
79) Butylbenzylphthalate	13.51	149	45187	4.90	ng	#	78
80) Benzo(a)anthracene	14.08	228	308847	16.66	ng		99
82) Chrysene	14.11	228	189562	10.92	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	80435	5.98	ng		93
87) Benzo(b)fluoranthene	15.12	252	297909	20.62	ng	#	93
88) Benzo(k)fluoranthene	15.12	252	297909	23.88	ng	#	93
89) Benzo(a)pyrene	15.48	252	148471	11.88	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	79049	7.75	ng	#	89

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

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Instrument :
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FK-SF-01-002-A

Quant Time: Feb 07 02:12:21 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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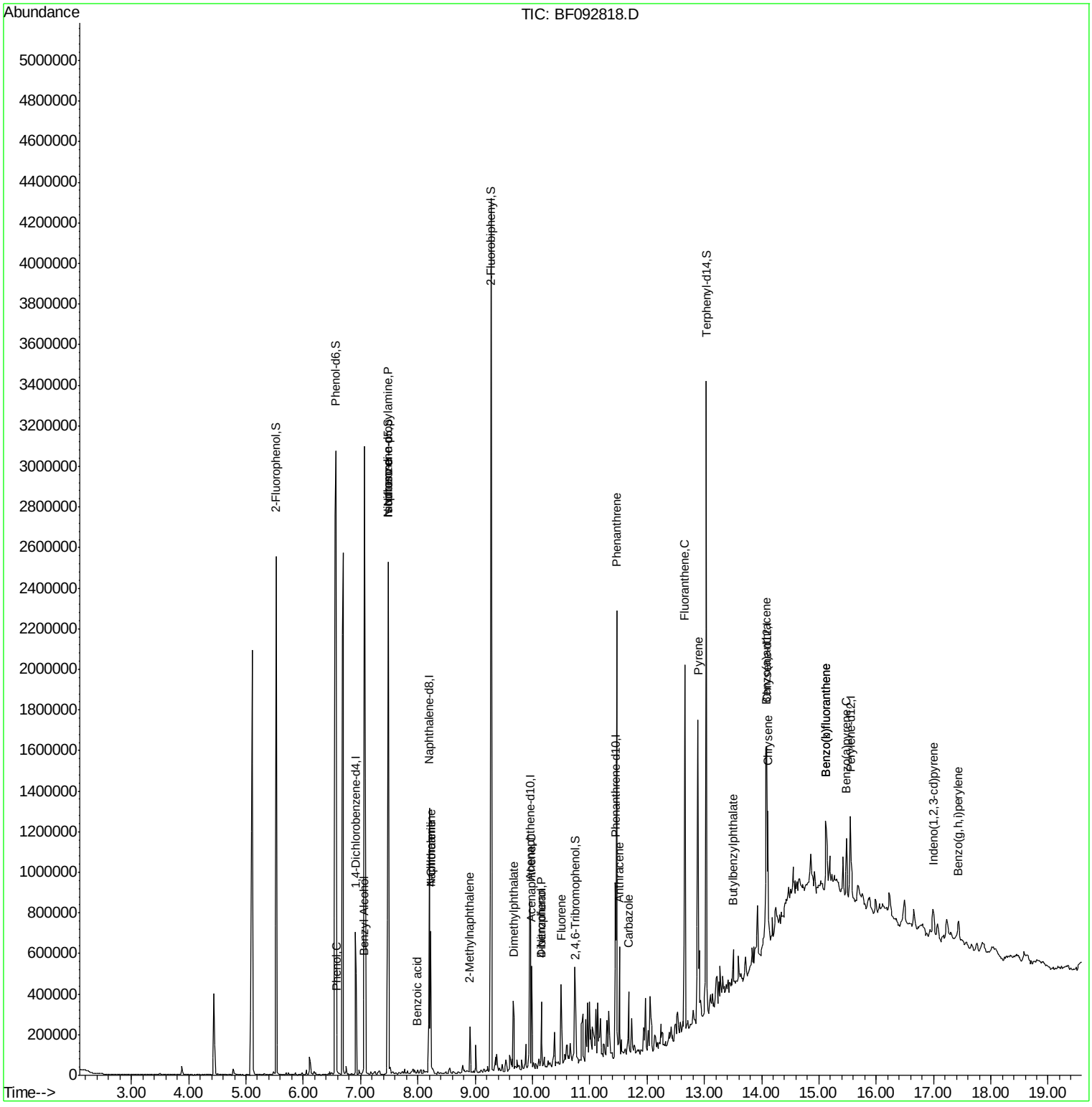
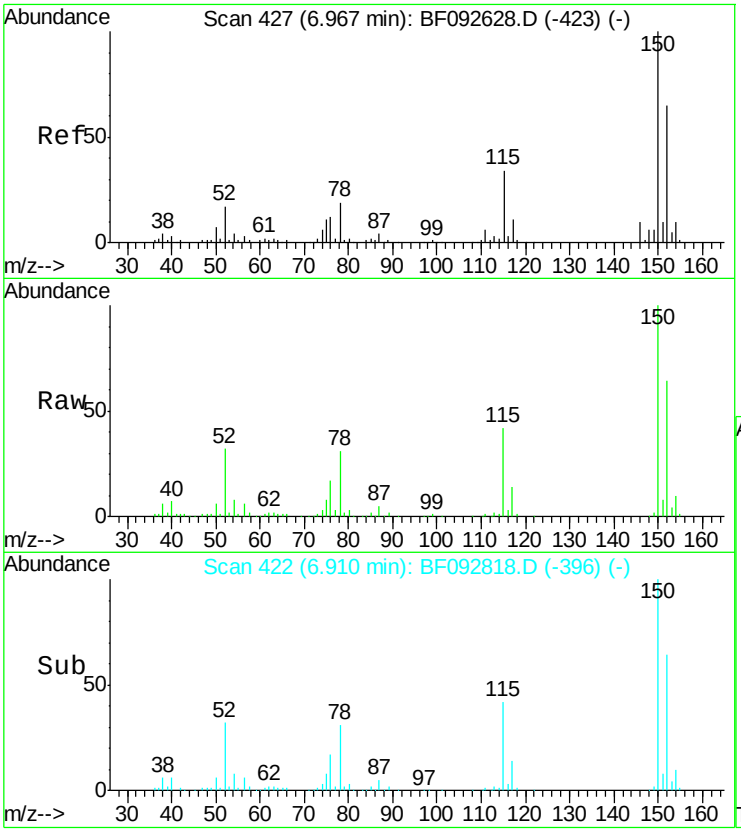


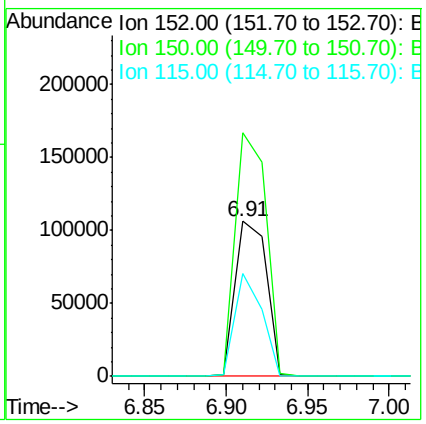


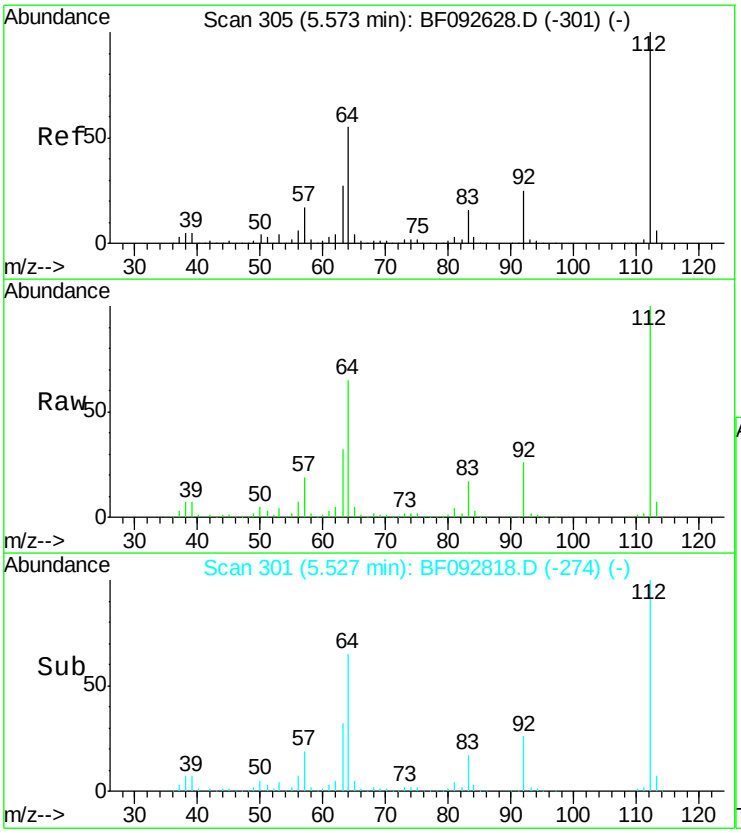
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:152 Resp: 139957

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.9	187.3
115	66.6	46.0	69.0

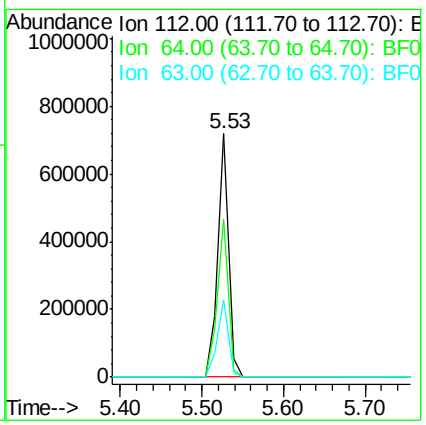


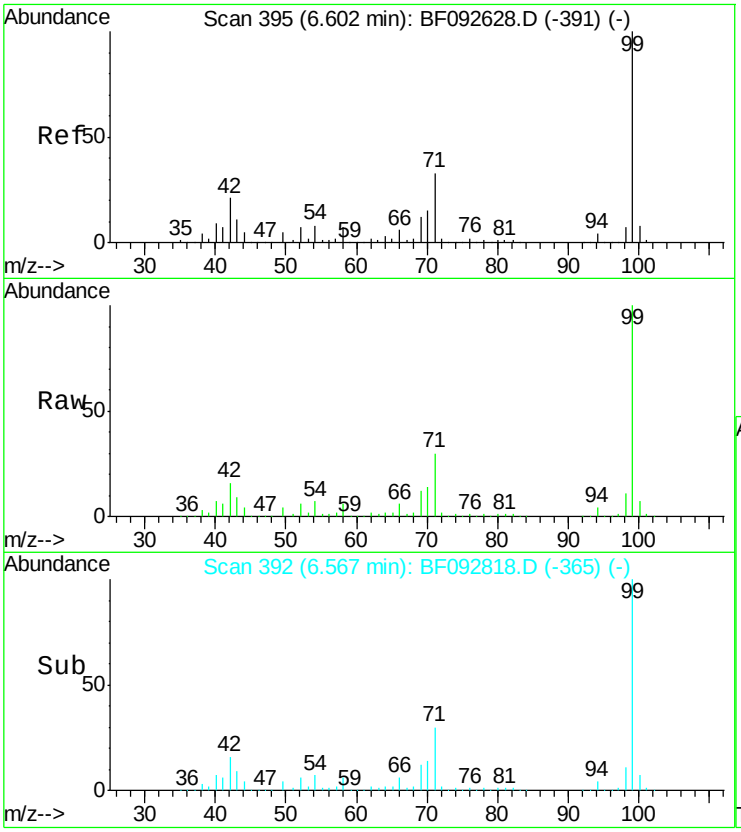


#5
2-Fluorophenol
Concen: 80.84 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:112 Resp: 659491

Ion	Ratio	Lower	Upper
112	100		
64	64.7	46.1	69.1
63	31.8	23.8	35.6



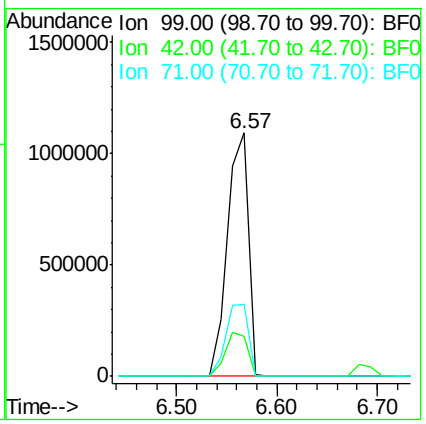


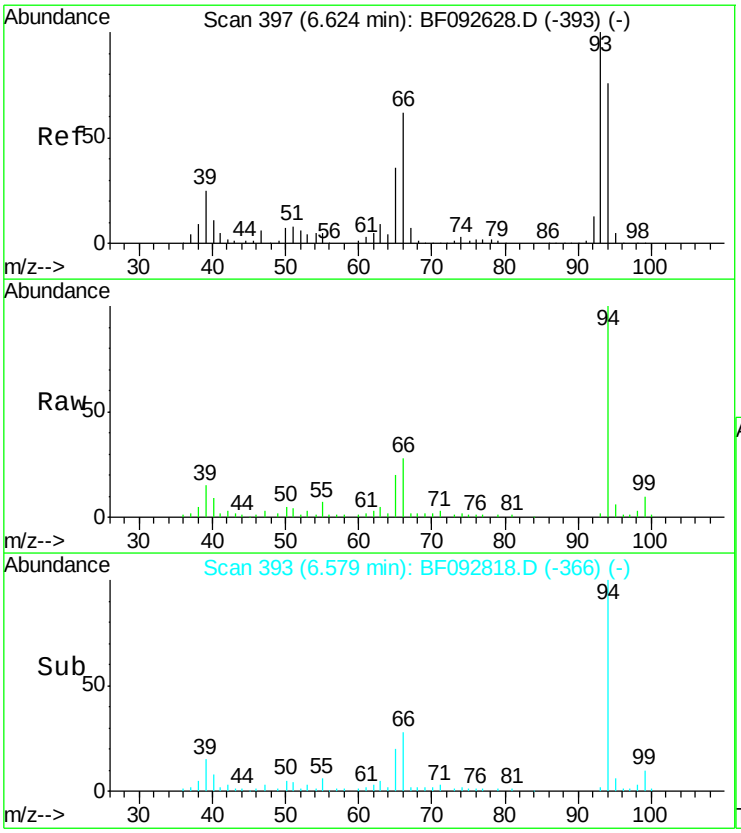
#7
Phenol-d6
Concen: 150.90 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion: 99 Resp: 1583958

Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.6	23.4
71	29.8	27.5	41.3

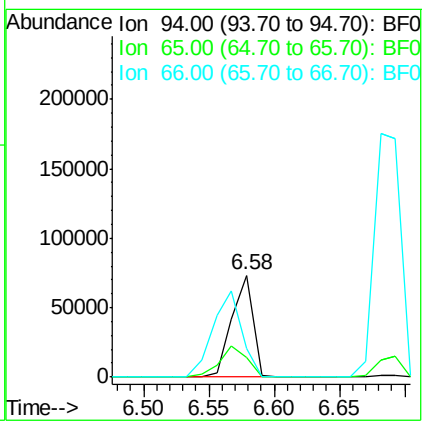


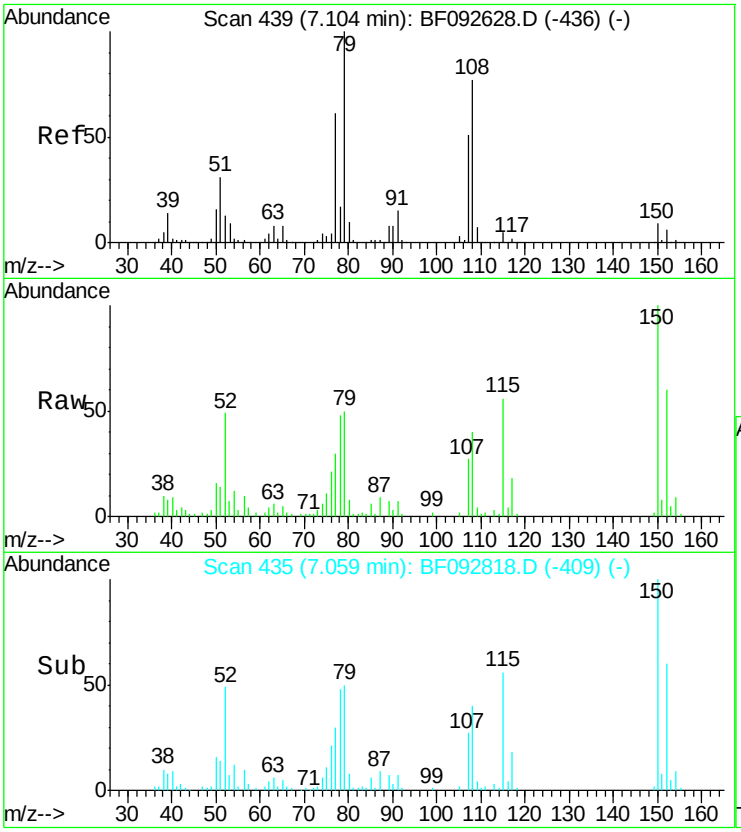


#10
Phenol
Concen: 6.75 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion: 94 Resp: 82943

Ion	Ratio	Lower	Upper
94	100		
65	19.5	21.4	61.4#
66	27.6	44.0	84.0#



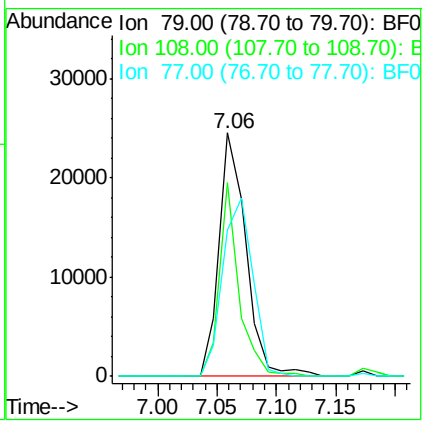


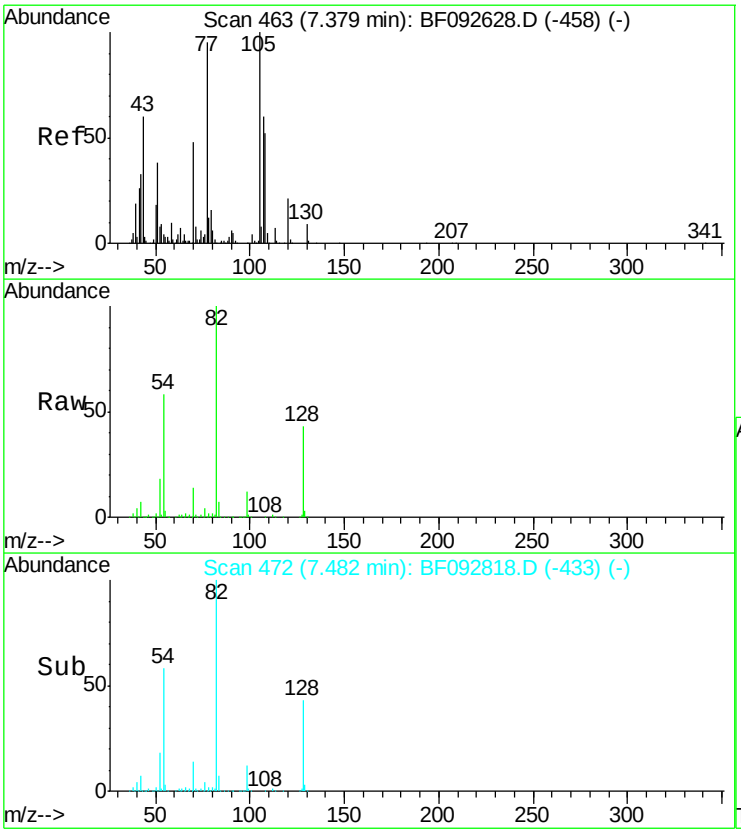
#15
Benzyl Alcohol
Concen: 4.95 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion: 79 Resp: 38463

Ion	Ratio	Lower	Upper
79	100		
108	79.8	61.4	92.0
77	60.2	50.9	76.3

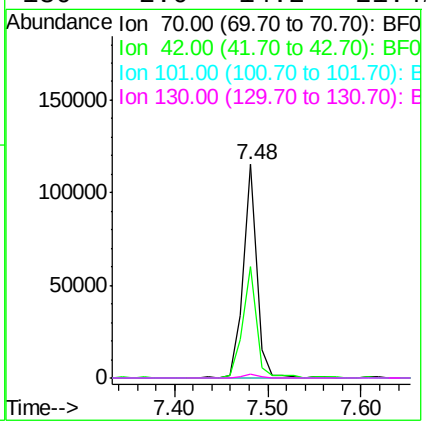


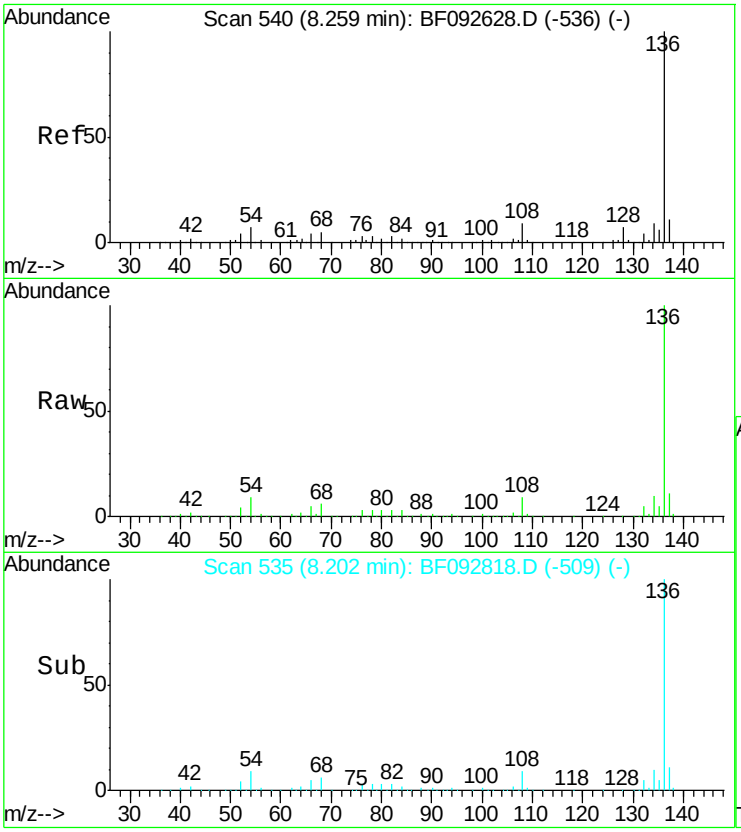


#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.15 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion: 70 Resp: 117015

Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



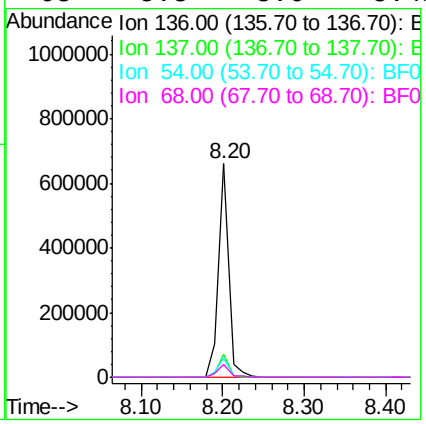


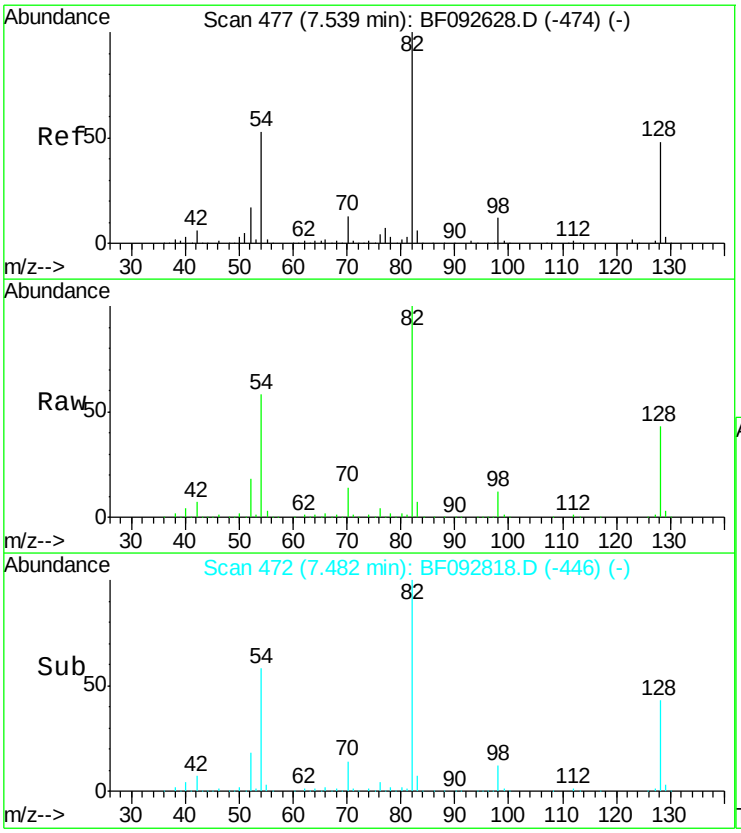
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:136 Resp: 570327

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.8	4.5	6.7#
68	5.8	3.6	5.4#

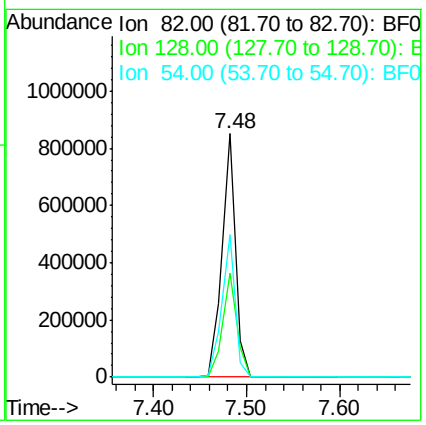


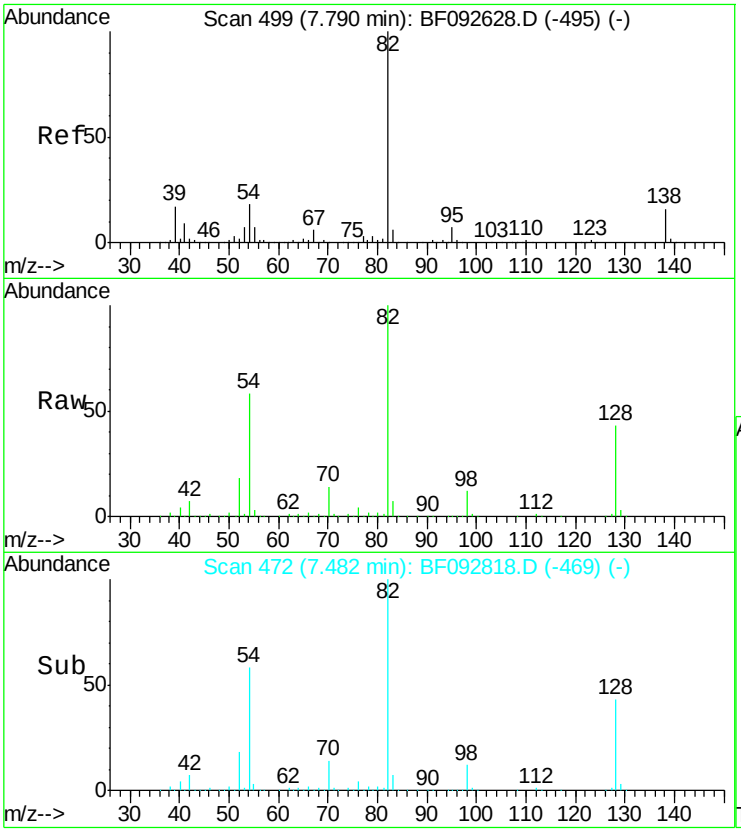


#23
Nitrobenzene-d5
Concen: 84.03 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion: 82 Resp: 860586

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	58.5	39.5	59.3



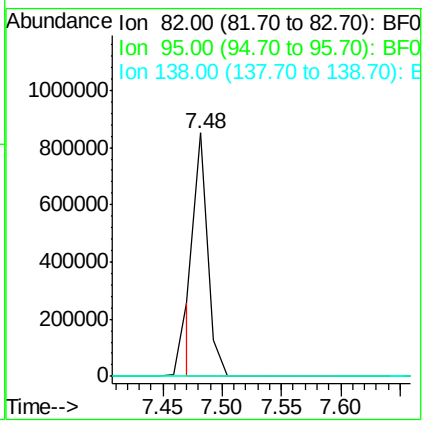


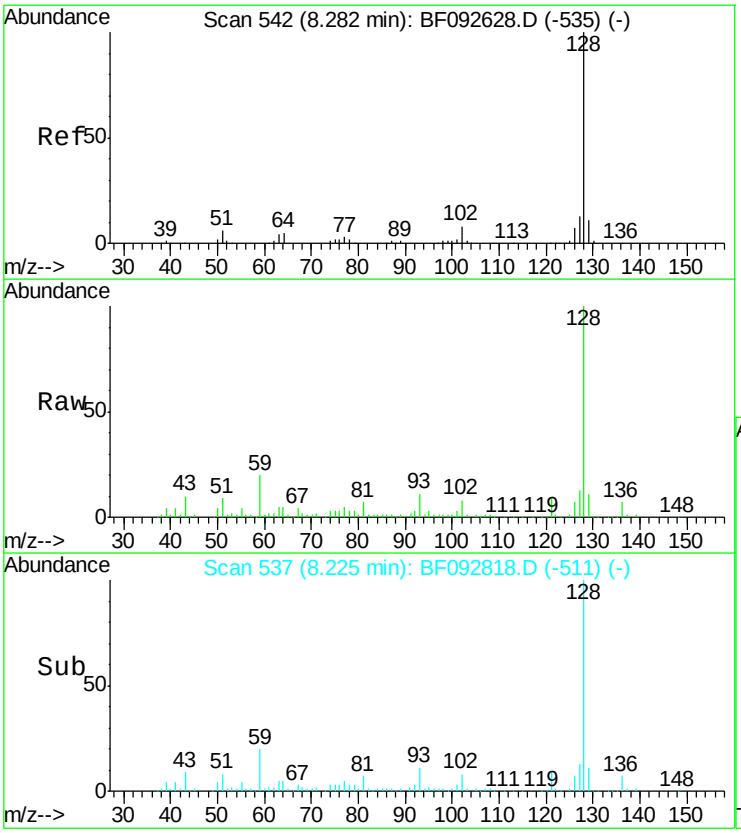
#25
Isophorone
Concen: 35.37 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion: 82 Resp: 675049

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

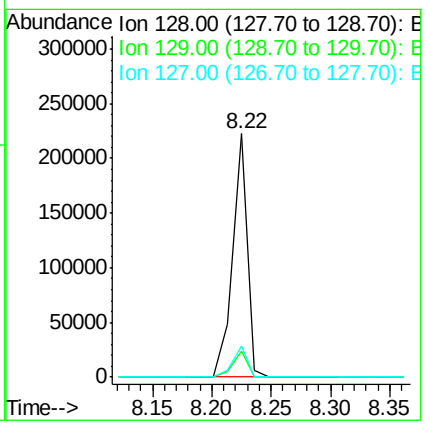


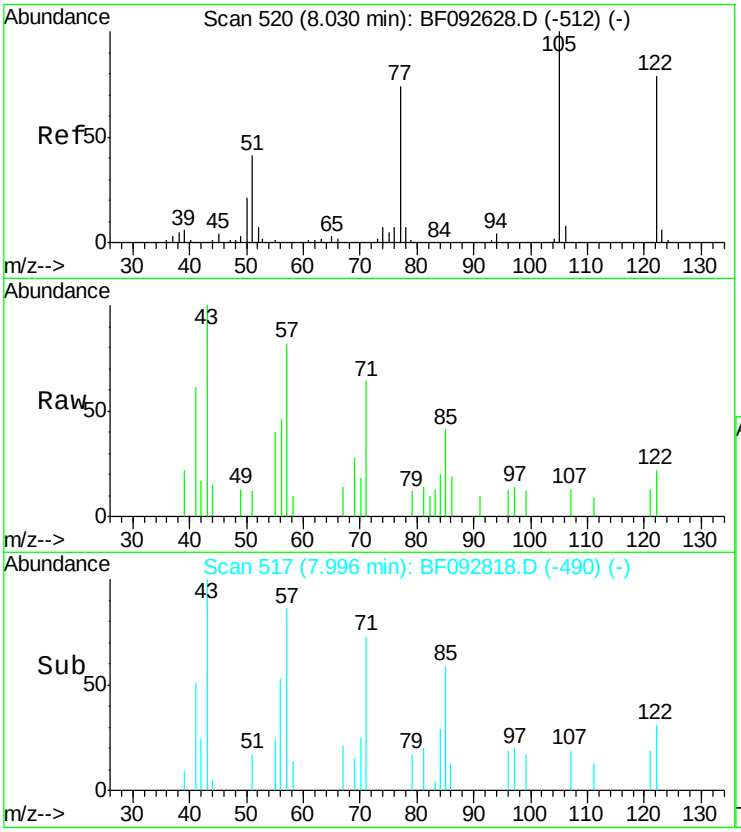


#31
Naphthalene
Concen: 6.63 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:128 Resp: 191550

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	12.5	10.8	16.2



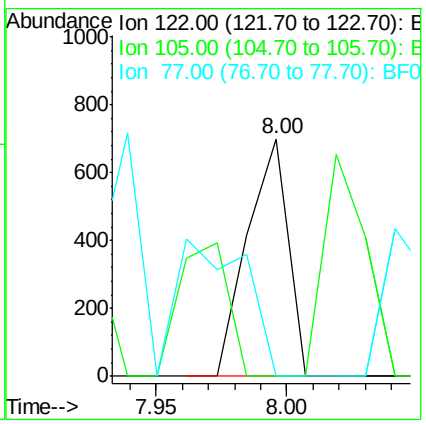


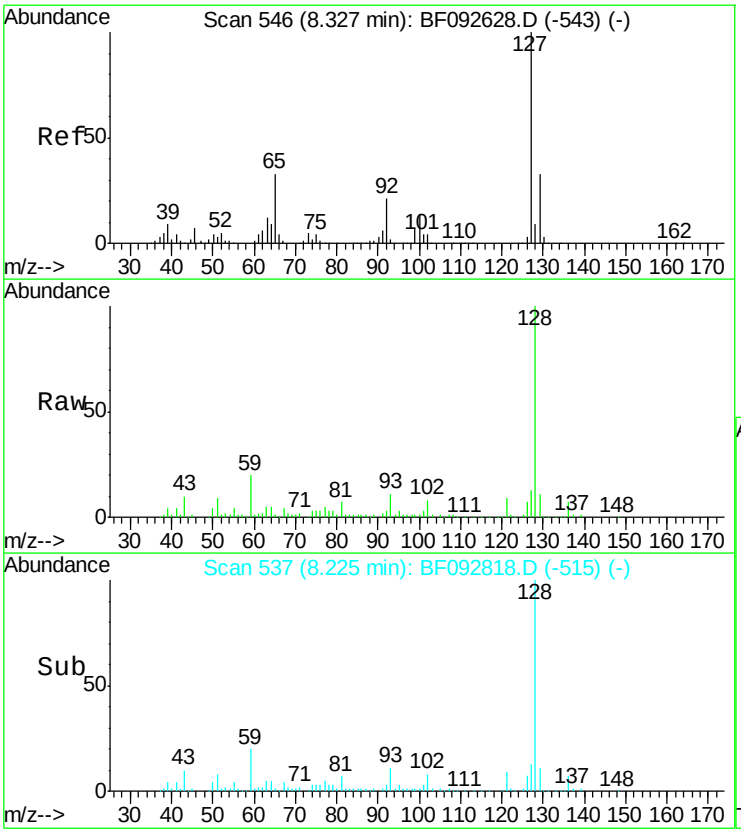
#32
Benzoic acid
Concen: 7.30 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:122 Resp: 763

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

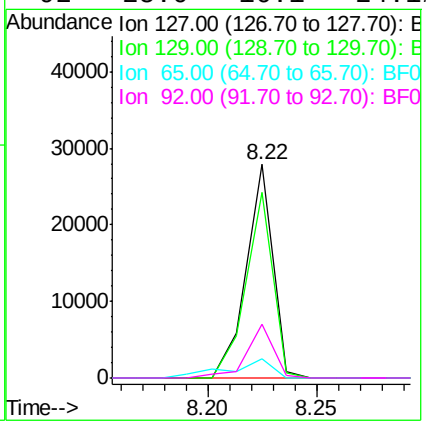


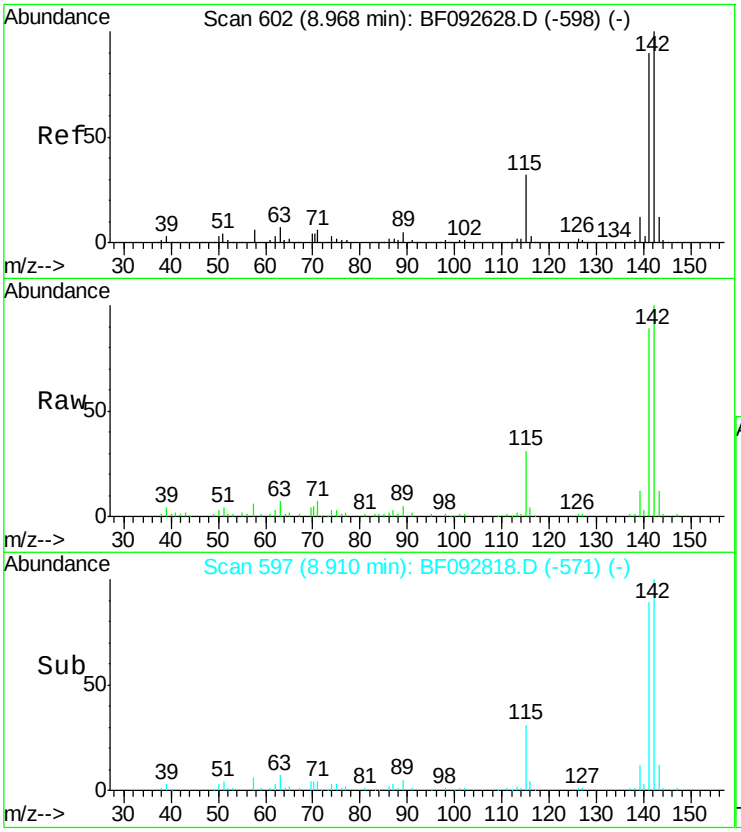


#33
4-Chloroaniline
Concen: 2.09 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.05 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:127 Resp: 23736

Ion	Ratio	Lower	Upper
127	100		
129	86.7	26.3	39.5#
65	8.7	25.8	38.8#
92	25.0	16.1	24.1#



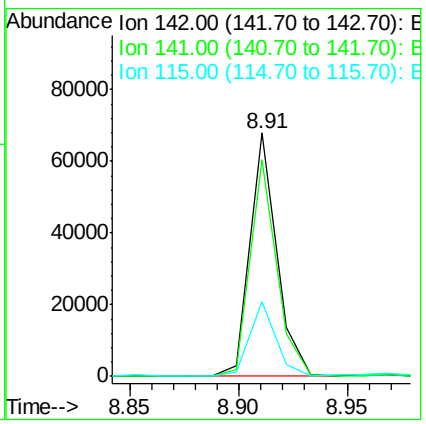


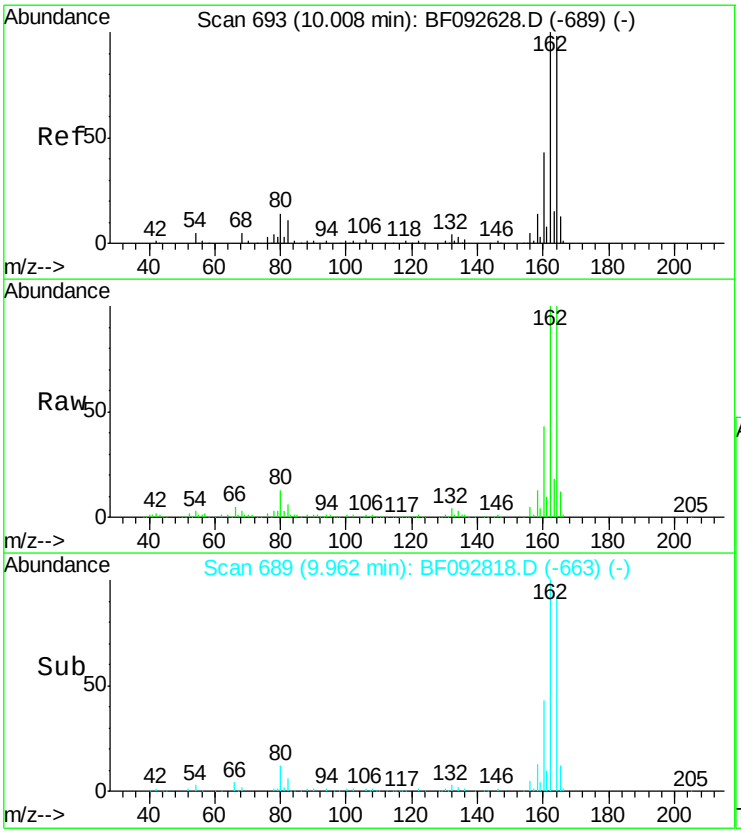
#37
2-Methylnaphthalene
Concen: 3.14 ng
RT: 8.91 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:142 Resp: 58278

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	30.9	28.3	42.5

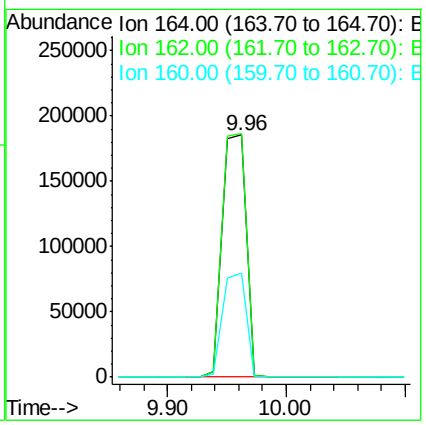


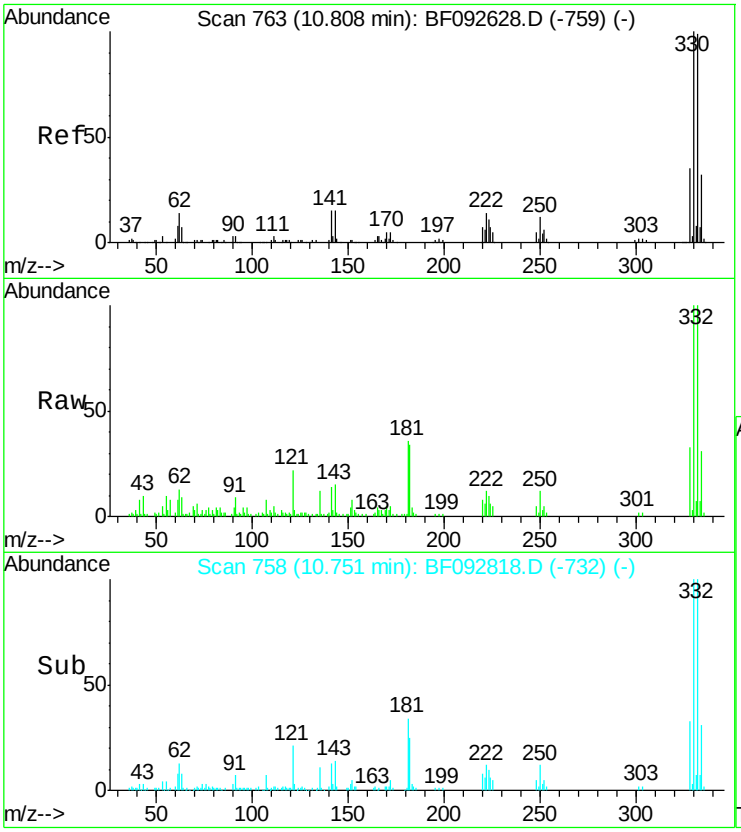


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:164 Resp: 257626

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.2
160	42.8	36.9	55.3



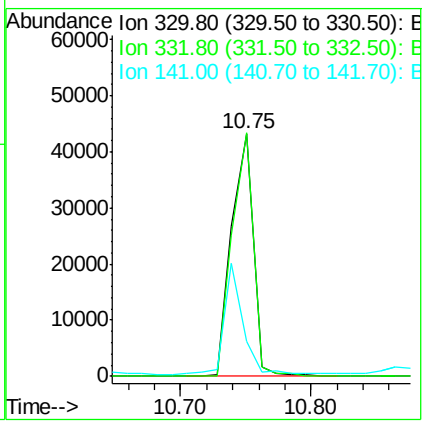


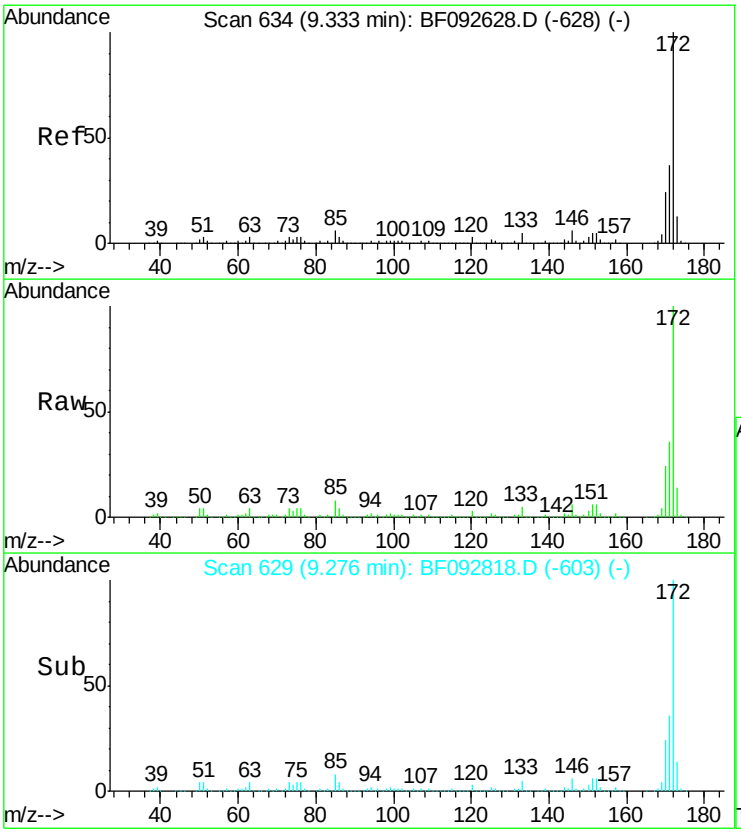
#41
2,4,6-Tribromophenol
Concen: 26.97 ng
RT: 10.75 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:330 Resp: 50253

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	38.6	34.1	51.1

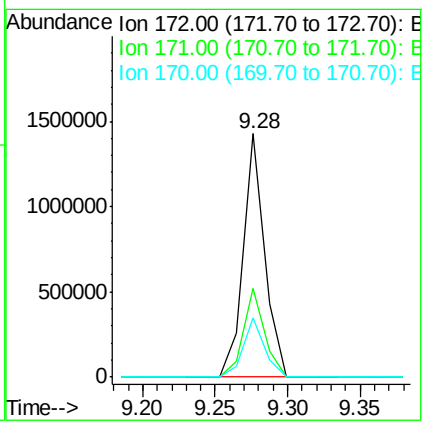


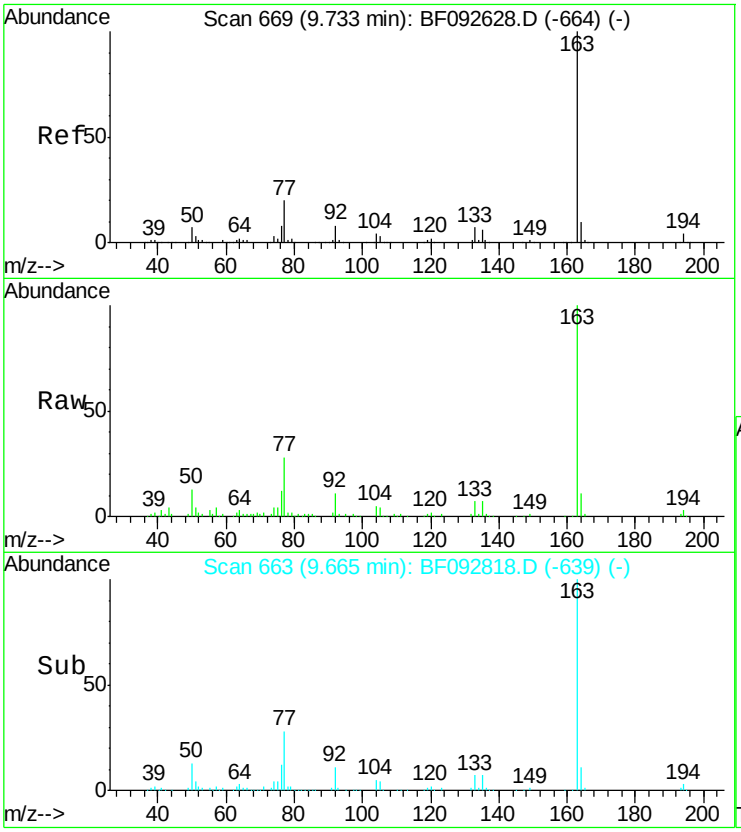


#44
2-Fluorobiphenyl
Concen: 102.89 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:172 Resp: 1463169

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4



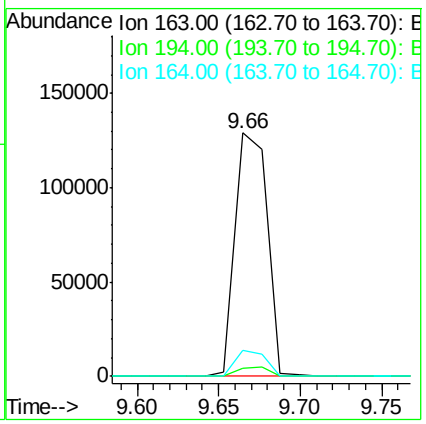


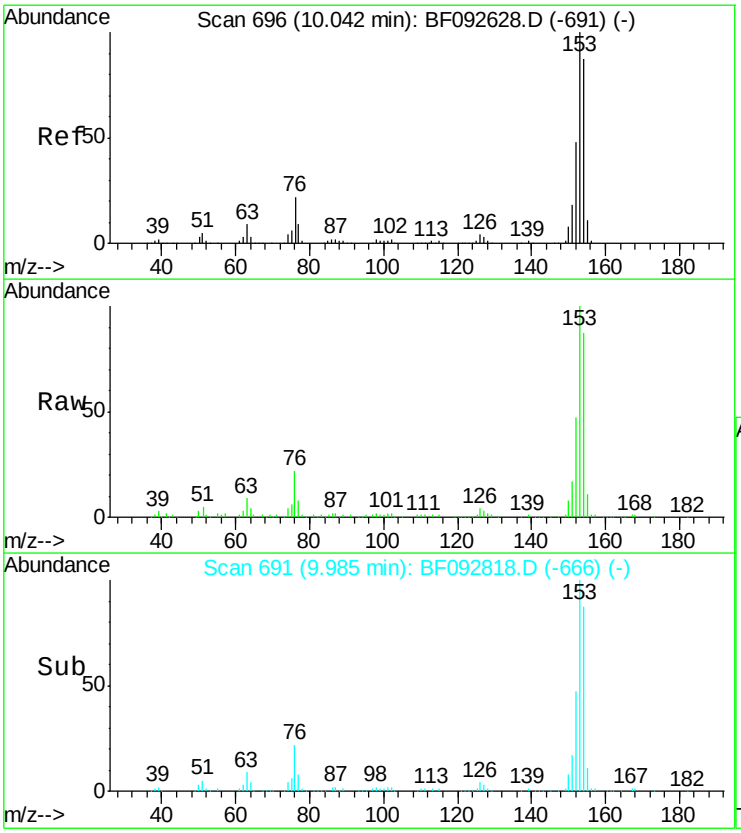
#49
Dimethylphthalate
Concen: 10.06 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:163 Resp: 174616

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.6	8.0	12.0

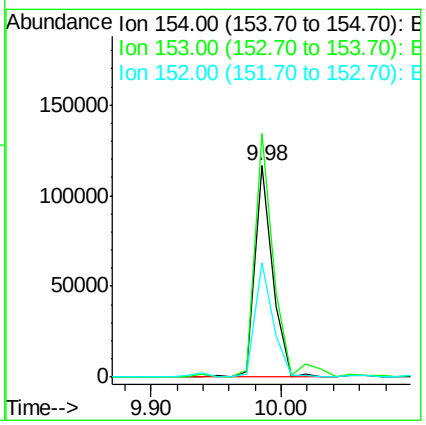


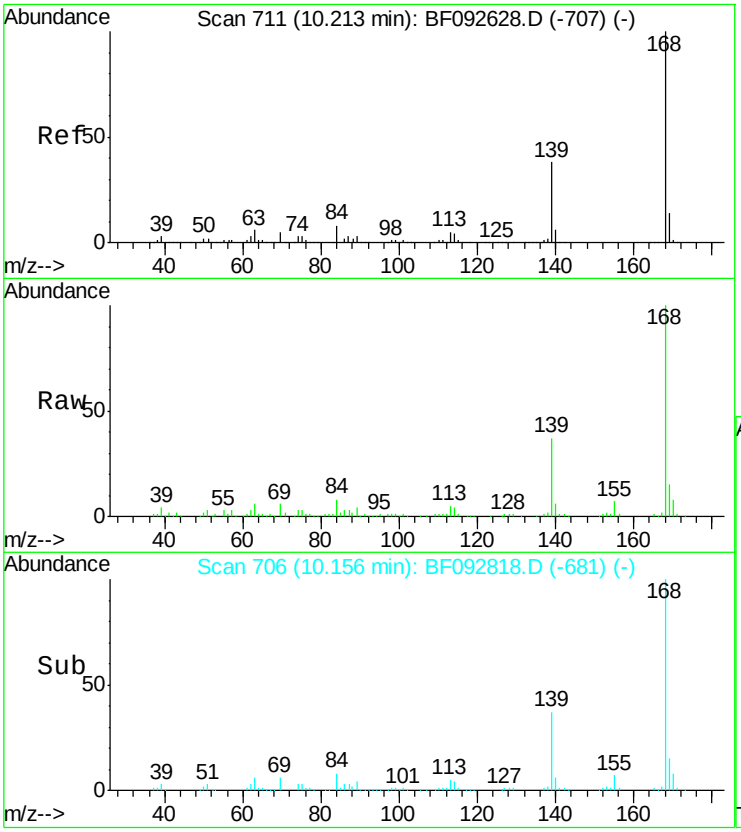


#51
Acenaphthene
Concen: 7.40 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:154 Resp: 111512

Ion	Ratio	Lower	Upper
154	100		
153	115.4	88.6	133.0
152	54.0	41.6	62.4



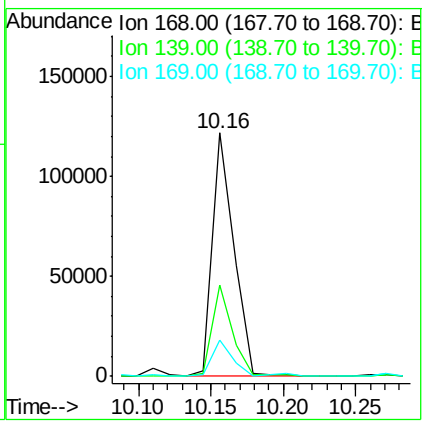


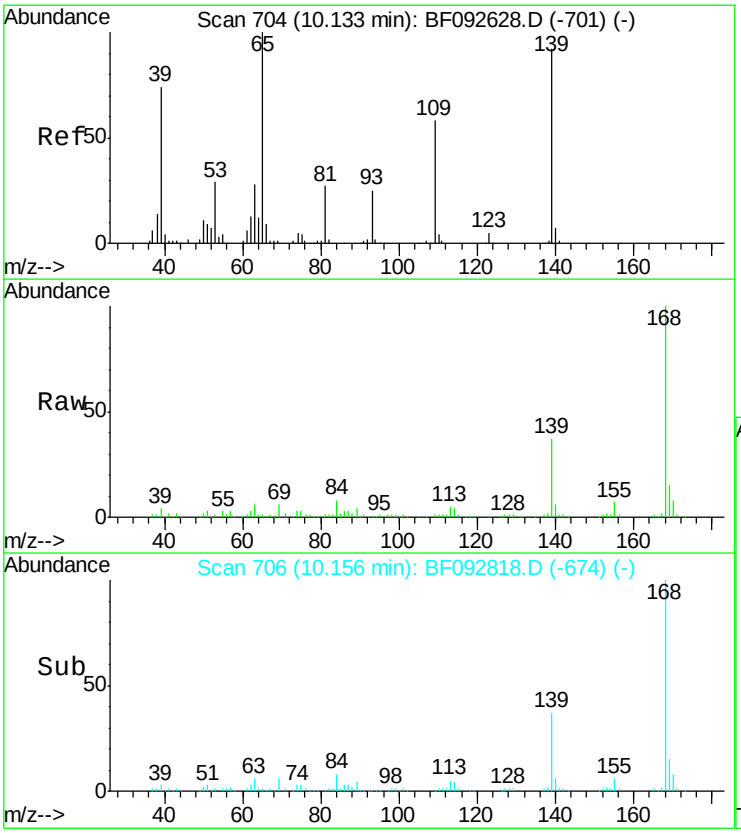
#54
Dibenzofuran
Concen: 6.23 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:168 Resp: 125630

Ion	Ratio	Lower	Upper
168	100		
139	37.5	32.6	49.0
169	15.2	11.3	16.9

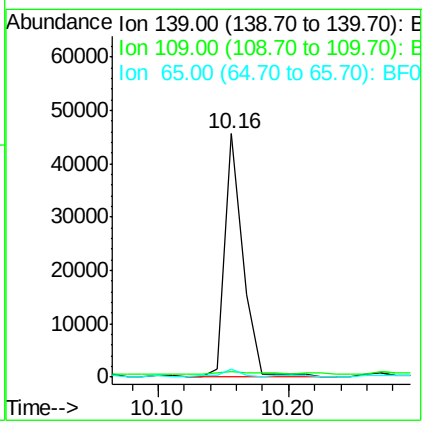


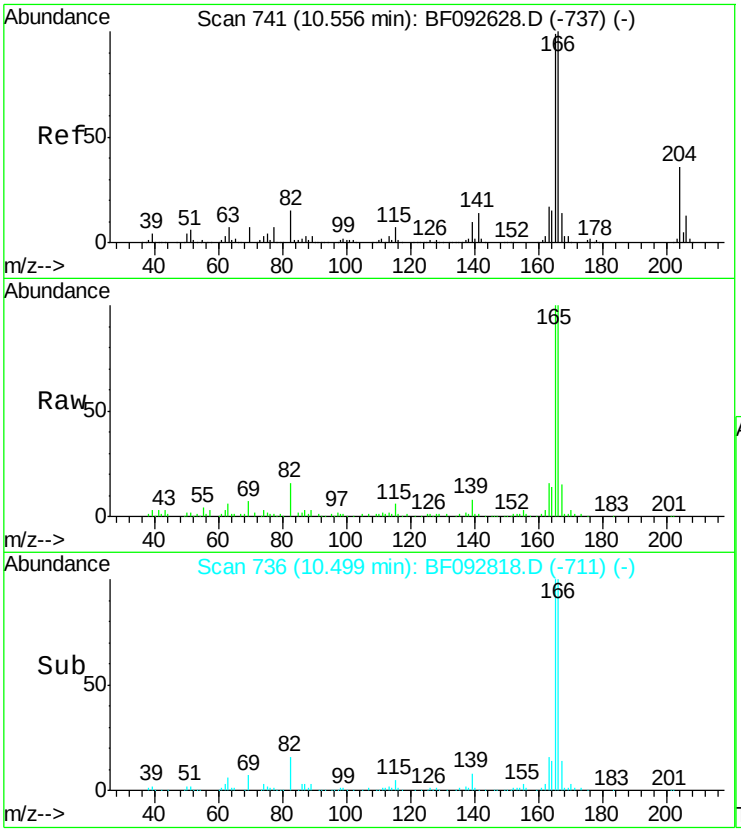


#55
4-Nitrophenol
Concen: 14.39 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.07 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:139 Resp: 44457

Ion	Ratio	Lower	Upper
139	100		
109	2.2	52.2	92.2#
65	3.3	85.8	125.8#



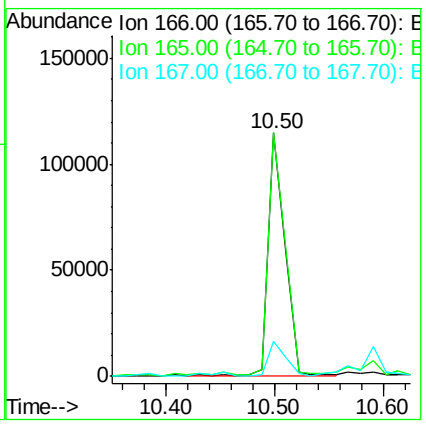


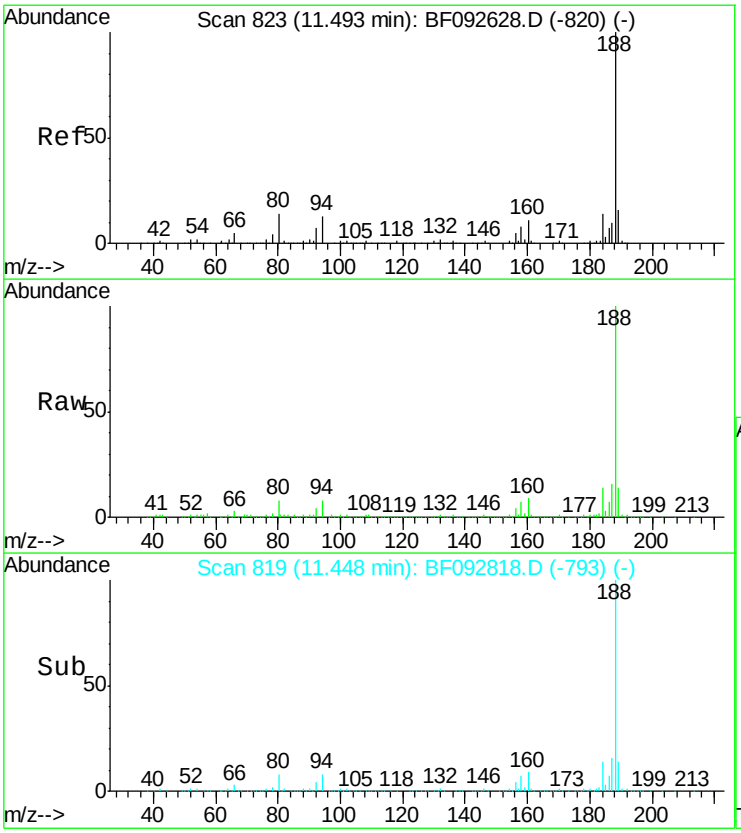
#57
Fluorene
Concen: 8.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:166 Resp: 124936

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.8	116.8
167	14.6	10.8	16.2

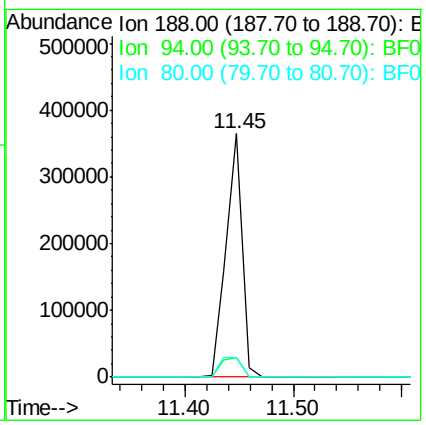


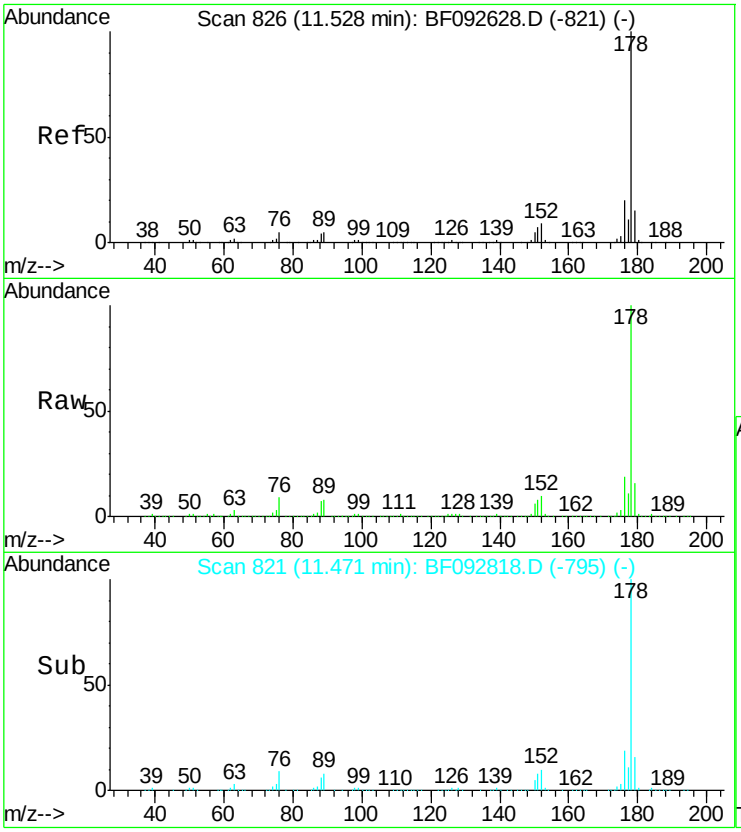


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:188 Resp: 371744

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	8.2	11.2	16.8#



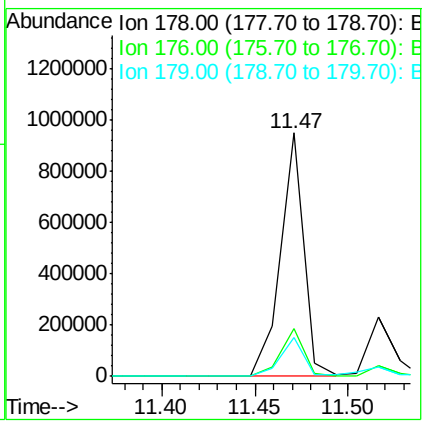


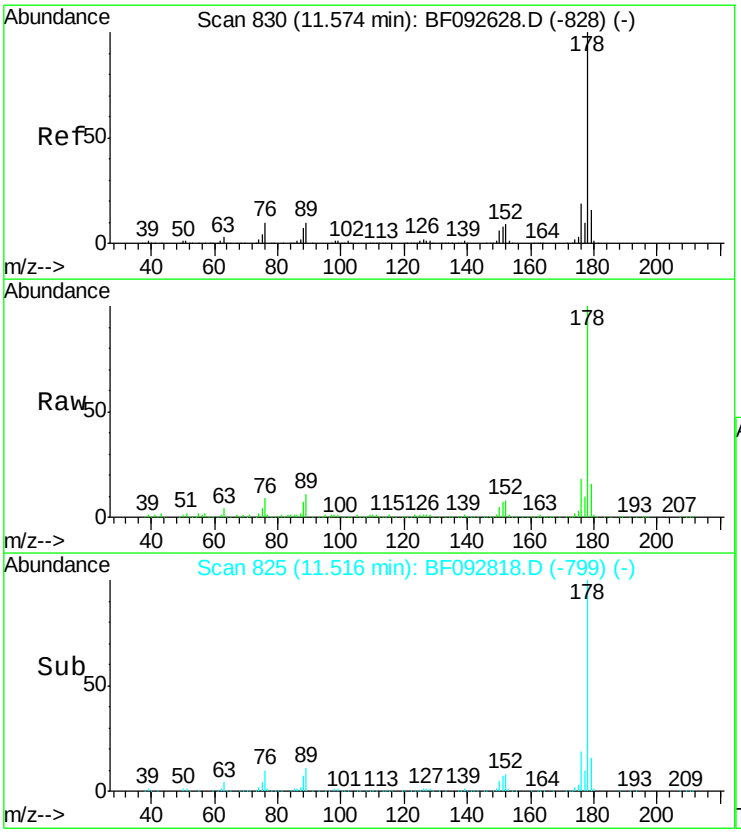
#70
Phenanthrene
Concen: 38.82 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:178 Resp: 826819

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.8	12.8	19.2

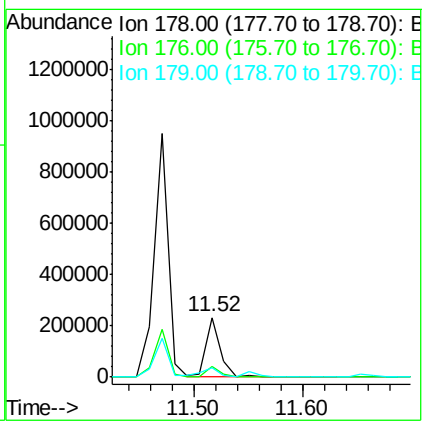


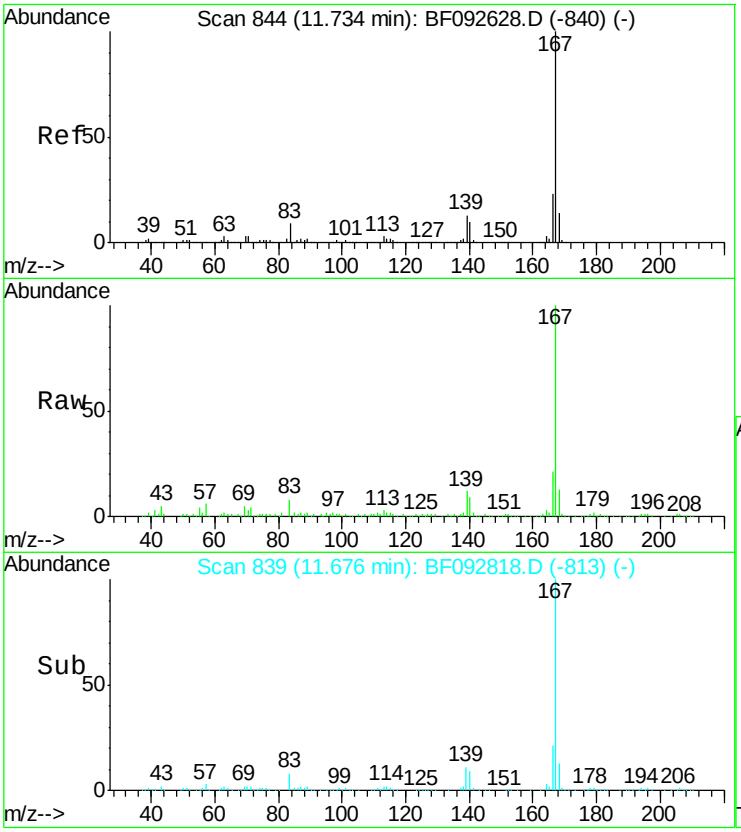


#71
Anthracene
Concen: 10.32 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:178 Resp: 220766

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.9	23.9
179	16.0	13.2	19.8



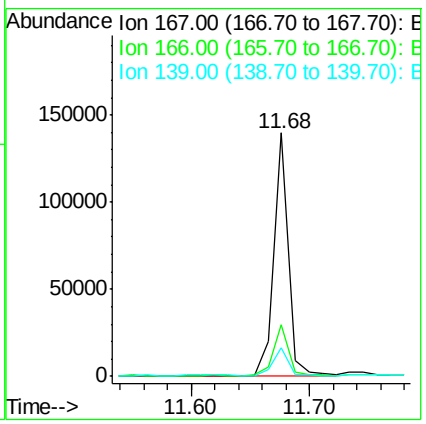


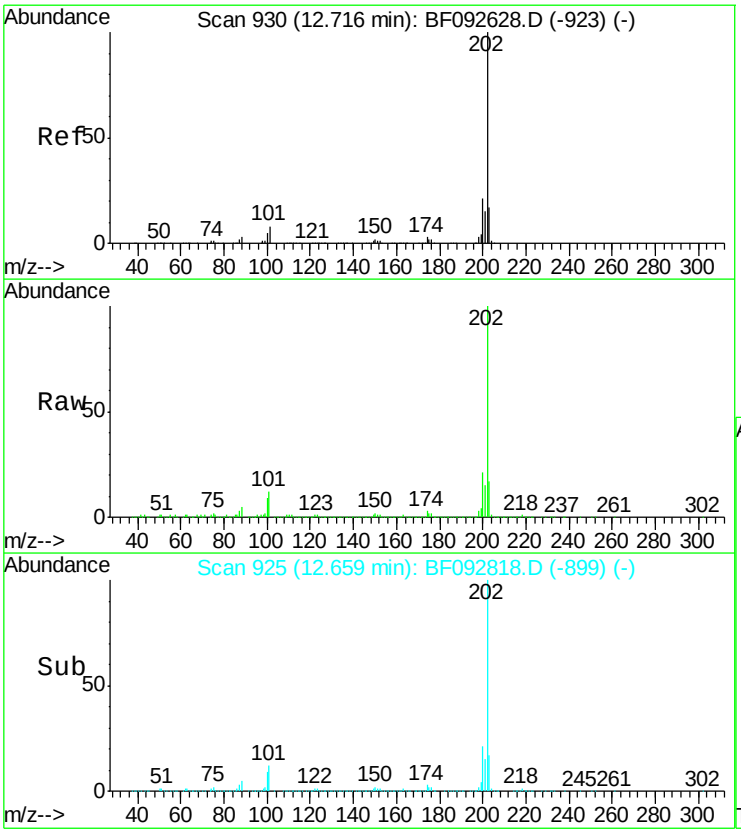
#72
Carbazole
Concen: 5.91 ng
RT: 11.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:167 Resp: 120741

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.2
139	11.6	11.4	17.2

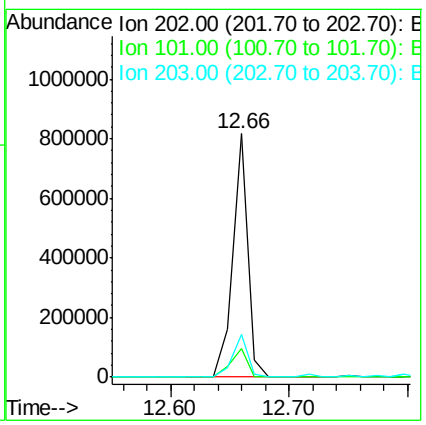


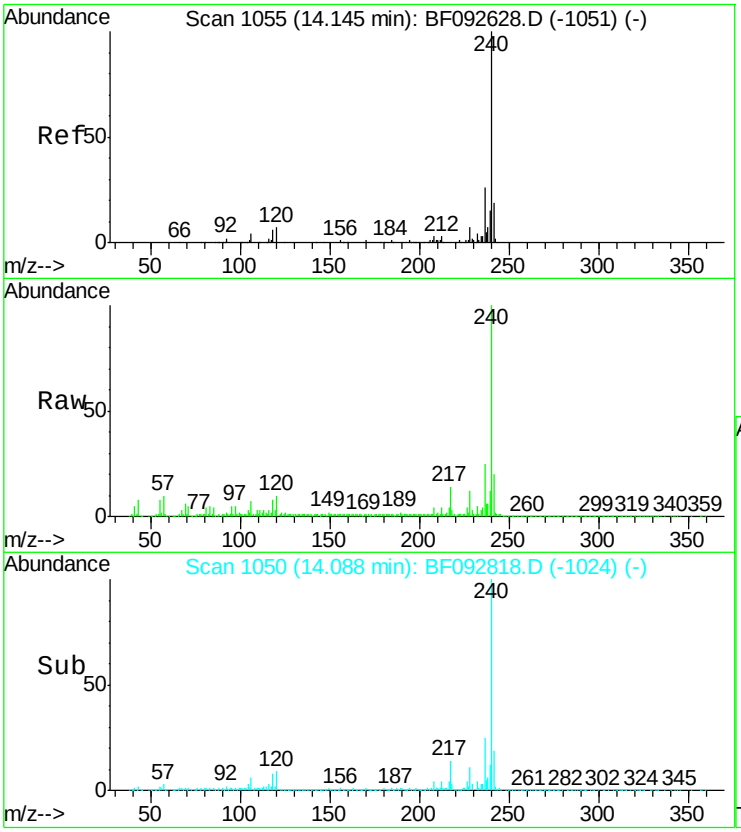


#74
Fluoranthene
Concen: 32.46 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:202 Resp: 713037

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.6
203	17.4	0.0	38.7



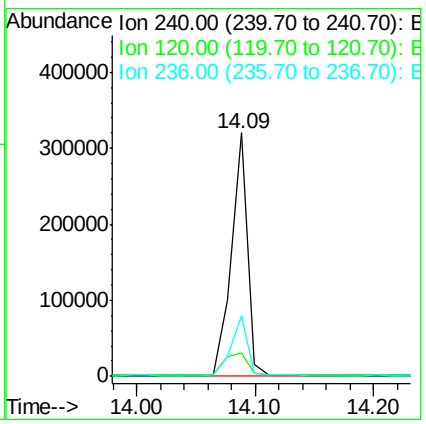


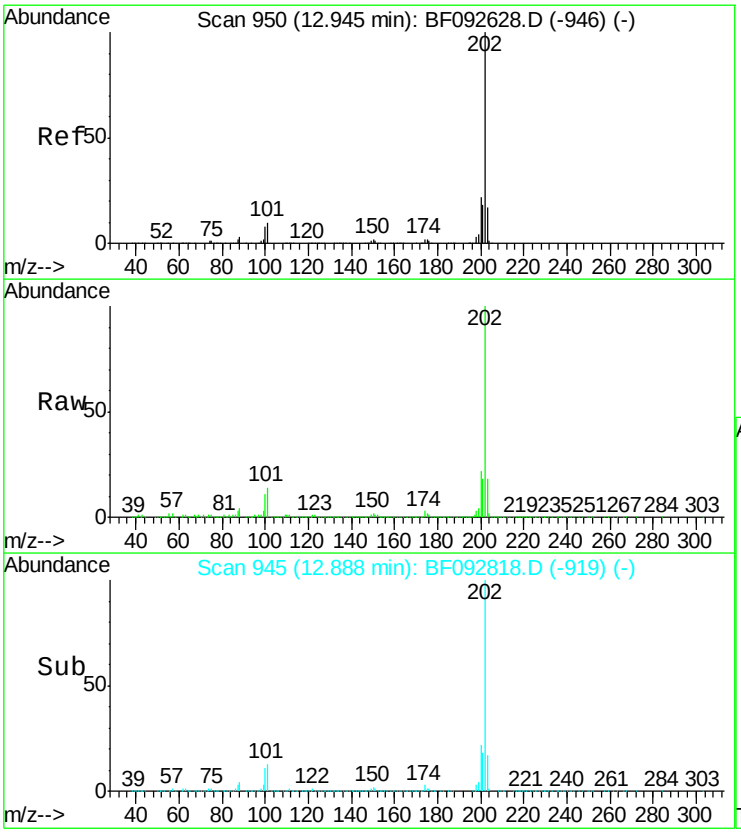
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.09 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:240 Resp: 303187

Ion	Ratio	Lower	Upper
240	100		
120	9.7	12.9	19.3#
236	24.9	20.9	31.3

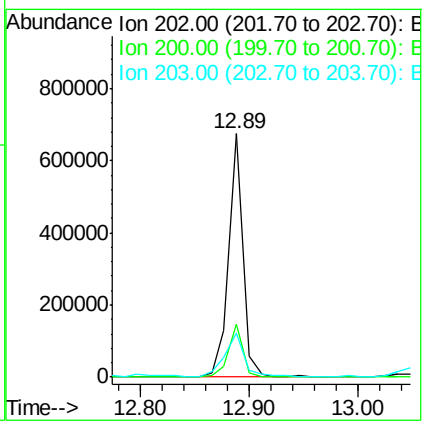


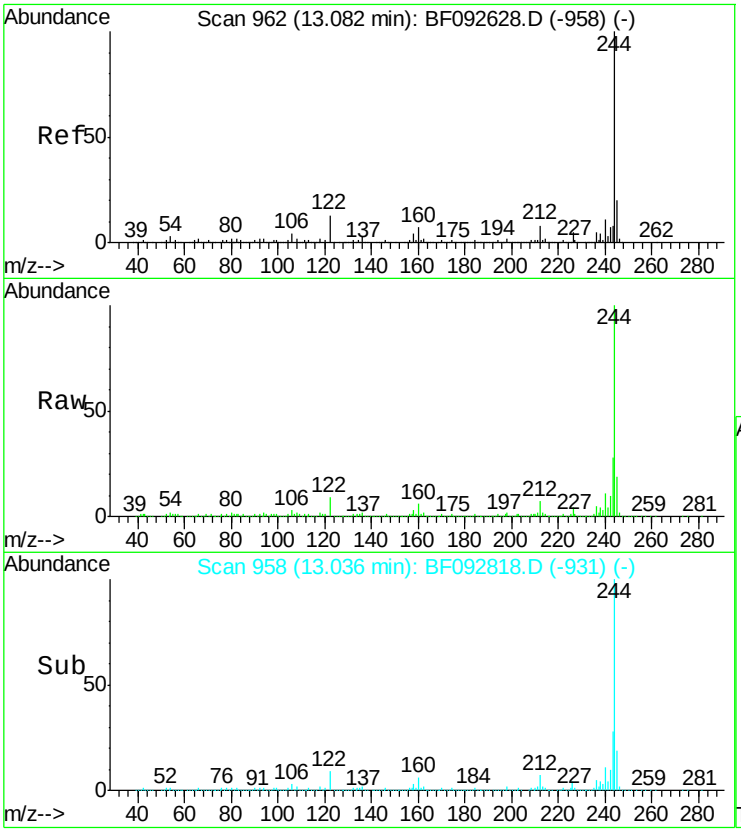


#77
Pyrene
Concen: 26.62 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:202 Resp: 603959

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	17.9	14.7	22.1



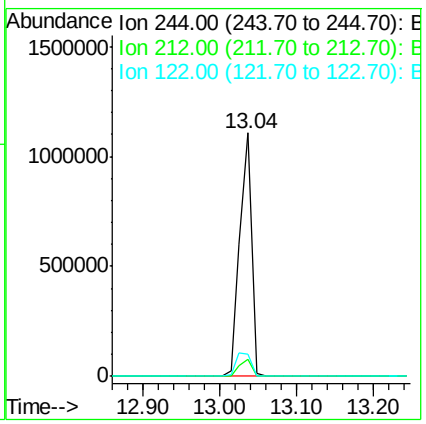


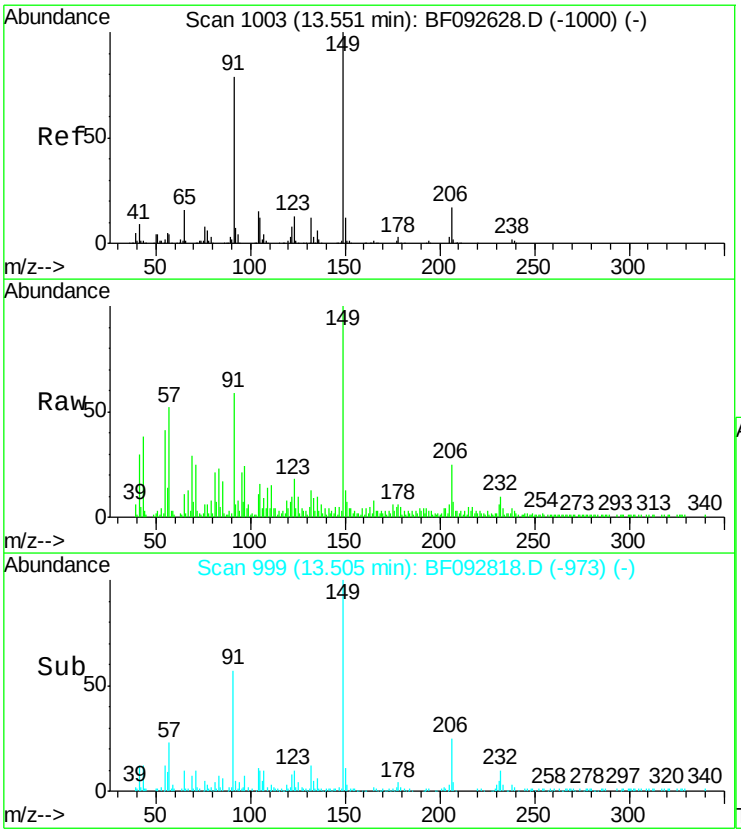
#78
Terphenyl-d14
Concen: 93.86 ng
RT: 13.04 min Scan# 958
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:244 Resp: 1211054

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.1	11.4	17.2#

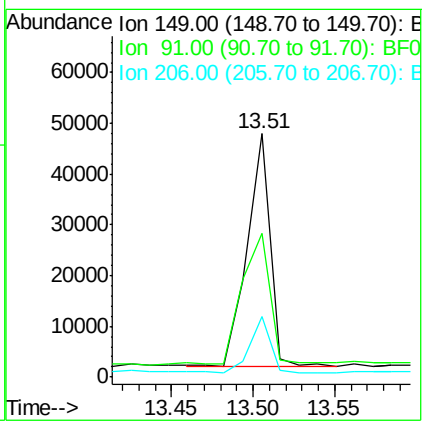


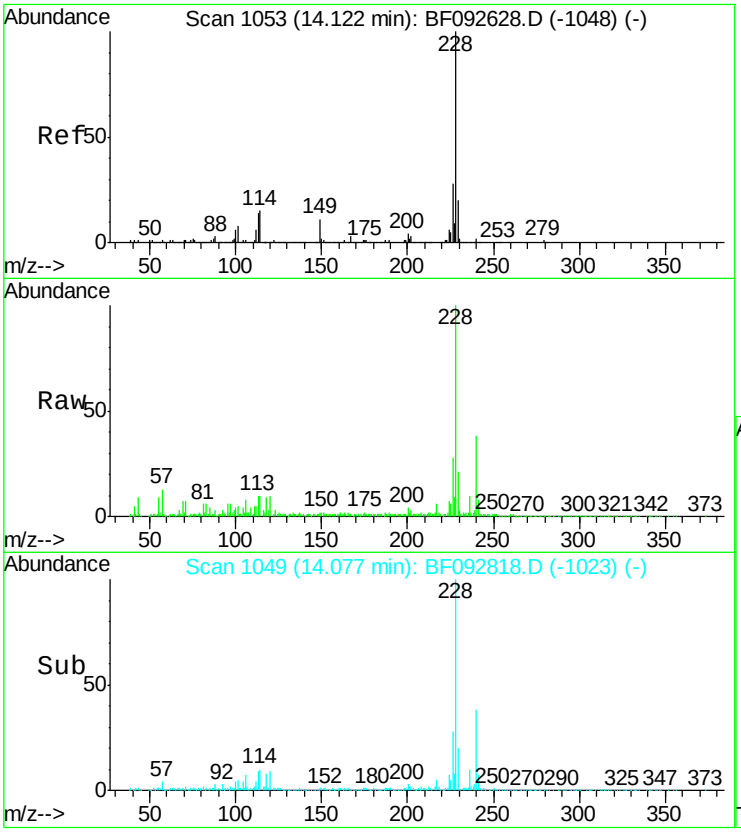


#79
Butylbenzylphthalate
Concen: 4.90 ng
RT: 13.51 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:149 Resp: 45187

Ion	Ratio	Lower	Upper
149	100		
91	59.3	63.9	95.9#
206	24.9	14.6	21.8#



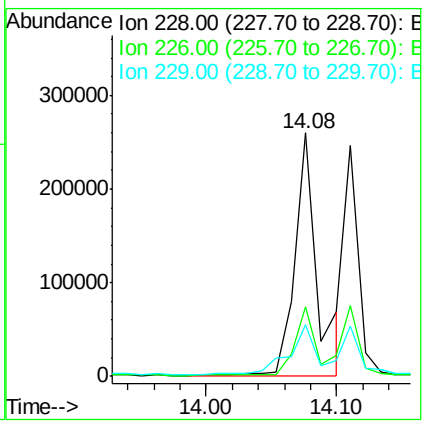


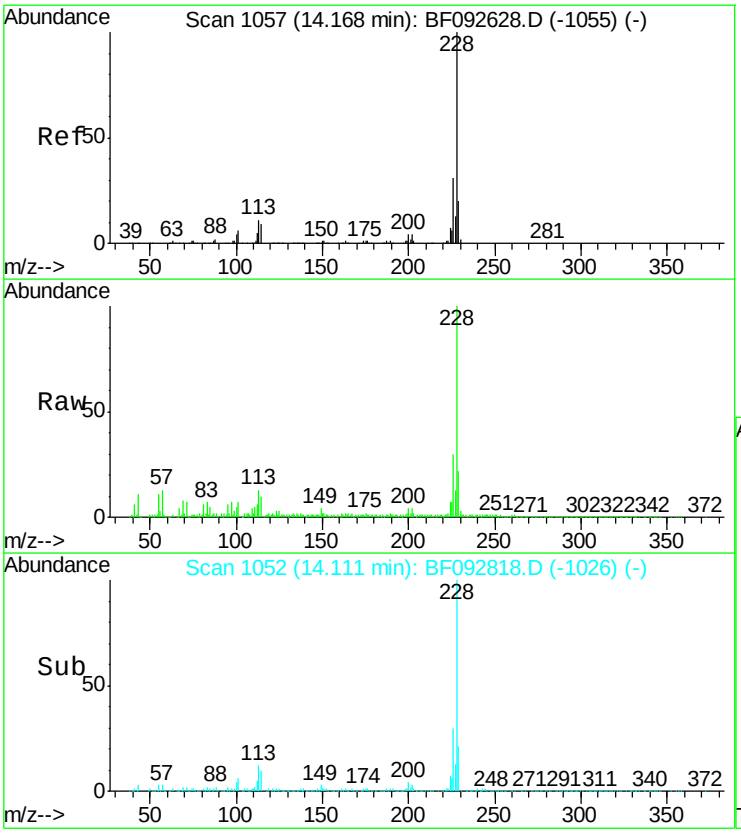
#80
Benzo(a)anthracene
Concen: 16.66 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:228 Resp: 308847

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	21.4	16.2	24.4

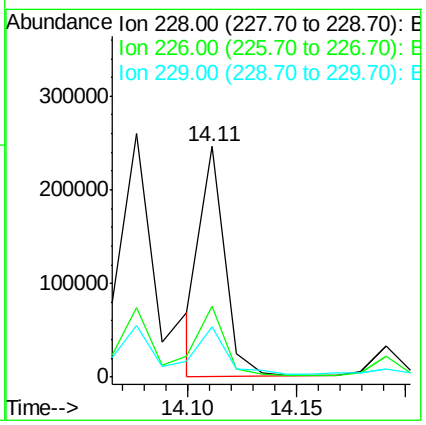


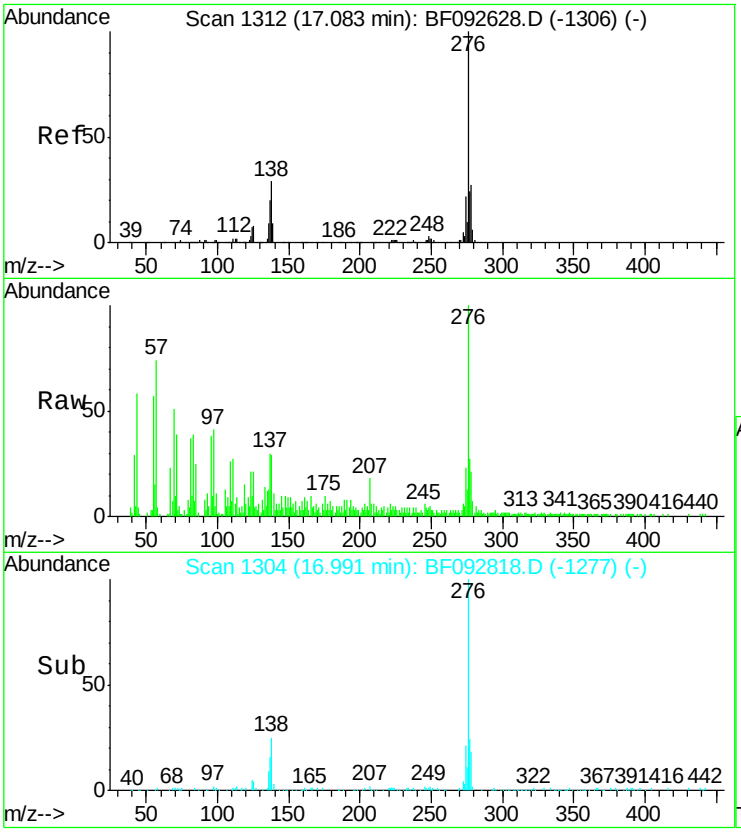


#82
Chrysene
Concen: 10.92 ng
RT: 14.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:228 Resp: 189562

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



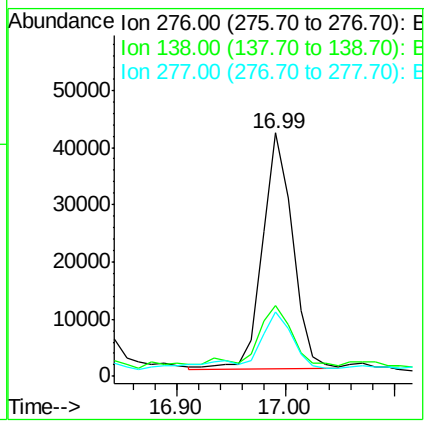


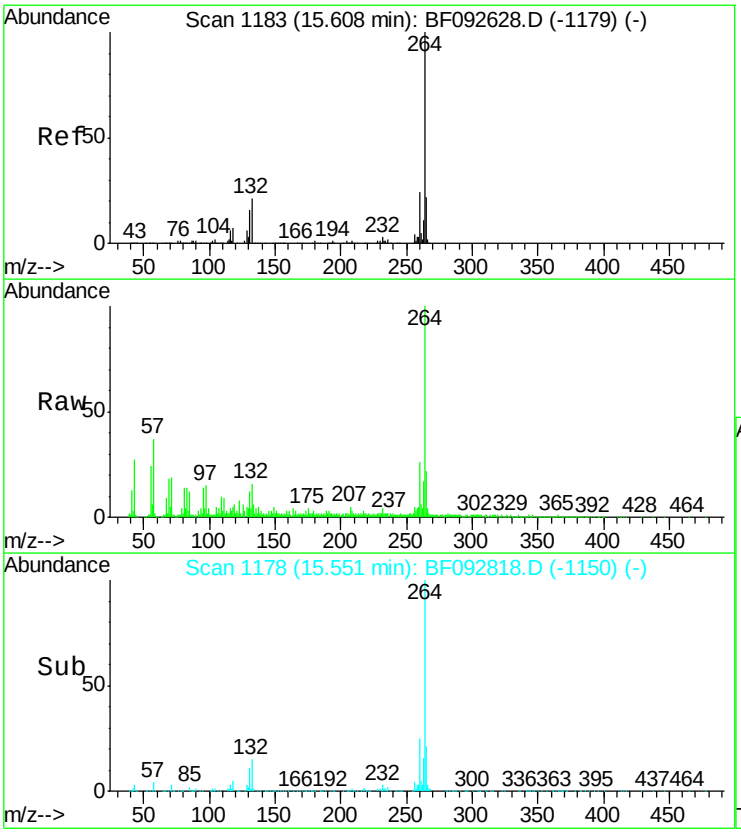
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.98 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:276 Resp: 80435

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.8	32.6
277	30.3	20.2	30.4

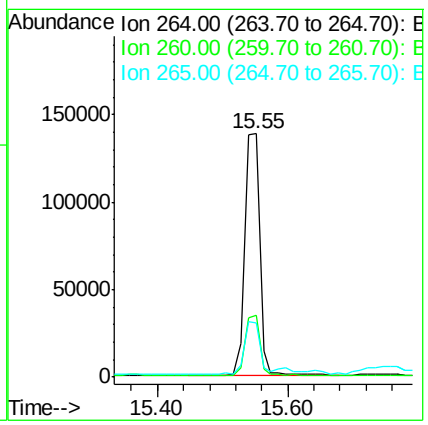


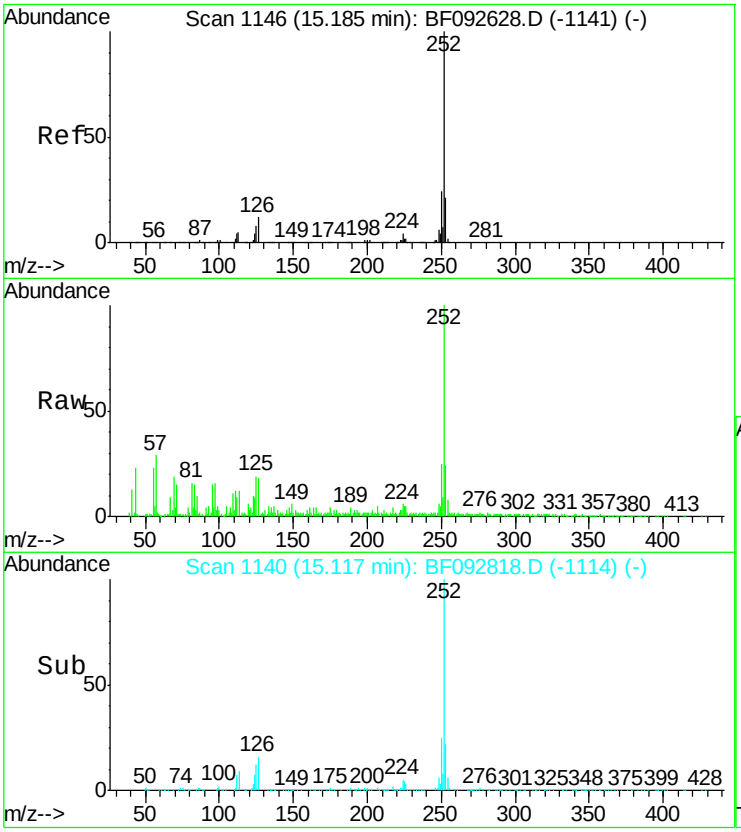


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:264 Resp: 219531

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.3	17.4	26.0



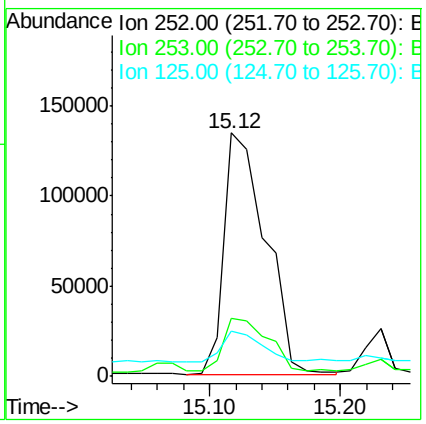


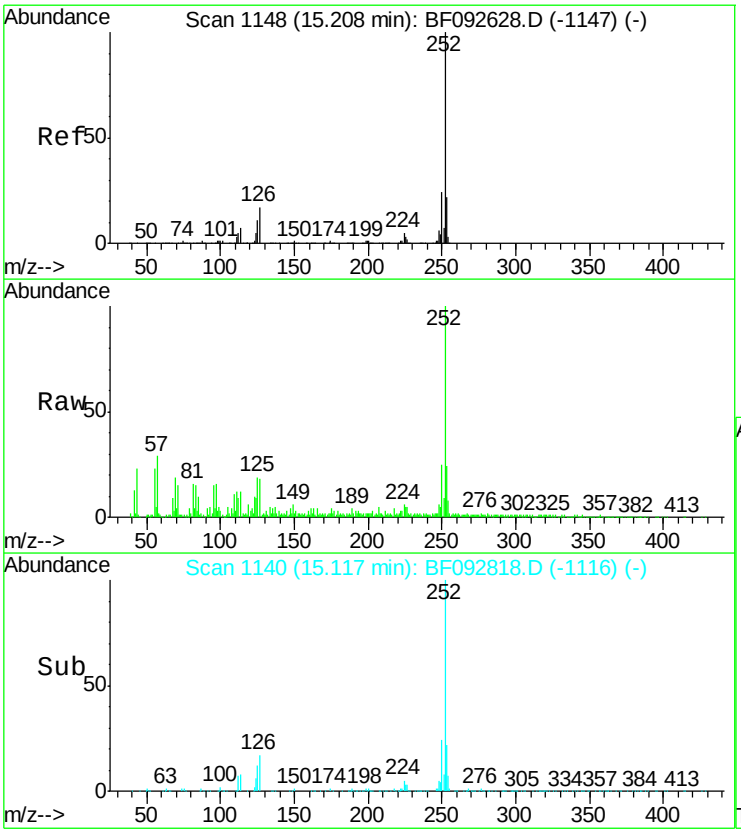
#87
Benzo(b)fluoranthene
Concen: 20.62 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:252 Resp: 297909

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	18.7	9.8	14.6#

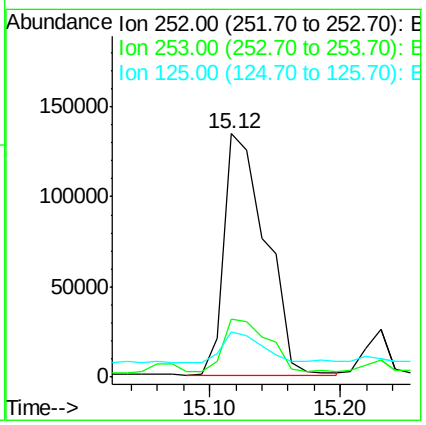


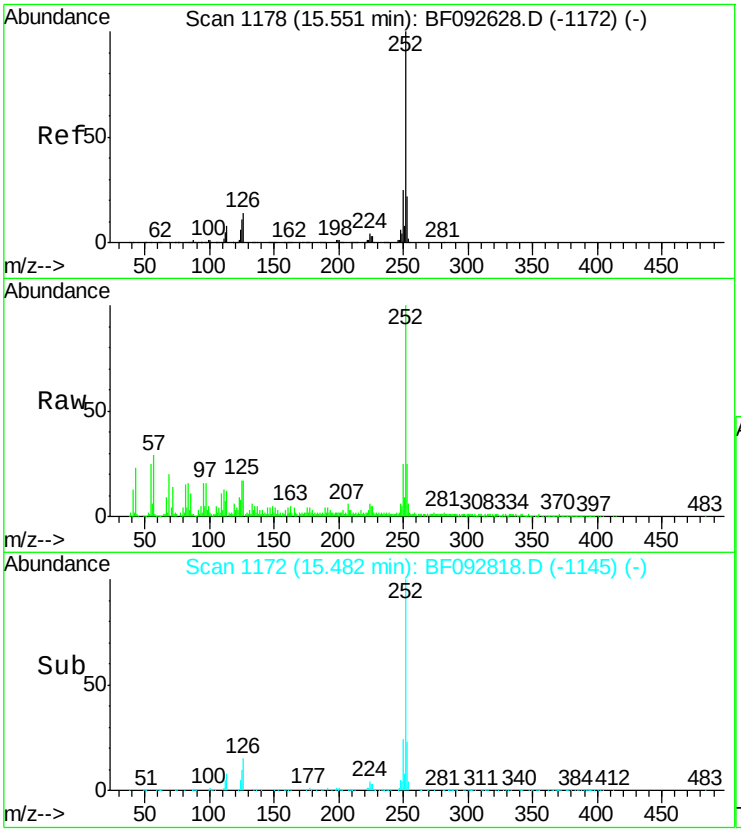


#88
Benzo(k)fluoranthene
Concen: 23.88 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:252 Resp: 297909

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	18.7	8.9	13.3#



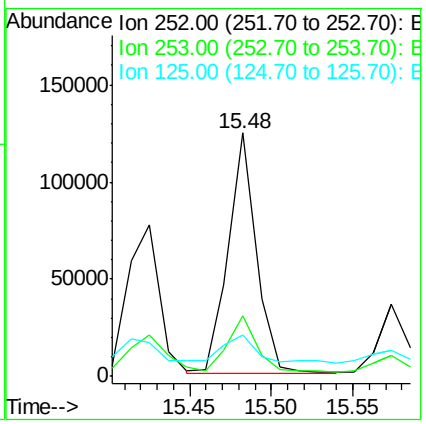


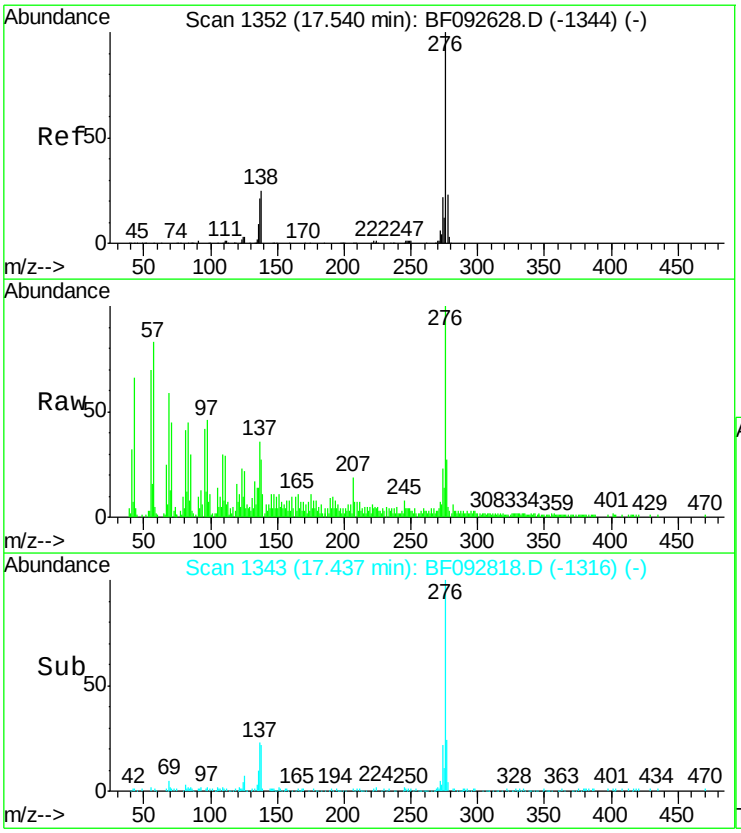
#89
Benzo(a)pyrene
Concen: 11.88 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-002-A

Tgt Ion:252 Resp: 148471

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	16.7	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 7.75 ng
RT: 17.44 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF092818.D
Acq: 7 Feb 2017 1:32

Tgt Ion:276 Resp: 79049

Ion	Ratio	Lower	Upper
276	100		
277	27.4	19.2	28.8
138	27.2	16.0	24.0#