Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01

Quant Time: Dec 03 03:11:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	174402	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	646839	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	347261	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	505123	20.00	ng		-0.02
75) Chrysene-d12	14.03	240	346805	20.00	ng		-0.02
86) Perylene-d12	15.47	264	329574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	226547	21.22	ng		-0.02
7) Phenol-d6	6.48	99	322320	24.53	ng		-0.02
23) Nitrobenzene-d5	7.42	82	183599	15.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	60713	18.47	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	336643	17.55	ng		-0.02
78) Terphenyl-d14	12.97	244	247531	15.51	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	24664	2.98	ng	#	69
48) Acenaphthylene	9.76	152	370938	12.67	ng		99
49) Dimethylphthalate	9.61	163	51195	2.43	ng	#	97
51) Acenaphthene	9.93	154	74658	3.78	ng		98
54) Dibenzofuran	10.10	168	104292	3.94	ng	#	87
57) Fluorene	10.45	166	252189	12.42	ng		99
70) Phenanthrene	11.41	178	2161402	82.35	ng		100
71) Anthracene	11.45	178	575235	22.08	ng		98
72) Carbazole	11.61	167	101146	4.28	ng		97
74) Fluoranthene	12.61	202	3230810	129.95	ng		95
77) Pyrene	12.84	202	3069993	116.65	ng		97
80) Benzo(a)anthracene	14.01	228	2186320	107.80	ng		94
82) Chrysene	14.06	228	1776998	88.55	ng		97
85) Indeno(1,2,3-cd)pyrene	16.87	276	764671	41.61	ng	#	91
87) Benzo(b)fluoranthene	15.05	252	2581387	126.01	ng		99
88) Benzo(k)fluoranthene	15.05	252	2581387	149.85	ng		97
89) Benzo(a)pyrene	15.49	252	391049	21.26	ng		92
90) Dibenzo(a,h)anthracene	17.09	278	142076	8.35	ng		92
91) Benzo(g,h,i)perylene	17.31	276	696970	39.73	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091414.D
Acq On : 3 Dec 2016 2:47
Operator : UM/SJ
Sample : H5772-04 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
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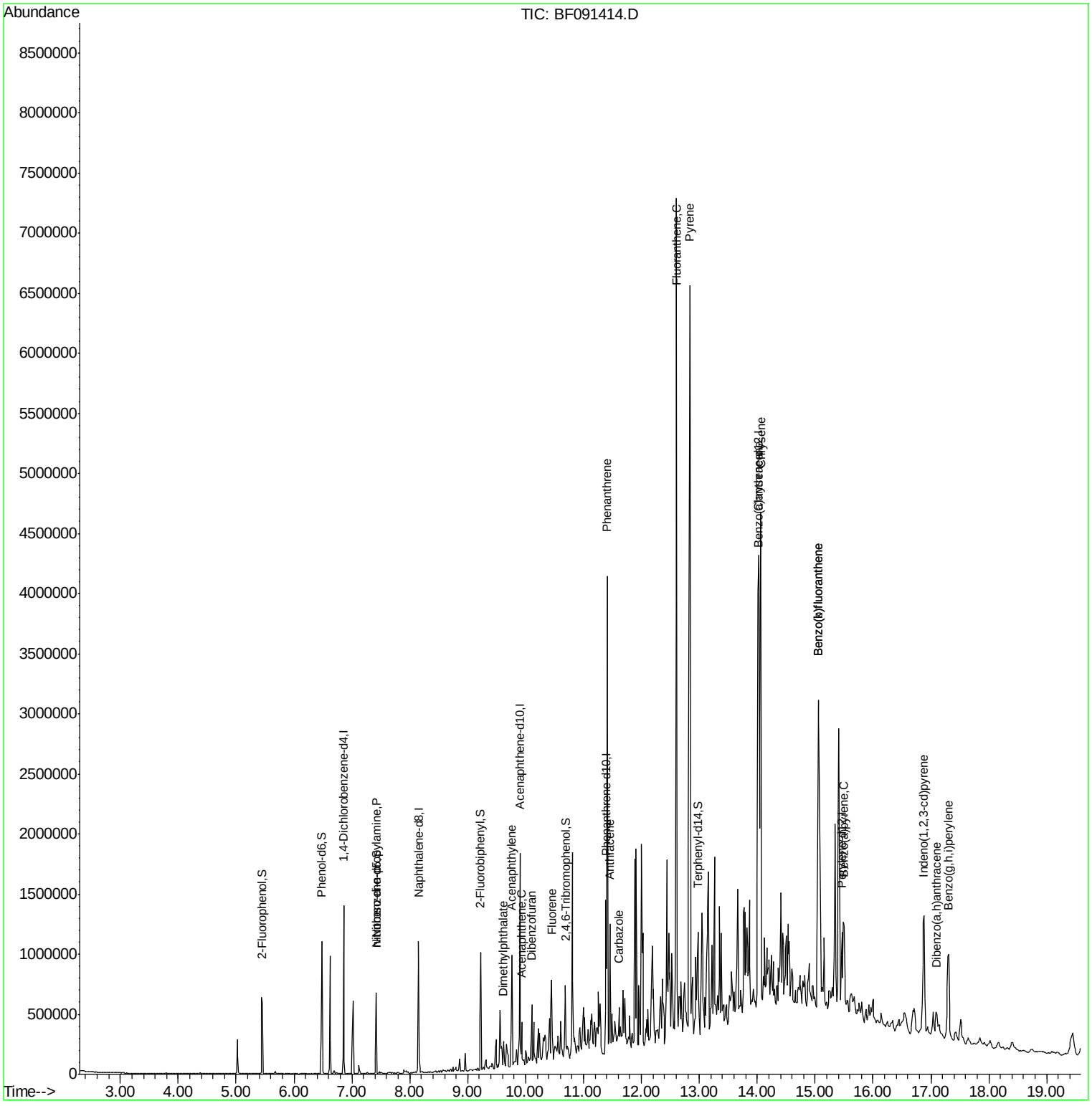
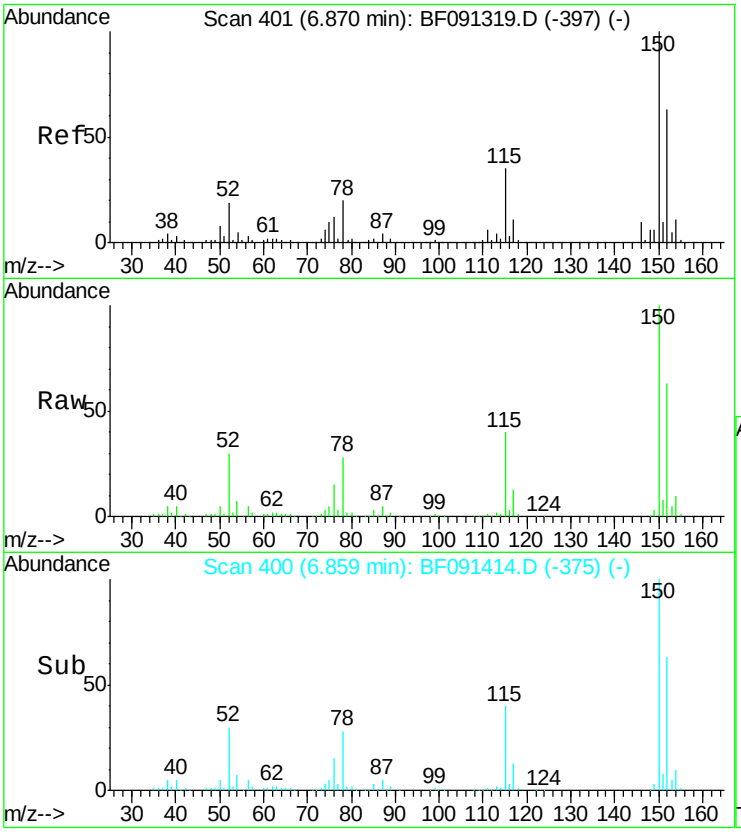


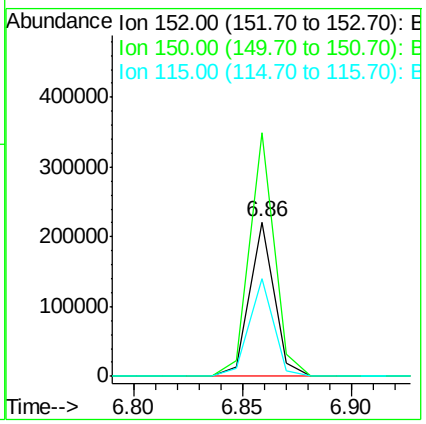


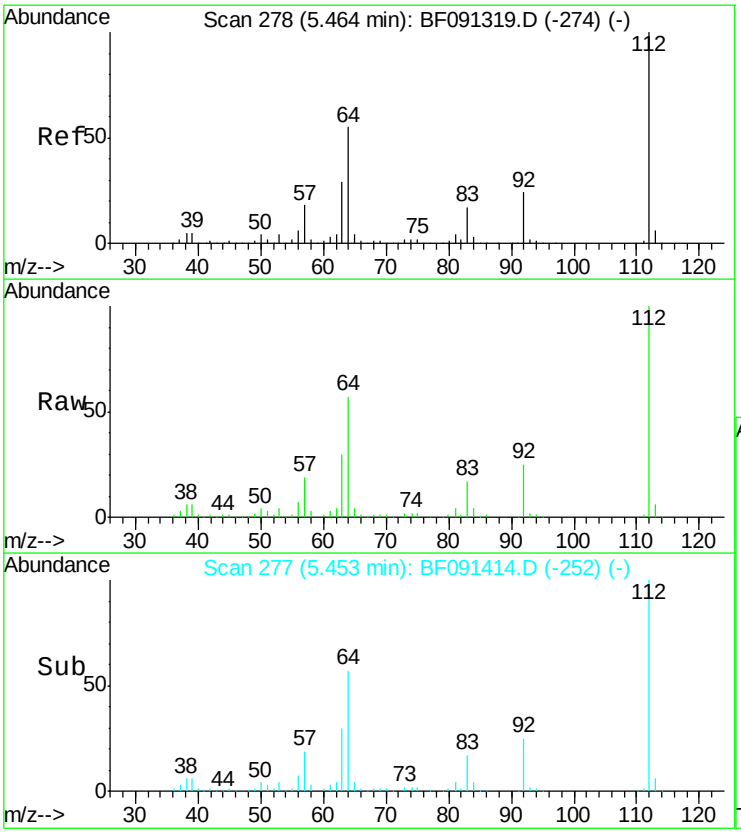
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:152 Resp: 174402

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.5	183.7
115	63.6	51.8	77.8

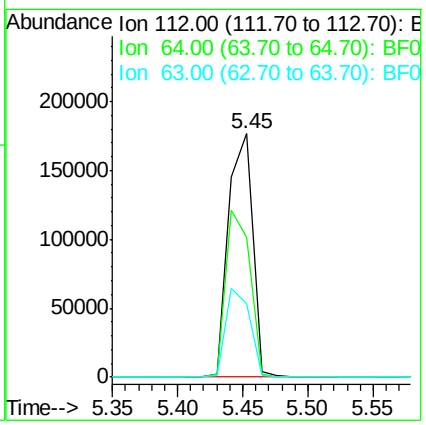


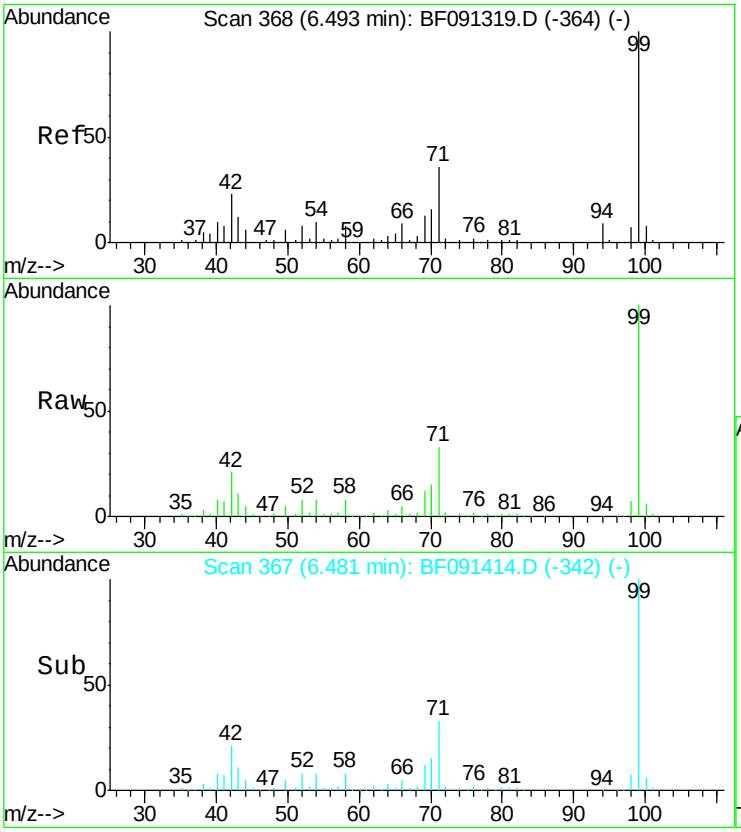


#5
2-Fluorophenol
Concen: 21.22 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:112 Resp: 226547

Ion	Ratio	Lower	Upper
112	100		
64	57.3	61.5	92.3#
63	29.9	33.3	49.9#



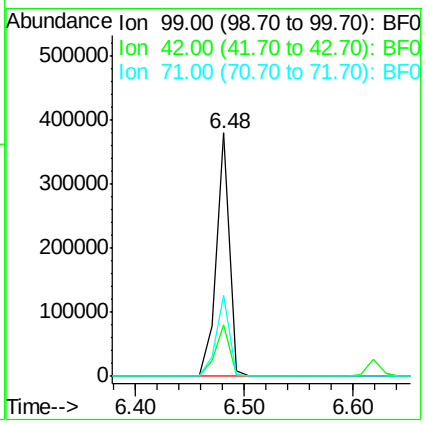


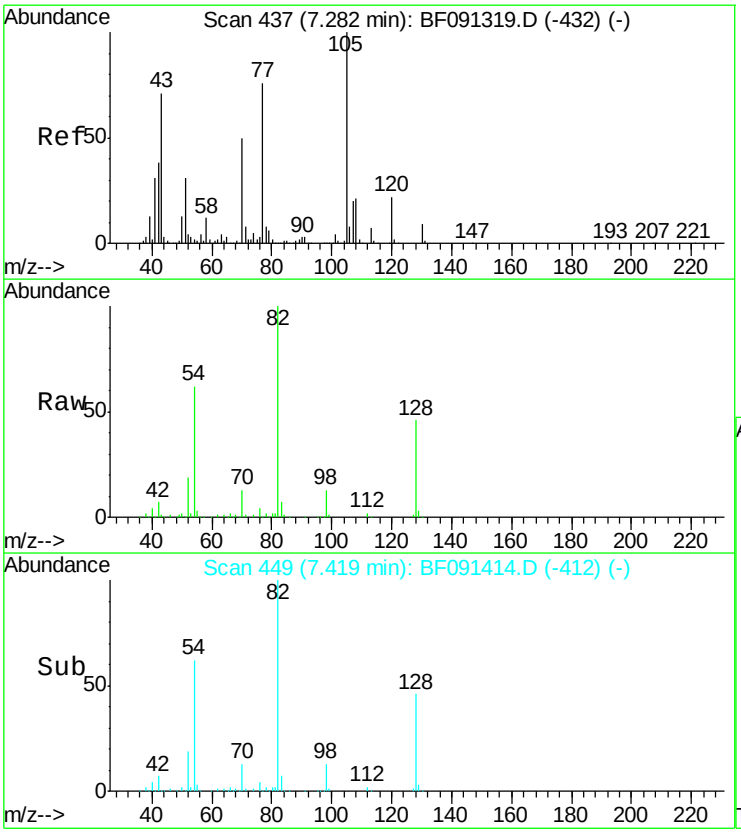
#7
Phenol-d6
Concen: 24.53 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion: 99 Resp: 322320

Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.6	31.0
71	33.4	29.9	44.9

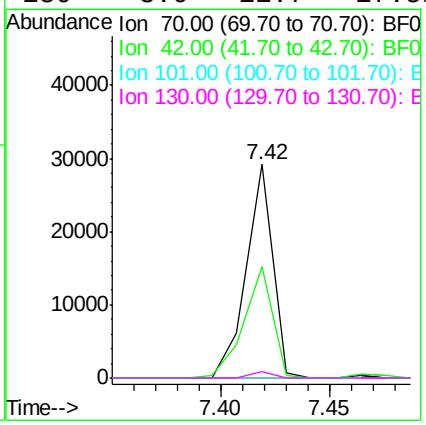


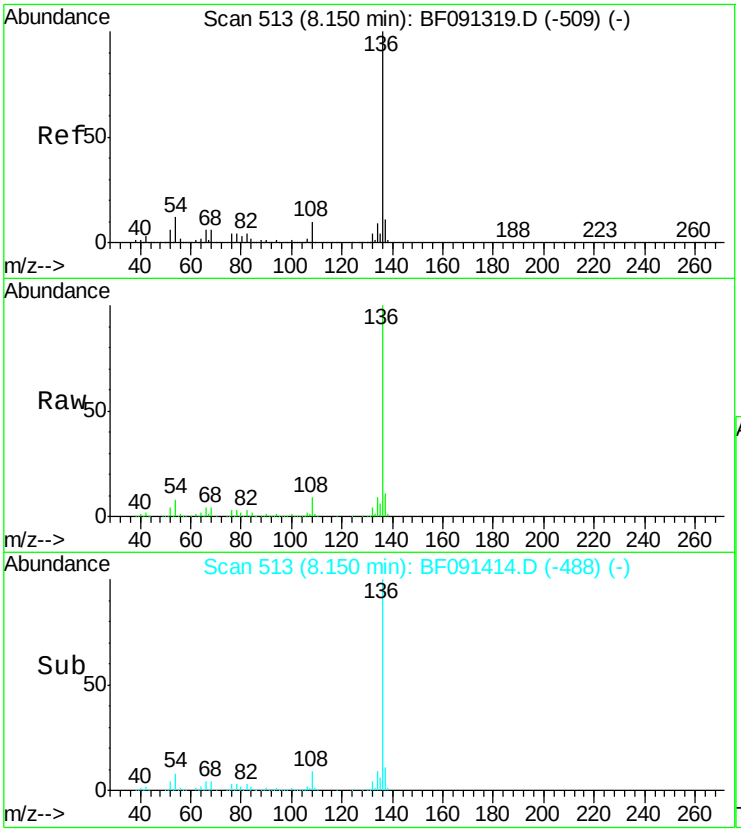


#19
n-Nitroso-di-n-propylamine
Concen: 2.98 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion: 70 Resp: 24664

Ion	Ratio	Lower	Upper
70	100		
42	51.9	64.8	97.2#
101	0.0	6.2	9.4#
130	3.0	11.7	17.5#



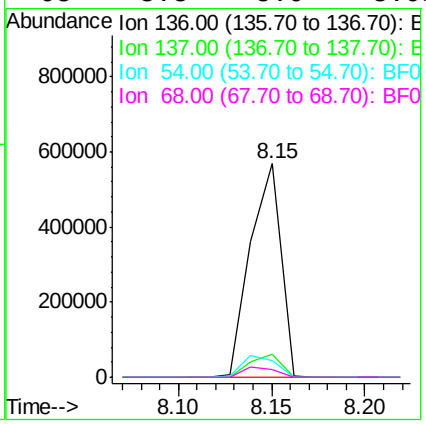


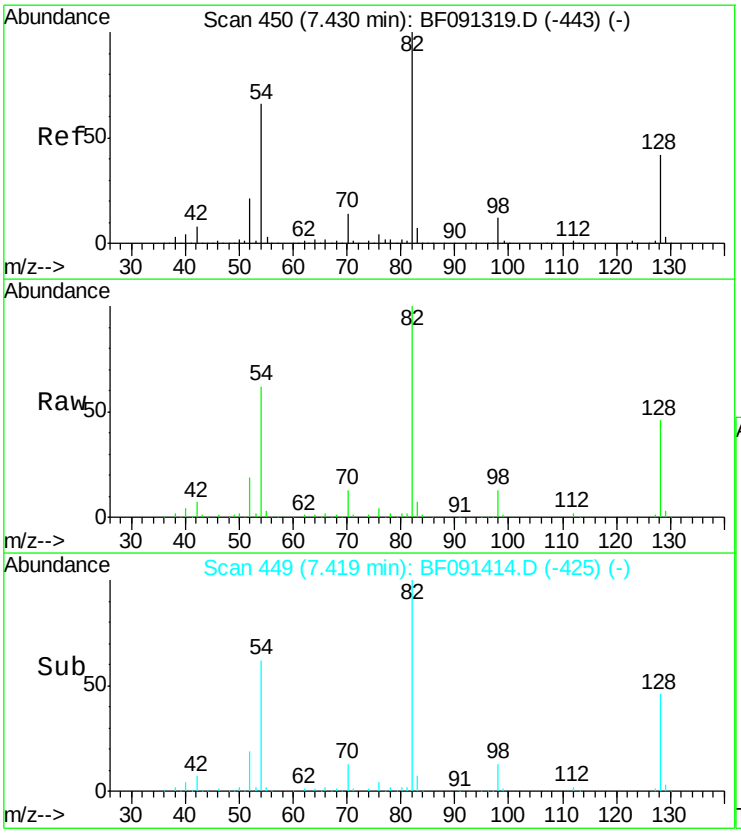
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:136 Resp: 646839

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	7.6	9.1	13.7#
68	3.8	5.9	8.9#

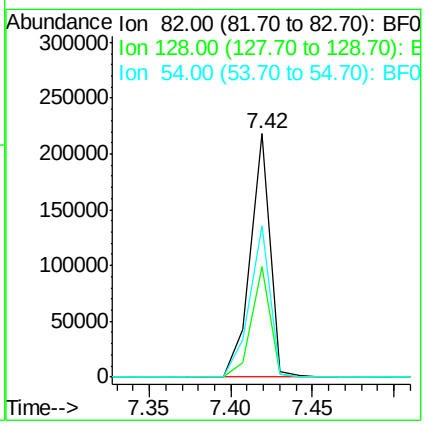


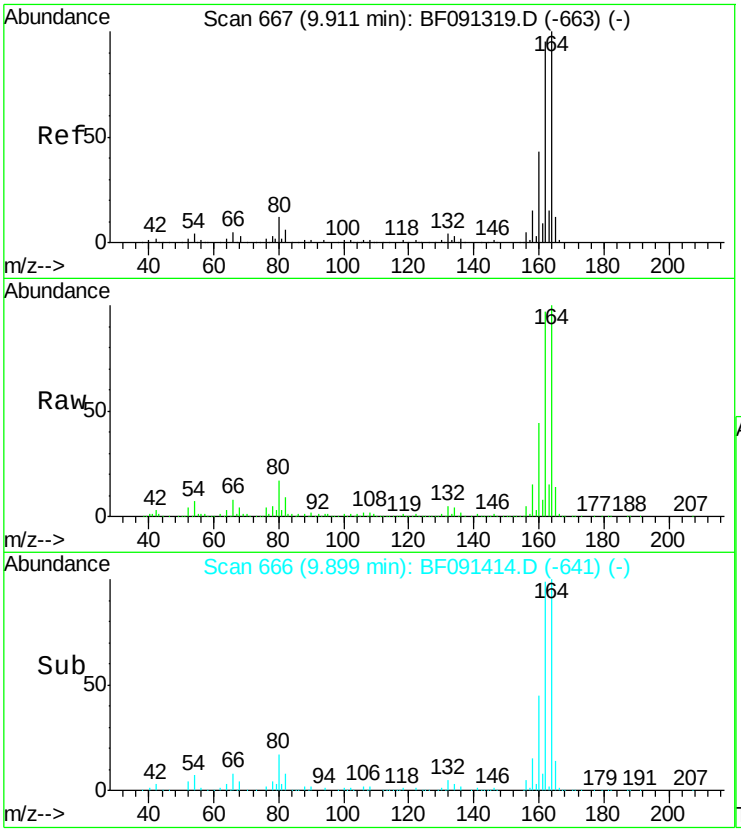


#23
Nitrobenzene-d5
Concen: 15.91 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion: 82 Resp: 183599

Ion	Ratio	Lower	Upper
82	100		
128	45.6	31.8	47.6
54	62.4	49.1	73.7



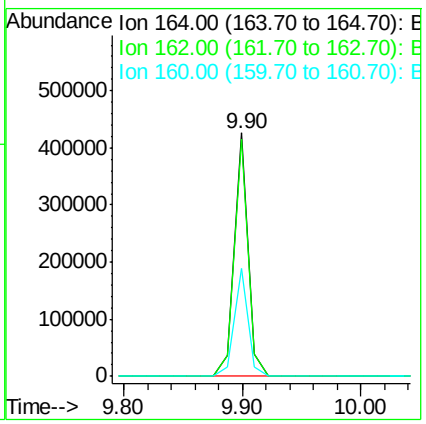


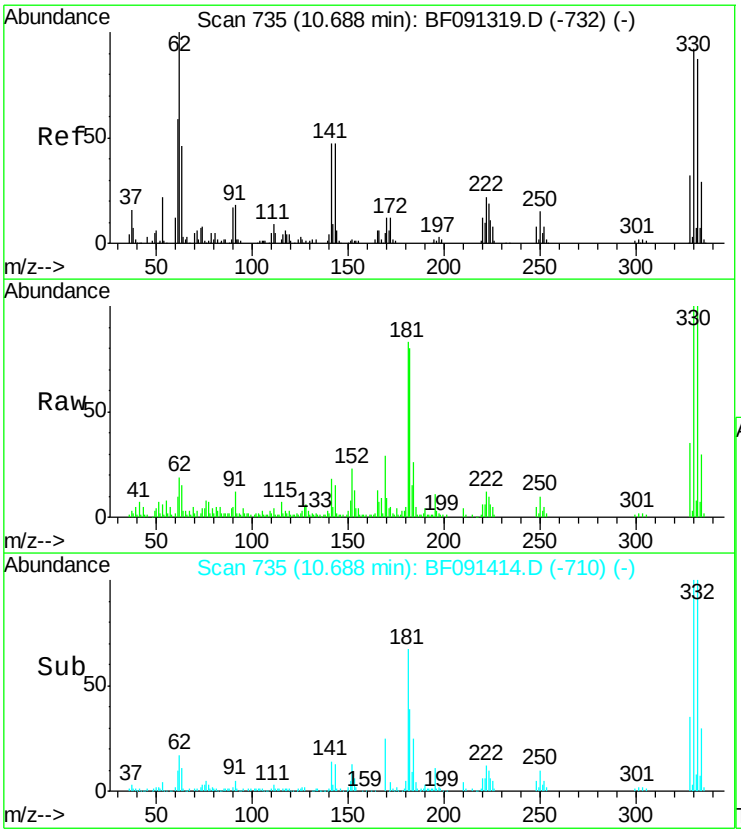
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:164 Resp: 347261

Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.6	124.0
160	44.2	36.7	55.1

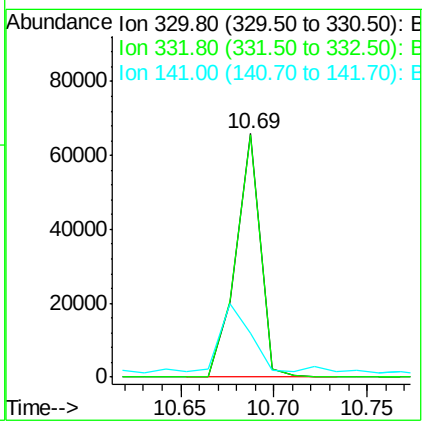


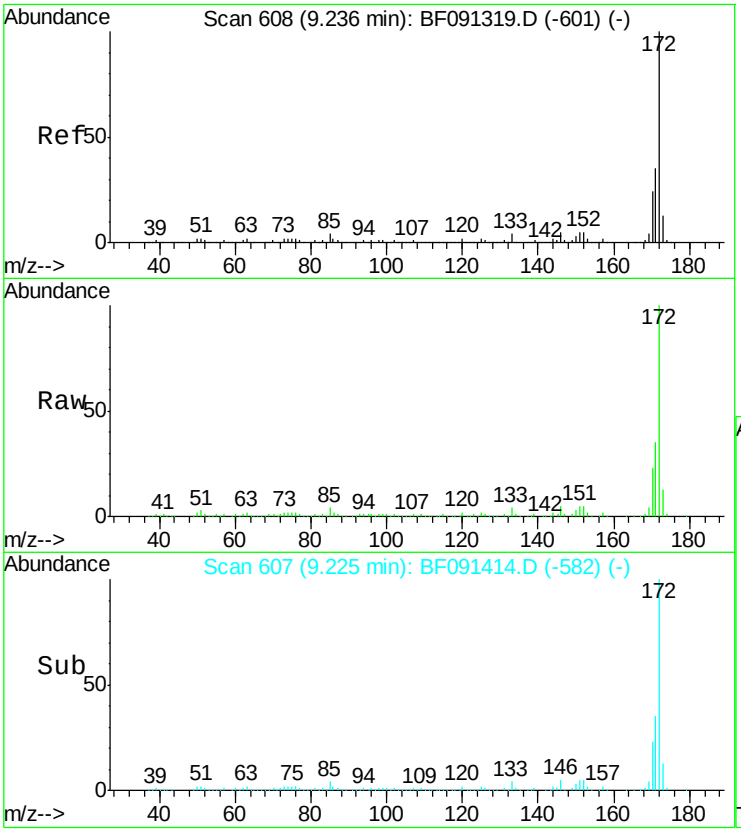


#41
2,4,6-Tribromophenol
Concen: 18.47 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:330 Resp: 60713

Ion	Ratio	Lower	Upper
330	100		
332	100.1	76.2	114.4
141	36.7	33.6	50.4



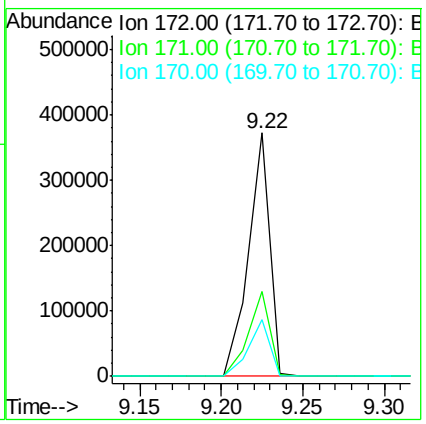


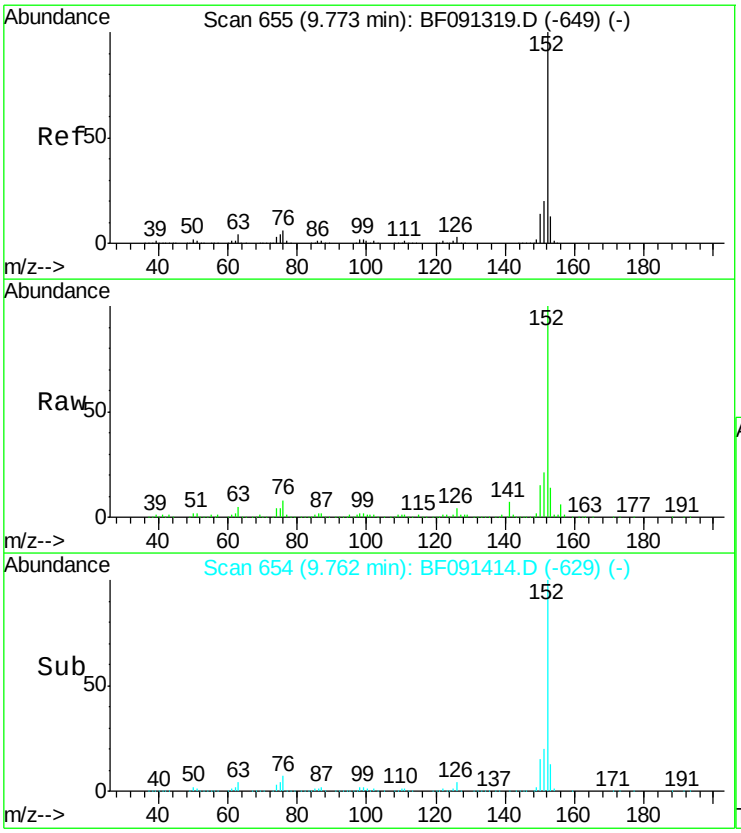
#44
2-Fluorobiphenyl
Concen: 17.55 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:172 Resp: 336643

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.4	44.0
170	23.5	19.7	29.5

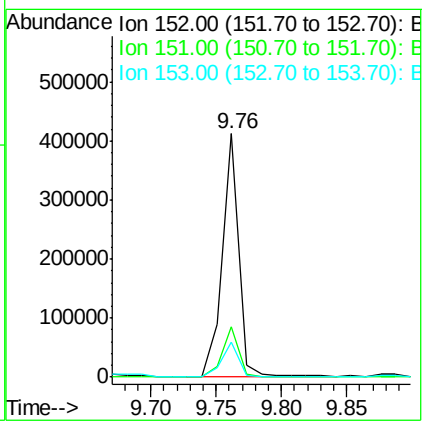


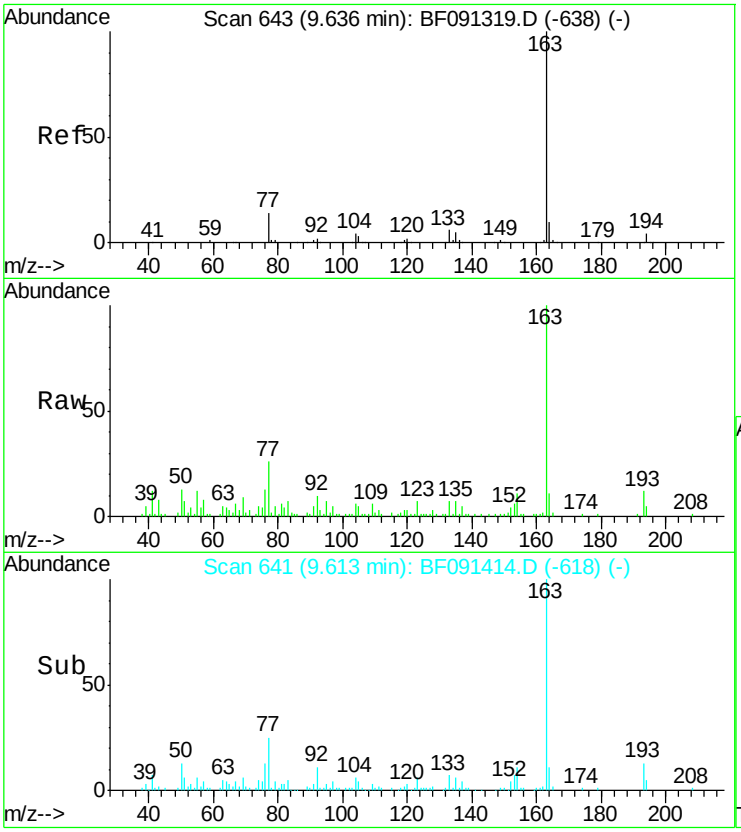


#48
Acenaphthylene
Concen: 12.67 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:152 Resp: 370938

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.4	10.7	16.1



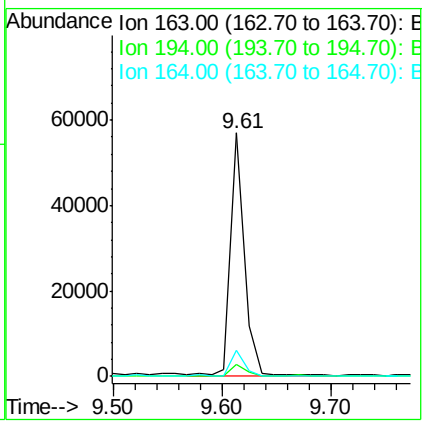


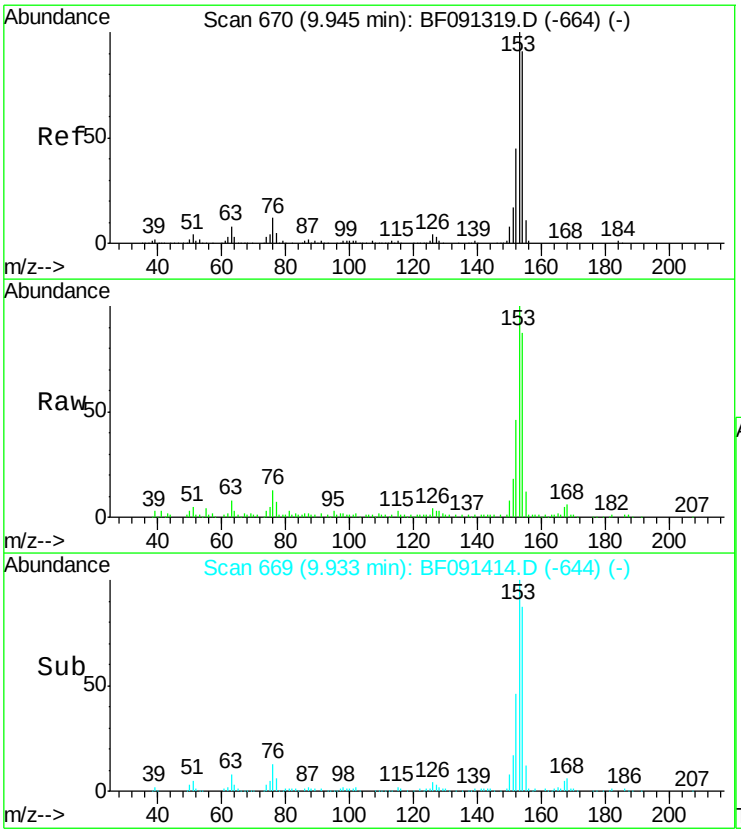
#49
Dimethylphthalate
Concen: 2.43 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:163 Resp: 51195

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.0	4.4#
164	10.6	7.8	11.8

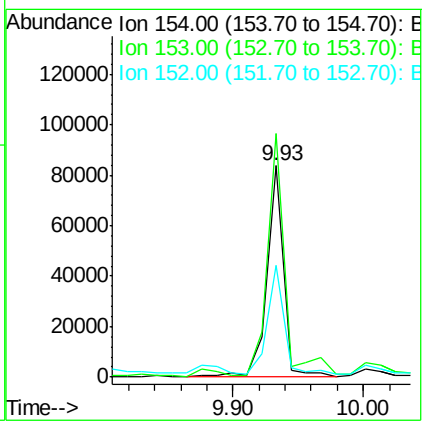


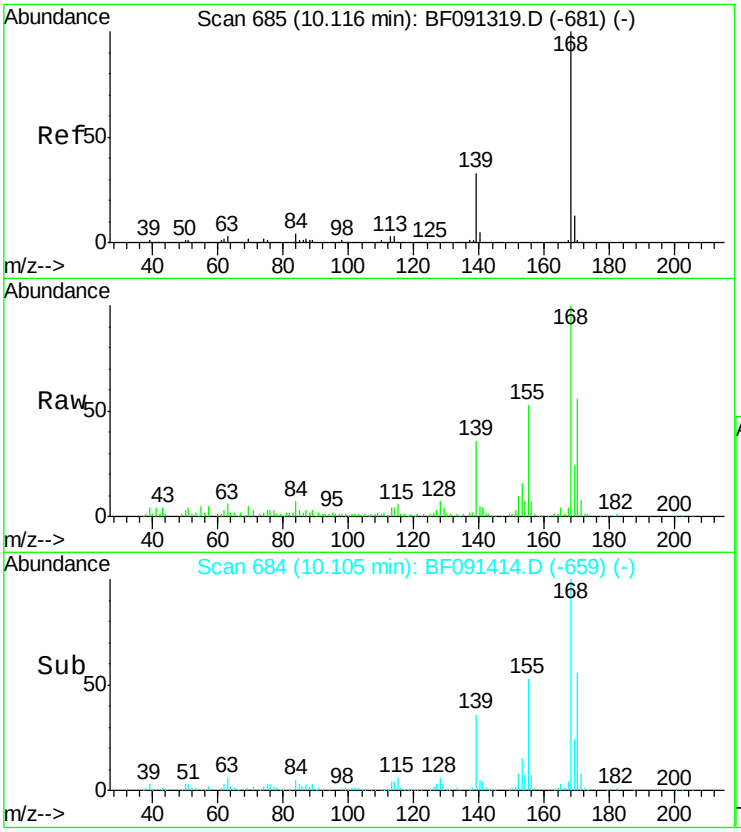


#51
Acenaphthene
Concen: 3.78 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:154 Resp: 74658

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.0	136.6
152	53.1	44.2	66.2



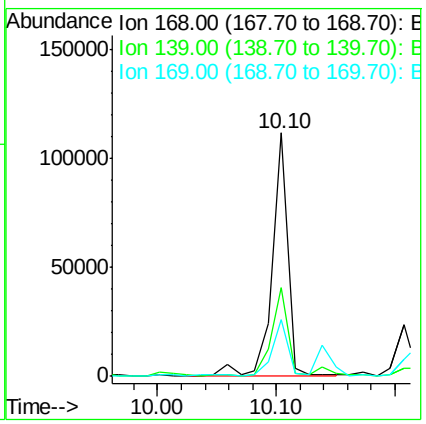


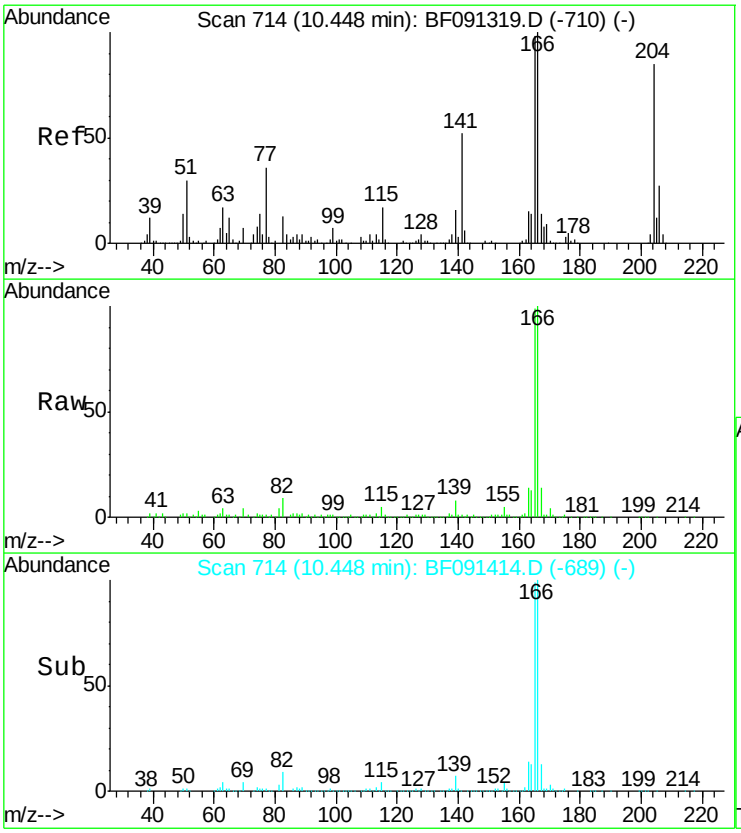
#54
Dibenzofuran
Concen: 3.94 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:168 Resp: 104292

Ion	Ratio	Lower	Upper
168	100		
139	36.2	33.4	50.2
169	23.6	11.1	16.7#

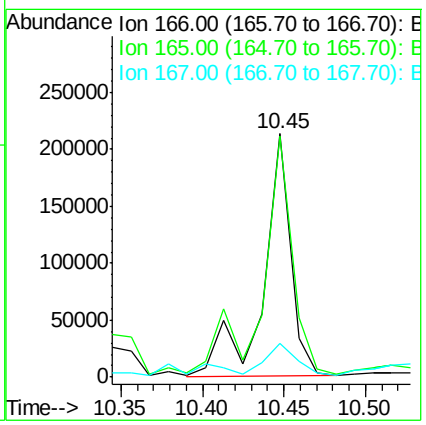


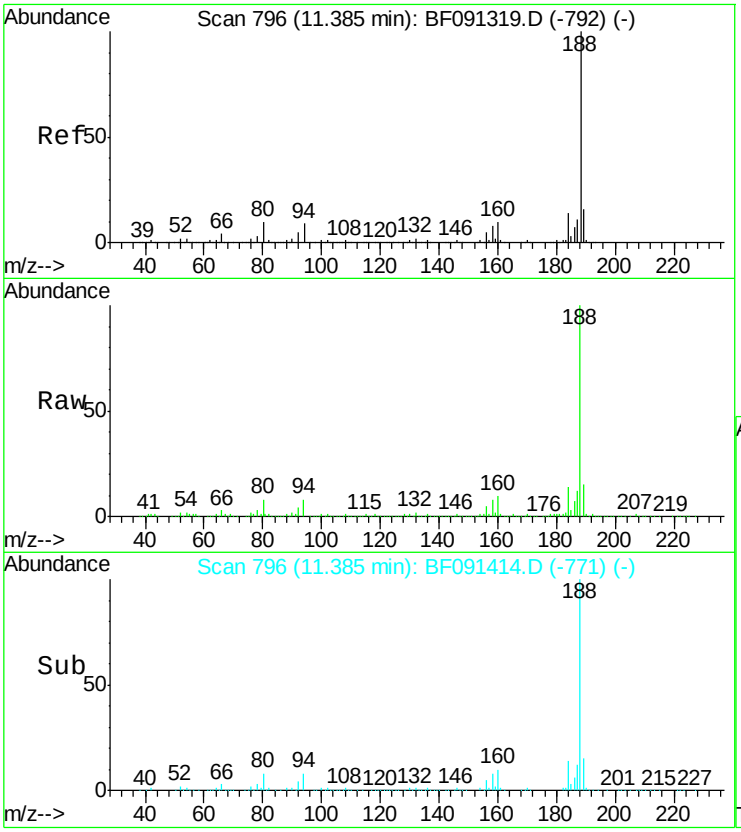


#57
Fluorene
Concen: 12.42 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:166 Resp: 252189

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.0	120.0
167	13.6	10.8	16.2



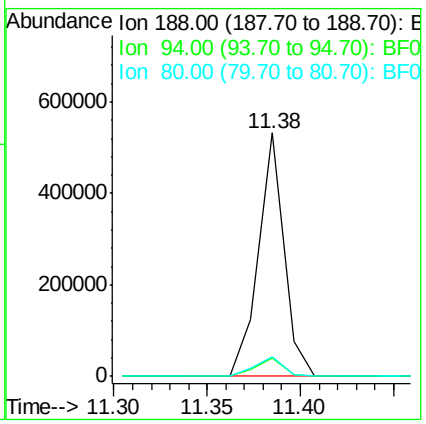


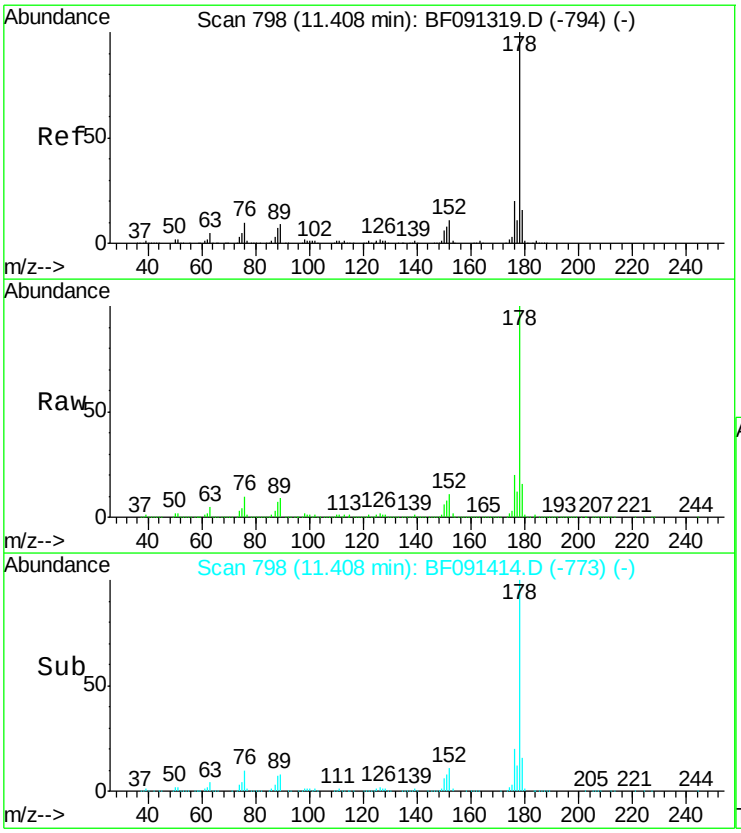
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:188 Resp: 505123

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.2	13.8#
80	8.2	10.5	15.7#

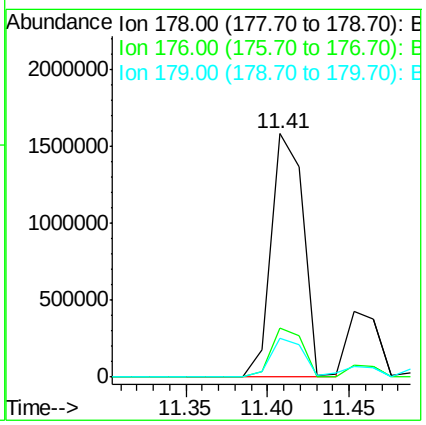


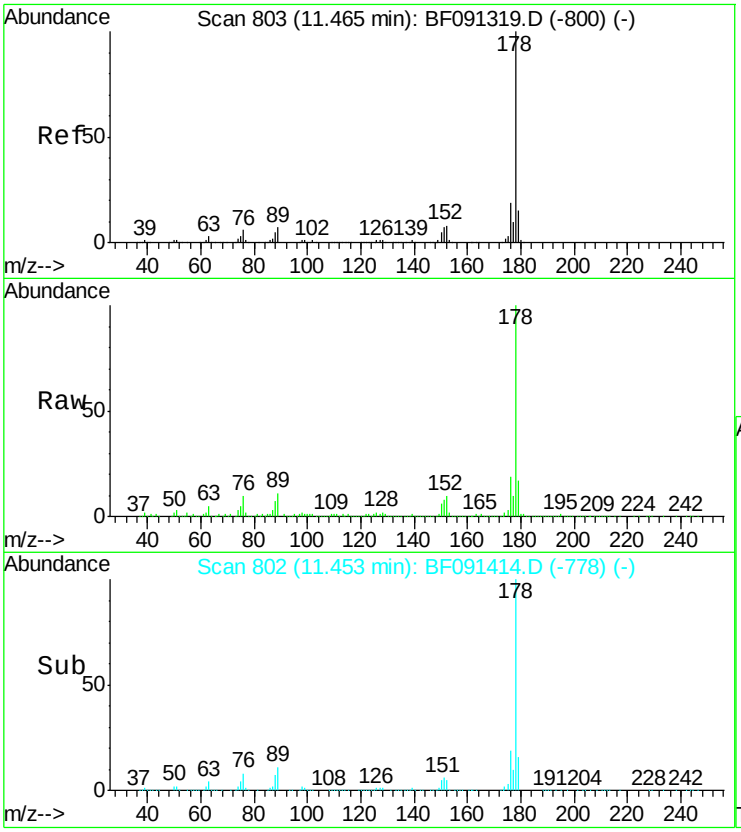


#70
Phenanthrene
Concen: 82.35 ng
RT: 11.41 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:178 Resp: 2161402

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.1	12.6	18.8



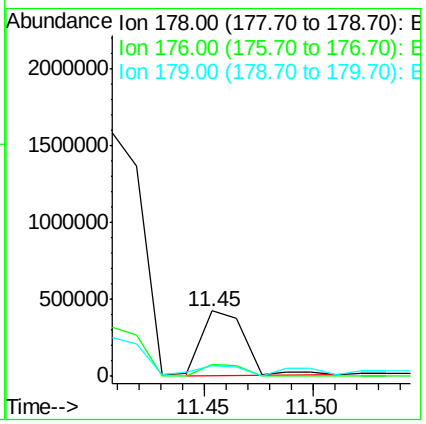


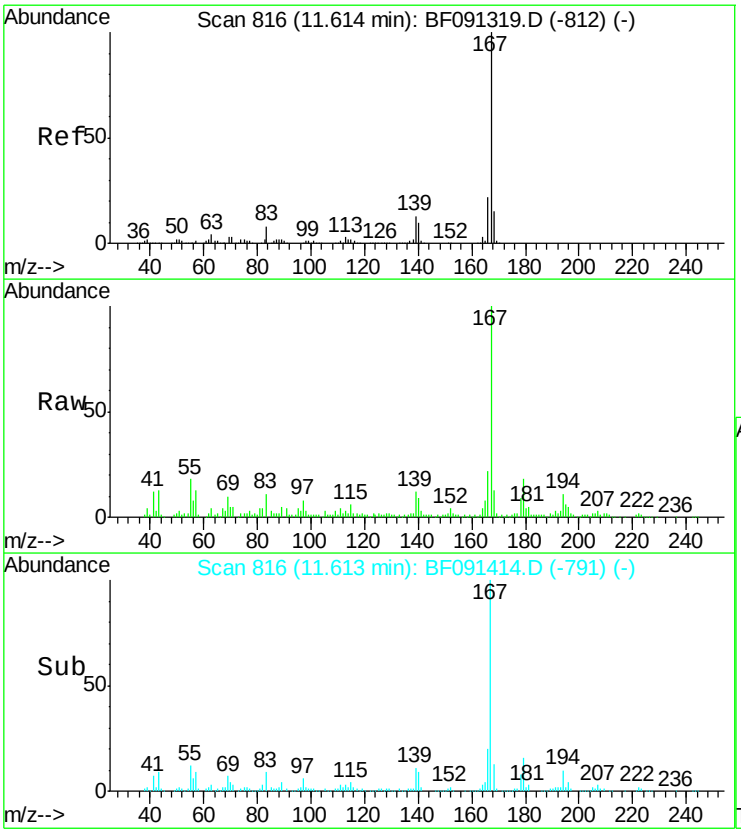
#71
Anthracene
Concen: 22.08 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:178 Resp: 575235

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	16.6	12.7	19.1

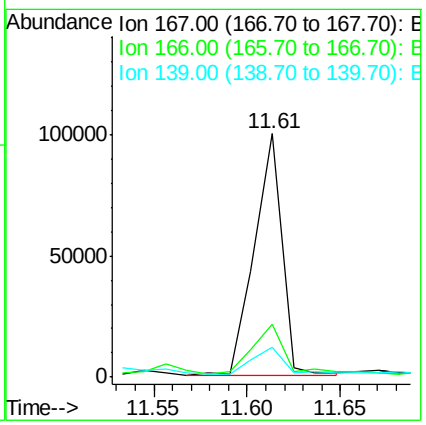


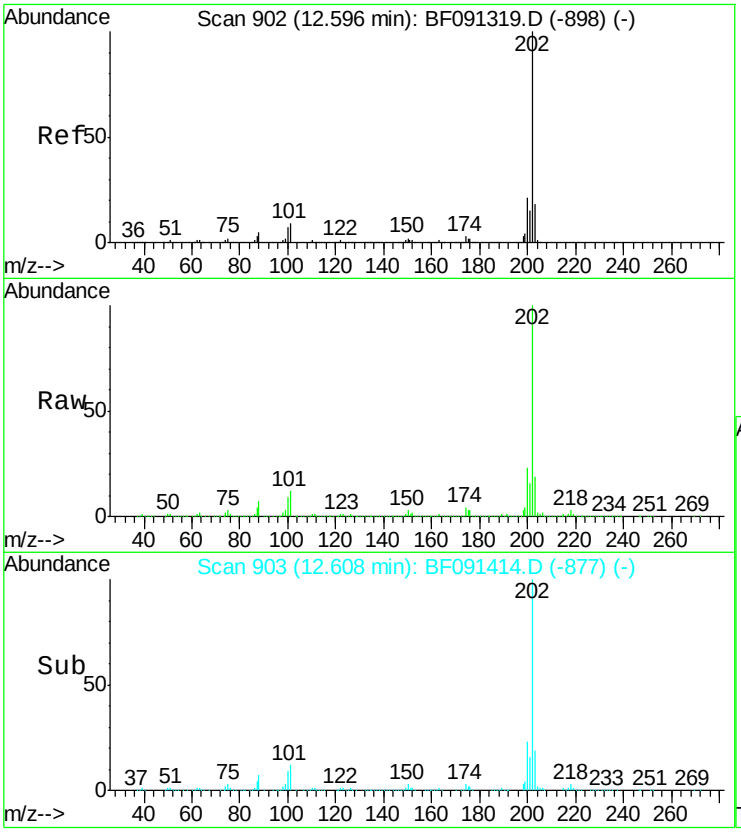


#72
Carbazole
Concen: 4.28 ng
RT: 11.61 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:167 Resp: 101146

Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.3	11.5	17.3



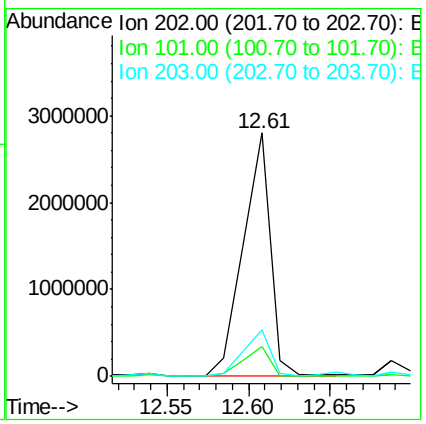


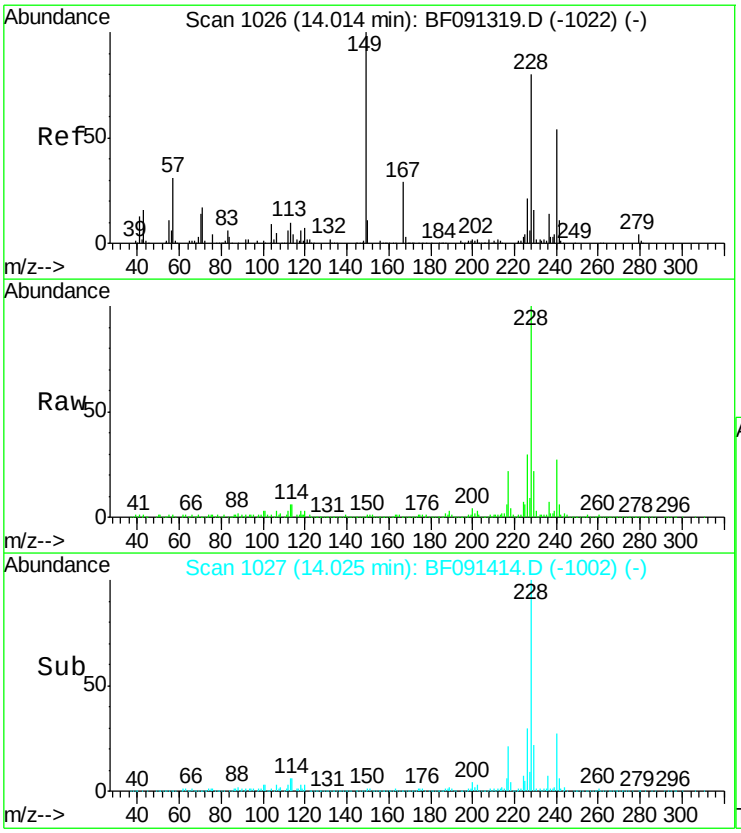
#74
Fluoranthene
Concen: 129.95 ng
RT: 12.61 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 3230810

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	29.5
203	19.2	0.0	37.8

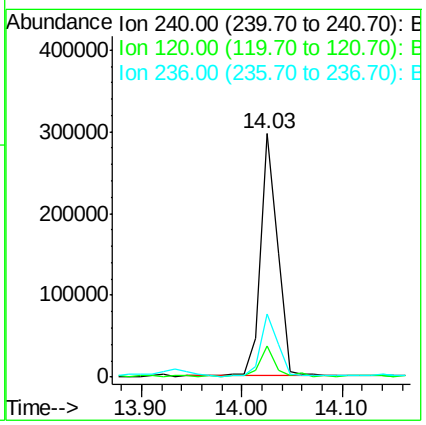


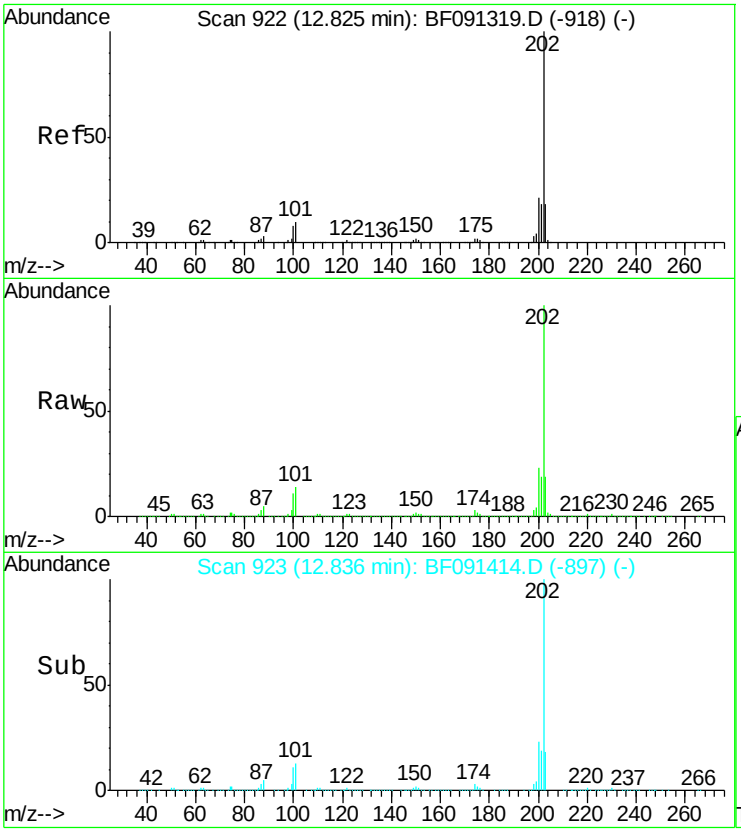


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:240 Resp: 346805

Ion	Ratio	Lower	Upper
240	100		
120	12.5	12.1	18.1
236	26.0	21.0	31.6



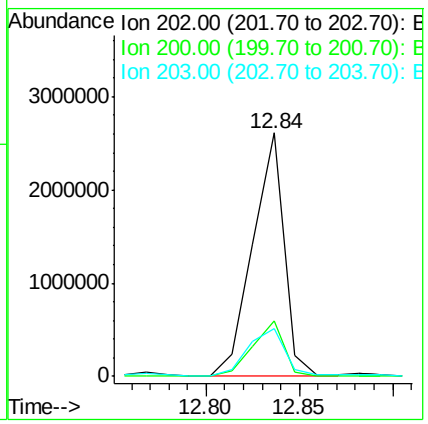


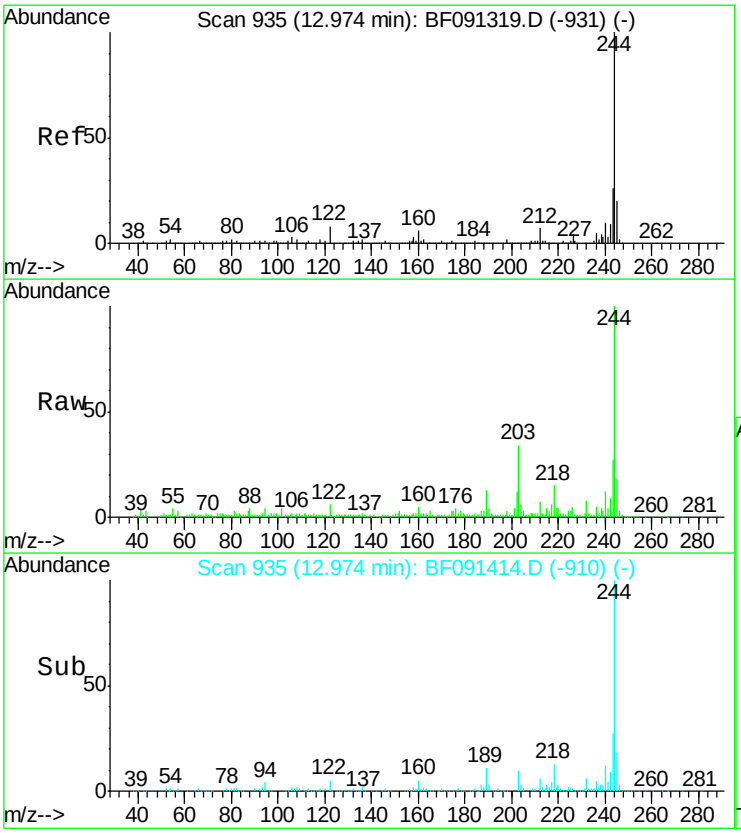
#77
Pyrene
Concen: 116.65 ng
RT: 12.84 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:202 Resp: 3069993

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	19.4	14.0	21.0

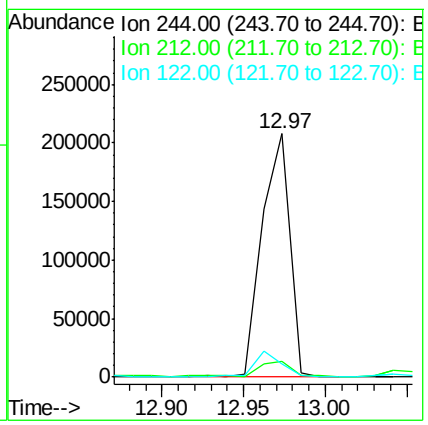


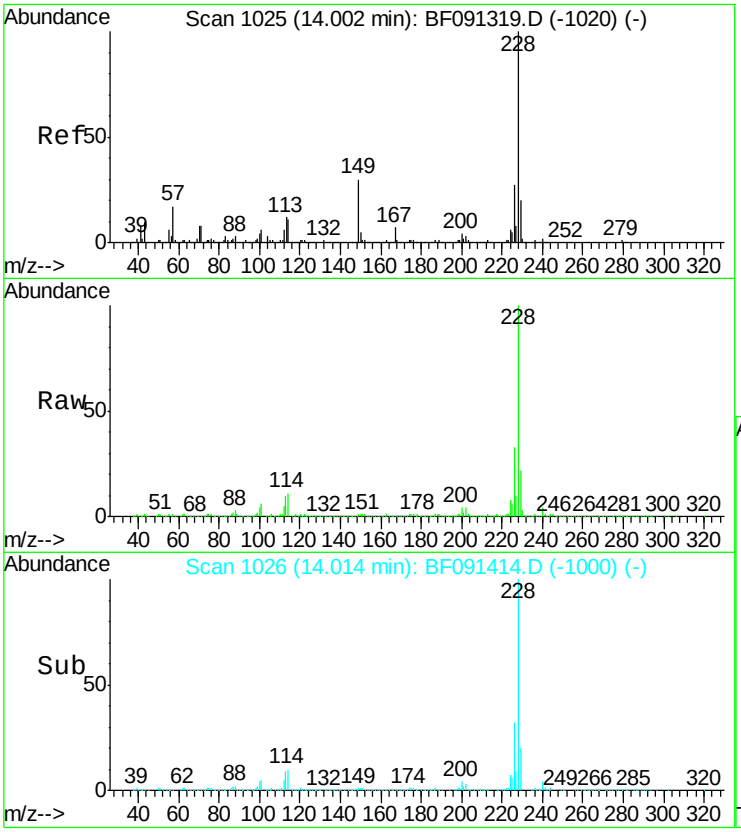


#78
Terphenyl-d14
Concen: 15.51 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:244 Resp: 247531

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	5.7	9.5	14.3#



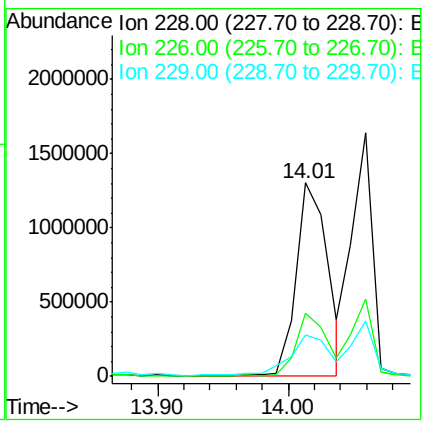


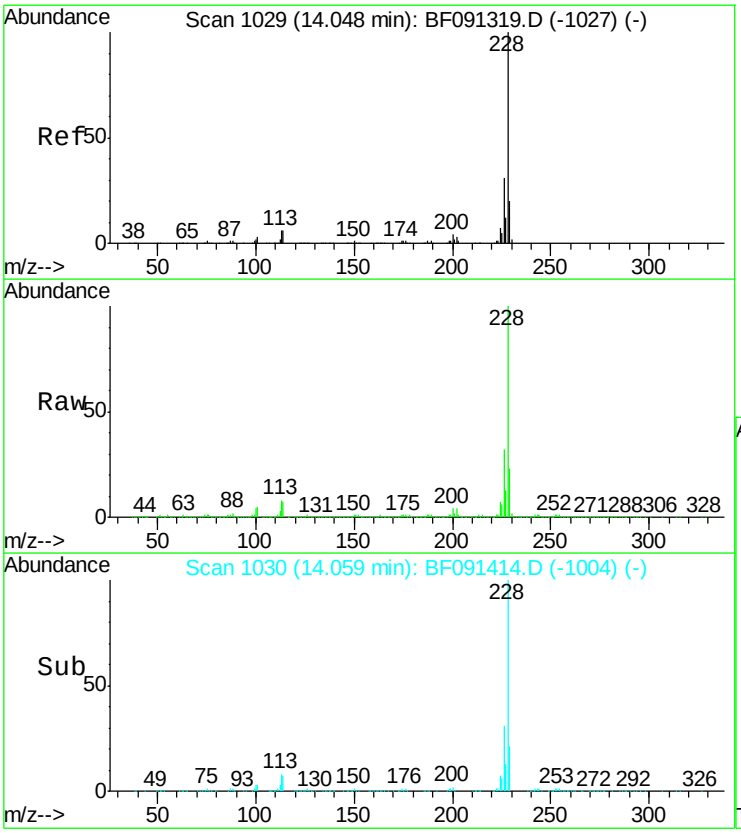
#80
Benzo(a)anthracene
Concen: 107.80 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:228 Resp: 2186320

Ion	Ratio	Lower	Upper
228	100		
226	32.7	22.5	33.7
229	21.7	16.4	24.6

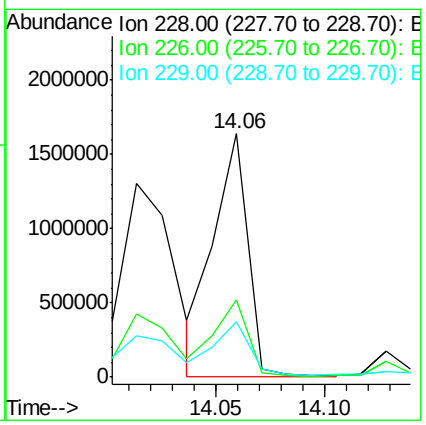


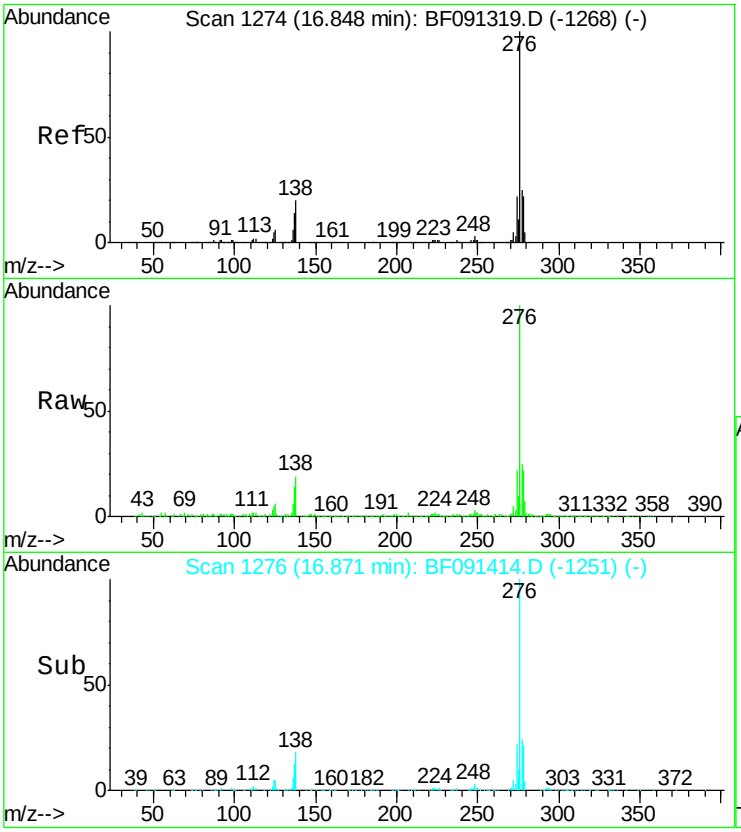


#82
Chrysene
Concen: 88.55 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:228 Resp: 1776998

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.4
229	23.0	16.0	24.0



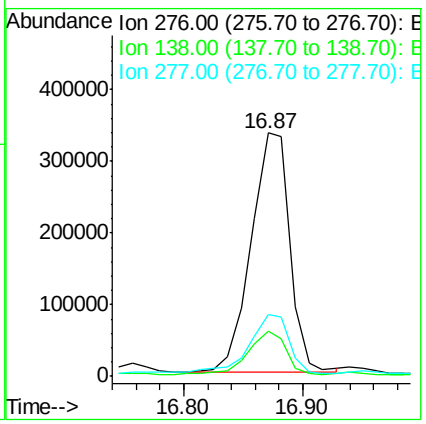


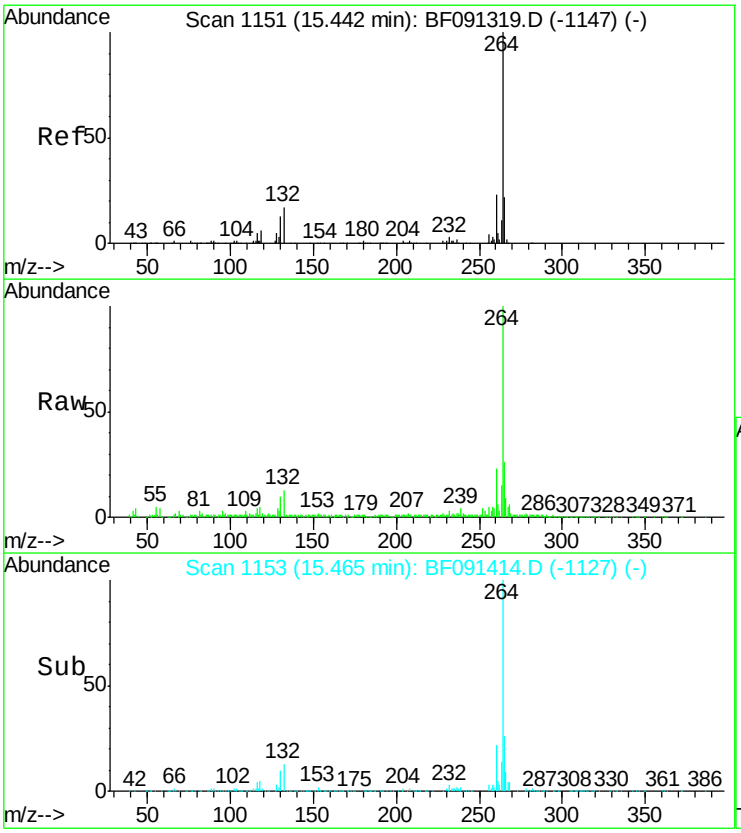
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.61 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:276 Resp: 764671

Ion	Ratio	Lower	Upper
276	100		
138	17.5	21.0	31.4#
277	25.8	20.2	30.2

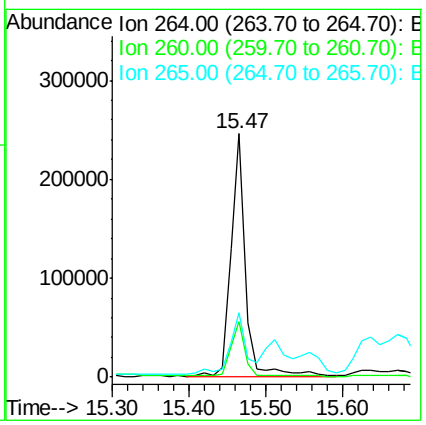


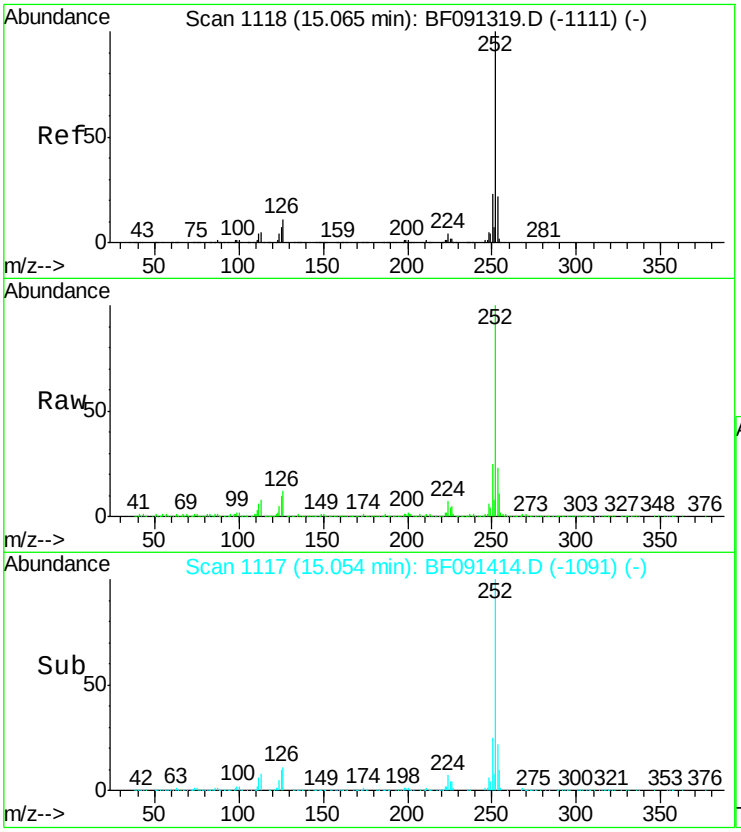


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:264 Resp: 329574

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.8	28.2
265	26.3	17.0	25.6#



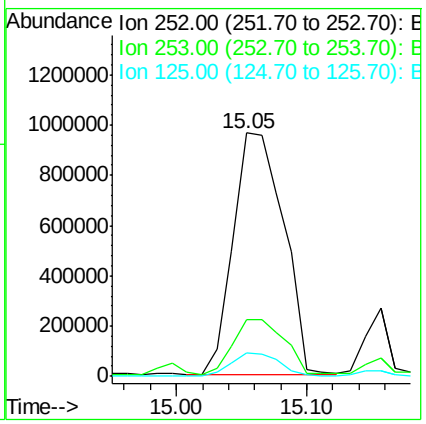


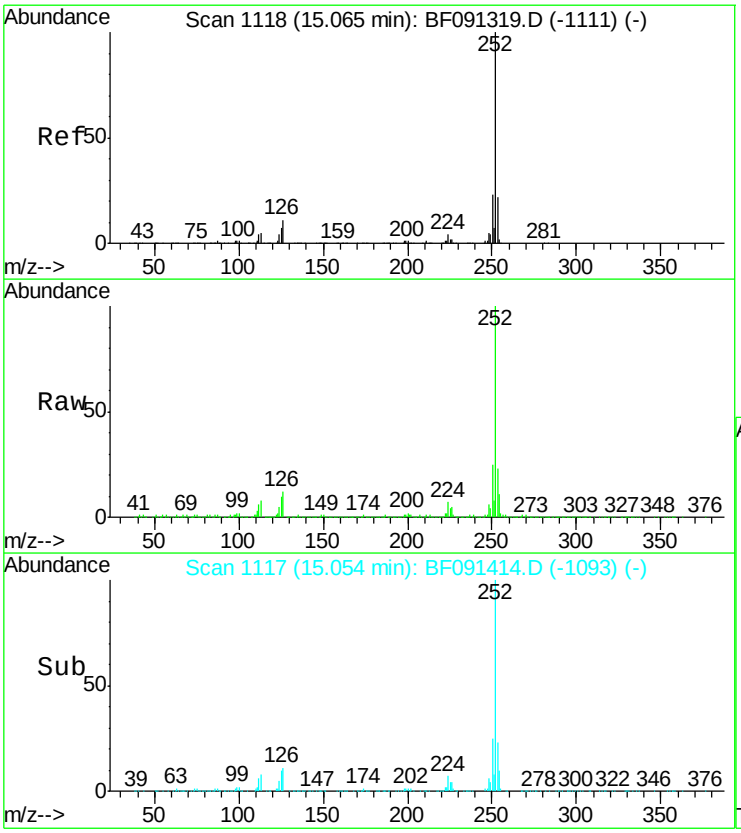
#87
Benzo(b)fluoranthene
Concen: 126.01 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:252 Resp: 2581387

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.9	8.6	13.0

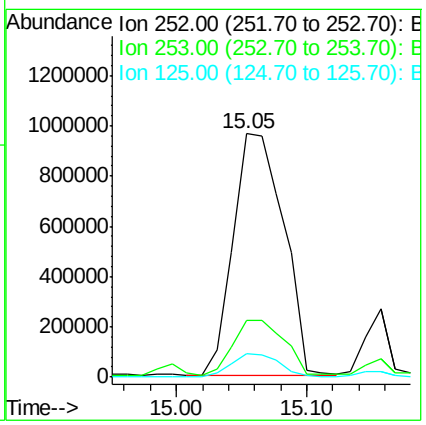


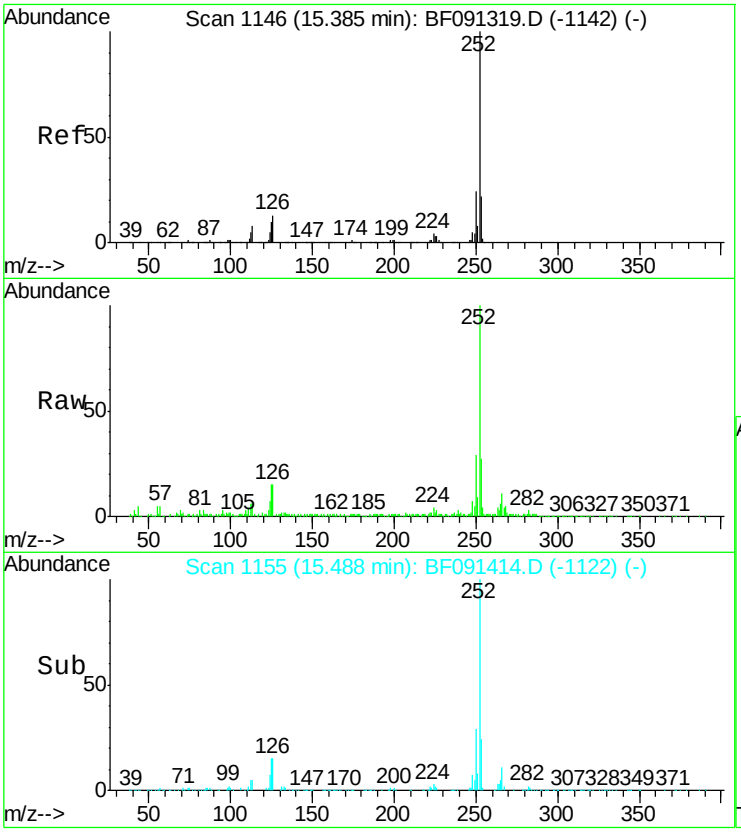


#88
Benzo(k)fluoranthene
Concen: 149.85 ng
RT: 15.05 min Scan# 1117
Delta R.T. -0.03 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:252 Resp: 2581387

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.9	9.6	14.4



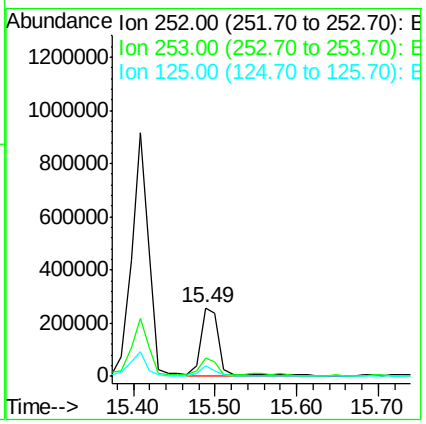


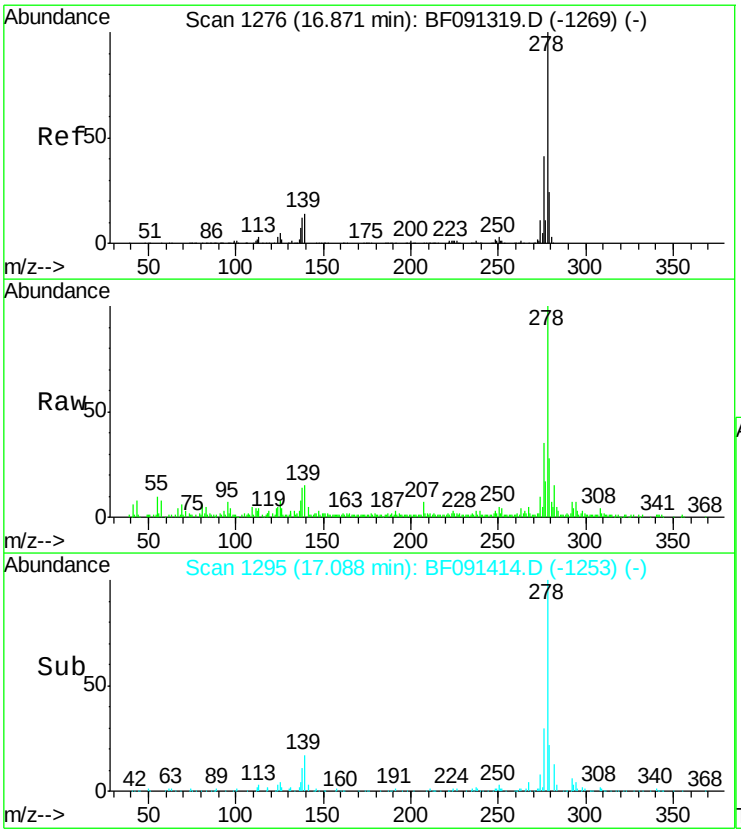
#89
Benzo(a)pyrene
Concen: 21.26 ng
RT: 15.49 min Scan# 1155
Delta R.T. 0.07 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:252 Resp: 391049

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.2	27.4
125	15.5	10.4	15.6

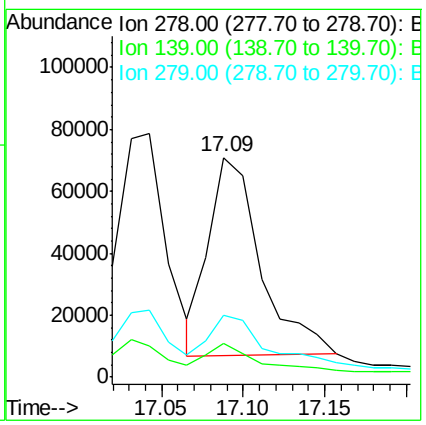


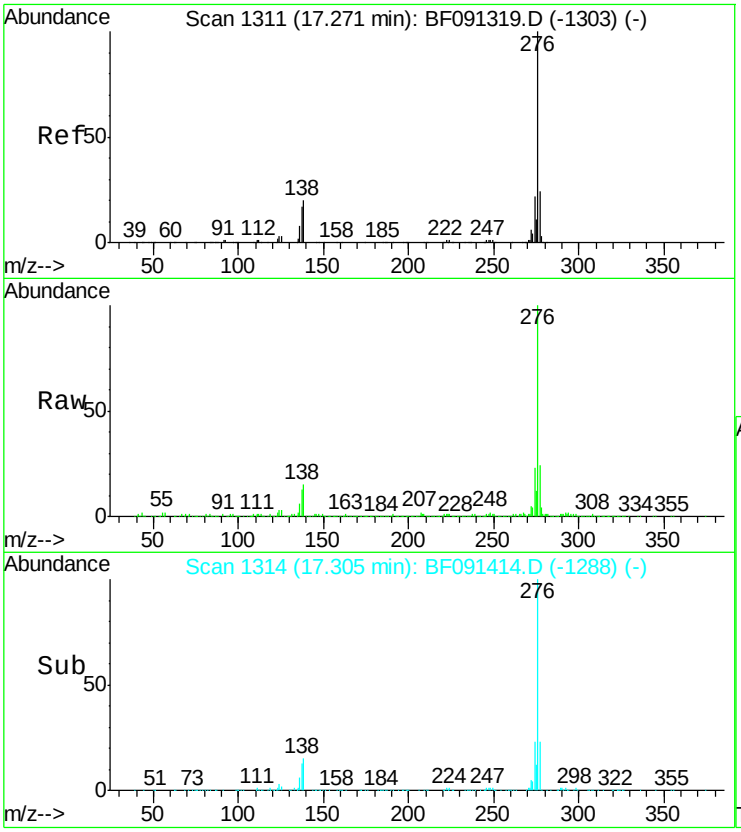


#90
Dibenzo(a,h)anthracene
Concen: 8.35 ng
RT: 17.09 min Scan# 1295
Delta R.T. 0.18 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Tgt Ion:278 Resp: 142076

Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.1	22.7
279	27.9	19.0	28.6





#91
Benzo(g,h,i)perylene
Concen: 39.73 ng
RT: 17.31 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF091414.D
Acq: 3 Dec 2016 2:47

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:276 Resp: 696970

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	15.4	15.4	23.0