Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090268.D
Acq On : 27 Sep 2016 22:43
Operator : UM/SJ
Sample : H4949-07 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-4-1-LOC-4(0-5)

Quant Time: Sep 28 00:45:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	170604	20.00	ng		0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng		-7.77
38) Acenaphthene-d10	9.50	164	234284	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	313063	20.00	ng		-0.01
75) Chrysene-d12	13.58	240	263061	20.00	ng		-0.02
86) Perylene-d12	14.90	264	229229	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	390880	37.35	ng		0.00
7) Phenol-d6	6.14	99	527771	40.83	ng		0.00
23) Nitrobenzene-d5	7.04	82	269877	0.00	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	90375	44.96	ng		-0.01
44) 2-Fluorobiphenyl	8.84	172	521139	43.67	ng		-0.01
78) Terphenyl-d14	12.55	244	318259	30.72	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.04	70	33040	4.35	ng	#	83
48) Acenaphthylene	9.36	152	95618	4.76	ng		99
49) Dimethylphthalate	9.24	163	196337	13.16	ng		99
70) Phenanthrene	10.99	178	208419	14.24	ng		98
71) Anthracene	11.04	178	69656	4.54	ng		97
72) Carbazole	11.20	167	34024	2.10	ng		96
74) Fluoranthene	12.17	202	403961	25.70	ng		91
77) Pyrene	12.39	202	348654	19.37	ng		98
79) Butylbenzylphthalate	13.04	149	182036	20.67	ng		98
80) Benzo(a)anthracene	13.57	228	368317	26.02	ng	#	87
82) Chrysene	13.57	228	368317	26.72	ng	#	91
83) Bis(2-ethylhexyl)phthalate	13.62	149	3257055	289.05	ng	#	98
85) Indeno(1,2,3-cd)pyrene	15.92	276	23111	2.07	ng		91
87) Benzo(b)fluoranthene	14.57	252	361747	28.50	ng		97
88) Benzo(k)fluoranthene	14.57	252	361747	30.37	ng	#	96
89) Benzo(a)pyrene	14.86	252	168938	14.15	ng		97
90) Dibenzo(a,h)anthracene	16.05	278	29905	3.21	ng	#	83
91) Benzo(g,h,i)perylene	16.38	276	106300	11.66	ng		97

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

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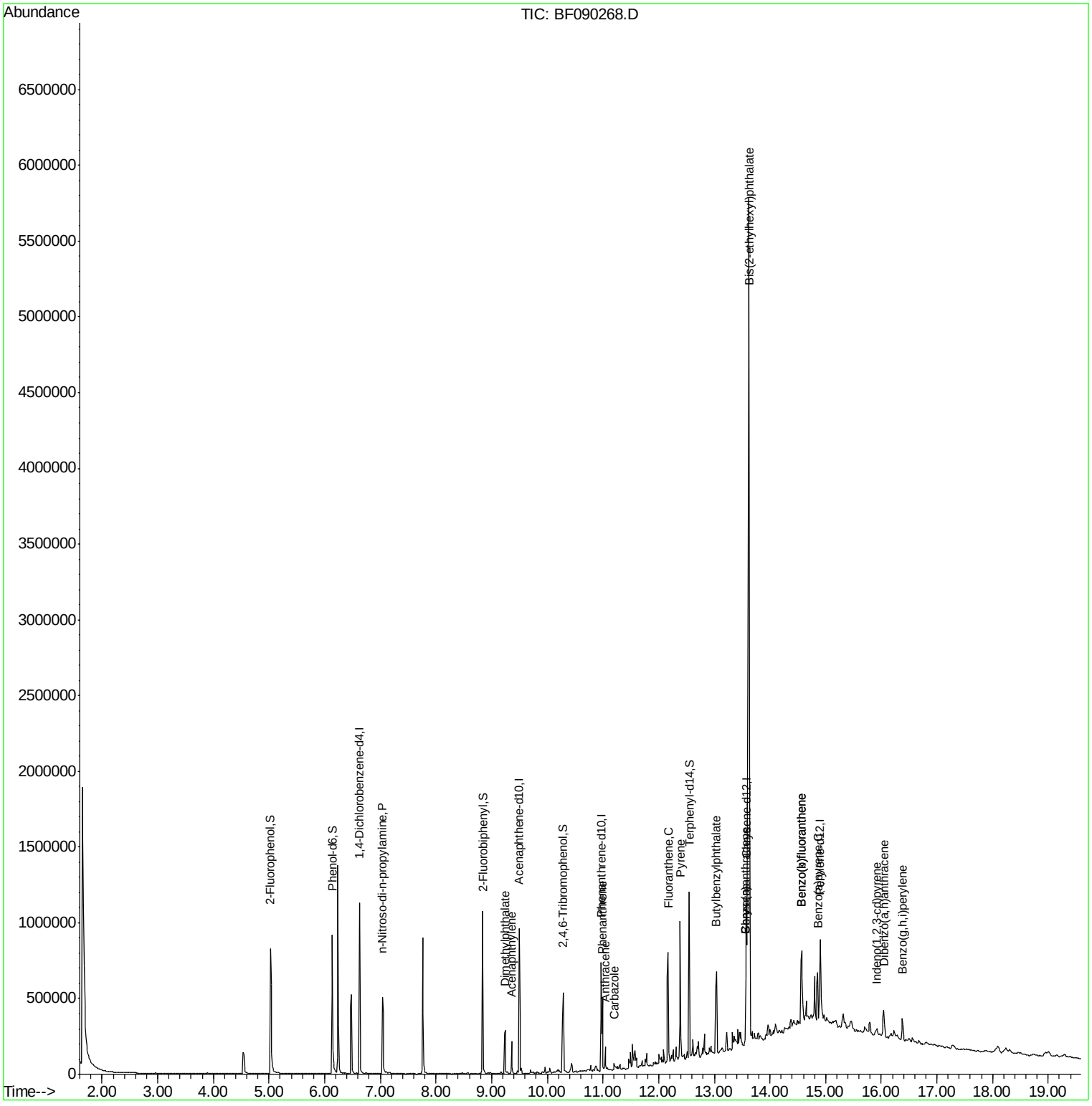
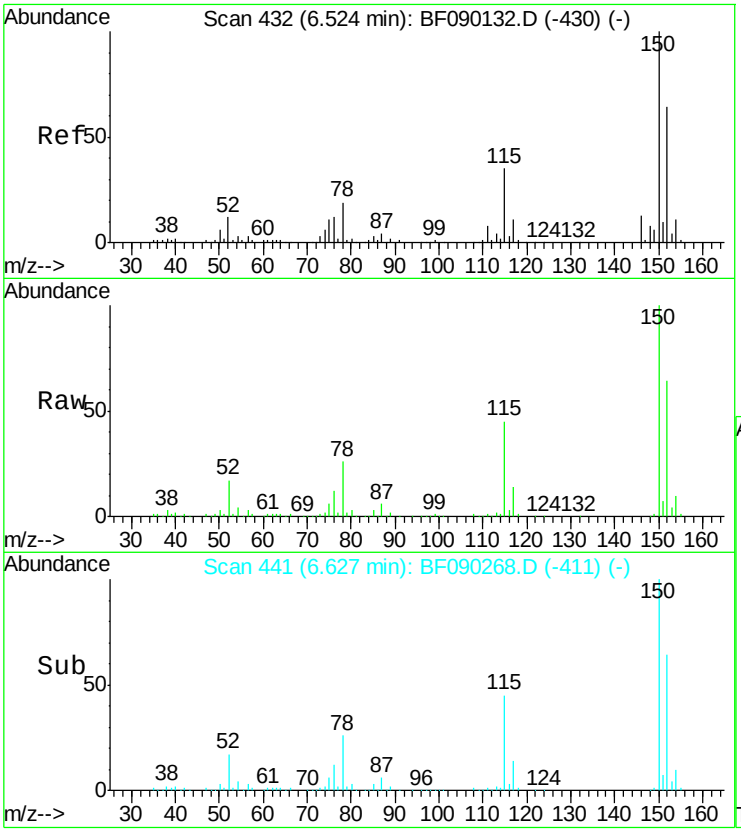


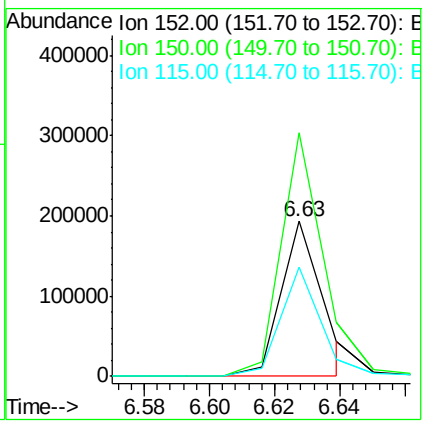


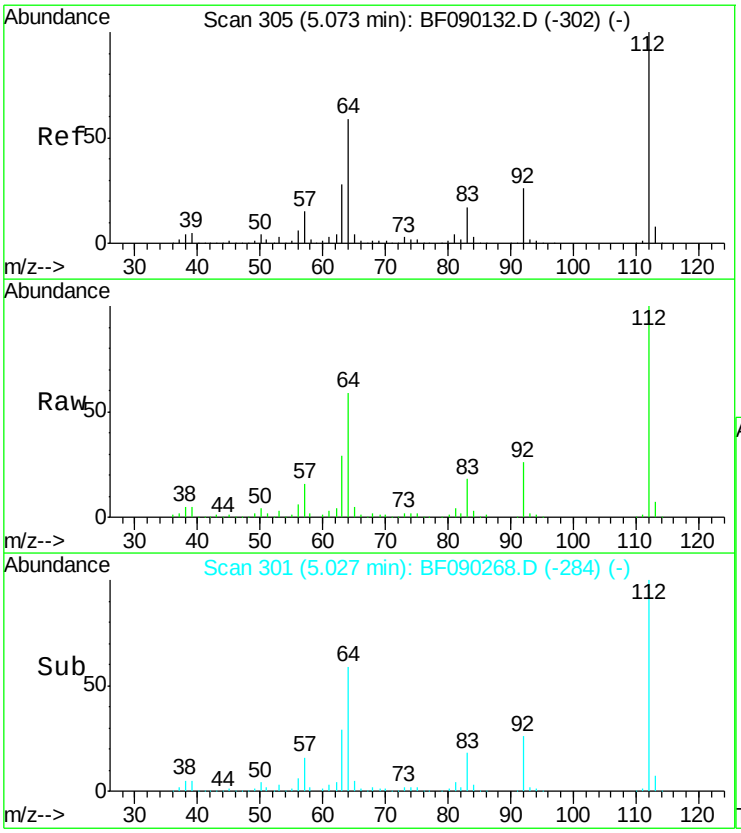
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 441
Delta R.T. 0.15 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:152 Resp: 170604

Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.9	193.3
115	70.5	55.5	83.3

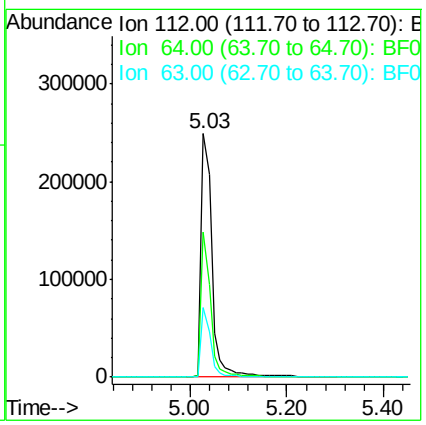


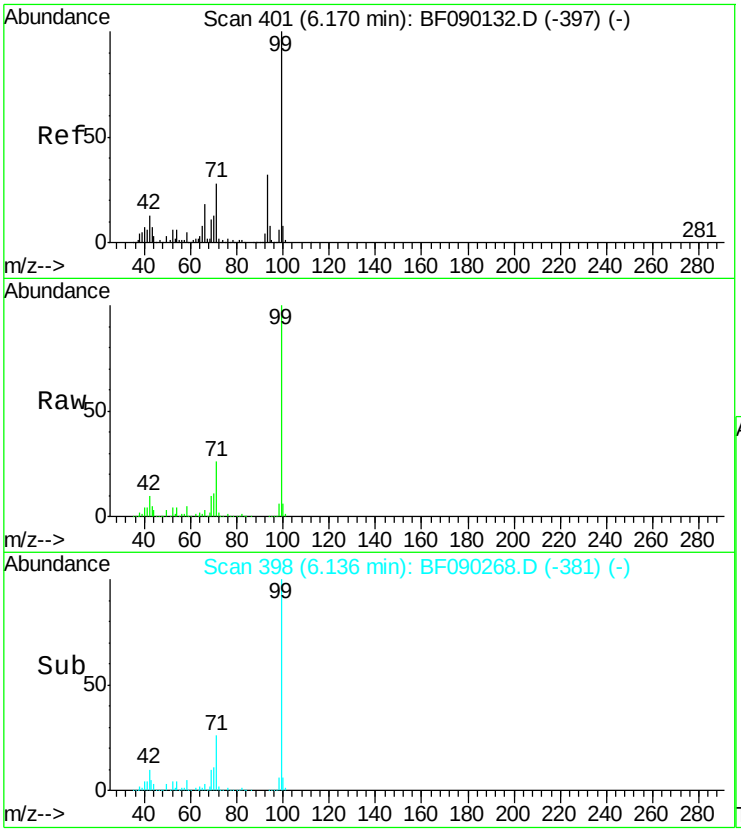


#5
2-Fluorophenol
Concen: 37.35 ng
RT: 5.03 min Scan# 301
Delta R.T. -0.00 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:112 Resp: 390880

Ion	Ratio	Lower	Upper
112	100		
64	59.5	39.8	59.6
63	28.8	18.9	28.3#



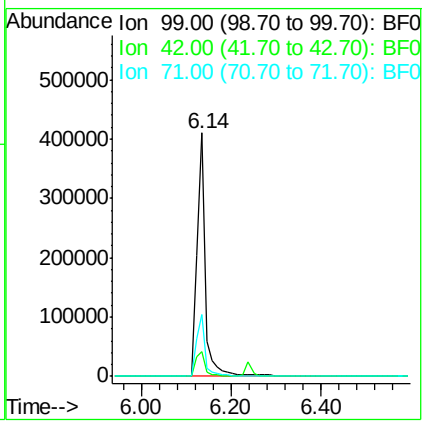


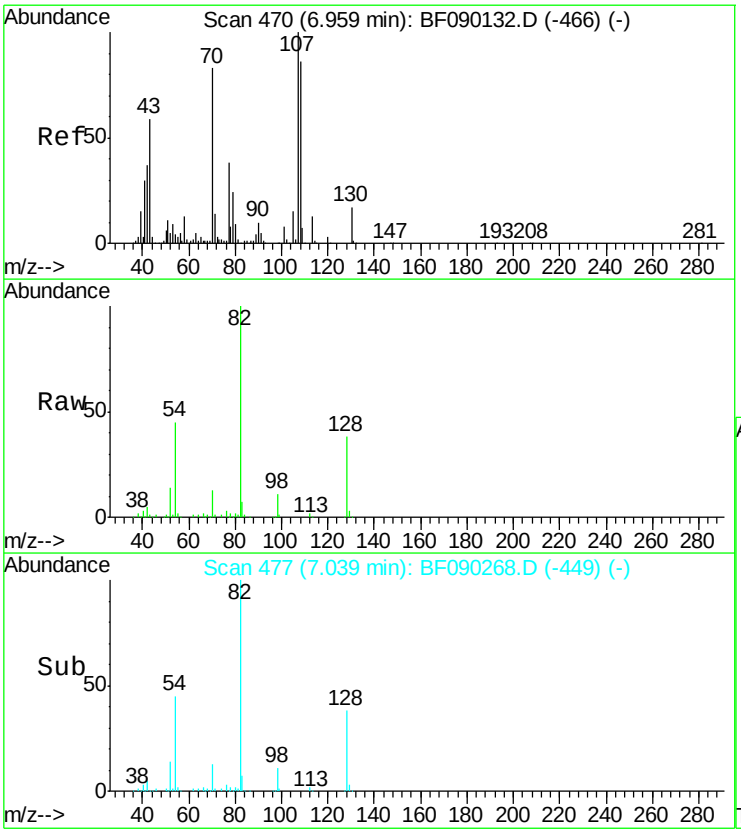
#7
Phenol-d6
Concen: 40.83 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion: 99 Resp: 527771

Ion	Ratio	Lower	Upper
99	100		
42	10.2	10.6	15.8#
71	25.6	23.0	34.6

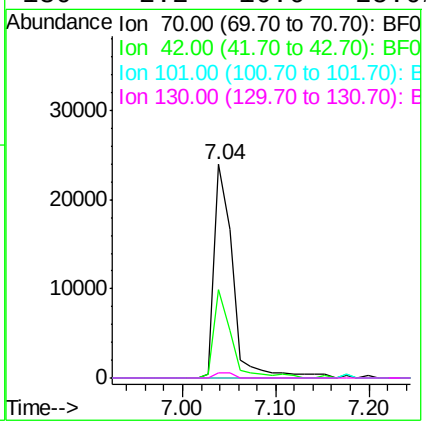


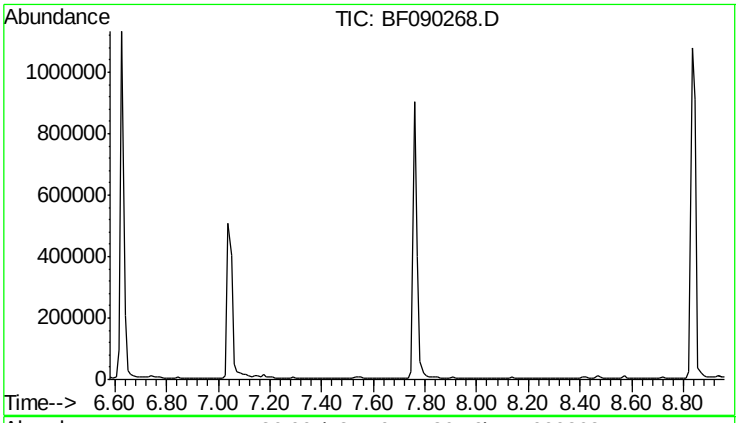


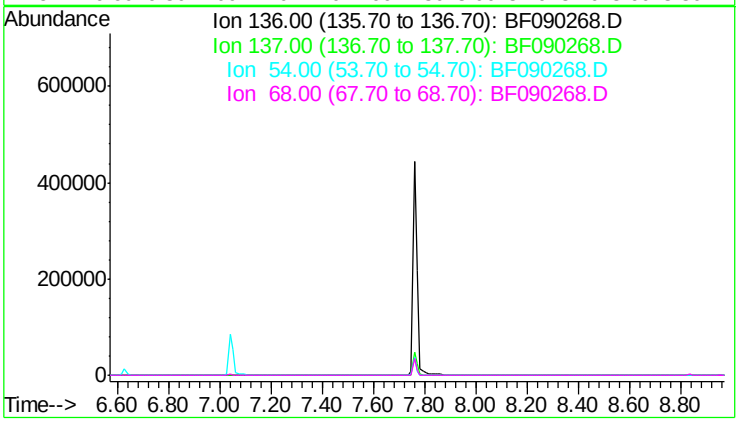
#19
n-Nitroso-di-n-propylamine
Concen: 4.35 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.13 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion: 70 Resp: 33040

Ion	Ratio	Lower	Upper
70	100		
42	41.4	35.1	52.7
101	0.0	7.5	11.3#
130	2.2	16.6	25.0#







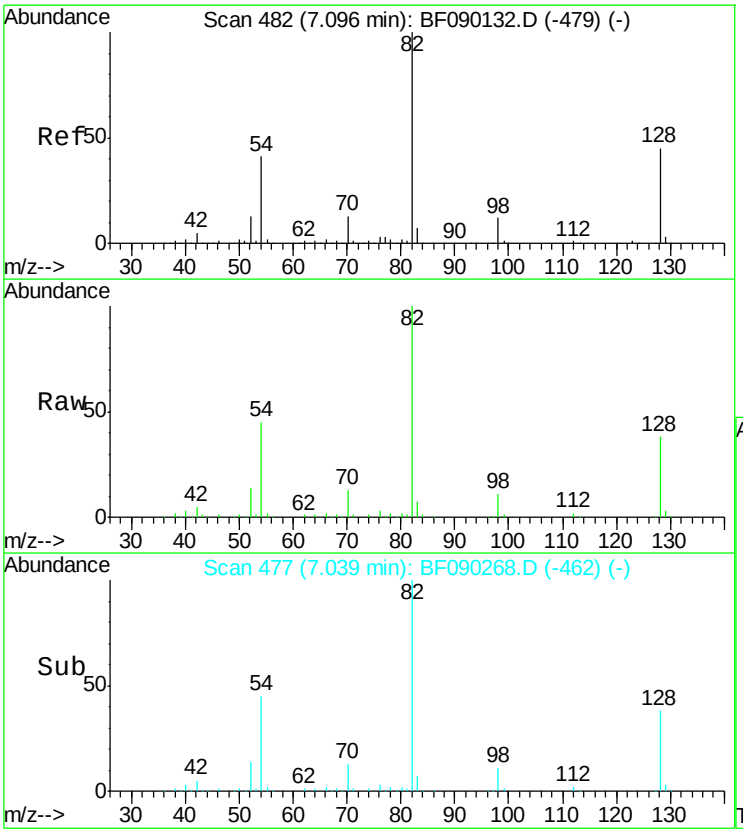
#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min

Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.2
54	8.0
68	7.9

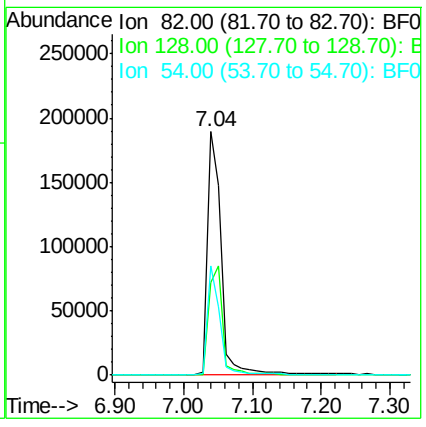
Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

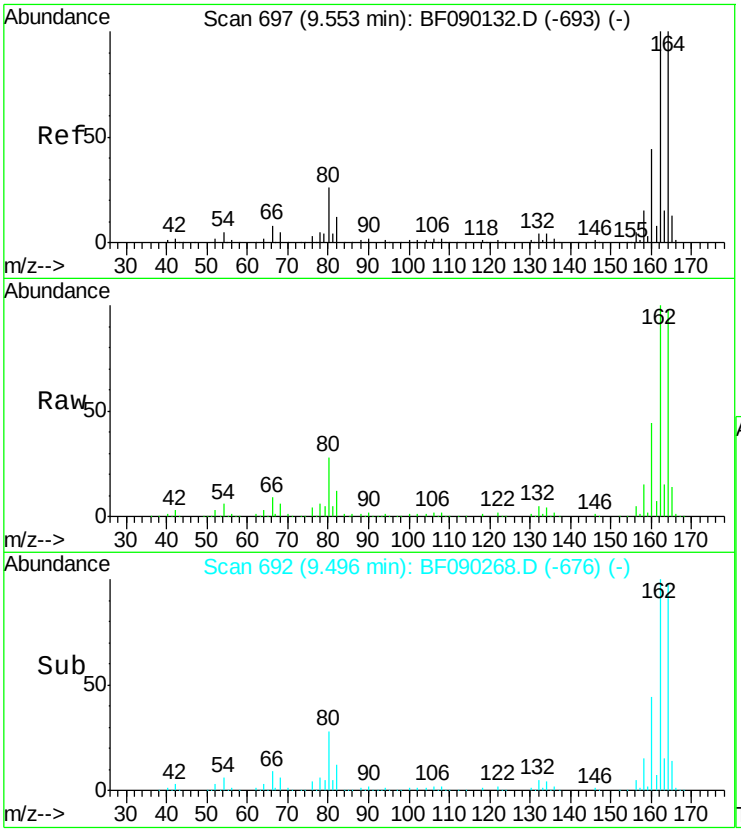


#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion: 82 Resp: 269877

Ion	Ratio	Lower	Upper
82	100		
128	37.9	37.5	56.3
54	45.0	31.9	47.9



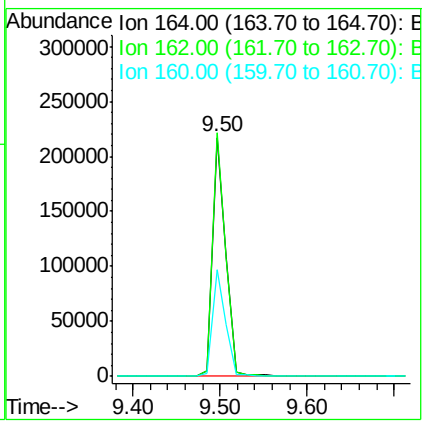


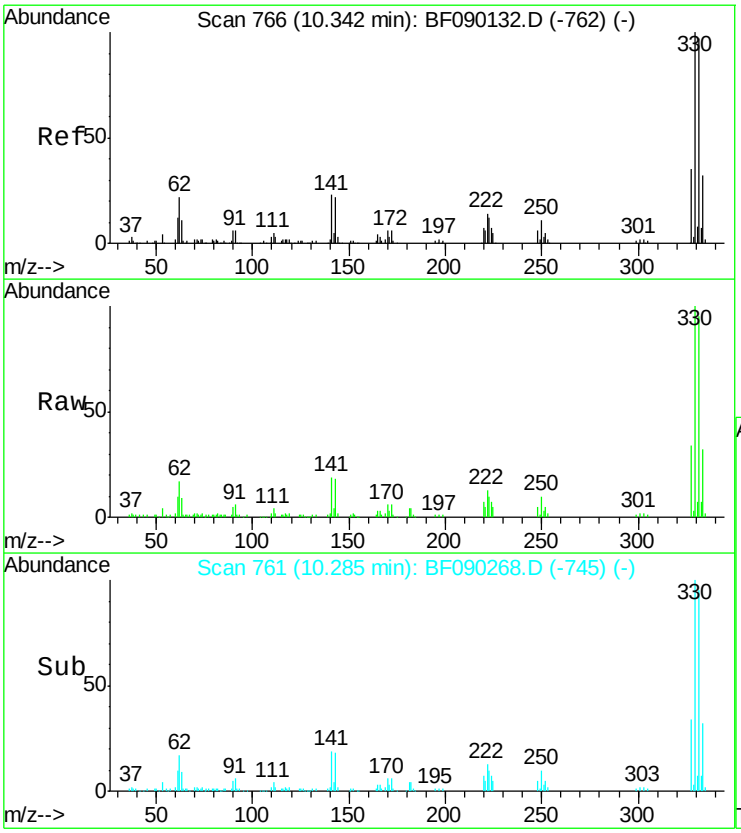
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:164 Resp: 234284

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.2
160	44.9	36.6	54.8

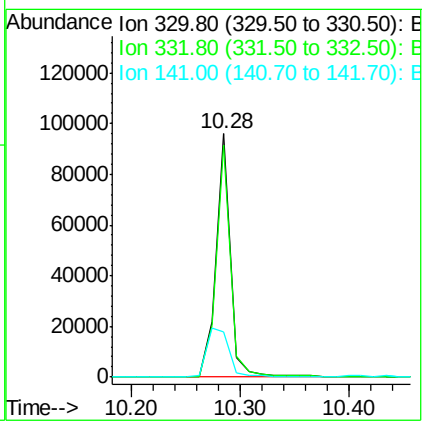


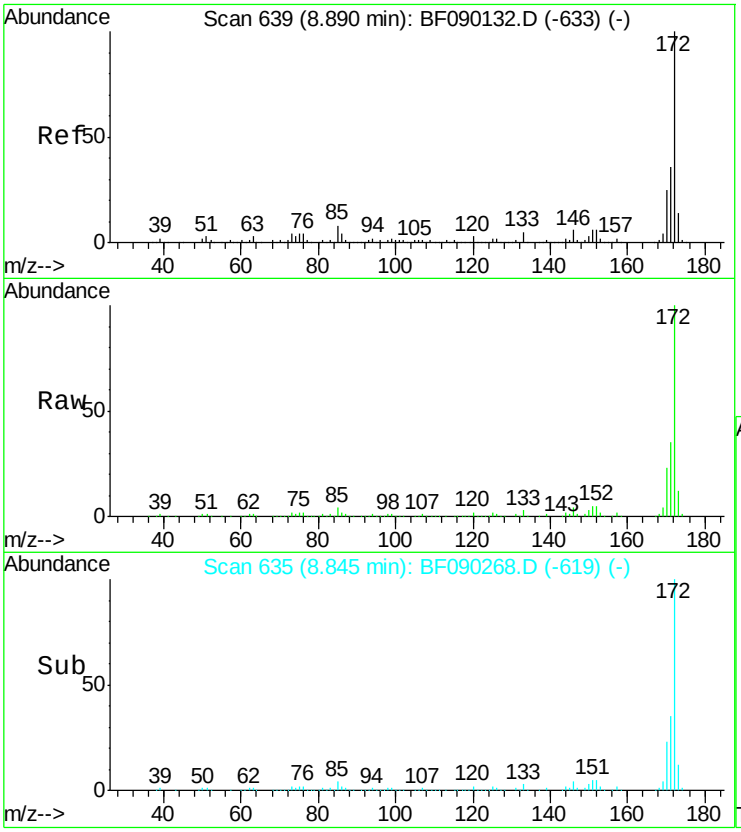


#41
2,4,6-Tribromophenol
Concen: 44.96 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:330 Resp: 90375

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	31.4	23.9	35.9



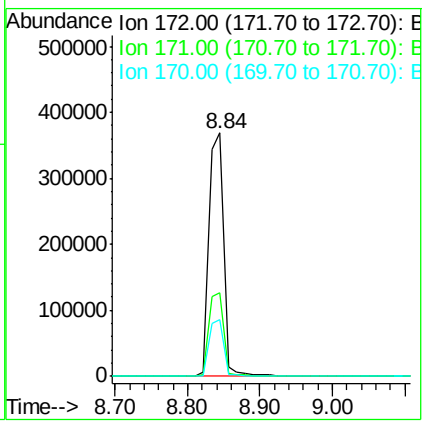


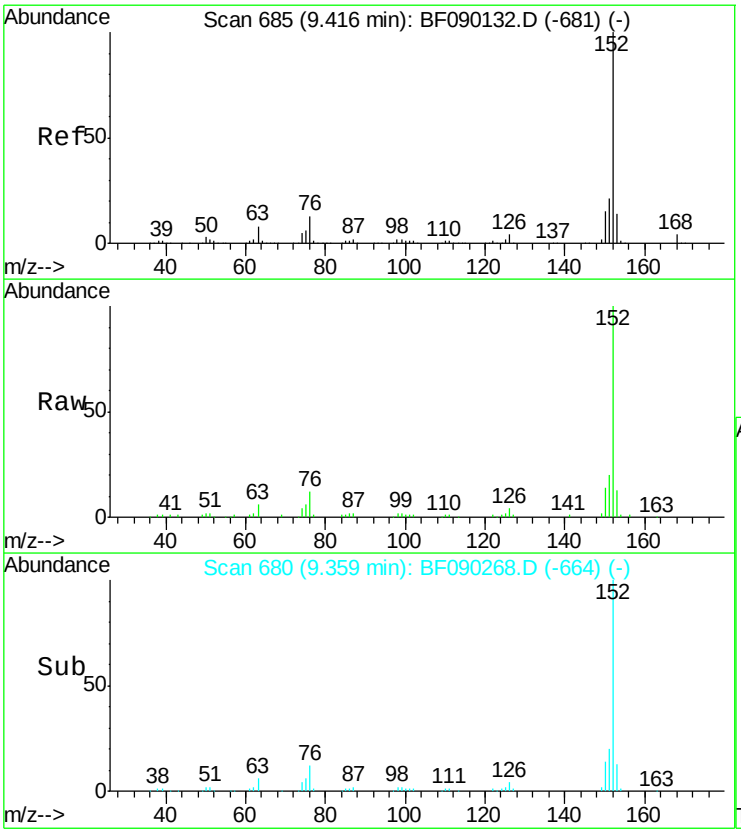
#44
2-Fluorobiphenyl
Concen: 43.67 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:172 Resp: 521139

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.2	43.8
170	23.3	19.8	29.8

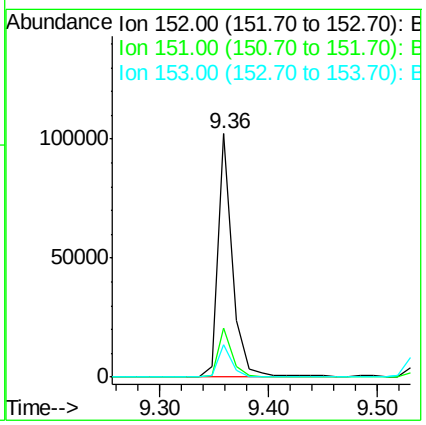


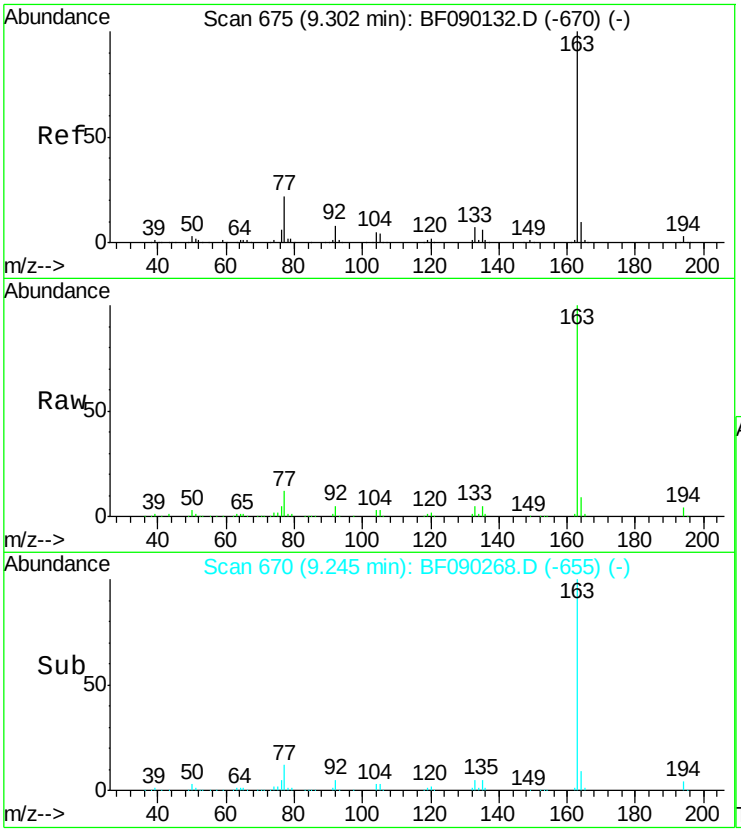


#48
Acenaphthylene
Concen: 4.76 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:152 Resp: 95618

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.5	24.7
153	13.3	10.6	15.8



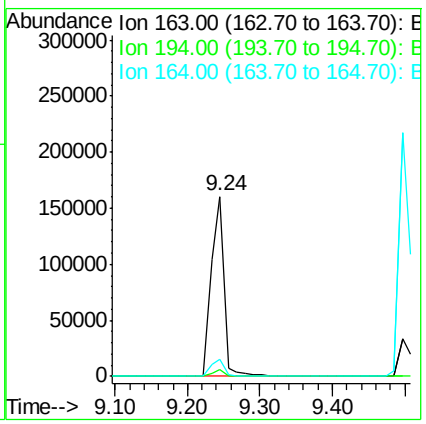


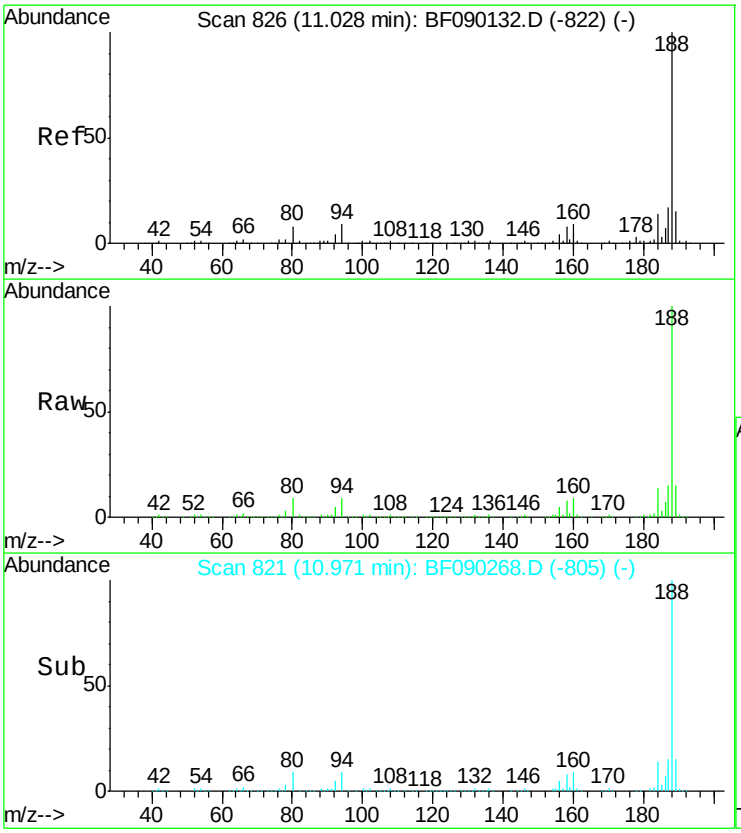
#49
Dimethylphthalate
Concen: 13.16 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:163 Resp: 196337

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.4	8.1	12.1

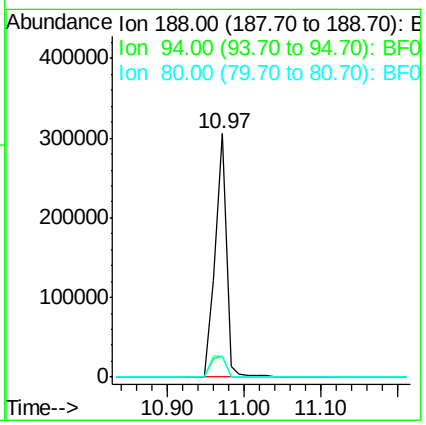


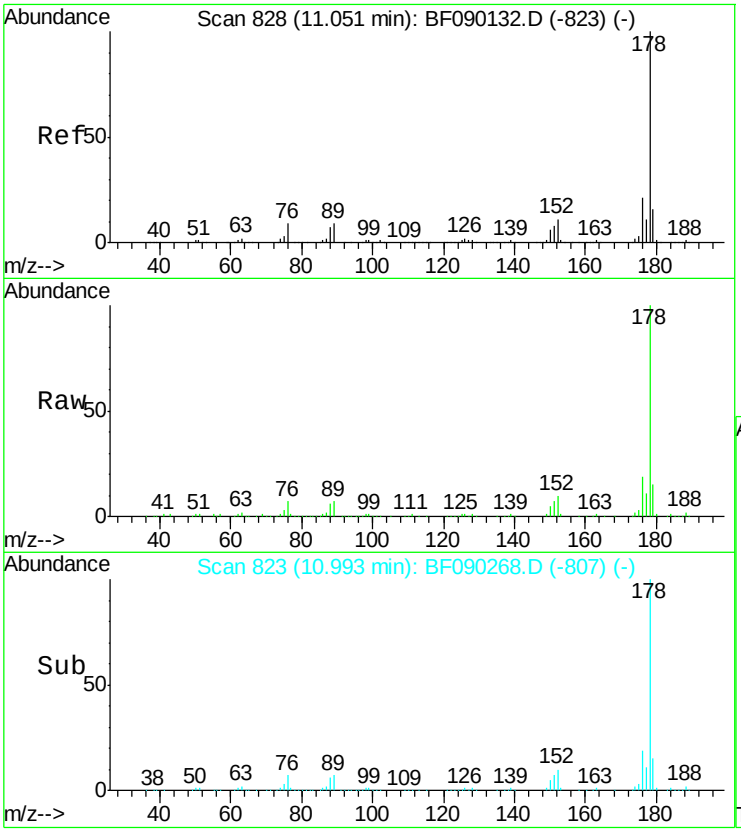


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:188 Resp: 313063

Ion	Ratio	Lower	Upper
188	100		
94	8.7	10.5	15.7#
80	8.6	11.2	16.8#



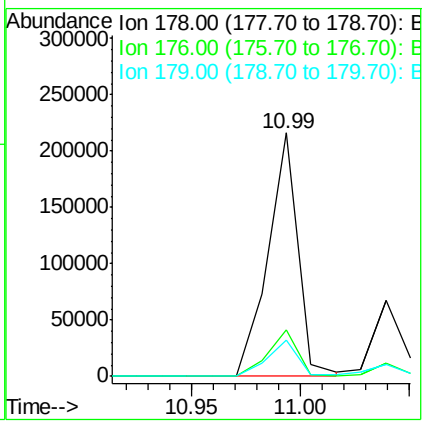


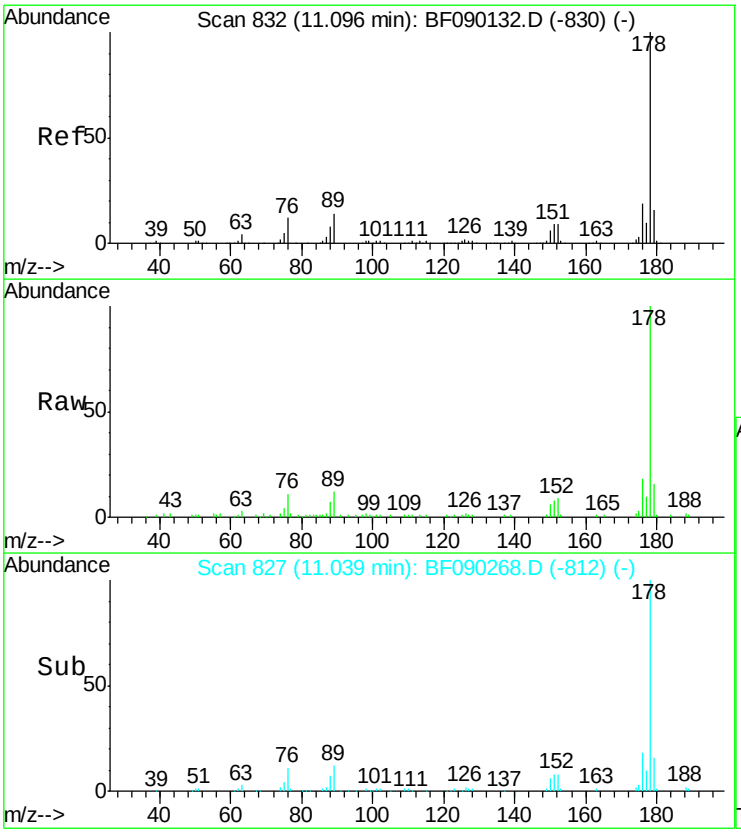
#70
Phenanthrene
Concen: 14.24 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:178 Resp: 208419

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.0	12.9	19.3

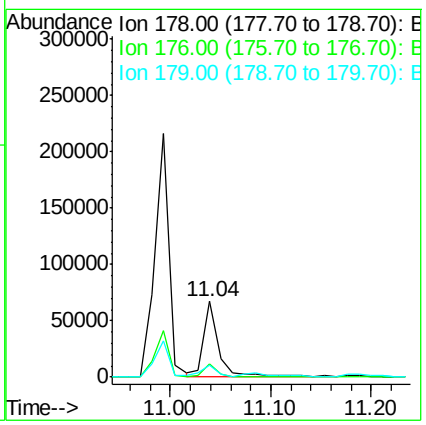


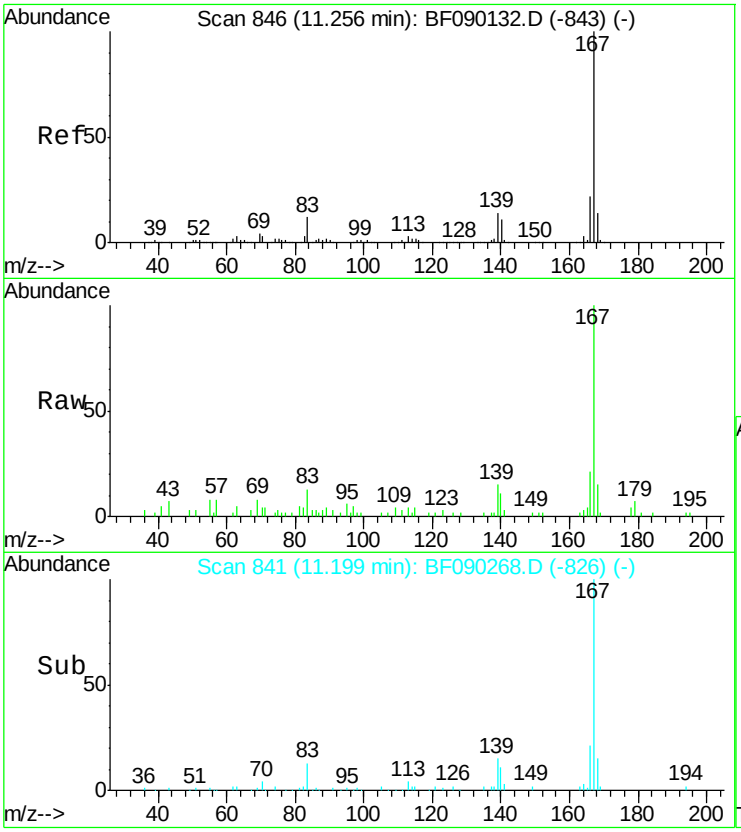


#71
Anthracene
Concen: 4.54 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:178 Resp: 69656

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.8	23.6
179	16.4	12.6	19.0



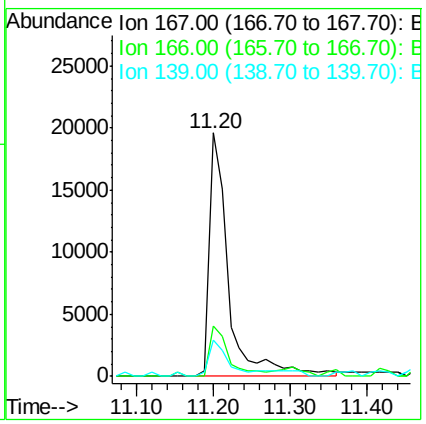


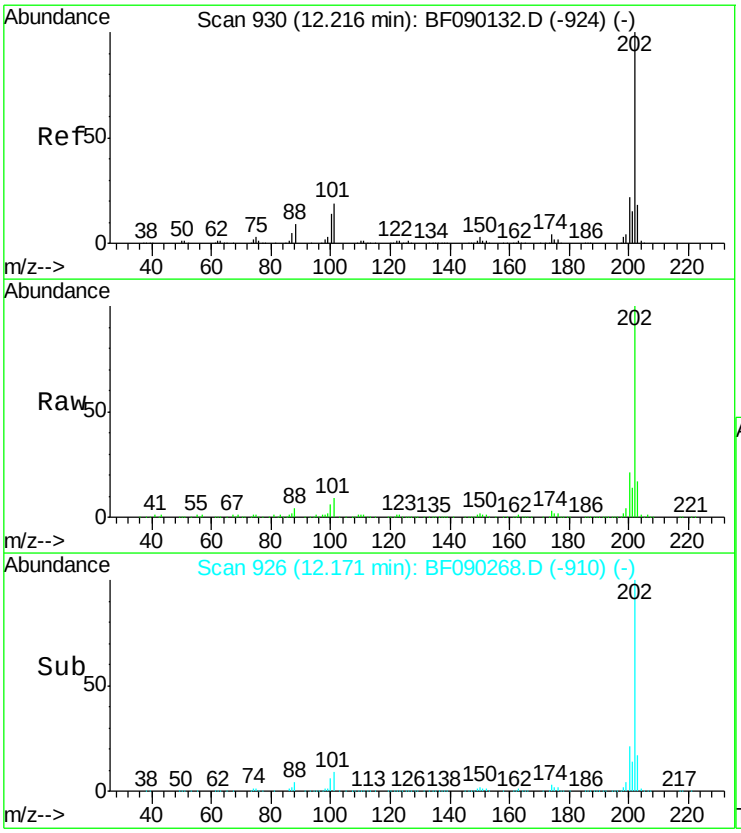
#72
Carbazole
Concen: 2.10 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:167 Resp: 34024

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.0	27.0
139	14.8	10.4	15.6

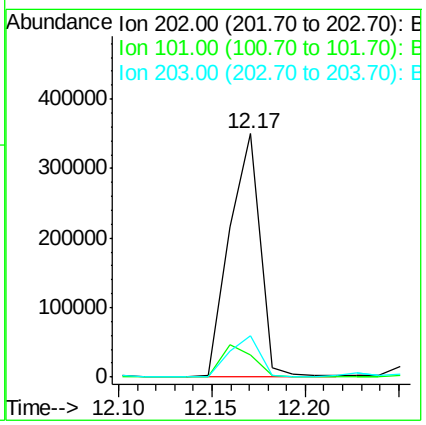


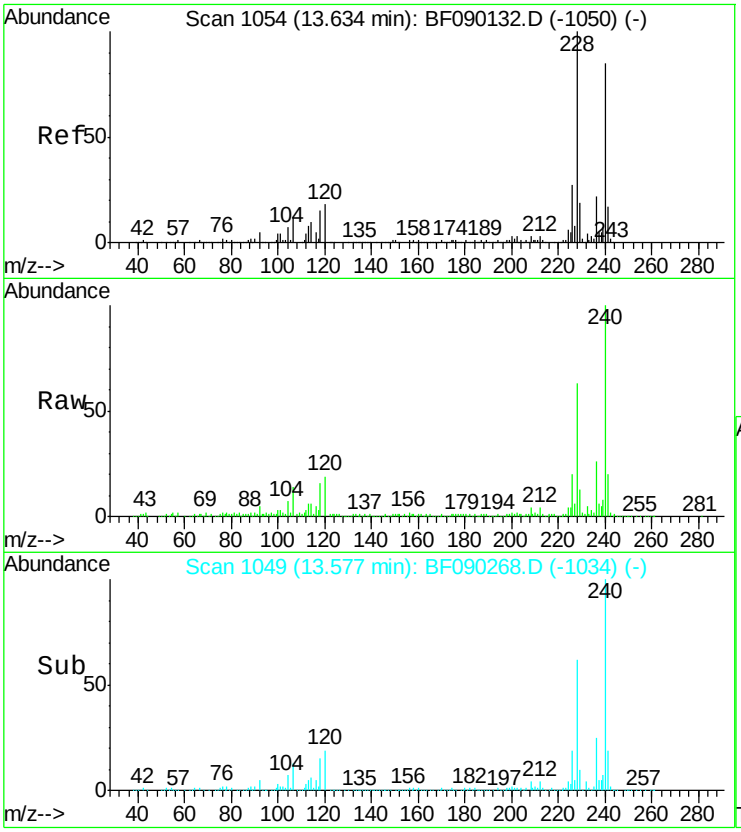


#74
Fluoranthene
Concen: 25.70 ng
RT: 12.17 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:202 Resp: 403961

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	36.1
203	17.2	0.0	38.2



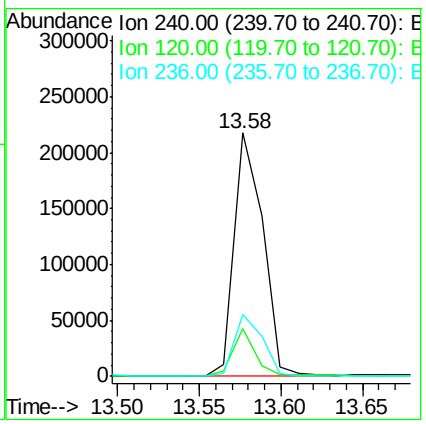


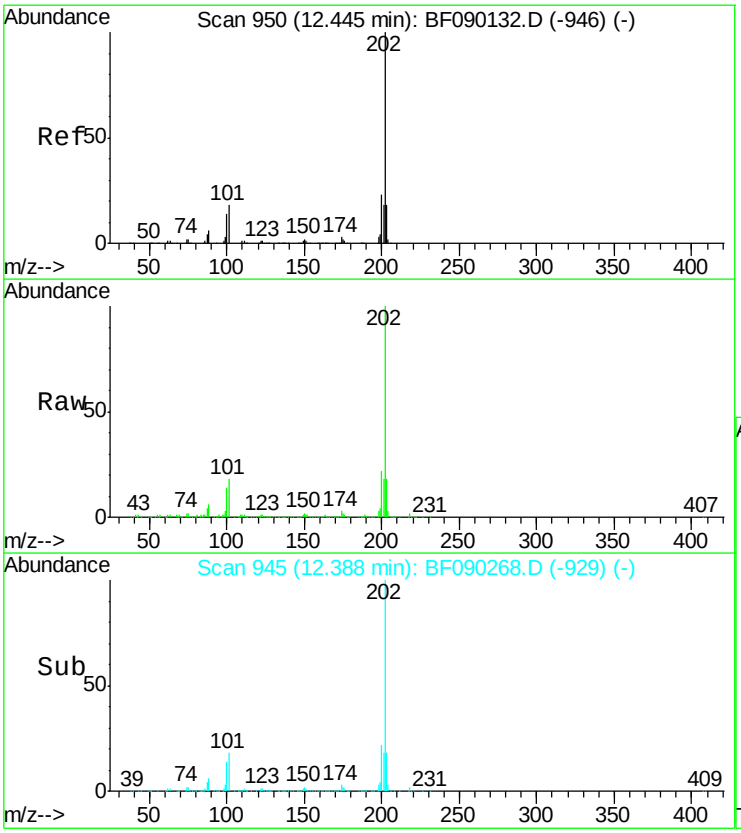
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:240 Resp: 263061

Ion	Ratio	Lower	Upper
240	100		
120	19.4	10.6	16.0#
236	25.7	21.6	32.4

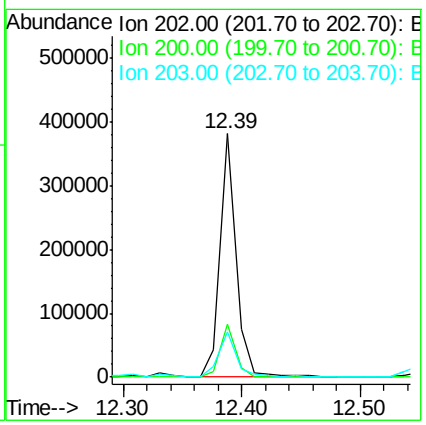


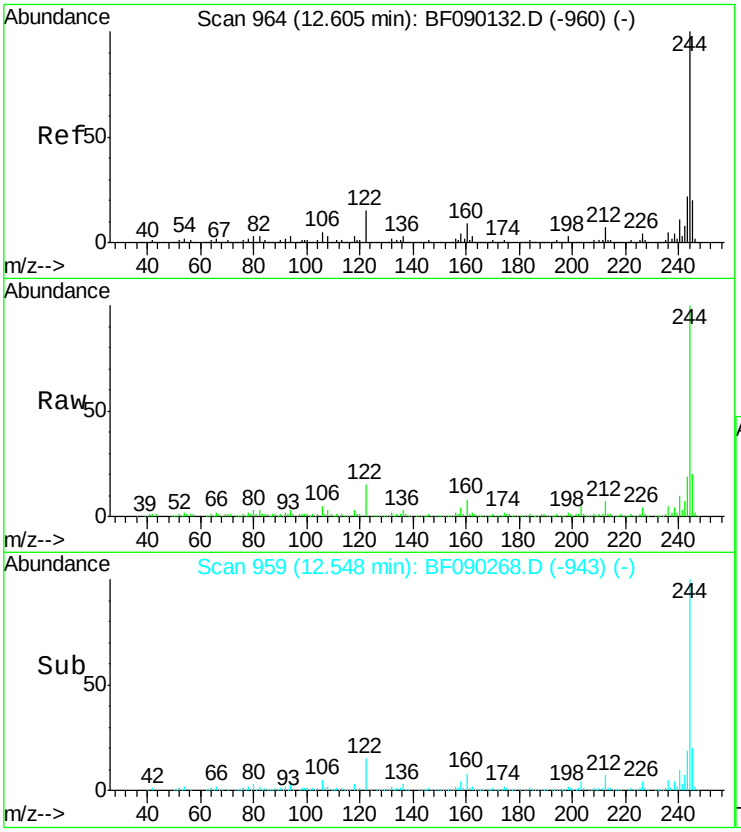


#77
Pyrene
Concen: 19.37 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:202 Resp: 348654

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.5	14.2	21.4



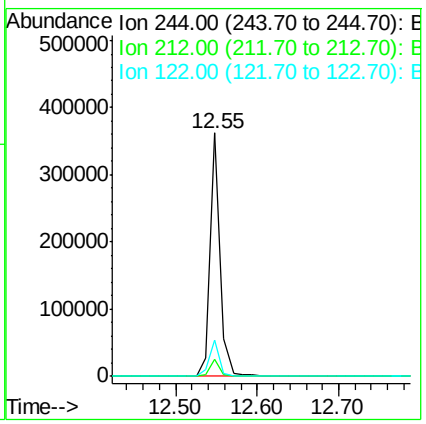


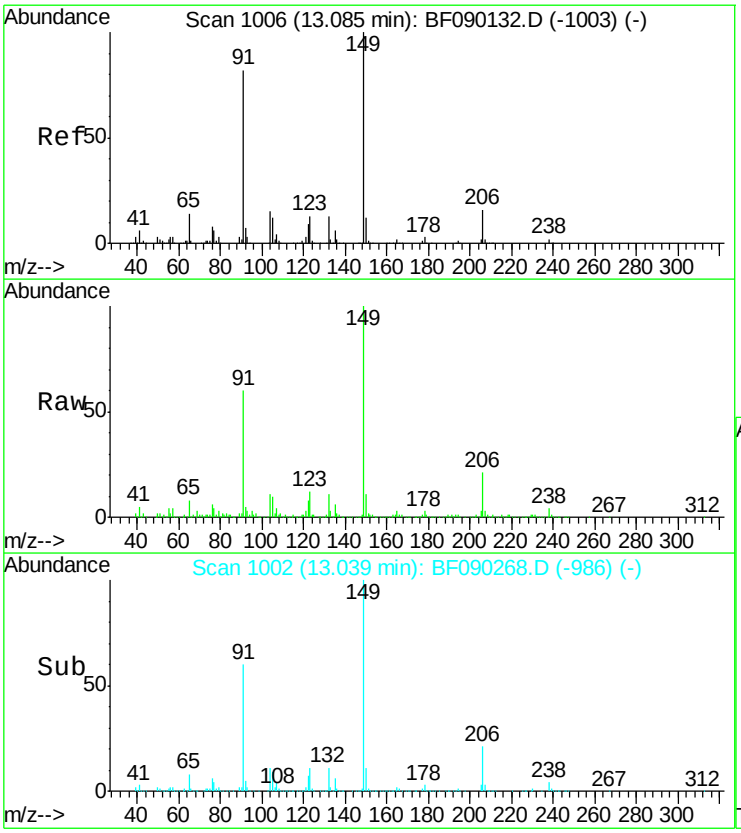
#78
Terphenyl-d14
Concen: 30.72 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:244 Resp: 318259

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	14.8	9.4	14.0#

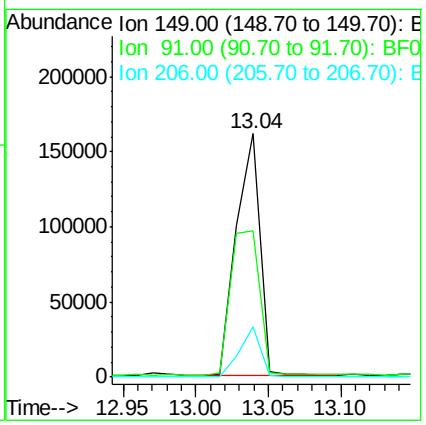


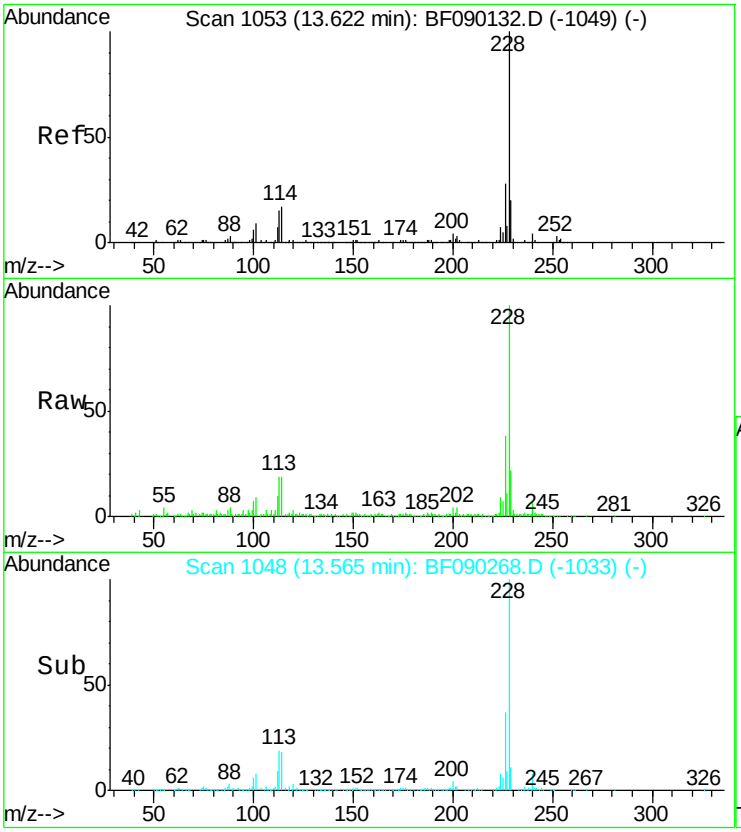


#79
Butylbenzylphthalate
Concen: 20.67 ng
RT: 13.04 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:149 Resp: 182036

Ion	Ratio	Lower	Upper
149	100		
91	60.0	49.8	74.6
206	20.5	16.3	24.5



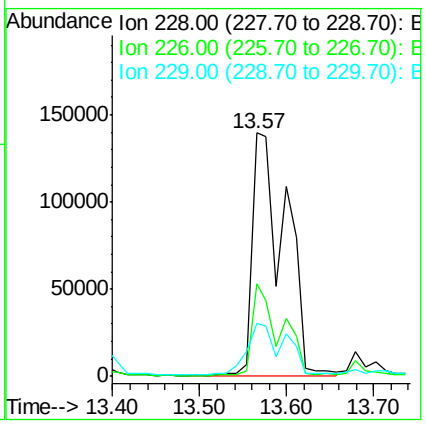


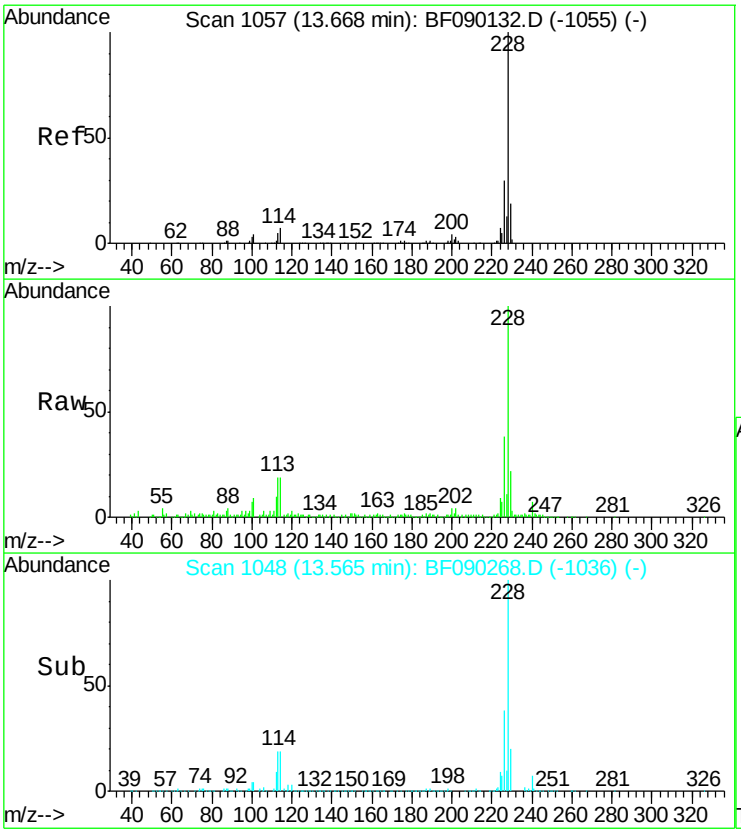
#80
Benzo(a)anthracene
Concen: 26.02 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:228 Resp: 368317

Ion	Ratio	Lower	Upper
228	100		
226	38.0	22.0	33.0#
229	21.7	16.2	24.2

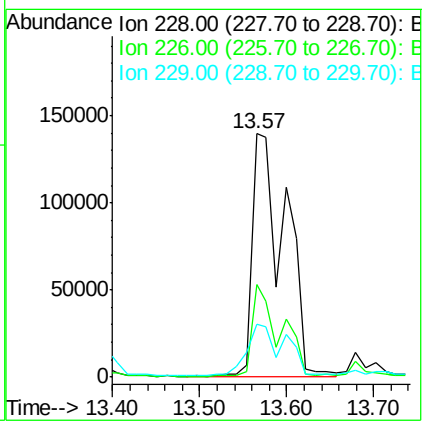


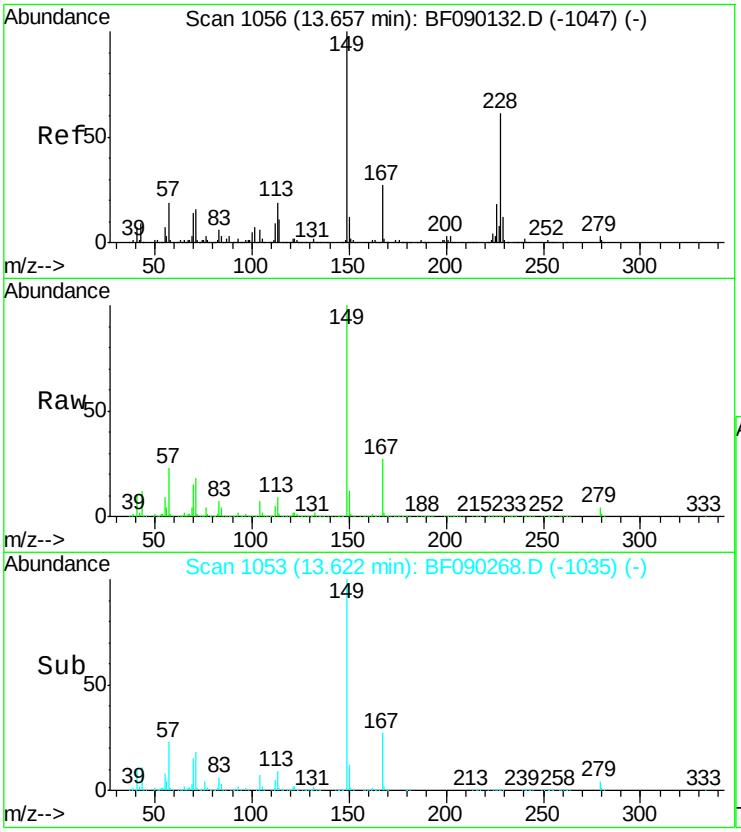


#82
Chrysene
Concen: 26.72 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.06 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:228 Resp: 368317

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.6	37.0#
229	21.7	16.2	24.4



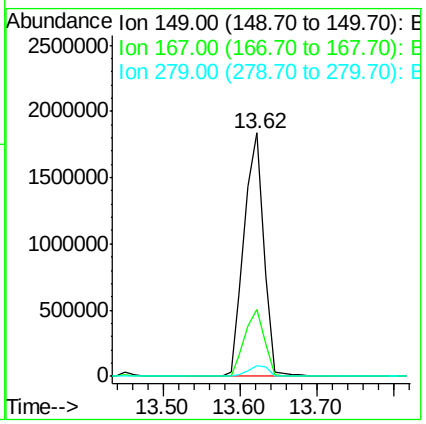


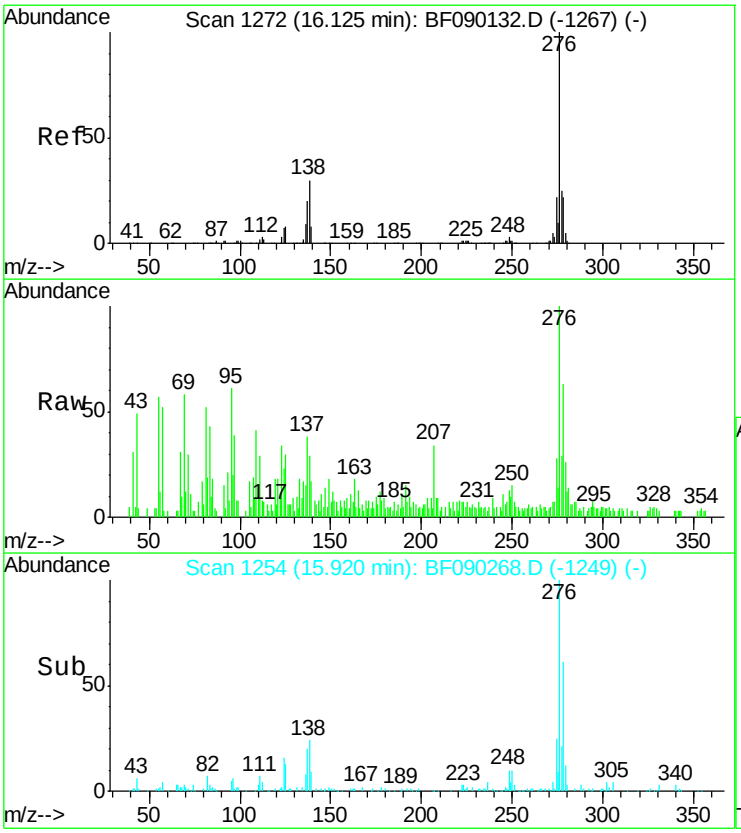
#83
Bis(2-ethylhexyl)phthalate
Concen: 289.05 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:149 Resp: 3257055

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.2	31.8
279	4.2	2.2	3.2#

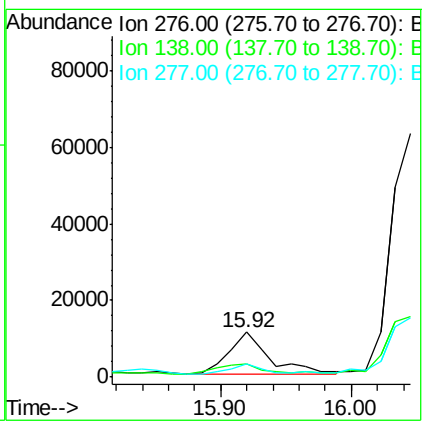


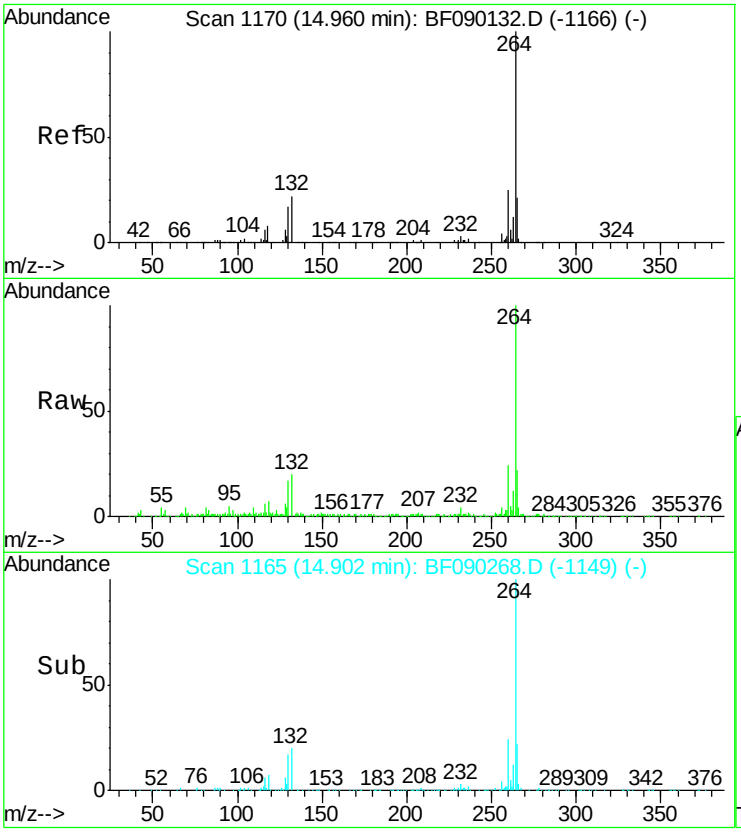


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.07 ng
RT: 15.92 min Scan# 1254
Delta R.T. -0.14 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:276 Resp: 23111

Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.9	38.9
277	21.9	19.9	29.9



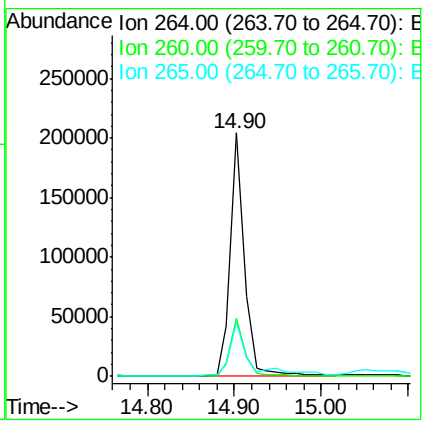


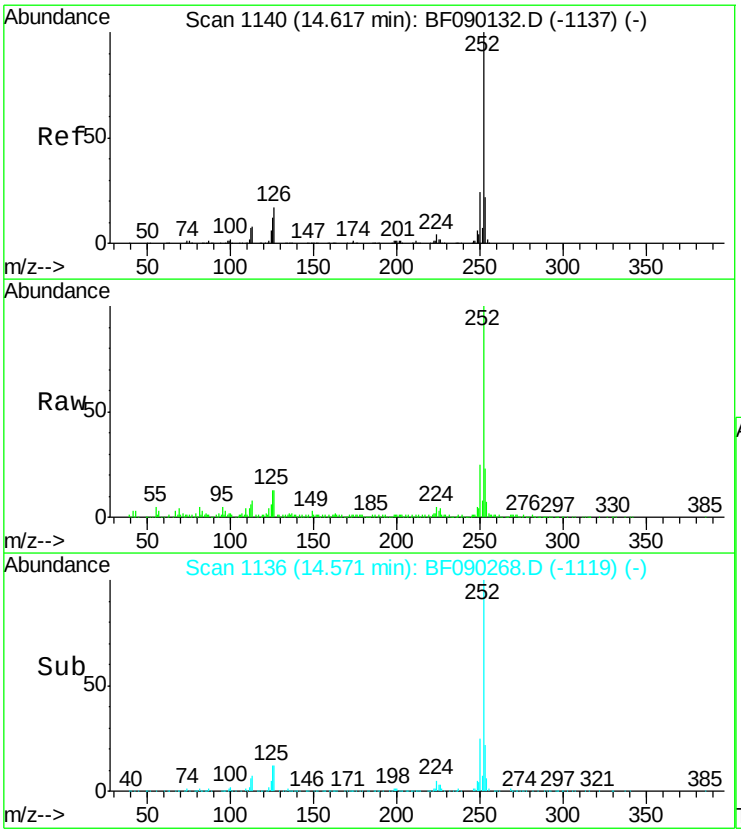
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:264 Resp: 229229

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.3	17.0	25.4

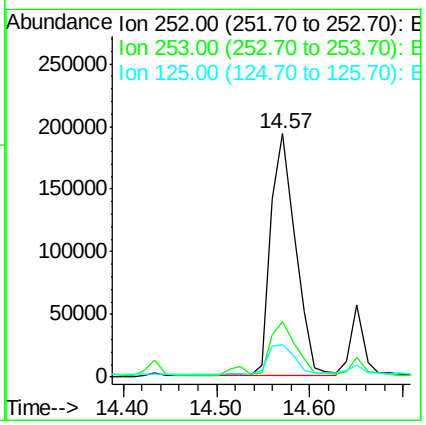


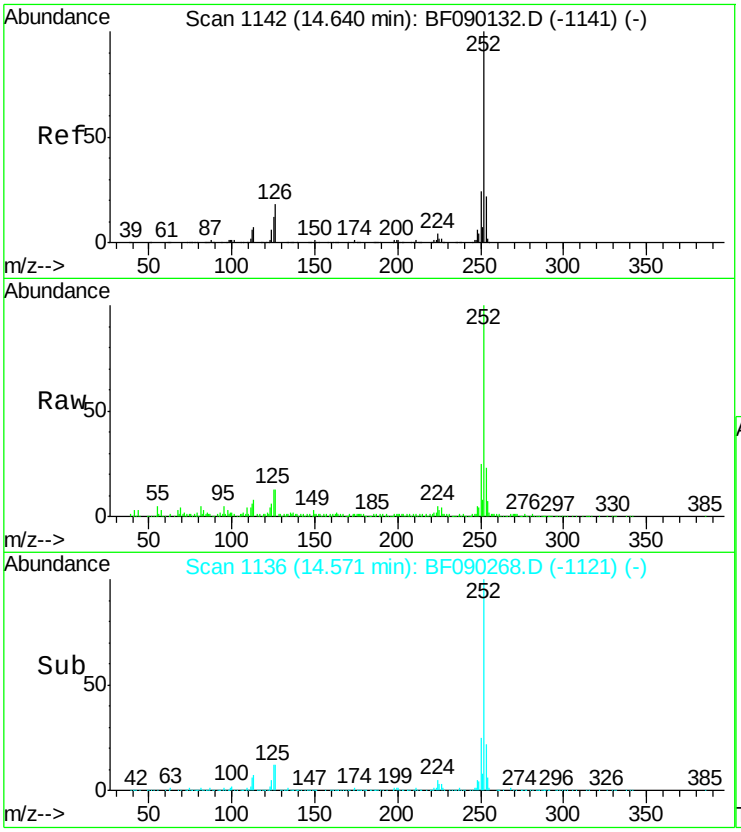


#87
Benzo(b)fluoranthene
Concen: 28.50 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:252 Resp: 361747

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.3	12.7	19.1



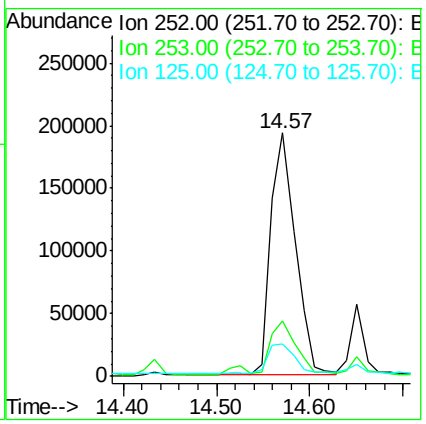


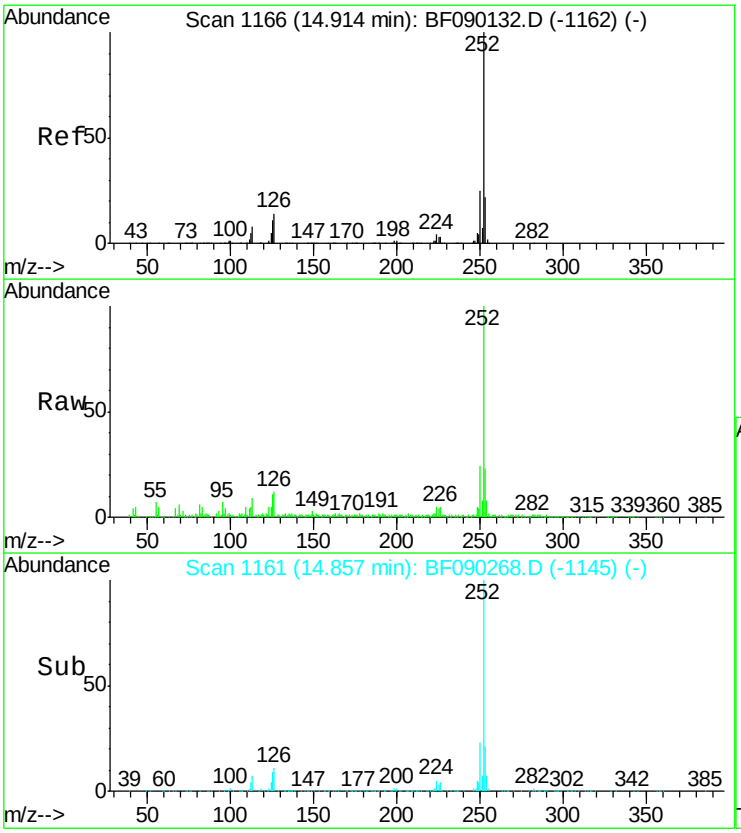
#88
Benzo(k)fluoranthene
Concen: 30.37 ng
RT: 14.57 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:252 Resp: 361747

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	13.3	7.8	11.6#

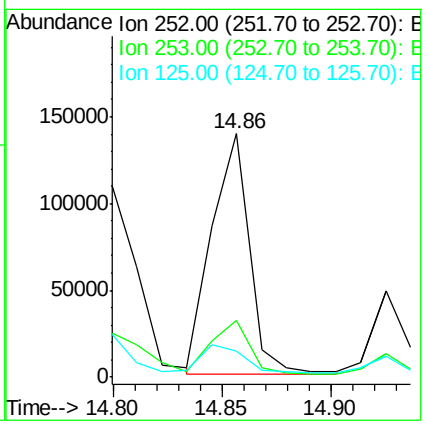


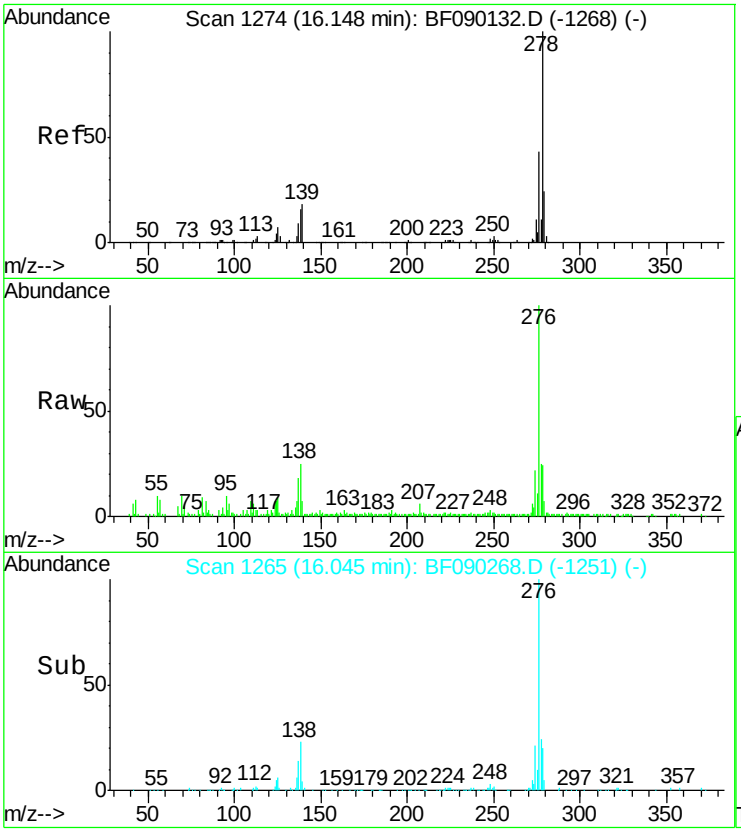


#89
Benzo(a)pyrene
Concen: 14.15 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:252 Resp: 168938

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	10.7	7.7	11.5



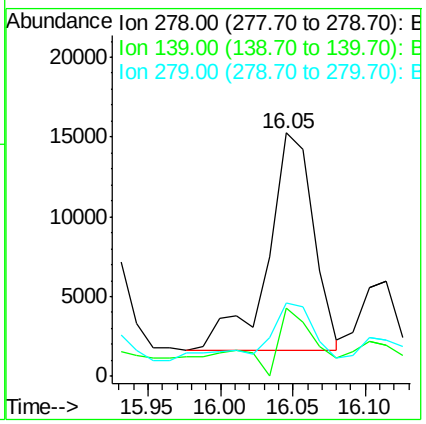


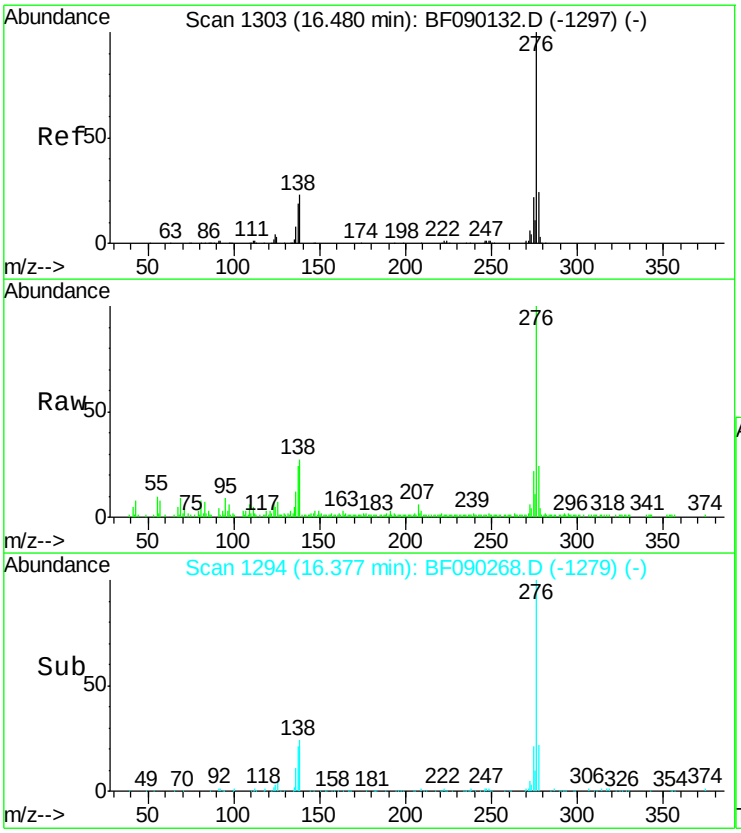
#90
Dibenzo(a,h)anthracene
Concen: 3.21 ng
RT: 16.05 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Instrument :
BNA_F
ClientSampleId :
S-4-1-LOC-4(0-5)

Tgt Ion:278 Resp: 29905

Ion	Ratio	Lower	Upper
278	100		
139	28.1	14.6	21.8#
279	29.9	18.8	28.2#





#91
Benzo(g,h,i)perylene
Concen: 11.66 ng
RT: 16.38 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF090268.D
Acq: 27 Sep 2016 22:43

Tgt Ion:276 Resp: 106300

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	26.6	23.3	34.9