Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090263.D
Acq On : 27 Sep 2016 20:27
Operator : UM/SJ
Sample : H4949-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-1-2-LOC-1(10-15)

Quant Time: Sep 28 00:44:00 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	6.48	152	122516	20.00	ng		0.00
21) Naphthalene-d8	7.76	136	475384	20.00	ng		-0.01
38) Acenaphthene-d10	9.50	164	242681	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	339139	20.00	ng		-0.01
75) Chrysene-d12	13.58	240	272031	20.00	ng		-0.02
86) Perylene-d12	14.90	264	285081	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	893973	118.94	ng		0.01
7) Phenol-d6	6.14	99	1140041	122.82	ng		0.00
23) Nitrobenzene-d5	7.05	82	769190	93.80	ng		-0.01
41) 2,4,6-Tribromophenol	10.28	330	240619	115.57	ng		-0.01
44) 2-Fluorobiphenyl	8.84	172	1144435	92.58	ng		-0.01
78) Terphenyl-d14	12.55	244	627301	58.55	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.15	94	26216	2.39	ng	#	71
19) n-Nitroso-di-n-propylamine	7.05	70	93802	17.20	ng	#	77
49) Dimethylphthalate	9.24	163	488929	31.63	ng		99
51) Acenaphthene	9.53	154	28854	2.34	ng		98
55) 4-Nitrophenol	9.70	139	10678	3.86	ng	#	17
57) Fluorene	10.04	166	27452	2.24	ng		100
70) Phenanthrene	10.99	178	384744	24.26	ng		98
71) Anthracene	11.04	178	95990	5.77	ng		99
72) Carbazole	11.20	167	43594	2.48	ng		98
74) Fluoranthene	12.16	202	334790	19.66	ng		97
77) Pyrene	12.39	202	308732	16.59	ng		98
80) Benzo(a)anthracene	13.57	228	160009	10.93	ng		97
82) Chrysene	13.60	228	117252	8.22	ng		98
85) Indeno(1,2,3-cd)pyrene	16.03	276	68579	5.95	ng		95
87) Benzo(b)fluoranthene	14.56	252	218003	13.81	ng		97
88) Benzo(k)fluoranthene	14.56	252	218003	14.71	ng	#	97
89) Benzo(a)pyrene	14.85	252	116457	7.84	ng	#	95
91) Benzo(g,h,i)perylene	16.37	276	60836	5.36	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092716\
Data File : BF090263.D
Acq On : 27 Sep 2016 20:27
Operator : UM/SJ
Sample : H4949-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

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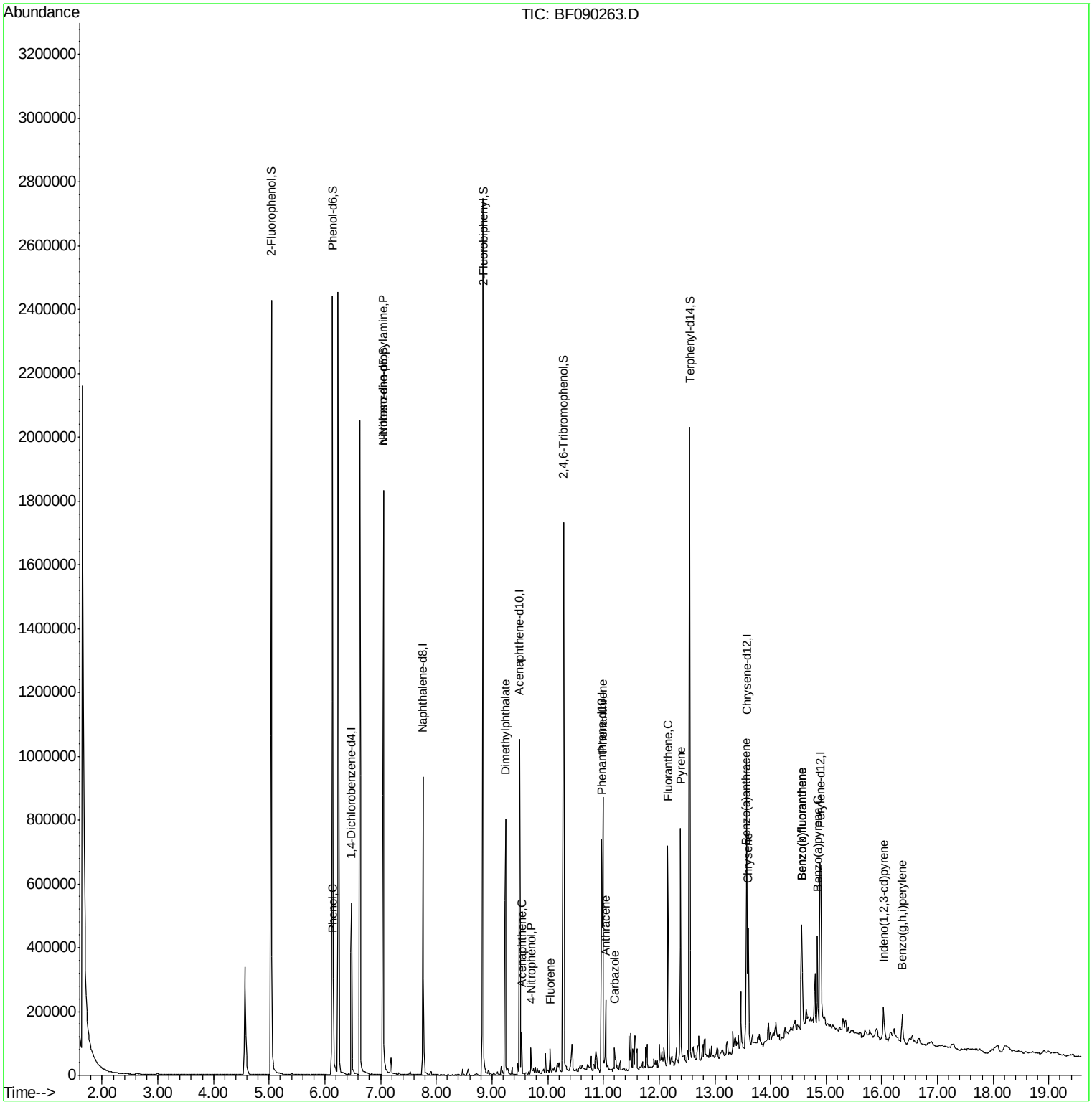
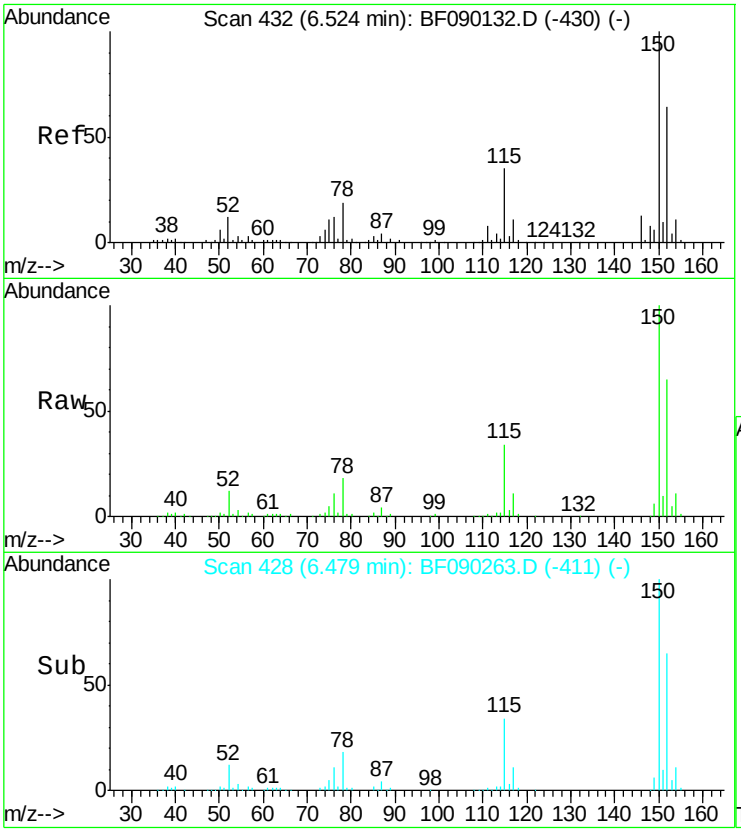


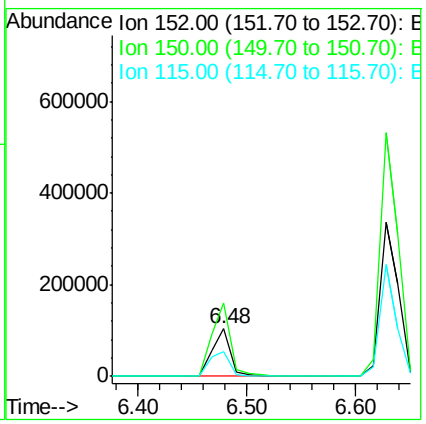


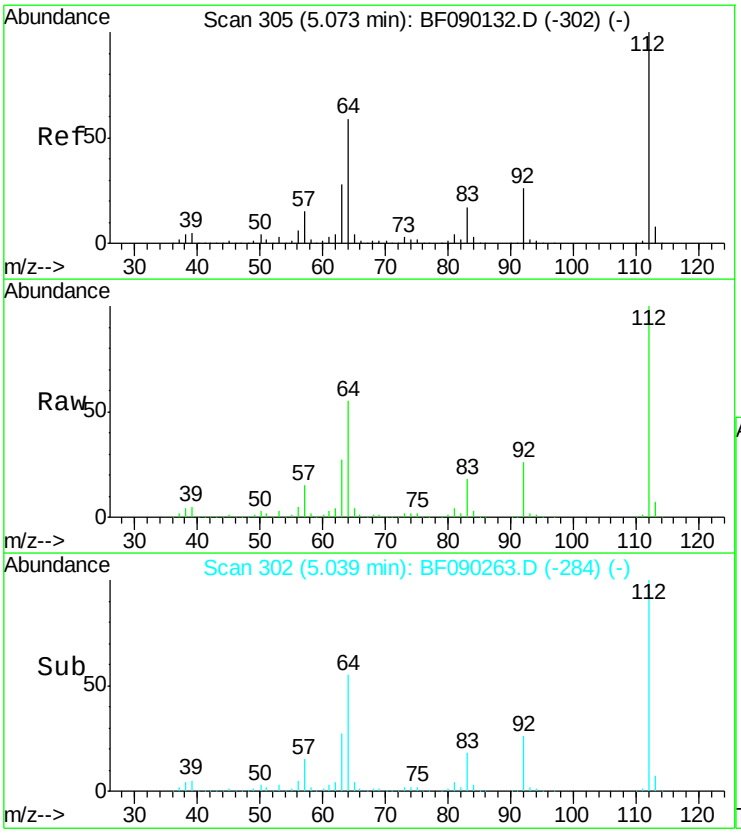
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:152 Resp: 122516

Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	52.9	55.5	83.3#

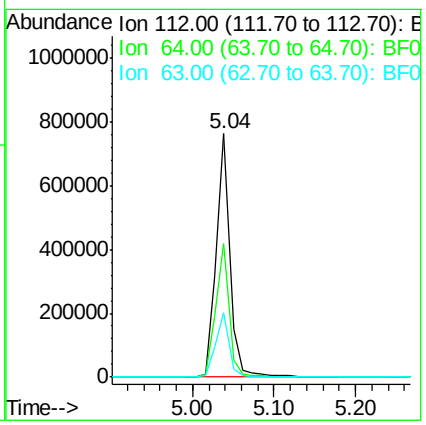


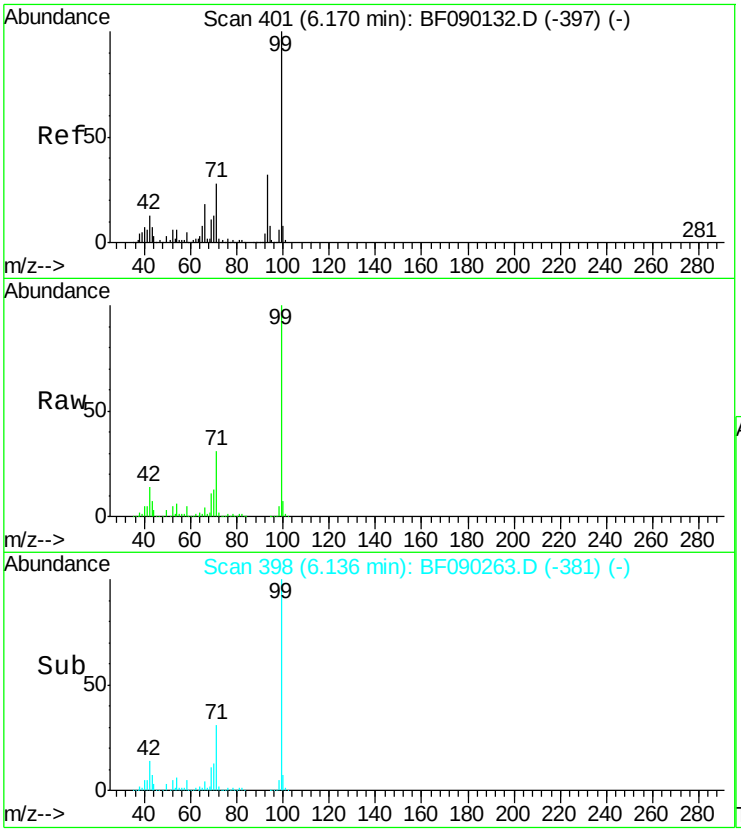


#5
2-Fluorophenol
Concen: 118.94 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:112 Resp: 893973

Ion	Ratio	Lower	Upper
112	100		
64	54.9	39.8	59.6
63	26.6	18.9	28.3



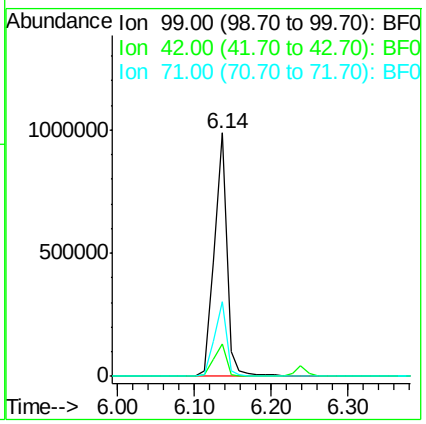


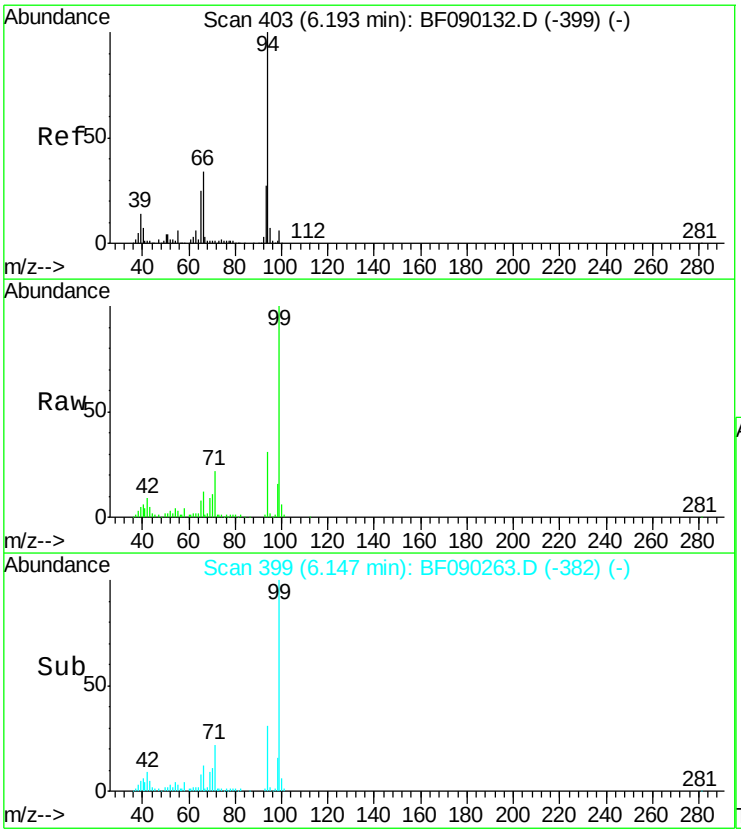
#7
Phenol-d6
Concen: 122.82 ng
RT: 6.14 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion: 99 Resp: 1140041

Ion	Ratio	Lower	Upper
99	100		
42	13.6	10.6	15.8
71	30.8	23.0	34.6

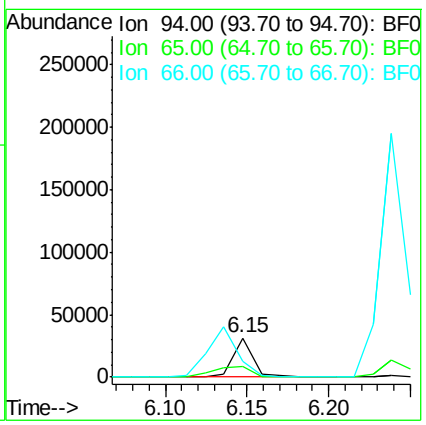


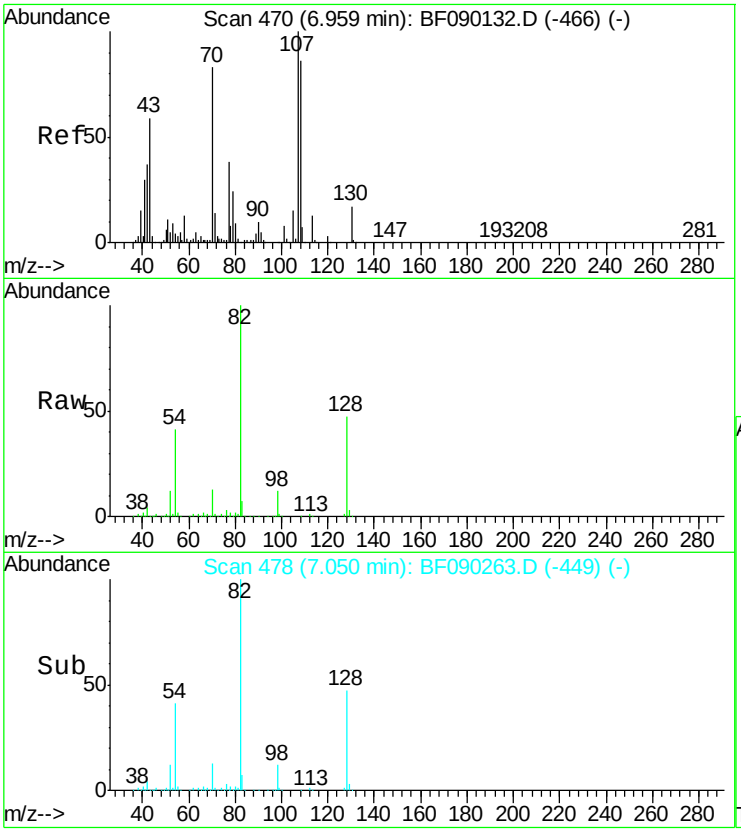


#10
Phenol
Concen: 2.39 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion: 94 Resp: 26216

Ion	Ratio	Lower	Upper
94	100		
65	26.1	20.6	60.6
66	39.1	45.1	85.1#



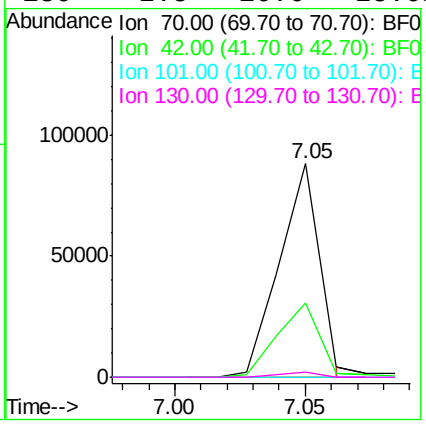


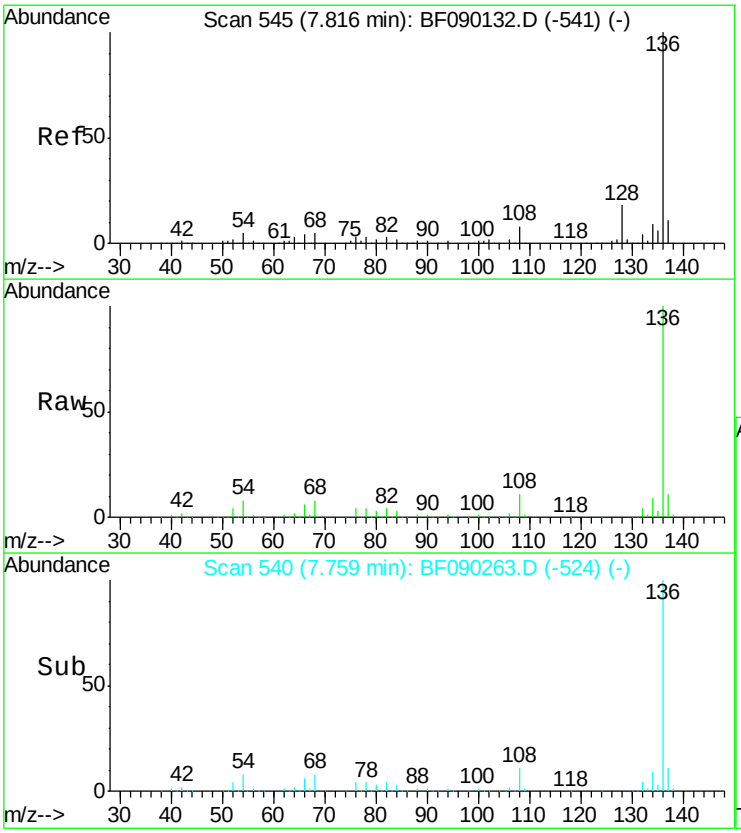
#19
n-Nitroso-di-n-propylamine
Concen: 17.20 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.14 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion: 70 Resp: 93802

Ion	Ratio	Lower	Upper
70	100		
42	34.6	35.1	52.7#
101	0.0	7.5	11.3#
130	2.5	16.6	25.0#

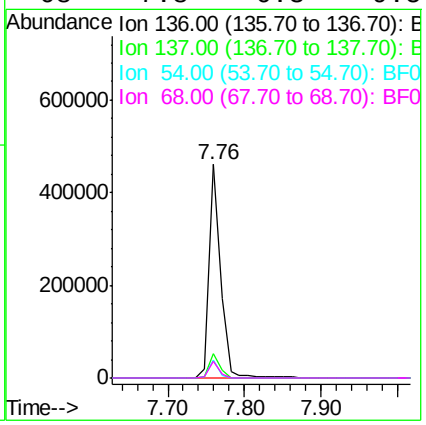


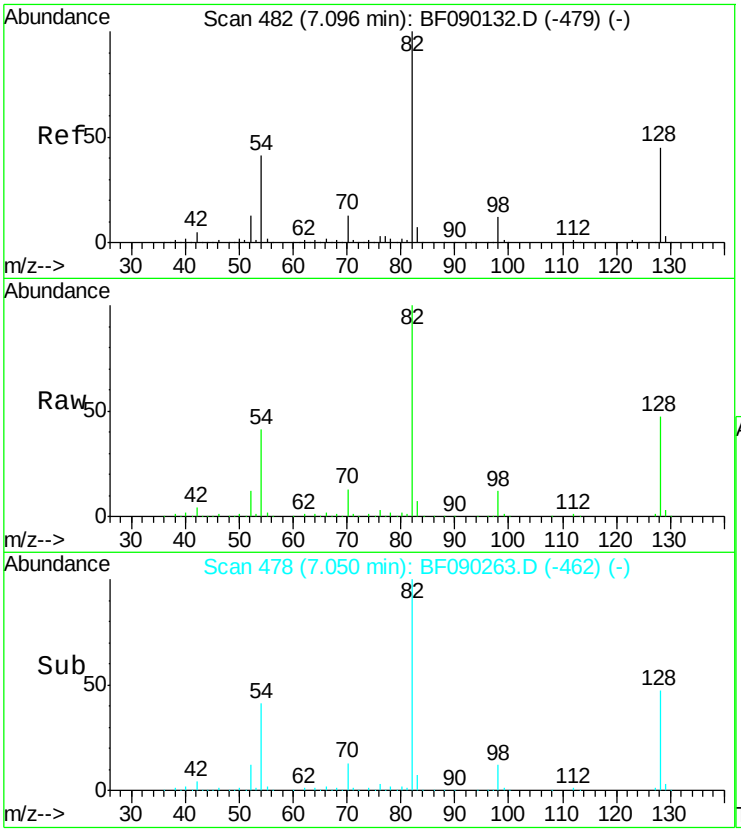


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:136 Resp: 475384

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.3	6.4	9.6
68	7.8	6.3	9.5



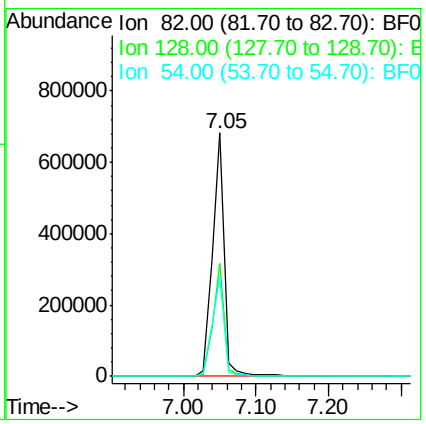


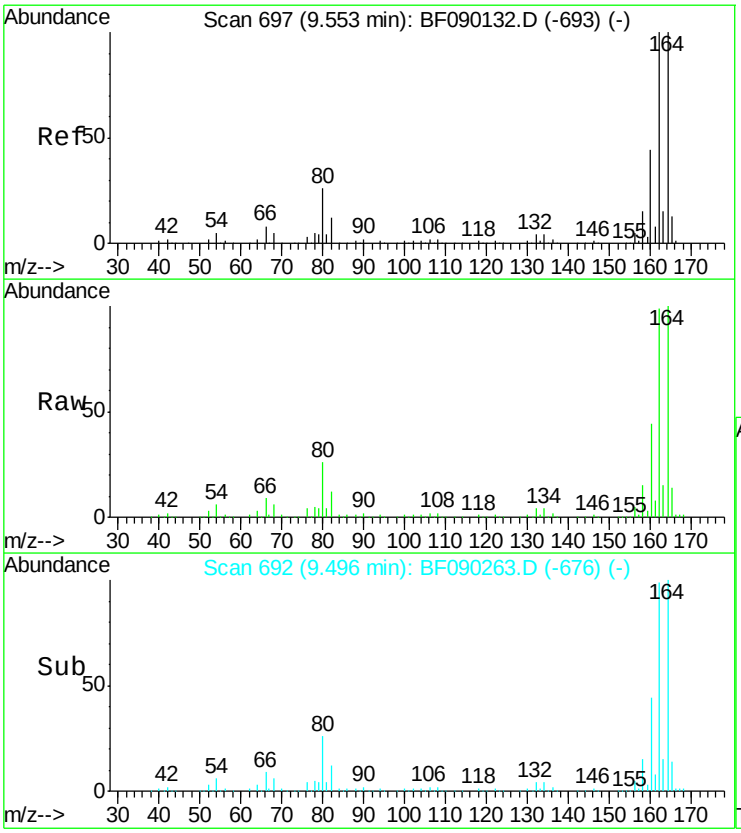
#23
Nitrobenzene-d5
Concen: 93.80 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion: 82 Resp: 769190

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.5	56.3
54	41.0	31.9	47.9

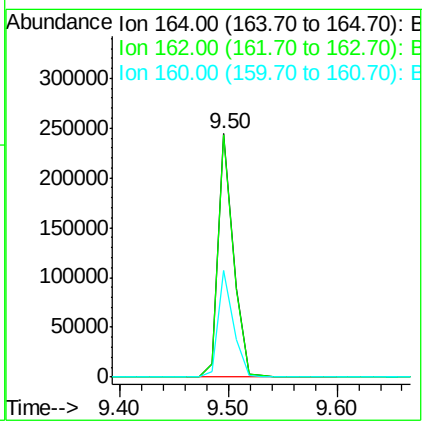


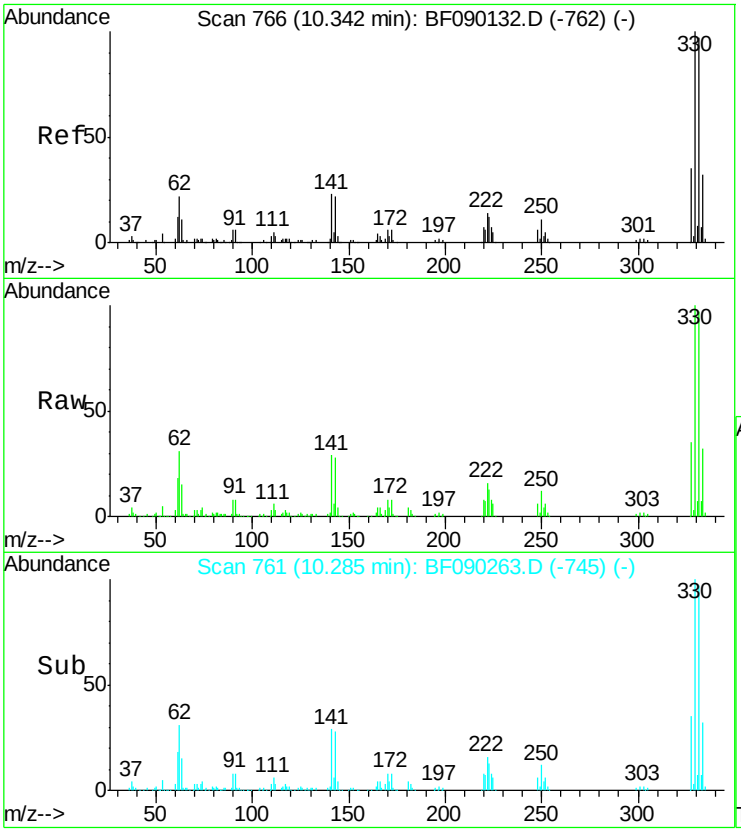


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:164 Resp: 242681

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.4	122.2
160	43.7	36.6	54.8



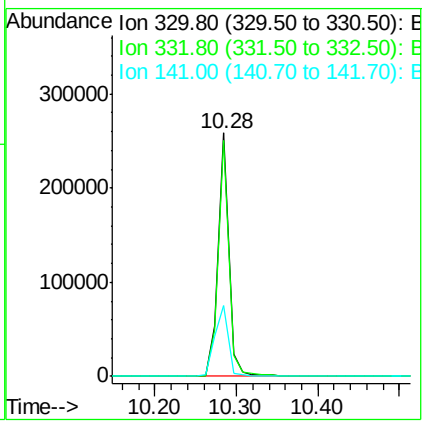


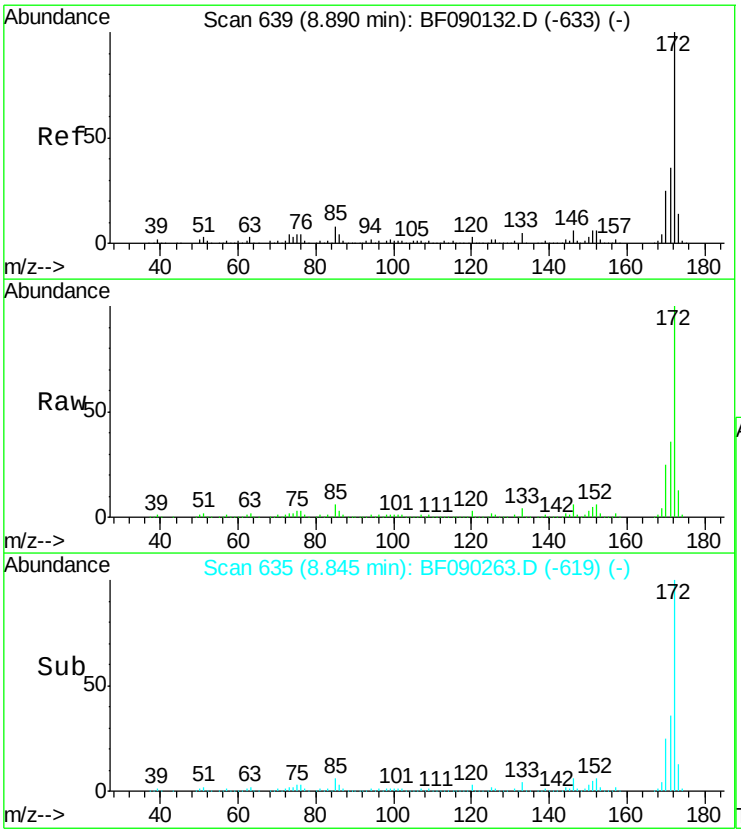
#41
2,4,6-Tribromophenol
Concen: 115.57 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:330 Resp: 240619

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	36.3	23.9	35.9#

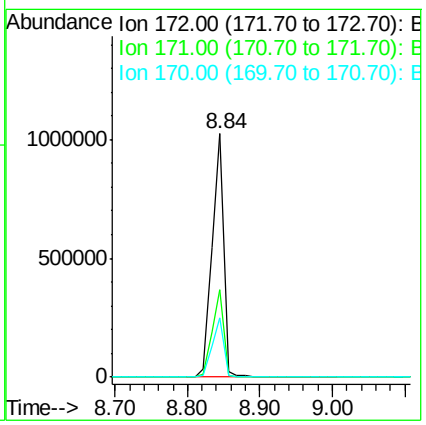


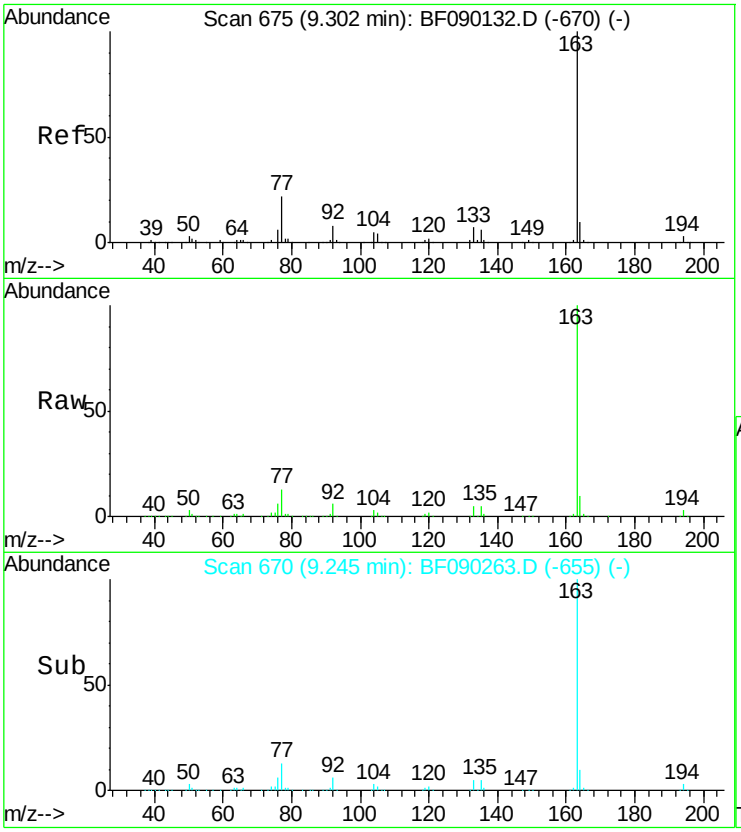


#44
2-Fluorobiphenyl
Concen: 92.58 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:172 Resp: 1144435

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.5	19.8	29.8



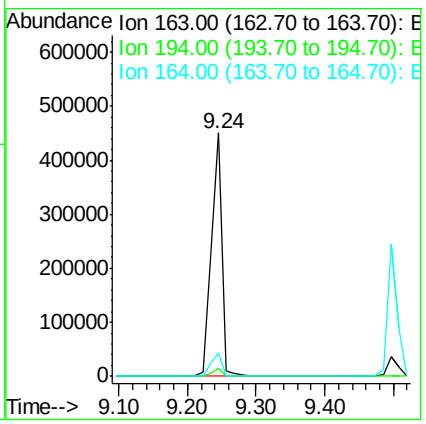


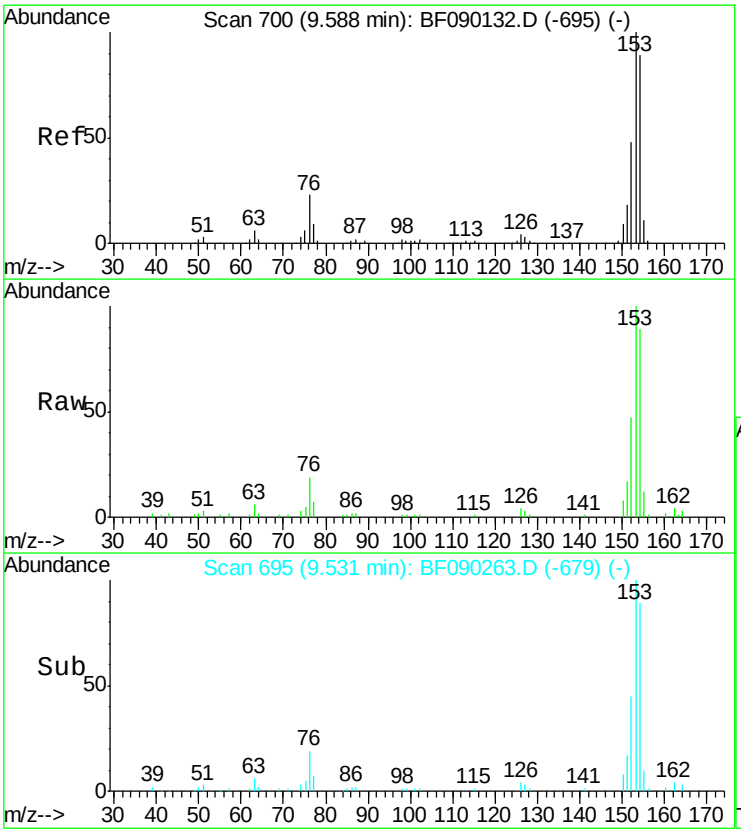
#49
Dimethylphthalate
Concen: 31.63 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:163 Resp: 488929

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.1	12.1

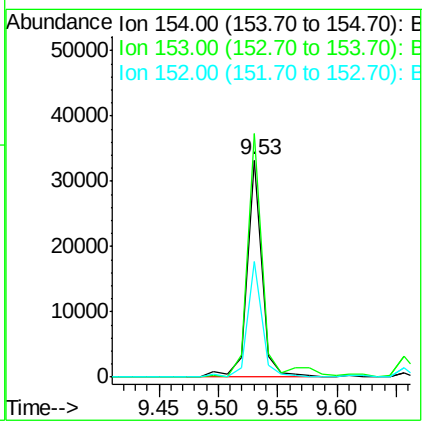


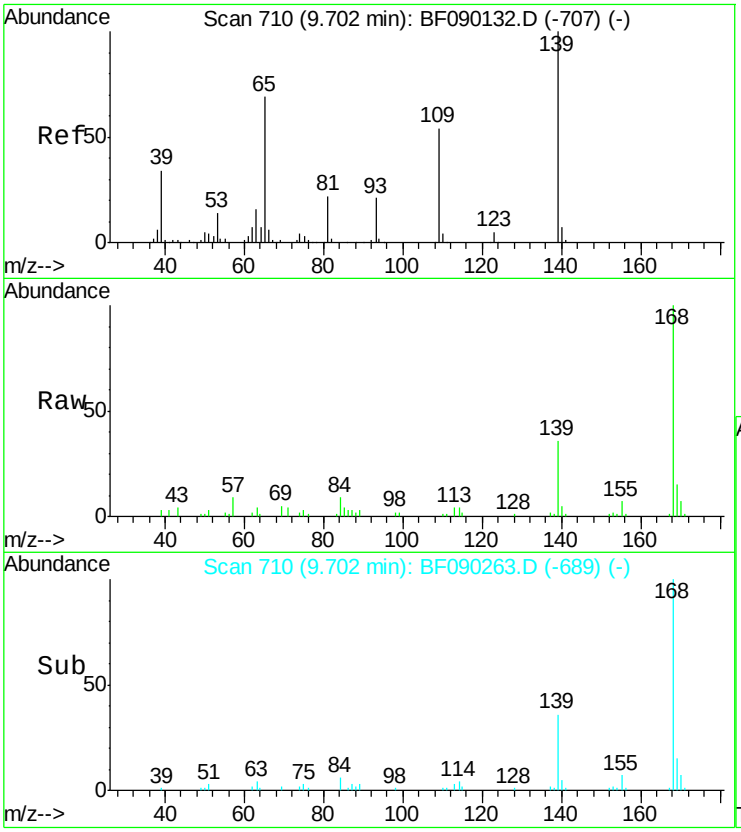


#51
Acenaphthene
Concen: 2.34 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:154 Resp: 28854

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.8	136.2
152	53.0	44.2	66.4



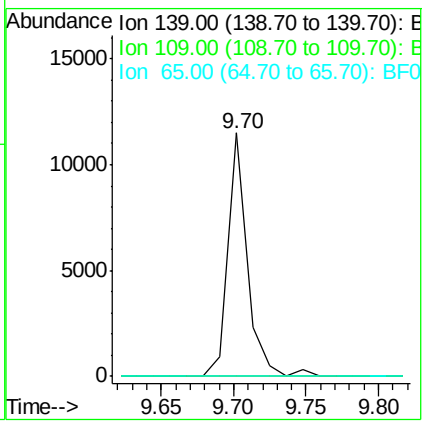


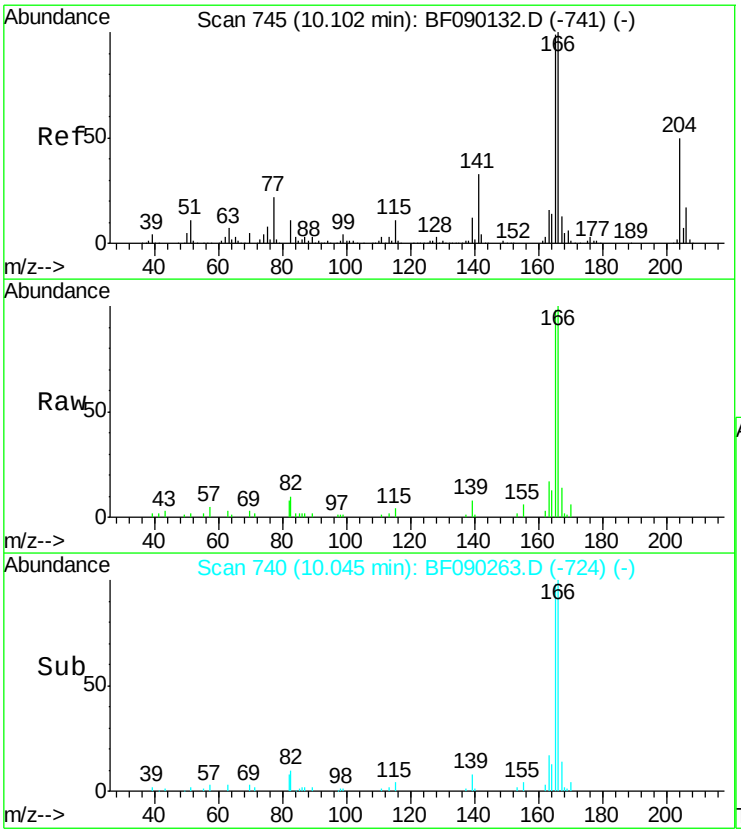
#55
4-Nitrophenol
Concen: 3.86 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.05 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:139 Resp: 10678

Ion	Ratio	Lower	Upper
139	100		
109	0.0	35.6	75.6#
65	0.0	55.5	95.5#

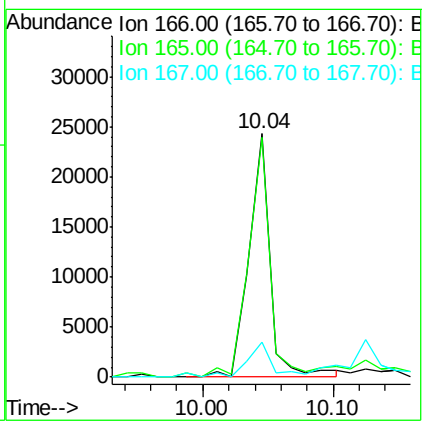


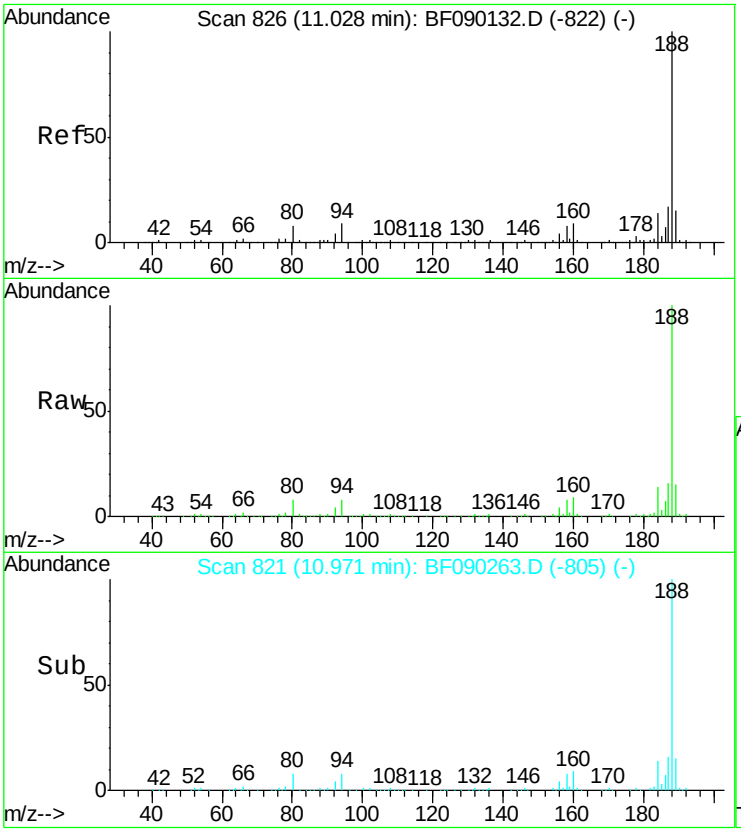


#57
Fluorene
Concen: 2.24 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:166 Resp: 27452

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.5	117.7
167	14.5	11.2	16.8



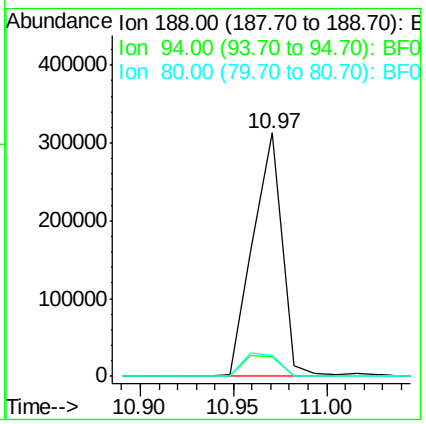


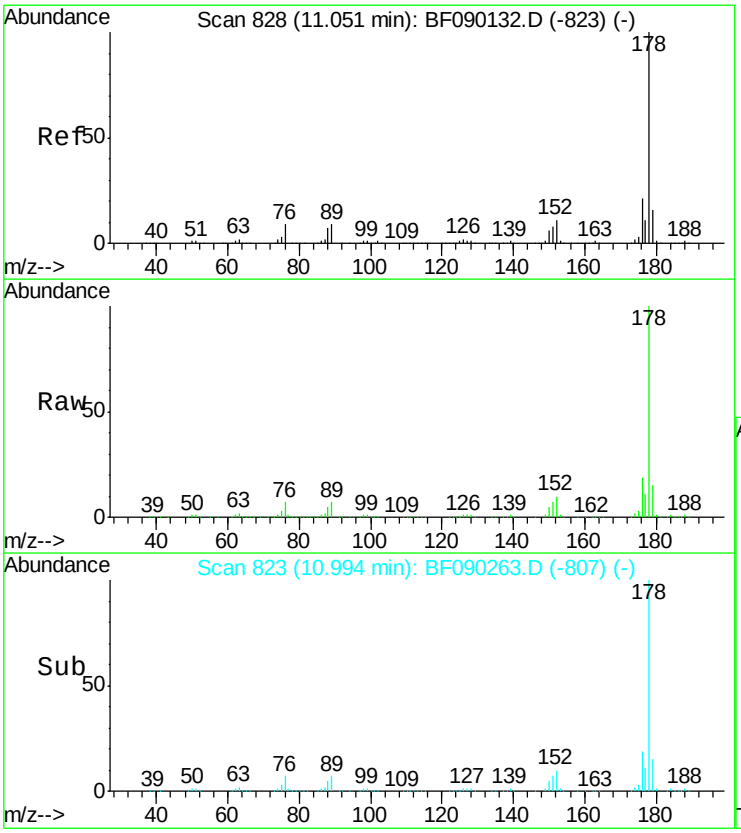
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:188 Resp: 339139

Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.5	15.7#
80	8.5	11.2	16.8#

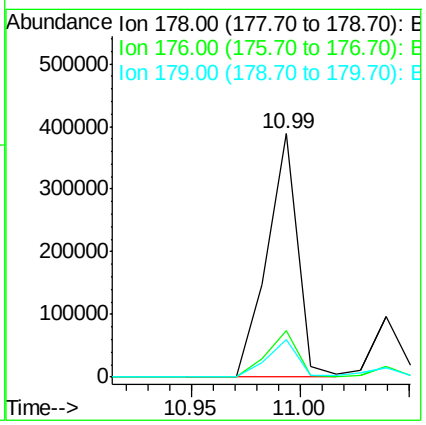


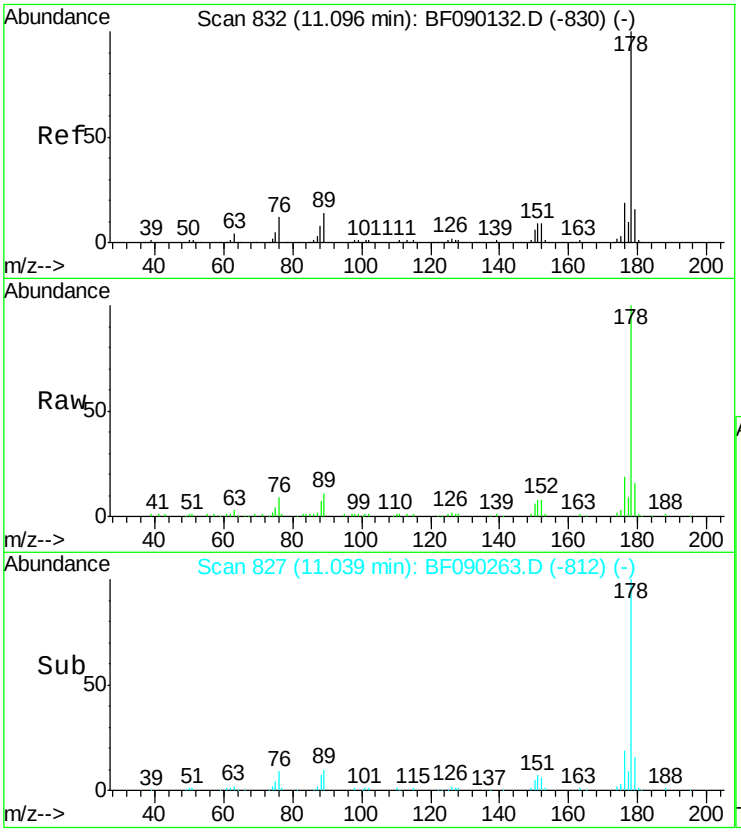


#70
Phenanthrene
Concen: 24.26 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:178 Resp: 384744

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.3	12.9	19.3



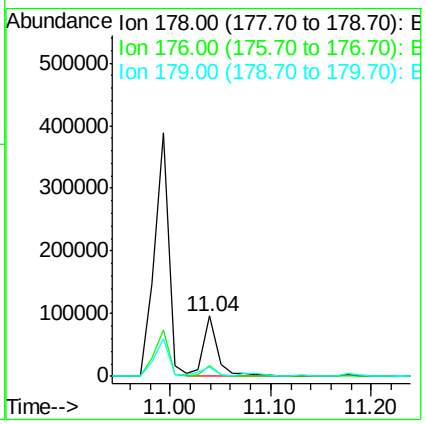


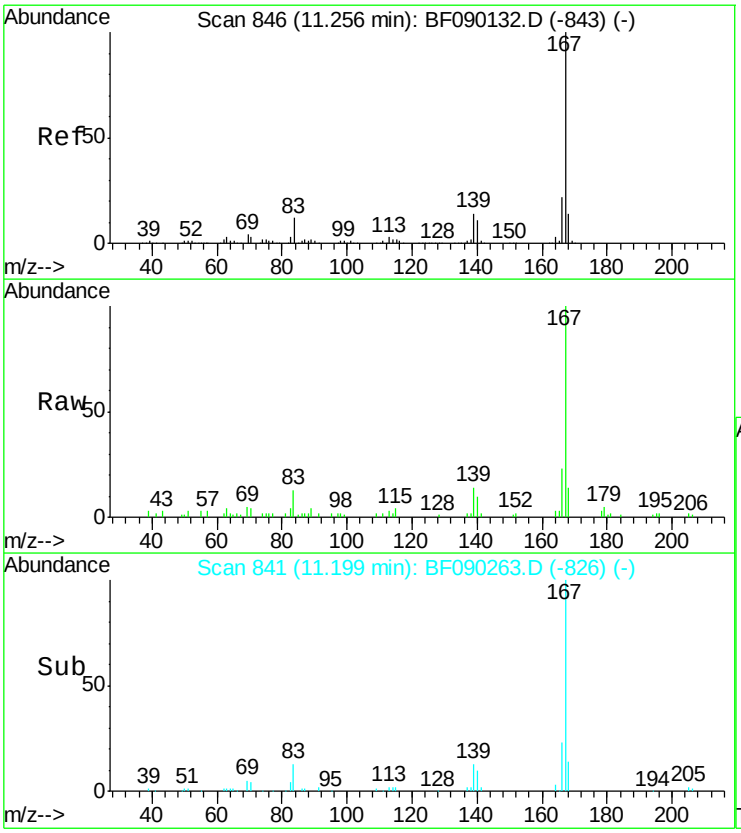
#71
Anthracene
Concen: 5.77 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:178 Resp: 95990

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.8	12.6	19.0

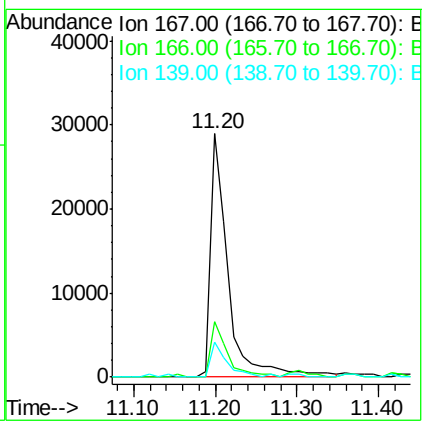


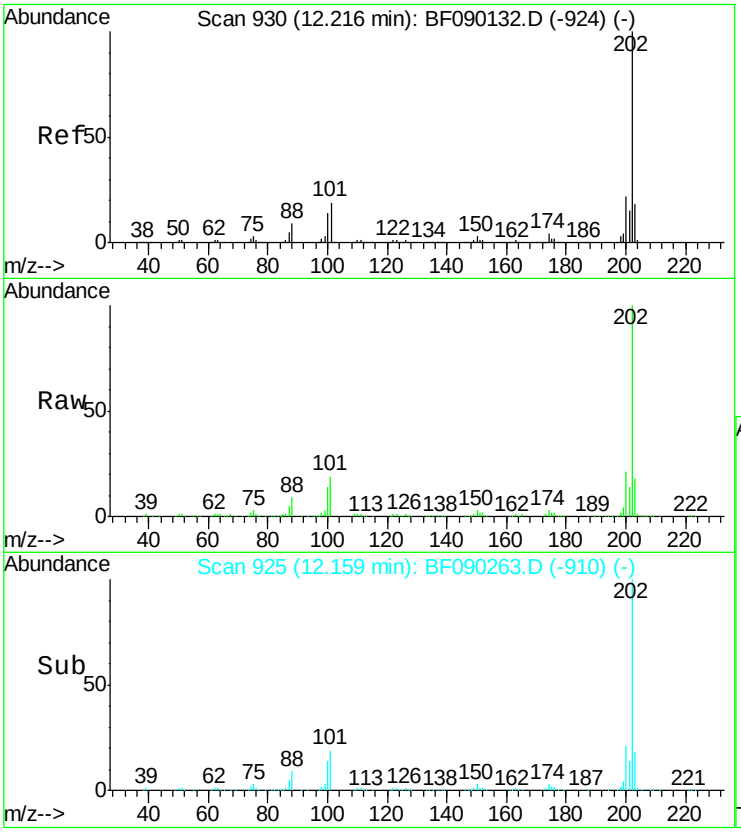


#72
Carbazole
Concen: 2.48 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:167 Resp: 43594

Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.0	27.0
139	14.4	10.4	15.6



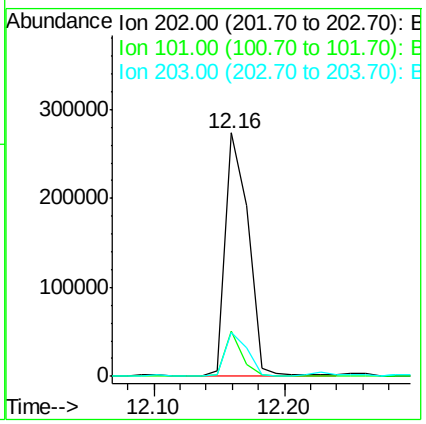


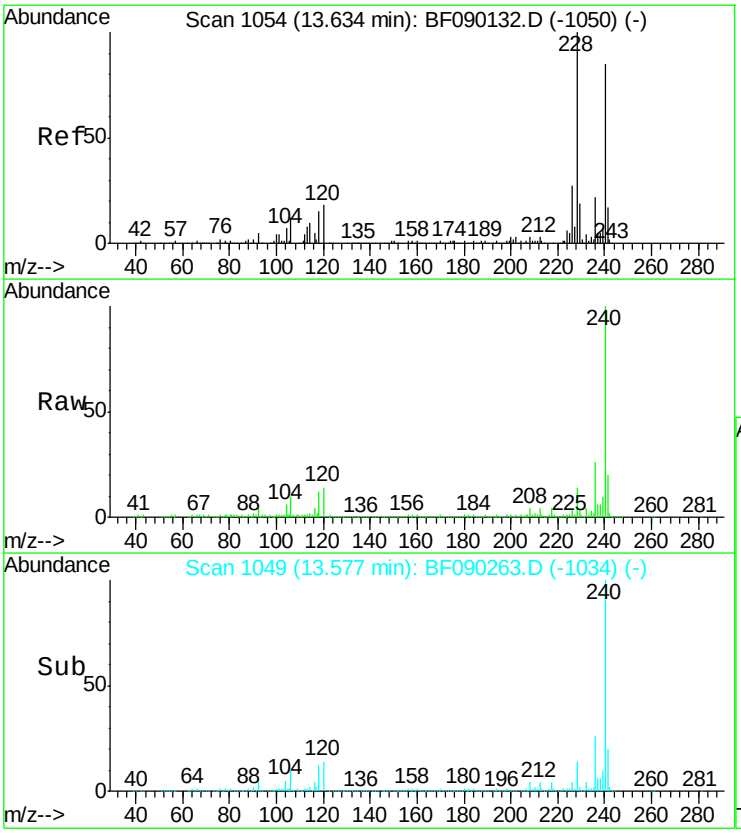
#74
Fluoranthene
Concen: 19.66 ng
RT: 12.16 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:202 Resp: 334790

Ion	Ratio	Lower	Upper
202	100		
101	18.7	0.0	36.1
203	17.8	0.0	38.2

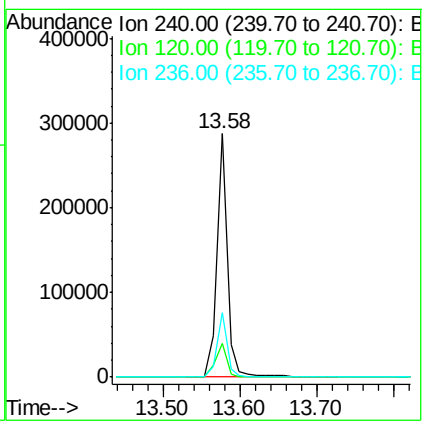


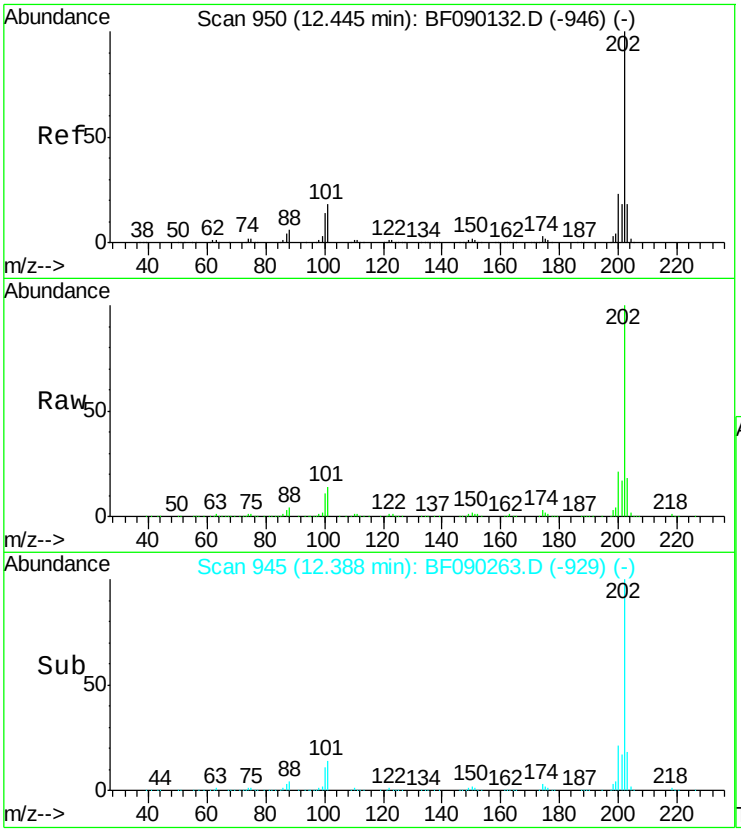


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:240 Resp: 272031

Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.6	16.0
236	26.2	21.6	32.4



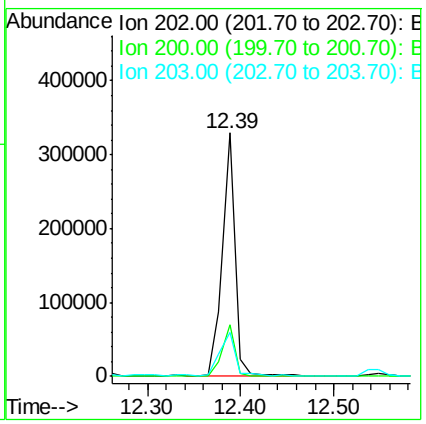


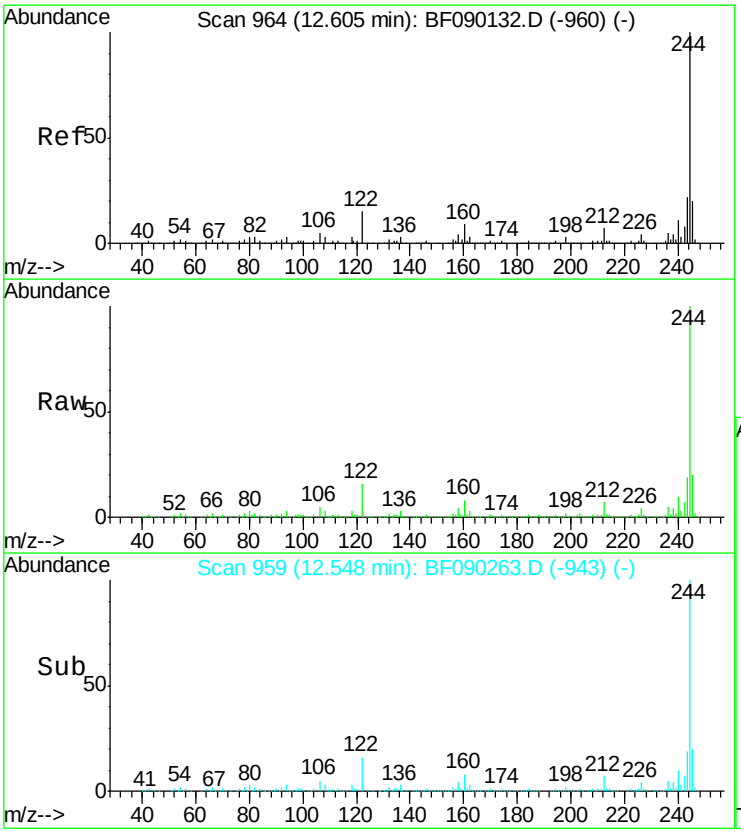
#77
Pyrene
Concen: 16.59 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:202 Resp: 308732

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.9	26.9
203	18.1	14.2	21.4

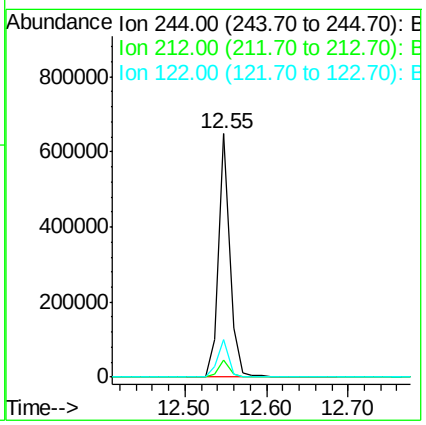


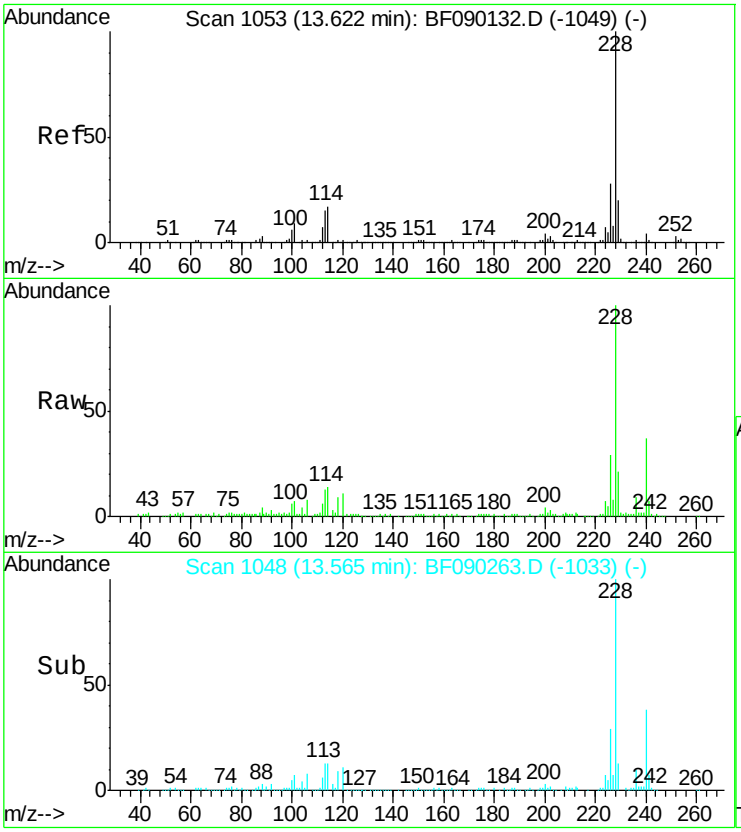


#78
Terphenyl-d14
Concen: 58.55 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:244 Resp: 627301

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	15.7	9.4	14.0#



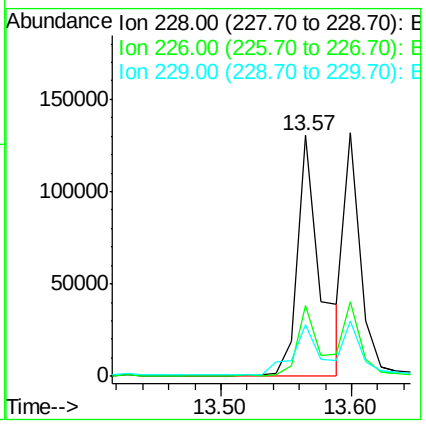


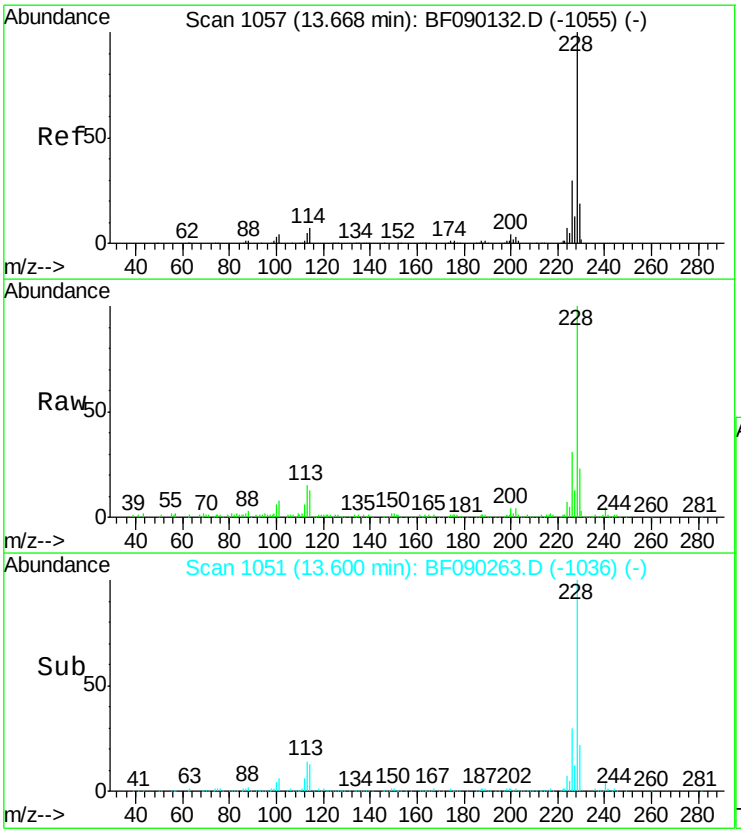
#80
Benzo(a)anthracene
Concen: 10.93 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:228 Resp: 160009

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.0	33.0
229	21.3	16.2	24.2

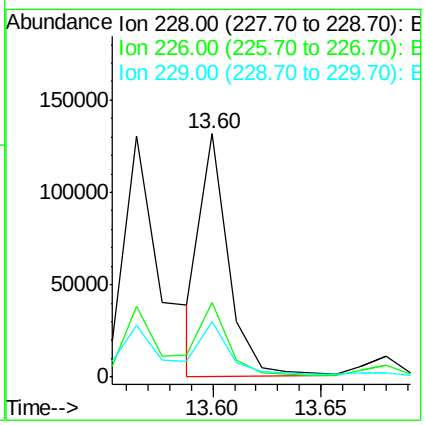


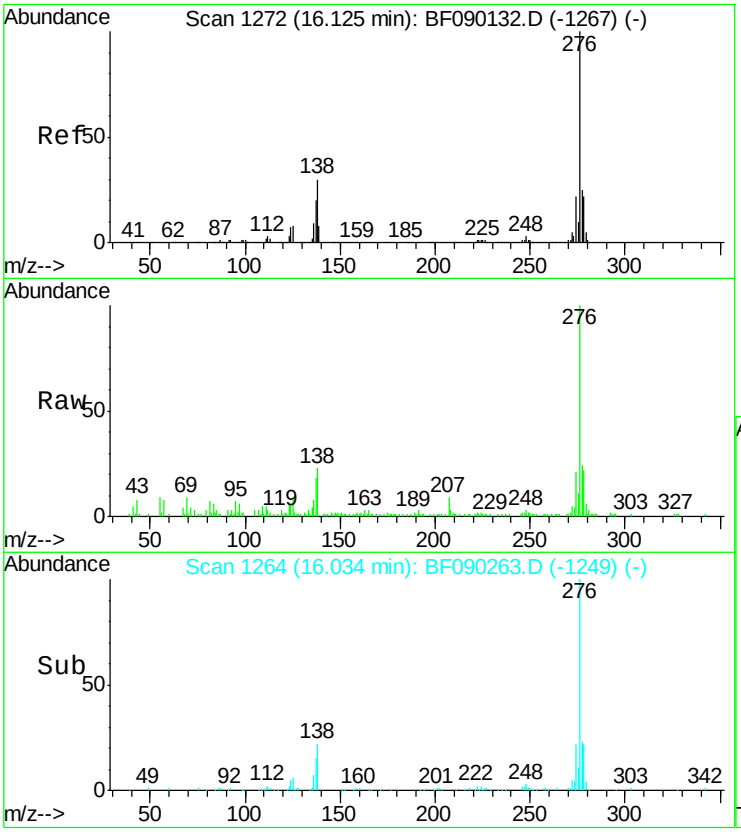


#82
Chrysene
Concen: 8.22 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:228 Resp: 117252

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	22.8	16.2	24.4



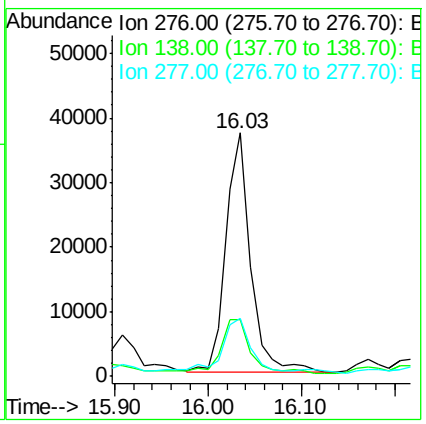


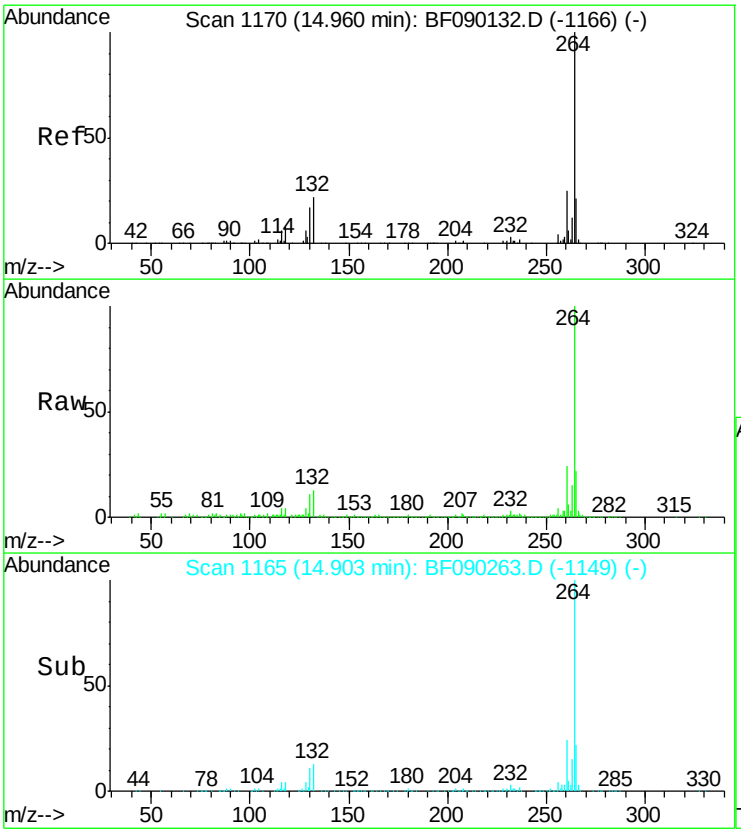
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.95 ng
RT: 16.03 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:276 Resp: 68579

Ion	Ratio	Lower	Upper
276	100		
138	28.3	25.9	38.9
277	25.5	19.9	29.9

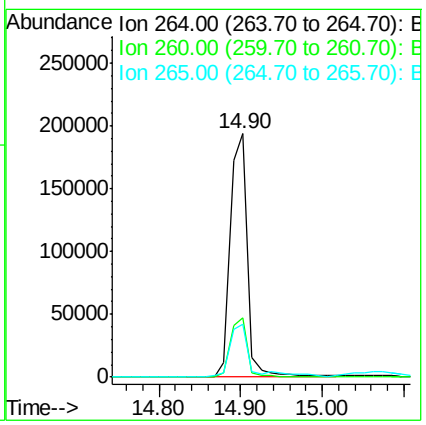


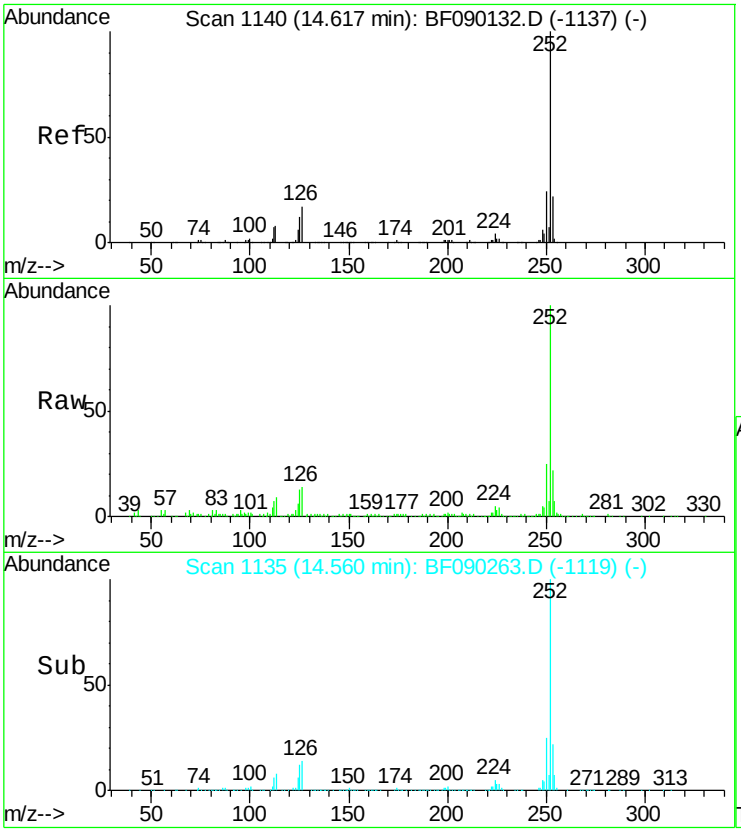


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:264 Resp: 285081

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.0	17.0	25.4



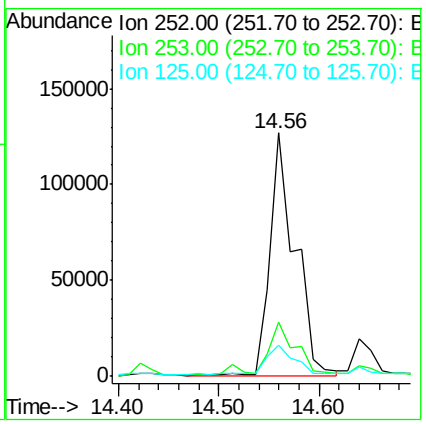


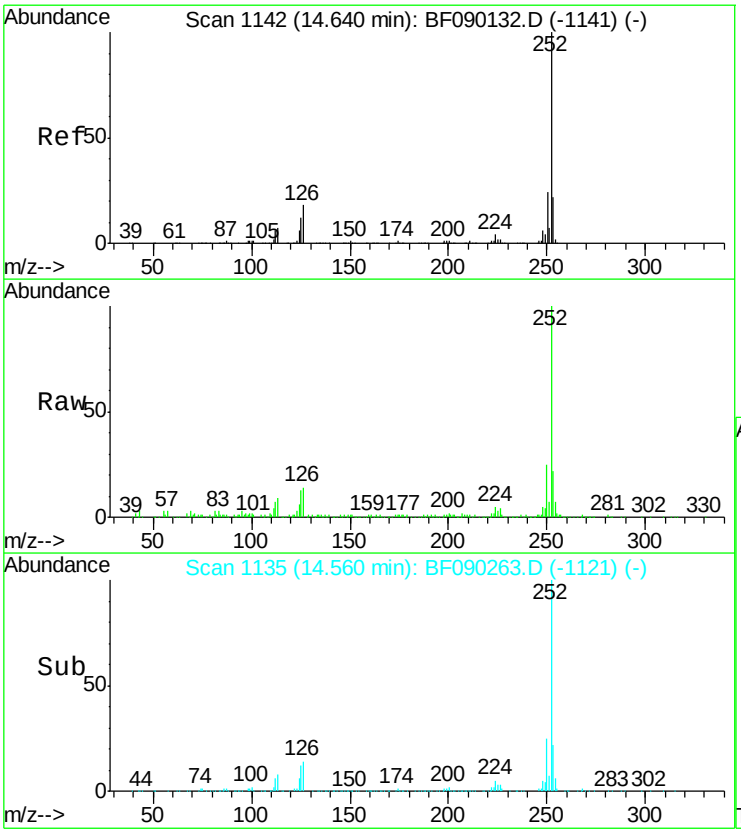
#87
Benzo(b)fluoranthene
Concen: 13.81 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:252 Resp: 218003

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	13.0	12.7	19.1

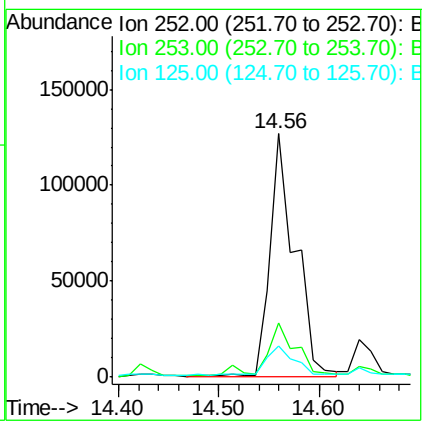


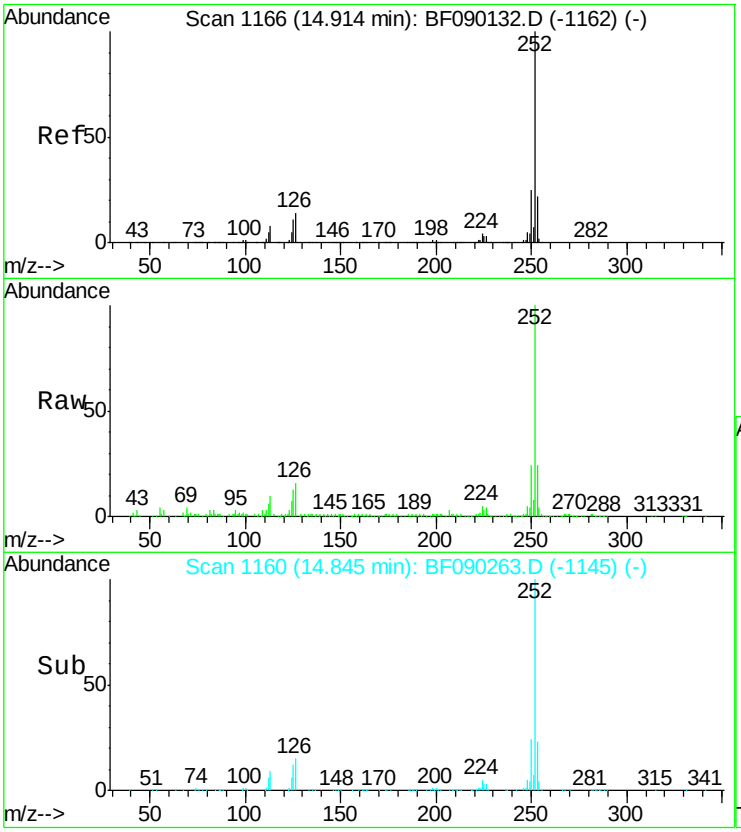


#88
Benzo(k)fluoranthene
Concen: 14.71 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.03 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:252 Resp: 218003

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	13.0	7.8	11.6#



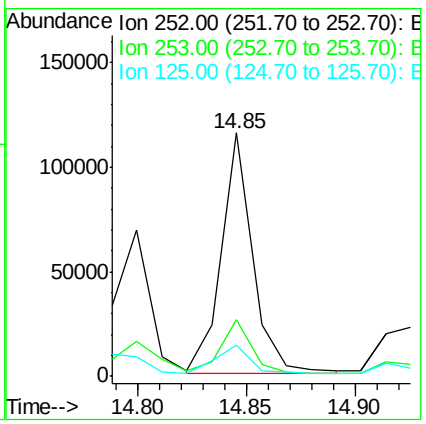


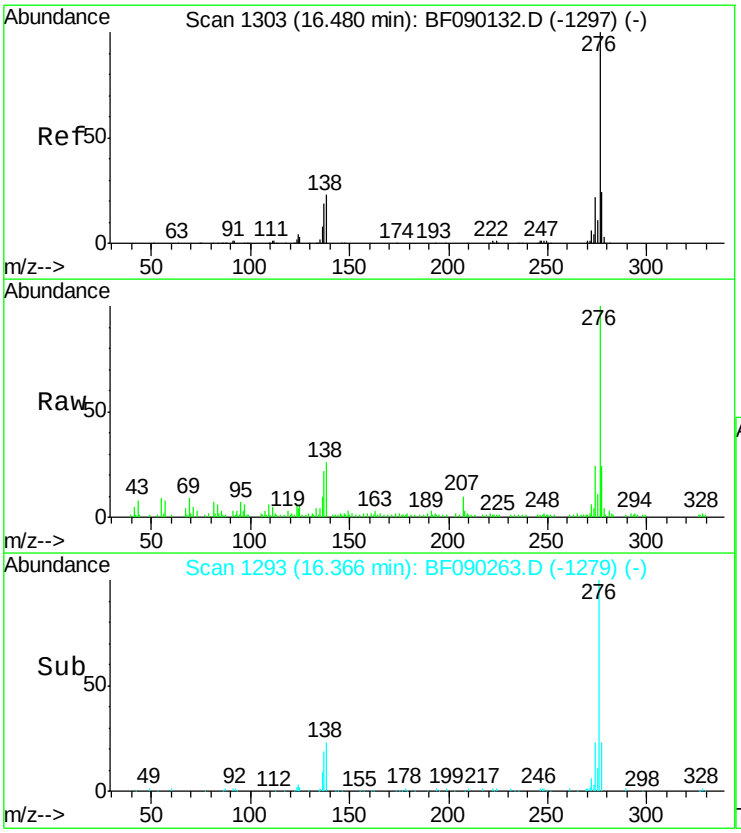
#89
Benzo(a)pyrene
Concen: 7.84 ng
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Instrument :
BNA_F
ClientSampleId :
S-1-2-LOC-1(10-15)

Tgt Ion:252 Resp: 116457

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	12.7	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 5.36 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF090263.D
Acq: 27 Sep 2016 20:27

Tgt Ion:276 Resp: 60836

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	26.2	23.3	34.9