Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090171.D
Acq On : 21 Sep 2016 20:46
Operator : UM/SJ
Sample : H4856-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-2-0.5-2FT

Quant Time: Sep 22 01:55:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	148331	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	521224	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	253321	20.00	ng		-0.02
63) Phenanthrene-d10	11.00	188	479761	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	331717	20.00	ng		-0.02
86) Perylene-d12	14.94	264	296425	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	910914	100.10	ng		0.00
7) Phenol-d6	6.16	99	1130146	100.56	ng		-0.01
23) Nitrobenzene-d5	7.07	82	610990	67.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.32	330	218073	100.34	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1117010	86.57	ng		-0.01
78) Terphenyl-d14	12.58	244	865610	66.25	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.07	70	68553	10.38	ng	#	79
49) Dimethylphthalate	9.28	163	418501	25.94	ng		99
70) Phenanthrene	11.03	178	141254	6.30	ng		97
71) Anthracene	11.03	178	141254	6.00	ng		97
74) Fluoranthene	12.21	202	212186	8.81	ng		91
77) Pyrene	12.42	202	189403	8.34	ng		98
80) Benzo(a)anthracene	13.60	228	87873	4.92	ng		92
82) Chrysene	13.60	228	87873	5.05	ng		96
85) Indeno(1,2,3-cd)pyrene	16.09	276	47888	3.41	ng		95
87) Benzo(b)fluoranthene	14.59	252	128999	7.86	ng		99
88) Benzo(k)fluoranthene	14.59	252	128999	8.37	ng	#	95
89) Benzo(a)pyrene	14.88	252	68956	4.47	ng	#	87
91) Benzo(g,h,i)perylene	16.43	276	49554	4.20	ng		94

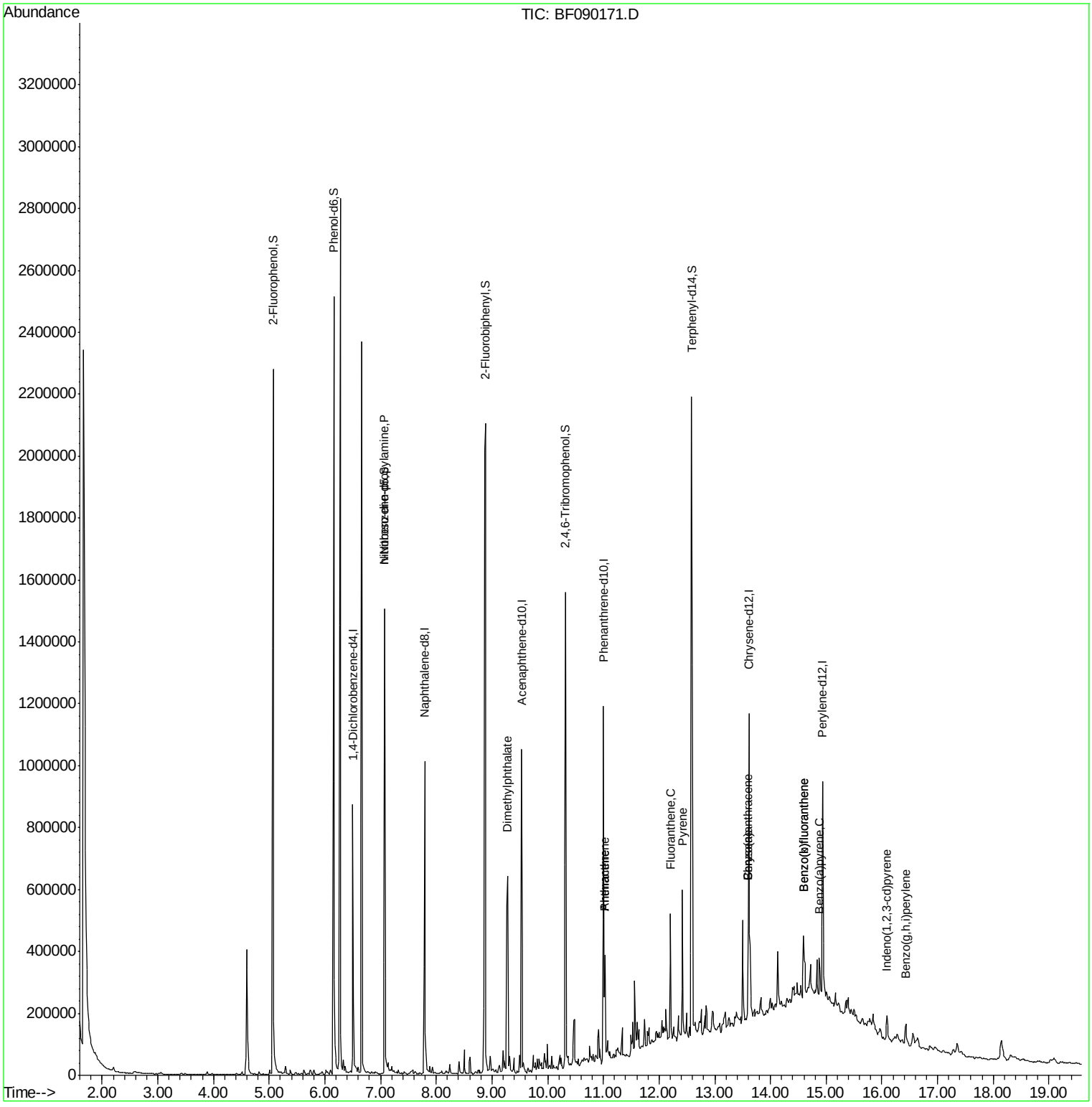
(#) = qualifier out of range (m) = manual integration (+) = signals summed

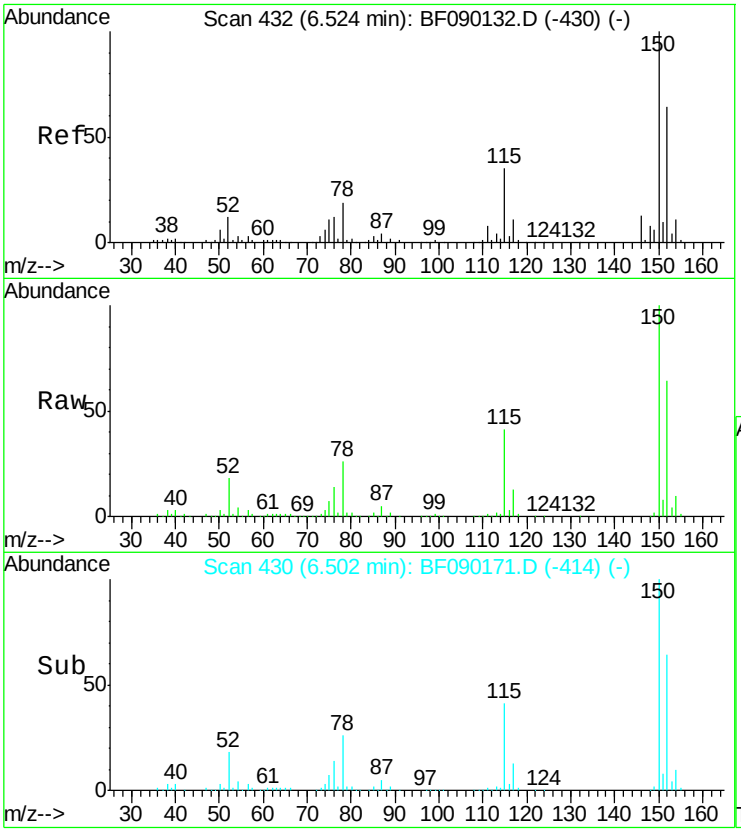
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
Data File : BF090171.D
Acq On : 21 Sep 2016 20:46
Operator : UM/SJ
Sample : H4856-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Quant Time: Sep 22 01:55:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration



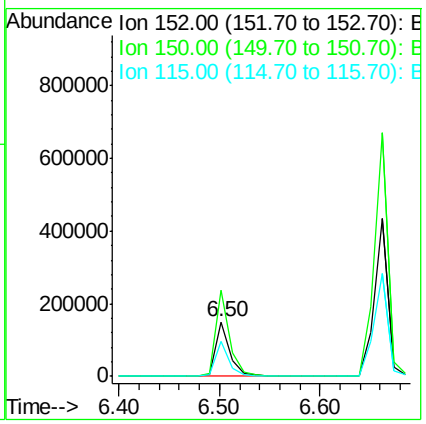


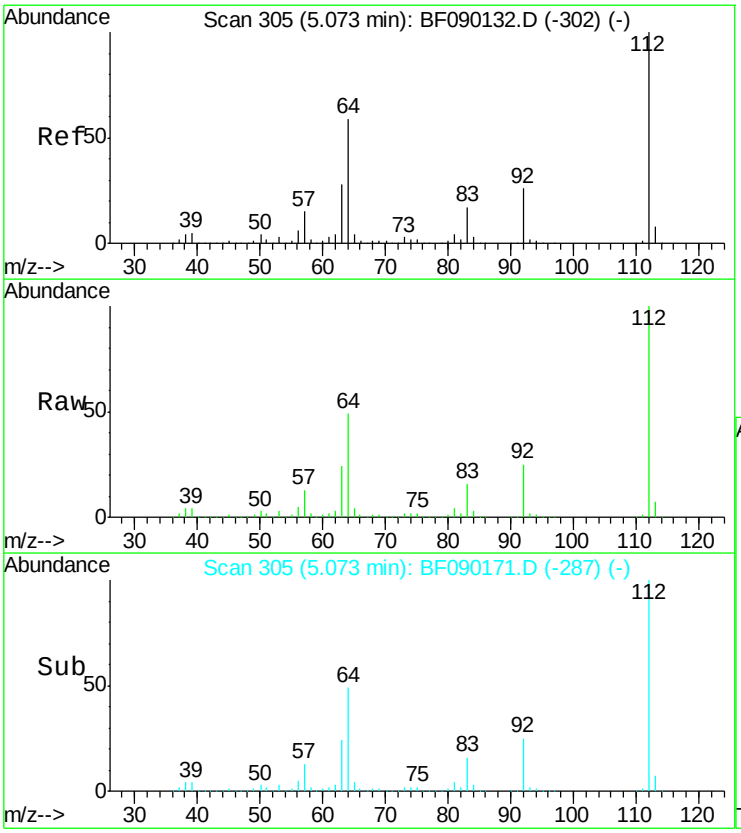
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:152 Resp: 148331

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.9	193.3
115	63.8	55.5	83.3

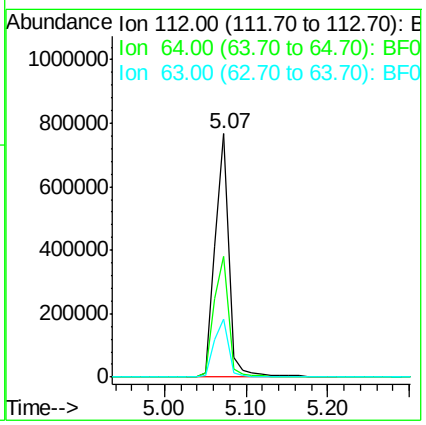


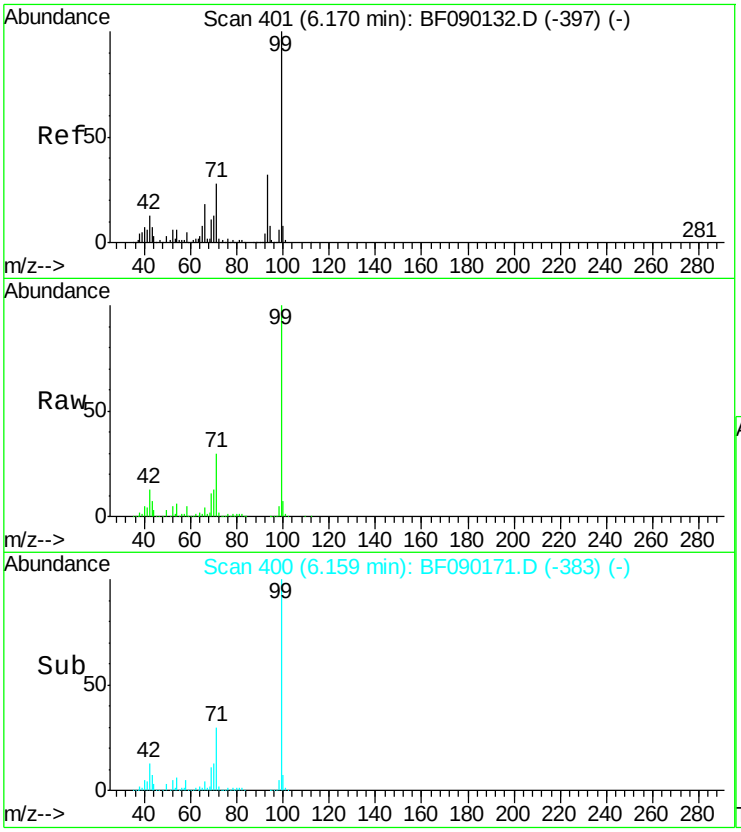


#5
2-Fluorophenol
Concen: 100.10 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:112 Resp: 910914

Ion	Ratio	Lower	Upper
112	100		
64	49.4	39.8	59.6
63	24.0	18.9	28.3



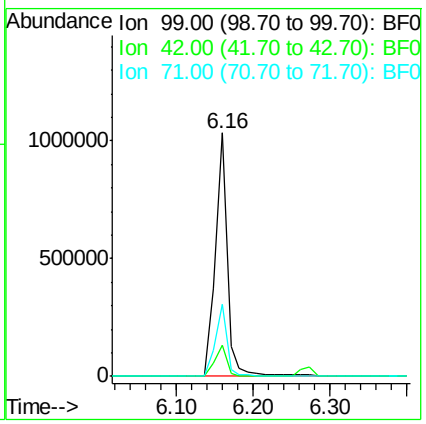


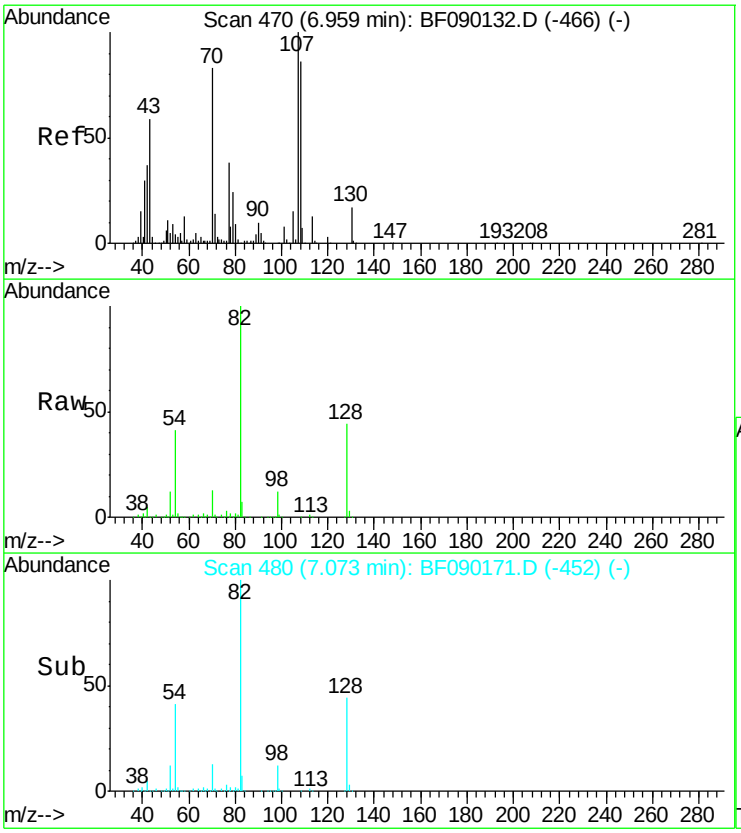
#7
Phenol-d6
Concen: 100.56 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion: 99 Resp: 1130146

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	15.8
71	29.6	23.0	34.6

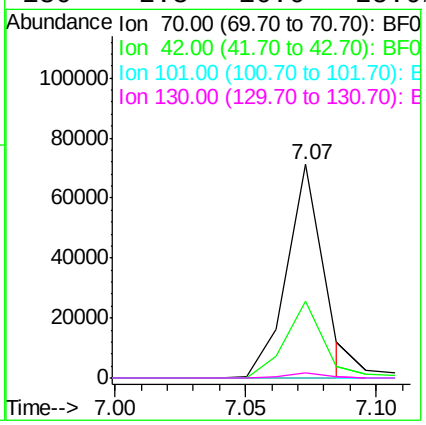


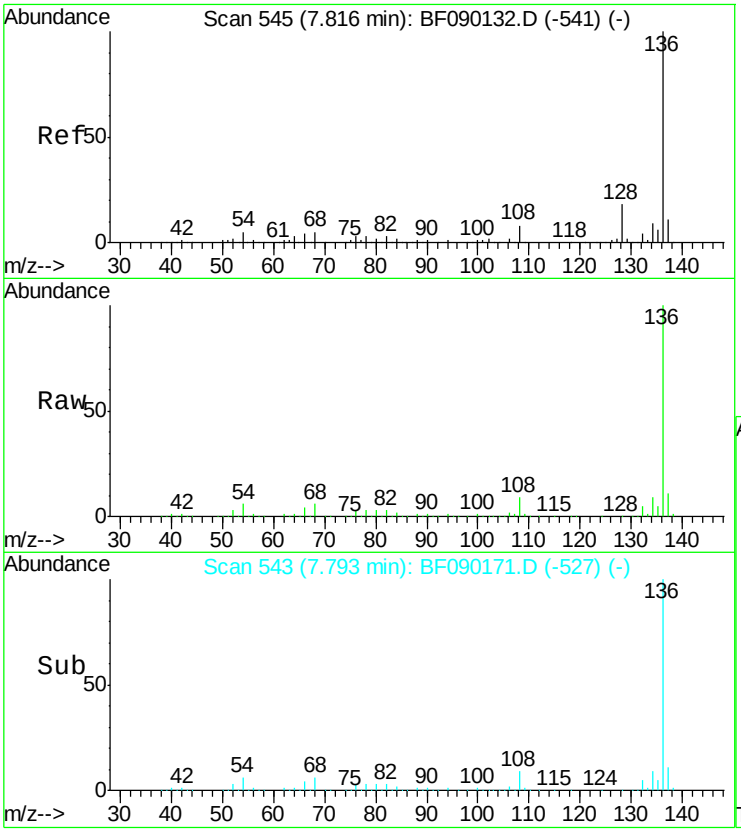


#19
n-Nitroso-di-n-propylamine
Concen: 10.38 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.12 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion: 70 Resp: 68553

Ion	Ratio	Lower	Upper
70	100		
42	36.3	35.1	52.7
101	0.0	7.5	11.3#
130	2.3	16.6	25.0#



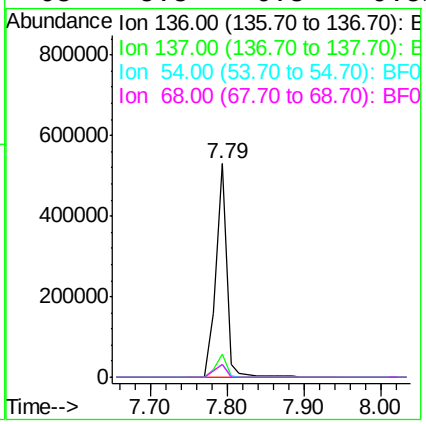


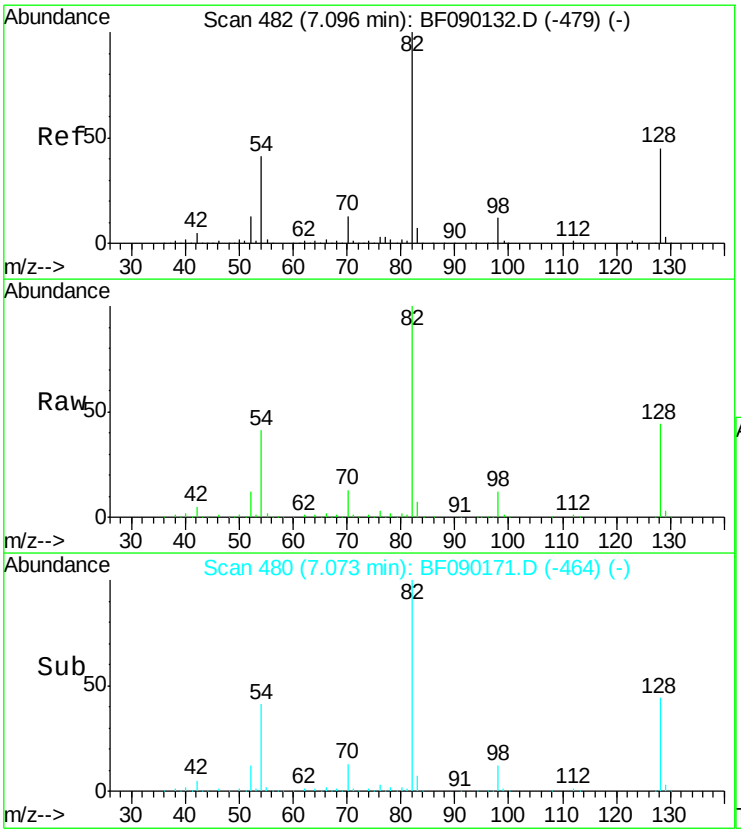
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:136 Resp: 521224

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.8	6.4	9.6#
68	5.8	6.3	9.5#

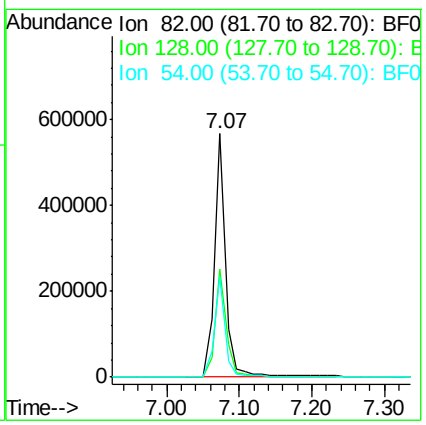


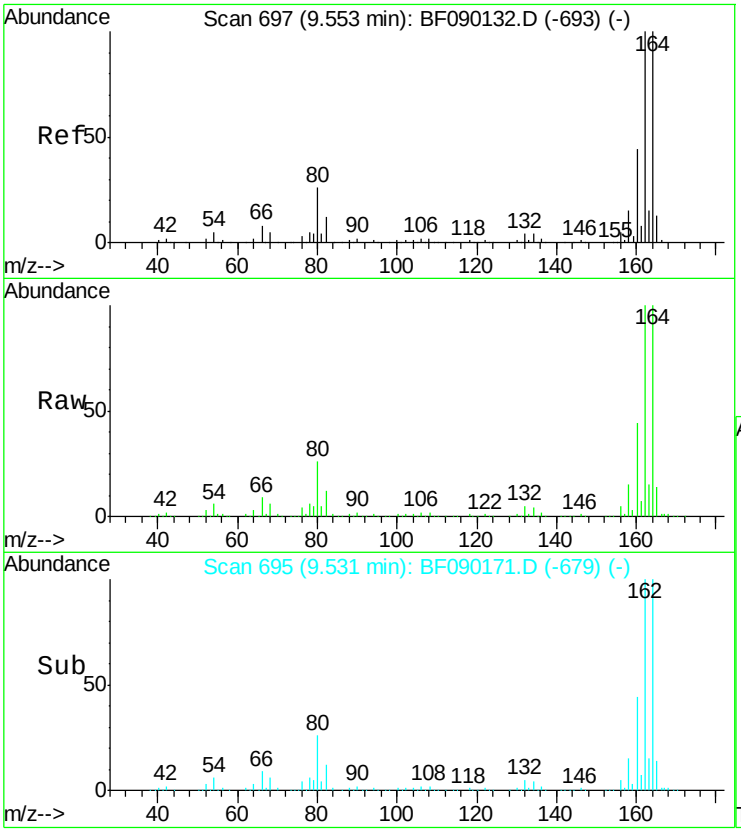


#23
Nitrobenzene-d5
Concen: 67.95 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion: 82 Resp: 610990

Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.5	56.3
54	41.1	31.9	47.9



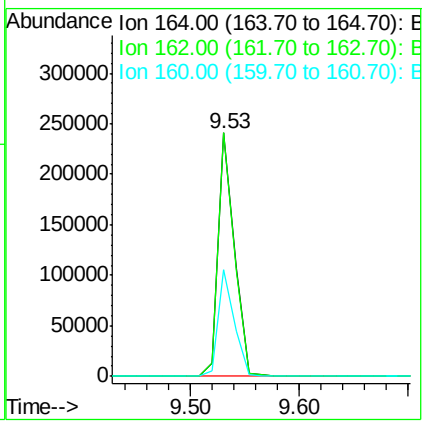


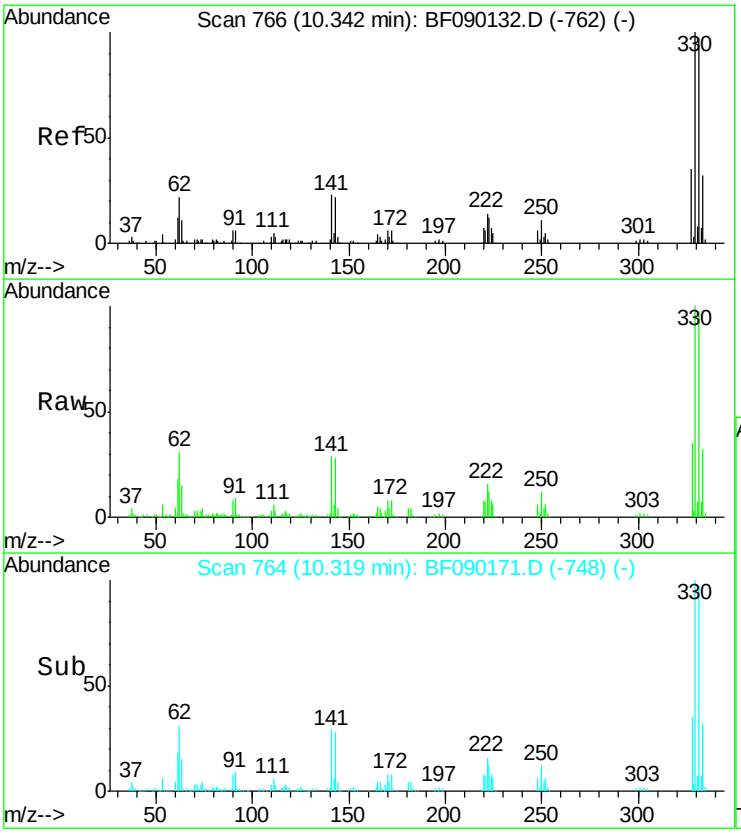
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:164 Resp: 253321

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.2
160	43.7	36.6	54.8

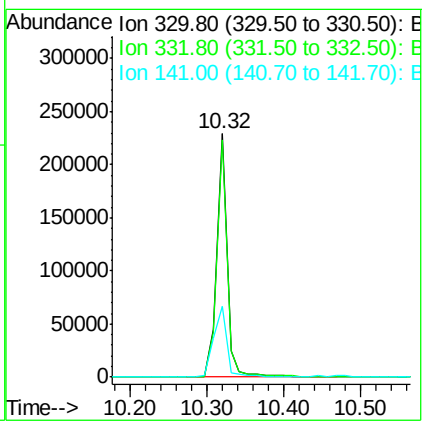


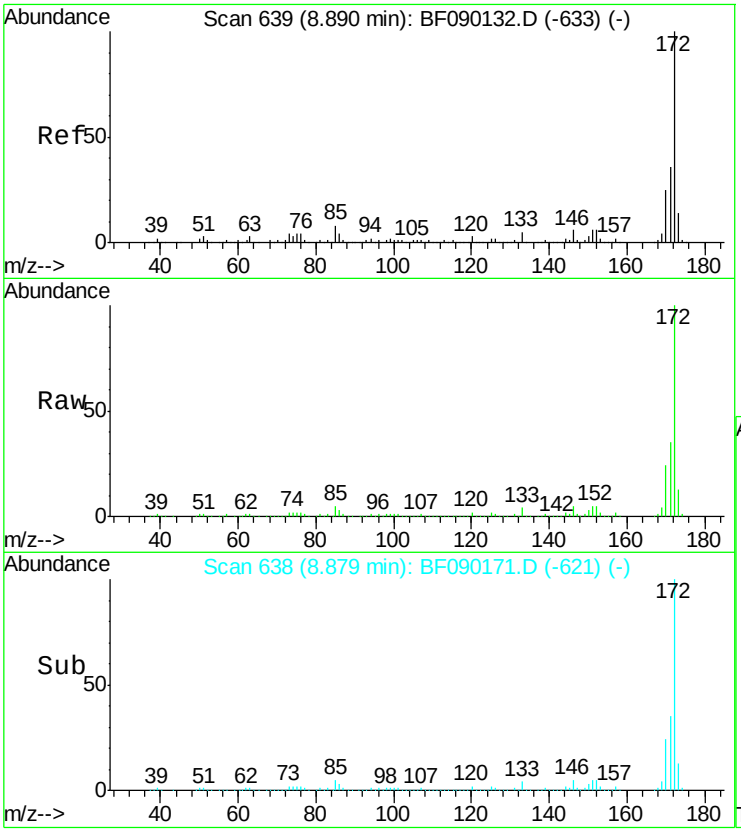


#41
2,4,6-Tribromophenol
Concen: 100.34 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:330 Resp: 218073

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	36.1	23.9	35.9#



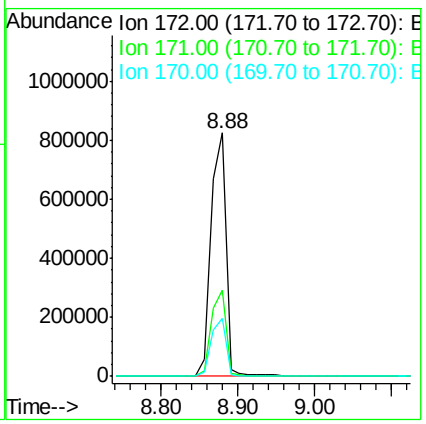


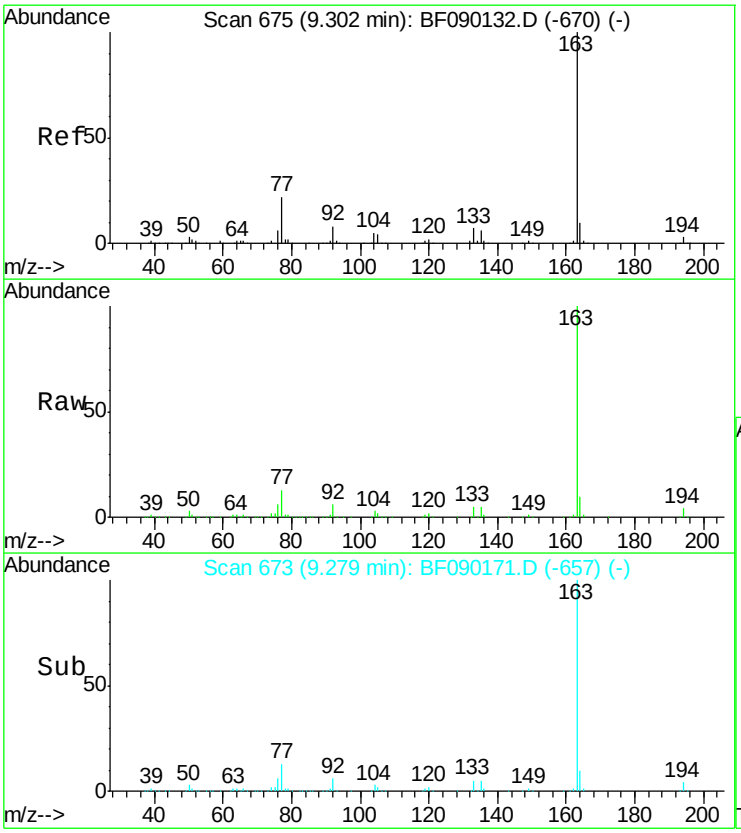
#44
2-Fluorobiphenyl
Concen: 86.57 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:172 Resp: 1117010

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.7	19.8	29.8

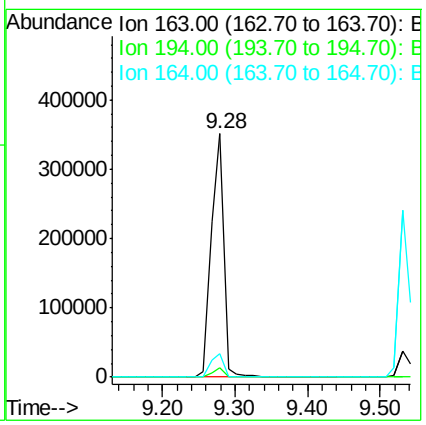


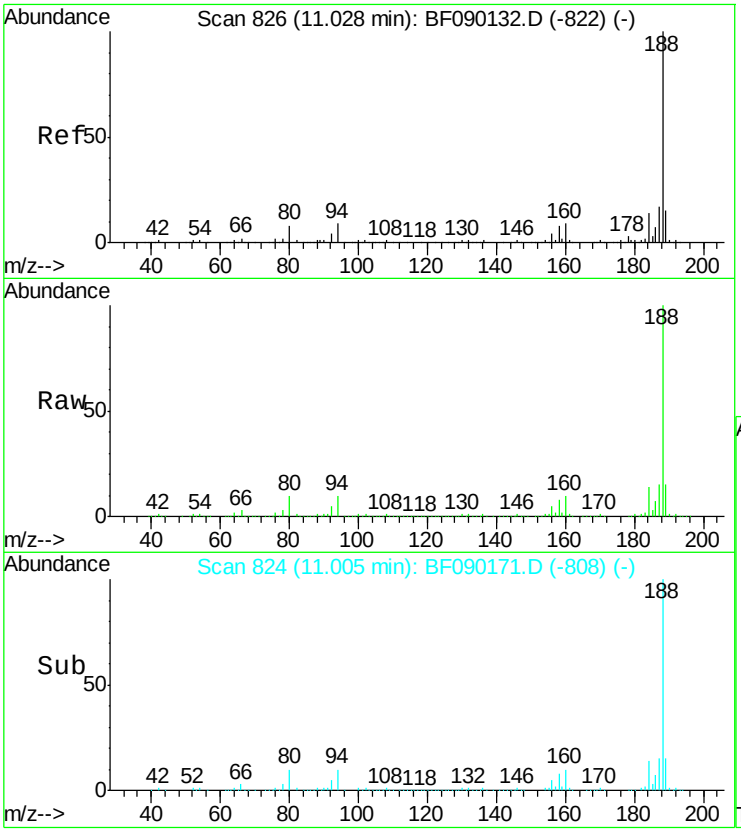


#49
Dimethylphthalate
Concen: 25.94 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:163 Resp: 418501

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.5	8.1	12.1



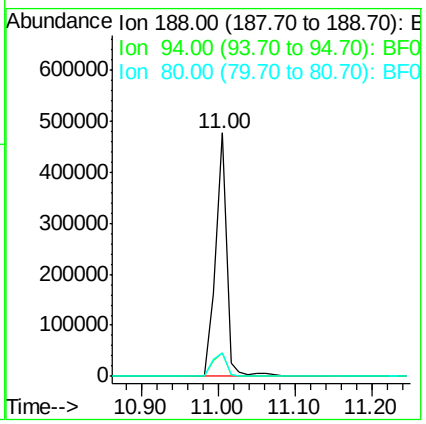


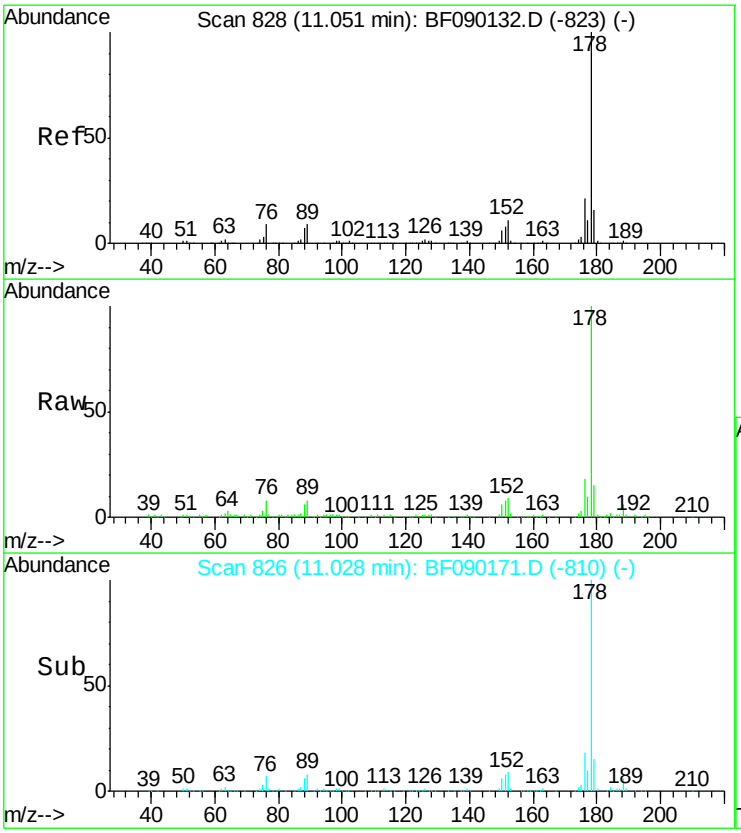
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:188 Resp: 479761

Ion	Ratio	Lower	Upper
188	100		
94	9.6	10.5	15.7#
80	9.5	11.2	16.8#

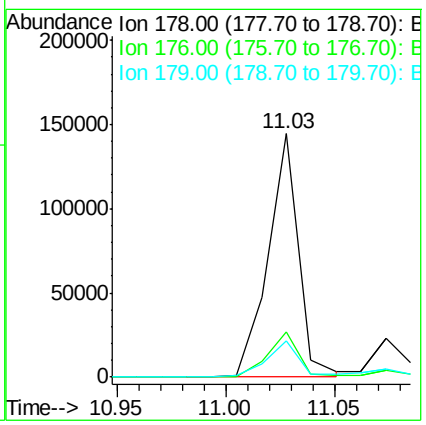


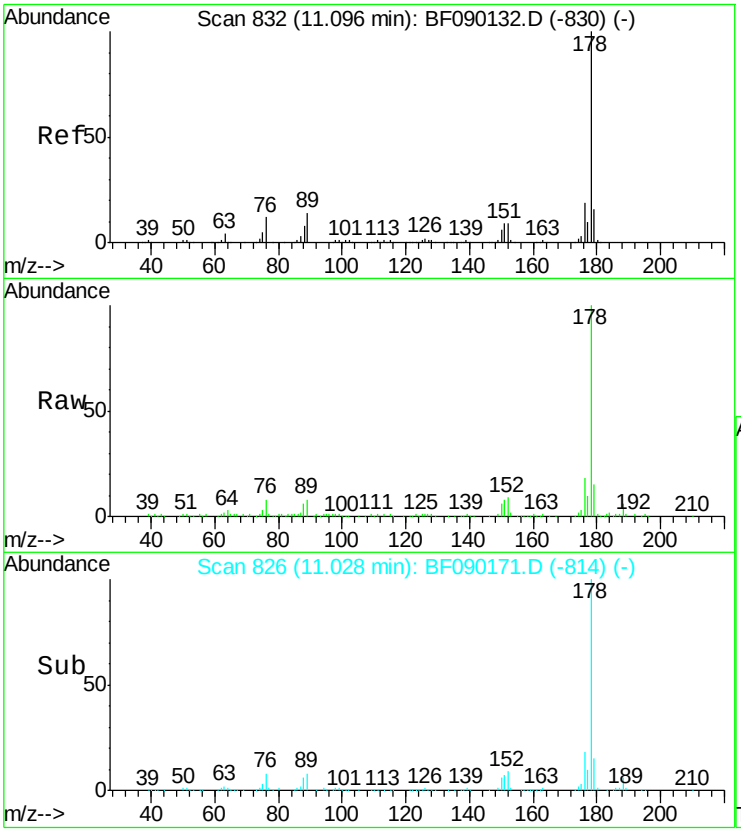


#70
Phenanthrene
Concen: 6.30 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:178 Resp: 141254

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	14.9	12.9	19.3



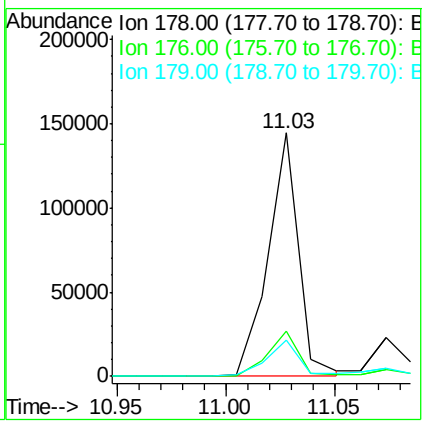


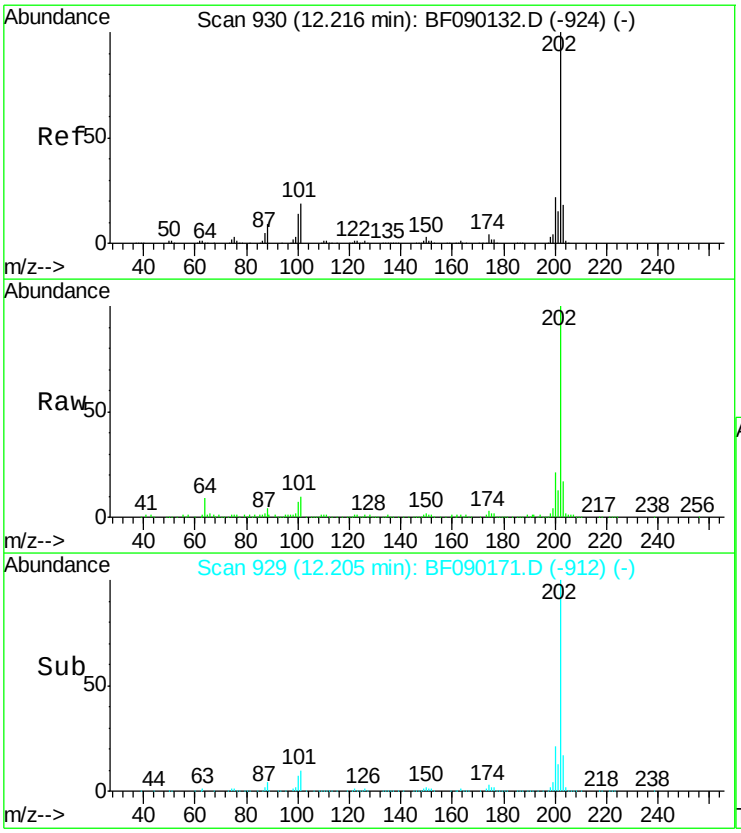
#71
Anthracene
Concen: 6.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.07 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:178 Resp: 141254

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	14.9	12.6	19.0

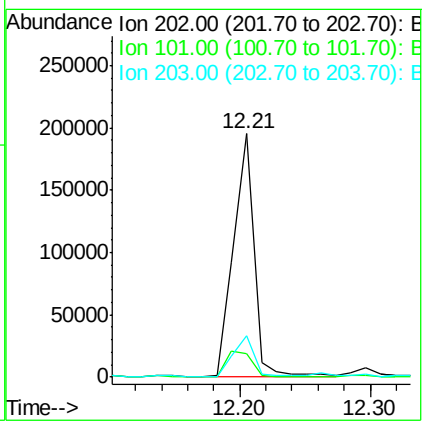


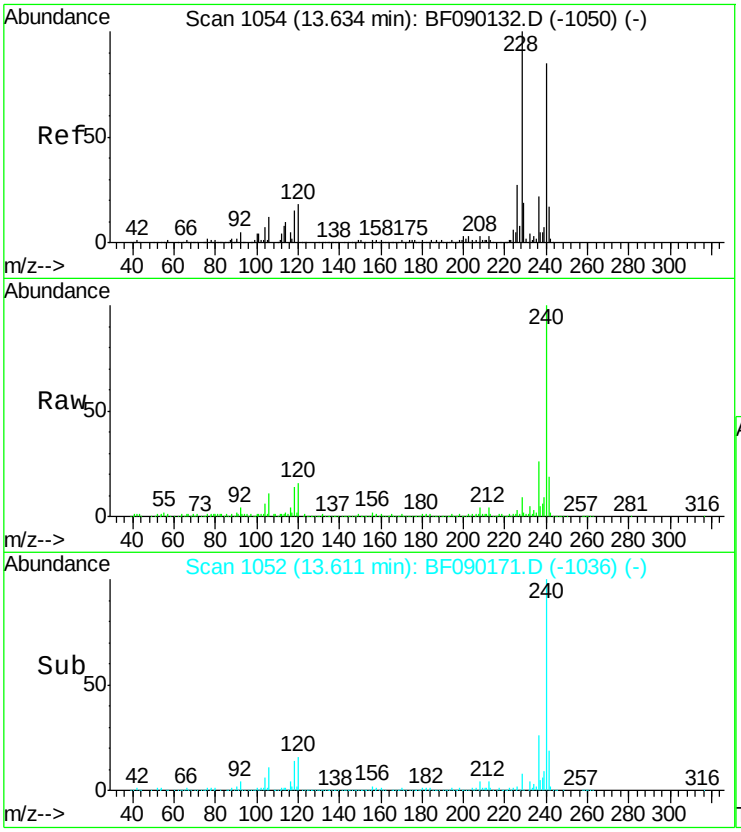


#74
Fluoranthene
Concen: 8.81 ng
RT: 12.21 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:202 Resp: 212186

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	36.1
203	16.9	0.0	38.2



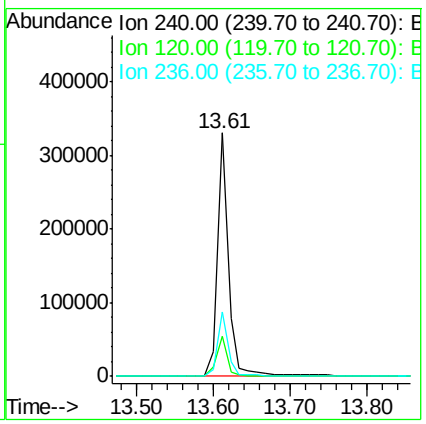


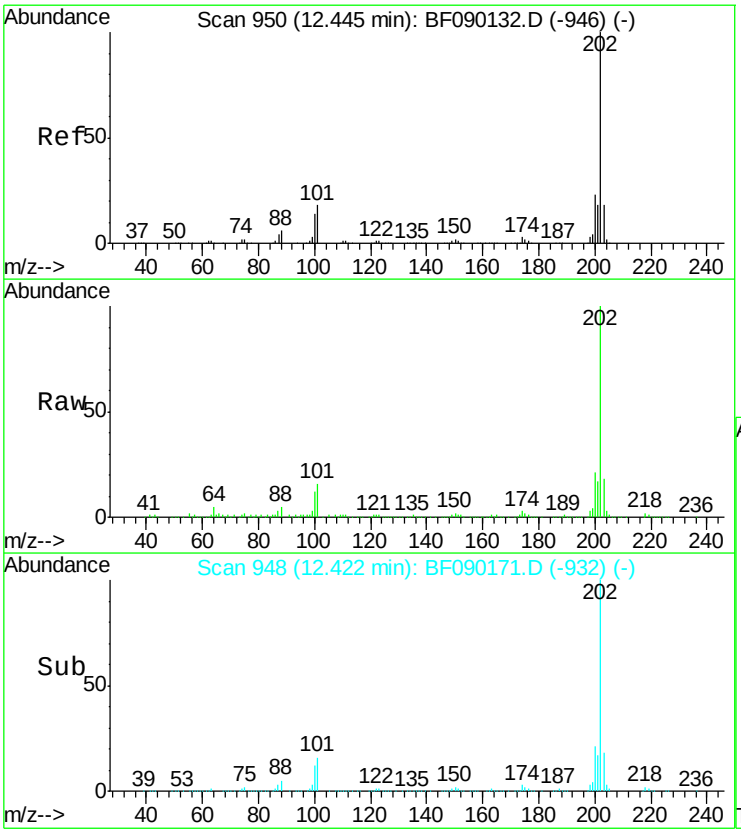
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:240 Resp: 331717

Ion	Ratio	Lower	Upper
240	100		
120	16.5	10.6	16.0#
236	26.4	21.6	32.4

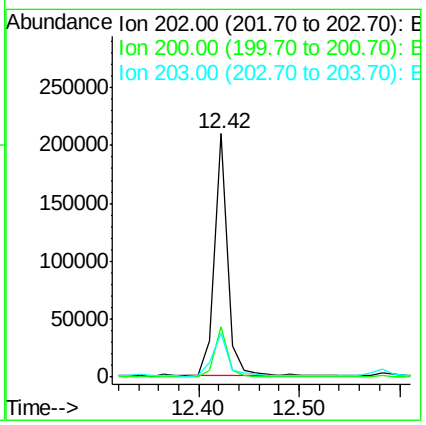


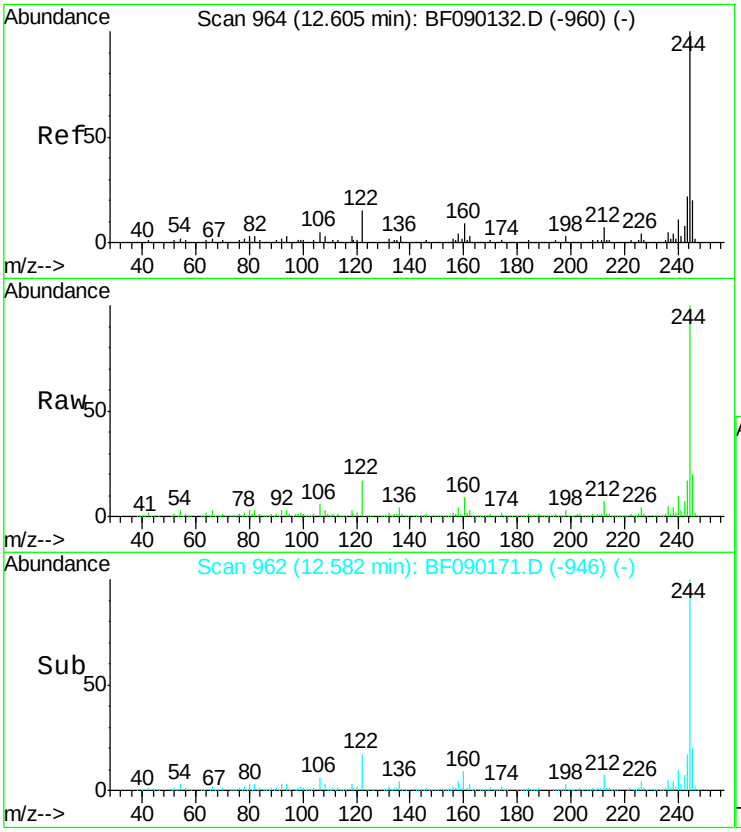


#77
Pyrene
Concen: 8.34 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:202 Resp: 189403

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.9	26.9
203	18.2	14.2	21.4



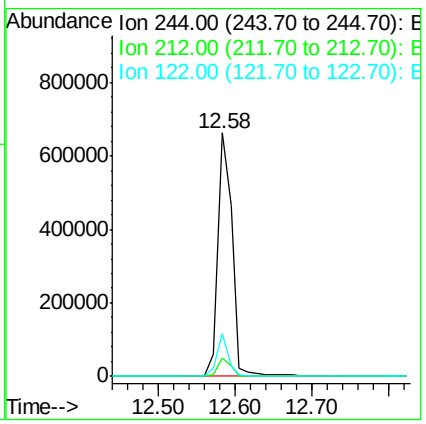


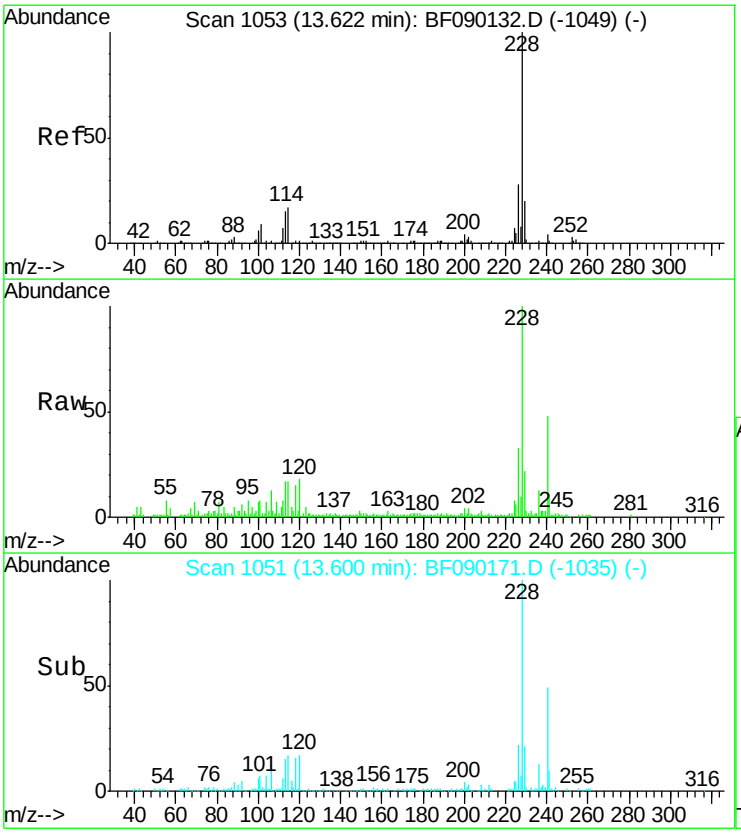
#78
Terphenyl-d14
Concen: 66.25 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:244 Resp: 865610

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	17.4	9.4	14.0#

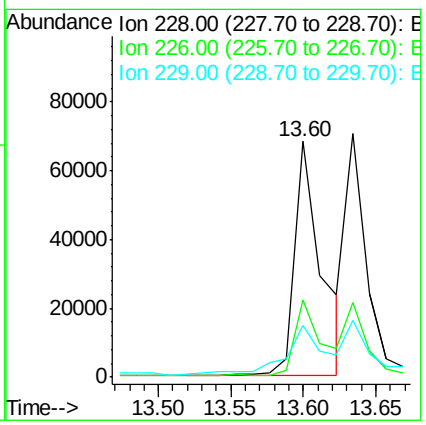


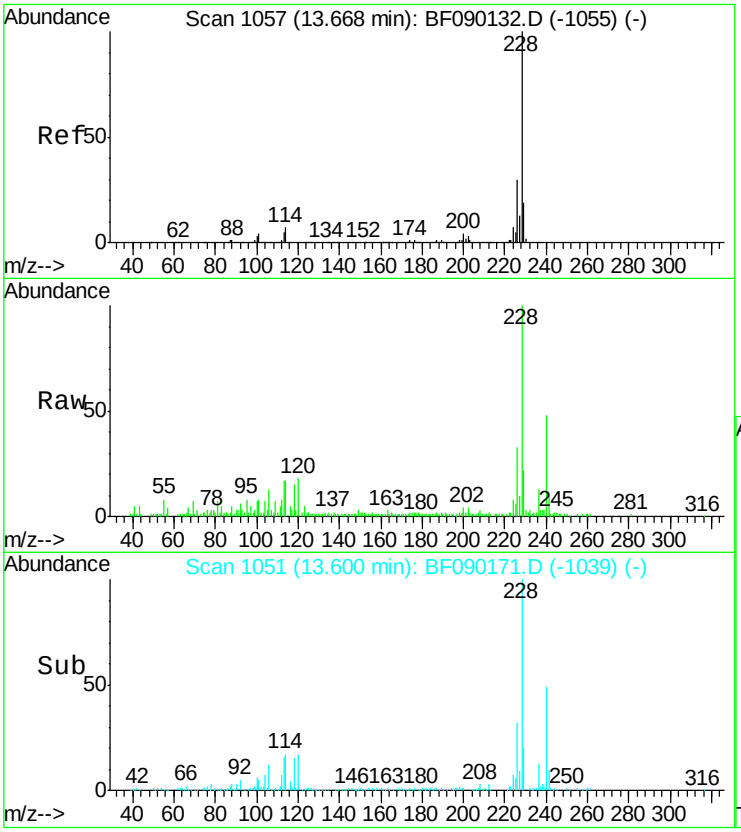


#80
Benzo(a)anthracene
Concen: 4.92 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:228 Resp: 87873

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



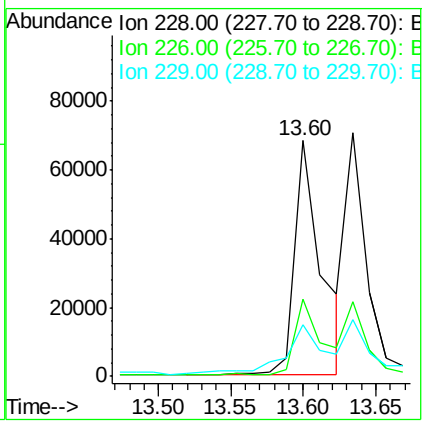


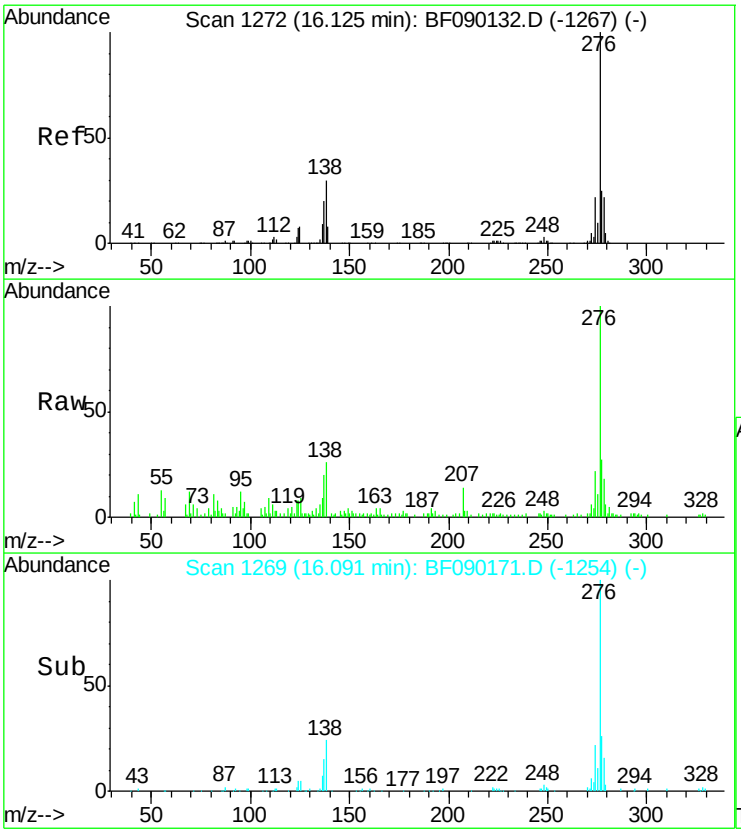
#82
Chrysene
Concen: 5.05 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.07 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:228 Resp: 87873

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.6	37.0
229	22.0	16.2	24.4

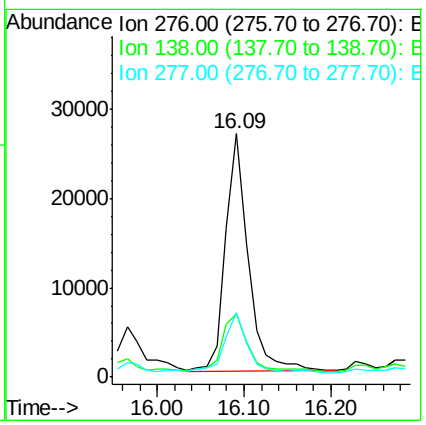


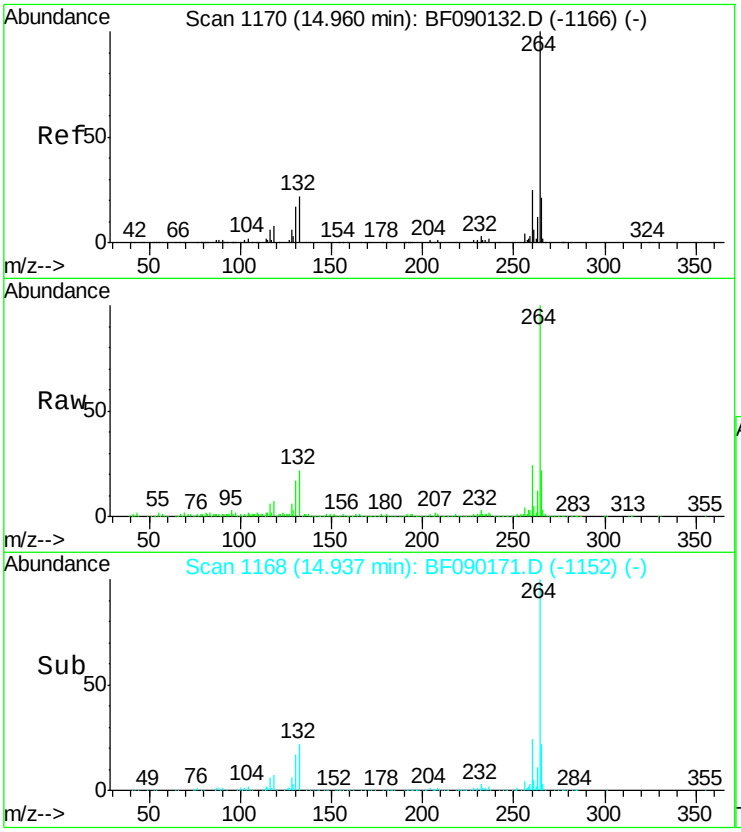


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.41 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:276 Resp: 47888

Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.9	38.9
277	24.4	19.9	29.9



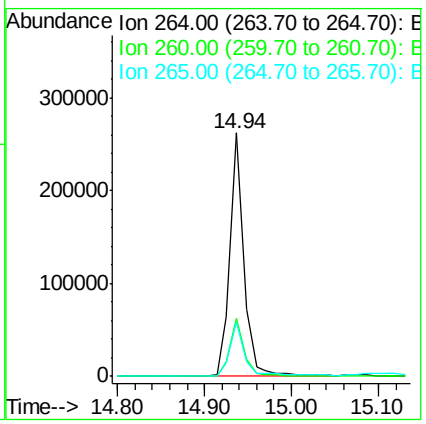


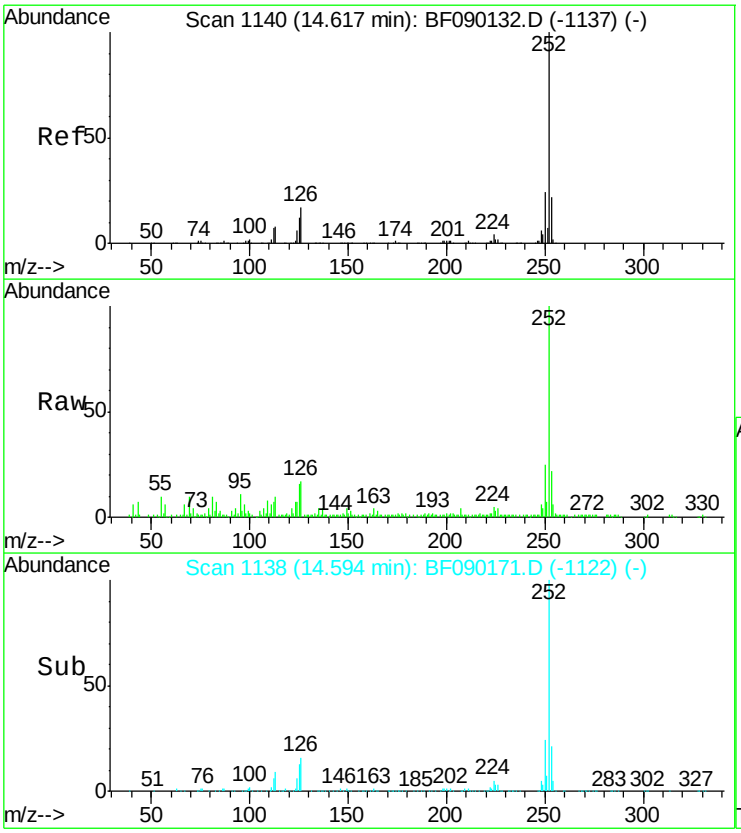
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:264 Resp: 296425

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.0	25.4

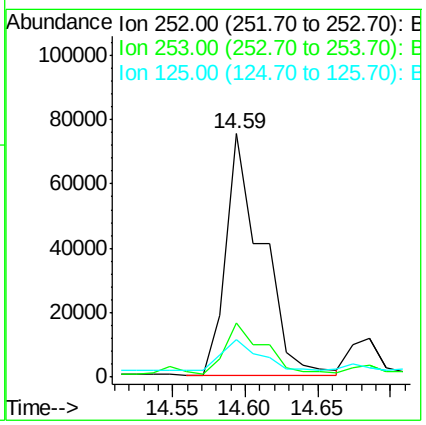


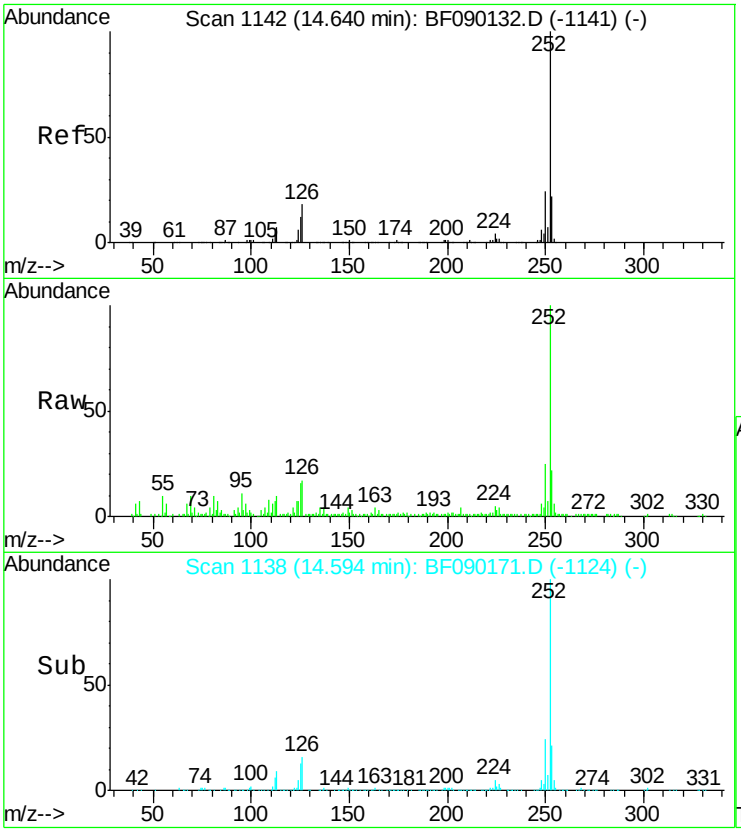


#87
Benzo(b)fluoranthene
Concen: 7.86 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:252 Resp: 128999

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	15.6	12.7	19.1



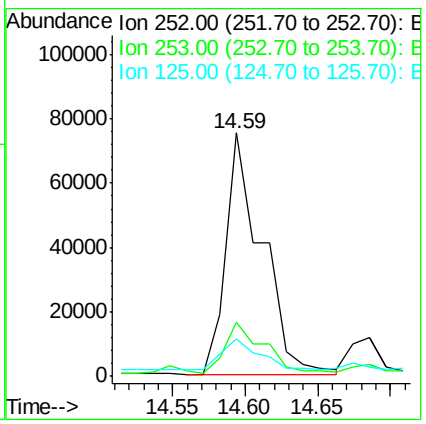


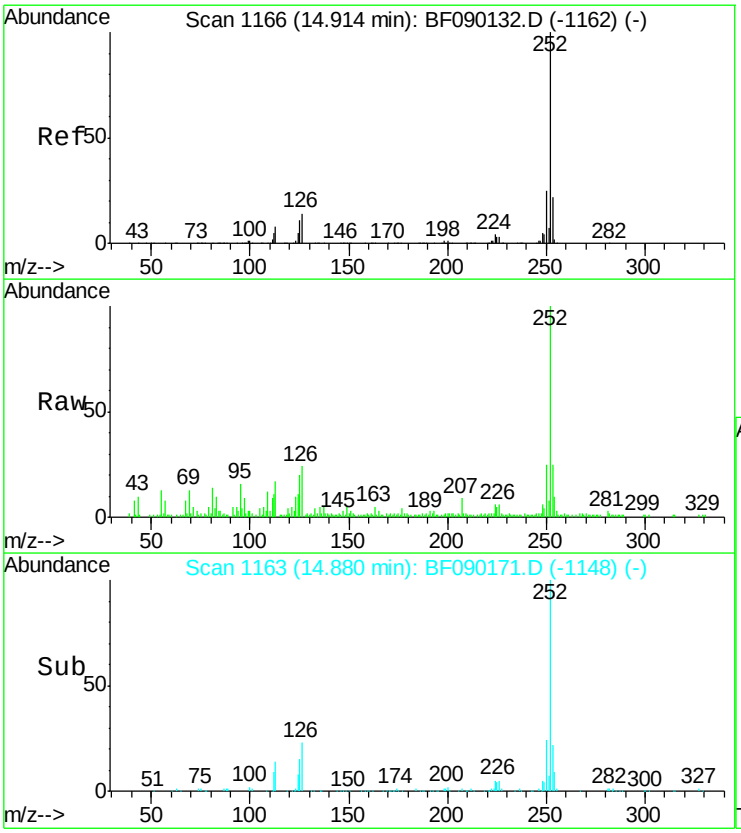
#88
Benzo(k)fluoranthene
Concen: 8.37 ng
RT: 14.59 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:252 Resp: 128999

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	15.6	7.8	11.6#

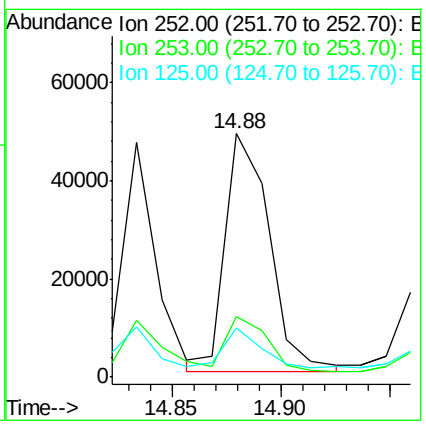


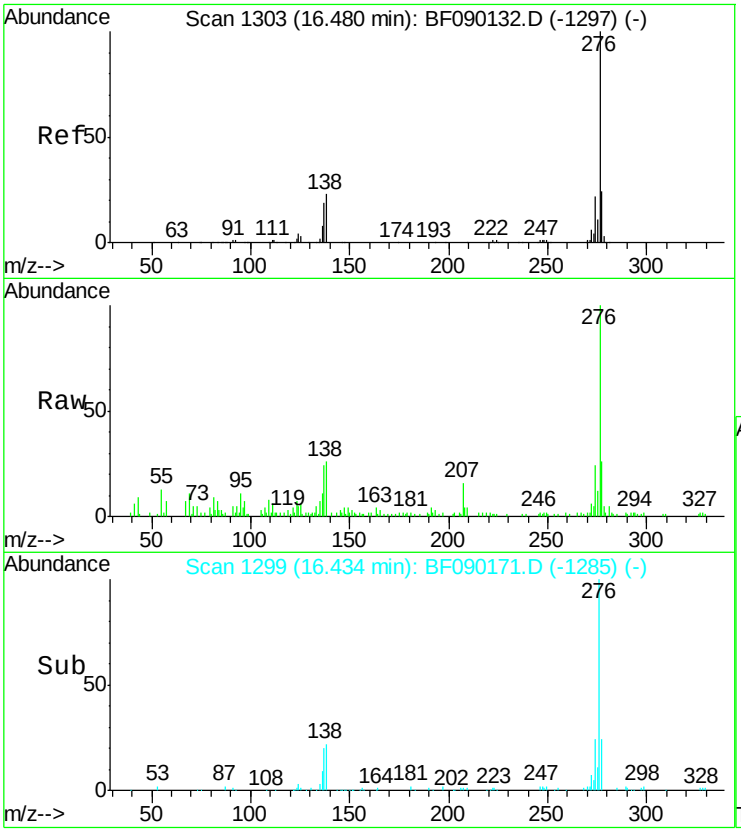


#89
Benzo(a)pyrene
Concen: 4.47 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Tgt Ion:252 Resp: 68956

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	20.0	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 4.20 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.05 min
Lab File: BF090171.D
Acq: 21 Sep 2016 20:46

Instrument :
BNA_F
ClientSampleId :
BH-2-0.5-2FT

Tgt Ion:276 Resp: 49554

Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.9	28.3
138	25.7	23.3	34.9