Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-1-1-2FT

Quant Time: Sep 22 07:13:15 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	151037	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	523697	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	270385	20.00	ng		-0.02
63) Phenanthrene-d10	11.00	188	451915	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	329721	20.00	ng		-0.02
86) Perylene-d12	14.94	264	297008	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	959439	103.54	ng		0.00
7) Phenol-d6	6.16	99	1176189	102.78	ng		-0.01
23) Nitrobenzene-d5	7.07	82	598417	66.24	ng		-0.02
41) 2,4,6-Tribromophenol	10.32	330	243184	104.84	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1187169	86.20	ng		-0.01
78) Terphenyl-d14	12.58	244	984704	75.82	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.28	163	435976	25.32	ng		99
70) Phenanthrene	11.03	178	251160	11.88	ng		98
71) Anthracene	11.07	178	65682	2.96	ng		96
74) Fluoranthene	12.21	202	486883	21.46	ng		92
77) Pyrene	12.42	202	435817	19.32	ng		97
80) Benzo(a)anthracene	13.60	228	190679	10.75	ng	#	92
82) Chrysene	13.63	228	154792m	8.96	ng		
85) Indeno(1,2,3-cd)pyrene	16.09	276	106119	7.60	ng	#	93
87) Benzo(b)fluoranthene	14.59	252	194609m	11.83	ng		
88) Benzo(k)fluoranthene	14.61	252	77274m	5.01	ng		
89) Benzo(a)pyrene	14.88	252	147811	9.55	ng	#	90
91) Benzo(g,h,i)perylene	16.43	276	102406	8.67	ng		96

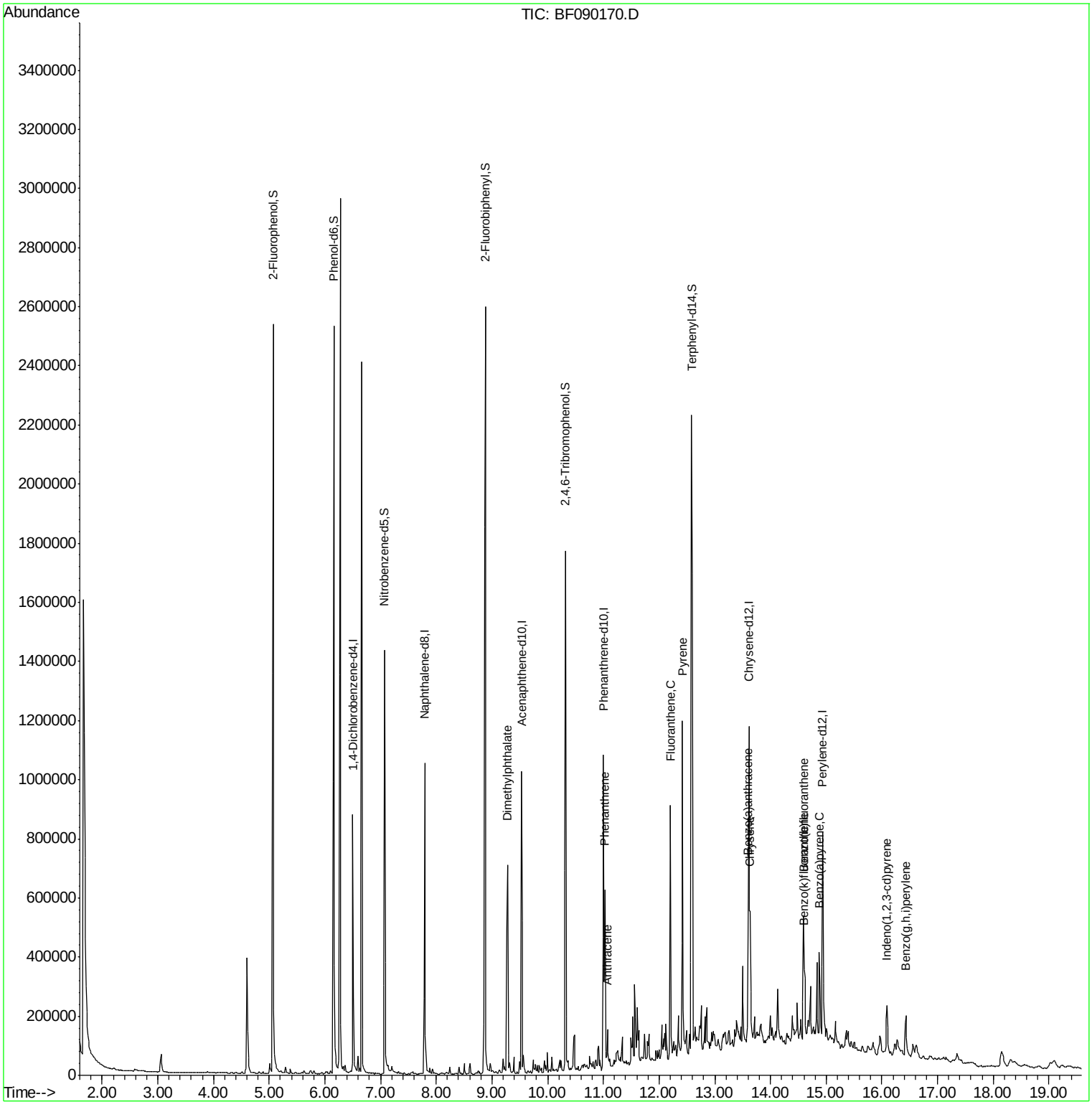
(#) = qualifier out of range (m) = manual integration (+) = signals summed

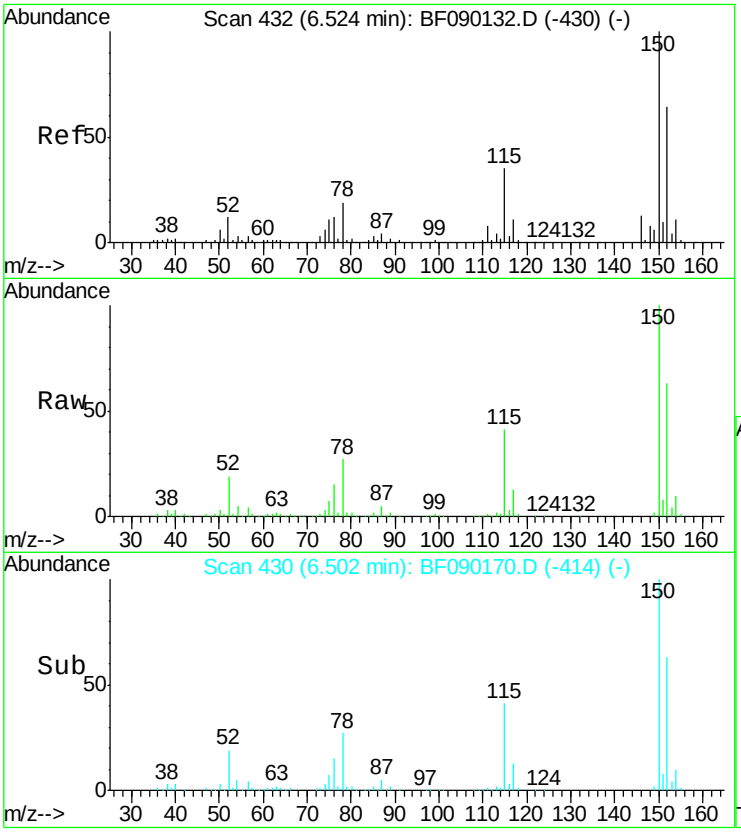
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090170.D
Acq On : 21 Sep 2016 20:18
Operator : UM/SJ
Sample : H4856-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Quant Time: Sep 22 07:13:15 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



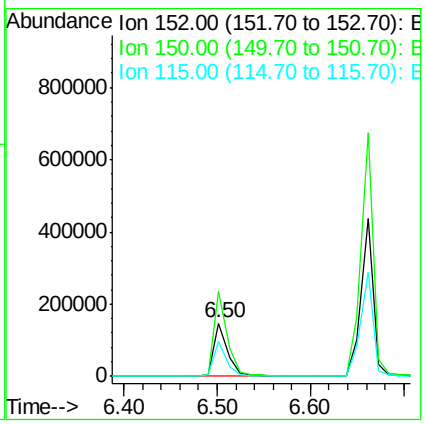


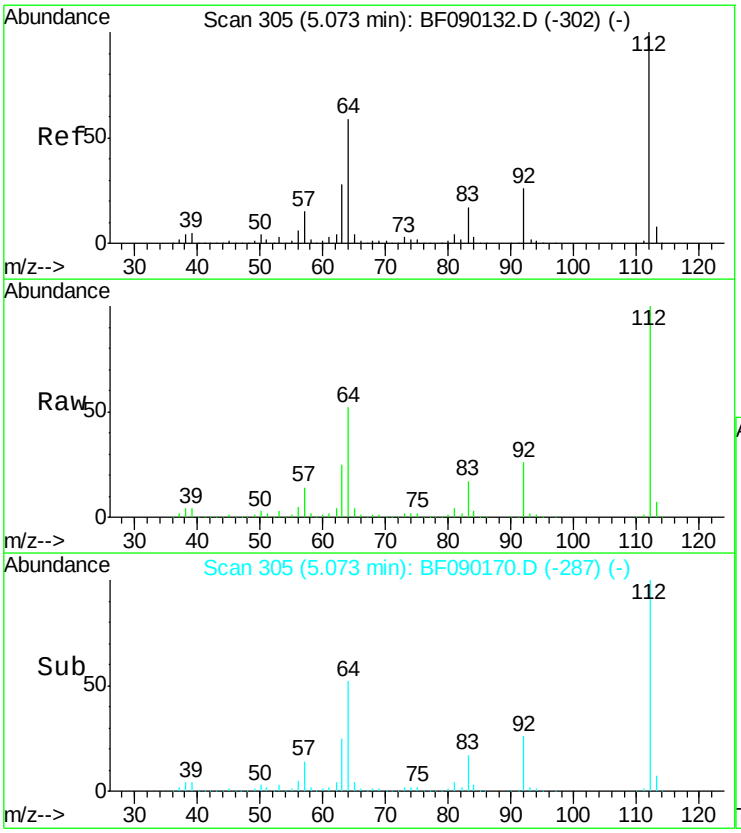
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:152 Resp: 151037

Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	64.9	55.5	83.3

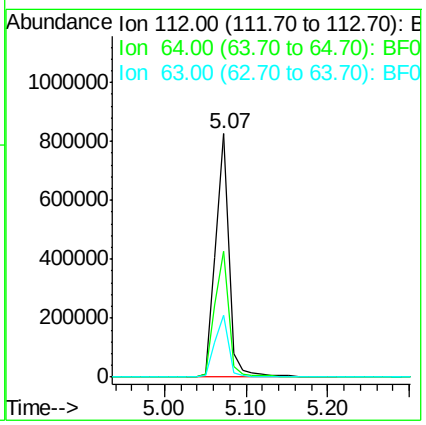


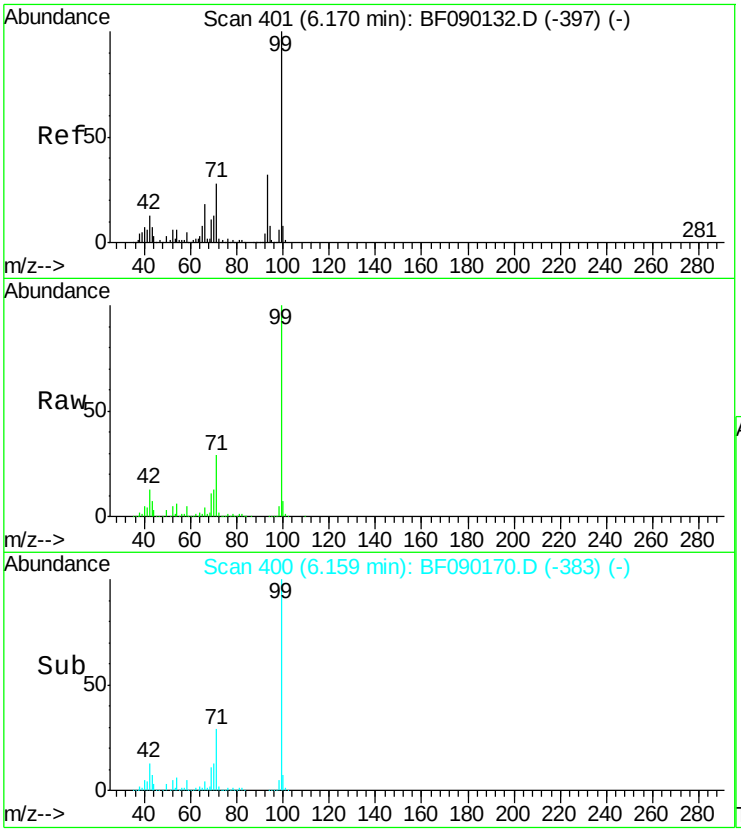


#5
2-Fluorophenol
Concen: 103.54 ng
RT: 5.07 min Scan# 305
Delta R.T. 0.00 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:112 Resp: 959439

Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.8	59.6
63	25.4	18.9	28.3



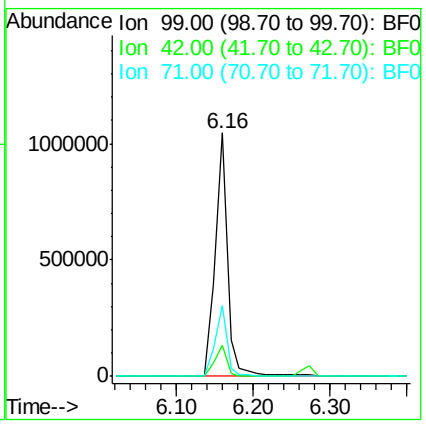


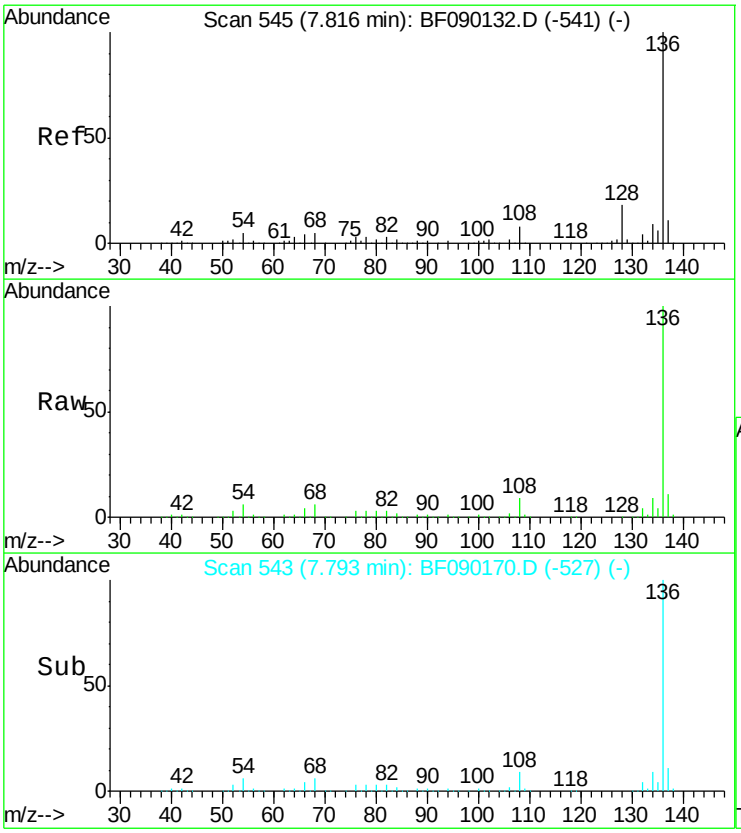
#7
Phenol-d6
Concen: 102.78 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion: 99 Resp: 1176189

Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.6	15.8
71	29.3	23.0	34.6

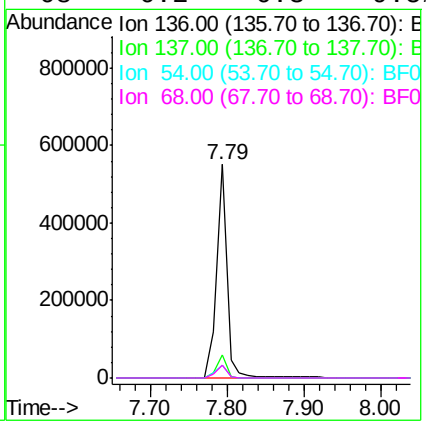


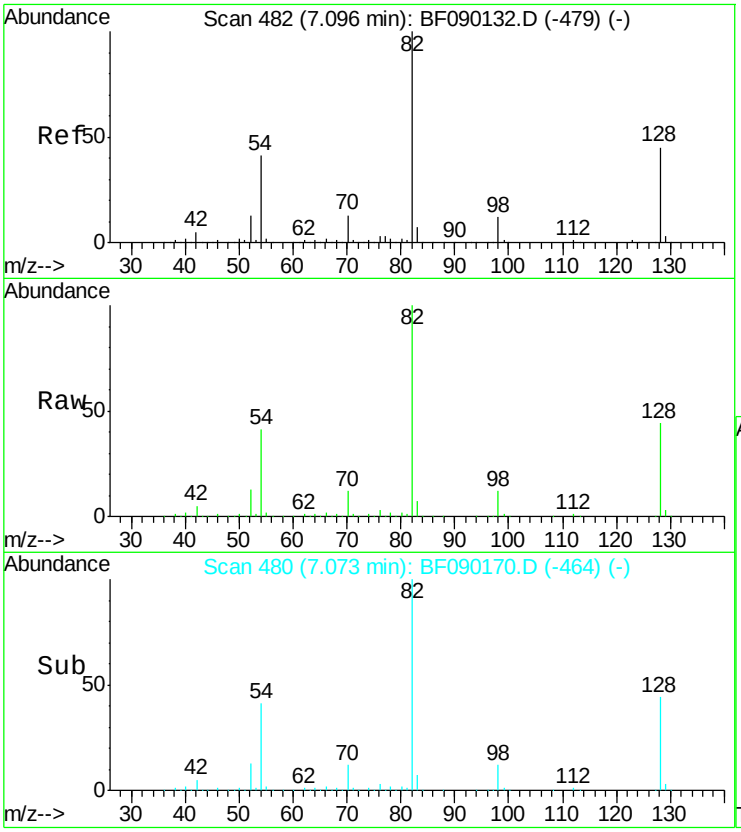


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:136 Resp: 523697

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.2	6.4	9.6#
68	6.2	6.3	9.5#



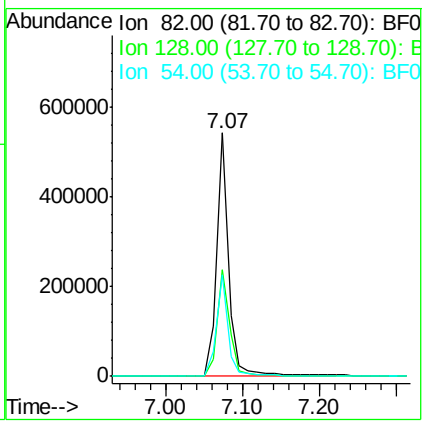


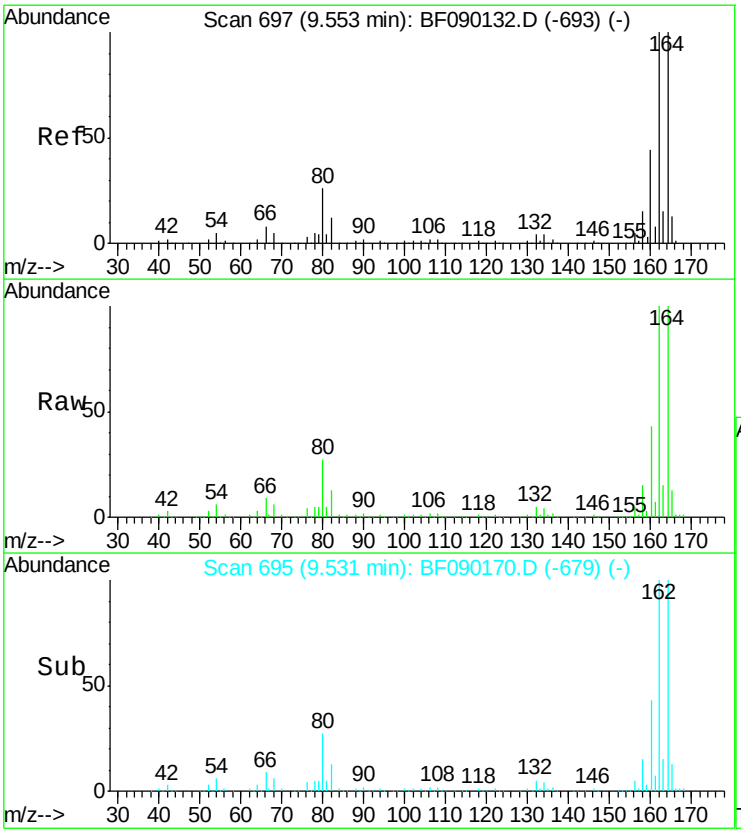
#23
Nitrobenzene-d5
Concen: 66.24 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion: 82 Resp: 598417

Ion	Ratio	Lower	Upper
82	100		
128	43.6	37.5	56.3
54	41.5	31.9	47.9

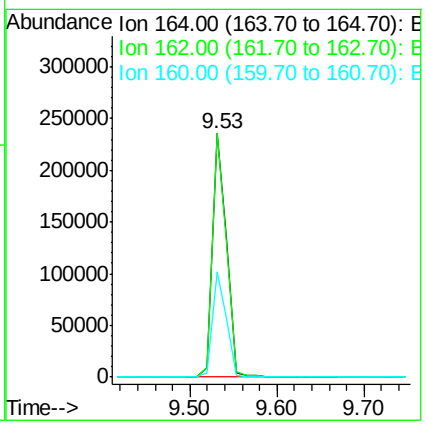


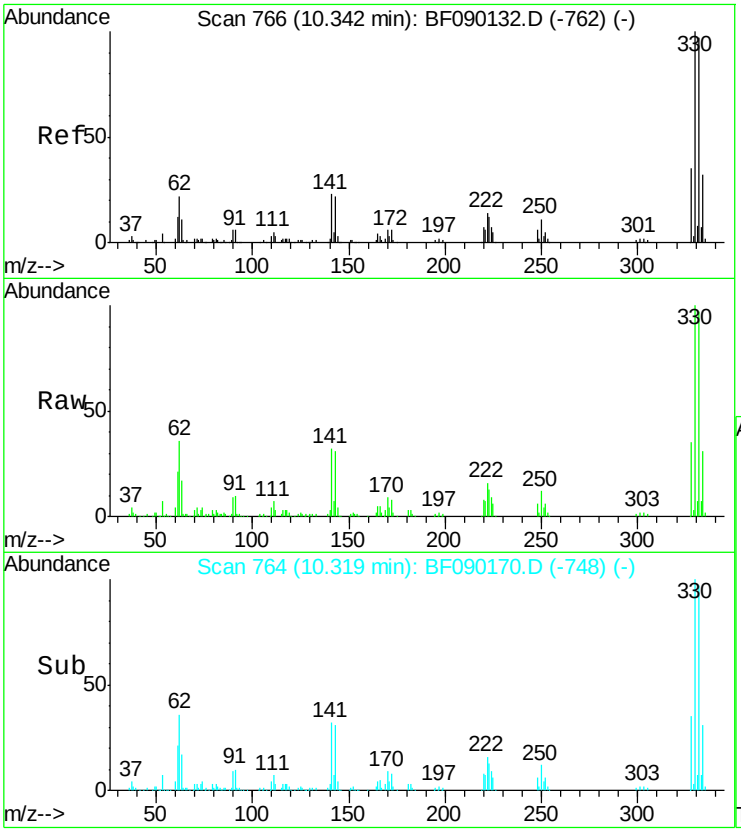


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:164 Resp: 270385

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.4	122.2
160	43.4	36.6	54.8



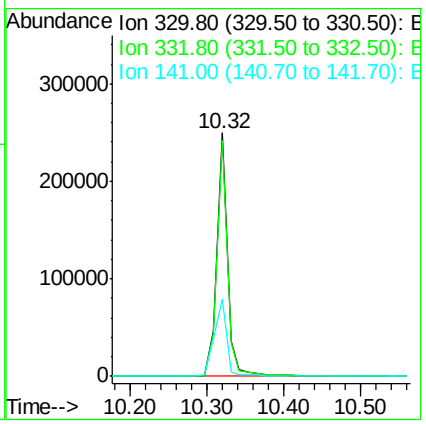


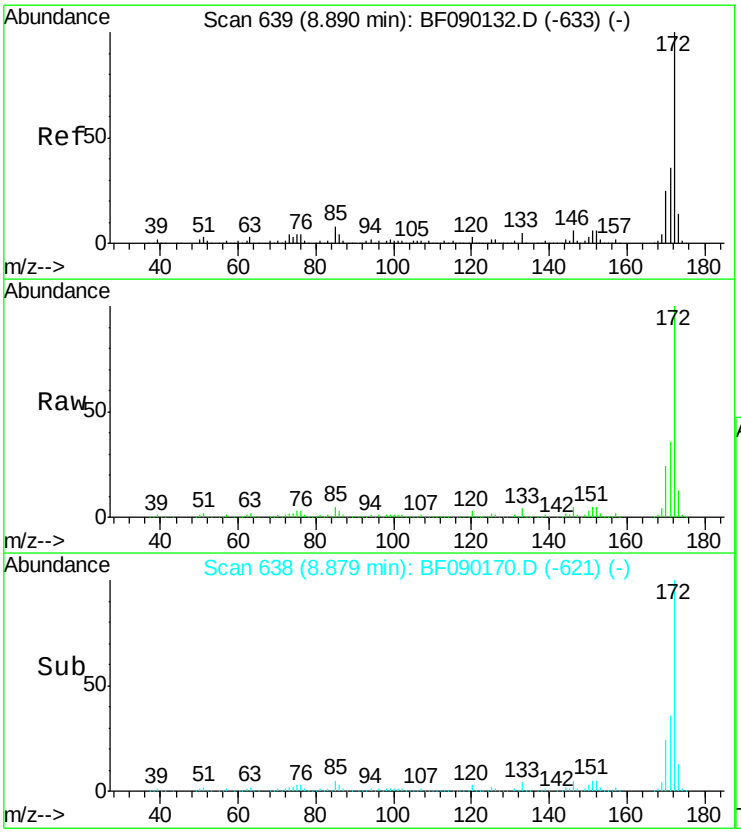
#41
2,4,6-Tribromophenol
Concen: 104.84 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:330 Resp: 243184

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.1	117.1
141	35.9	23.9	35.9#

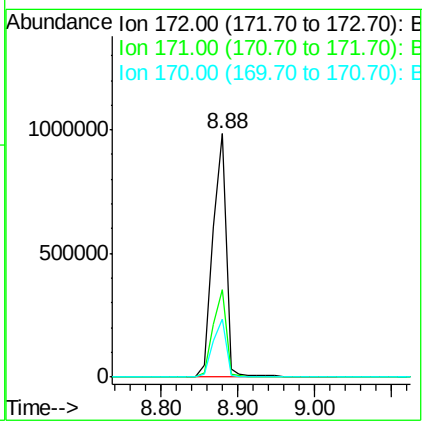


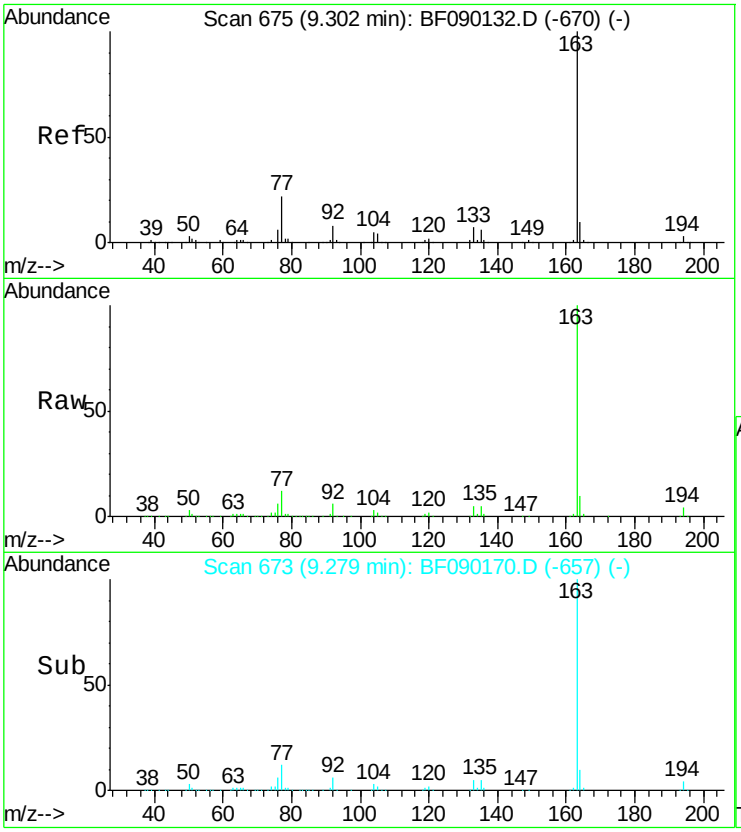


#44
2-Fluorobiphenyl
Concen: 86.20 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:172 Resp: 1187169

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	24.0	19.8	29.8



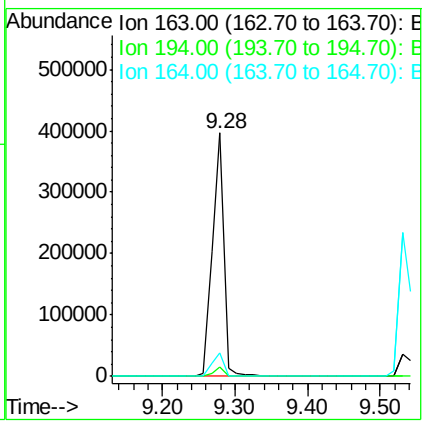


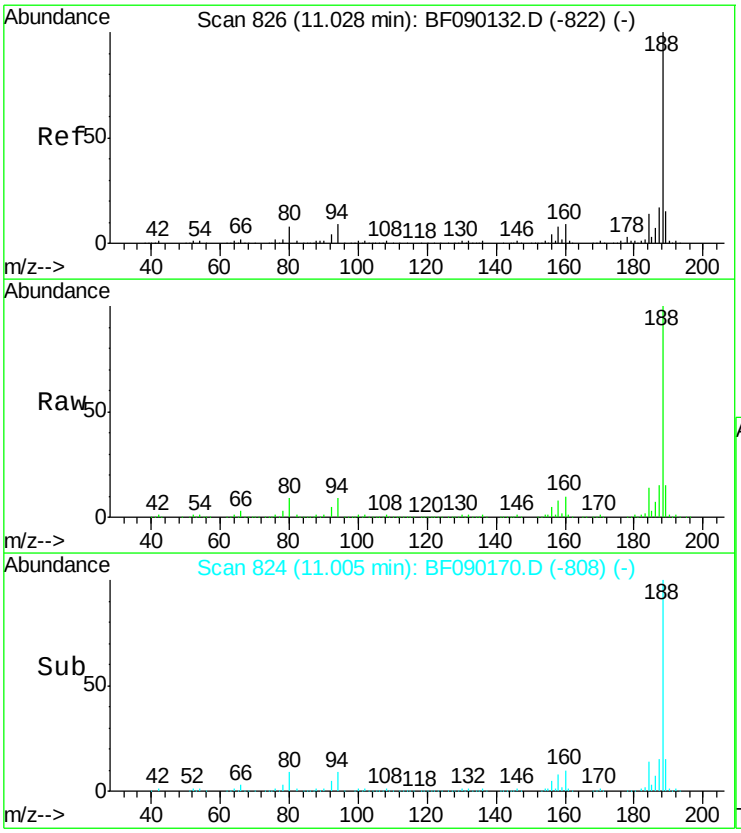
#49
Dimethylphthalate
Concen: 25.32 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:163 Resp: 435976

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

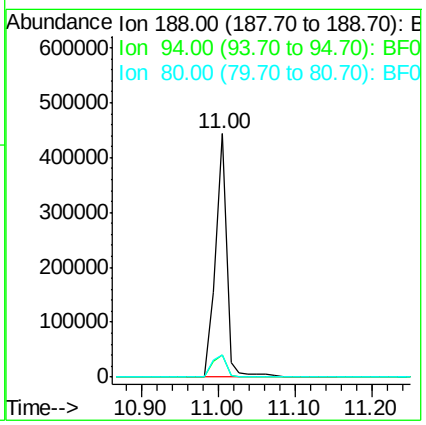


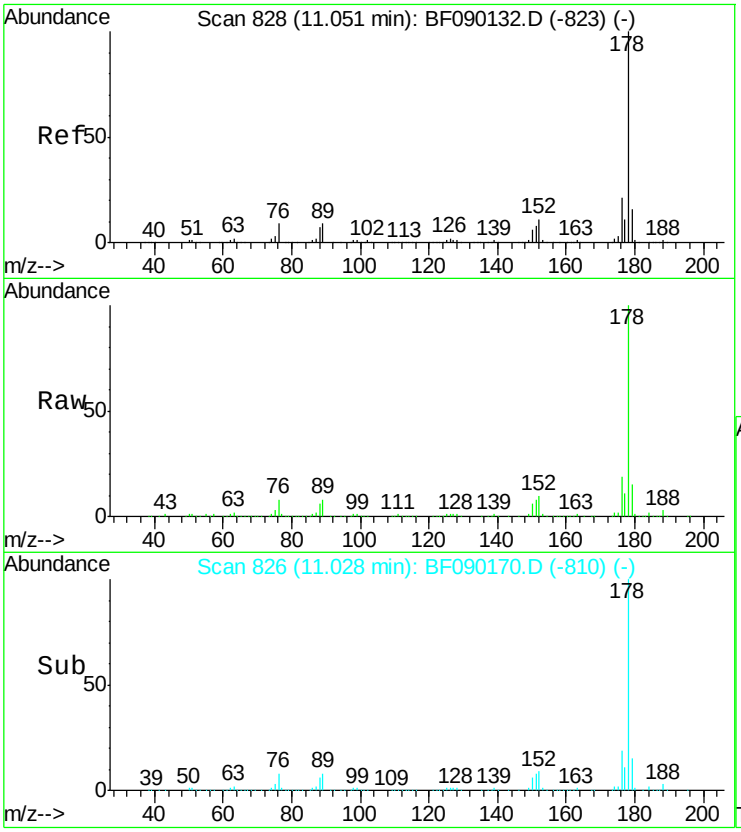


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:188 Resp: 451915

Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.5	15.7#
80	9.3	11.2	16.8#



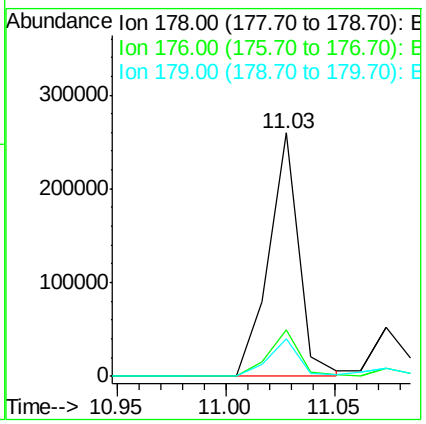


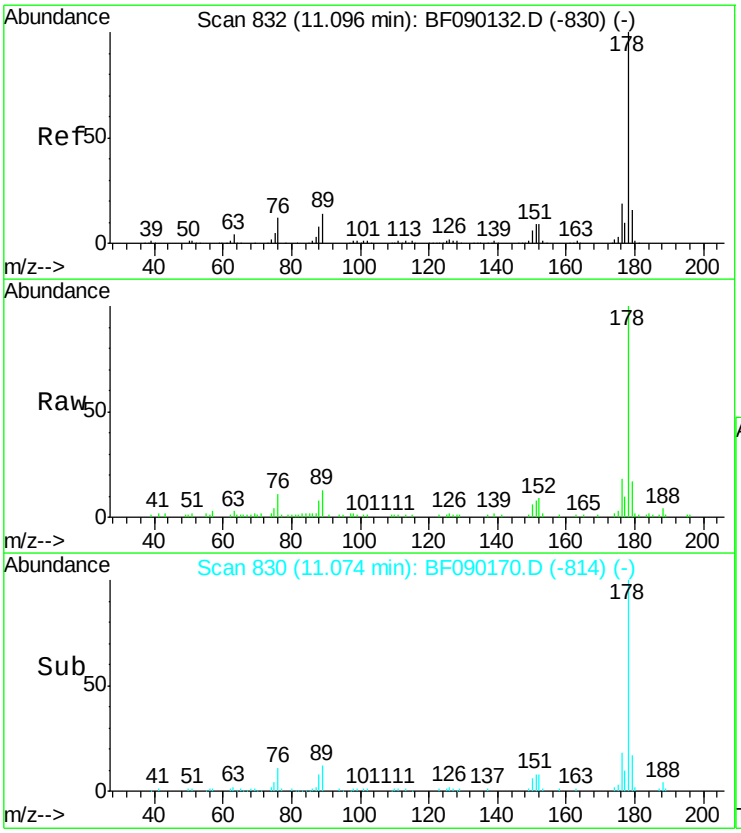
#70
Phenanthrene
Concen: 11.88 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:178 Resp: 251160

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	15.5	12.9	19.3

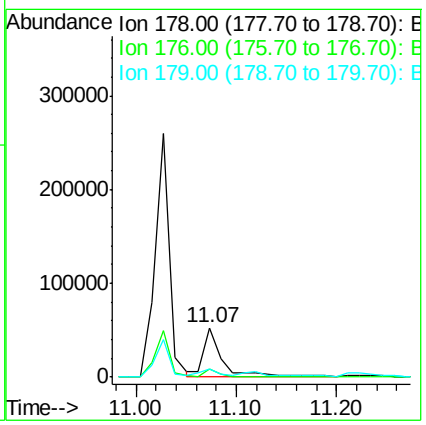


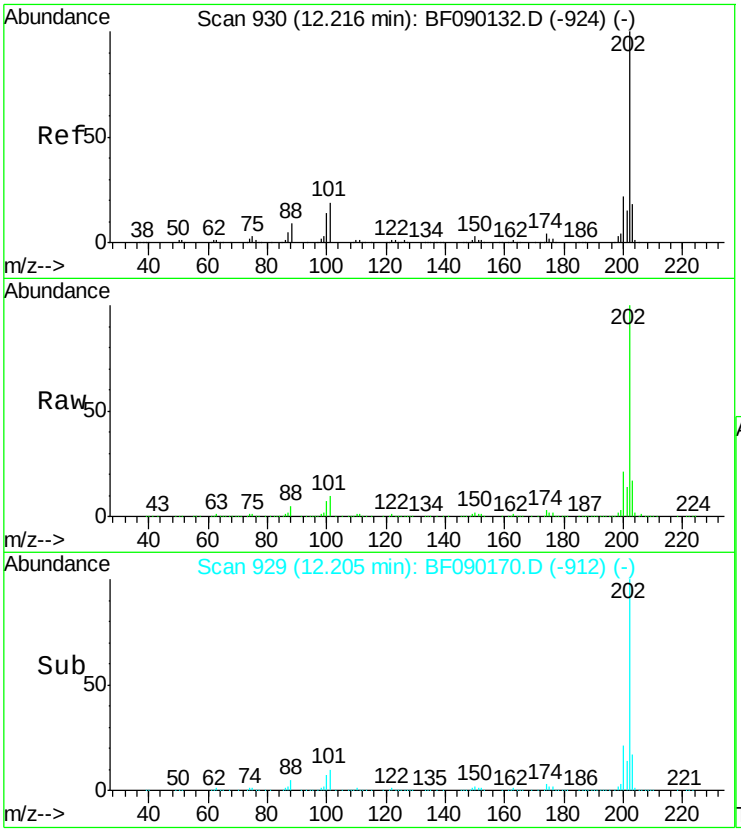


#71
Anthracene
Concen: 2.96 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:178 Resp: 65682

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.8	23.6
179	17.2	12.6	19.0



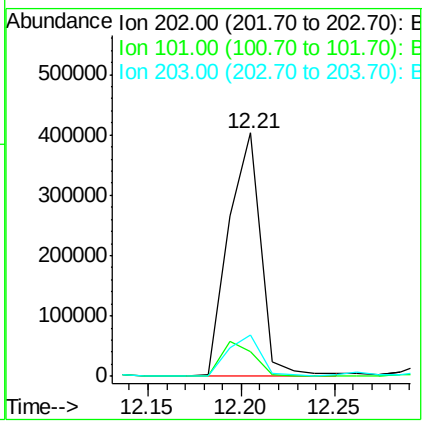


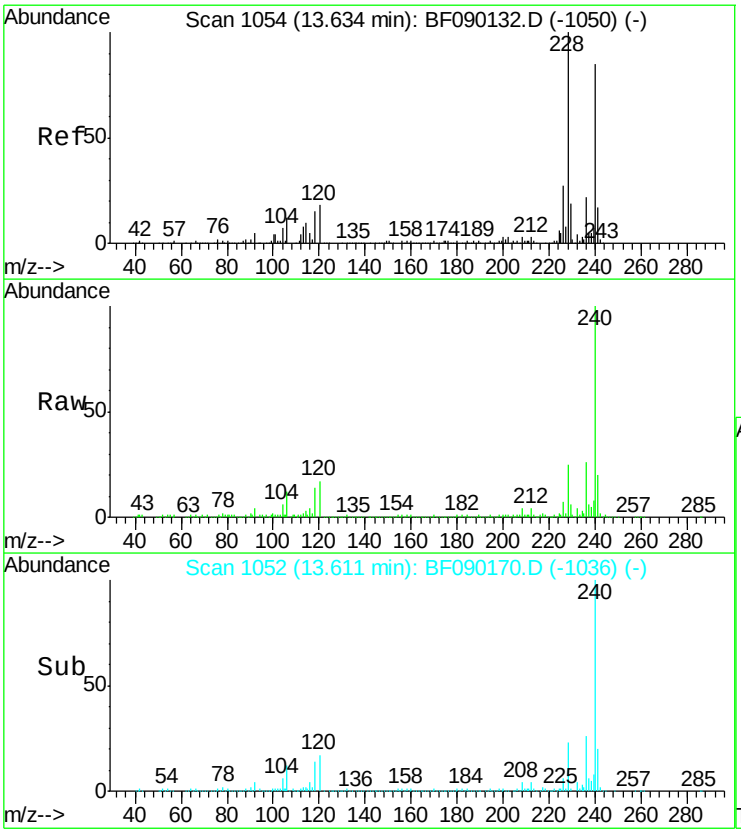
#74
Fluoranthene
Concen: 21.46 ng
RT: 12.21 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:202 Resp: 486883

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	36.1
203	17.1	0.0	38.2

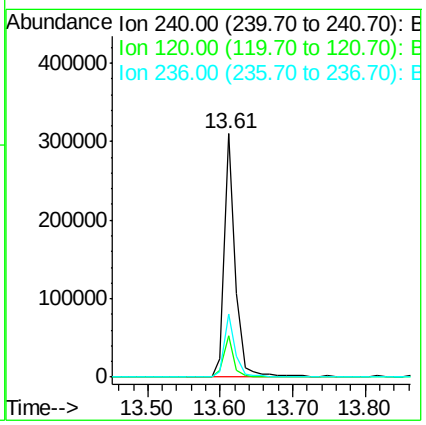


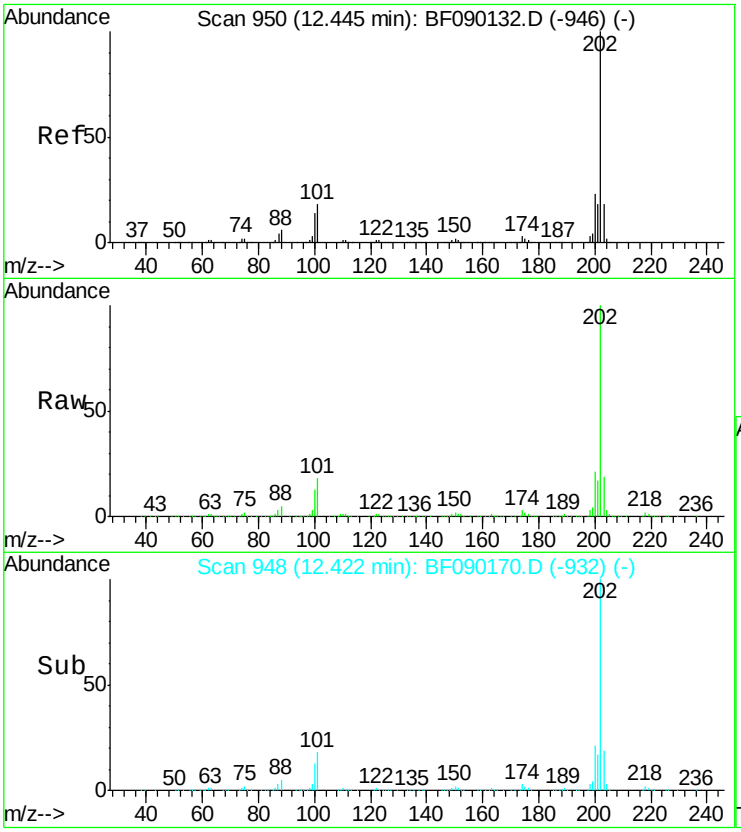


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:240 Resp: 329721

Ion	Ratio	Lower	Upper
240	100		
120	17.0	10.6	16.0#
236	25.8	21.6	32.4



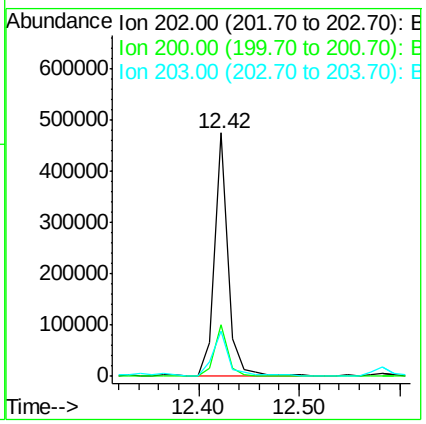


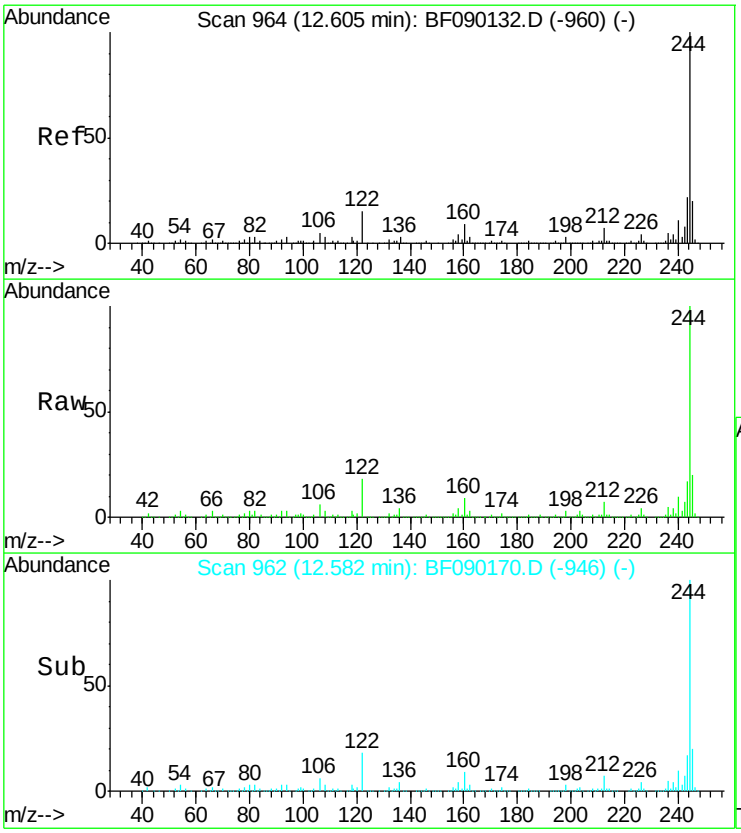
#77
Pyrene
Concen: 19.32 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:202 Resp: 435817

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.9	26.9
203	18.8	14.2	21.4

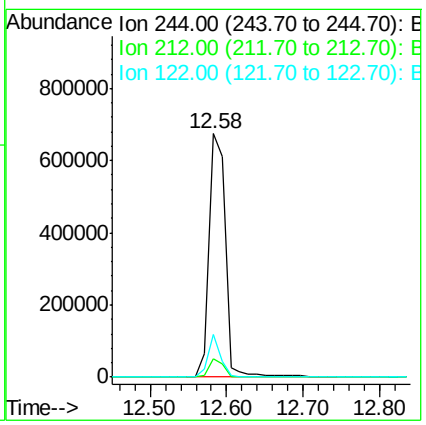


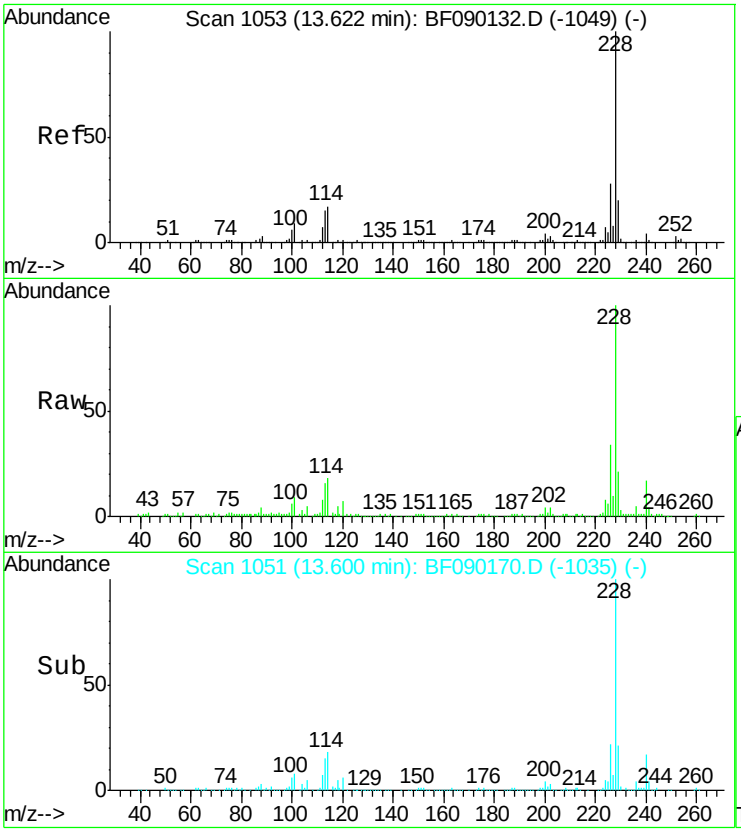


#78
Terphenyl-d14
Concen: 75.82 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:244 Resp: 984704

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	17.8	9.4	14.0#



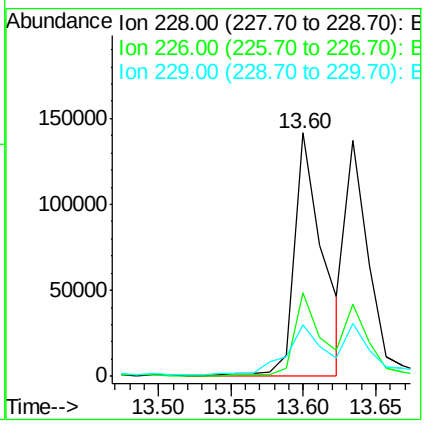


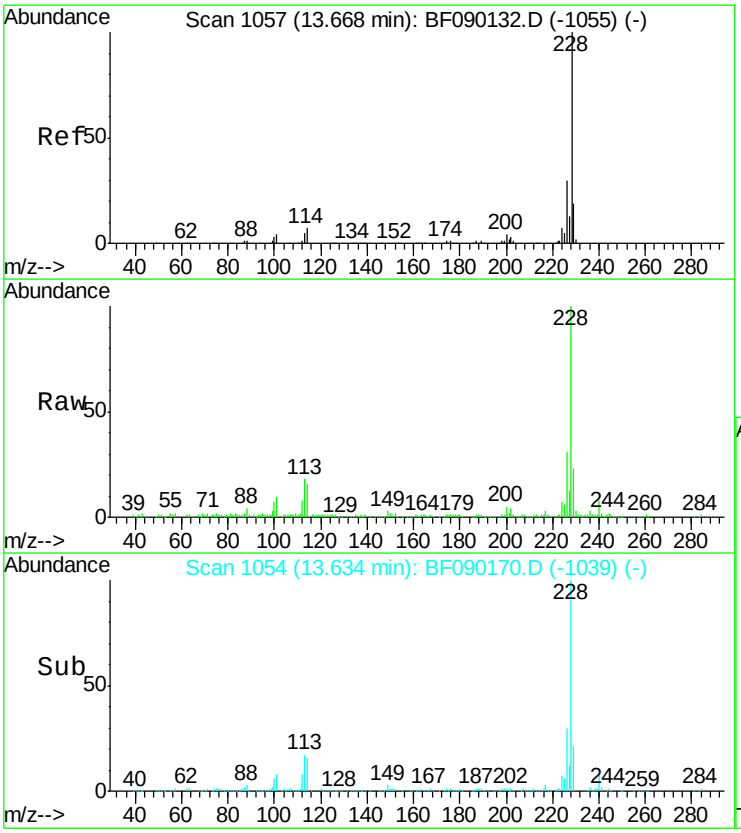
#80
Benzo(a)anthracene
Concen: 10.75 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:228 Resp: 190679

Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.0	33.0#
229	21.4	16.2	24.2

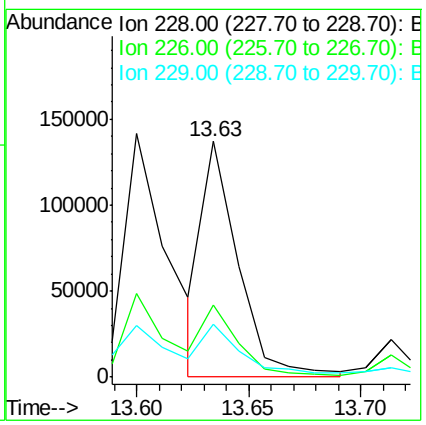


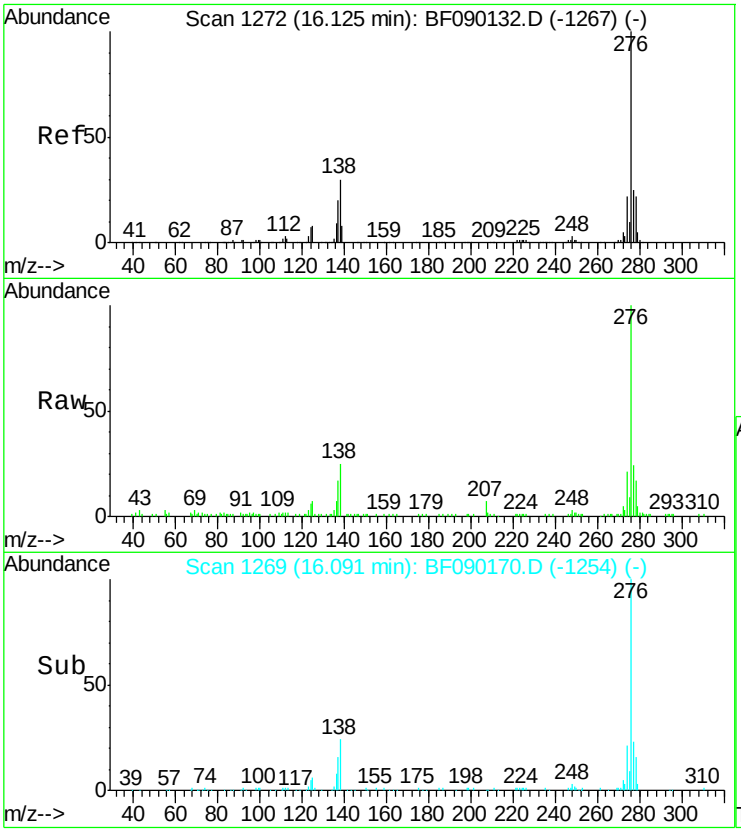


#82
Chrysene
Concen: 8.96 ng m
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:228 Resp: 154792

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	22.6	16.2	24.4



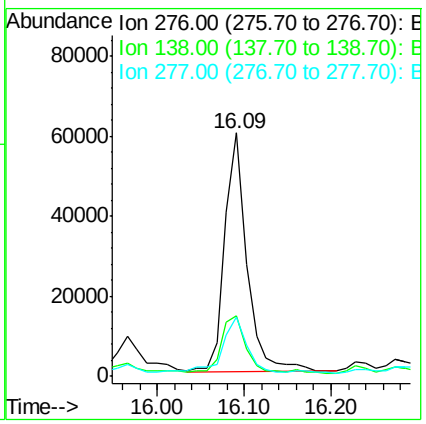


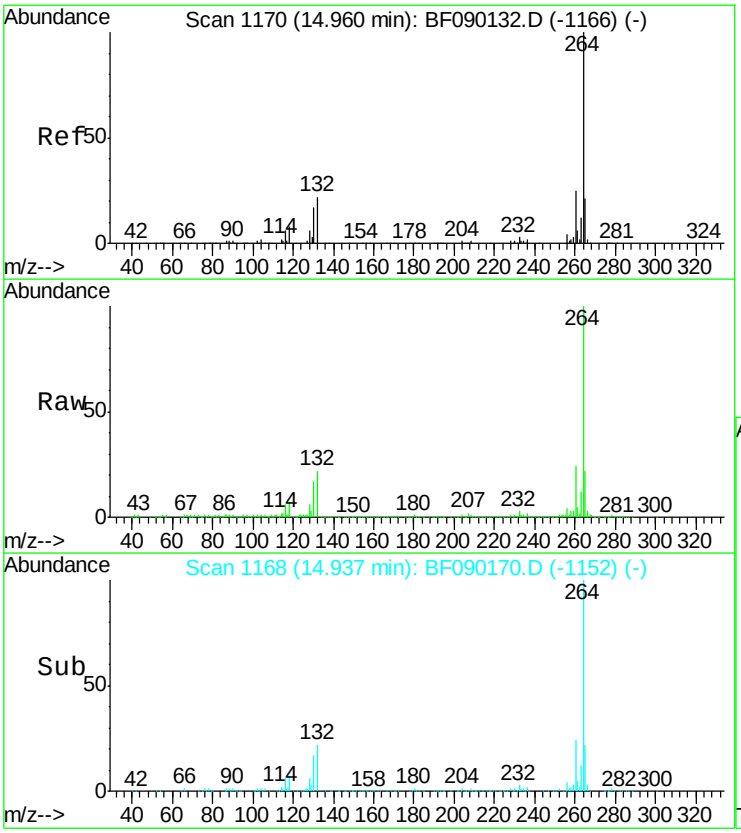
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.60 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:276 Resp: 106119

Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.9	38.9#
277	25.0	19.9	29.9

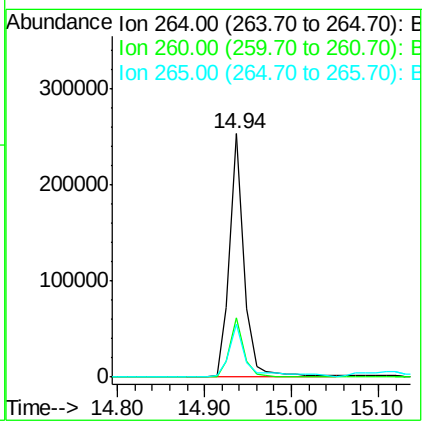


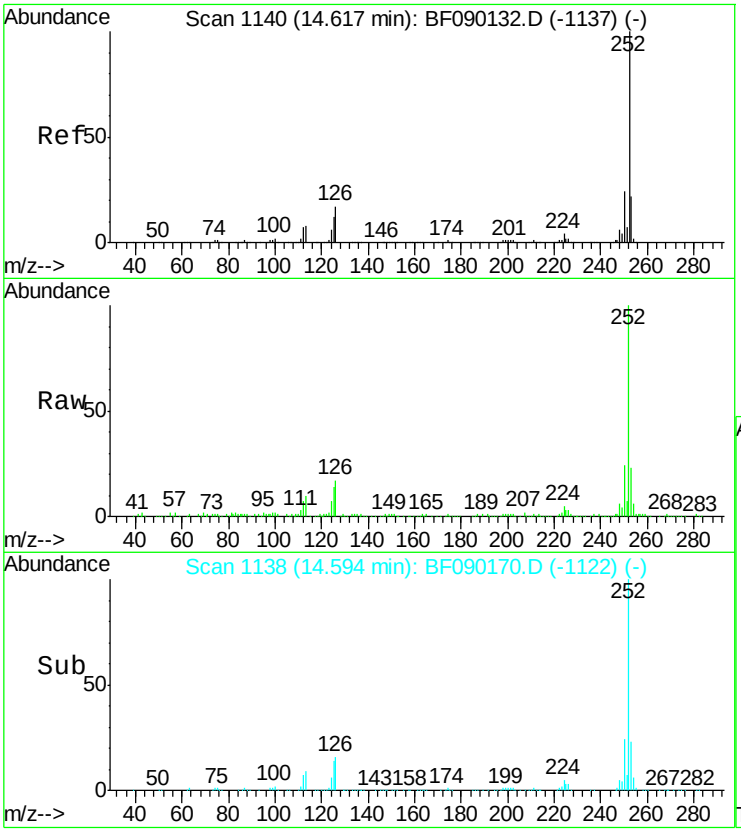


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:264 Resp: 297008

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.0	17.0	25.4



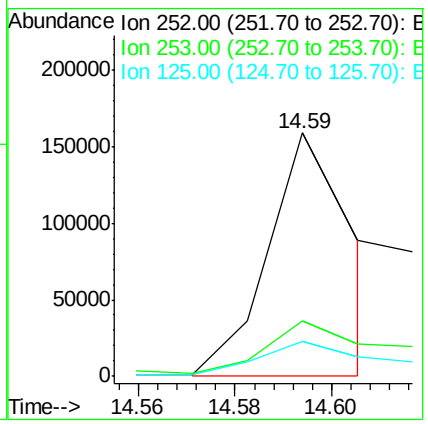


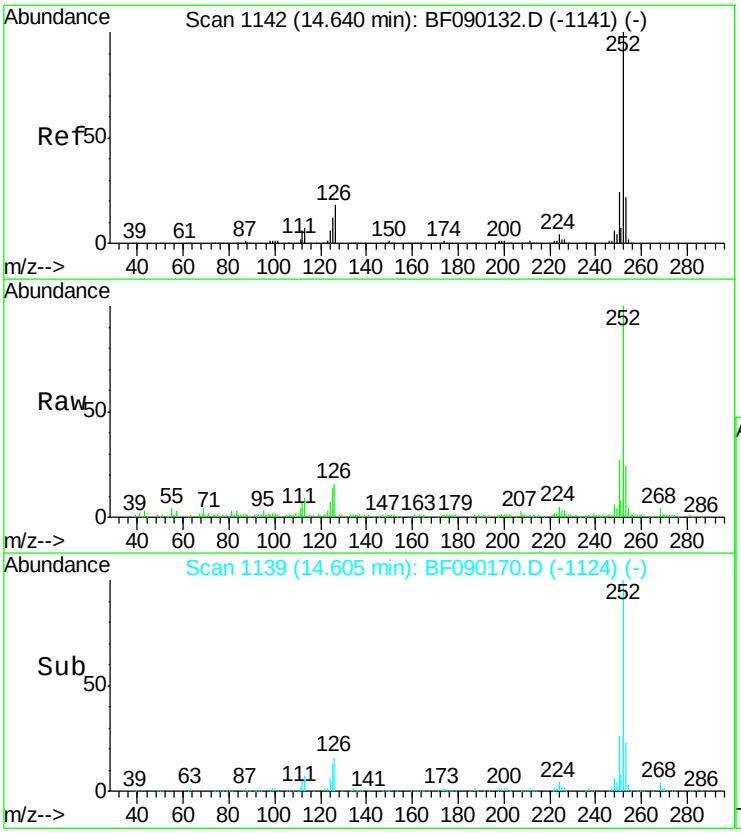
#87
Benzo(b)fluoranthene
Concen: 11.83 ng m
RT: 14.59 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:252 Resp: 194609

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	14.4	12.7	19.1

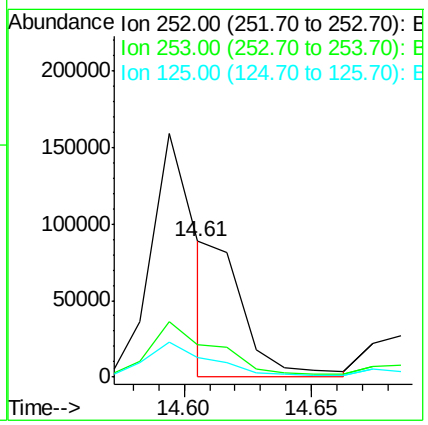


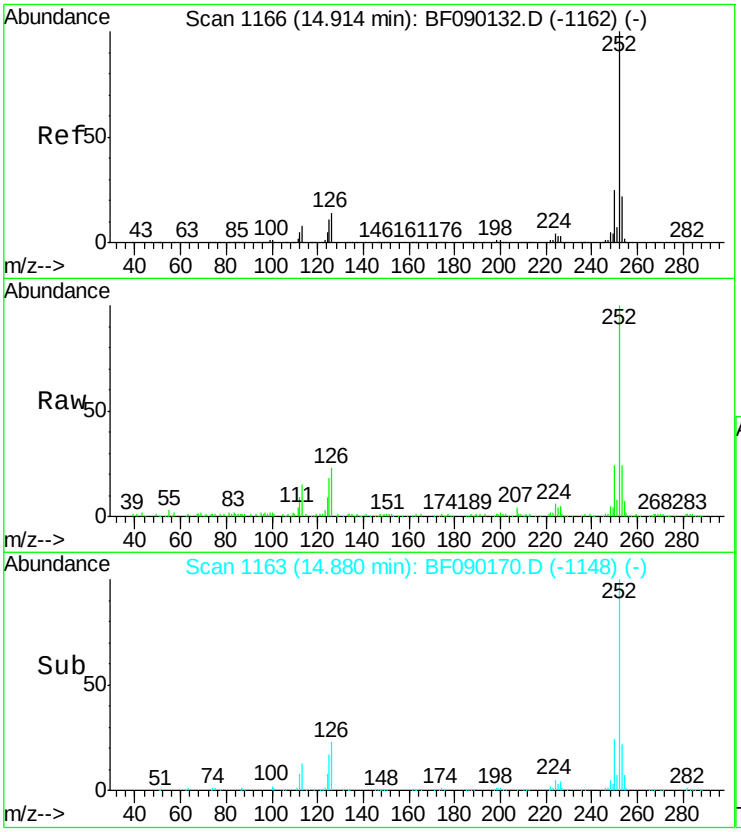


#88
Benzo(k)fluoranthene
Concen: 5.01 ng m
RT: 14.61 min Scan# 1139
Delta R.T. -0.03 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:252 Resp: 77274

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.1	7.8	11.6#



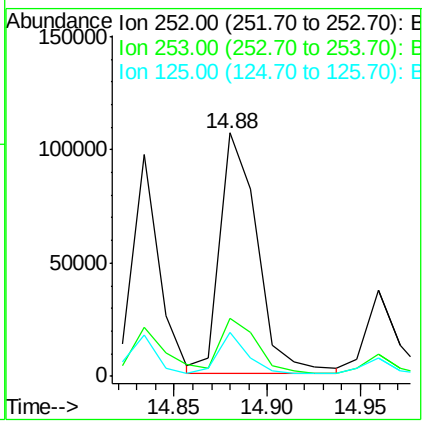


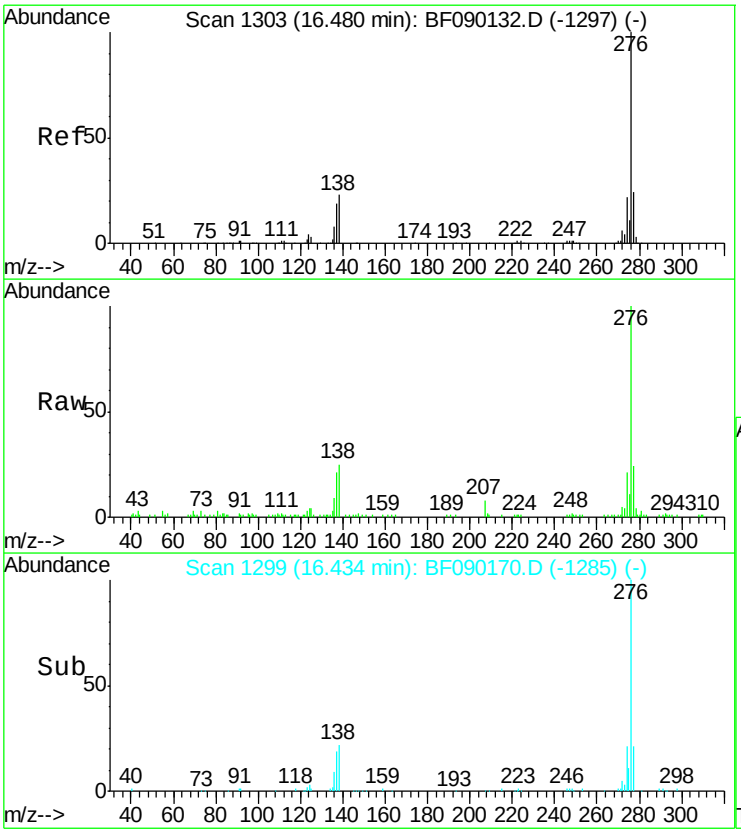
#89
Benzo(a)pyrene
Concen: 9.55 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Instrument :
BNA_F
ClientSampleId :
BH-1-1-2FT

Tgt Ion:252 Resp: 147811

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	18.0	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 8.67 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.05 min
Lab File: BF090170.D
Acq: 21 Sep 2016 20:18

Tgt Ion:276 Resp: 102406

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.9	28.3
138	25.0	23.3	34.9