Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF090816\
Data File : BF090024.D
Acq On : 8 Sep 2016 15:04
Operator : UM/SJ
Sample : H4680-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BH-16-0-1FT

Quant Time: Sep 08 16:14:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 08 16:07:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	190054	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	803270	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	414460	20.00	ng		0.00
63) Phenanthrene-d10	11.11	188	758239	20.00	ng		0.00
75) Chrysene-d12	13.73	240	509591	20.00	ng		0.00
86) Perylene-d12	15.06	264	480102	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1117578	94.12	ng		0.01
7) Phenol-d6	6.25	99	1460863	101.26	ng		0.00
23) Nitrobenzene-d5	7.16	82	832786	60.13	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	370266	90.55	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	1708699	67.68	ng		0.00
78) Terphenyl-d14	12.69	244	1243212	60.27	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	109542	11.65	ng	#	84
25) Isophorone	7.16	82	714032	25.35	ng	#	65
37) 2-Methylnaphthalene	8.59	142	57075	2.16	ng		96
49) Dimethylphthalate	9.37	163	993992	33.18	ng		98
55) 4-Nitrophenol	9.84	139	18286	3.19	ng	#	42
59) Diethylphthalate	10.06	149	277360	9.84	ng		96
66) 4-Bromophenyl-phenylether	10.41	248	23736	3.11	ng	#	1
70) Phenanthrene	11.13	178	292949	7.76	ng		97
71) Anthracene	11.18	178	94389	2.46	ng		98
73) Di-n-butylphthalate	11.67	149	171864	4.11	ng		100
74) Fluoranthene	12.31	202	570221	14.41	ng		99
77) Pyrene	12.53	202	455025	12.66	ng		99
80) Benzo(a)anthracene	13.71	228	248507	7.96	ng		96
82) Chrysene	13.71	228	248507	8.52	ng		97
83) Bis(2-ethylhexyl)phthalate	13.73	149	55813	2.78	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.26	276	106087	4.92	ng		94
87) Benzo(b)fluoranthene	14.70	252	363383	12.08	ng	#	95
88) Benzo(k)fluoranthene	14.70	252	363383	14.24	ng	#	95
89) Benzo(a)pyrene	15.01	252	176872	6.86	ng	#	97
91) Benzo(g,h,i)perylene	16.63	276	89342	4.70	ng		97

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

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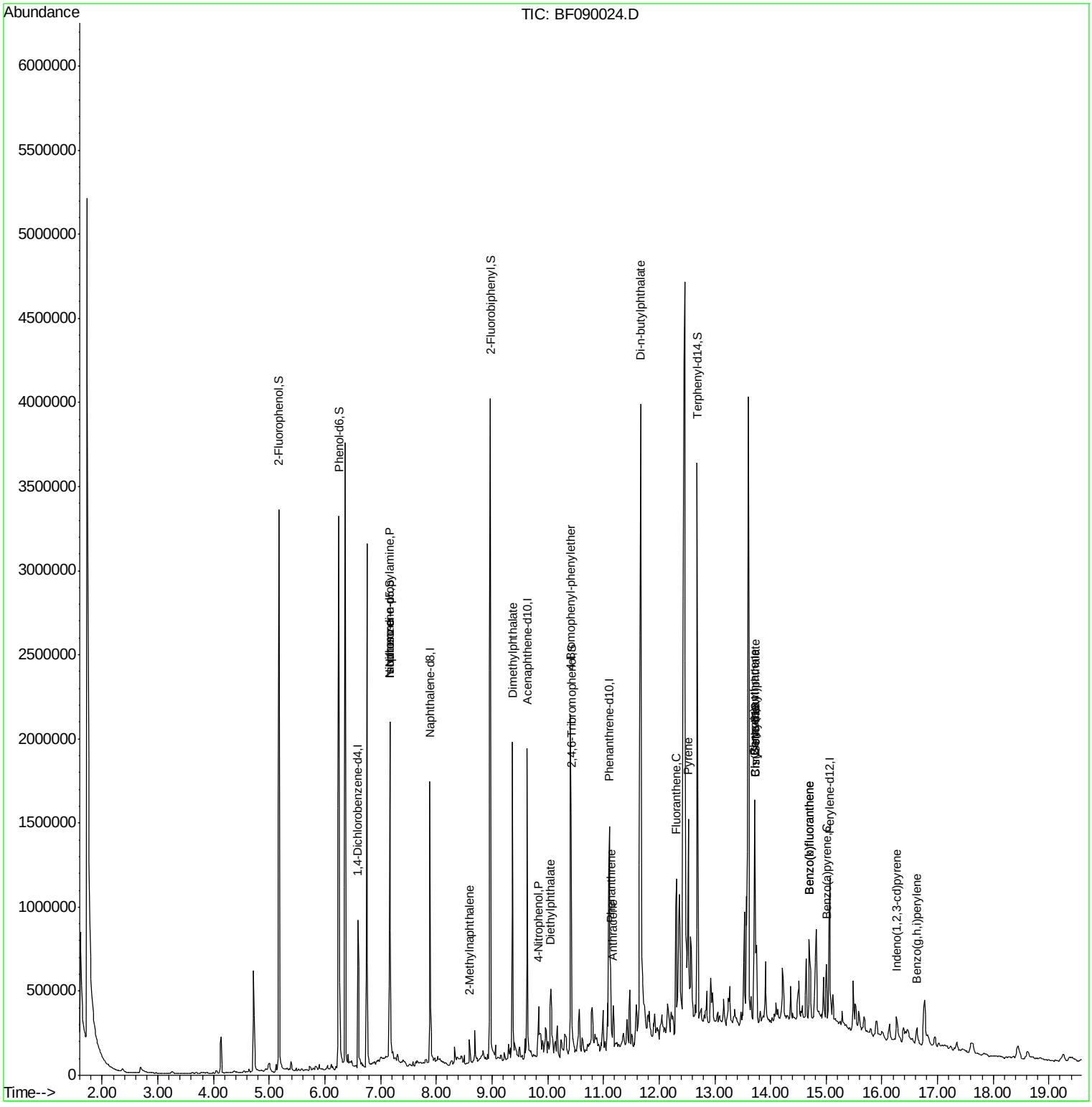
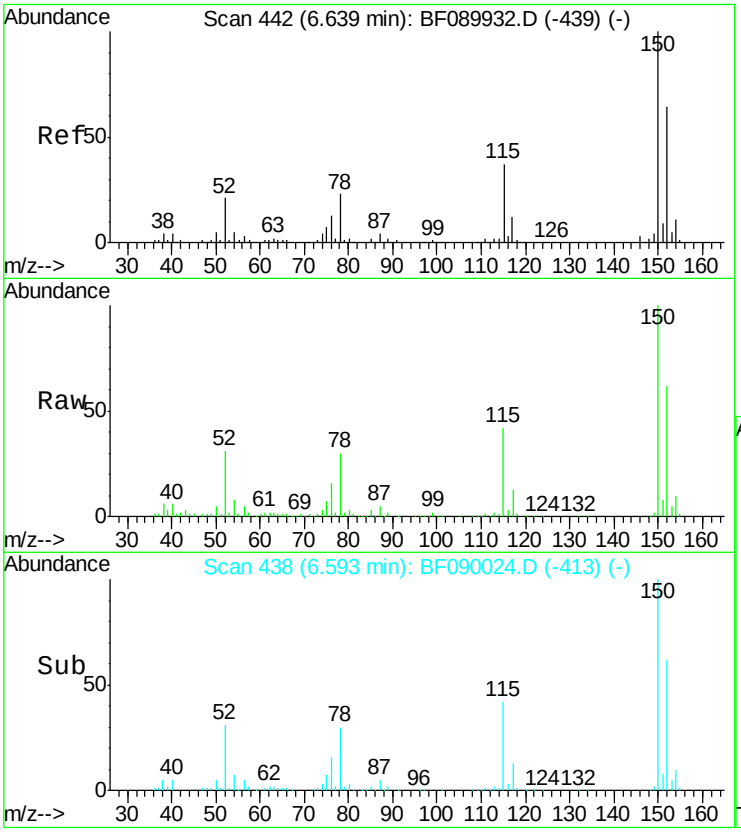


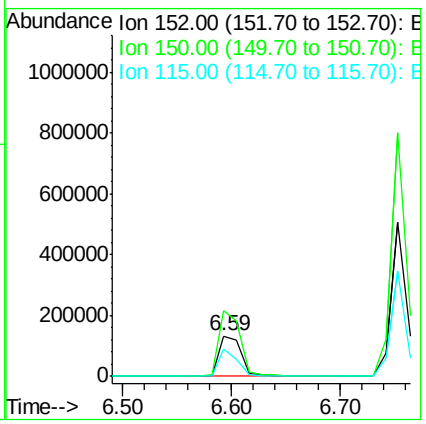


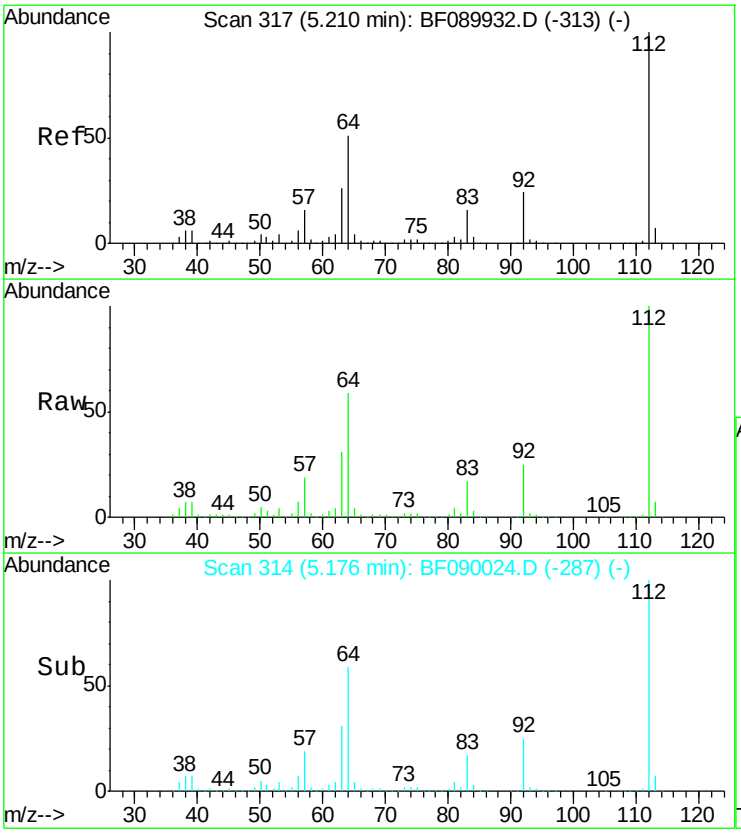
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:152 Resp: 190054

Ion	Ratio	Lower	Upper
152	100		
150	161.6	127.4	191.2
115	68.0	46.3	69.5

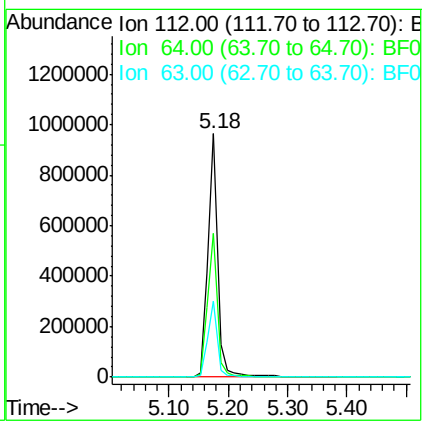


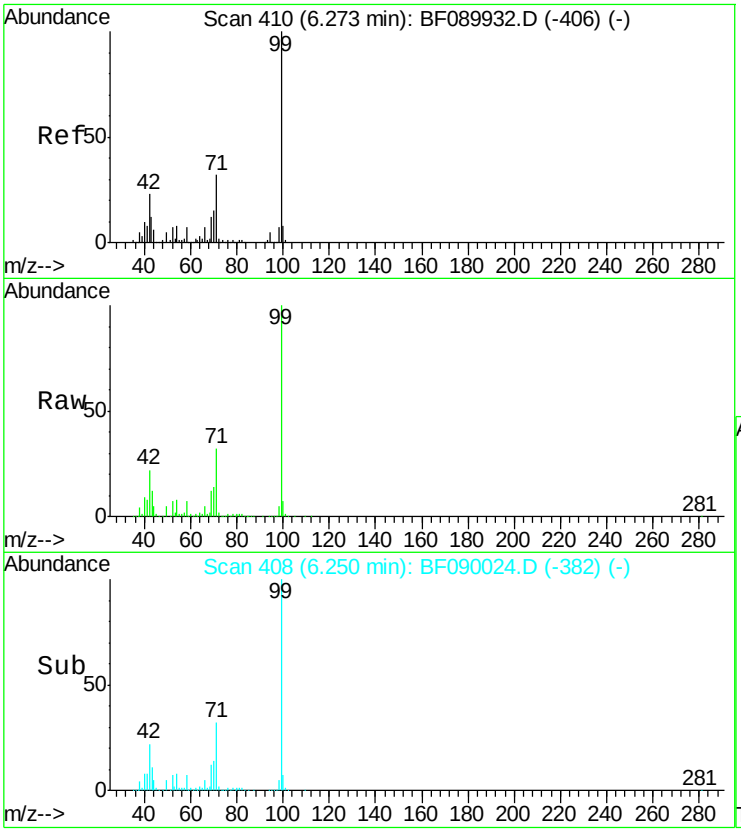


#5
2-Fluorophenol
Concen: 94.12 ng
RT: 5.18 min Scan# 314
Delta R.T. 0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:112 Resp: 1117578

Ion	Ratio	Lower	Upper
112	100		
64	58.9	41.1	61.7
63	30.9	21.2	31.8



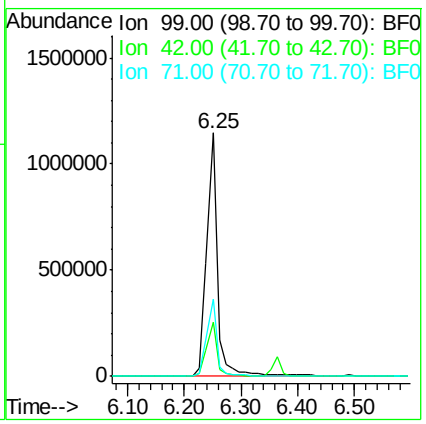


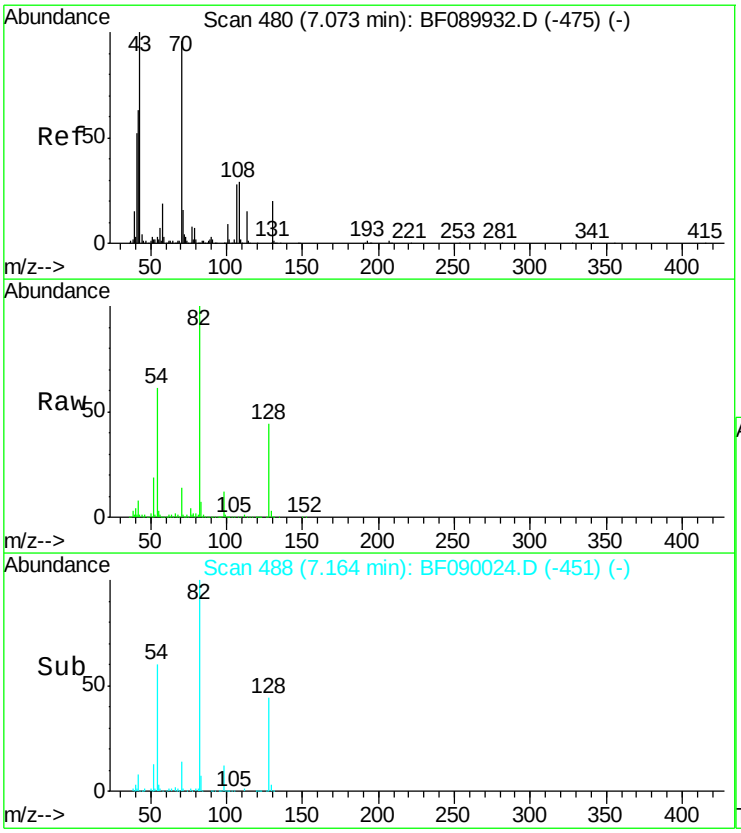
#7
Phenol-d6
Concen: 101.26 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion: 99 Resp: 1460863

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.6	27.8
71	31.9	25.8	38.6

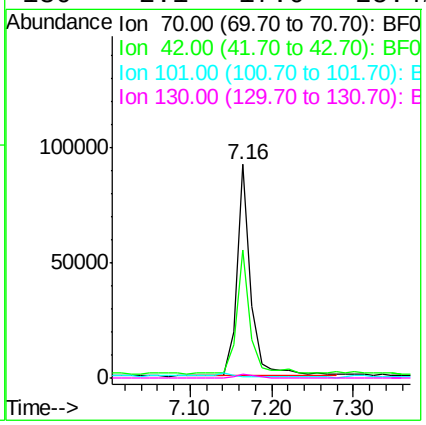


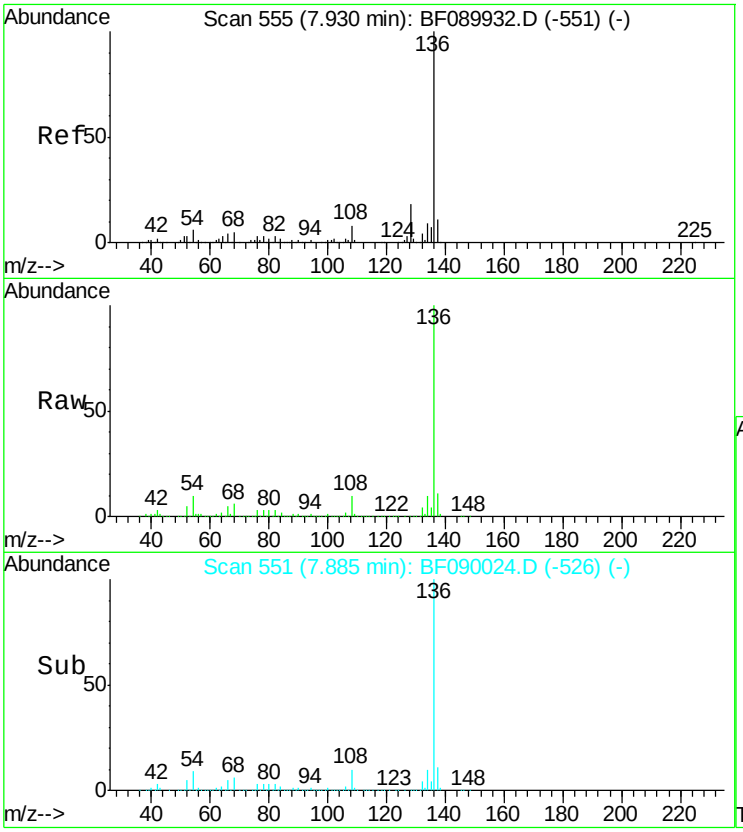


#19
n-Nitroso-di-n-propylamine
Concen: 11.65 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion: 70 Resp: 109542

Ion	Ratio	Lower	Upper
70	100		
42	59.7	52.1	78.1
101	0.6	7.4	11.2#
130	2.1	17.0	25.4#



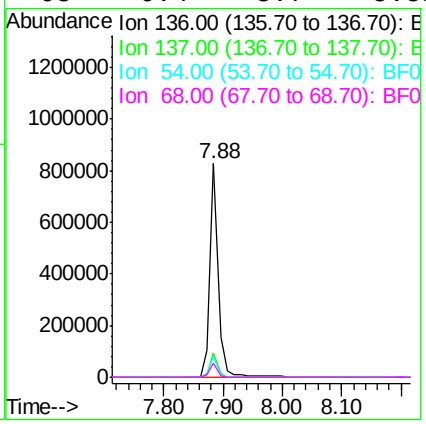


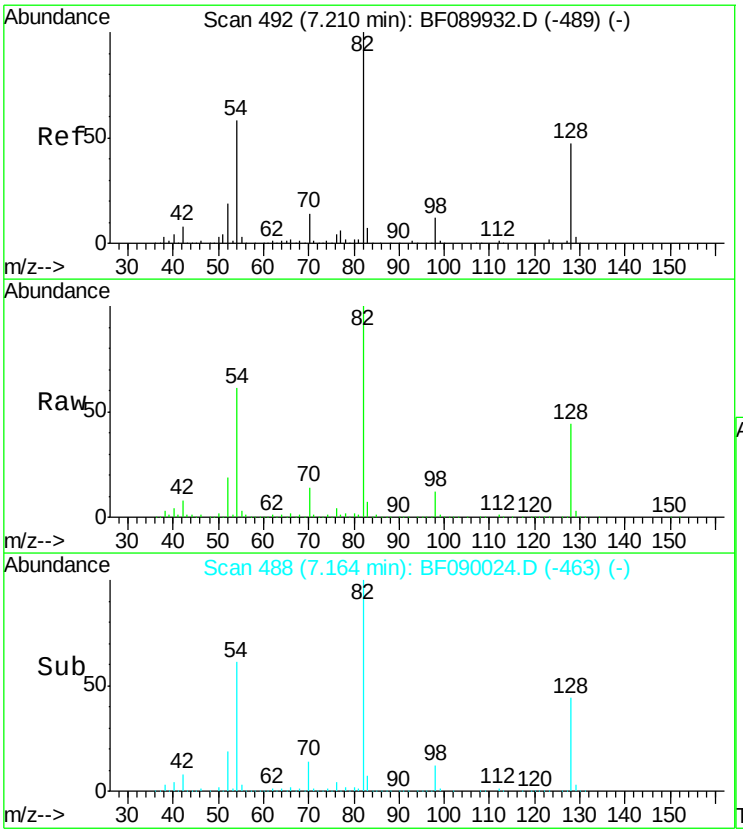
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:136 Resp: 803270

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	9.5	4.8	7.2#
68	6.4	3.7	5.5#

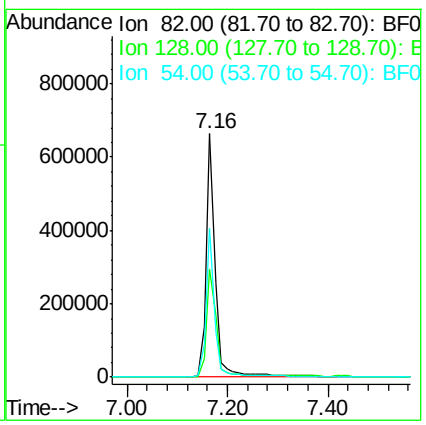


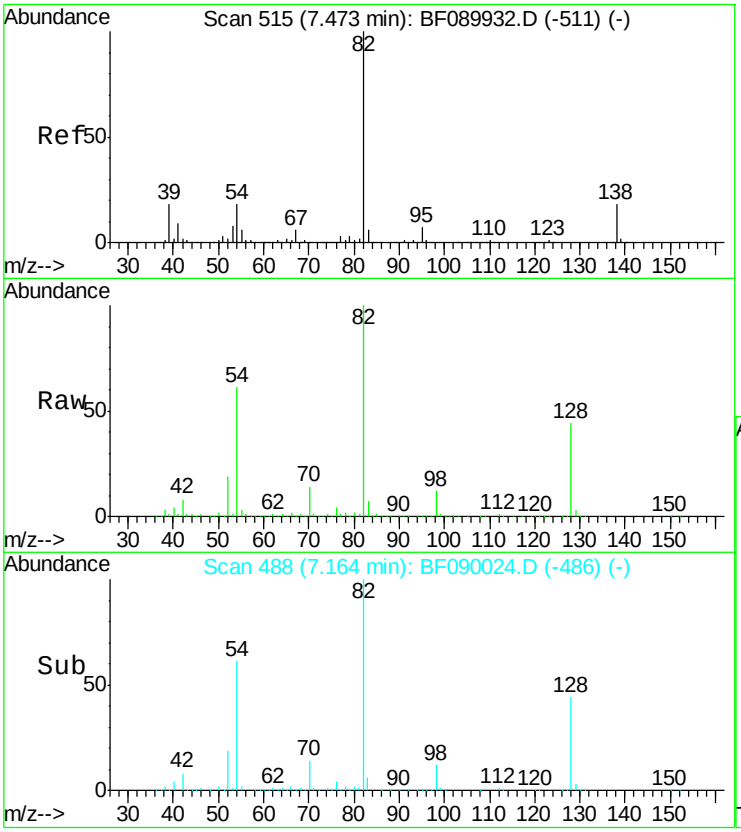


#23
Nitrobenzene-d5
Concen: 60.13 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion: 82 Resp: 832786

Ion	Ratio	Lower	Upper
82	100		
128	44.4	37.8	56.8
54	61.2	46.9	70.3



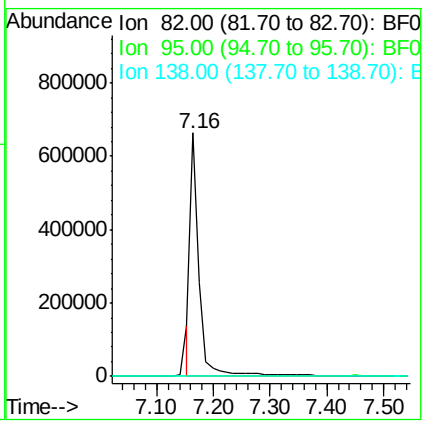


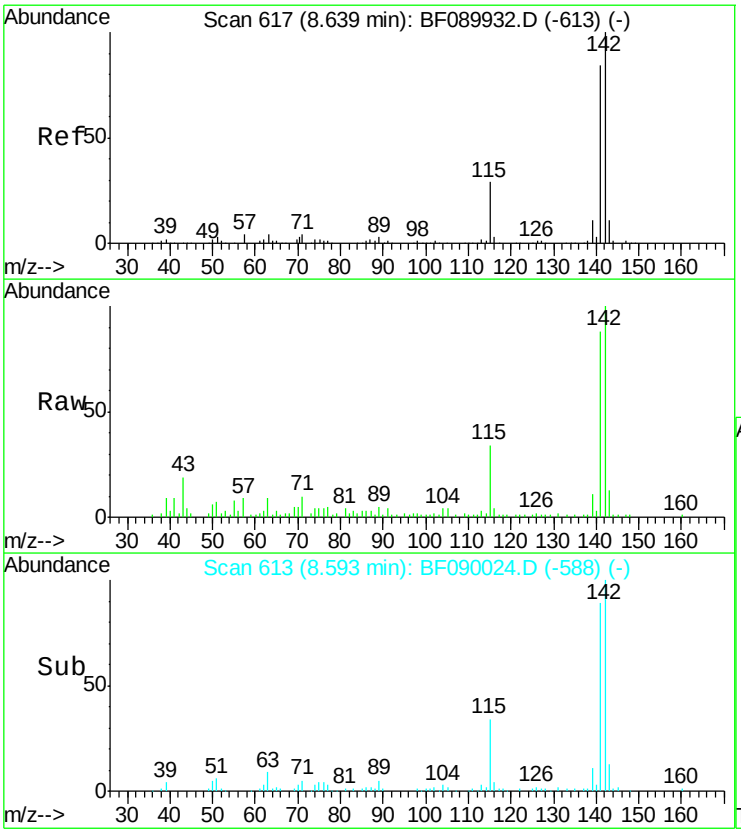
#25
Isophorone
Concen: 25.35 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.27 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion: 82 Resp: 714032

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.5	8.3#
138	0.0	14.4	21.6#

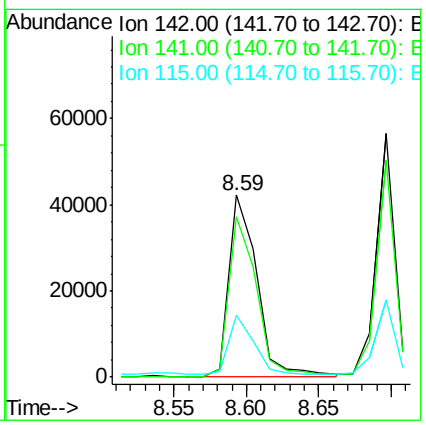


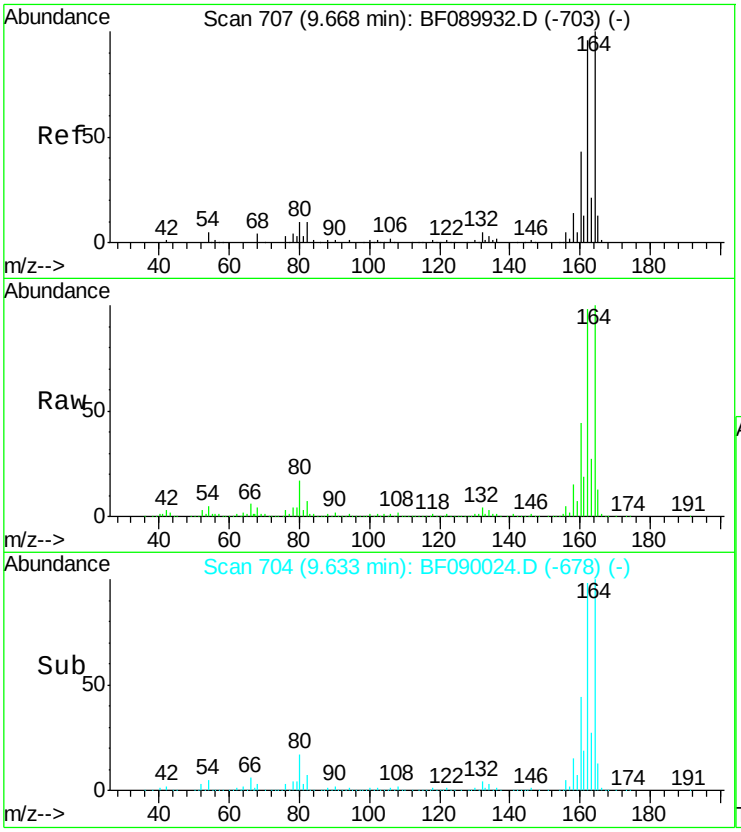


#37
2-Methylnaphthalene
Concen: 2.16 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:142 Resp: 57075

Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.3	102.5
115	34.3	23.8	35.8



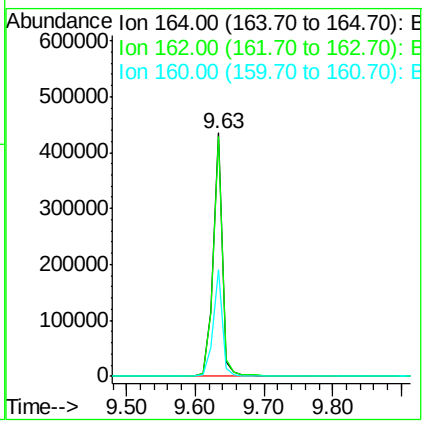


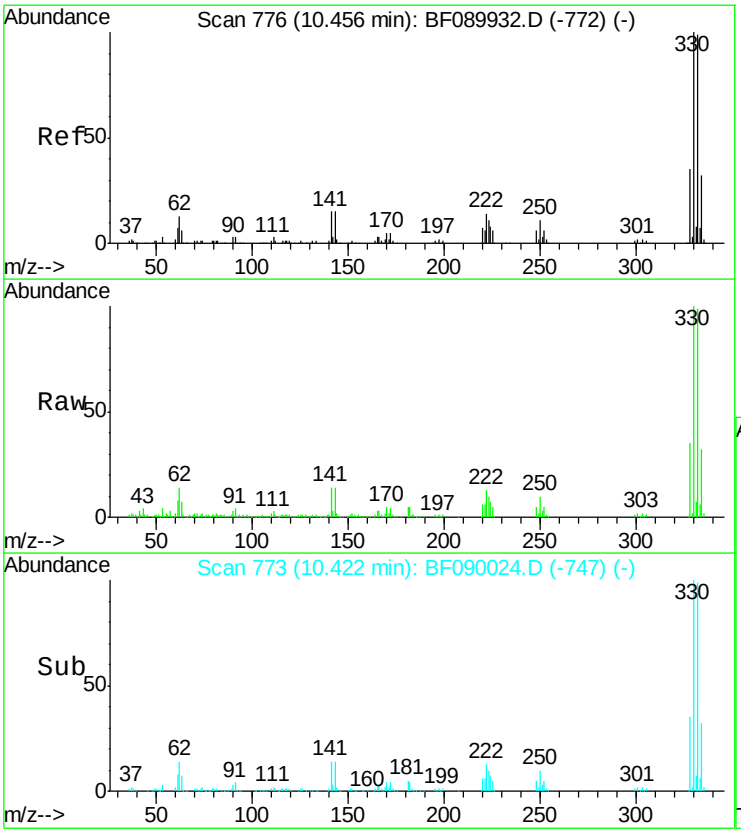
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:164 Resp: 414460

Ion	Ratio	Lower	Upper
164	100		
162	98.3	77.1	115.7
160	43.8	35.3	52.9

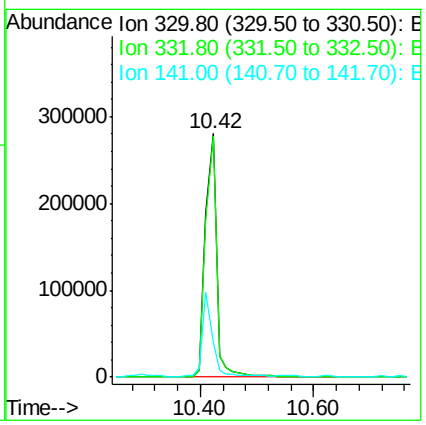


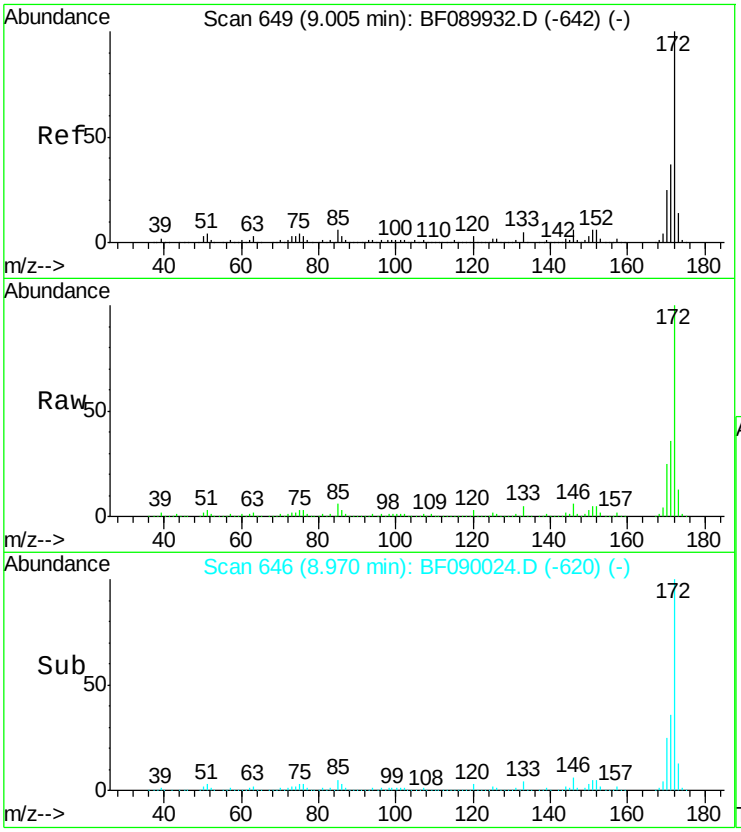


#41
2,4,6-Tribromophenol
Concen: 90.55 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:330 Resp: 370266

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.6	117.8
141	30.5	23.3	34.9



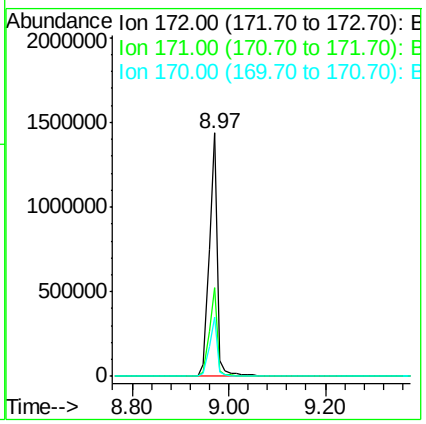


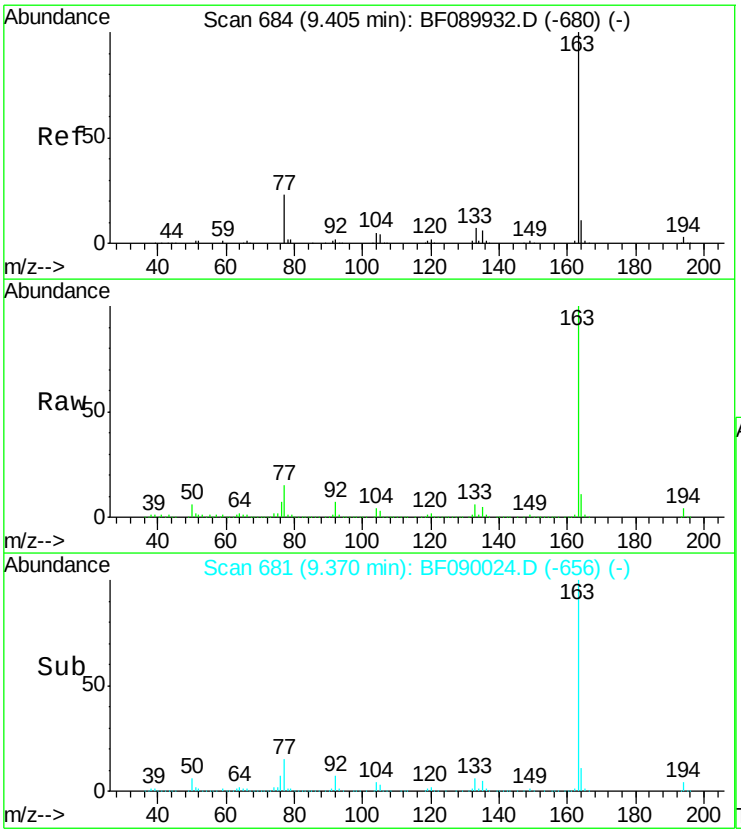
#44
2-Fluorobiphenyl
Concen: 67.68 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:172 Resp: 1708699

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.2
170	24.6	20.1	30.1

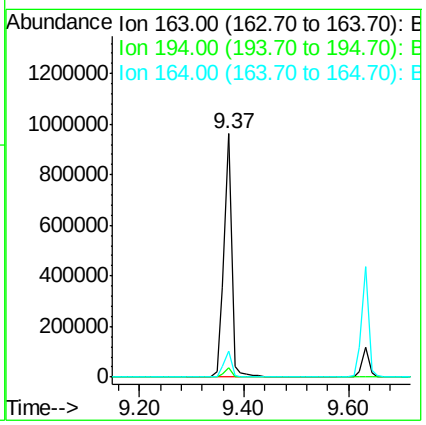


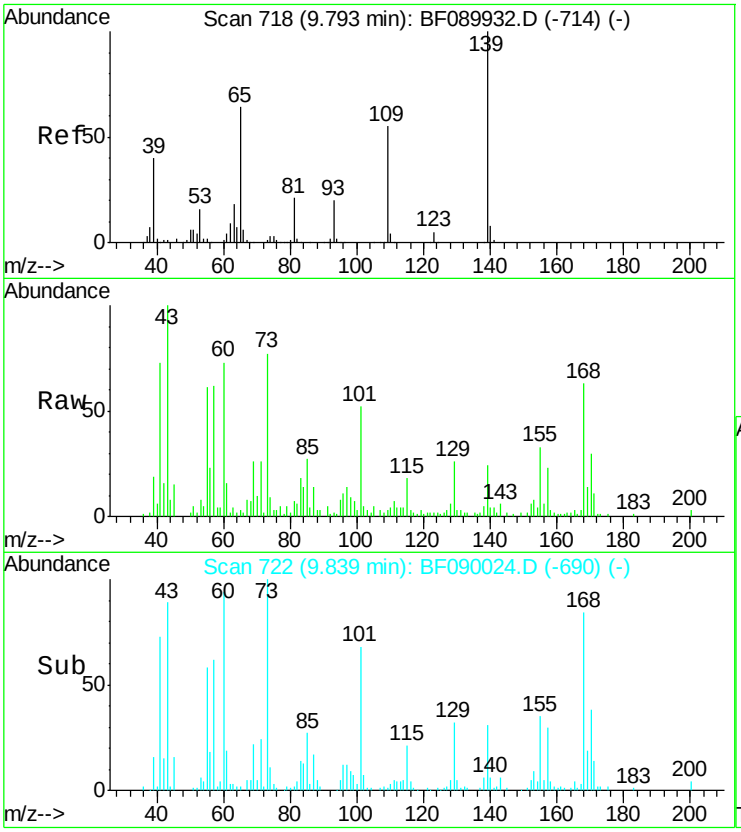


#49
Dimethylphthalate
Concen: 33.18 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:163 Resp: 993992

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.5	9.0	13.4



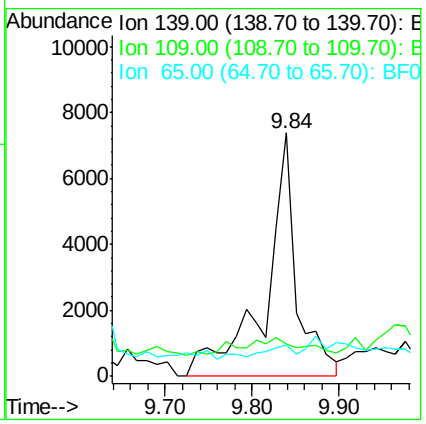


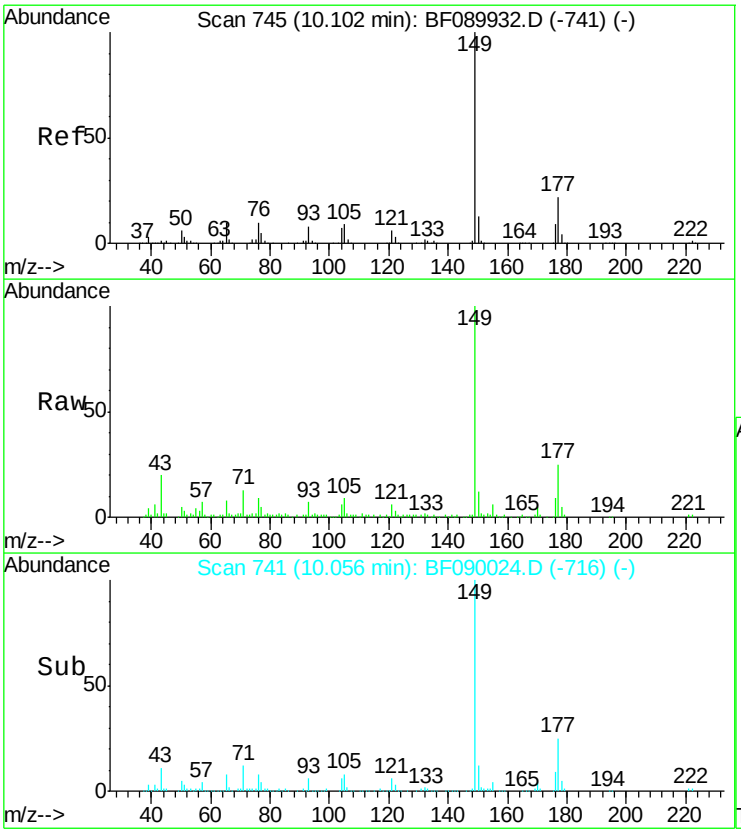
#55
4-Nitrophenol
Concen: 3.19 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.07 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:139 Resp: 18286

Ion	Ratio	Lower	Upper
139	100		
109	13.5	31.3	71.3#
65	12.9	38.5	78.5#

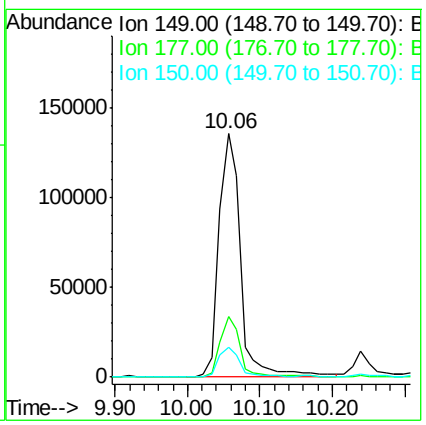


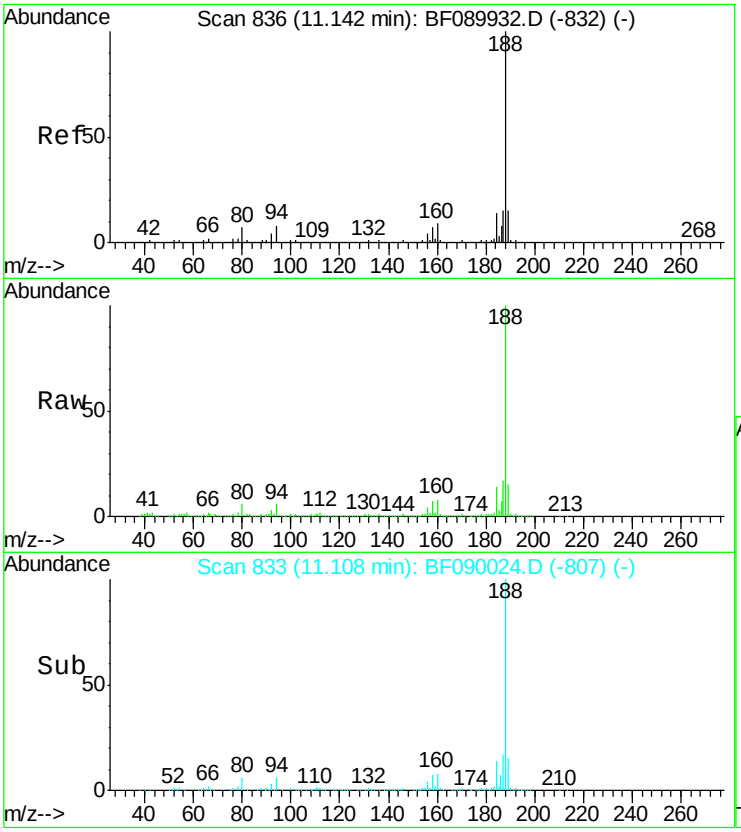


#59
Diethylphthalate
Concen: 9.84 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:149 Resp: 277360

Ion	Ratio	Lower	Upper
149	100		
177	24.7	17.7	26.5
150	12.3	10.2	15.2



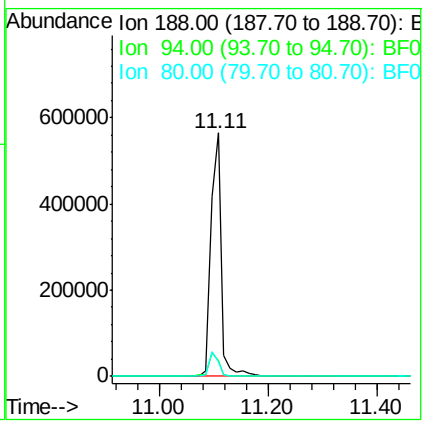


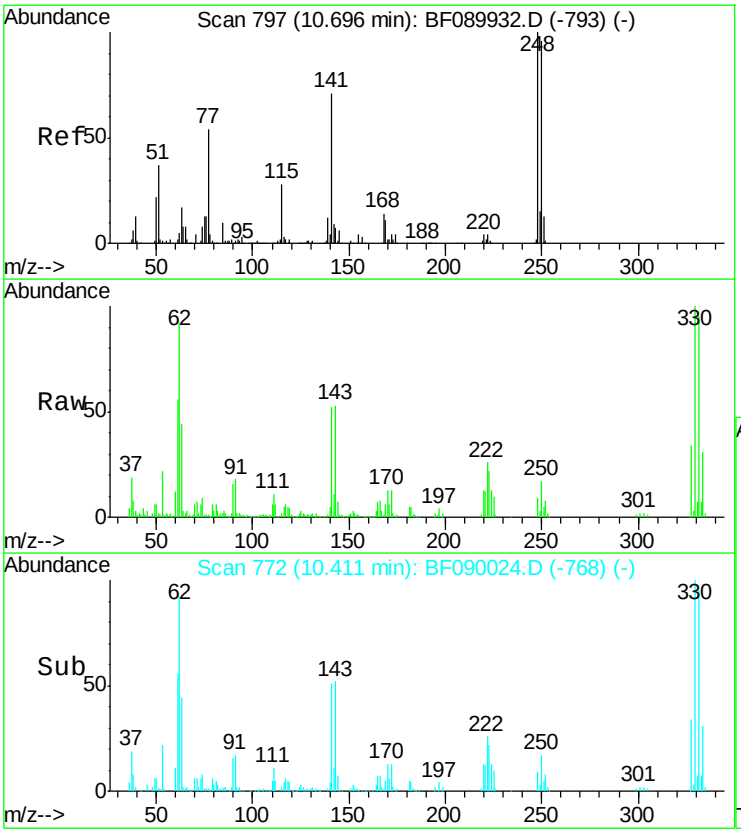
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:188 Resp: 758239

Ion	Ratio	Lower	Upper
188	100		
94	6.4	5.9	8.9
80	6.2	5.8	8.8

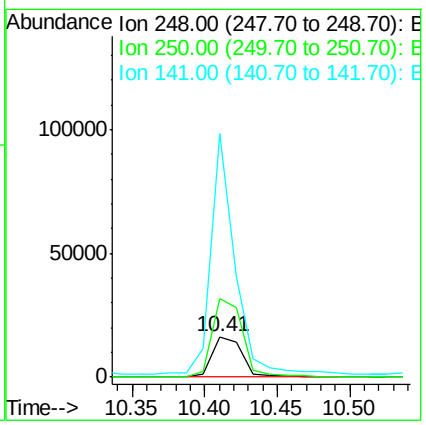


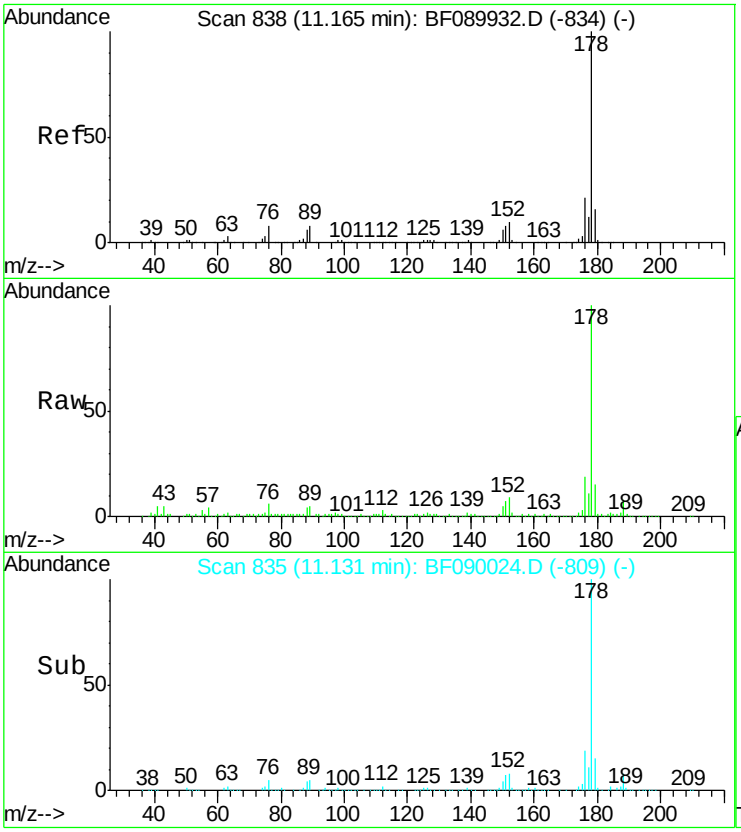


#66
4-Bromophenyl-phenylether
Concen: 3.11 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:248 Resp: 23736

Ion	Ratio	Lower	Upper
248	100		
250	195.7	77.3	115.9#
141	606.2	55.8	83.8#



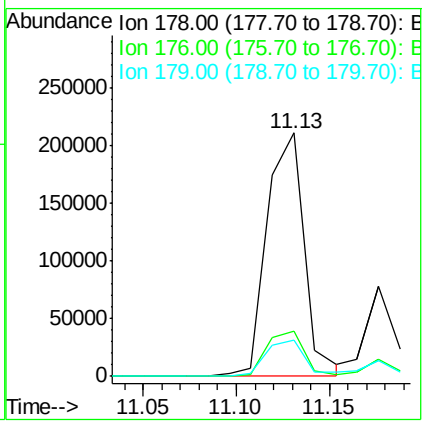


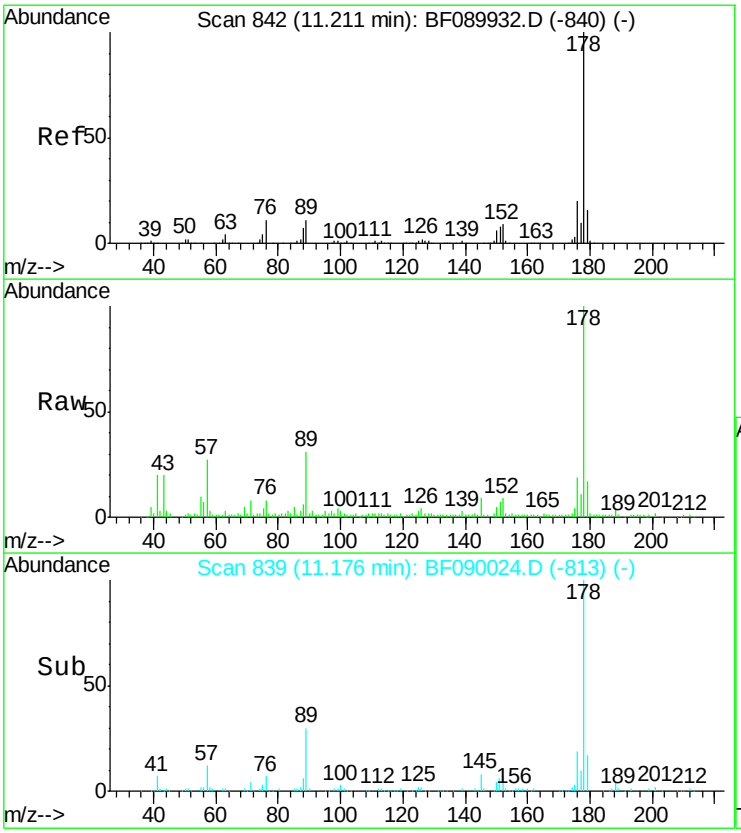
#70
Phenanthrene
Concen: 7.76 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:178 Resp: 292949

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.5	24.7
179	14.9	12.8	19.2

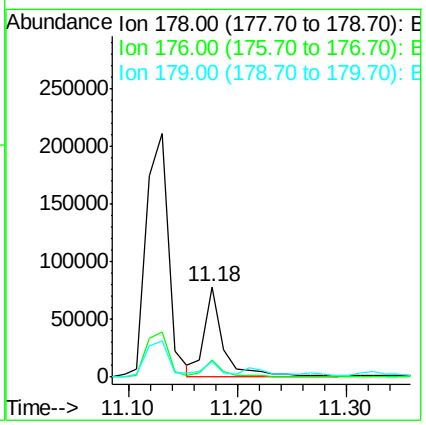


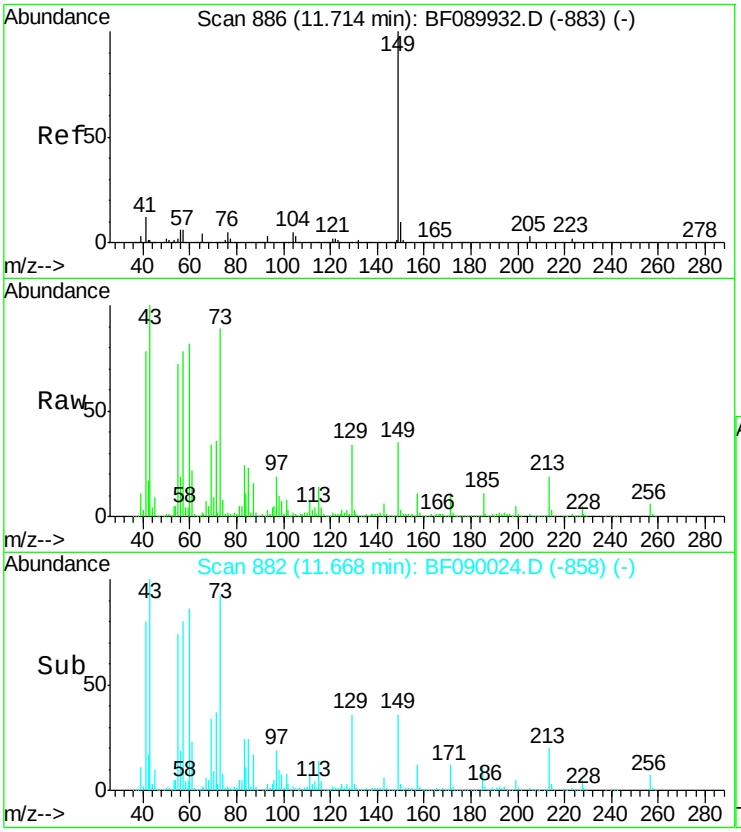


#71
Anthracene
Concen: 2.46 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:178 Resp: 94389

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	17.4	13.0	19.4



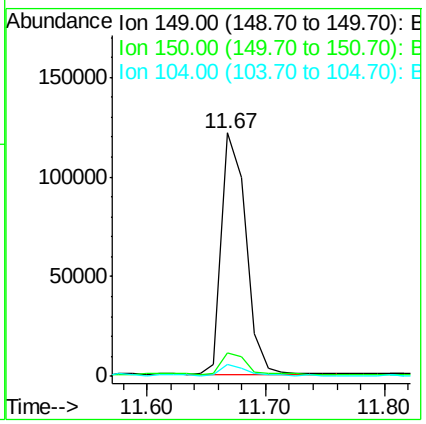


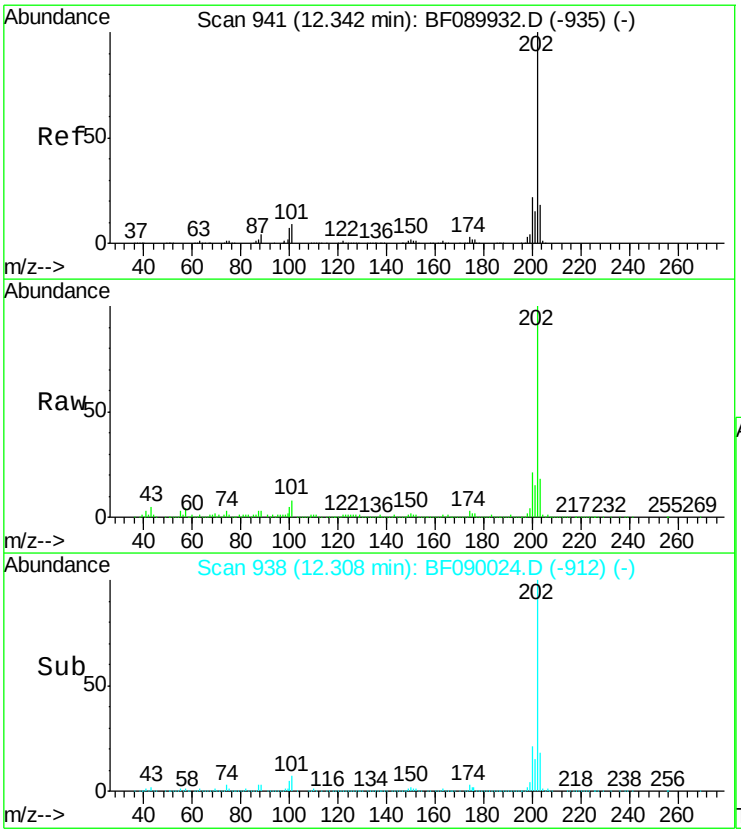
#73
Di-n-butylphthalate
Concen: 4.11 ng
RT: 11.67 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:149 Resp: 171864

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.8
104	4.9	3.9	5.9

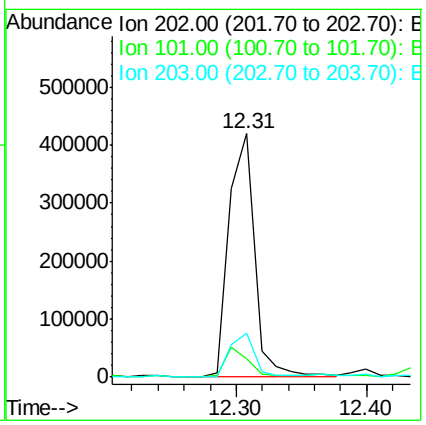


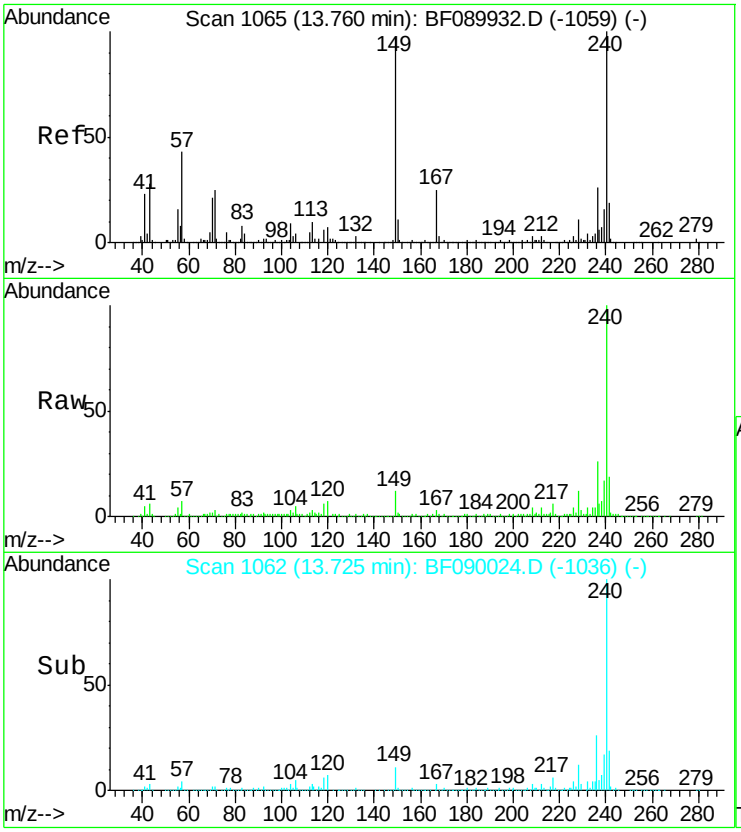


#74
Fluoranthene
Concen: 14.41 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:202 Resp: 570221

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.5
203	17.9	0.0	38.0



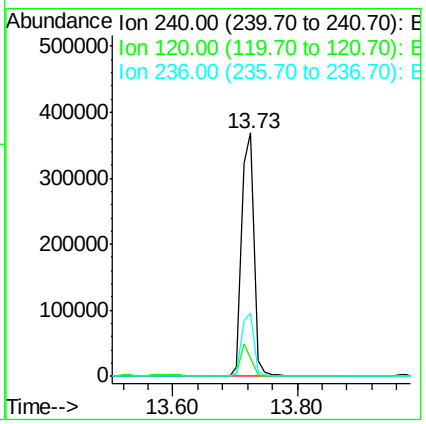


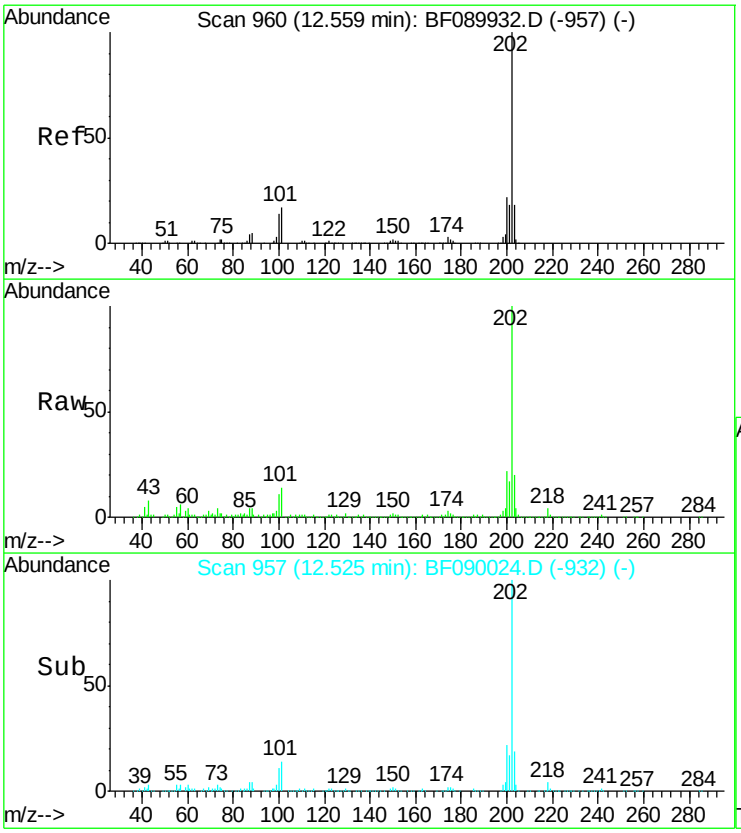
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:240 Resp: 509591

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.7	8.5
236	26.0	21.3	31.9

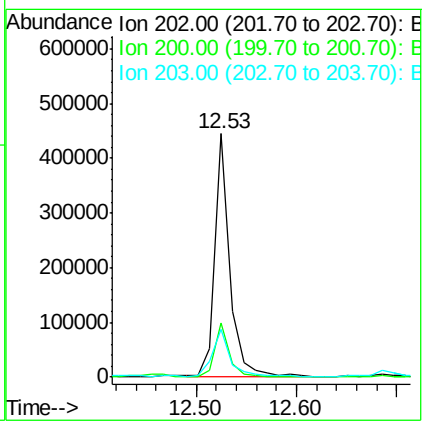


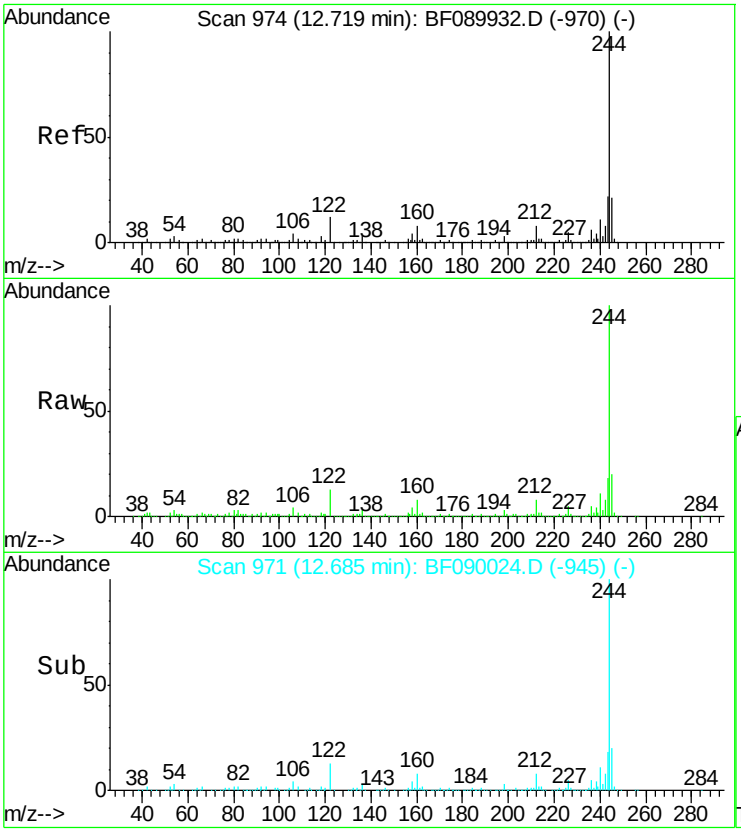


#77
Pyrene
Concen: 12.66 ng
RT: 12.53 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:202 Resp: 455025

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	19.6	14.6	21.8



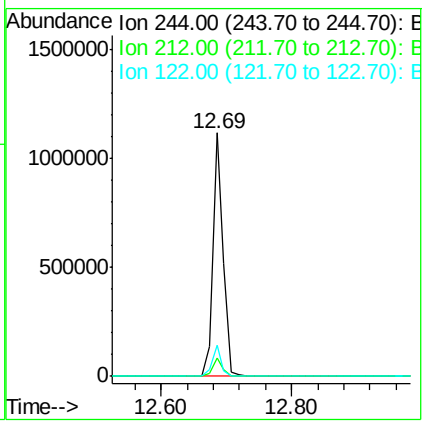


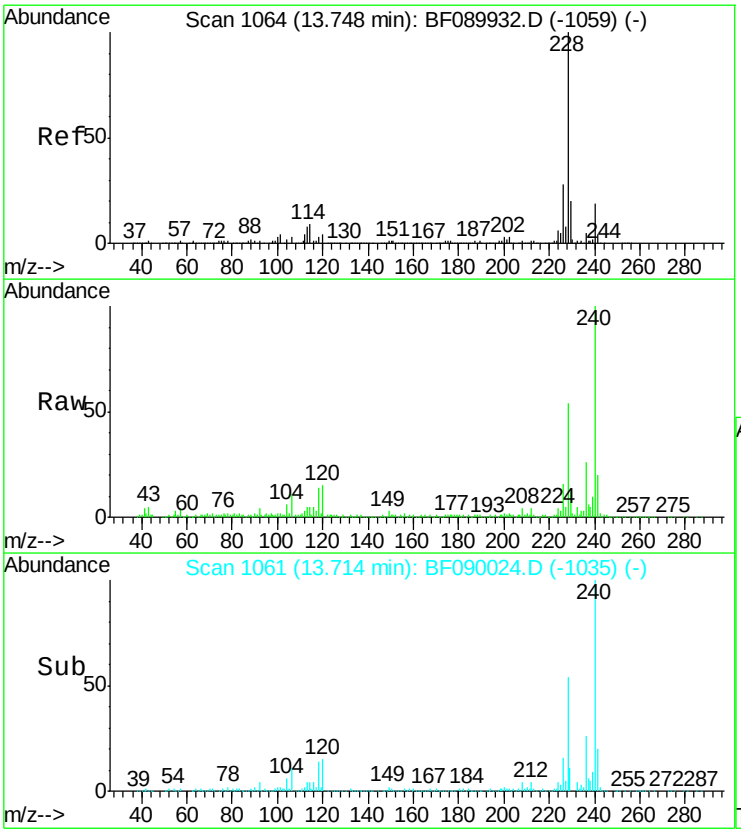
#78
Terphenyl-d14
Concen: 60.27 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:244 Resp: 1243212

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	12.9	9.6	14.4

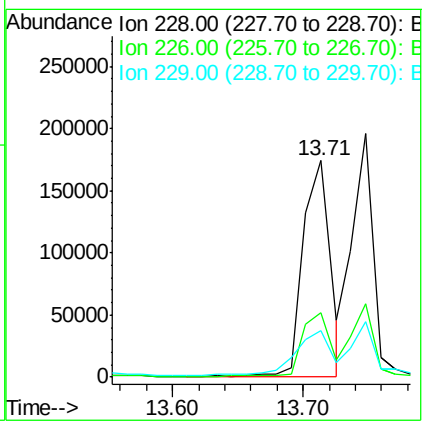


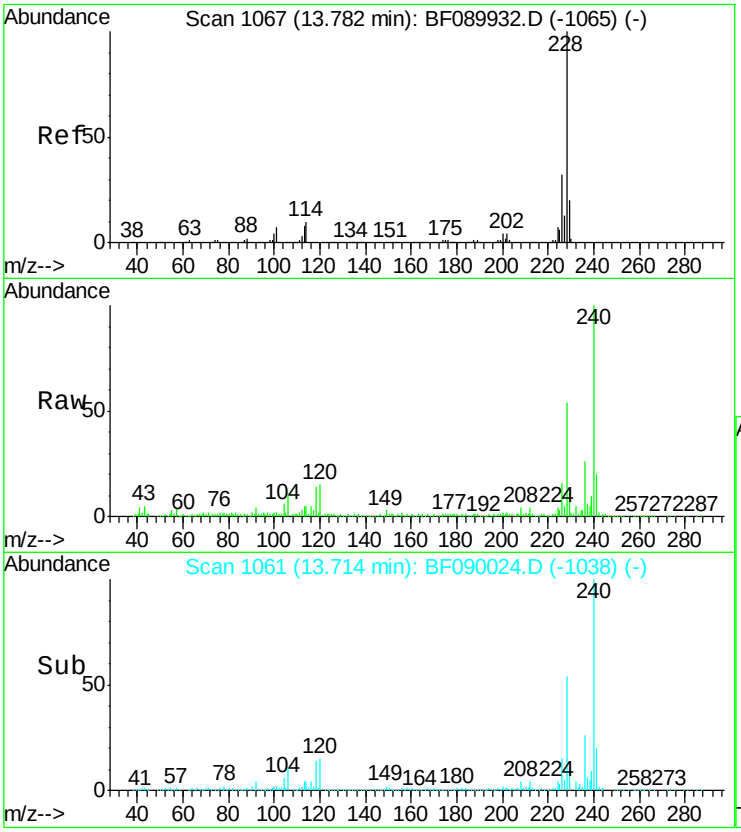


#80
Benzo(a)anthracene
Concen: 7.96 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:228 Resp: 248507

Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.2	33.2
229	21.6	15.8	23.6



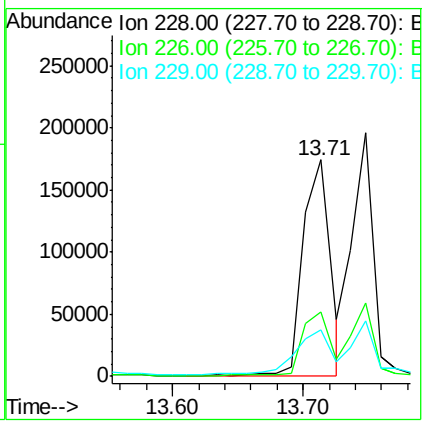


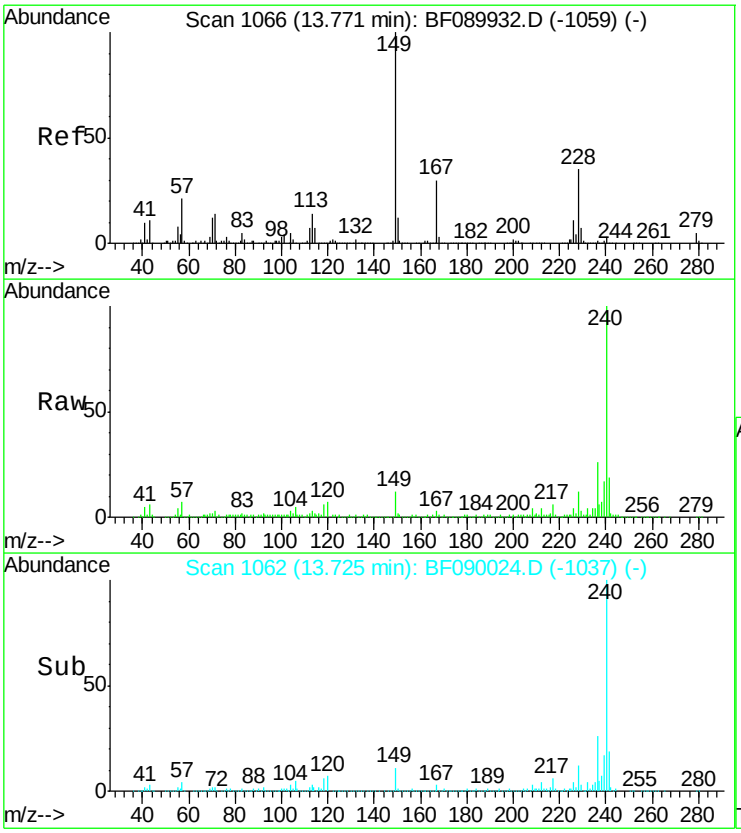
#82
Chrysene
Concen: 8.52 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:228 Resp: 248507

Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.2	37.8
229	21.6	16.2	24.2

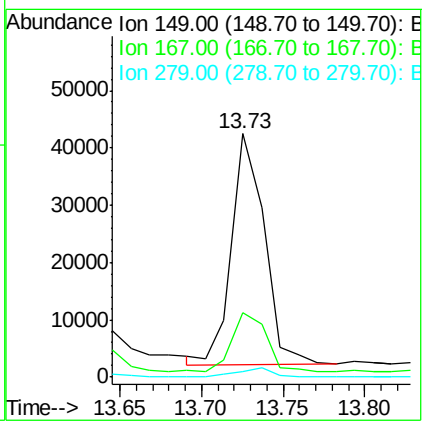


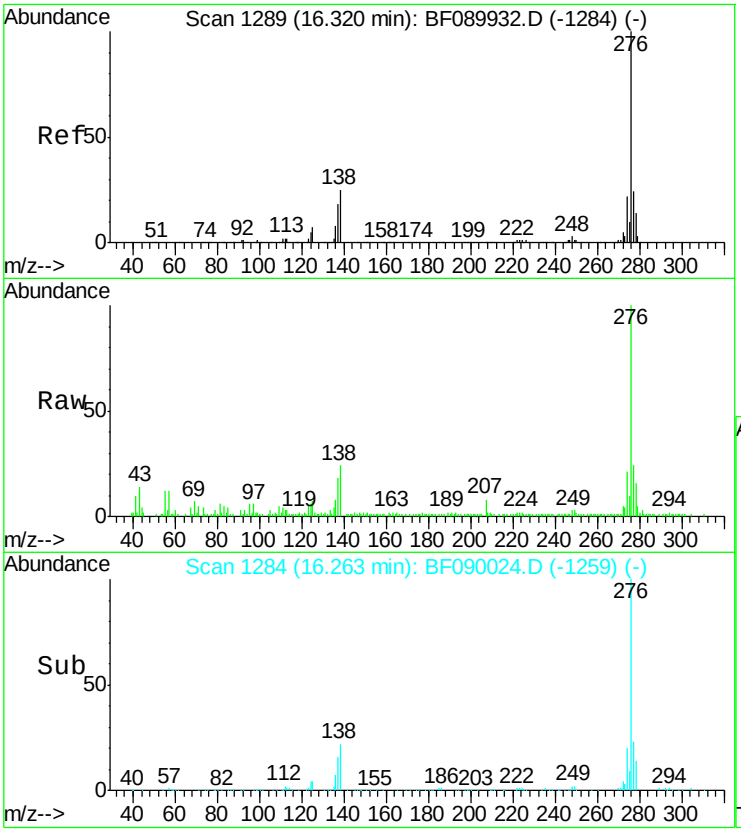


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.78 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:149 Resp: 55813

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.6	35.4
279	2.5	3.4	5.2#



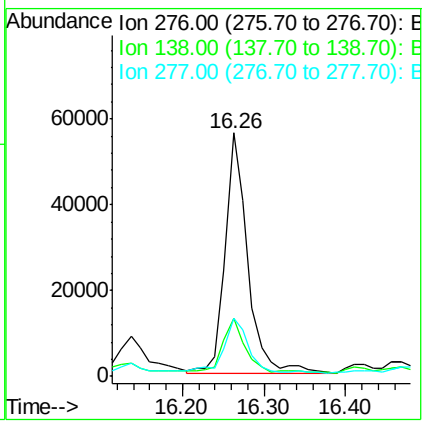


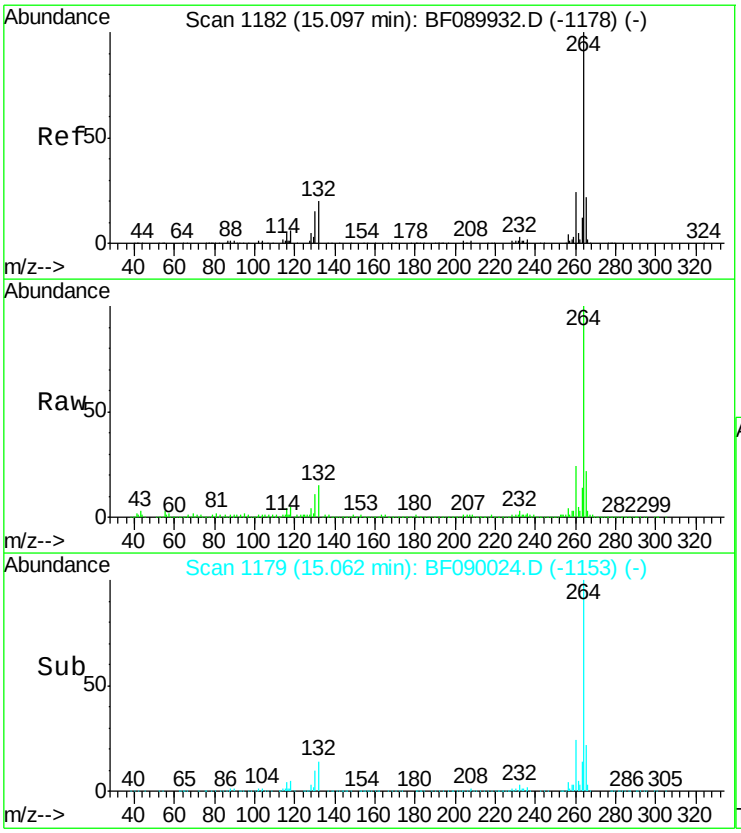
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.92 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:276 Resp: 106087

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.6	34.0
277	23.9	20.1	30.1

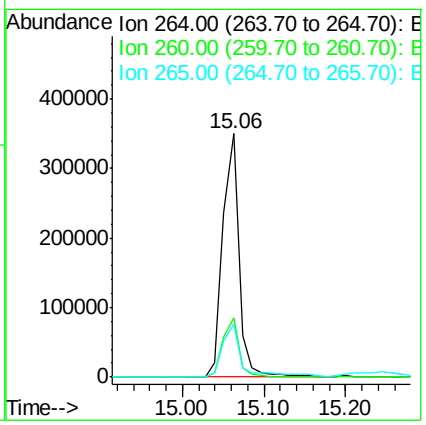


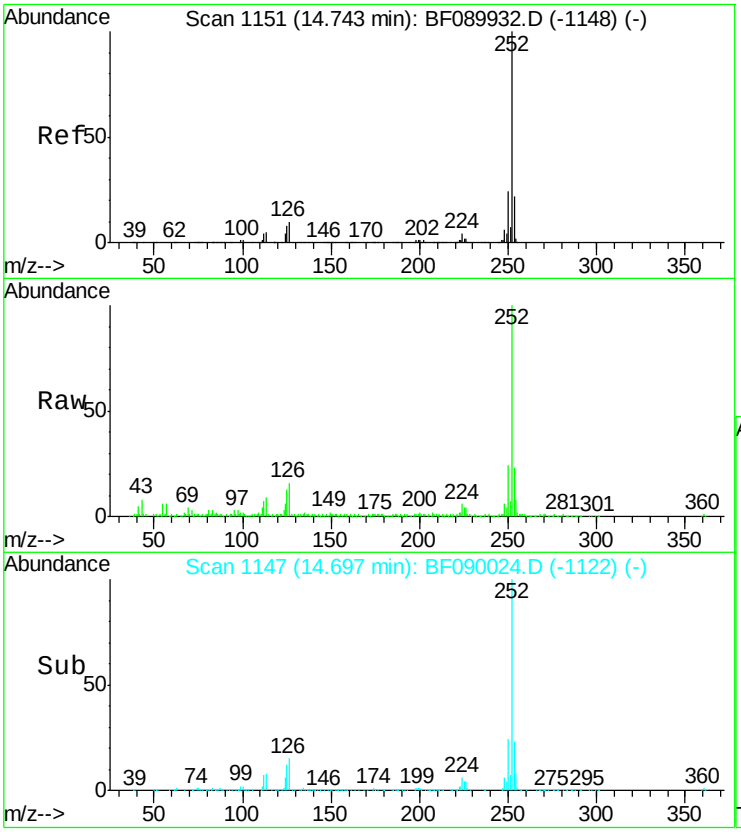


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:264 Resp: 480102

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.7	17.4	26.2



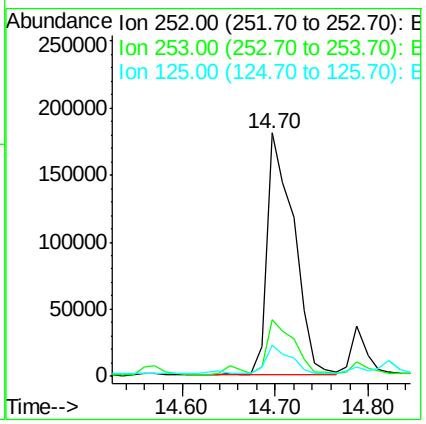


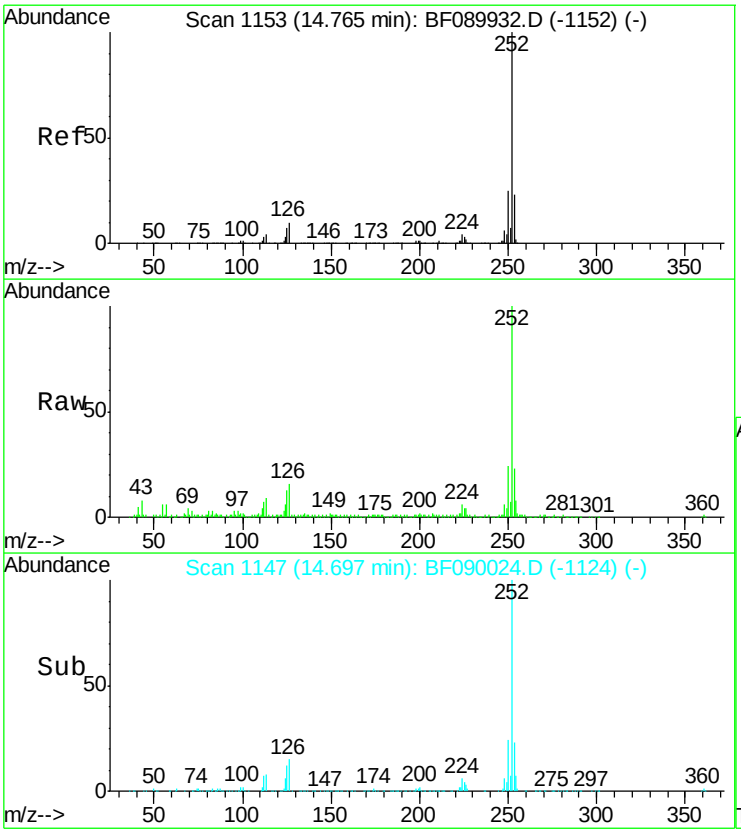
#87
Benzo(b)fluoranthene
Concen: 12.08 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:252 Resp: 363383

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	12.8	5.7	8.5#

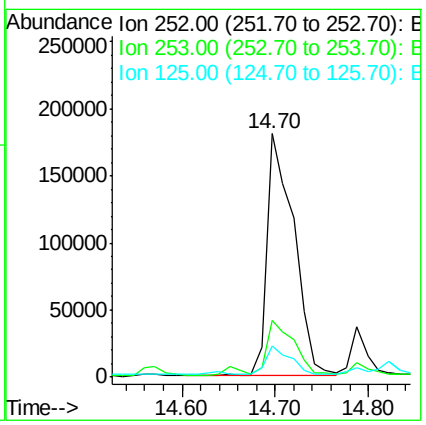


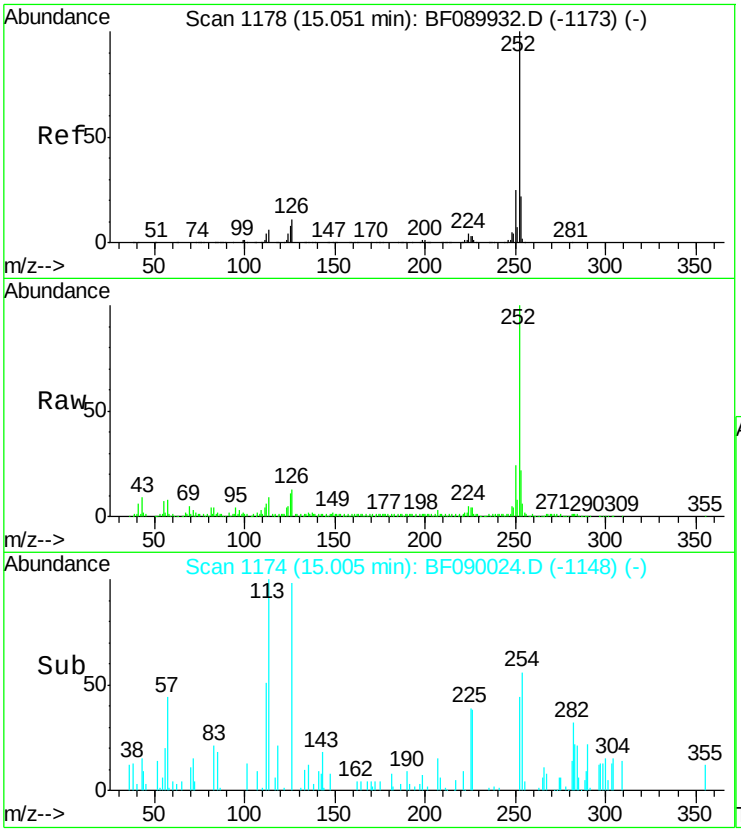


#88
Benzo(k)fluoranthene
Concen: 14.24 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:252 Resp: 363383

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.8	7.3	10.9#



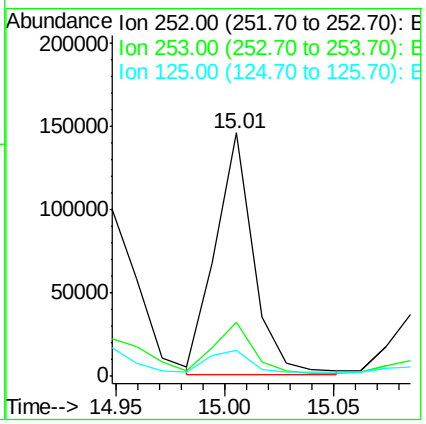


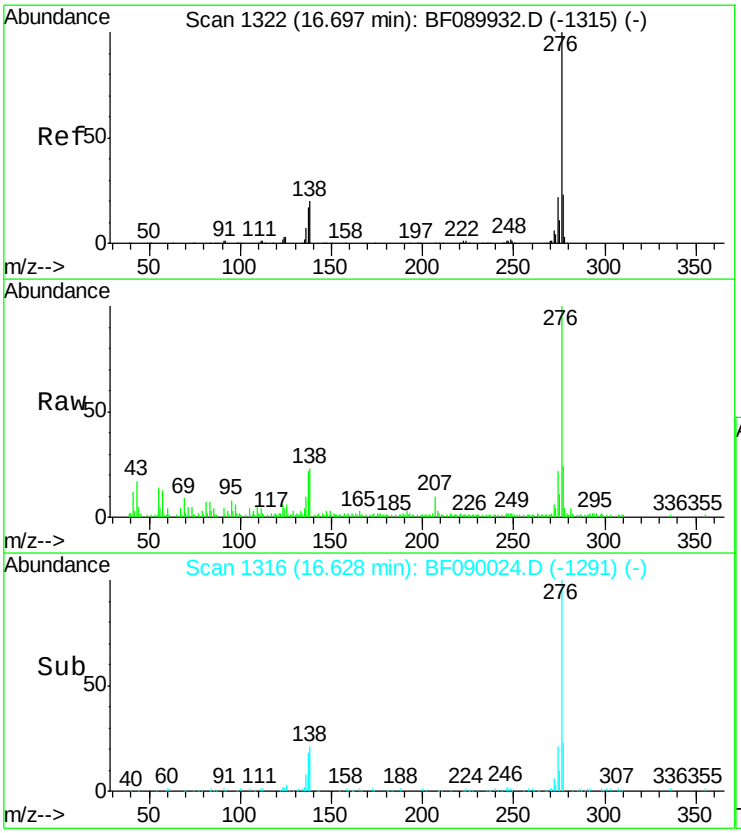
#89
Benzo(a)pyrene
Concen: 6.86 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Instrument :
BNA_F
ClientSampleId :
BH-16-0-1FT

Tgt Ion:252 Resp: 176872

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.7	6.3	9.5#





#91
Benzo(g,h,i)perylene
Concen: 4.70 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF090024.D
Acq: 8 Sep 2016 15:04

Tgt Ion:276 Resp: 89342

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	22.7	16.4	24.6