Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NEWARK-POMPTON

Quant Time: Oct 18 01:14:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	173109	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	753322	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	405048	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	573424	20.00	ng		-0.01
75) Chrysene-d12	14.08	240	399775	20.00	ng		-0.01
86) Perylene-d12	15.54	264	467494	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	250224	26.50	ng		-0.01
7) Phenol-d6	6.53	99	354780	25.29	ng		-0.01
23) Nitrobenzene-d5	7.47	82	207485	15.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	60905	16.87	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	356286	14.49	ng		0.00
78) Terphenyl-d14	13.02	244	249686	14.54	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.23	42	212	7.21	ng	#	1
31) Naphthalene	8.21	128	266149	6.94	ng		98
33) 4-Chloroaniline	8.21	127	33433	2.28	ng	#	30
37) 2-Methylnaphthalene	8.91	142	105936	4.70	ng		98
51) Acenaphthene	9.98	154	106233	4.37	ng		98
54) Dibenzofuran	10.15	168	98744	3.09	ng		94
57) Fluorene	10.50	166	138942	5.26	ng		100
70) Phenanthrene	11.46	178	681652	22.27	ng		100
71) Anthracene	11.51	178	238934	7.25	ng		99
72) Carbazole	11.67	167	62084	2.11	ng		95
74) Fluoranthene	12.65	202	644071	20.92	ng		90
77) Pyrene	12.87	202	589679	22.27	ng		98
80) Benzo(a)anthracene	14.08	228	491608	21.60	ng		96
82) Chrysene	14.08	228	491608	22.42	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	160766	12.68	ng	#	85
87) Benzo(b)fluoranthene	15.12	252	450915	14.74	ng		96
88) Benzo(k)fluoranthene	15.12	252	450915	13.70	ng		97
89) Benzo(a)pyrene	15.48	252	263309	9.40	ng		95
91) Benzo(g,h,i)perylene	17.42	276	159058	7.81	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101716\
Data File : BF090616.D
Acq On : 17 Oct 2016 19:12
Operator : UM/SJ
Sample : H5264-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Quant Time: Oct 18 01:14:33 2016
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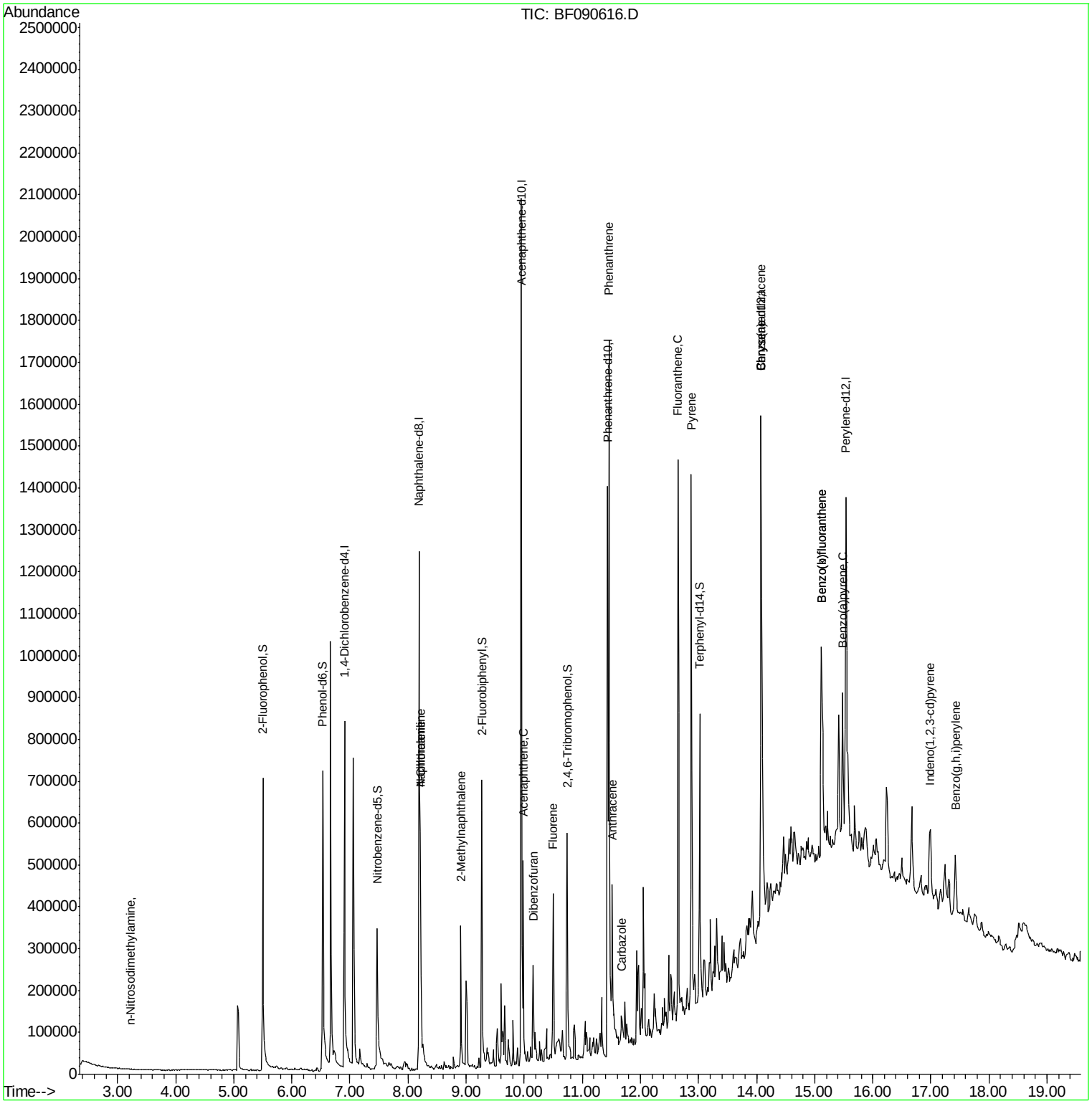
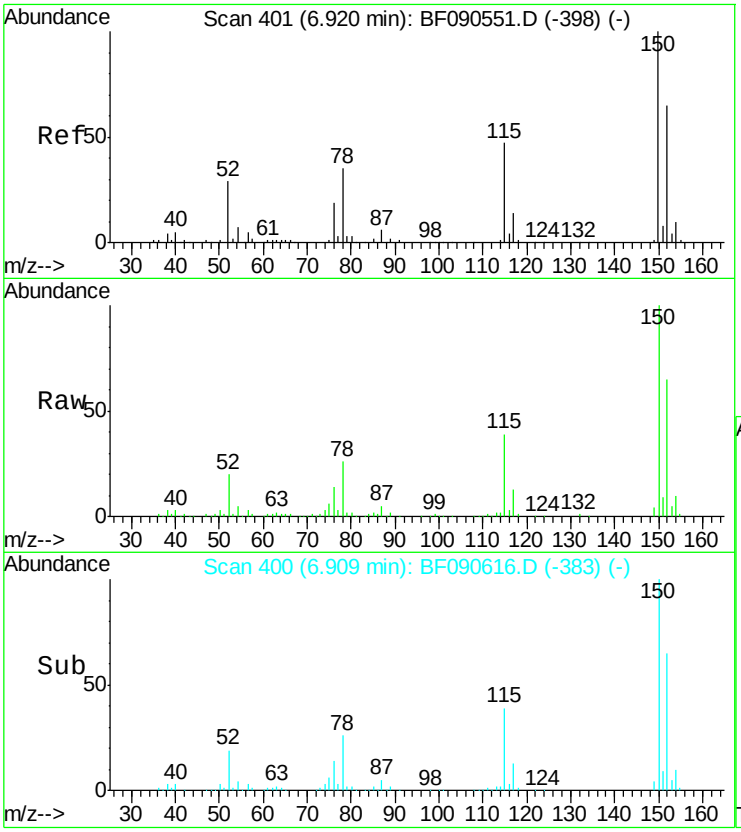


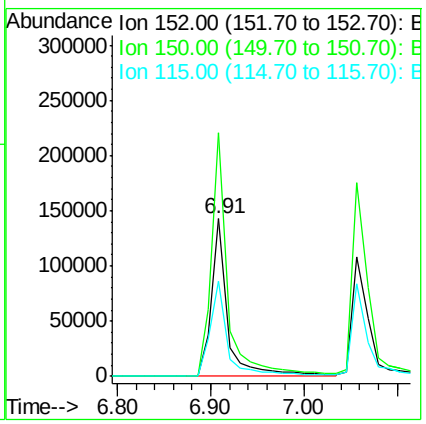


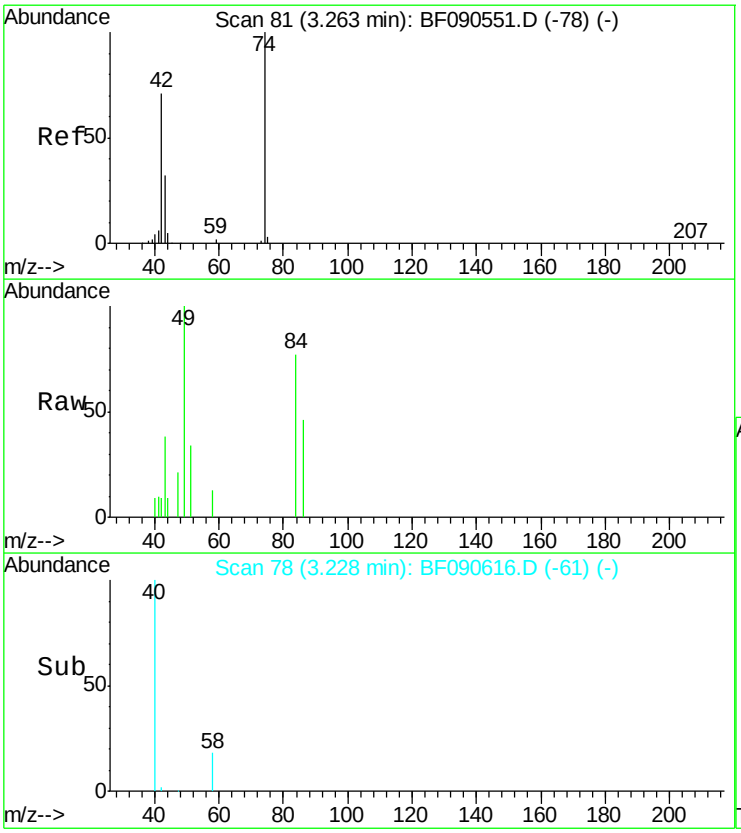
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:152 Resp: 173109

Ion	Ratio	Lower	Upper
152	100		
150	154.7	127.2	190.8
115	60.2	58.6	88.0

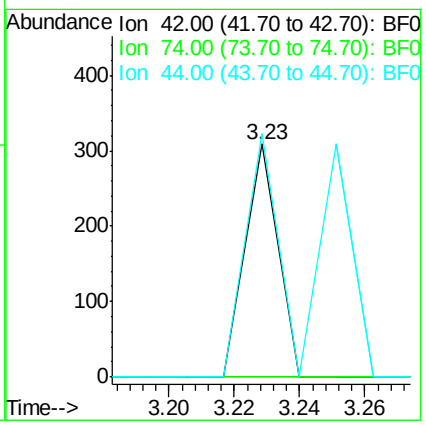


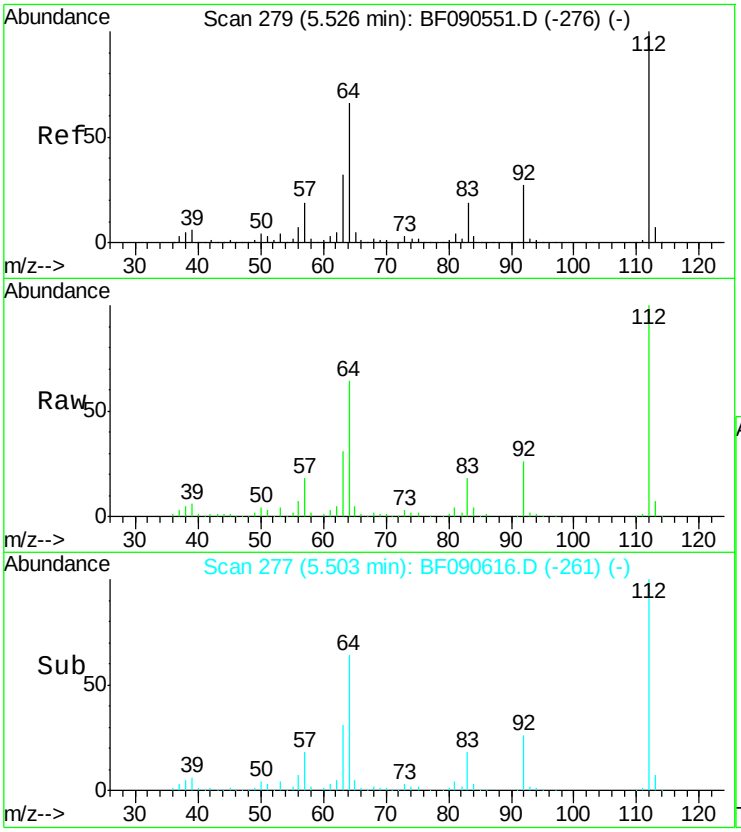


#4
n-Nitrosodimethylamine
Concen: 7.21 ng
RT: 3.23 min Scan# 78
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion: 42 Resp: 212

Ion	Ratio	Lower	Upper
42	100		
74	0.0	113.3	169.9#
44	104.5	6.0	9.0#



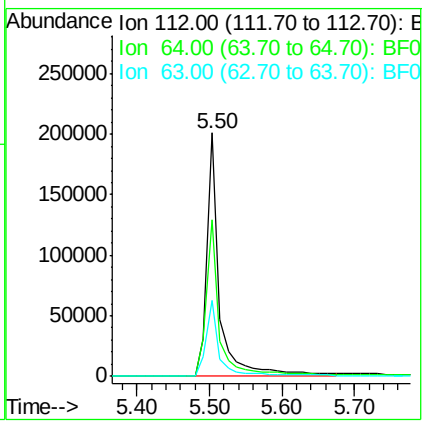


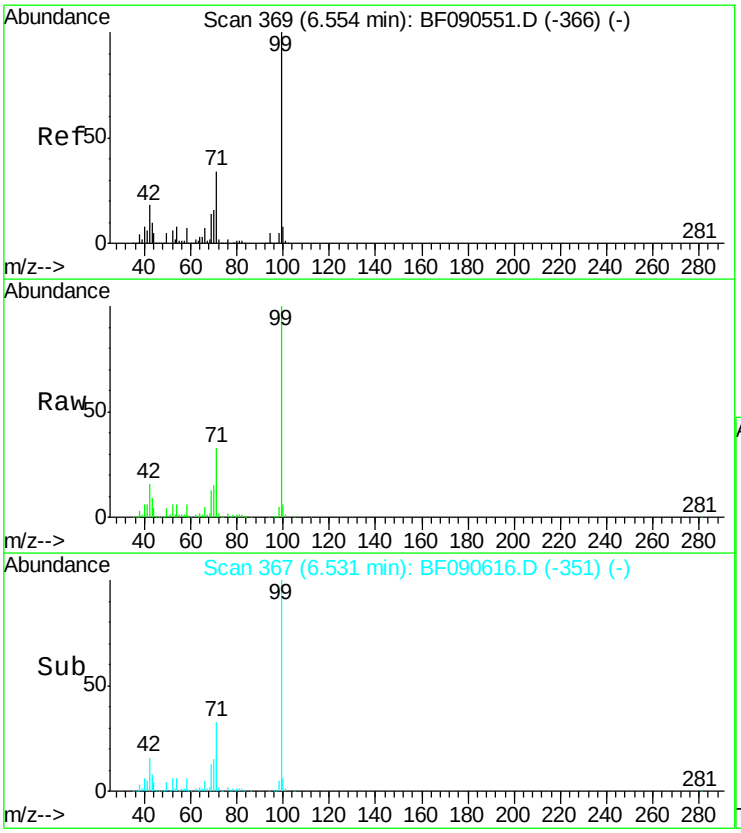
#5
2-Fluorophenol
Concen: 26.50 ng
RT: 5.50 min Scan# 277
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:112 Resp: 250224

Ion	Ratio	Lower	Upper
112	100		
64	64.1	52.6	78.8
63	31.0	26.0	39.0

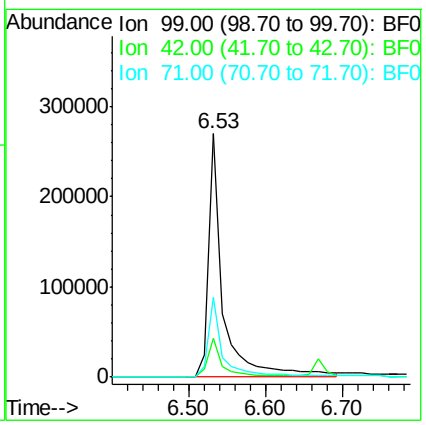


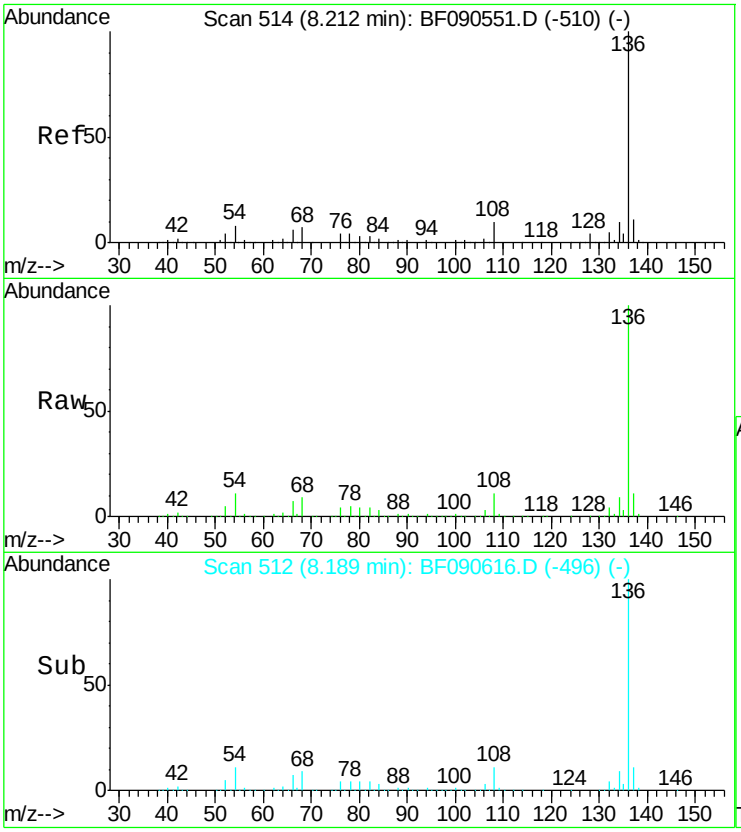


#7
Phenol-d6
Concen: 25.29 ng
RT: 6.53 min Scan# 367
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion: 99 Resp: 354780

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.7	22.1
71	32.6	27.6	41.4



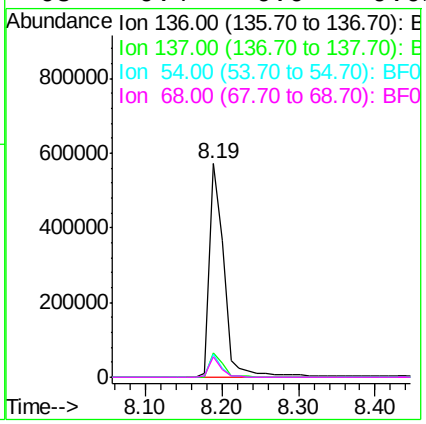


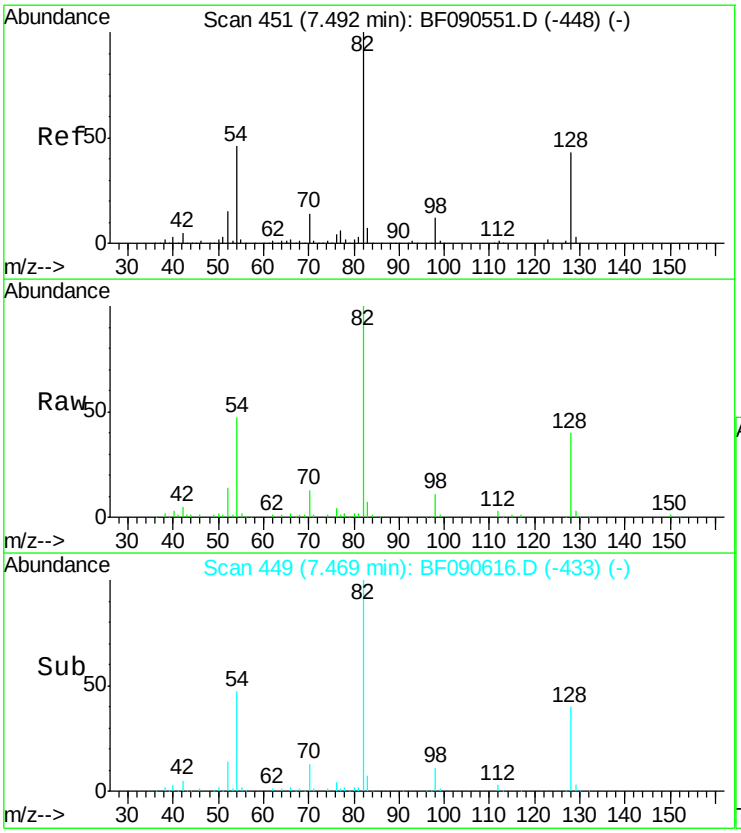
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:136 Resp: 753322

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.8	6.8	10.2#
68	9.4	6.0	9.0#

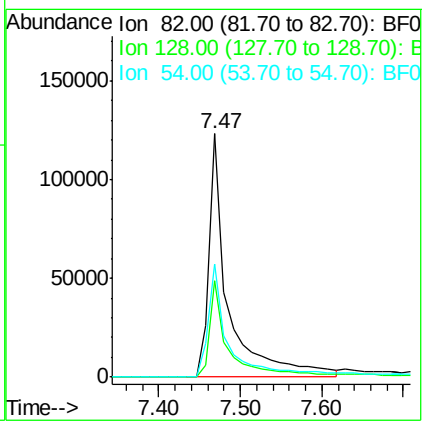


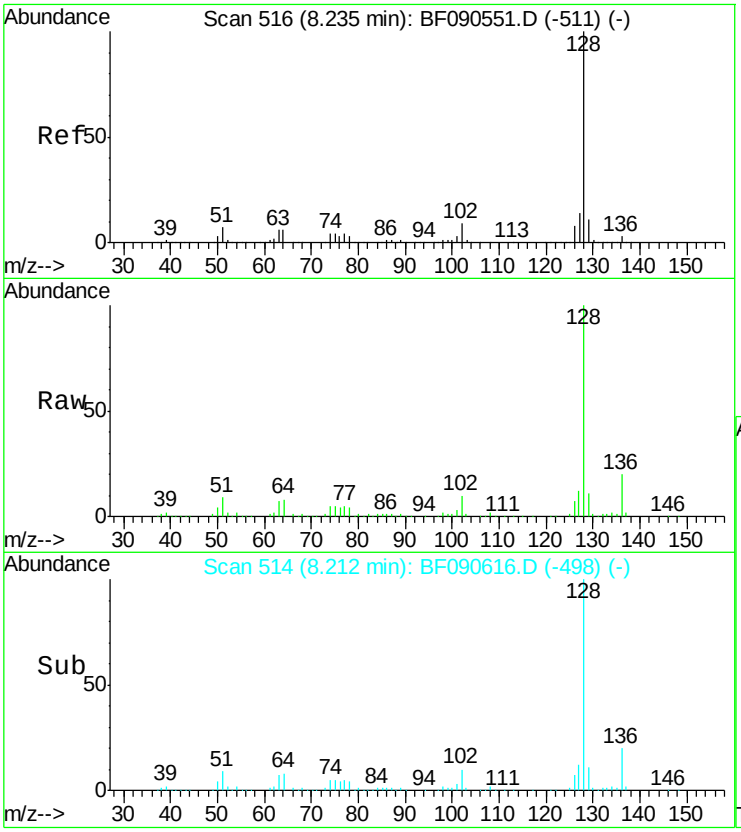


#23
Nitrobenzene-d5
Concen: 15.30 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion: 82 Resp: 207485

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.3	51.5
54	46.6	37.0	55.6



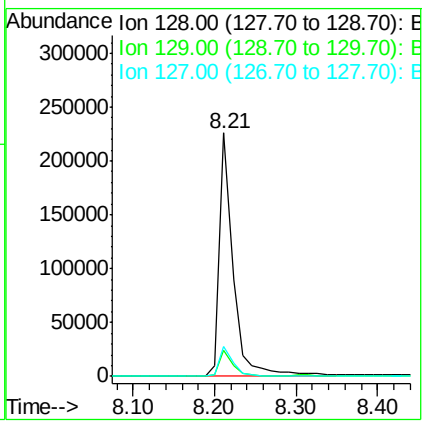


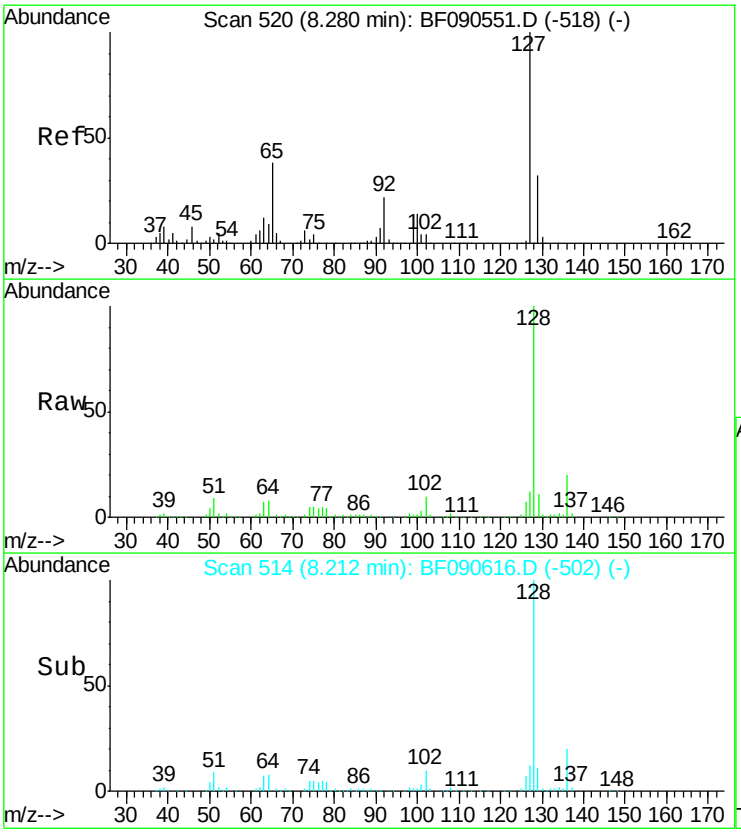
#31
Naphthalene
Concen: 6.94 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:128 Resp: 266149

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	12.4	10.8	16.2

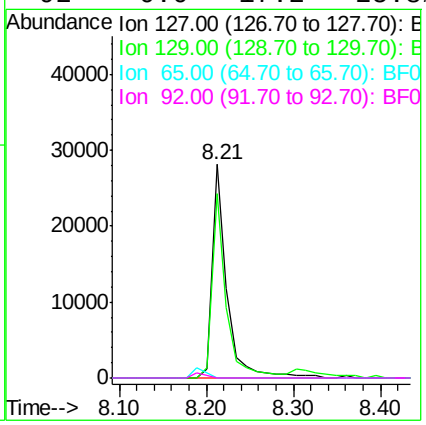


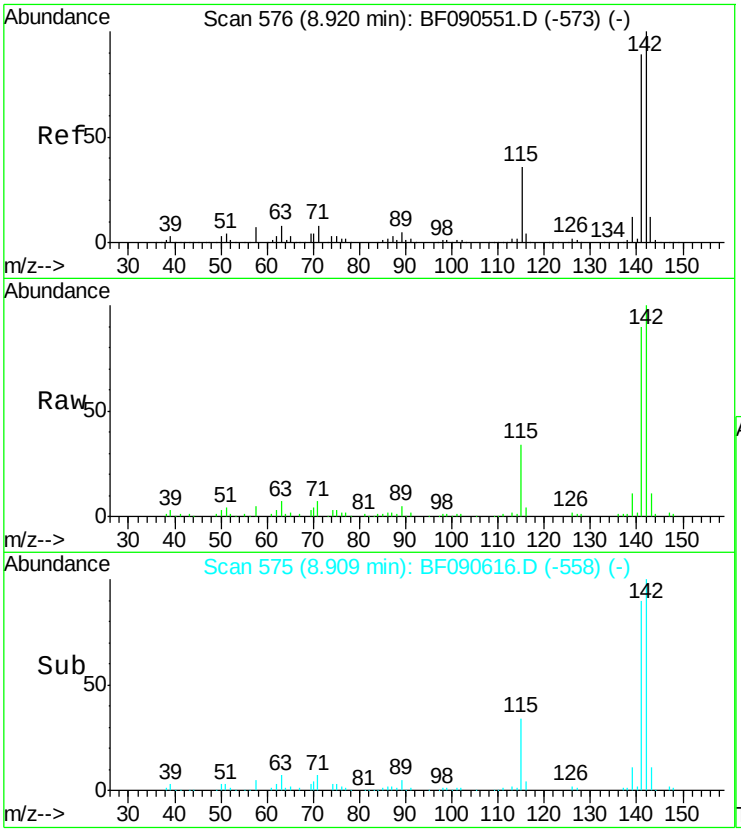


#33
4-Chloroaniline
Concen: 2.28 ng
RT: 8.21 min Scan# 514
Delta R.T. -0.06 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:127 Resp: 33433

Ion	Ratio	Lower	Upper
127	100		
129	86.3	26.2	39.2#
65	0.0	30.1	45.1#
92	0.0	17.2	25.8#



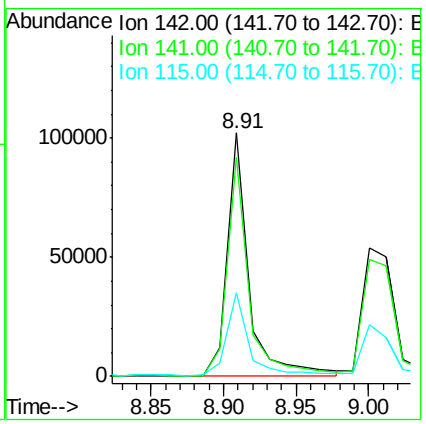


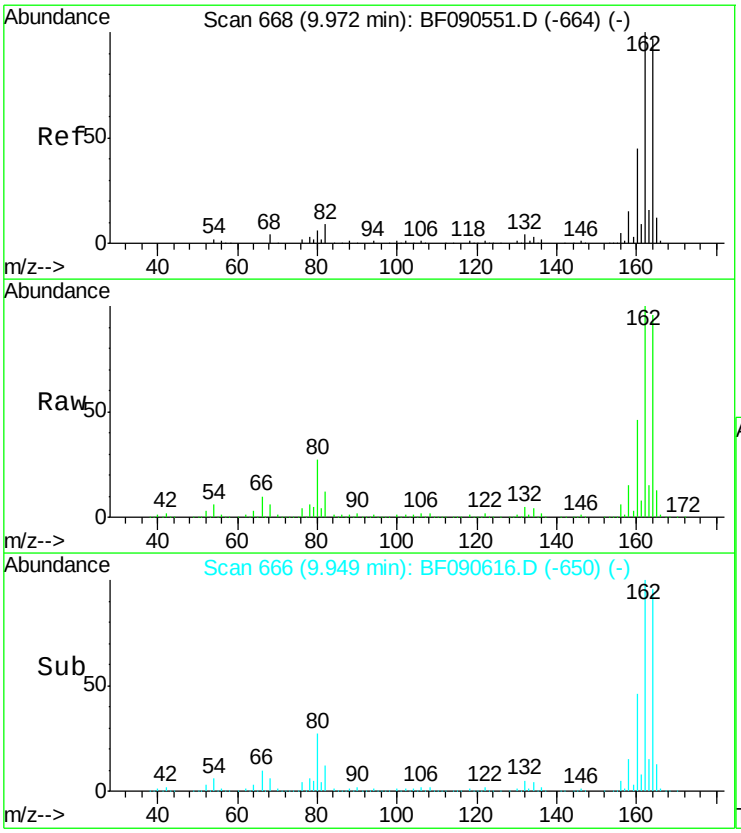
#37
2-Methylnaphthalene
Concen: 4.70 ng
RT: 8.91 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:142 Resp: 105936

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	34.3	28.8	43.2

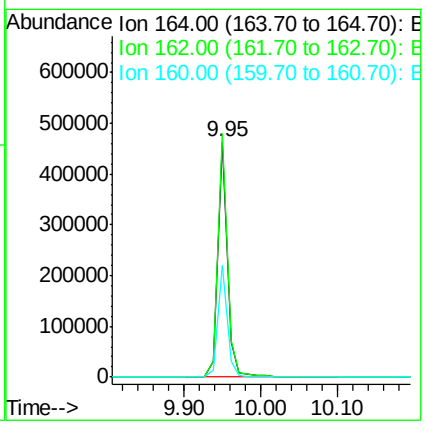


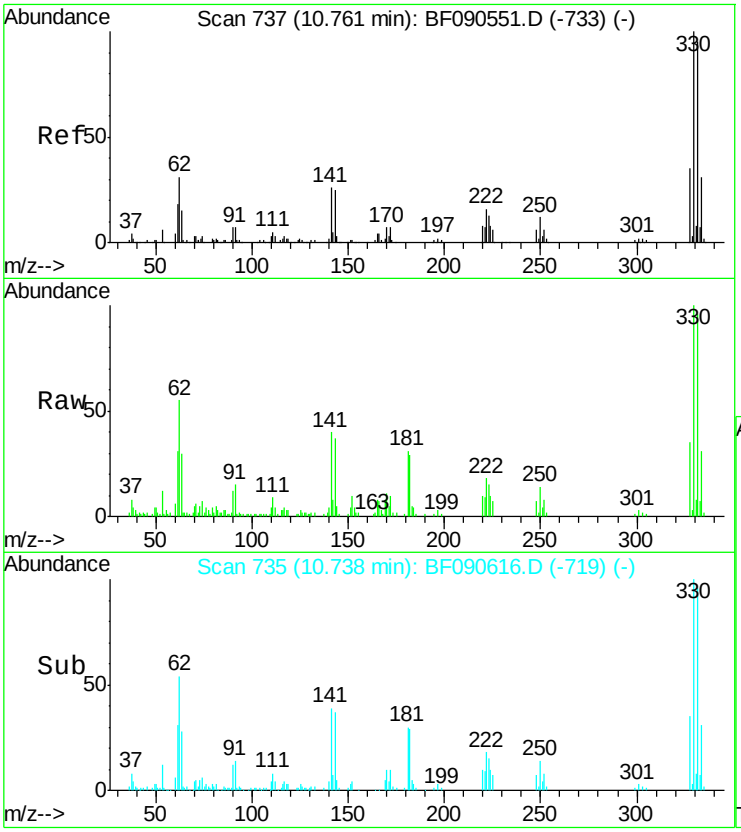


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:164 Resp: 405048

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.4
160	47.6	36.6	55.0



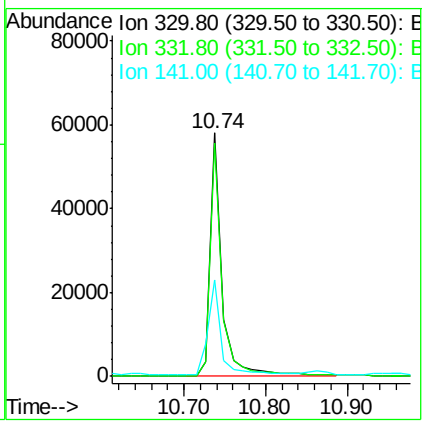


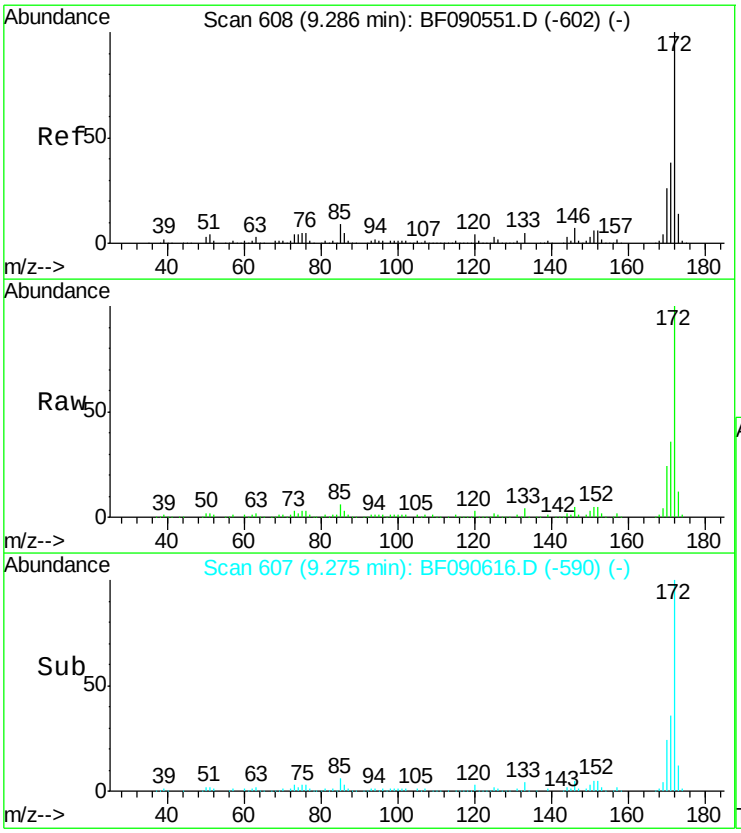
#41
2,4,6-Tribromophenol
Concen: 16.87 ng
RT: 10.74 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:330 Resp: 60905

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.2	114.2
141	43.0	31.4	47.2

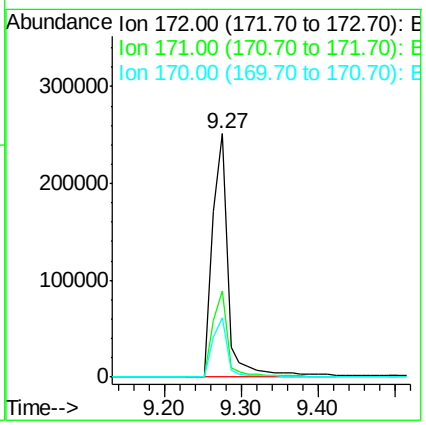


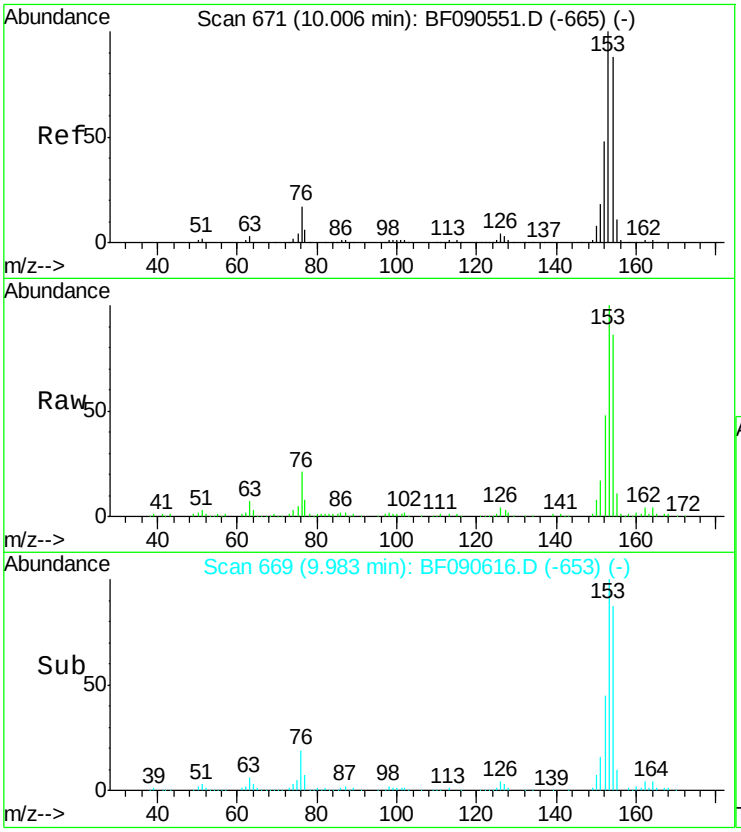


#44
2-Fluorobiphenyl
Concen: 14.49 ng
RT: 9.27 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:172 Resp: 356286

Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.1	45.1
170	24.2	20.6	30.8



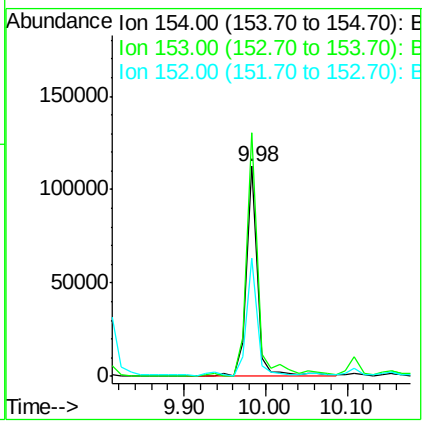


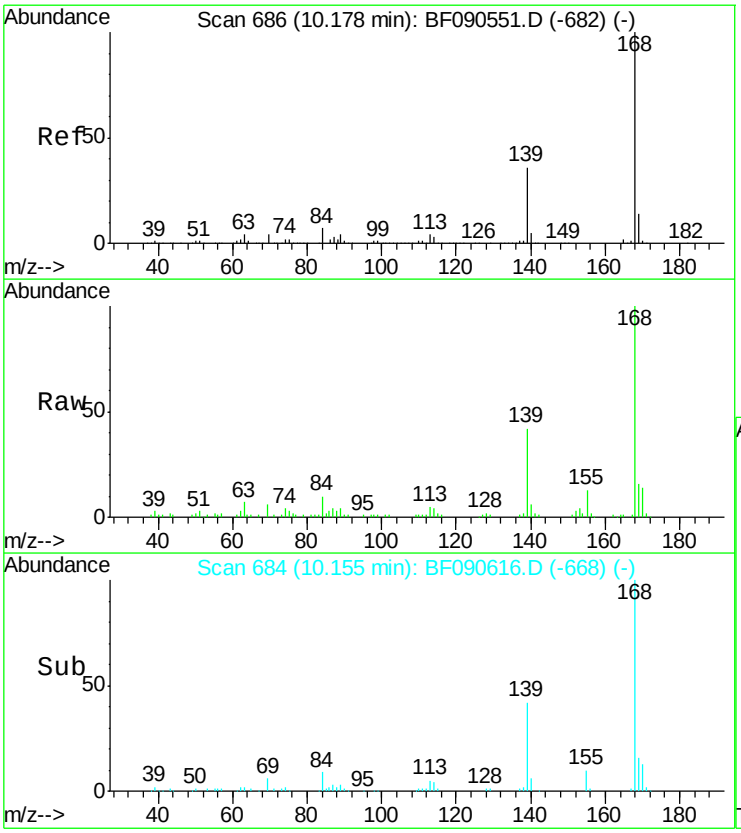
#51
Acenaphthene
Concen: 4.37 ng
RT: 9.98 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:154 Resp: 106233

Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.2	136.8
152	56.2	44.0	66.0

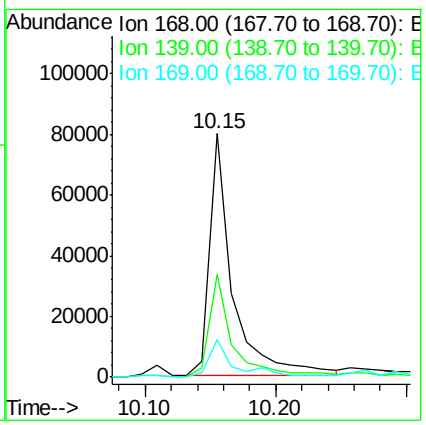


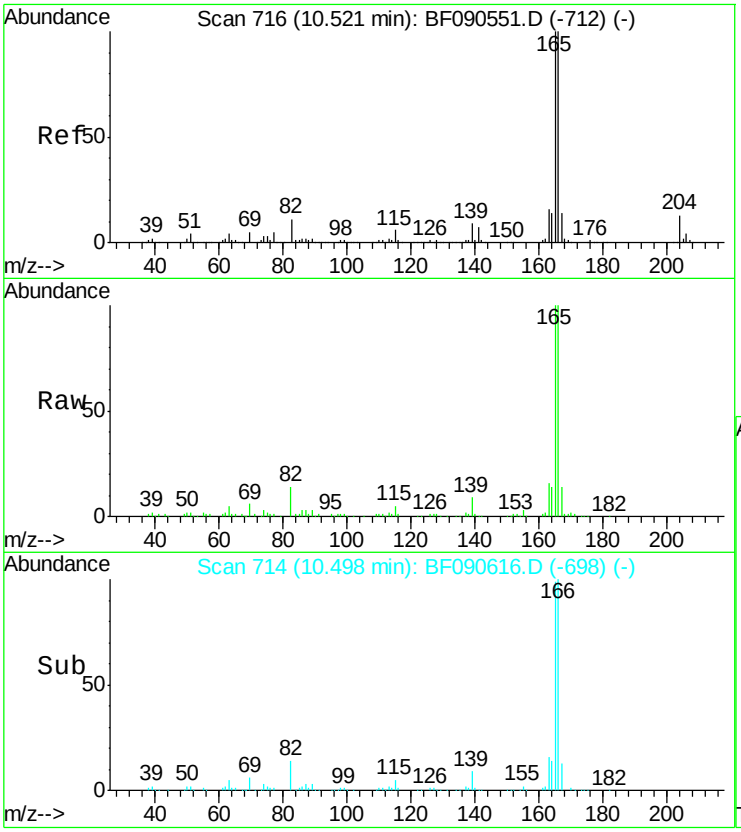


#54
Dibenzofuran
Concen: 3.09 ng
RT: 10.15 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:168 Resp: 98744

Ion	Ratio	Lower	Upper
168	100		
139	42.1	30.5	45.7
169	15.7	10.9	16.3



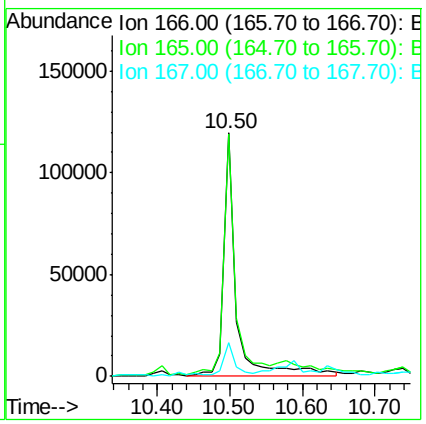


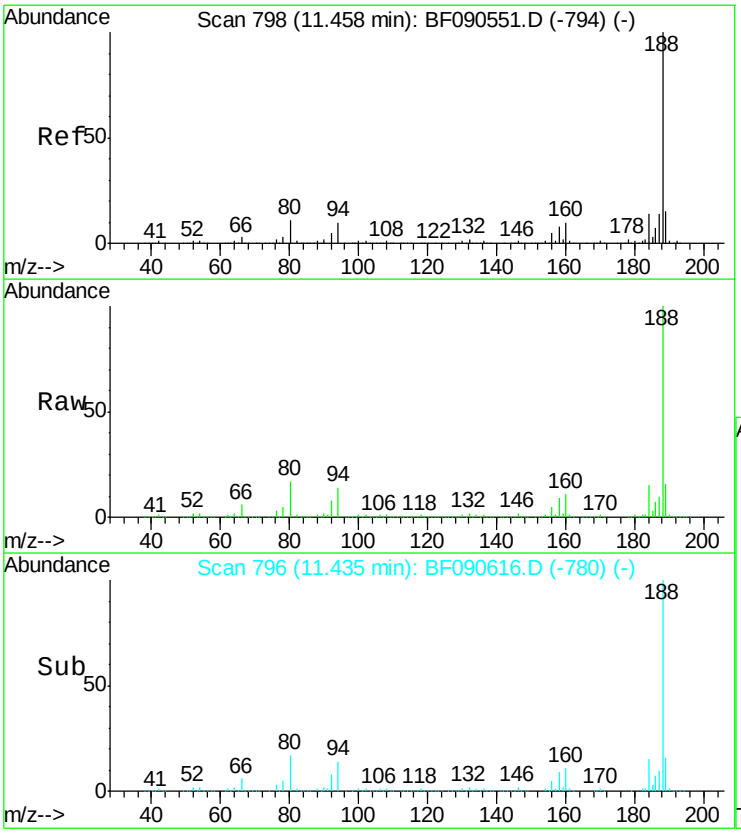
#57
Fluorene
Concen: 5.26 ng
RT: 10.50 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:166 Resp: 138942

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	13.7	10.9	16.3

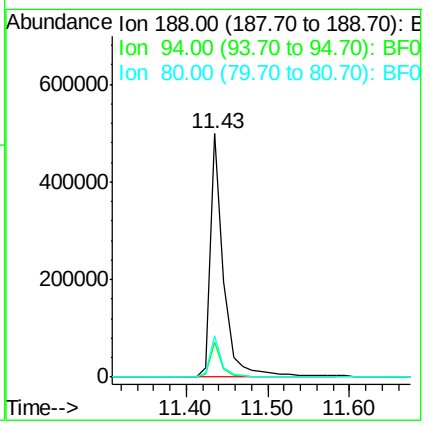


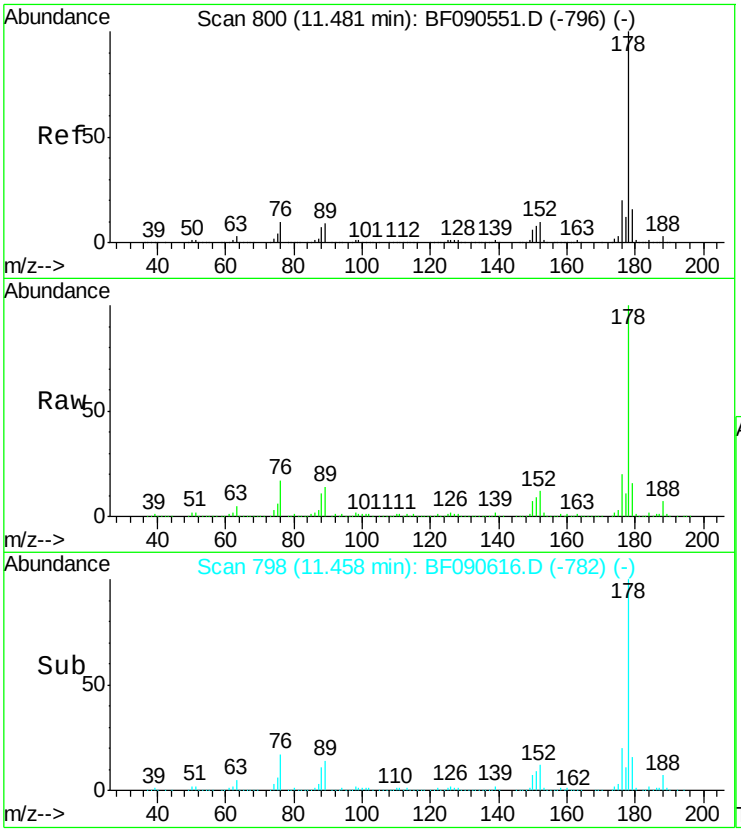


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:188 Resp: 573424

Ion	Ratio	Lower	Upper
188	100		
94	14.5	7.7	11.5#
80	16.7	8.6	12.8#



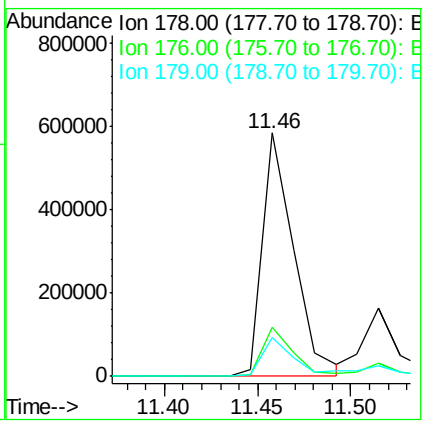


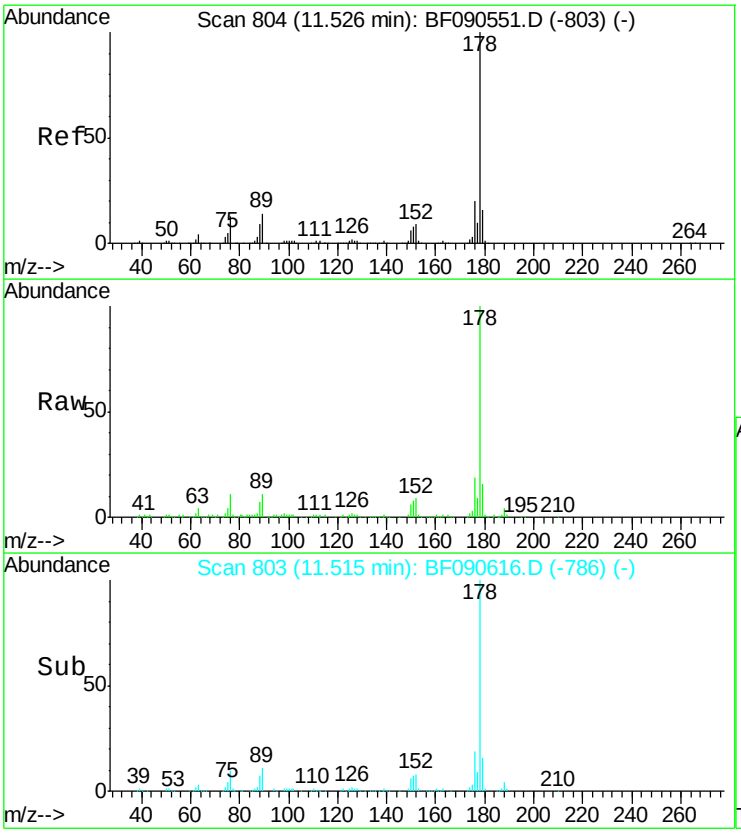
#70
Phenanthrene
Concen: 22.27 ng
RT: 11.46 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:178 Resp: 681652

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	15.9	12.6	19.0

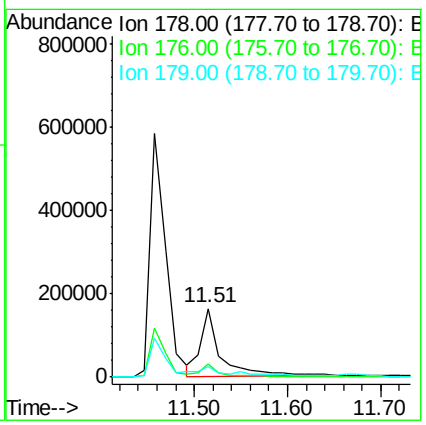


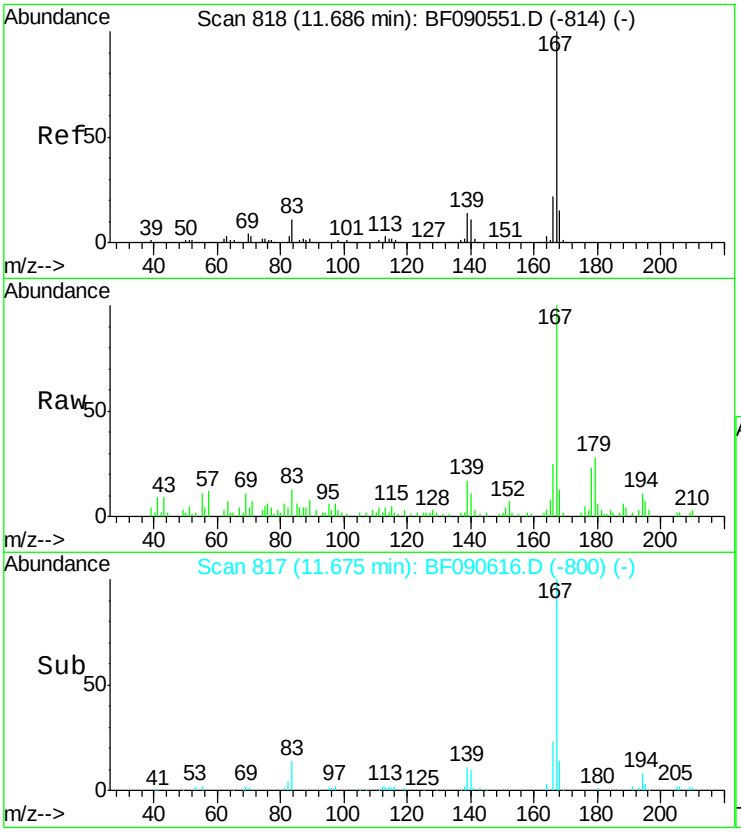


#71
Anthracene
Concen: 7.25 ng
RT: 11.51 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:178 Resp: 238934

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	16.1	13.0	19.4



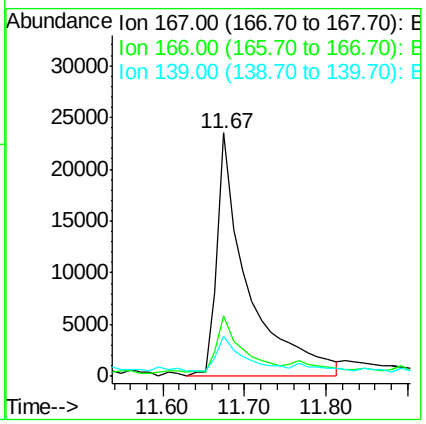


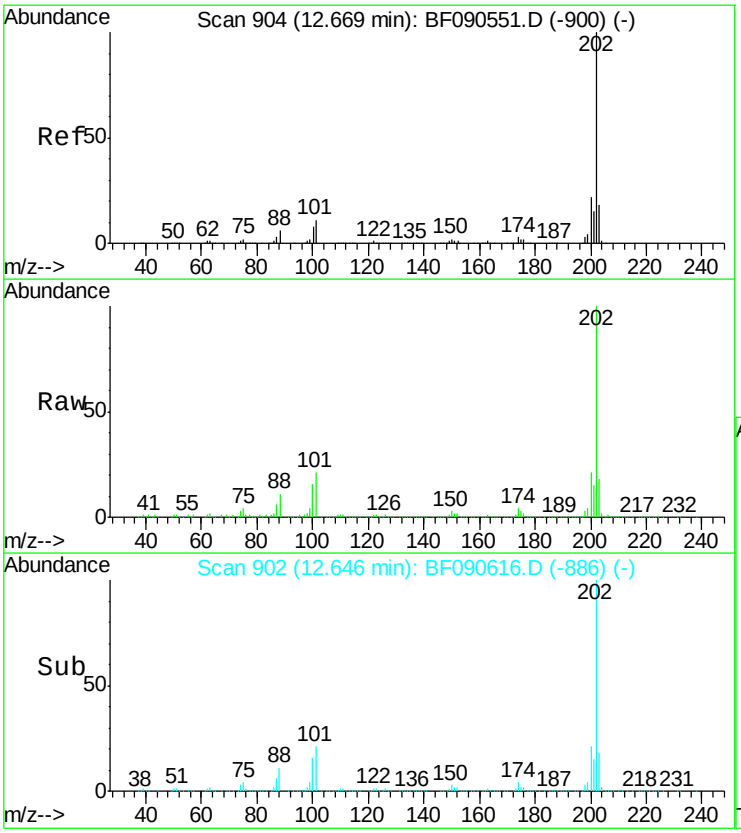
#72
Carbazole
Concen: 2.11 ng
RT: 11.67 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:167 Resp: 62084

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.8	26.8
139	16.7	11.3	16.9

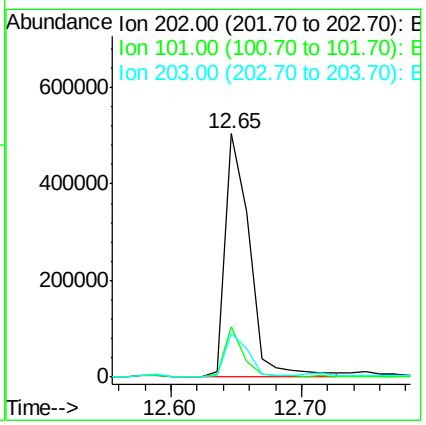


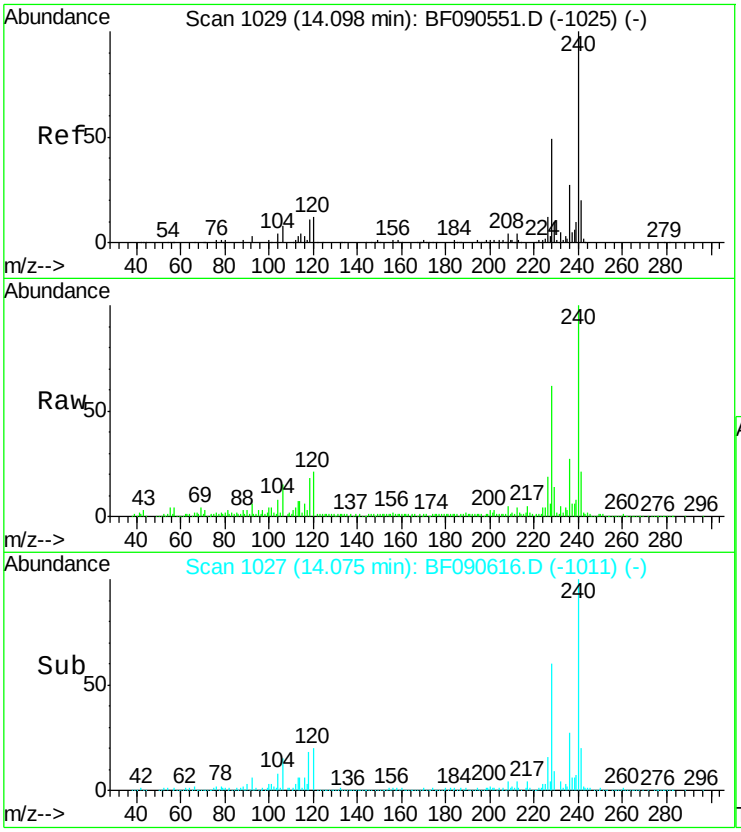


#74
Fluoranthene
Concen: 20.92 ng
RT: 12.65 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:202 Resp: 644071

Ion	Ratio	Lower	Upper
202	100		
101	20.8	0.0	31.1
203	18.1	0.0	38.0



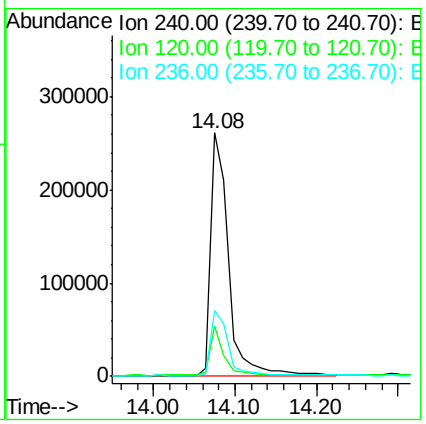


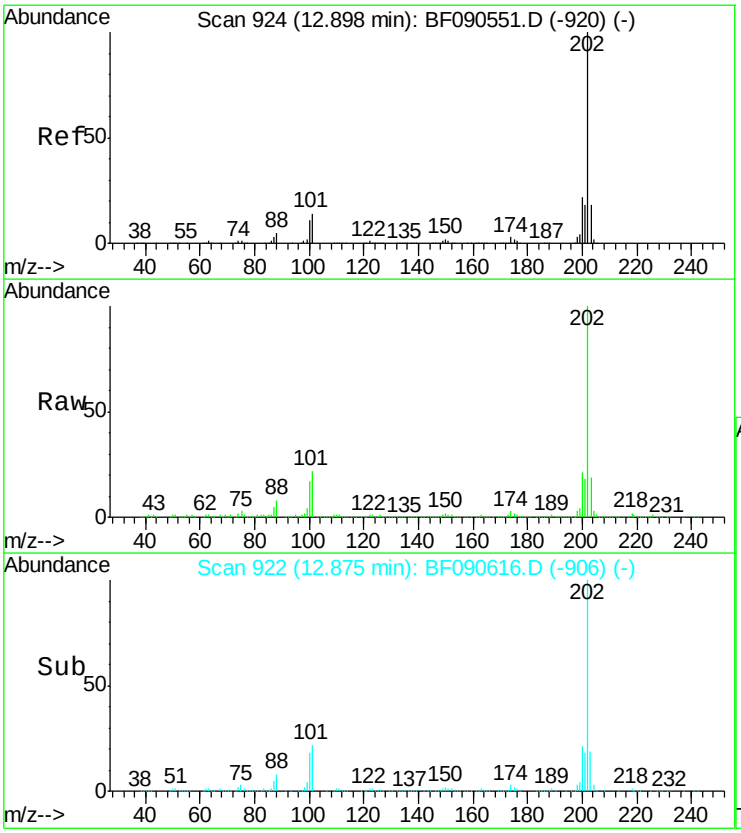
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:240 Resp: 399775

Ion	Ratio	Lower	Upper
240	100		
120	20.5	9.8	14.8#
236	27.2	21.7	32.5

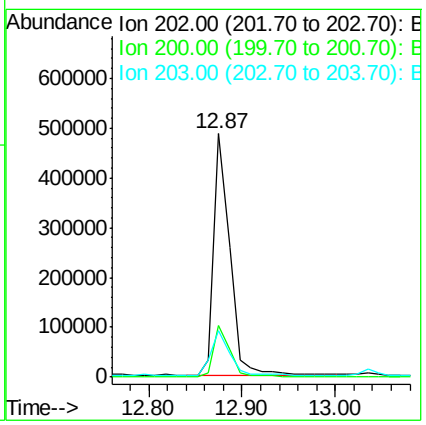


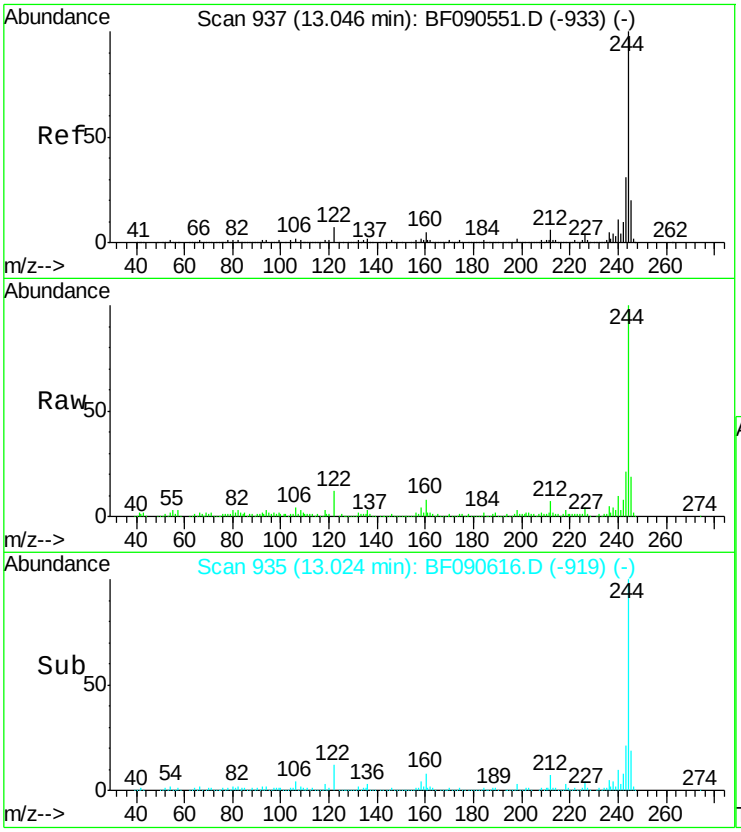


#77
Pyrene
Concen: 22.27 ng
RT: 12.87 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:202 Resp: 589679

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.6
203	19.1	14.6	21.8



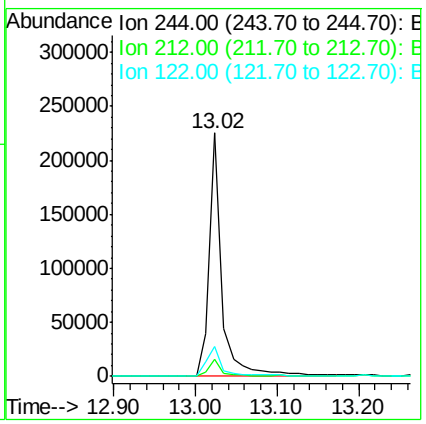


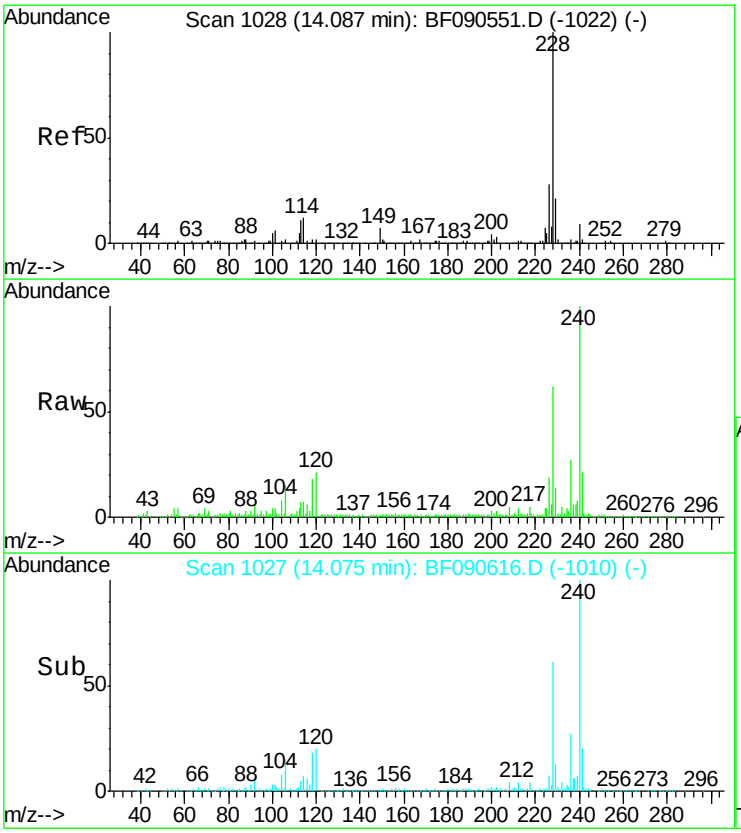
#78
Terphenyl-d14
Concen: 14.54 ng
RT: 13.02 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:244 Resp: 249686

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	12.3	5.6	8.4#

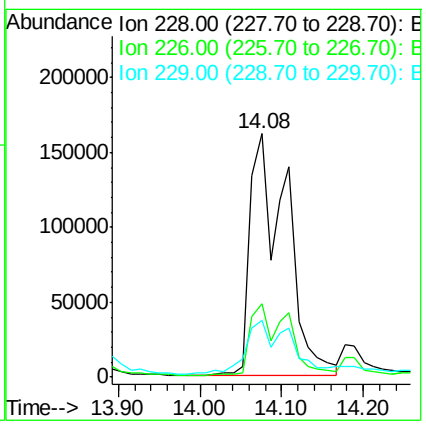


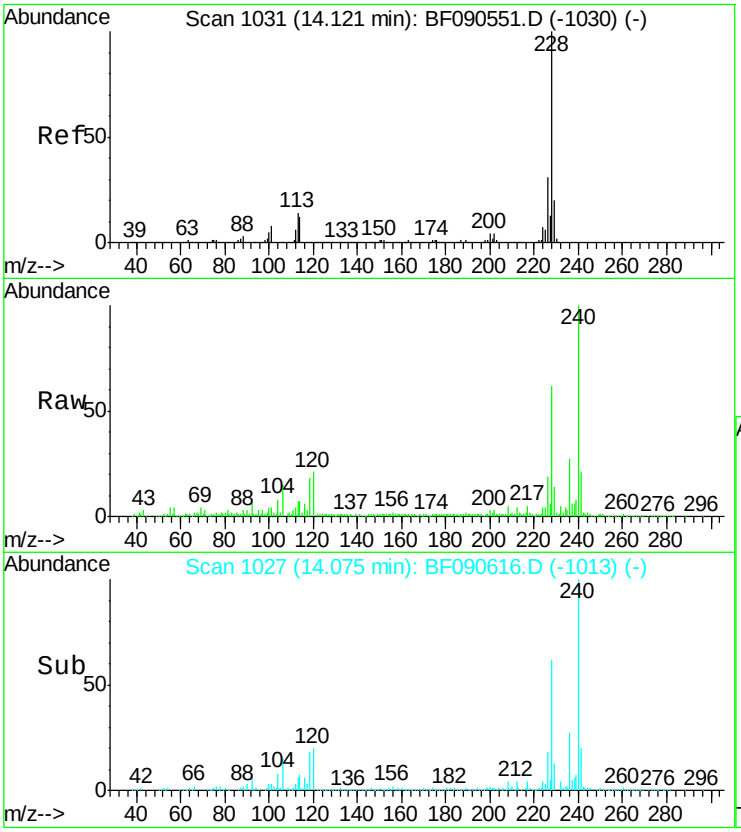


#80
Benzo(a)anthracene
Concen: 21.60 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:228 Resp: 491608

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.8	34.2
229	23.2	16.6	25.0



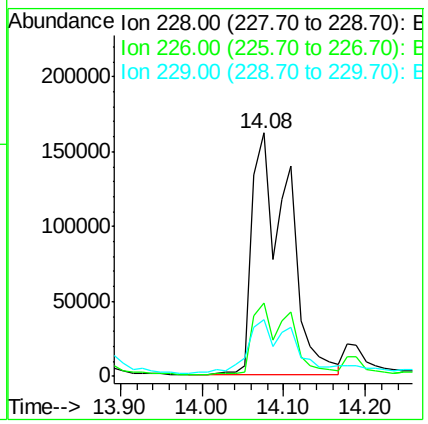


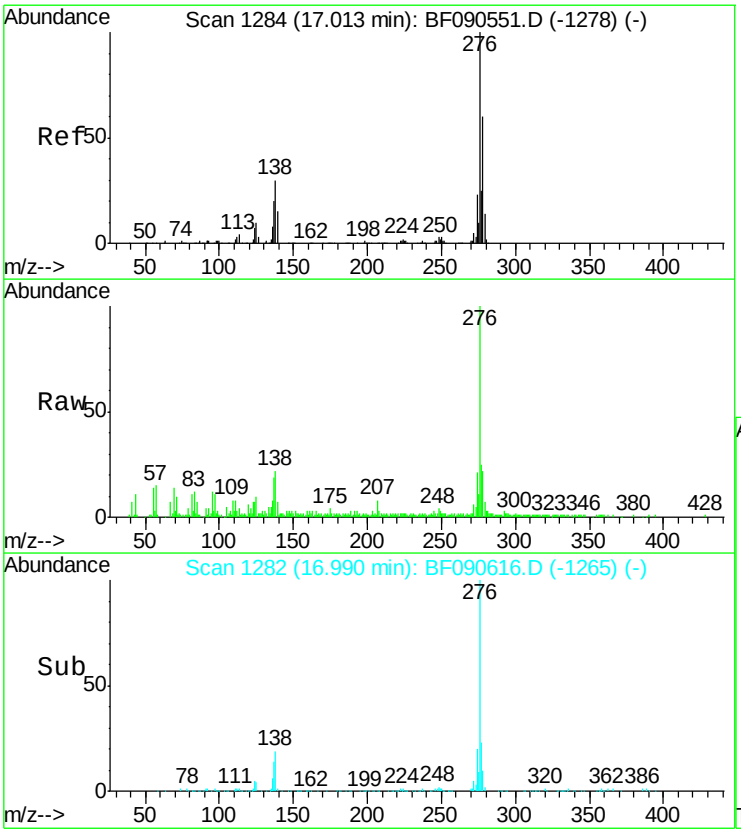
#82
Chrysene
Concen: 22.42 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:228 Resp: 491608

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.8	37.2
229	23.2	16.2	24.4

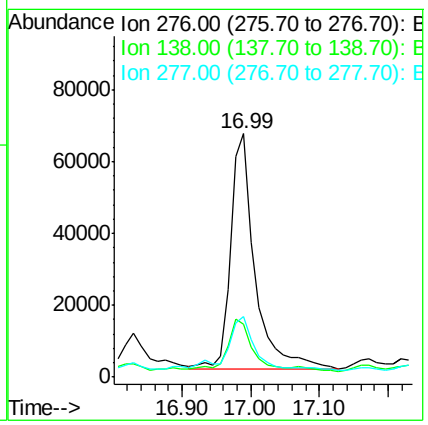


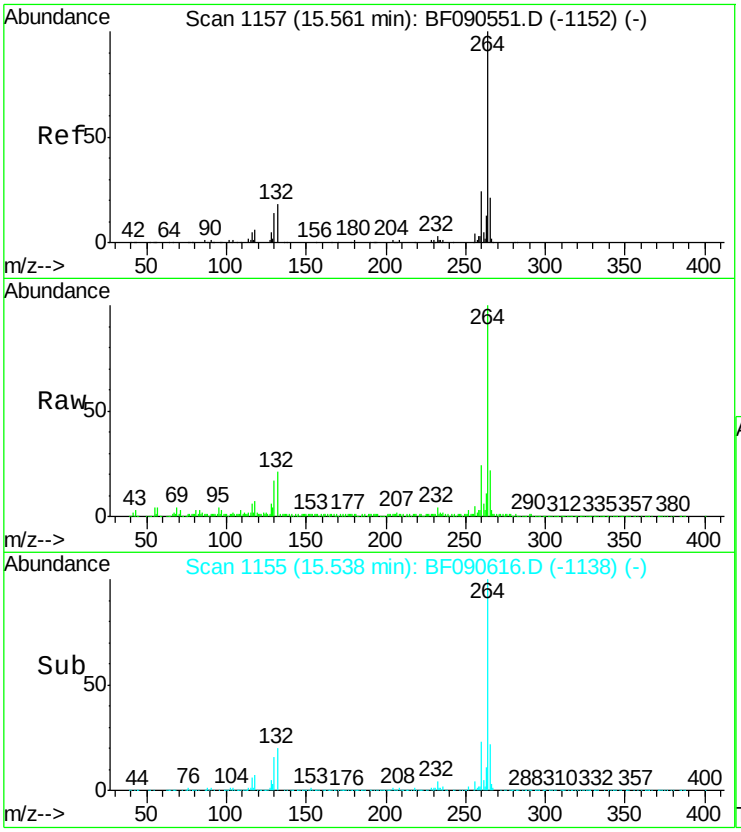


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.68 ng
RT: 16.99 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:276 Resp: 160766

Ion	Ratio	Lower	Upper
276	100		
138	20.2	25.8	38.6#
277	28.5	20.1	30.1



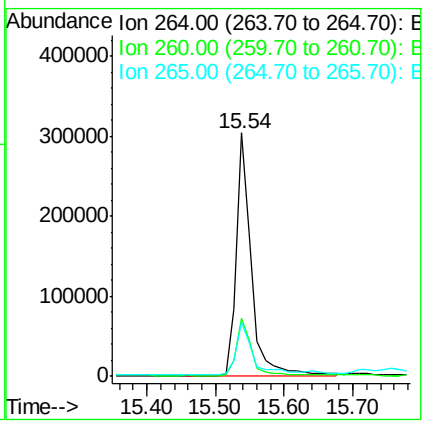


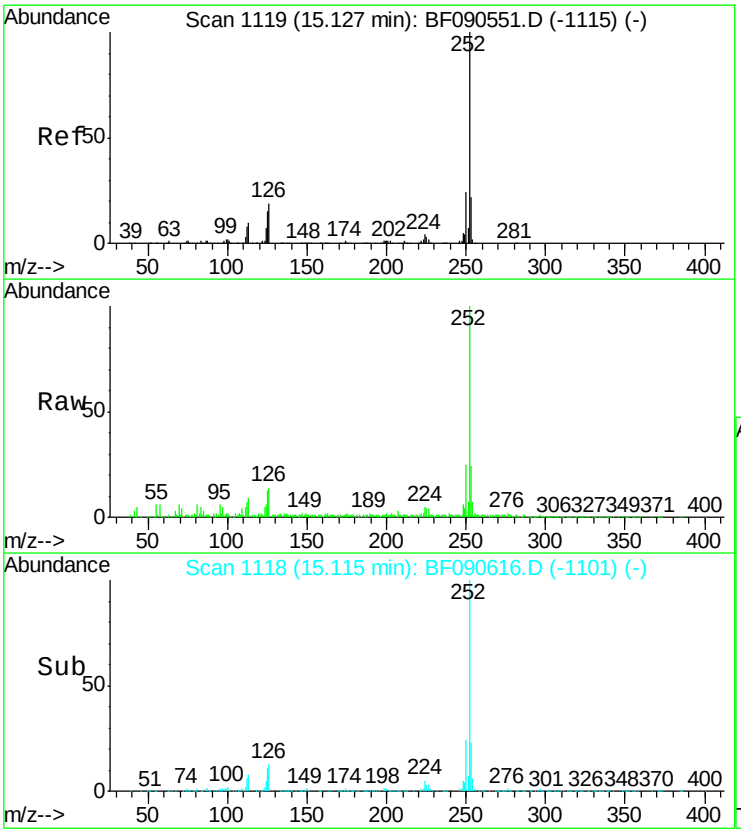
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:264 Resp: 467494

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.2	16.7	25.1

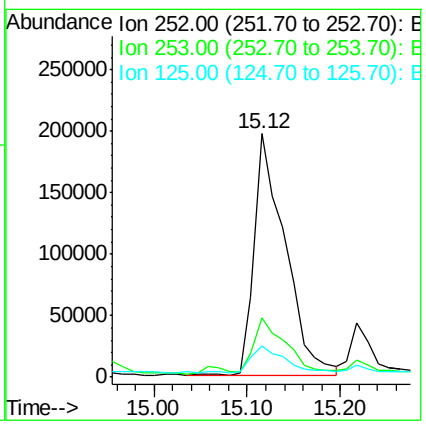


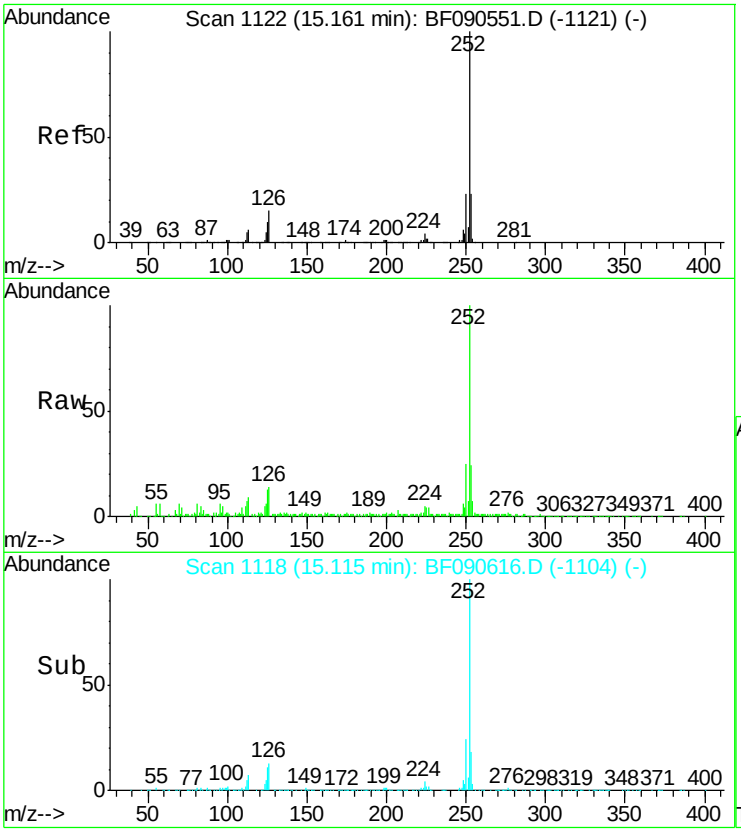


#87
Benzo(b)fluoranthene
Concen: 14.74 ng
RT: 15.12 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:252 Resp: 450915

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	12.9	12.0	18.0



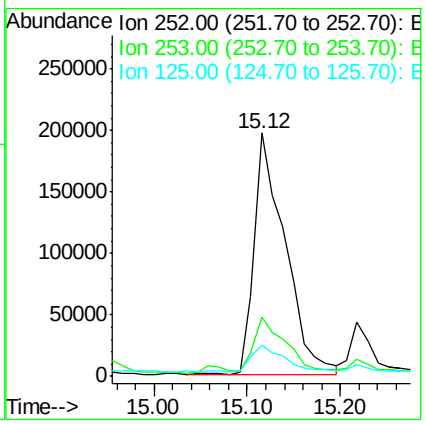


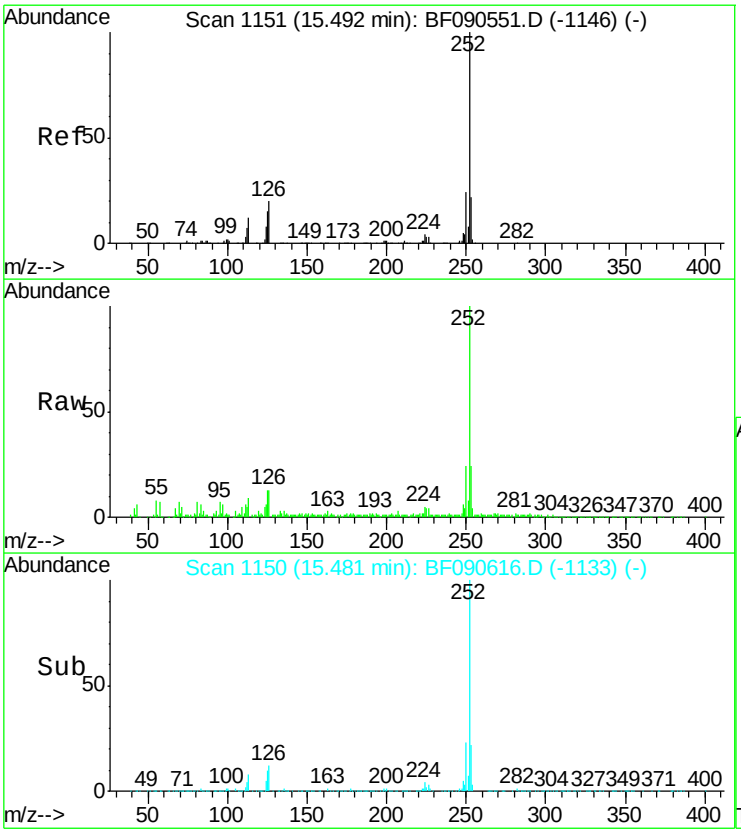
#88
Benzo(k)fluoranthene
Concen: 13.70 ng
RT: 15.12 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:252 Resp: 450915

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.9	10.0	15.0

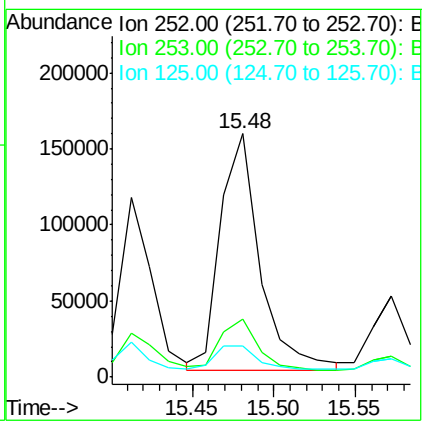


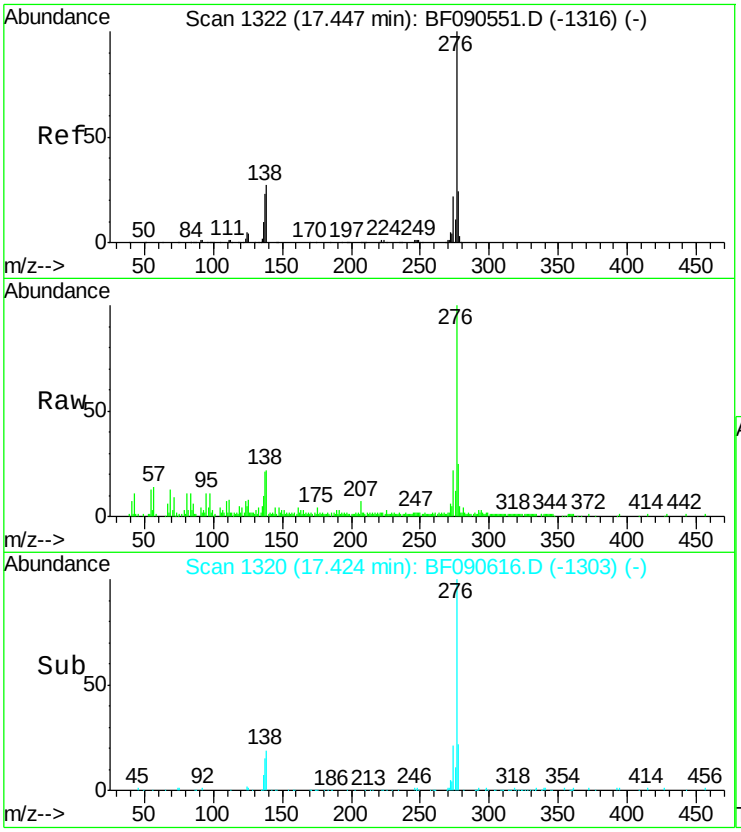


#89
Benzo(a)pyrene
Concen: 9.40 ng
RT: 15.48 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Tgt Ion:252 Resp: 263309

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	12.6	12.3	18.5





#91
Benzo(g,h,i)perylene
Concen: 7.81 ng
RT: 17.42 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF090616.D
Acq: 17 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
NEWARK-POMPTON

Tgt Ion:276 Resp: 159058

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	22.3	21.8	32.8