Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084045.D
Acq On : 23 Dec 2015 20:42
Operator : UM/SJ
Sample : G4933-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JFK-COMP

Quant Time: Dec 24 02:20:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	50896	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	188264	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	90738	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	135411	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	87841	20.00	ng		-0.01
86) Perylene-d12	15.41	264	88153	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	373809	125.23	ng		0.00
7) Phenol-d6	6.48	99	577501	164.54	ng		0.00
23) Nitrobenzene-d5	7.39	82	366359	119.55	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	62510	71.62	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	637438	94.54	ng		-0.01
78) Terphenyl-d14	12.93	244	446891	121.33	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.57	163	93305	13.14	ng	#	89
74) Fluoranthene	12.56	202	30855	4.07	ng		96
77) Pyrene	12.79	202	29378	4.93	ng		97
80) Benzo(a)anthracene	13.97	228	17616	3.48	ng		96
82) Chrysene	14.01	228	11879m	2.53	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	12093	3.18	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.84	276	10359	2.66	ng	#	85
87) Benzo(b)fluoranthene	15.01	252	19488m	3.51	ng		
89) Benzo(a)pyrene	15.37	252	14615	2.84	ng	#	43
91) Benzo(g,h,i)perylene	17.27	276	9231	2.14	ng	#	81

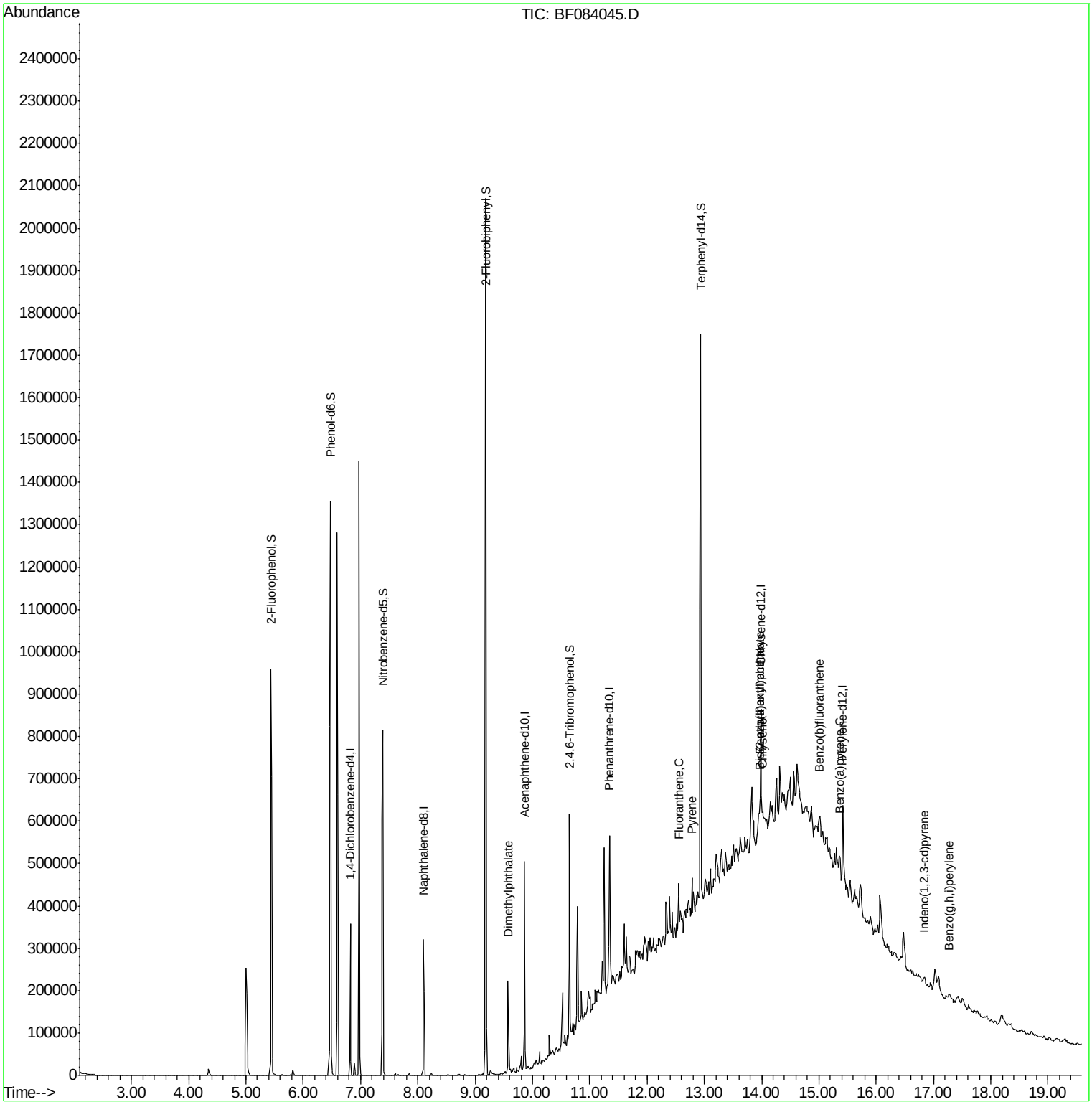
(#) = qualifier out of range (m) = manual integration (+) = signals summed

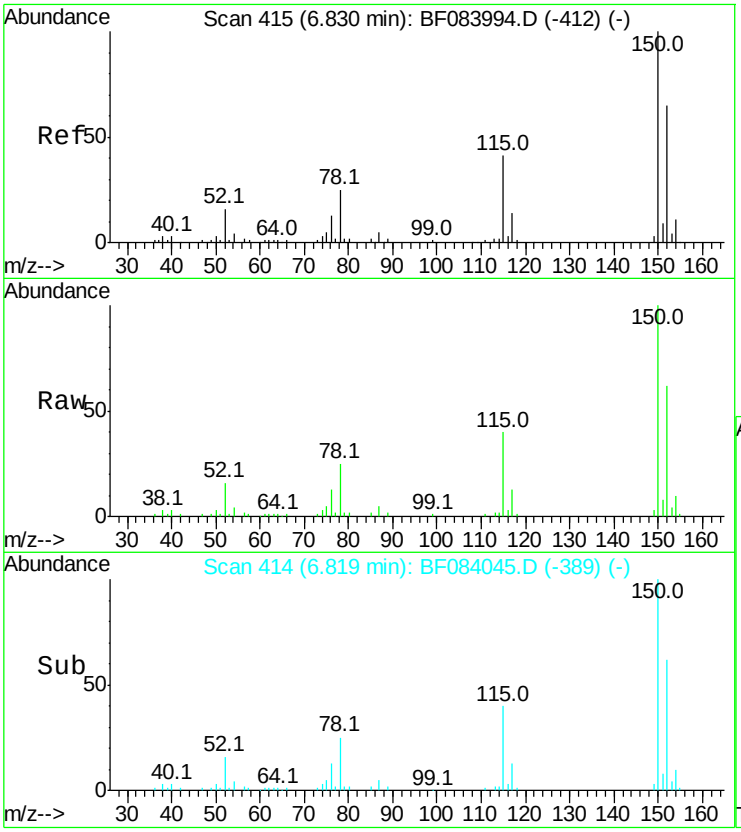
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084045.D
Acq On : 23 Dec 2015 20:42
Operator : UM/SJ
Sample : G4933-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Quant Time: Dec 24 02:20:06 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration



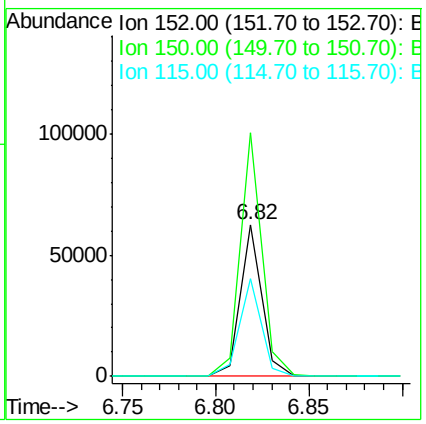


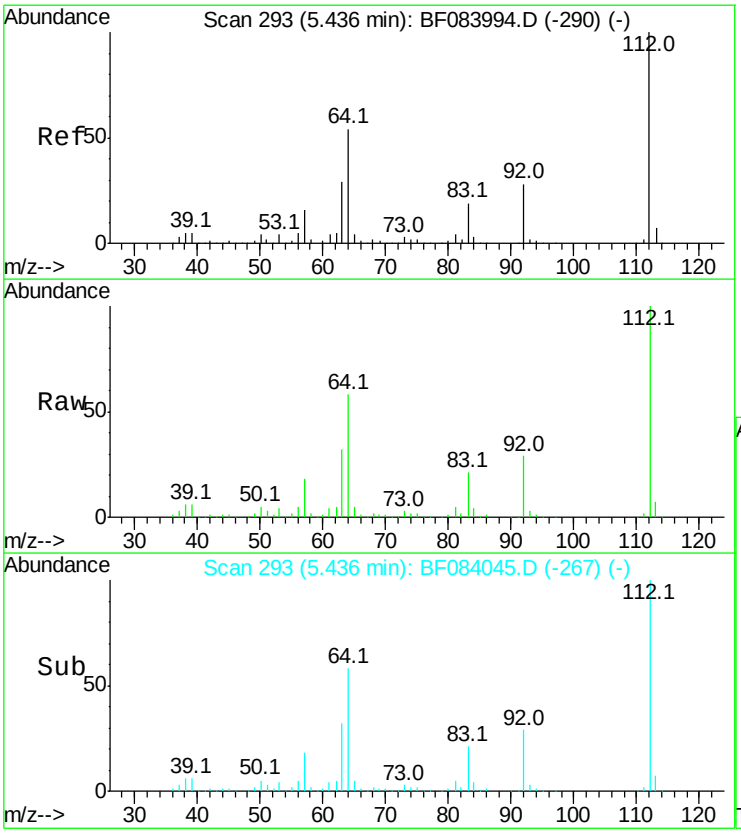
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:152 Resp: 50896

Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.0	184.4
115	64.1	51.4	77.2

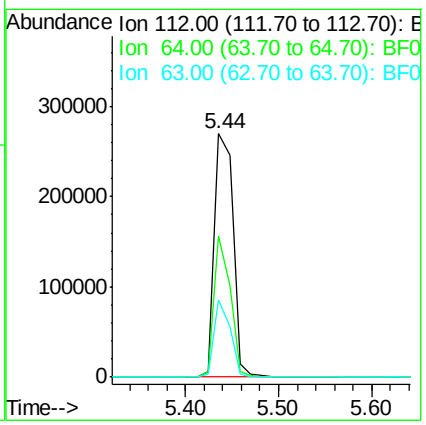


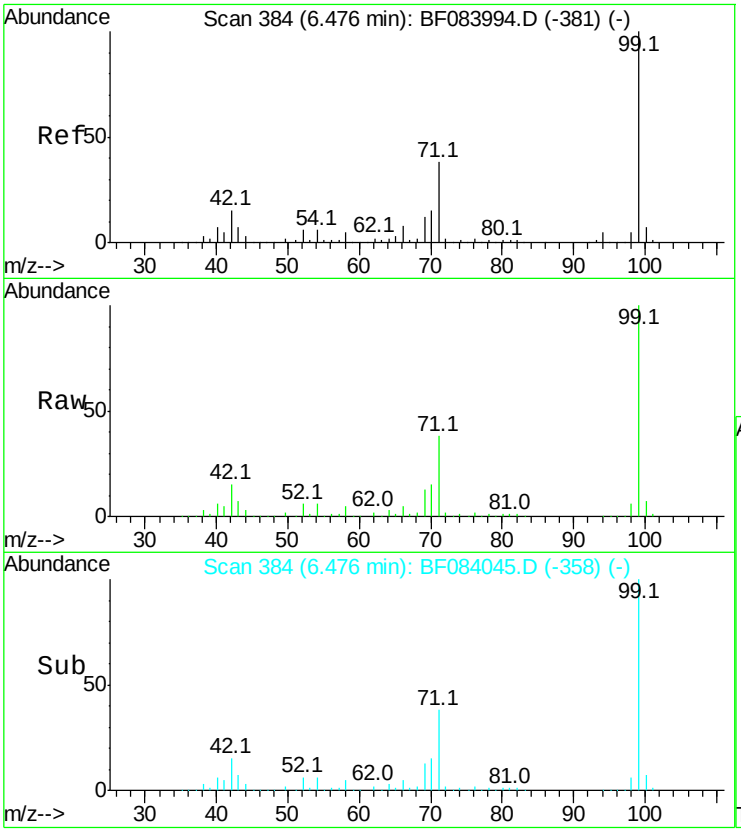


#5
2-Fluorophenol
Concen: 125.23 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:112 Resp: 373809

Ion	Ratio	Lower	Upper
112	100		
64	58.0	36.6	55.0#
63	31.9	19.4	29.0#



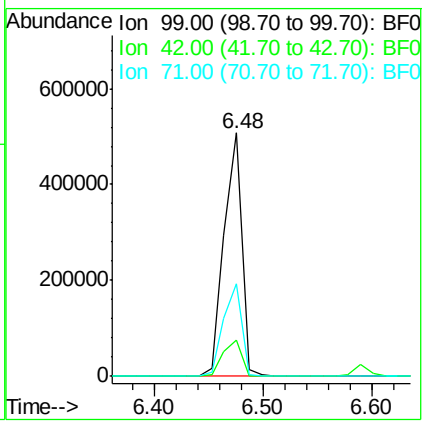


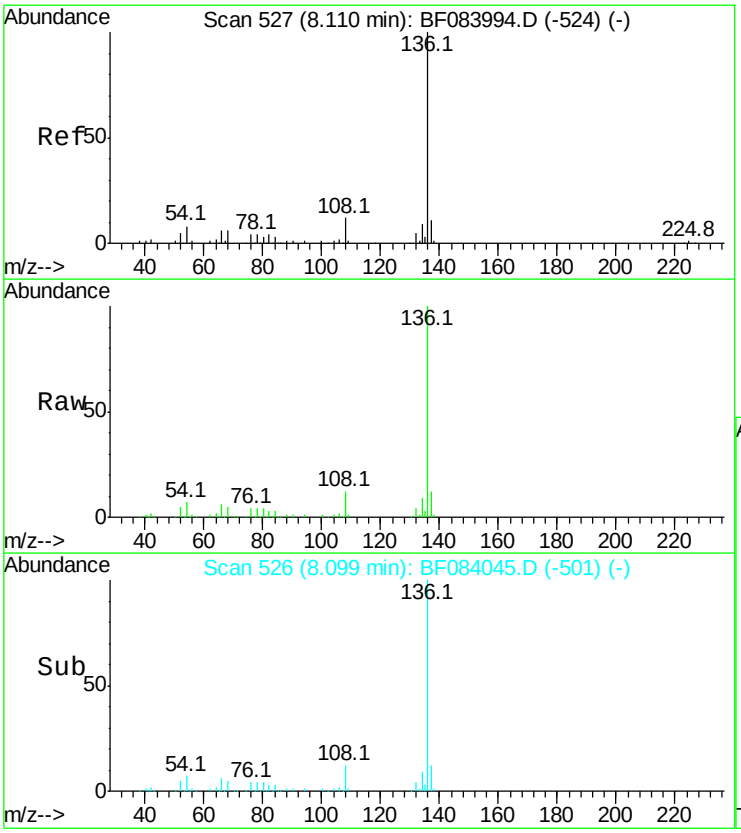
#7
Phenol-d6
Concen: 164.54 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion: 99 Resp: 577501

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.8	19.2
71	38.1	30.9	46.3

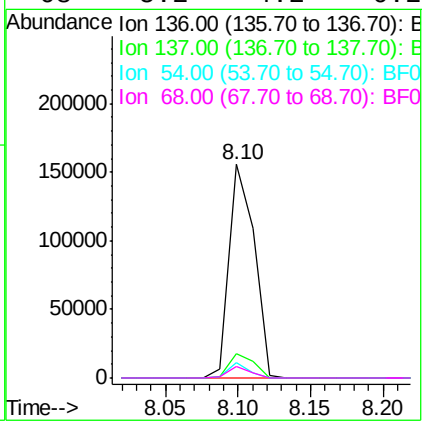


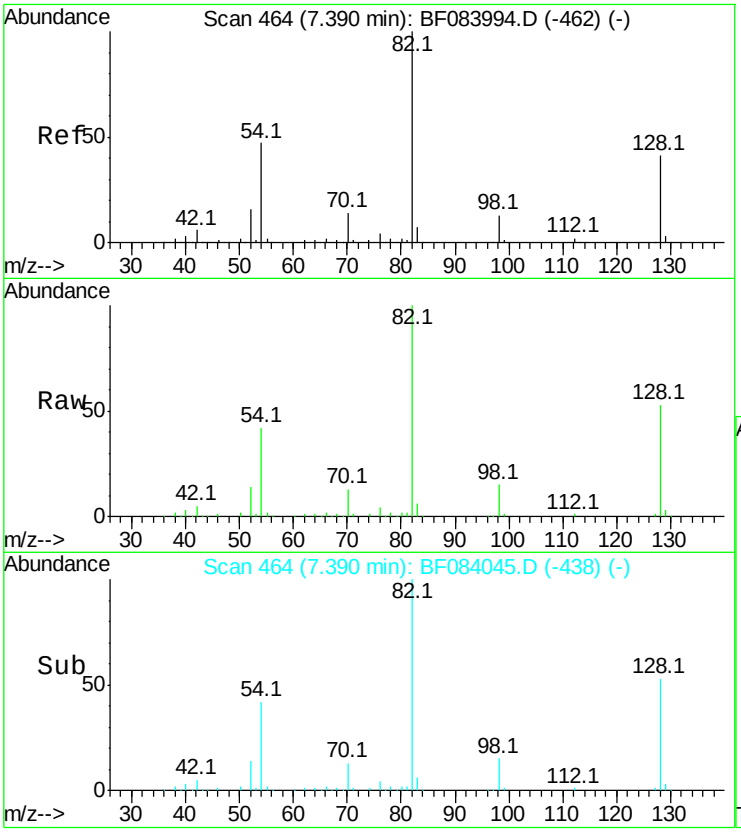


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:136 Resp: 188264

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	7.3	5.8	8.8
68	5.2	4.2	6.2



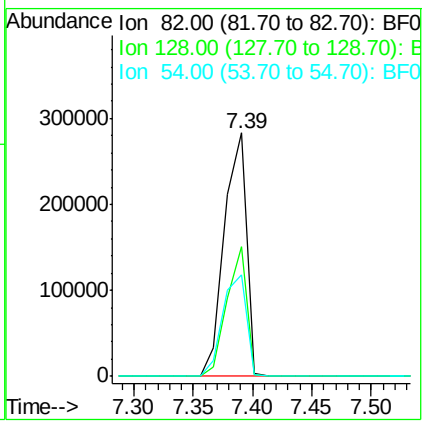


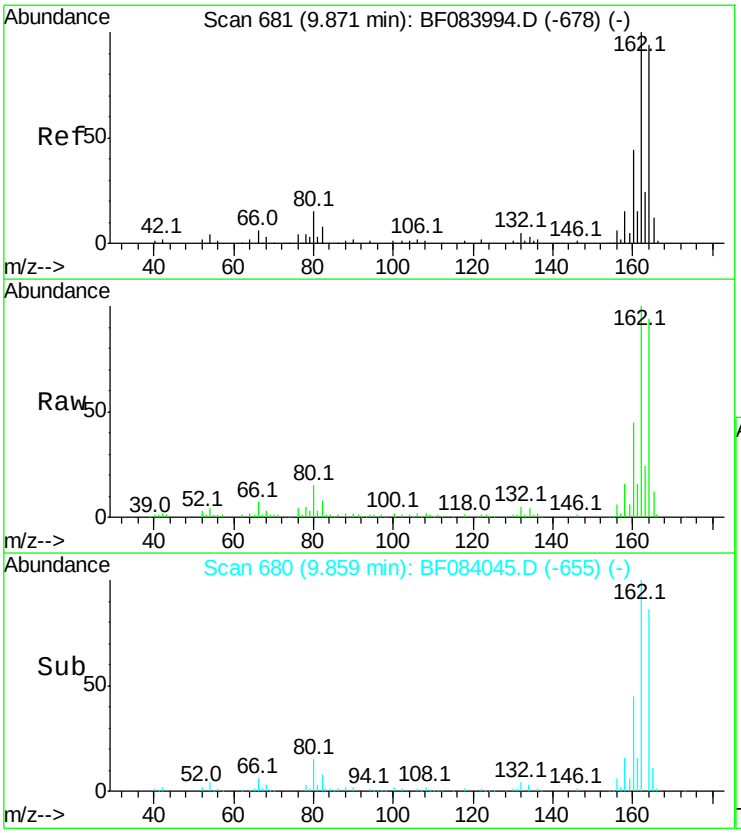
#23
Nitrobenzene-d5
Concen: 119.55 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion: 82 Resp: 366359

Ion	Ratio	Lower	Upper
82	100		
128	53.3	34.6	51.8#
54	41.6	38.4	57.6

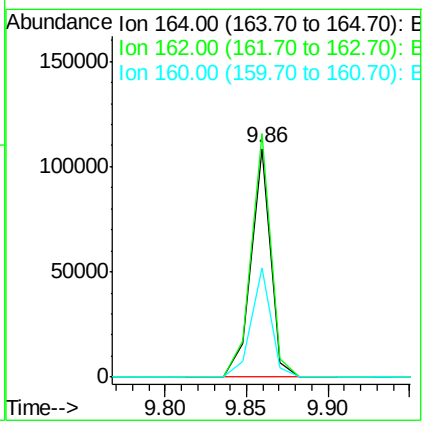


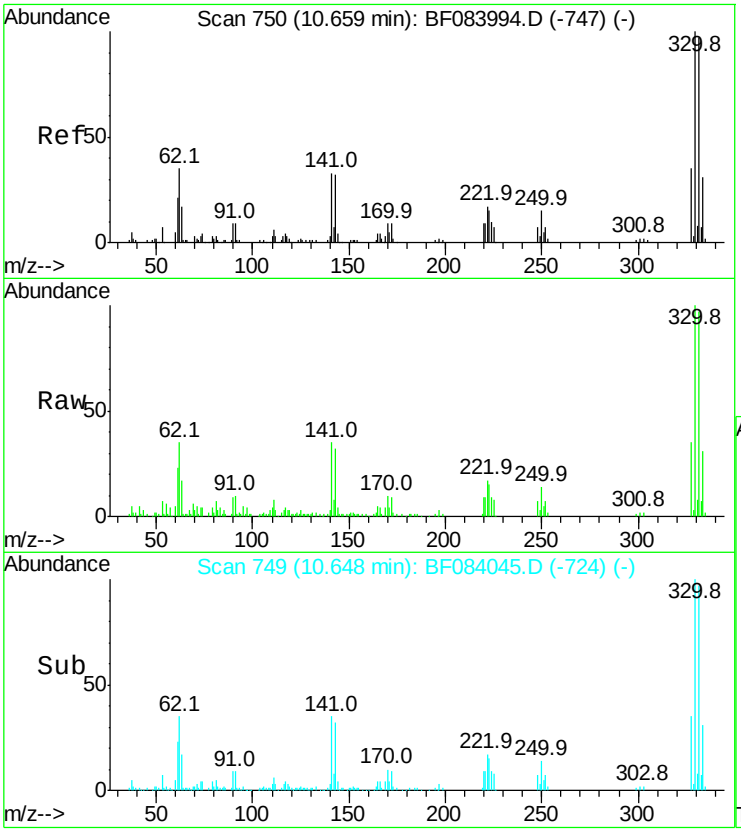


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:164 Resp: 90738

Ion	Ratio	Lower	Upper
164	100		
162	106.4	85.1	127.7
160	47.9	37.5	56.3



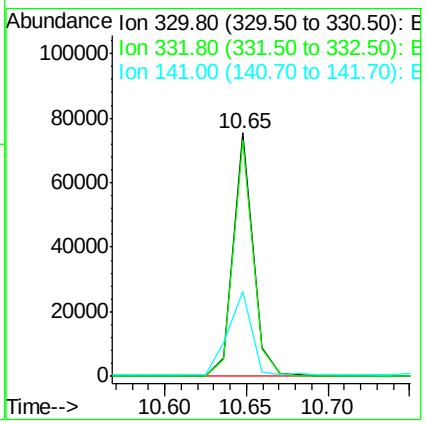


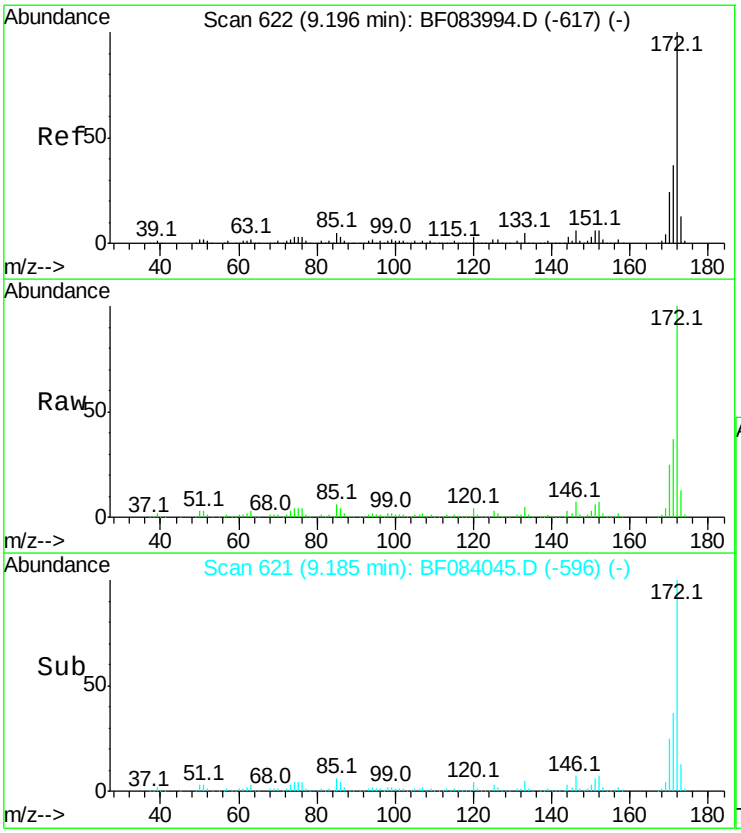
#41
2,4,6-Tribromophenol
Concen: 71.62 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:330 Resp: 62510

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	43.7	27.8	41.6#

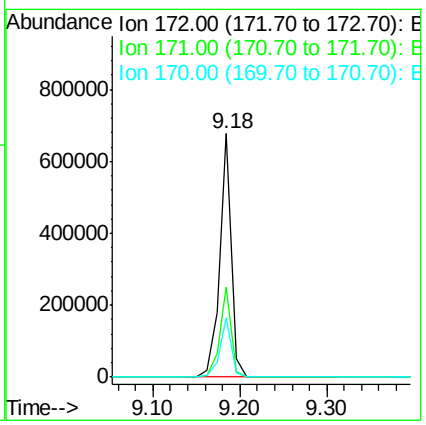


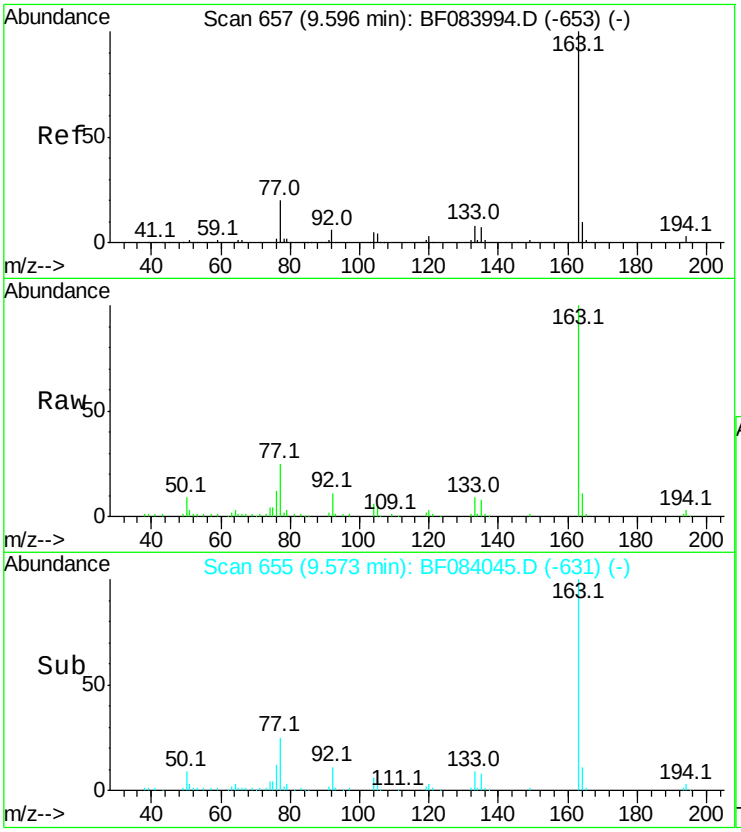


#44
2-Fluorobiphenyl
Concen: 94.54 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:172 Resp: 637438

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	24.5	18.6	27.8



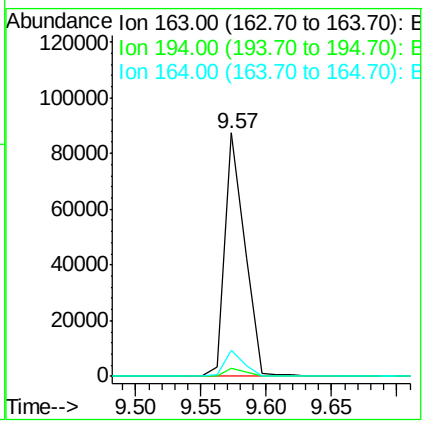


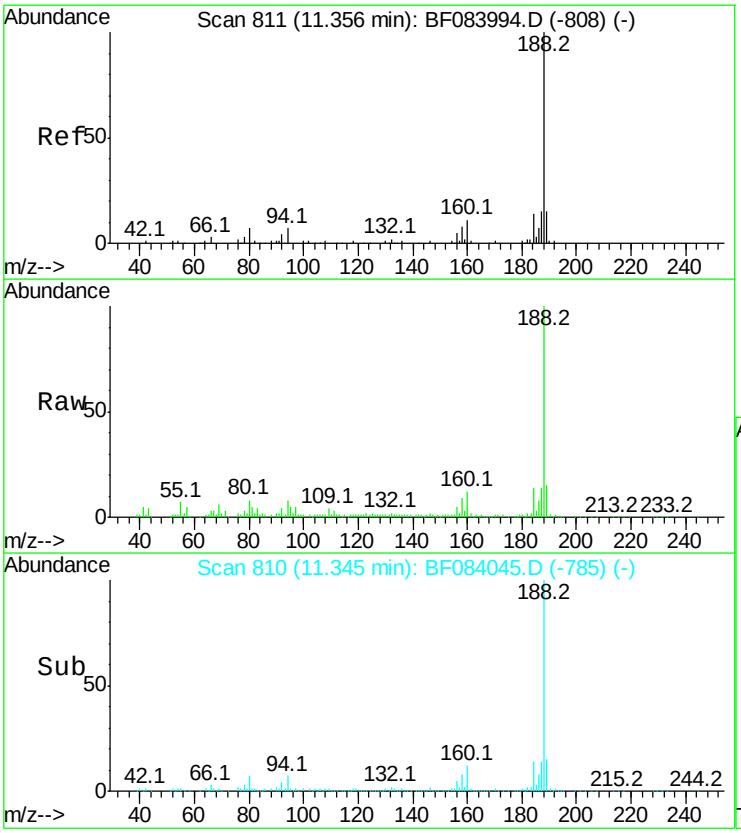
#49
Dimethylphthalate
Concen: 13.14 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.02 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:163 Resp: 93305

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.9	8.0	12.0

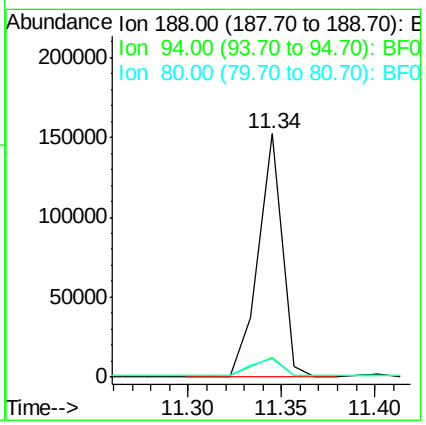


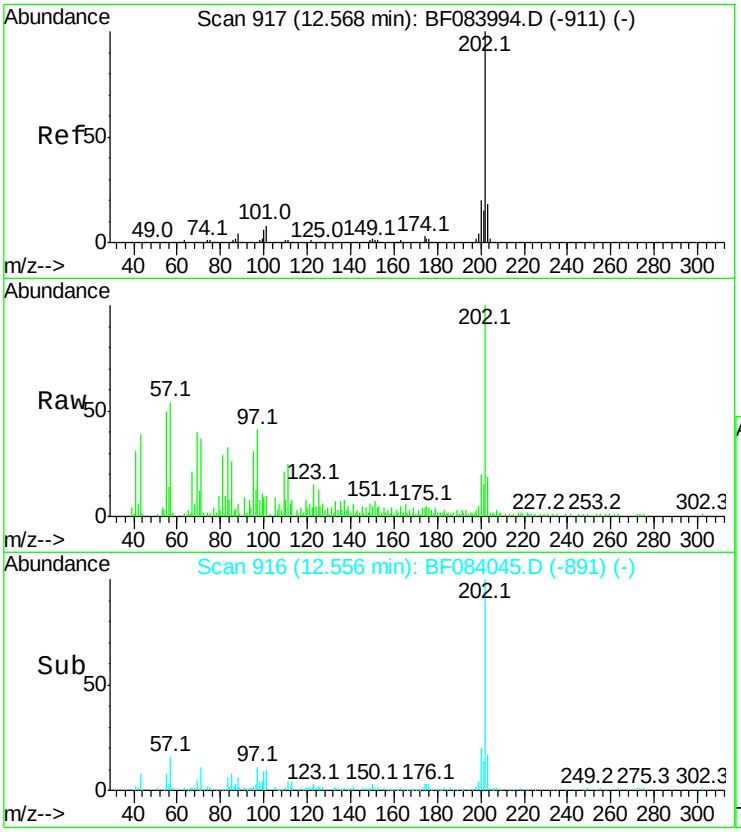


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:188 Resp: 135411

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.4#
80	7.8	9.6	14.4#



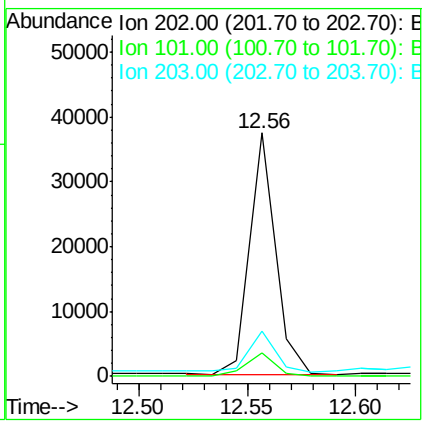


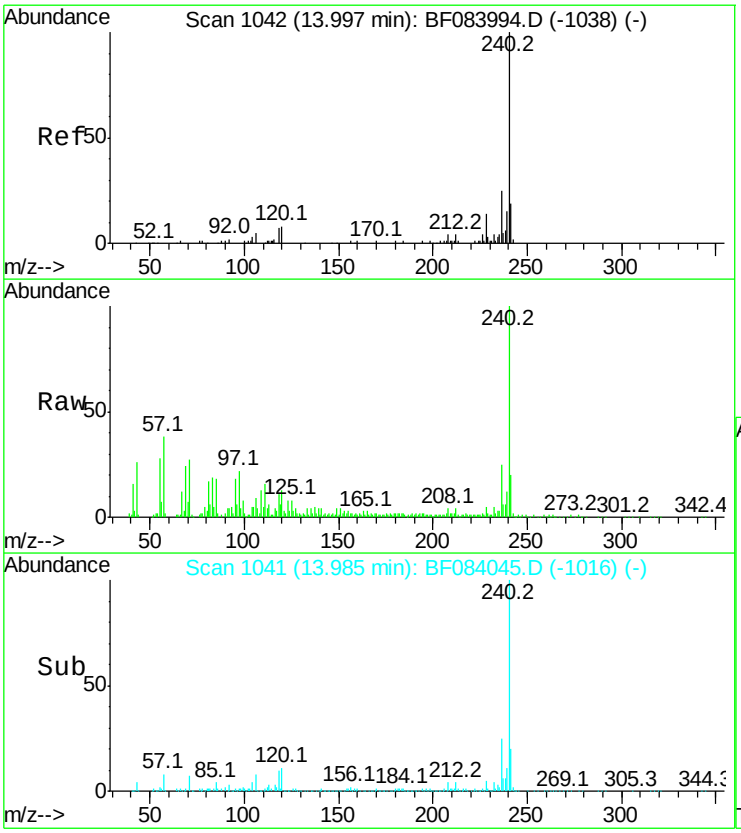
#74
Fluoranthene
Concen: 4.07 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:202 Resp: 30855

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	32.8
203	18.6	0.0	37.9

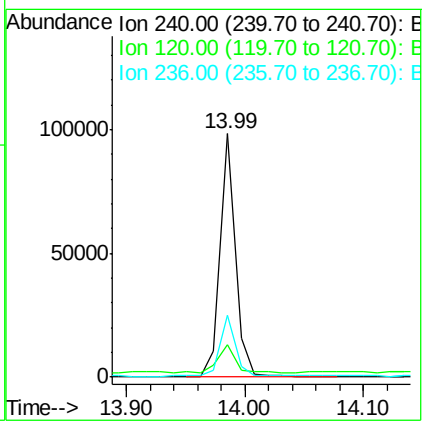


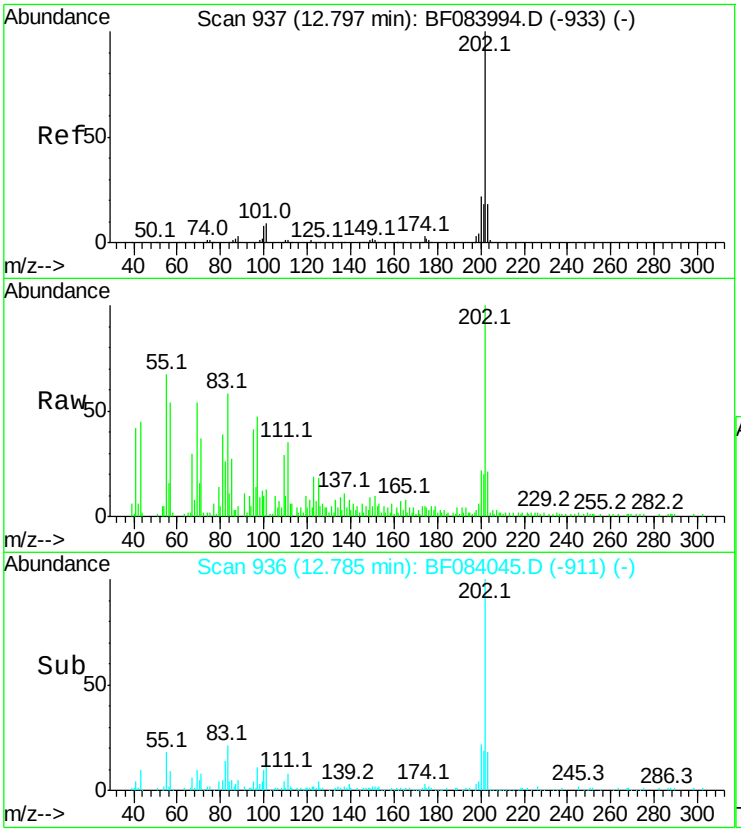


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:240 Resp: 87841

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.4	20.6	31.0



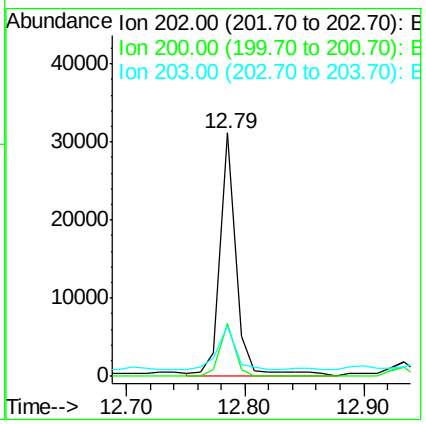


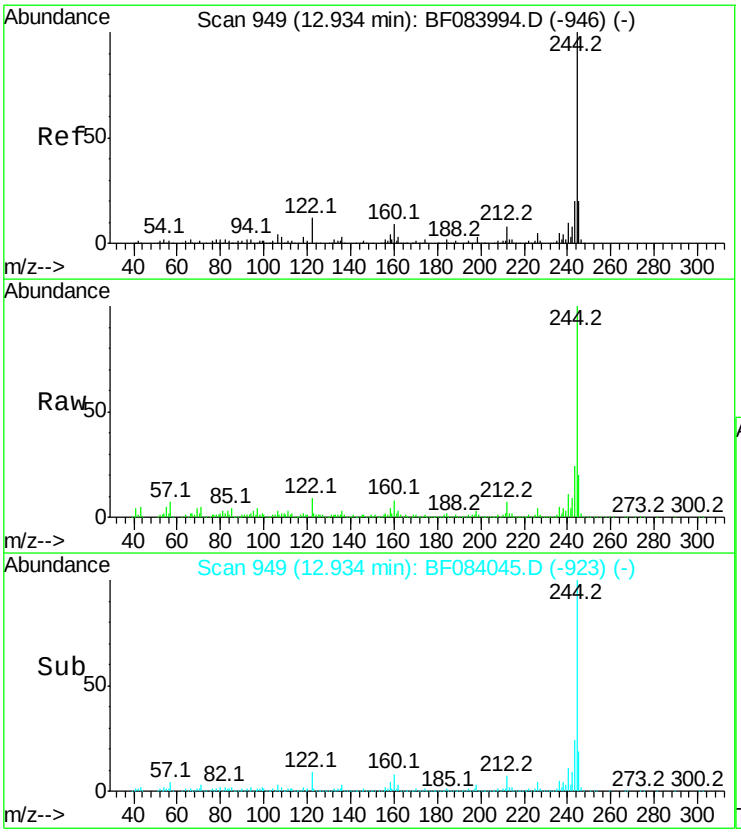
#77
Pyrene
Concen: 4.93 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:202 Resp: 29378

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.2	25.8
203	20.5	14.3	21.5

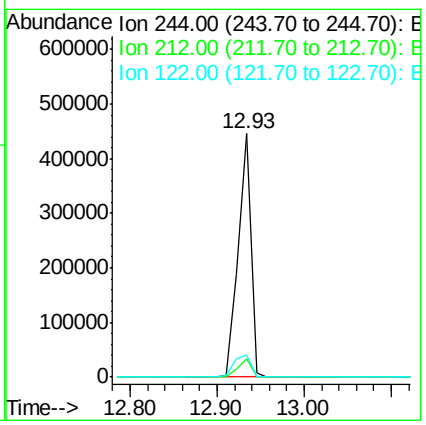


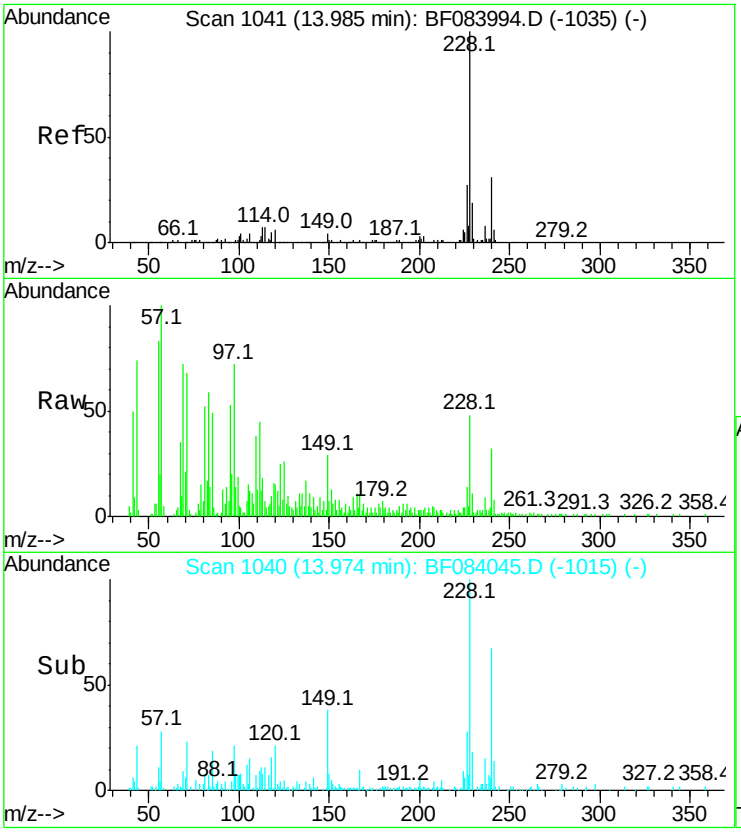


#78
Terphenyl-d14
Concen: 121.33 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:244 Resp: 446891

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.4	7.4	11.0



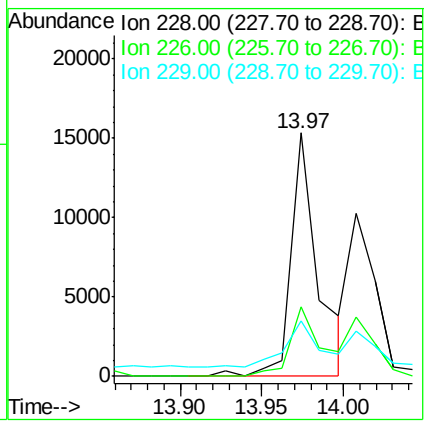


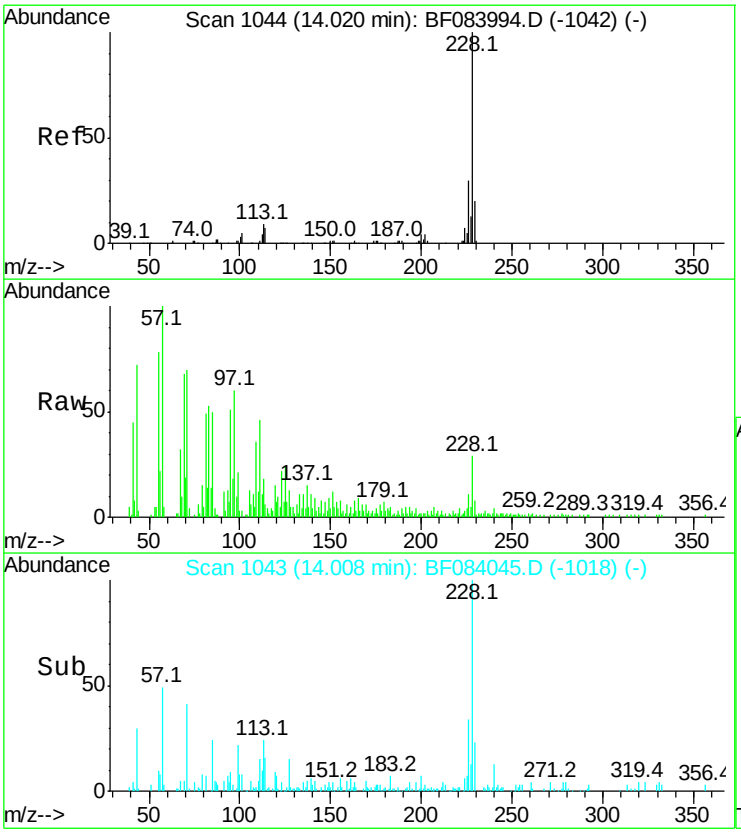
#80
Benzo(a)anthracene
Concen: 3.48 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:228 Resp: 17616

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.8	32.6
229	23.0	15.8	23.8

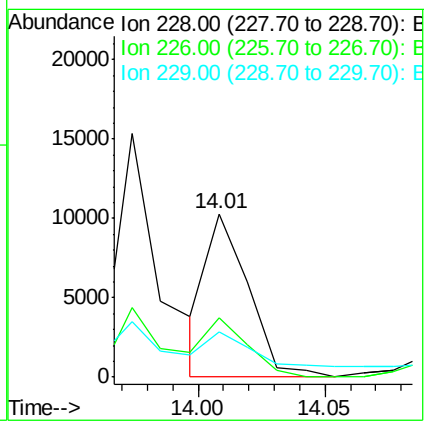


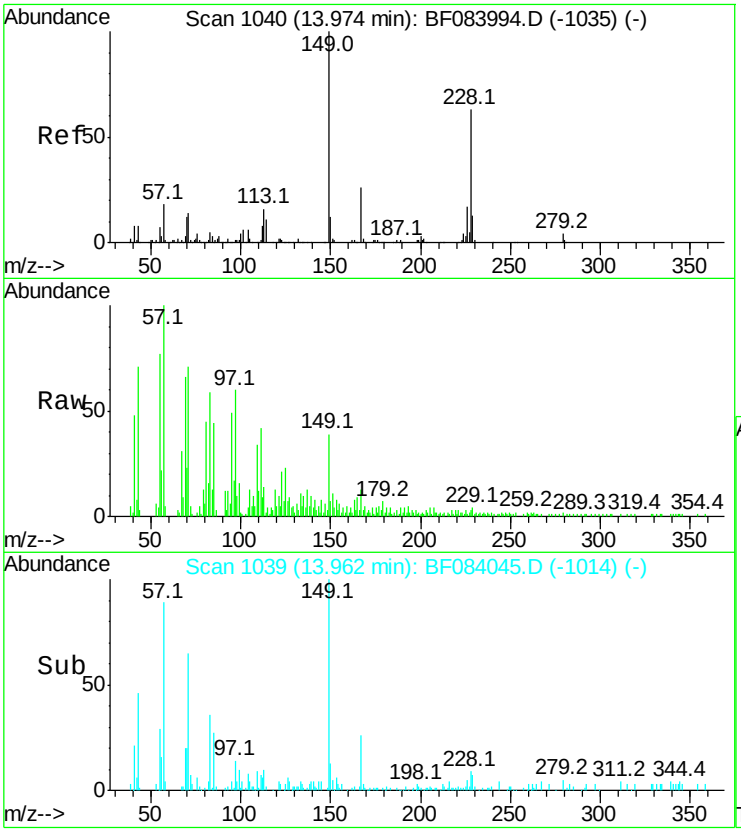


#82
Chrysene
Concen: 2.53 ng m
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:228 Resp: 11879

Ion	Ratio	Lower	Upper
228	100		
226	36.2	24.3	36.5
229	27.6	16.1	24.1#



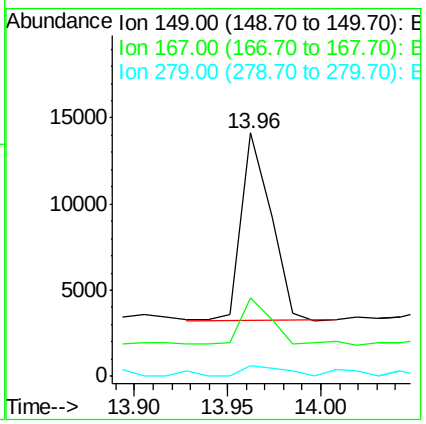


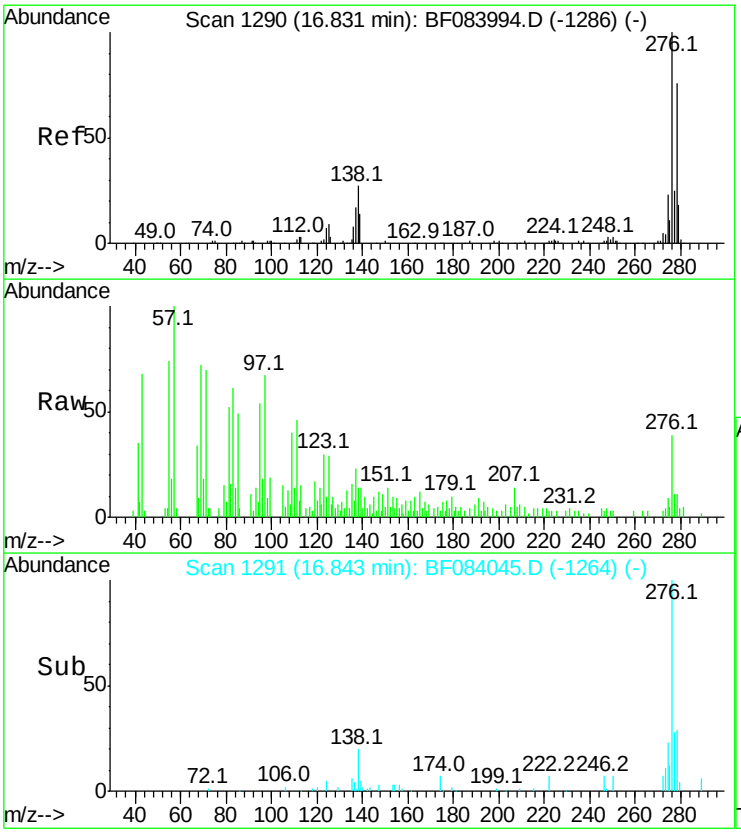
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.18 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:149 Resp: 12093

Ion	Ratio	Lower	Upper
149	100		
167	32.1	19.7	29.5#
279	4.2	1.8	2.6#

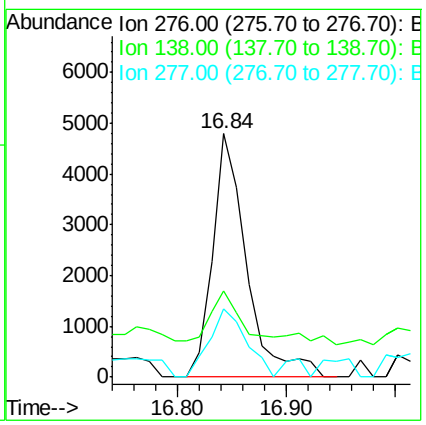


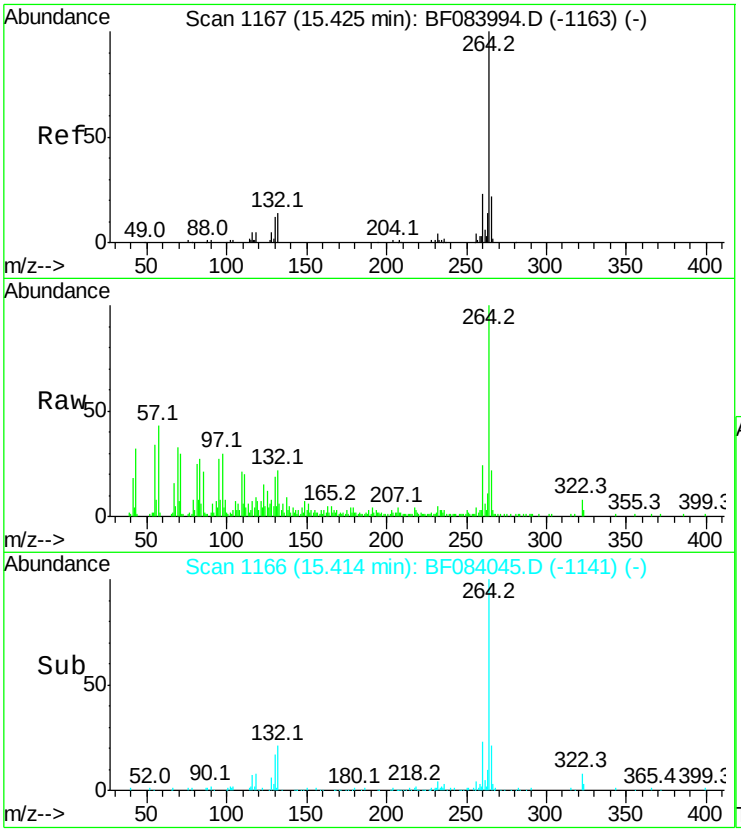


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:276 Resp: 10359

Ion	Ratio	Lower	Upper
276	100		
138	16.6	20.6	30.8#
277	30.7	20.1	30.1#



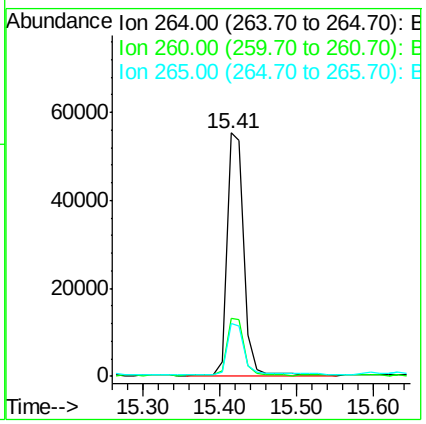


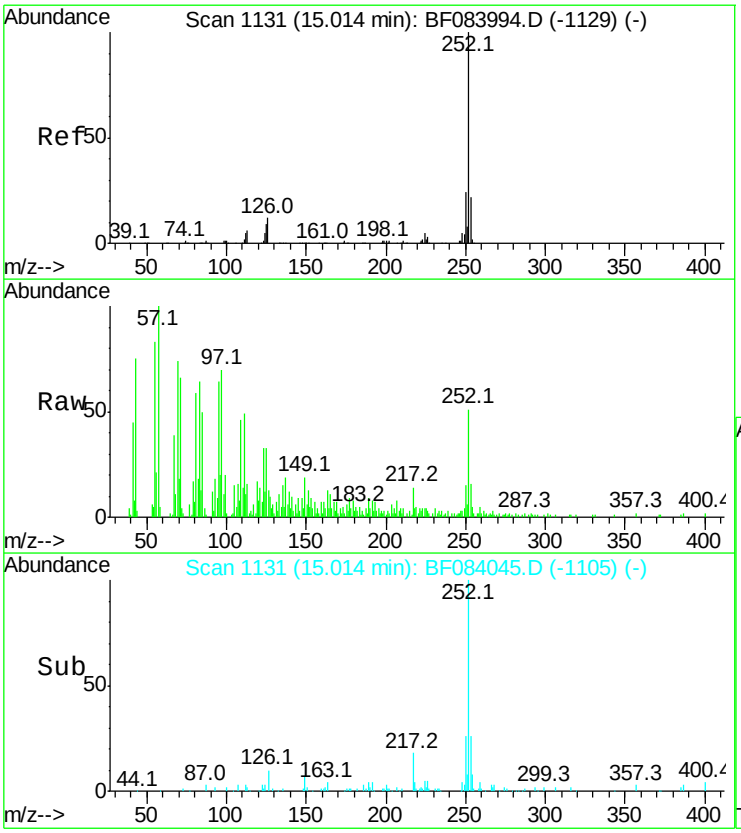
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:264 Resp: 88153

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.6	17.8	26.6

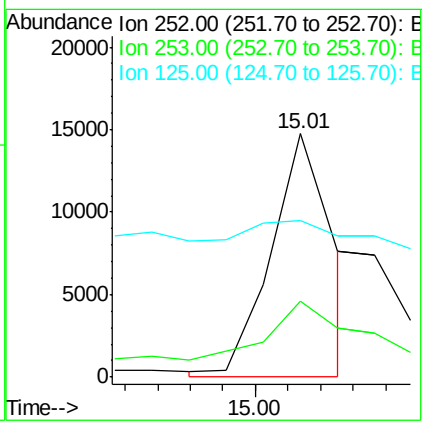


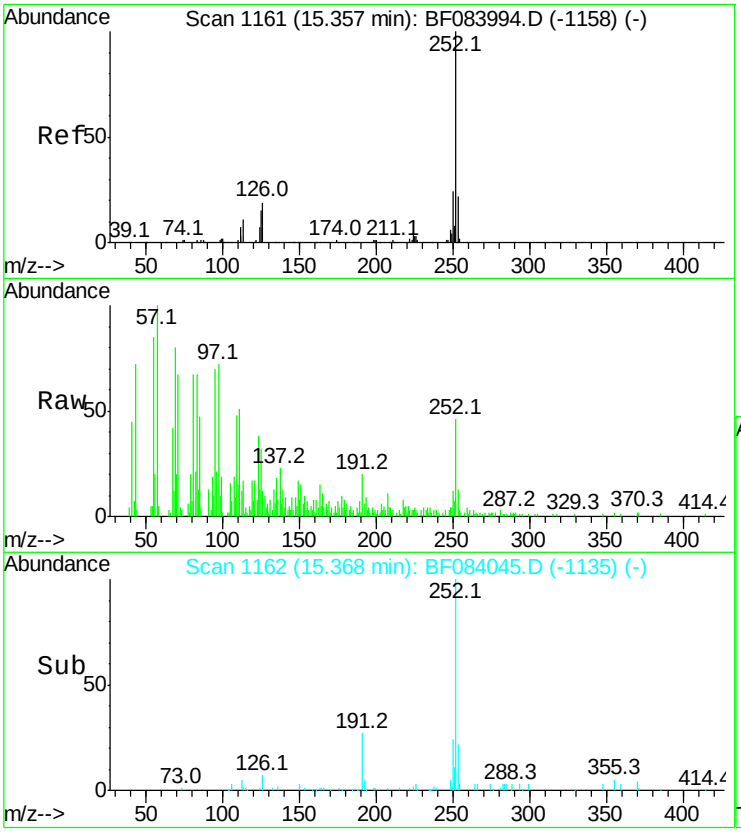


#87
Benzo(b)fluoranthene
Concen: 3.51 ng m
RT: 15.01 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:252 Resp: 19488

Ion	Ratio	Lower	Upper
252	100		
253	31.2	17.3	25.9#
125	64.3	6.5	9.7#



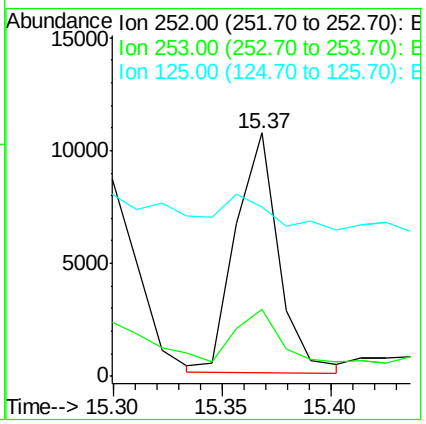


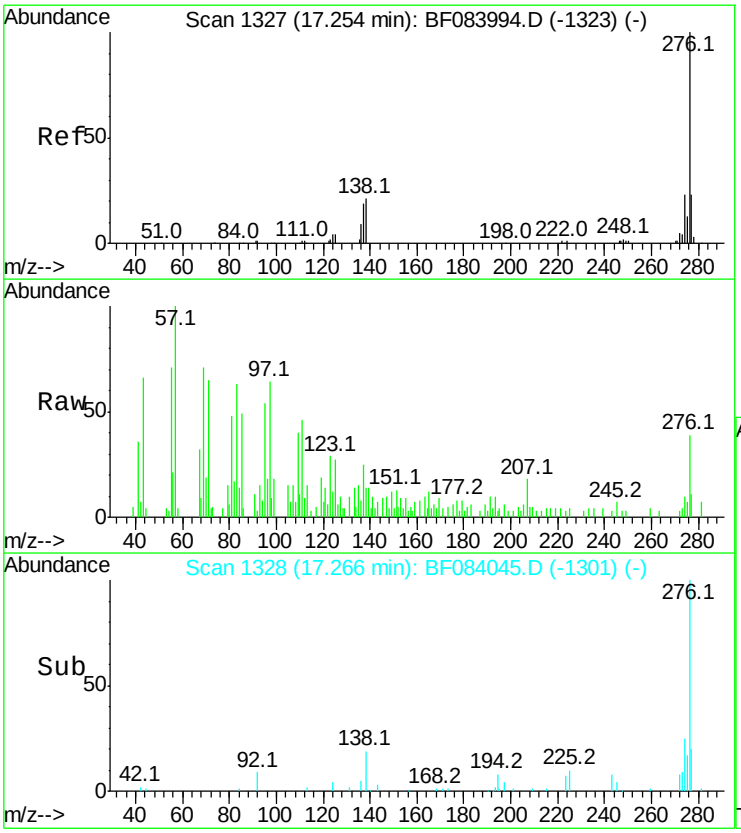
#89
Benzo(a)pyrene
Concen: 2.84 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Instrument :
BNA_F
ClientSampleId :
JFK-COMP

Tgt Ion:252 Resp: 14615

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.3	25.9#
125	69.6	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.14 ng
RT: 17.27 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF084045.D
Acq: 23 Dec 2015 20:42

Tgt Ion:276 Resp: 9231

Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.8	28.2#
138	36.0	17.8	26.6#