Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086953.D
Acq On : 13 May 2016 2:15
Operator : UM/SJ
Sample : H2968-06 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP42-4.5FT

Quant Time: May 13 03:02:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	168641	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	681150	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	282666	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	421392	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	432598	20.00	ng	-0.01
86) Perylene-d12	15.13	264	346615	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	163148	16.38	ng	0.00
7) Phenol-d6	6.28	99	220668	16.58	ng	-0.01
23) Nitrobenzene-d5	7.19	82	132846	9.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	33167	11.08	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	189290	11.25	ng	-0.01
78) Terphenyl-d14	12.72	244	132852	6.52	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.19	82	126298	5.02	ng	# 68
50) 2,6-Dinitrotoluene	9.66	165	36121	7.96	ng	# 21
55) 4-Nitrophenol	9.86	139	405	4.68	ng	# 14
56) 2,4-Dinitrotoluene	9.66	165	36121	6.43	ng	# 16
74) Fluoranthene	12.34	202	100805	4.36	ng	92
77) Pyrene	12.56	202	84195	2.54	ng	97
80) Benzo(a)anthracene	13.75	228	65124	2.68	ng	# 90
82) Chrysene	13.75	228	65124	2.64	ng	91
87) Benzo(b)fluoranthene	14.75	252	77553	3.44	ng	# 91
88) Benzo(k)fluoranthene	14.75	252	77553	4.20	ng	# 89

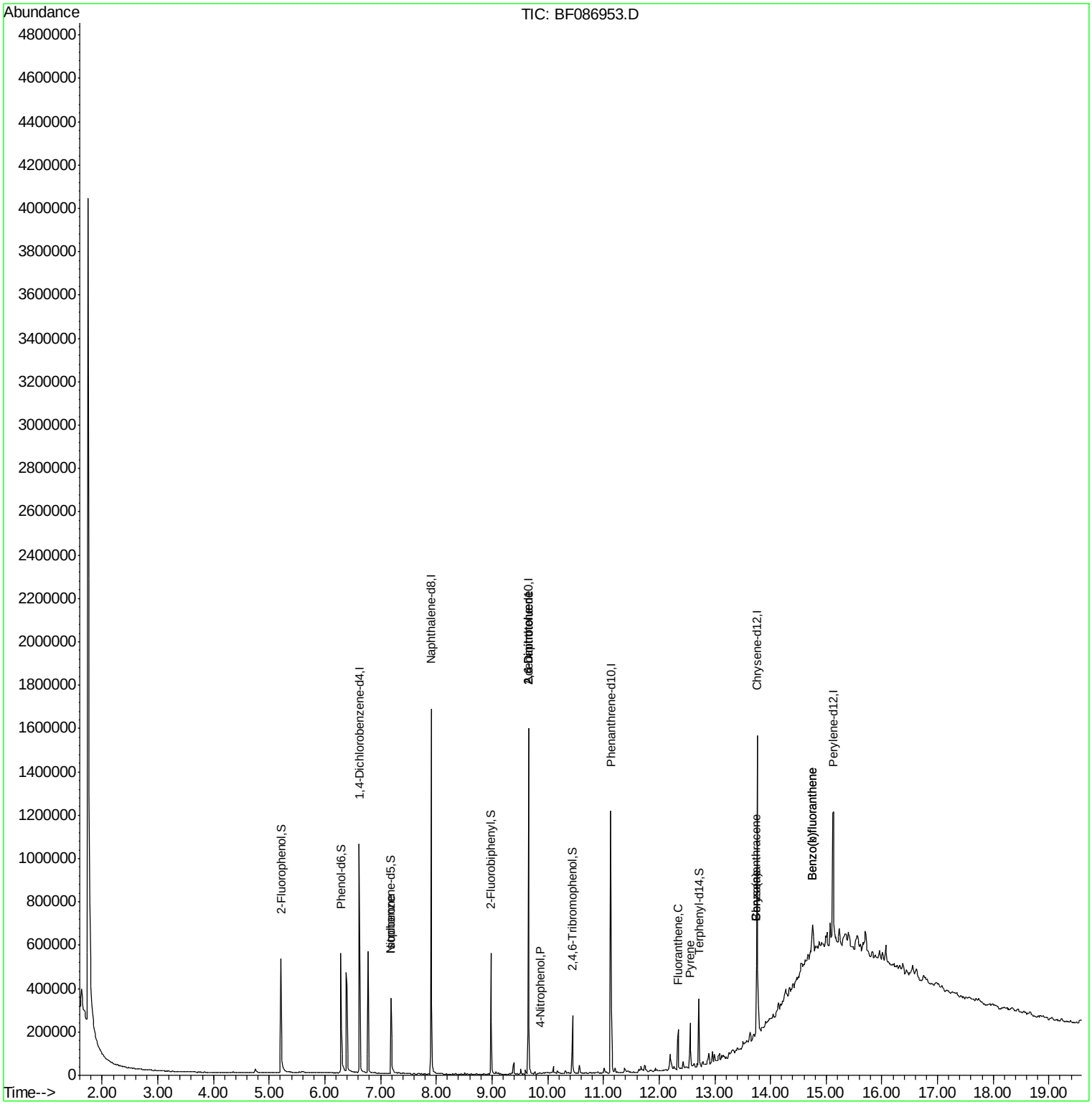
(#) = qualifier out of range (m) = manual integration (+) = signals summed

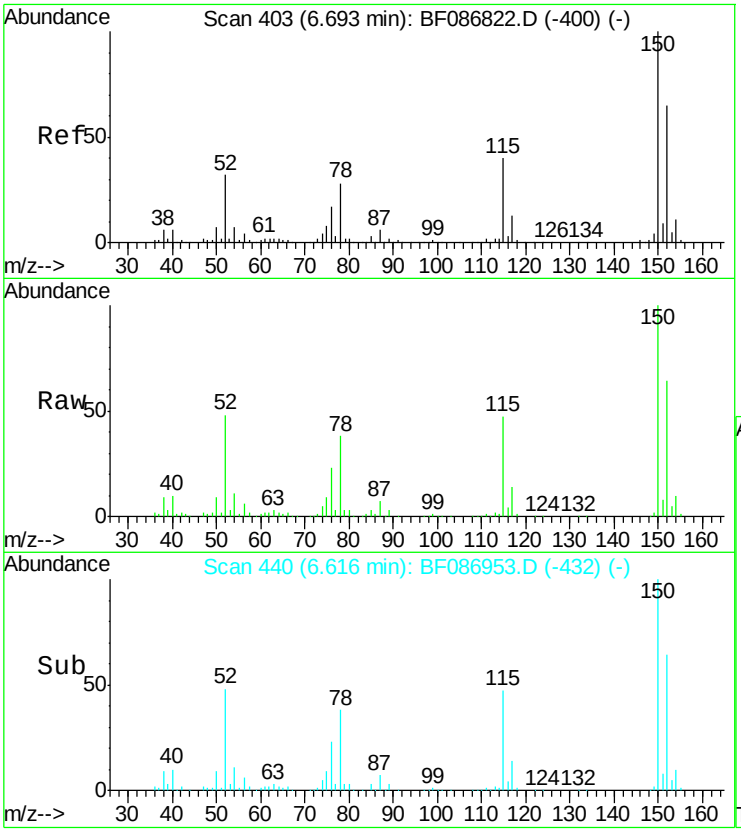
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086953.D
Acq On : 13 May 2016 2:15
Operator : UM/SJ
Sample : H2968-06 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Quant Time: May 13 03:02:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration



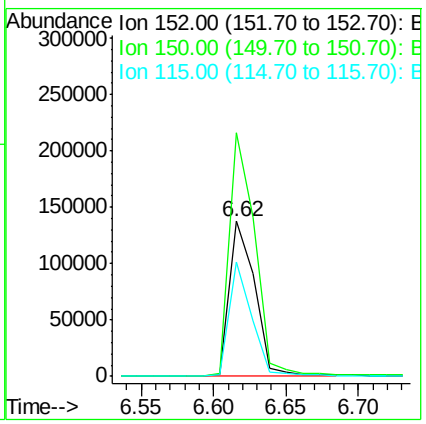


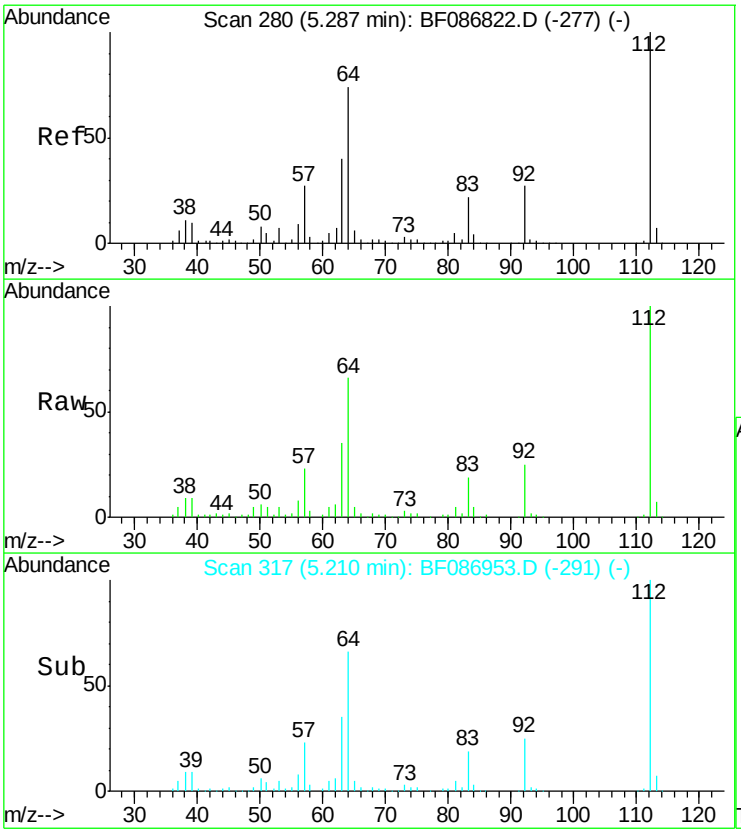
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:152 Resp: 168641

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.8	188.6
115	74.1	51.5	77.3

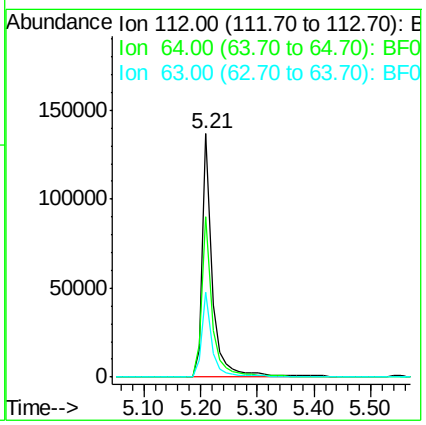


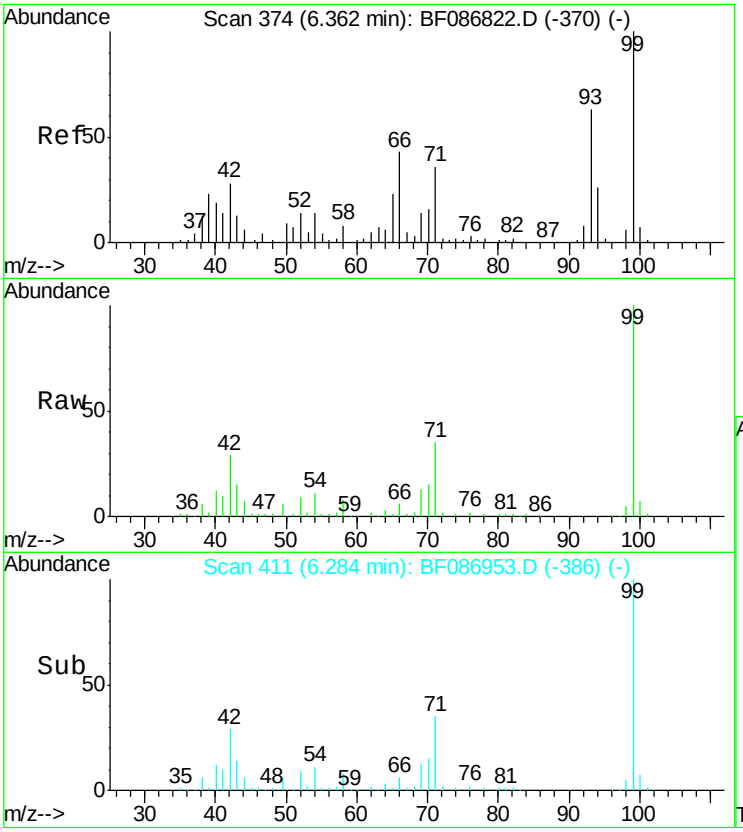


#5
2-Fluorophenol
Concen: 16.38 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:112 Resp: 163148

Ion	Ratio	Lower	Upper
112	100		
64	66.1	52.1	78.1
63	34.8	25.7	38.5



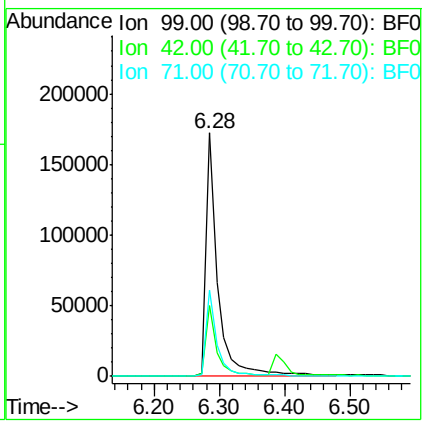


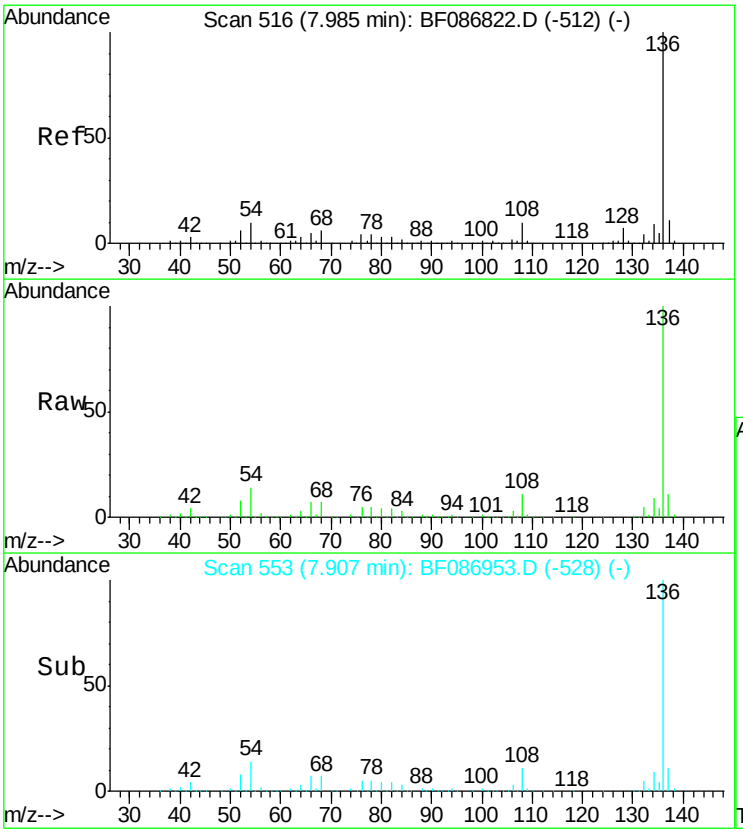
#7
Phenol-d6
Concen: 16.58 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion: 99 Resp: 220668

Ion	Ratio	Lower	Upper
99	100		
42	28.9	13.6	20.4#
71	35.3	24.6	36.8

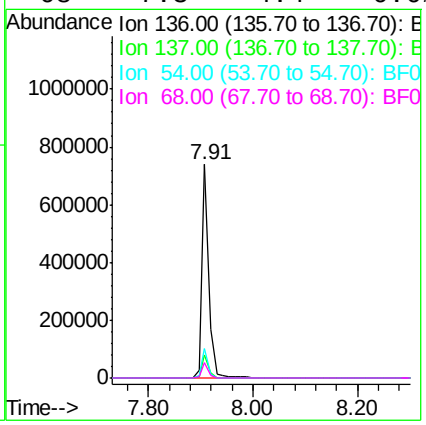


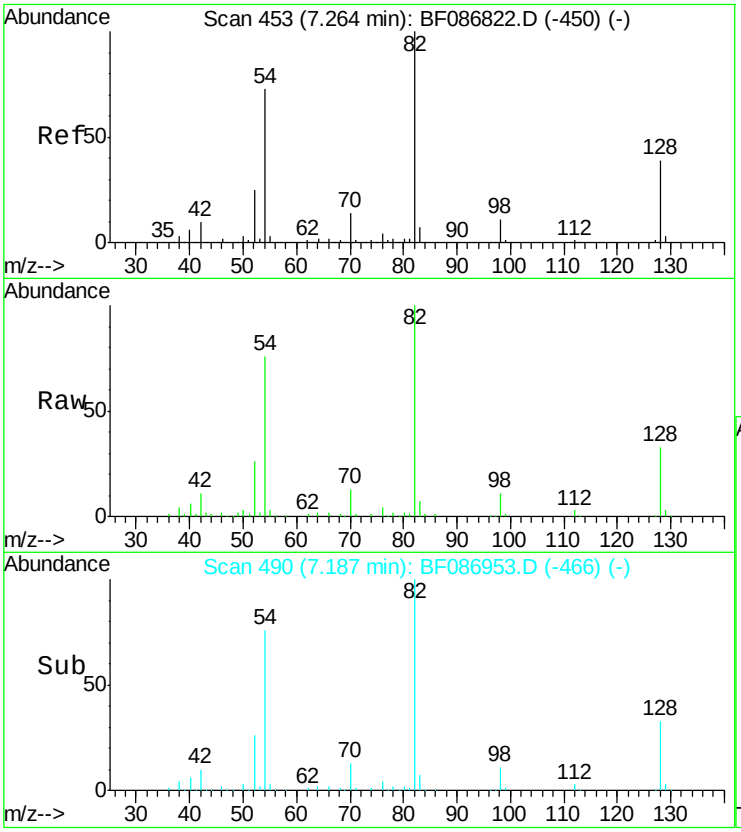


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:136 Resp: 681150

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.6	5.0	7.4#
68	7.3	4.4	6.6#



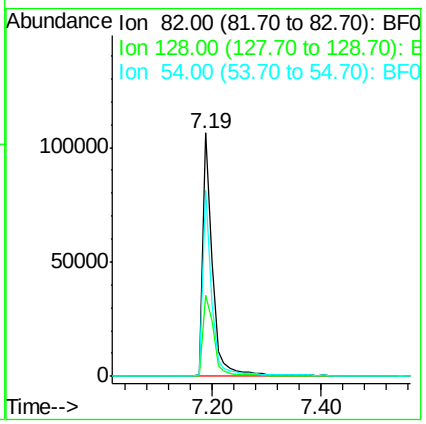


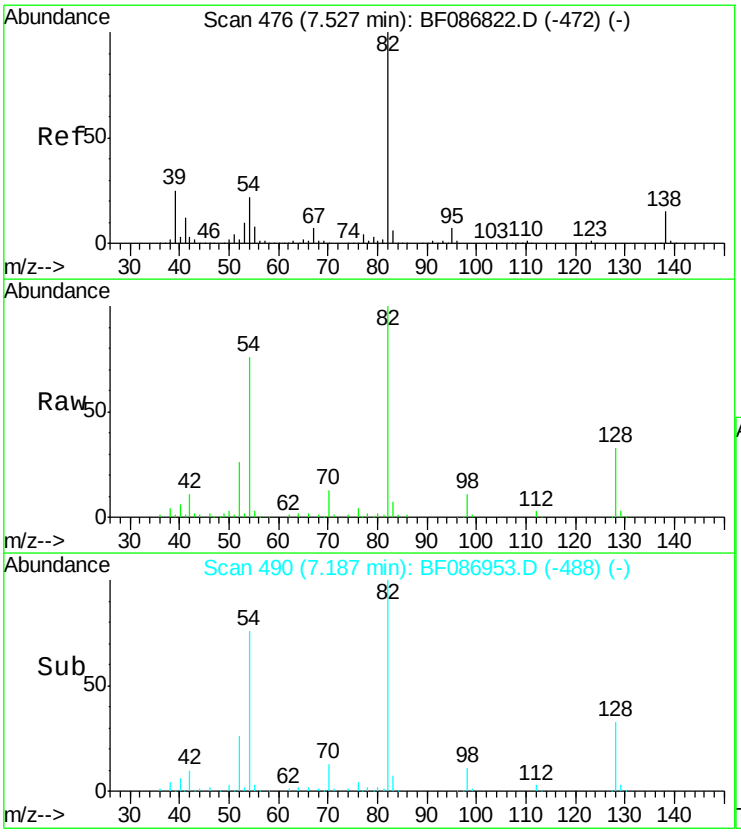
#23
Nitrobenzene-d5
Concen: 9.79 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion: 82 Resp: 132846

Ion	Ratio	Lower	Upper
82	100		
128	33.2	40.6	61.0#
54	76.3	38.1	57.1#

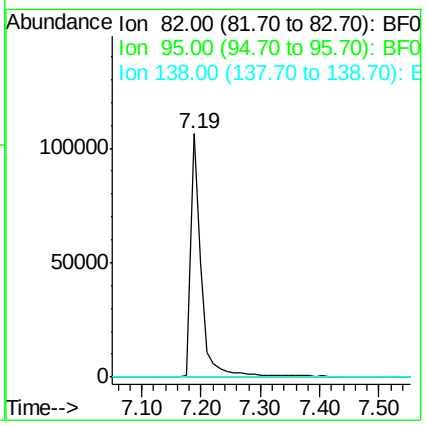


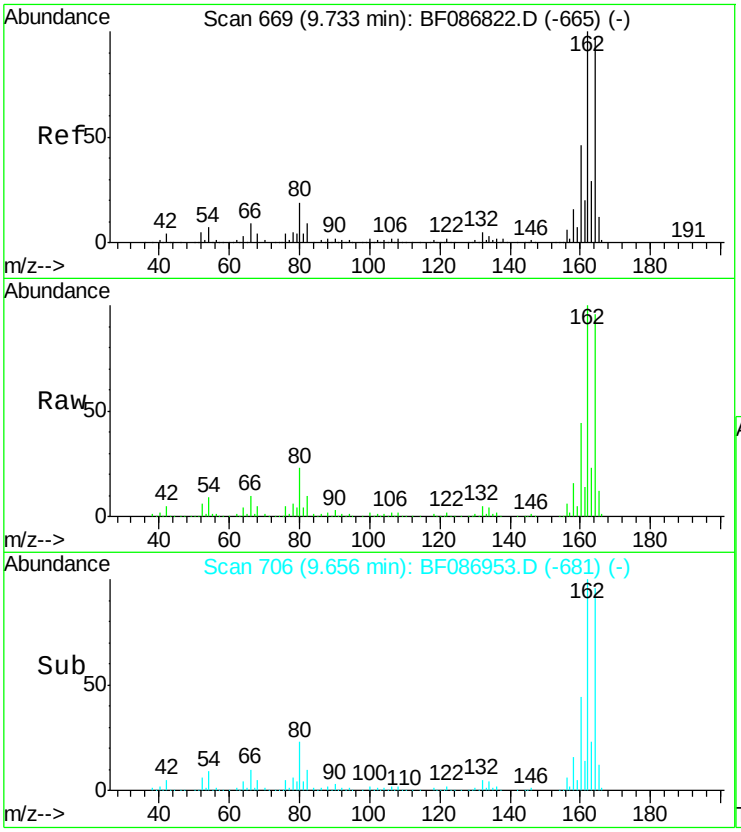


#25
Isophorone
Concen: 5.02 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.27 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion: 82 Resp: 126298

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#



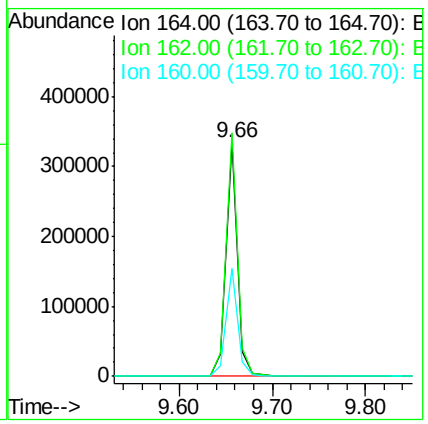


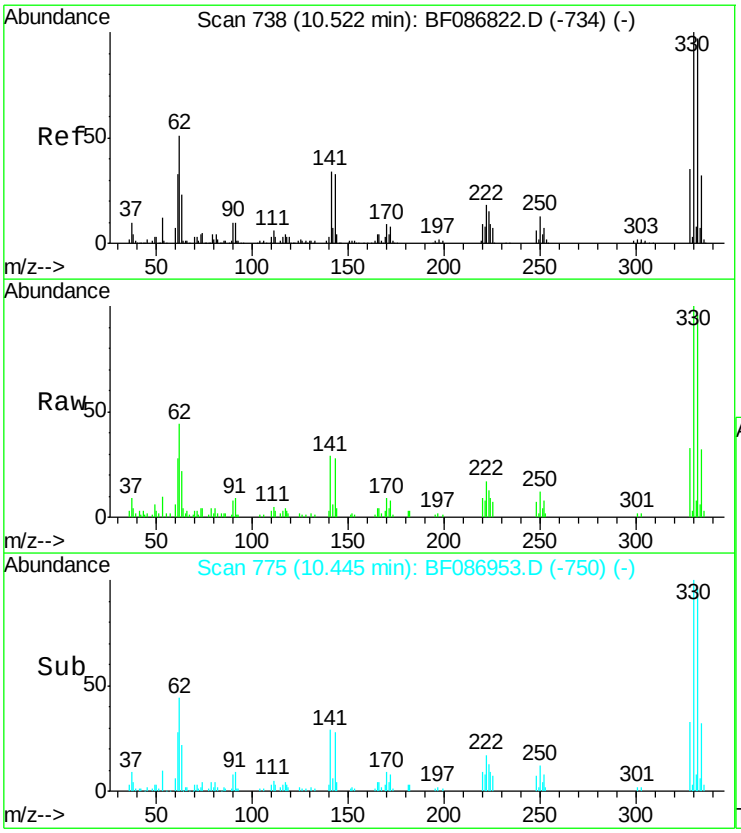
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:164 Resp: 282666

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.8	124.2
160	46.2	36.9	55.3

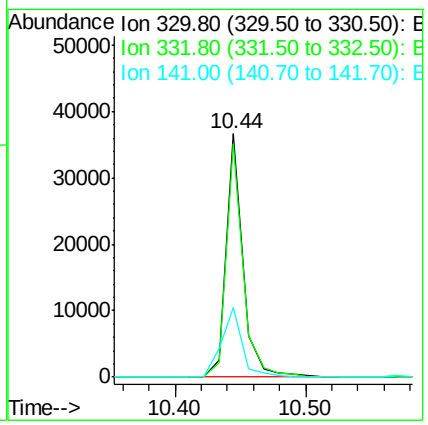


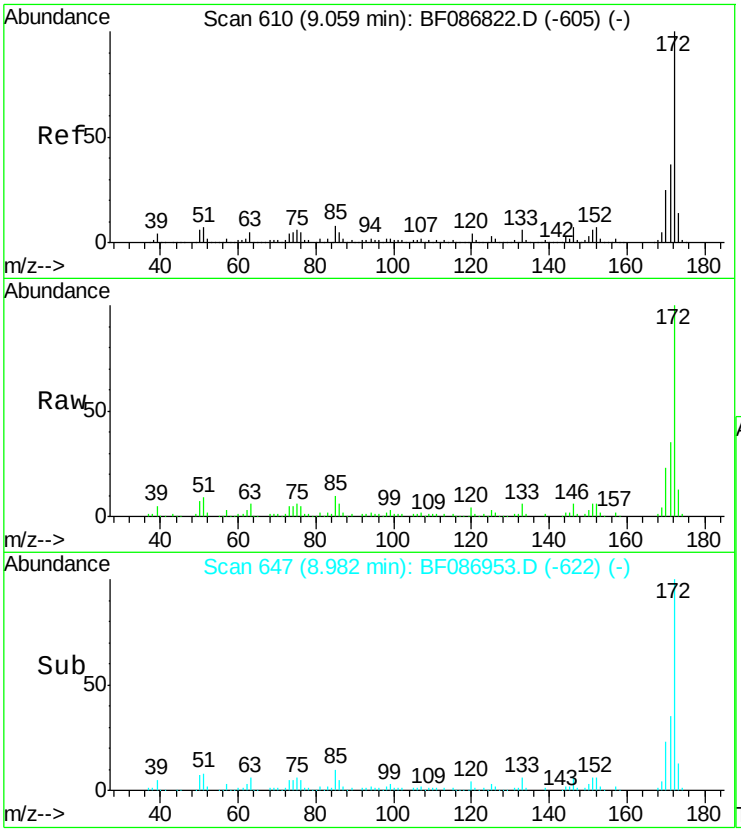


#41
2,4,6-Tribromophenol
Concen: 11.08 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:330 Resp: 33167

Ion	Ratio	Lower	Upper
330	100		
332	94.6	79.0	118.4
141	35.0	31.2	46.8



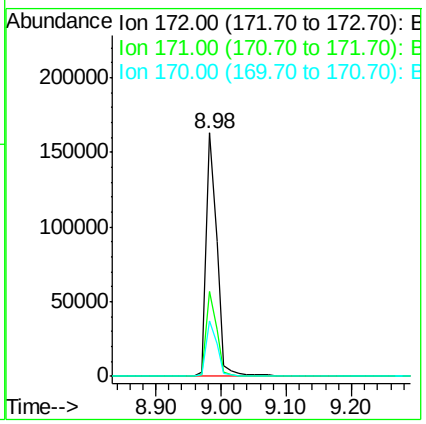


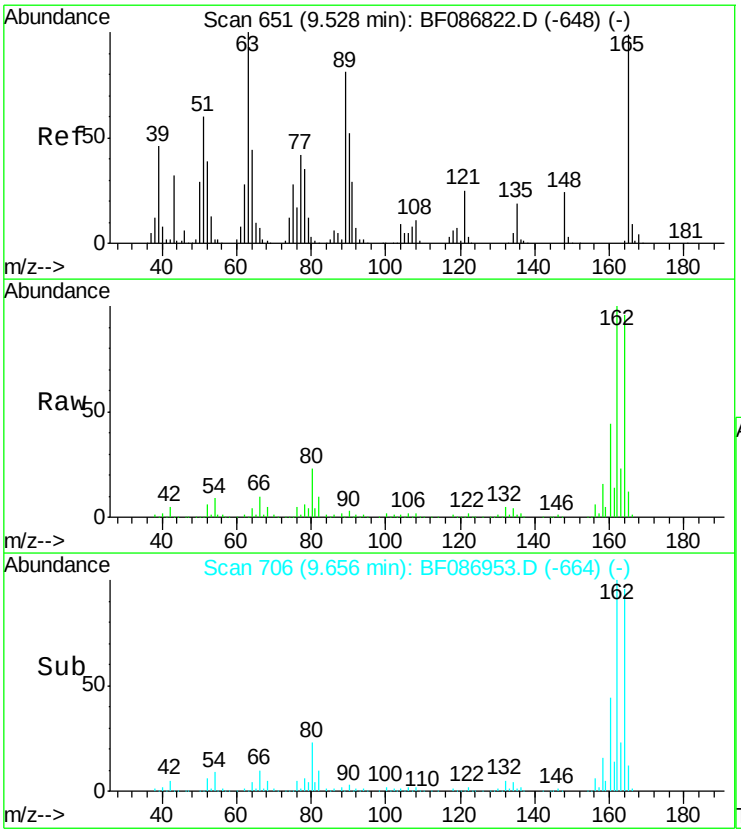
#44
2-Fluorobiphenyl
Concen: 11.25 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:172 Resp: 189290

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.0	43.6
170	23.0	19.8	29.8

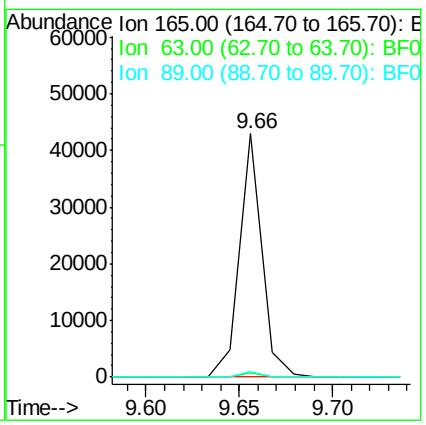


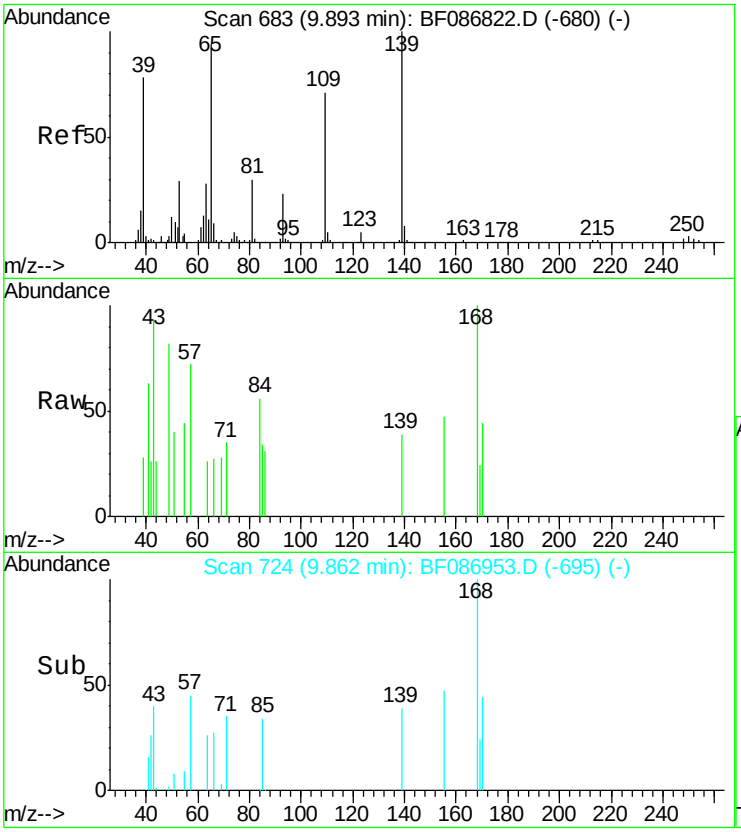


#50
2,6-Dinitrotoluene
Concen: 7.96 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.18 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:165 Resp: 36121

Ion	Ratio	Lower	Upper
165	100		
63	2.0	51.8	77.8#
89	2.1	50.7	76.1#



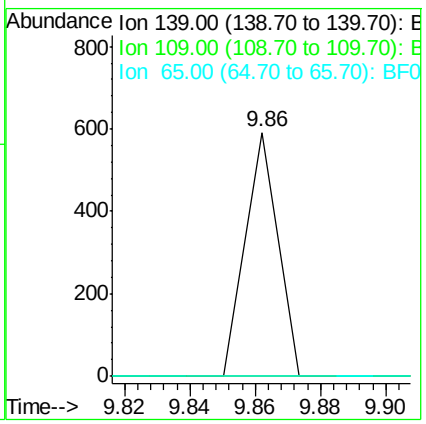


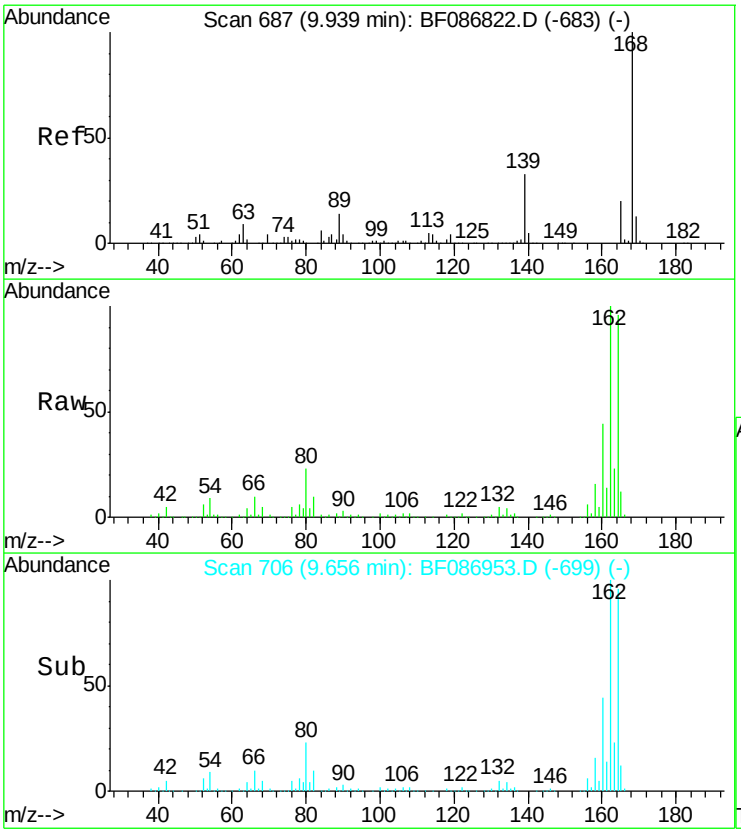
#55
4-Nitrophenol
Concen: 4.68 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.03 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:139 Resp: 405

Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

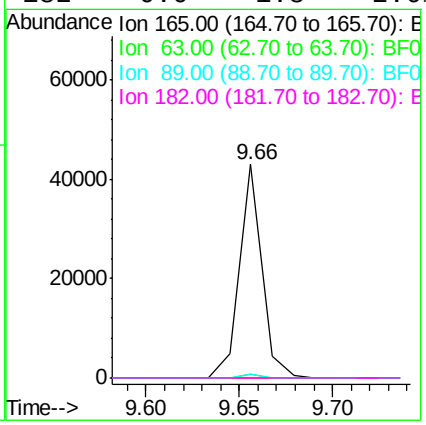


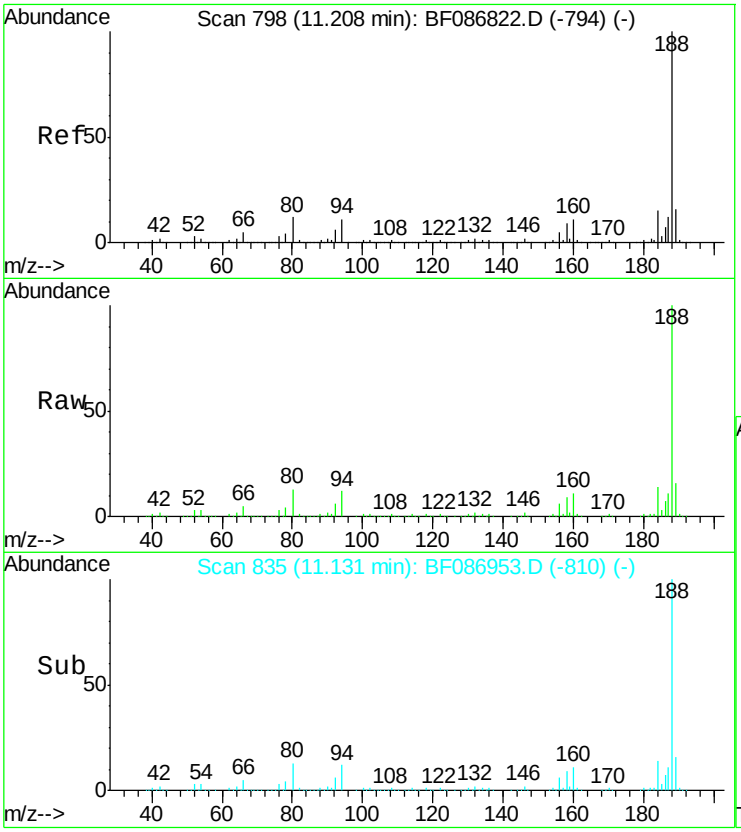


#56
2,4-Dinitrotoluene
Concen: 6.43 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.22 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:165 Resp: 36121

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.3	66.5#
89	2.1	70.0	105.0#
182	0.0	1.8	2.6#



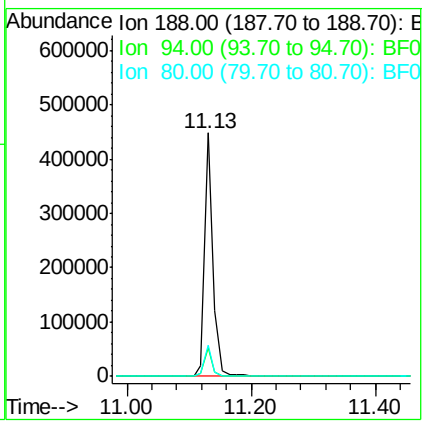


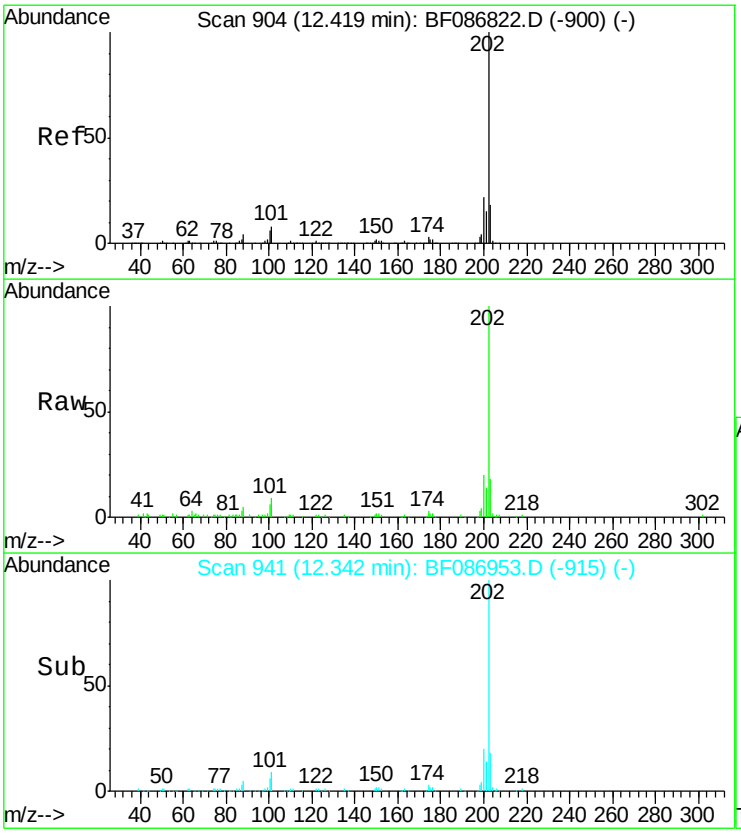
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:188 Resp: 421392

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	12.9	7.1	10.7#

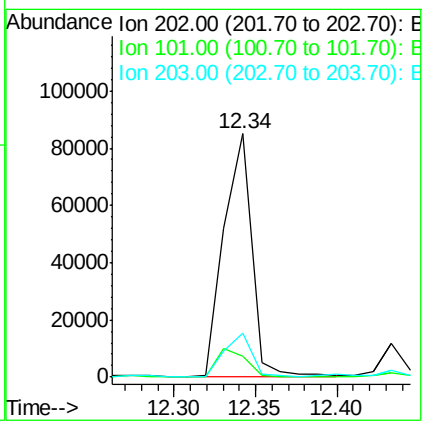


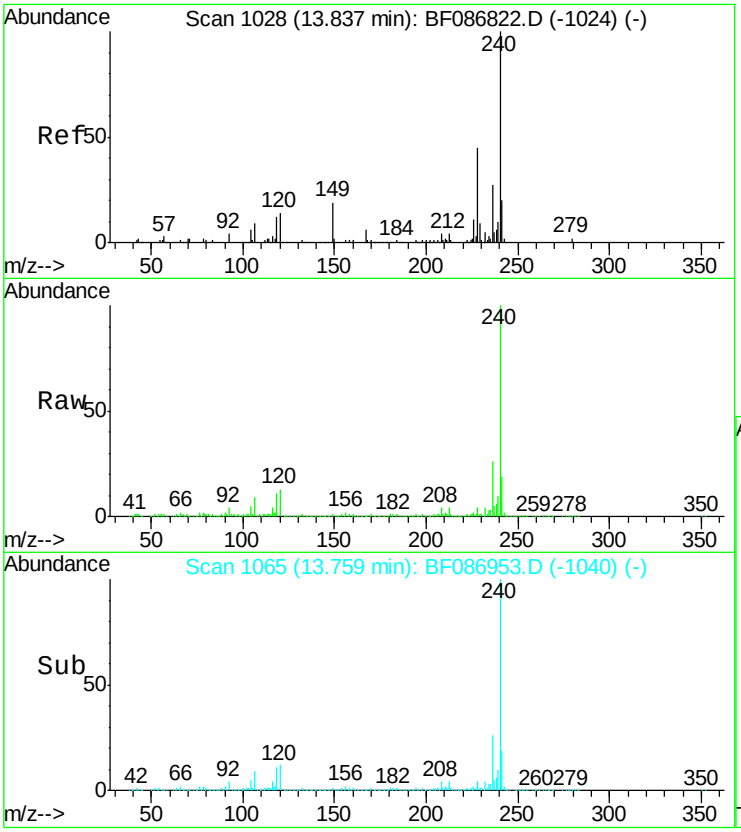


#74
Fluoranthene
Concen: 4.36 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:202 Resp: 100805

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	35.4
203	17.9	0.0	38.1



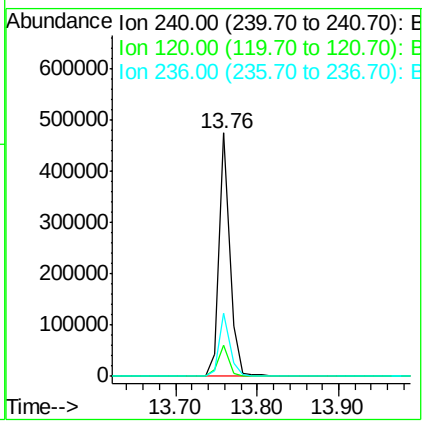


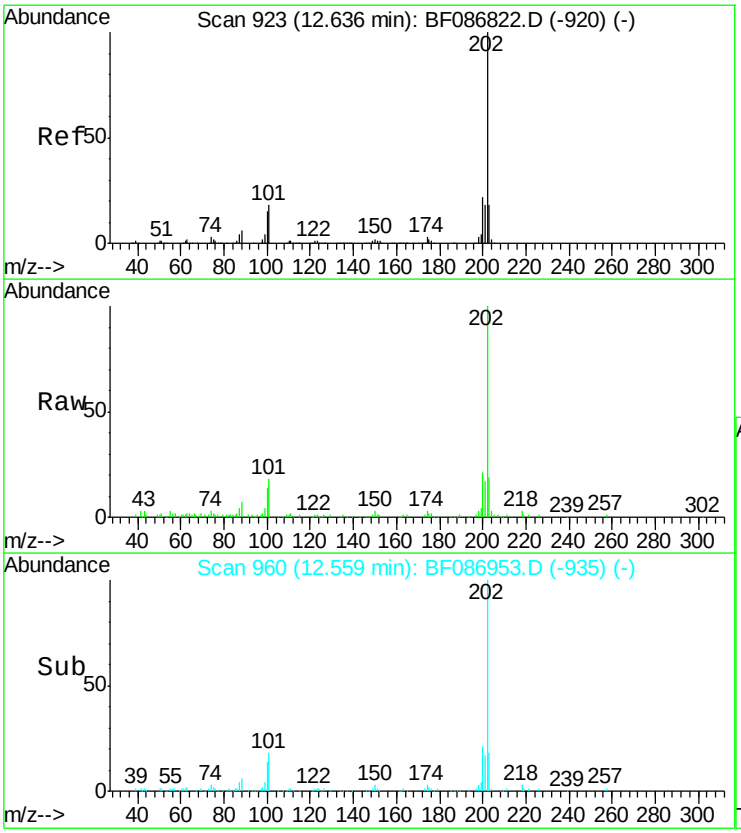
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:240 Resp: 432598

Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.2	16.8
236	25.8	21.2	31.8

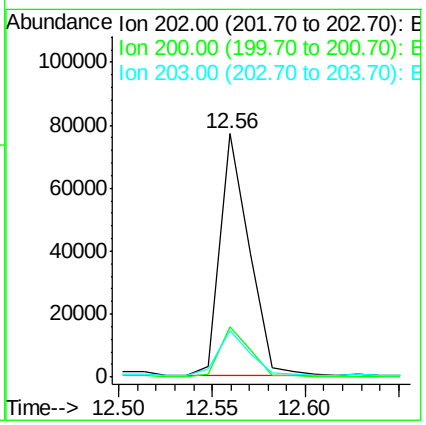


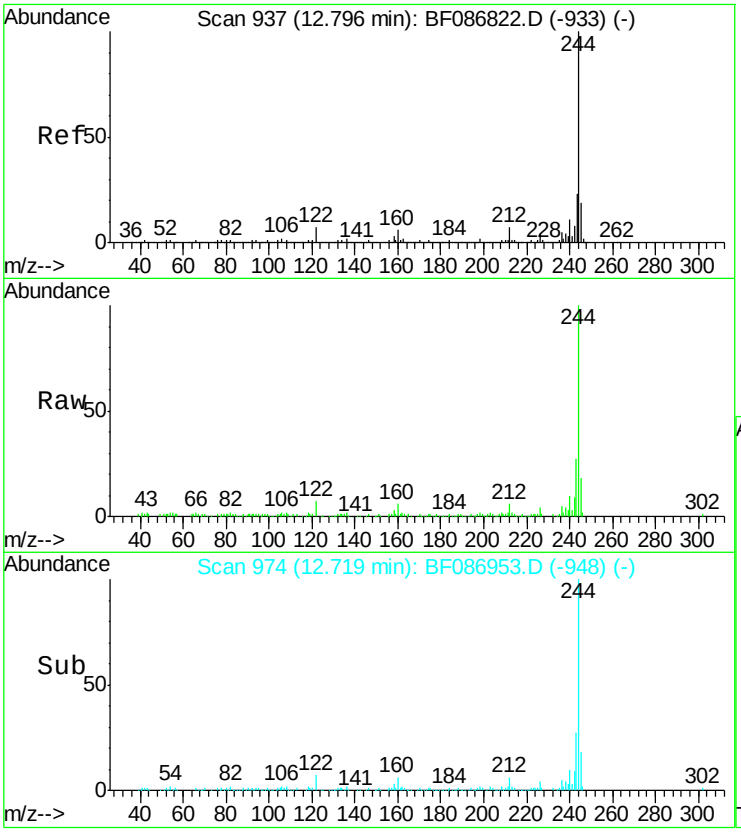


#77
Pyrene
Concen: 2.54 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:202 Resp: 84195

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	18.9	14.2	21.4



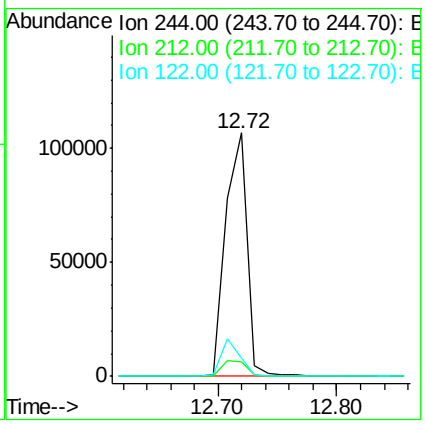


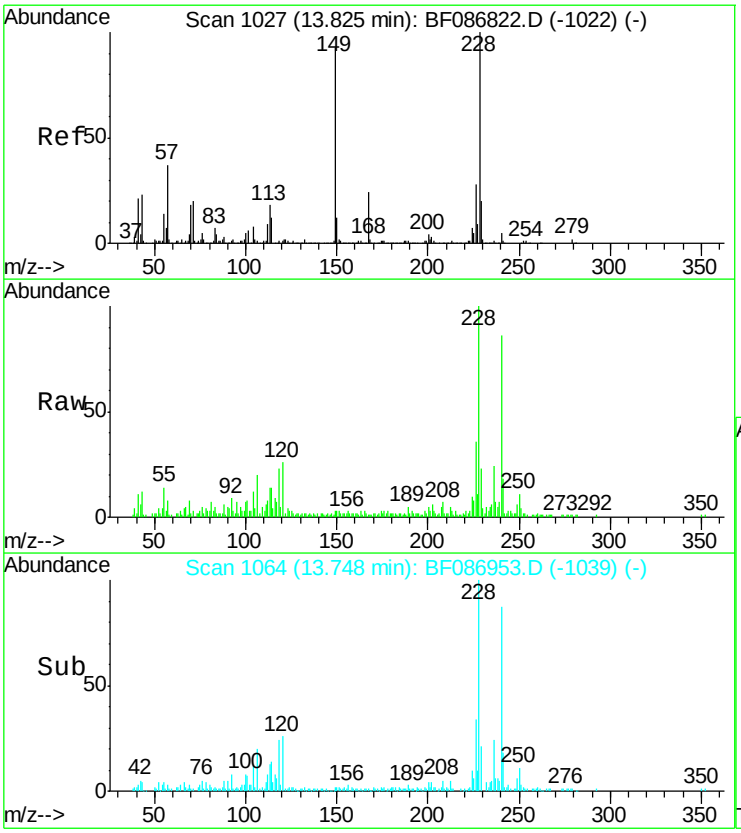
#78
Terphenyl-d14
Concen: 6.52 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:244 Resp: 132852

Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.2	9.2#
122	7.5	12.0	18.0#

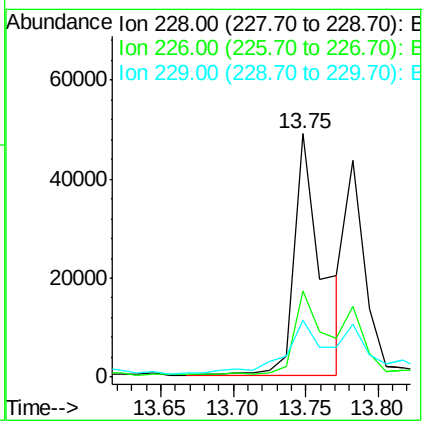


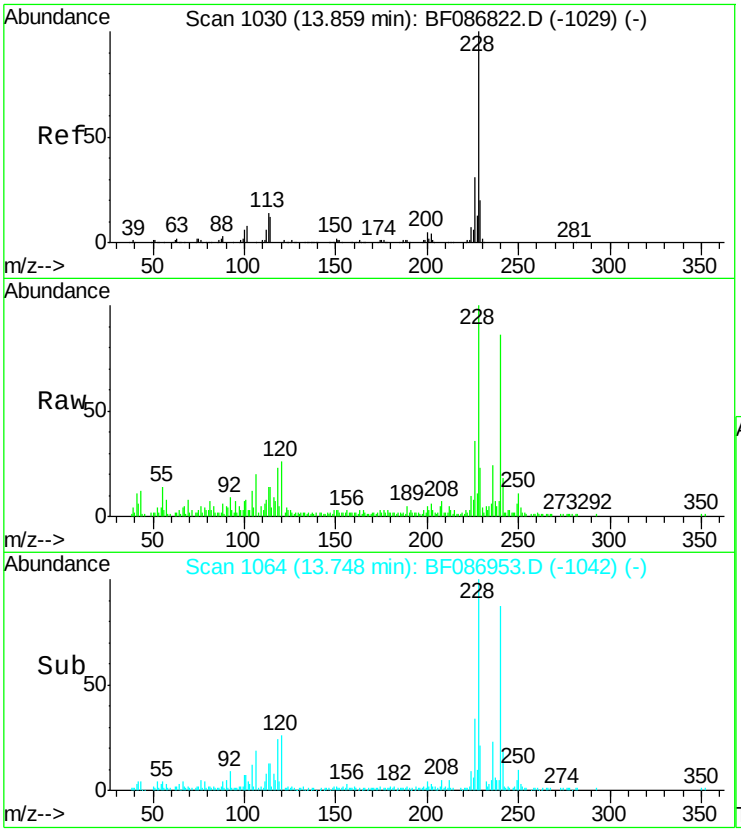


#80
Benzo(a)anthracene
Concen: 2.68 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:228 Resp: 65124

Ion	Ratio	Lower	Upper
228	100		
226	35.5	22.5	33.7#
229	23.4	16.6	25.0



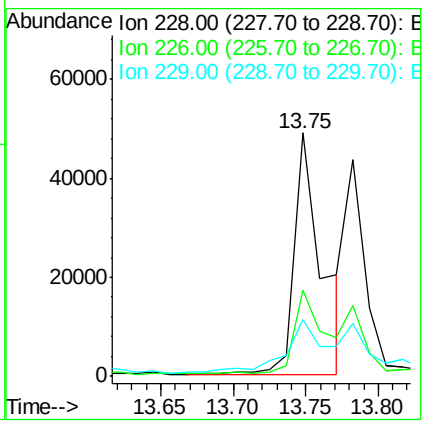


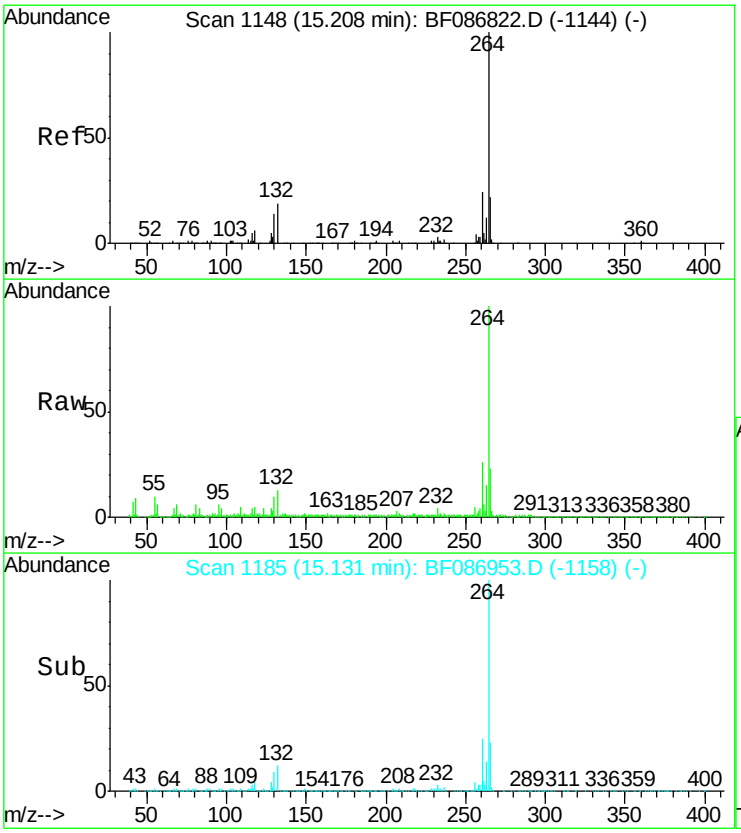
#82
Chrysene
Concen: 2.64 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:228 Resp: 65124

Ion	Ratio	Lower	Upper
228	100		
226	35.5	24.4	36.6
229	23.4	15.8	23.8

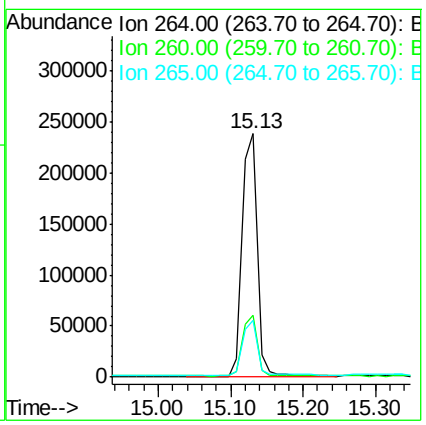


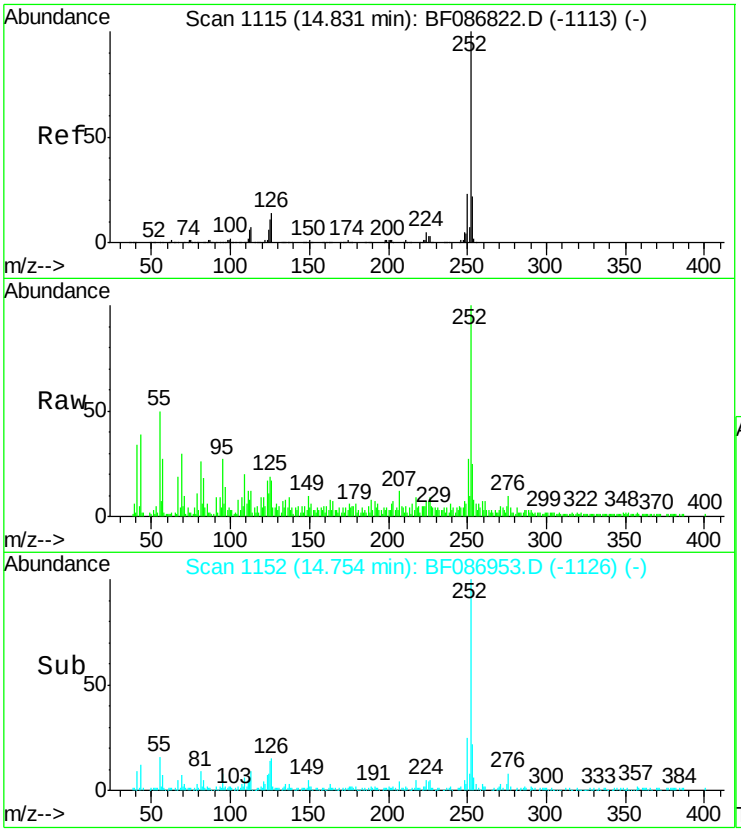


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:264 Resp: 346615

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.5	29.3
265	23.3	17.3	25.9



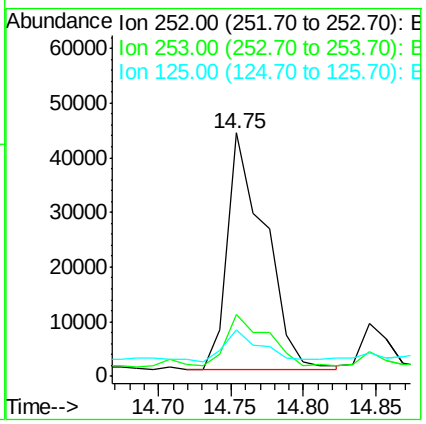


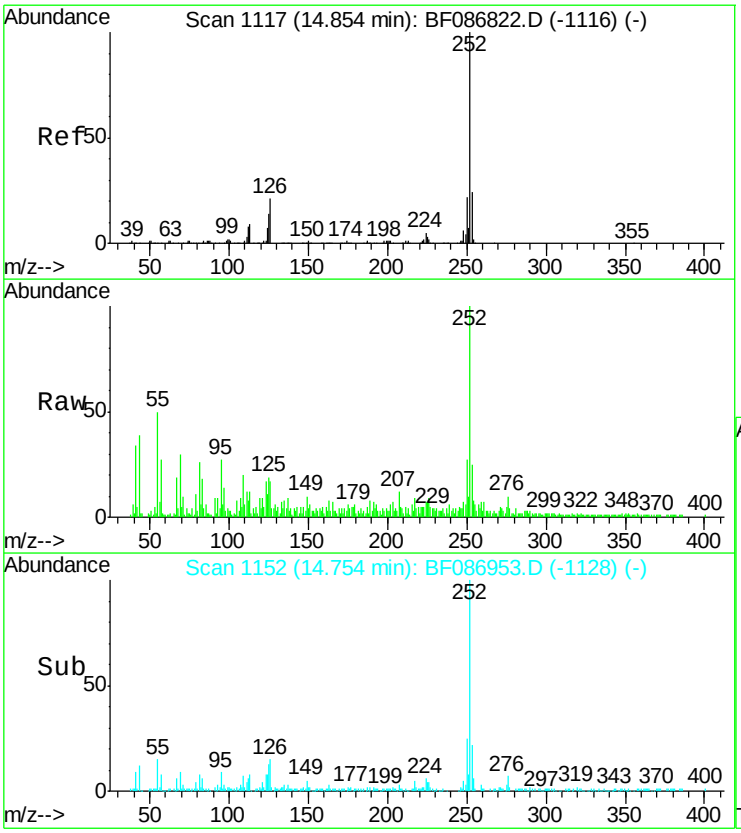
#87
Benzo(b)fluoranthene
Concen: 3.44 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Instrument :
BNA_F
ClientSampleId :
TP42-4.5FT

Tgt Ion:252 Resp: 77553

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	19.0	11.4	17.0#





#88
Benzo(k)fluoranthene
Concen: 4.20 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF086953.D
Acq: 13 May 2016 2:15

Tgt Ion:252 Resp: 77553

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	19.0	9.1	13.7#