Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086954.D
Acq On : 13 May 2016 2:44
Operator : UM/SJ
Sample : H2968-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUPB

Quant Time: May 13 04:21:19 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	159654	20.00	ng		-0.01
21) Naphthalene-d8	7.91	136	622811	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	268151	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	408938	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	391339	20.00	ng		-0.01
86) Perylene-d12	15.13	264	303453	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	153859	16.32	ng		0.00
7) Phenol-d6	6.28	99	219952	17.46	ng		-0.01
23) Nitrobenzene-d5	7.19	82	125793	10.14	ng		-0.02
41) 2,4,6-Tribromophenol	10.44	330	31546	11.11	ng		-0.01
44) 2-Fluorobiphenyl	8.98	172	199635	12.51	ng		-0.01
78) Terphenyl-d14	12.72	244	142636	7.73	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.19	82	125791	5.47	ng	#	68
50) 2,6-Dinitrotoluene	9.66	165	33241	7.72	ng	#	21
55) 4-Nitrophenol	9.86	139	455	4.70	ng	#	14
56) 2,4-Dinitrotoluene	9.66	165	33236	6.24	ng	#	16
74) Fluoranthene	12.34	202	162047	7.22	ng		93
77) Pyrene	12.56	202	132874	4.43	ng		96
80) Benzo(a)anthracene	13.75	228	92830	4.23	ng		93
82) Chrysene	13.75	228	92830	4.15	ng		95
87) Benzo(b)fluoranthene	14.75	252	103925	5.27	ng		98
88) Benzo(k)fluoranthene	14.75	252	103925	6.44	ng	#	95
89) Benzo(a)pyrene	15.07	252	50502	2.97	ng	#	92

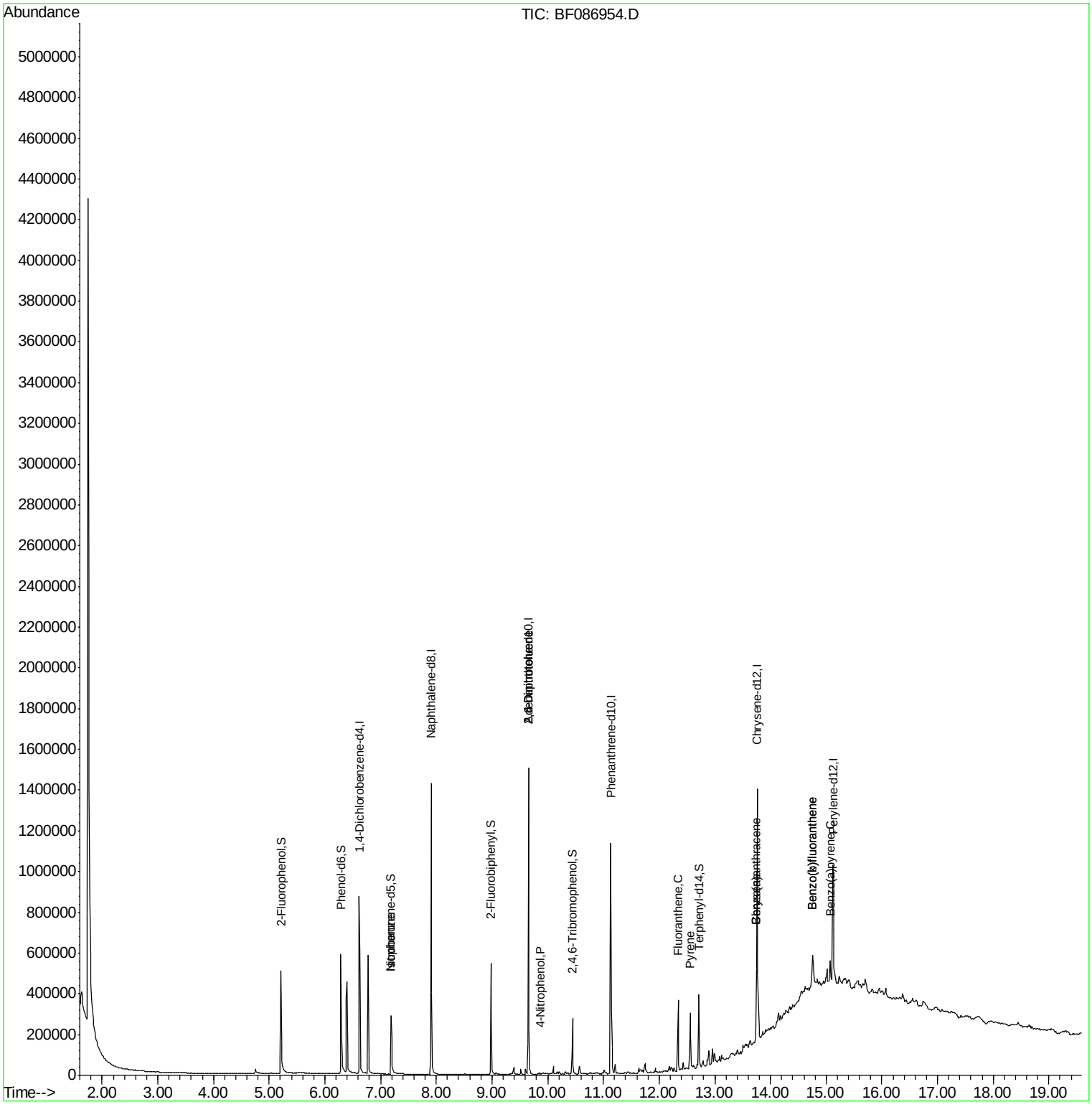
(#) = qualifier out of range (m) = manual integration (+) = signals summed

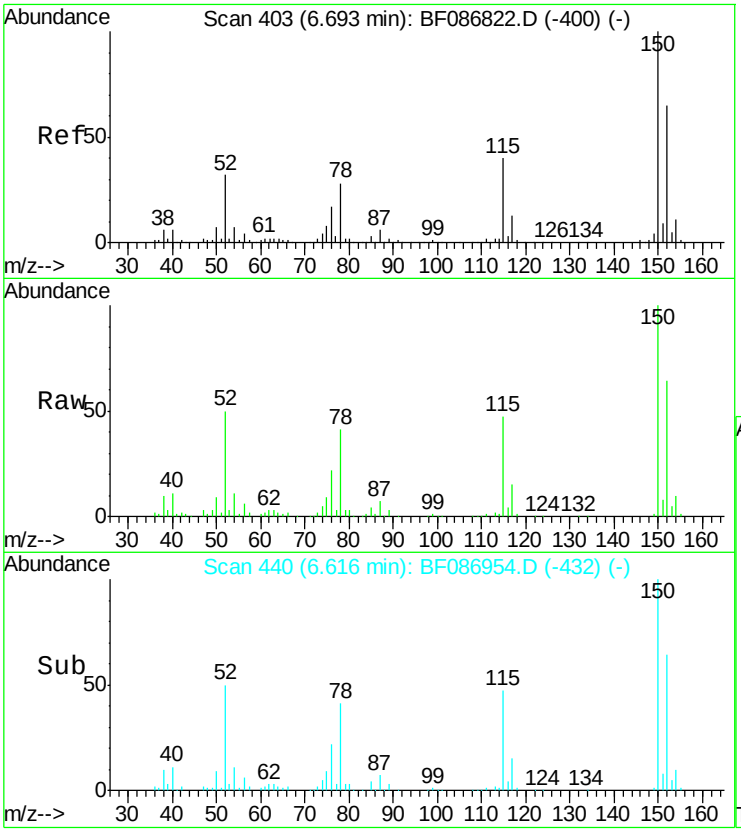
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086954.D
Acq On : 13 May 2016 2:44
Operator : UM/SJ
Sample : H2968-07 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUPB

Quant Time: May 13 04:21:19 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



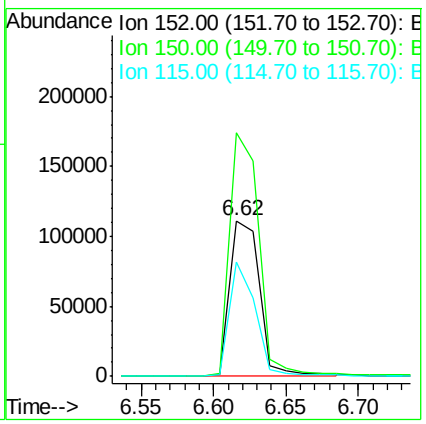


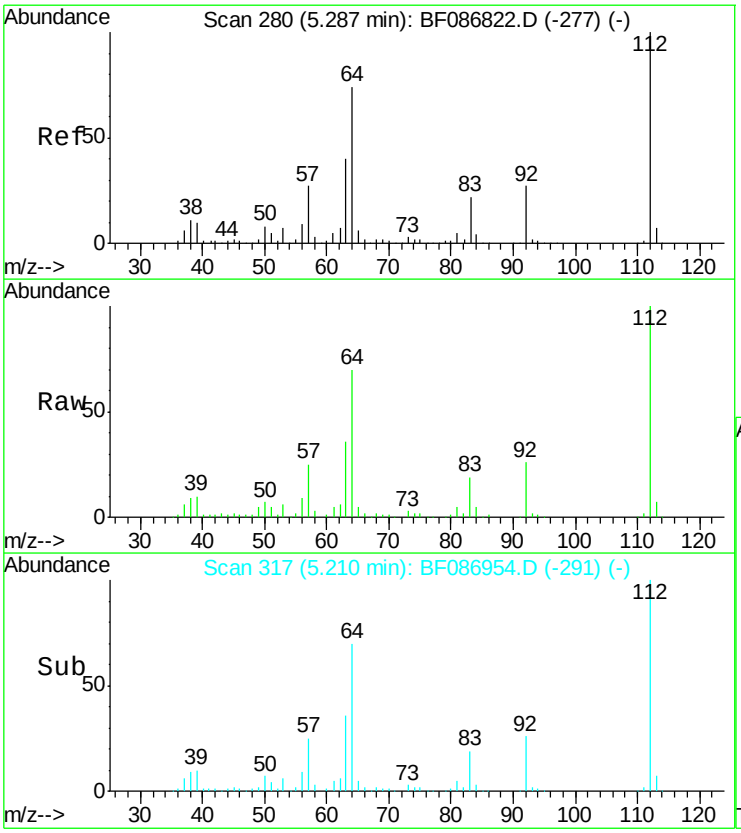
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:152 Resp: 159654

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.6
115	73.8	51.5	77.3

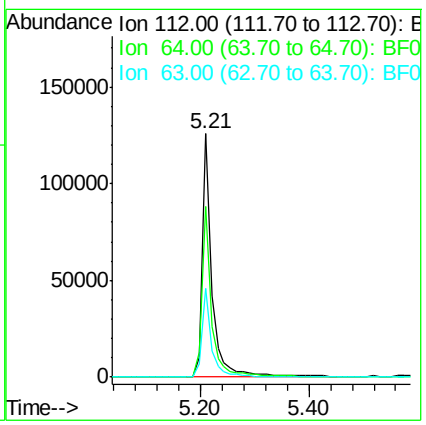


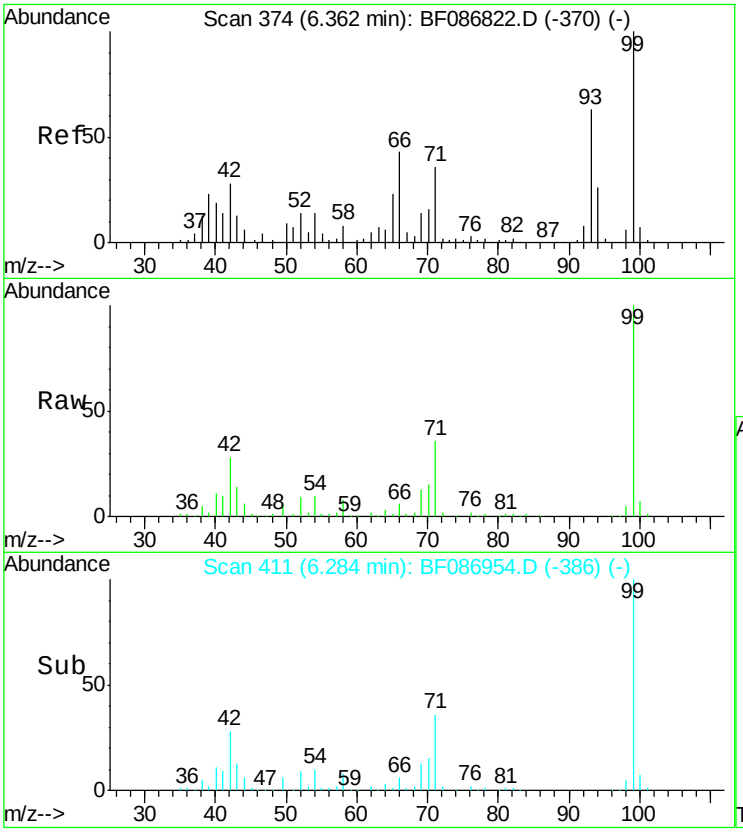


#5
2-Fluorophenol
Concen: 16.32 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:112 Resp: 153859

Ion	Ratio	Lower	Upper
112	100		
64	69.9	52.1	78.1
63	36.4	25.7	38.5



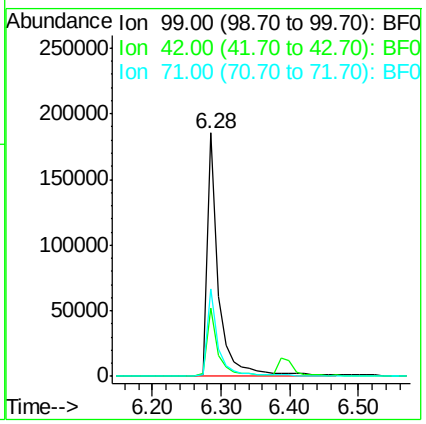


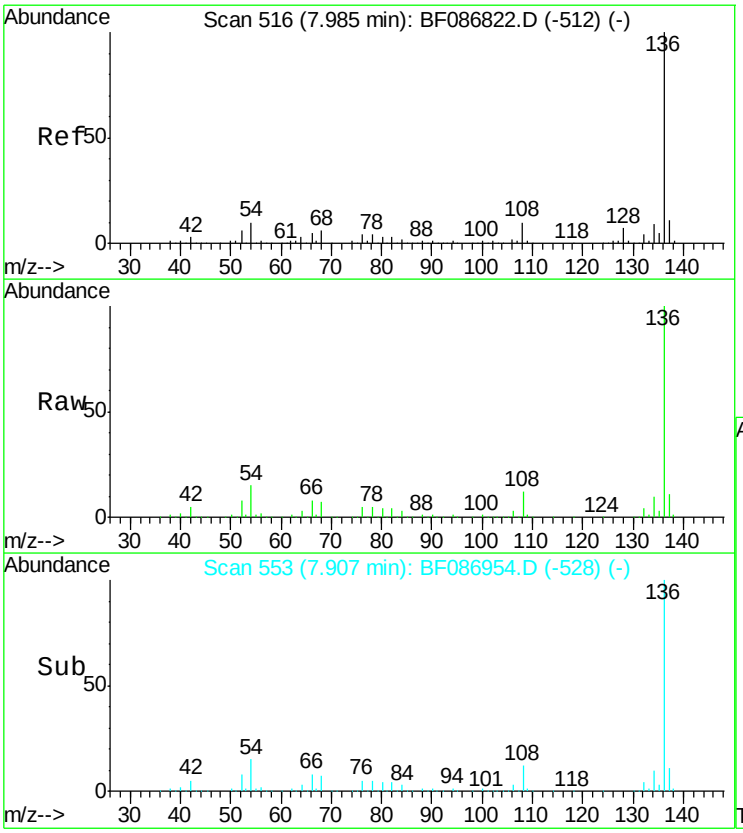
#7
Phenol-d6
Concen: 17.46 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion: 99 Resp: 219952

Ion	Ratio	Lower	Upper
99	100		
42	28.1	13.6	20.4#
71	35.7	24.6	36.8

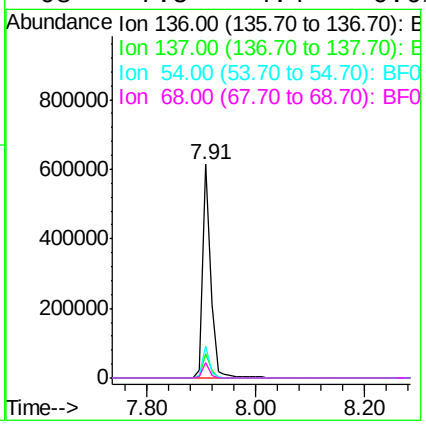


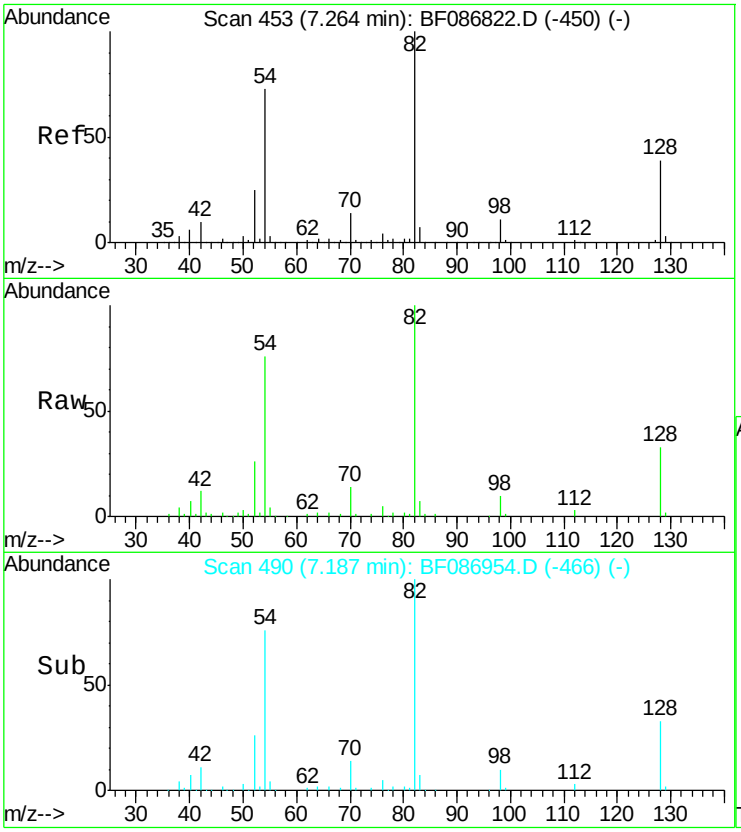


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:136 Resp: 622811

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	14.8	5.0	7.4#
68	7.5	4.4	6.6#



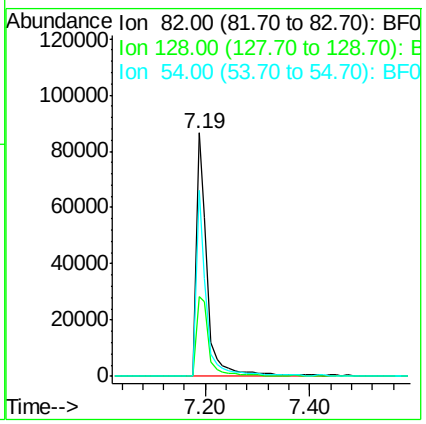


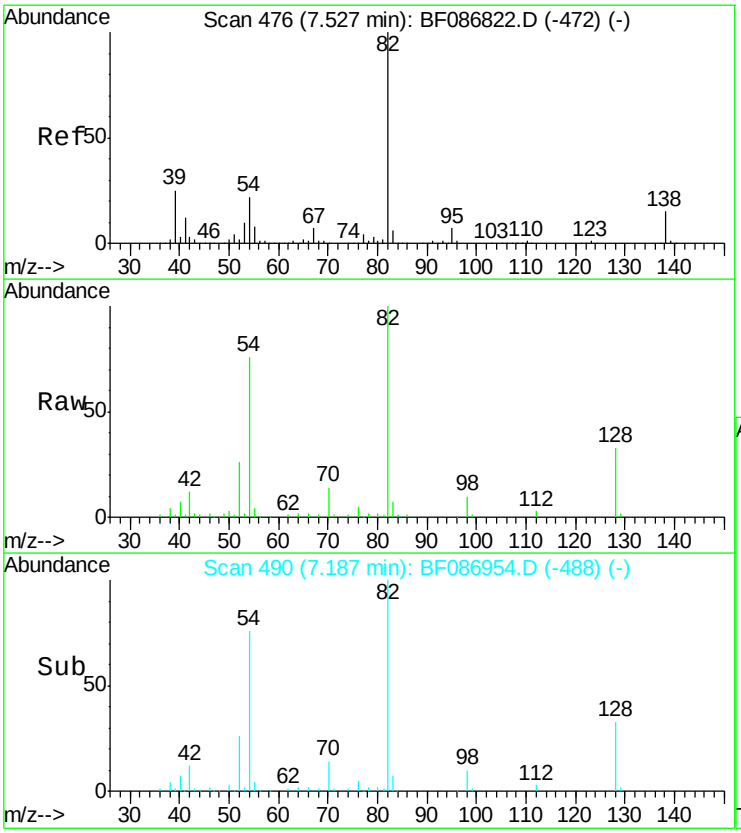
#23
Nitrobenzene-d5
Concen: 10.14 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.02 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion: 82 Resp: 125793

Ion	Ratio	Lower	Upper
82	100		
128	32.6	40.6	61.0#
54	76.2	38.1	57.1#

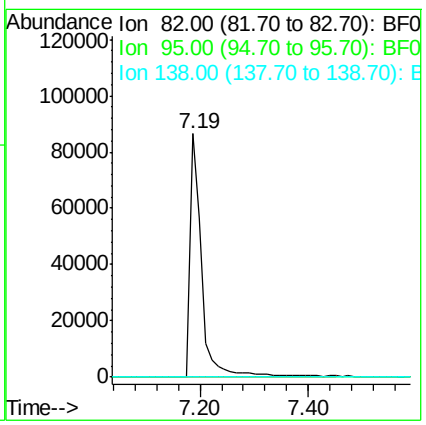


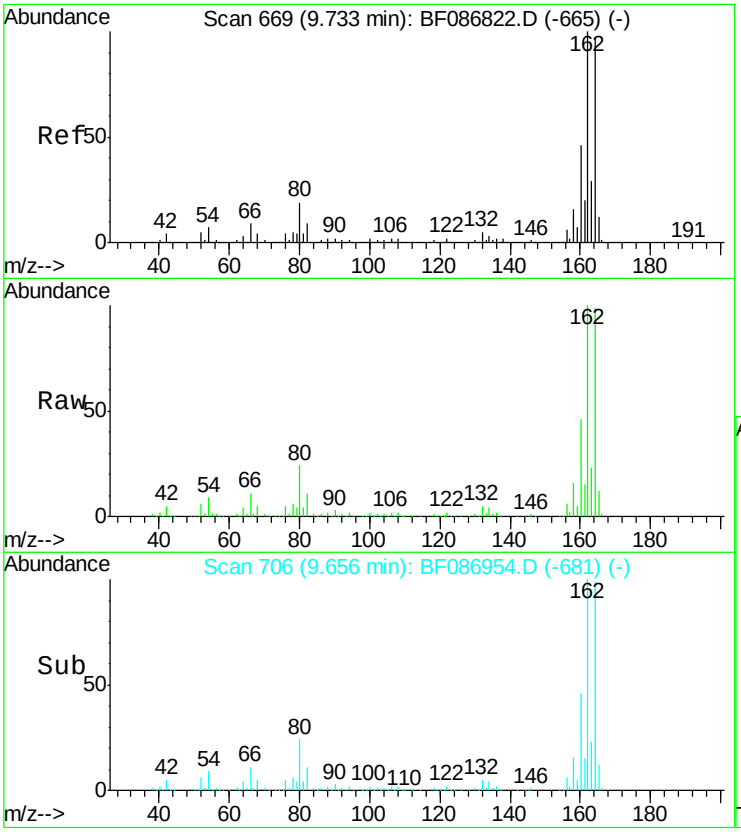


#25
Isophorone
Concen: 5.47 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.27 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion: 82 Resp: 125791

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



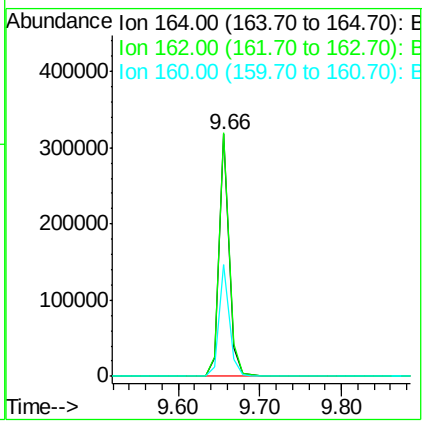


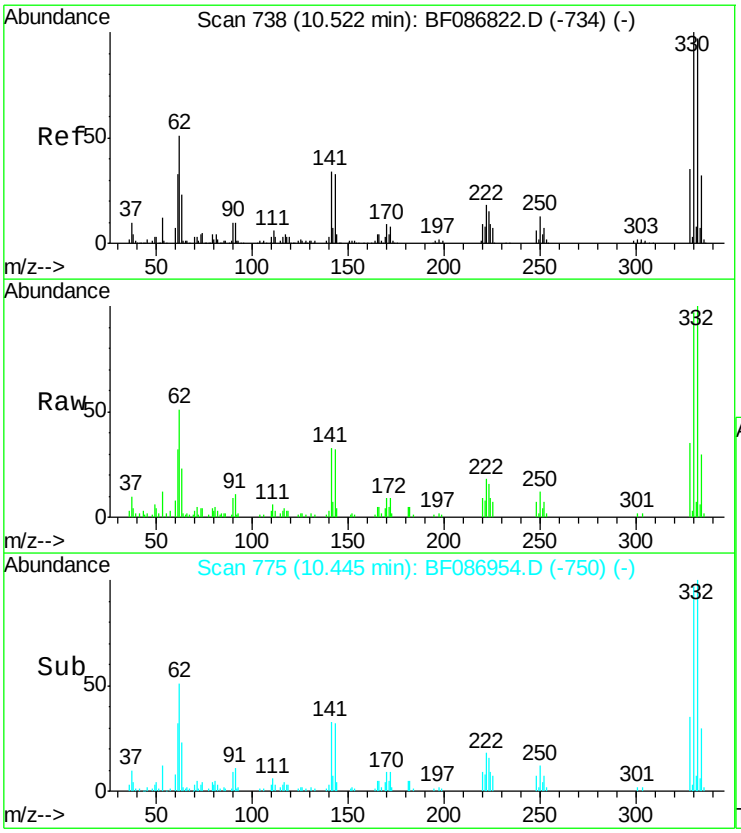
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:164 Resp: 268151

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.8	124.2
160	46.1	36.9	55.3

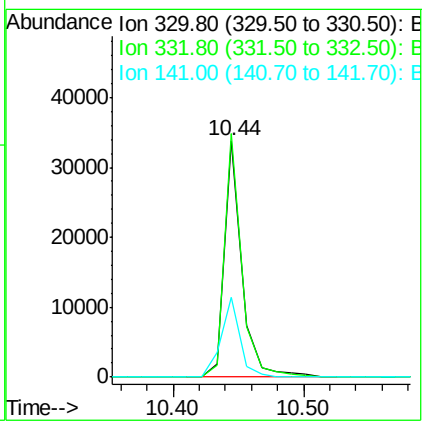


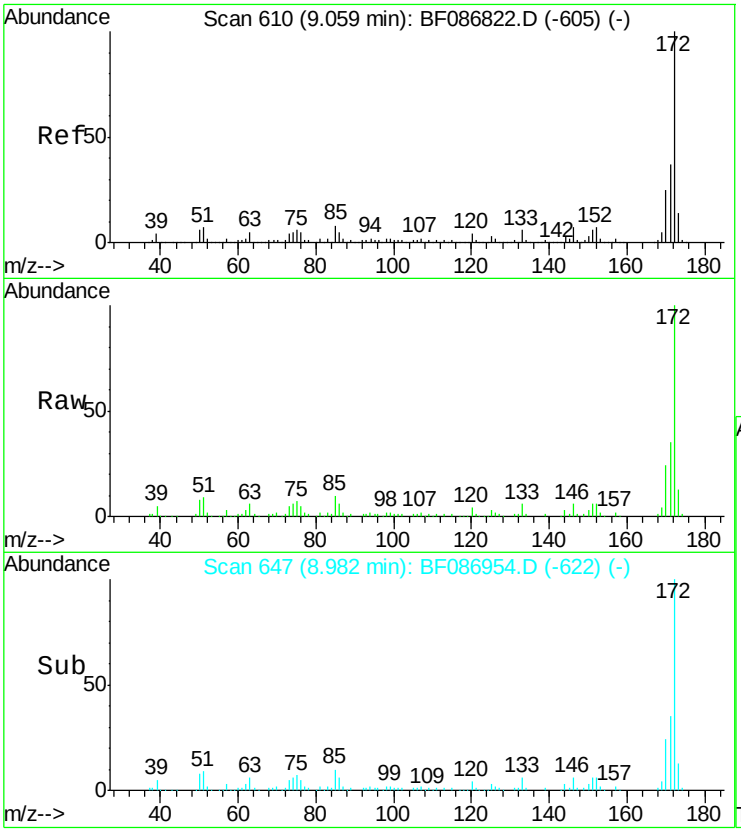


#41
2,4,6-Tribromophenol
Concen: 11.11 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:330 Resp: 31546

Ion	Ratio	Lower	Upper
330	100		
332	101.6	79.0	118.4
141	36.7	31.2	46.8



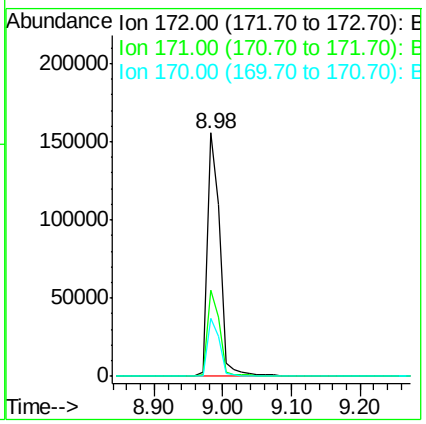


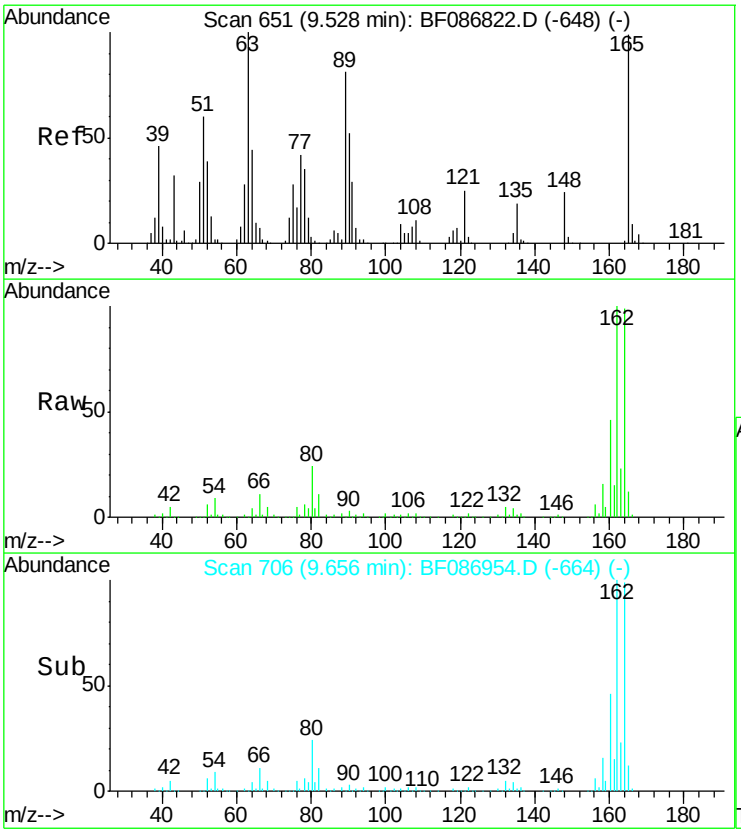
#44
2-Fluorobiphenyl
Concen: 12.51 ng
RT: 8.98 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:172 Resp: 199635

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	23.6	19.8	29.8

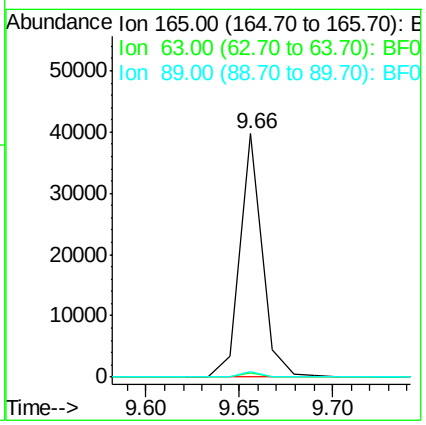


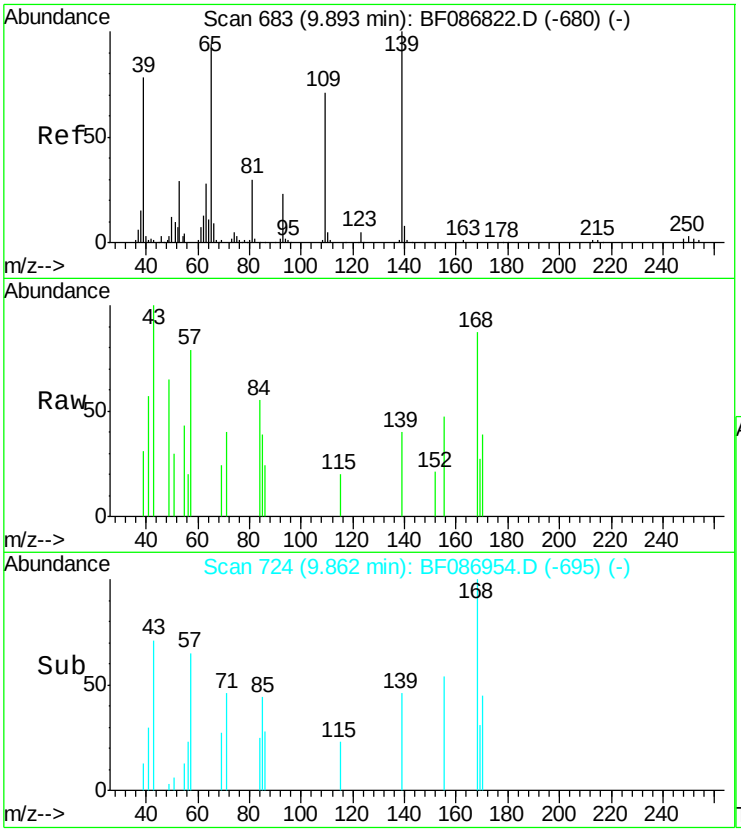


#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.66 min Scan# 706
Delta R.T. 0.18 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:165 Resp: 33241

Ion	Ratio	Lower	Upper
165	100		
63	1.7	51.8	77.8#
89	2.2	50.7	76.1#



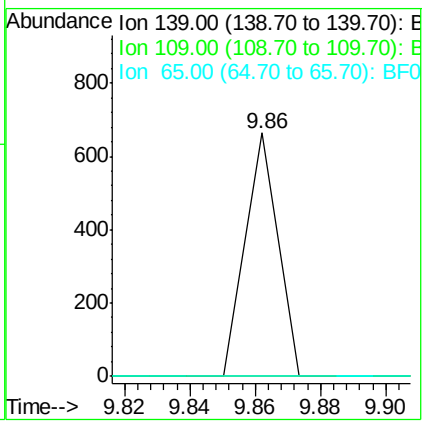


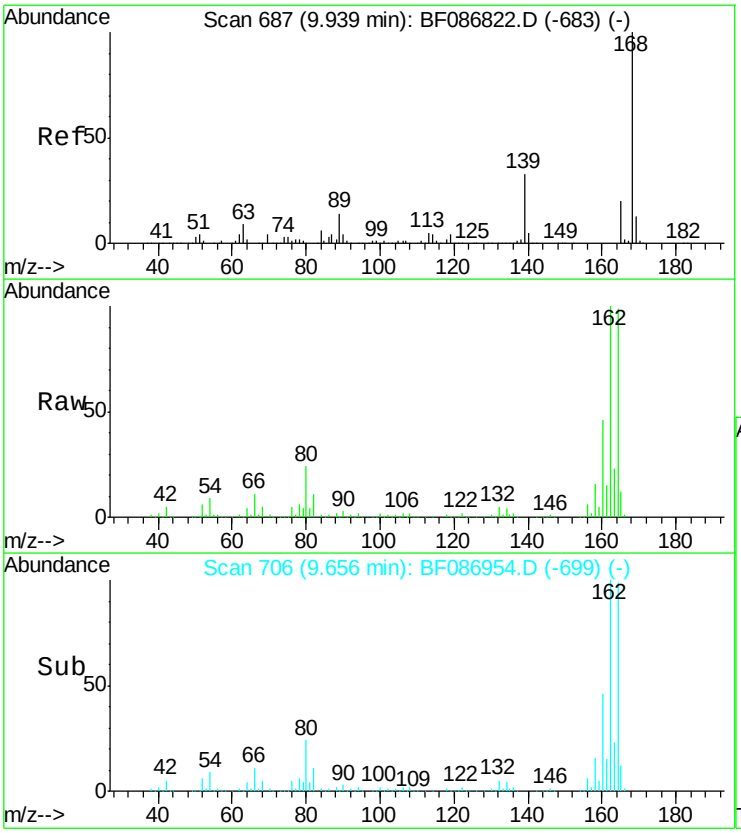
#55
4-Nitrophenol
Concen: 4.70 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.03 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:139 Resp: 455

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

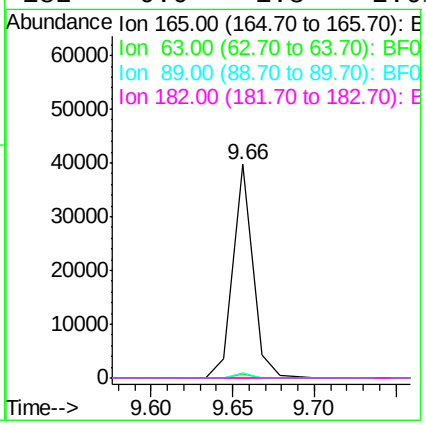


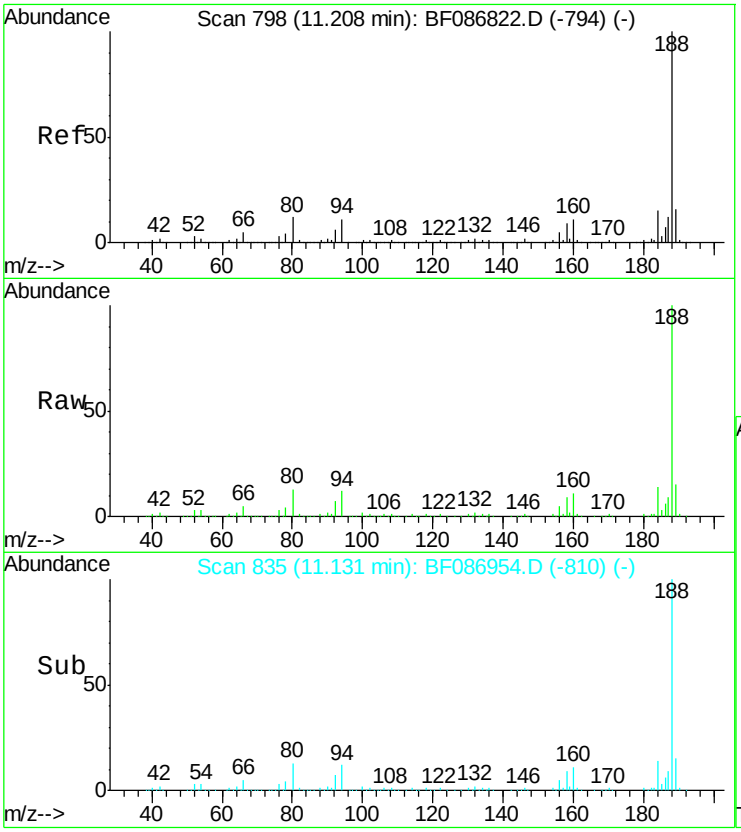


#56
2,4-Dinitrotoluene
Concen: 6.24 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.22 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:165 Resp: 33236

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.3	66.5#
89	2.2	70.0	105.0#
182	0.0	1.8	2.6#



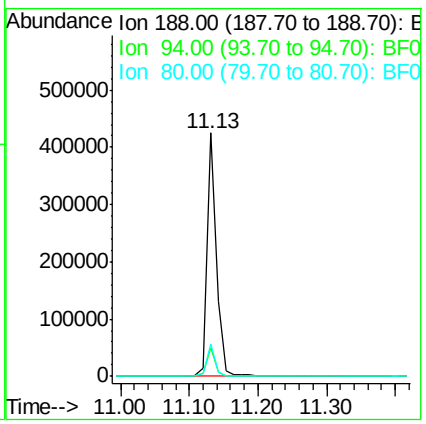


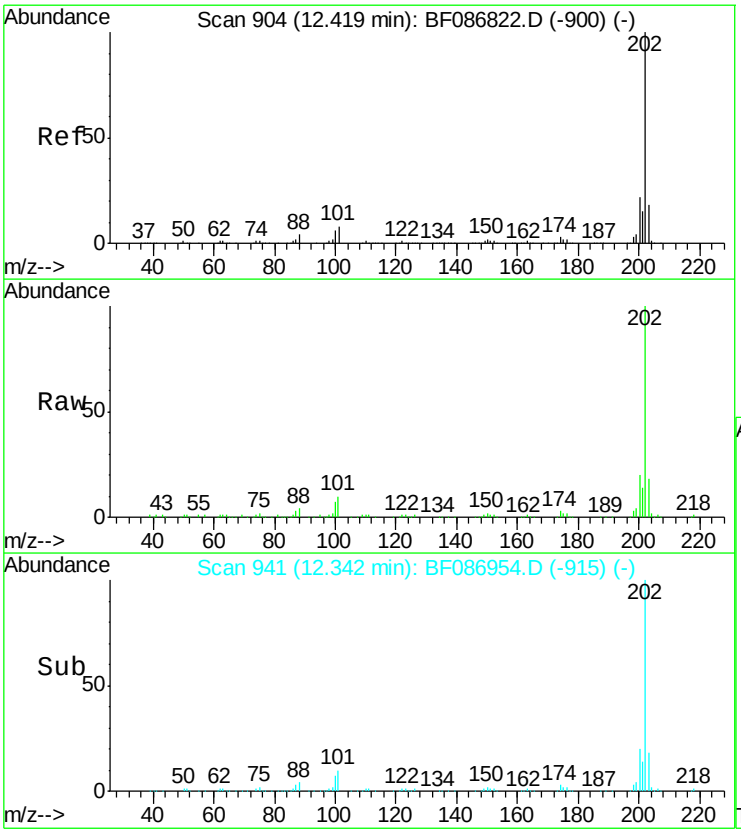
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:188 Resp: 408938

Ion	Ratio	Lower	Upper
188	100		
94	11.8	6.8	10.2#
80	13.2	7.1	10.7#

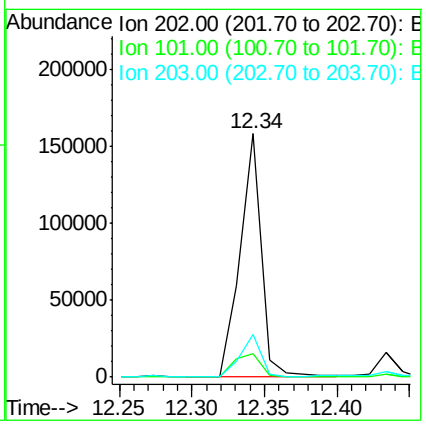


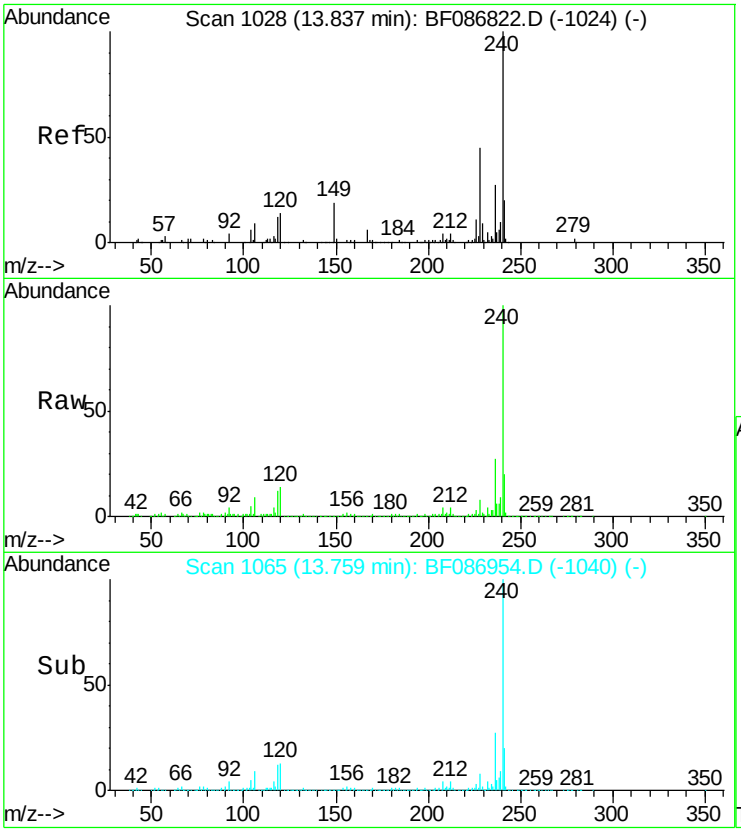


#74
Fluoranthene
Concen: 7.22 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:202 Resp: 162047

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	35.4
203	17.5	0.0	38.1



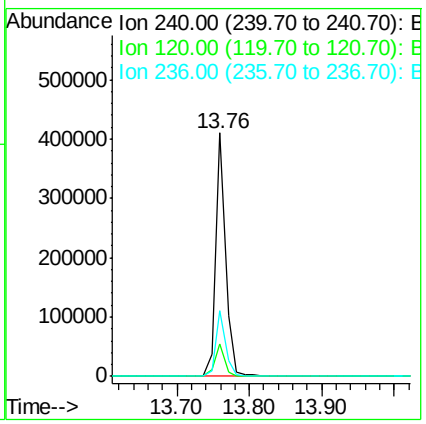


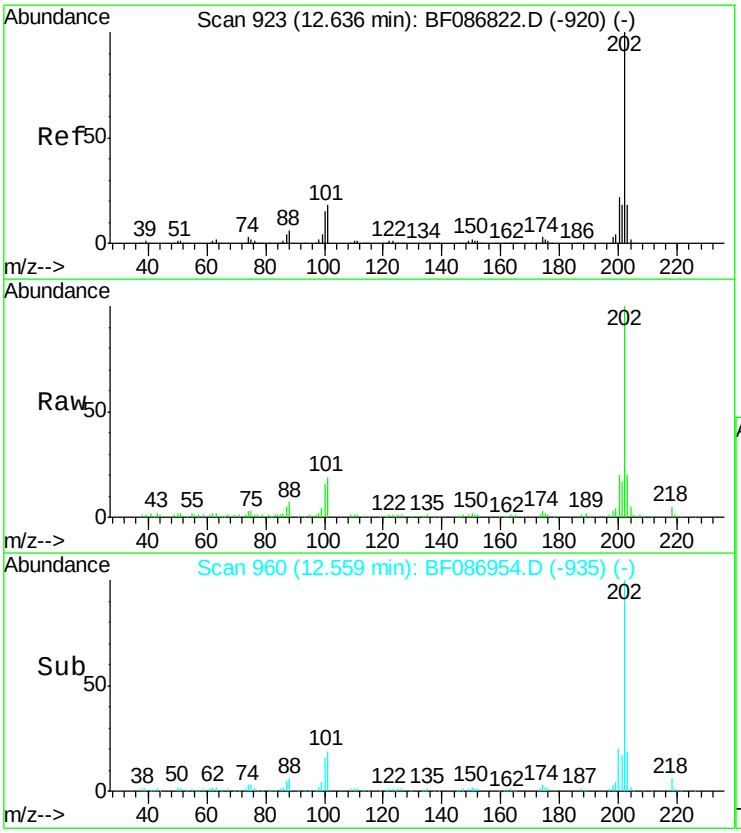
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:240 Resp: 391339

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.2	16.8
236	26.9	21.2	31.8

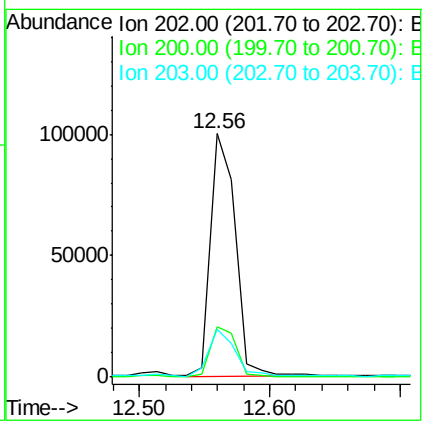


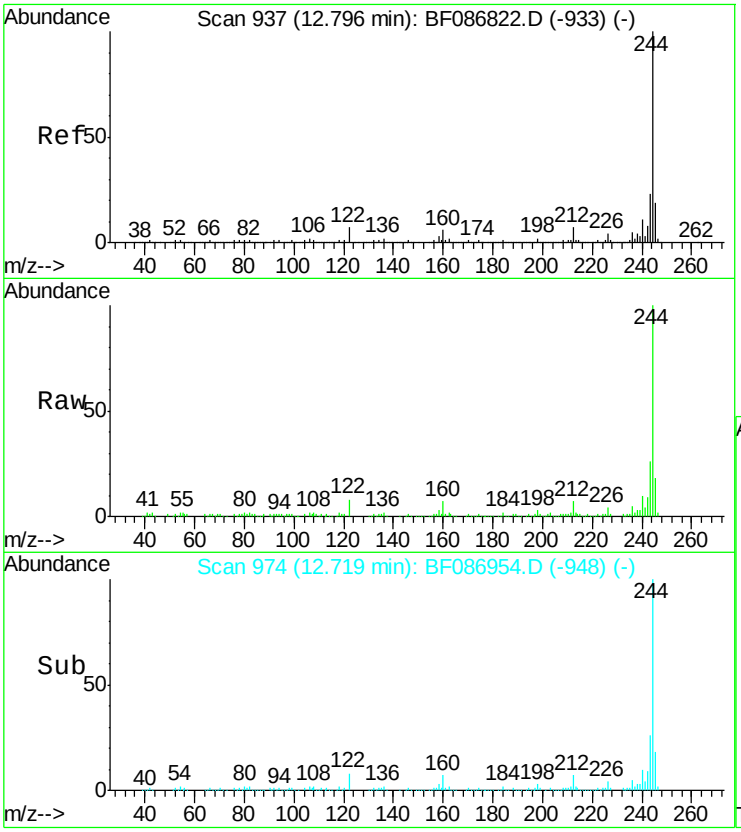


#77
Pyrene
Concen: 4.43 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:202 Resp: 132874

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	19.7	14.2	21.4



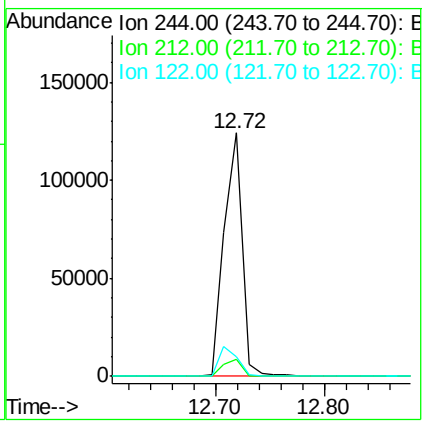


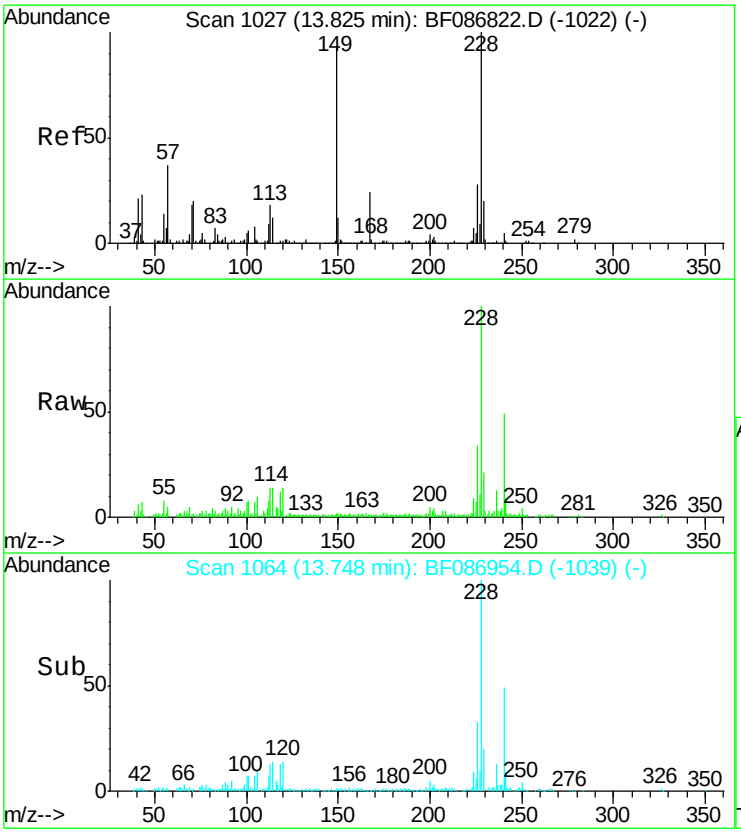
#78
Terphenyl-d14
Concen: 7.73 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:244 Resp: 142636

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.0	12.0	18.0#

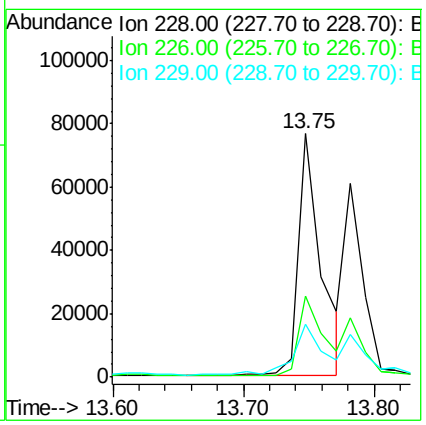


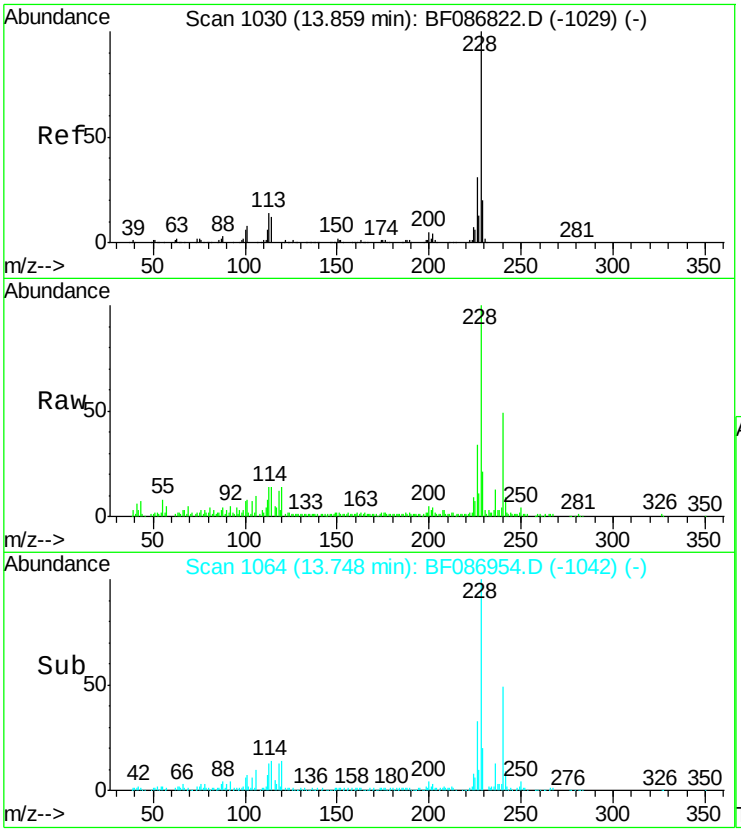


#80
Benzo(a)anthracene
Concen: 4.23 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:228 Resp: 92830

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.5	33.7
229	21.5	16.6	25.0



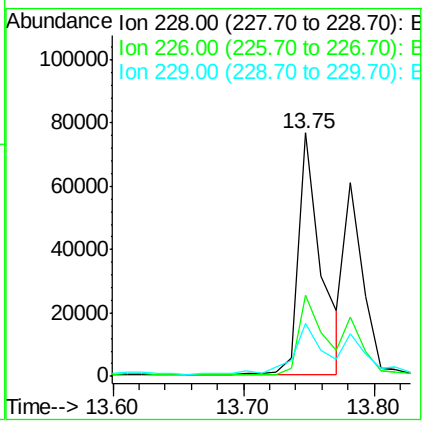


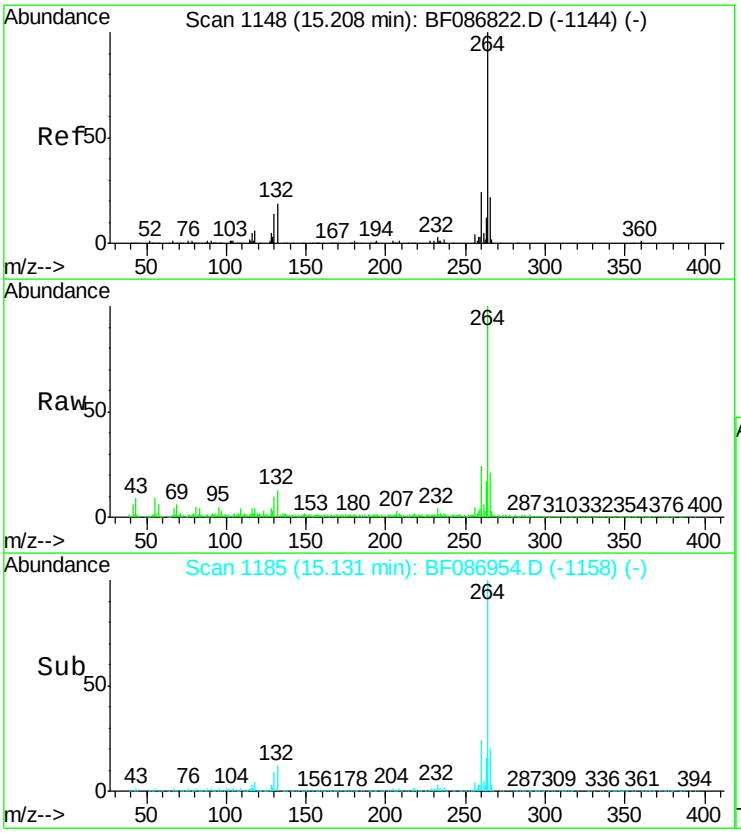
#82
Chrysene
Concen: 4.15 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:228 Resp: 92830

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.4	36.6
229	21.5	15.8	23.8

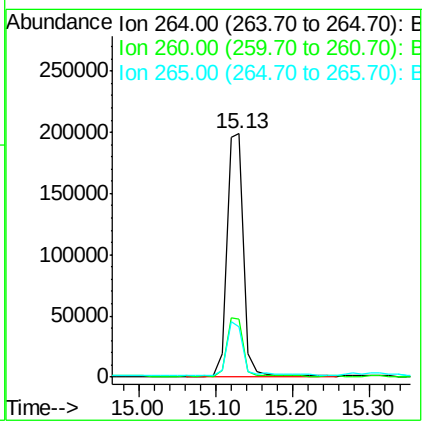


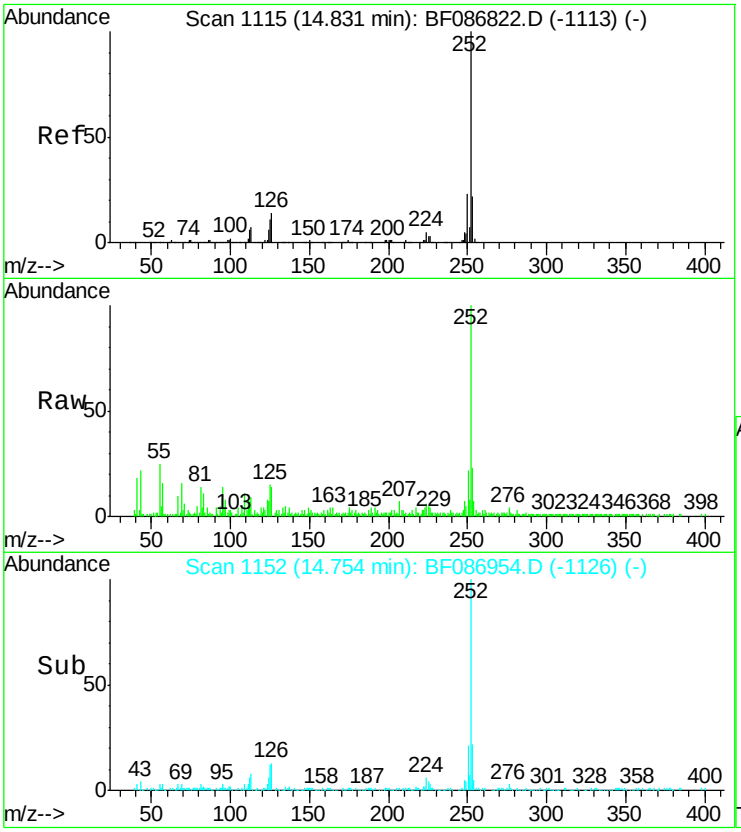


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:264 Resp: 303453

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	20.7	17.3	25.9



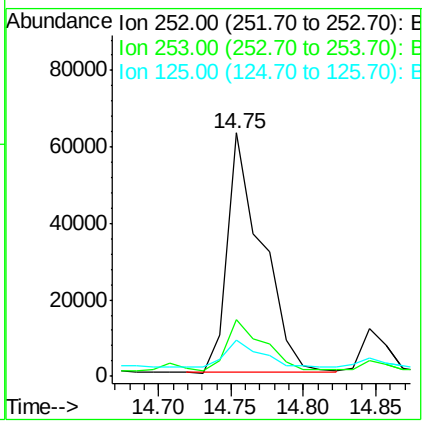


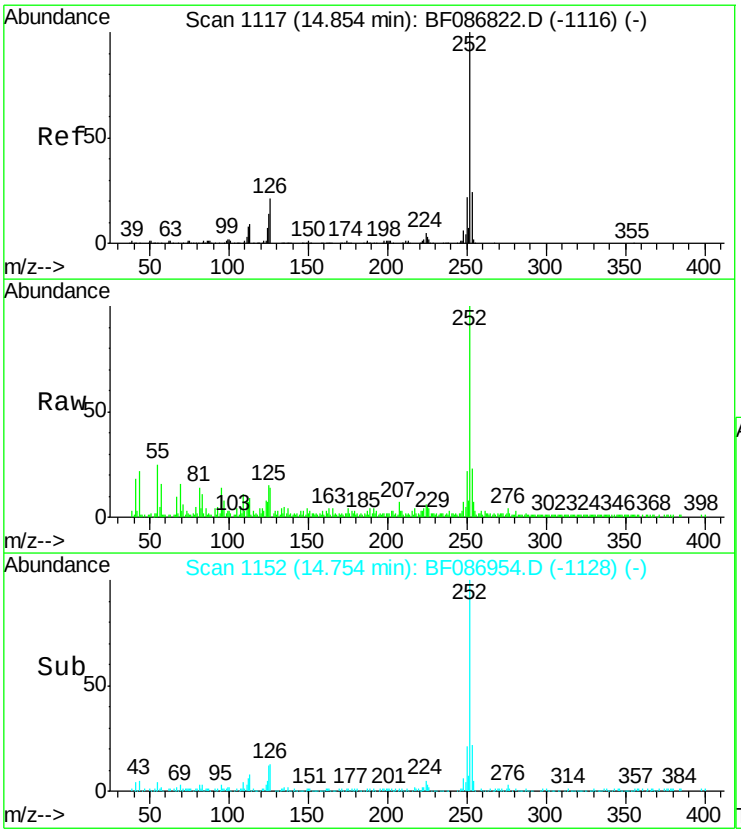
#87
Benzo(b)fluoranthene
Concen: 5.27 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:252 Resp: 103925

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	15.1	11.4	17.0

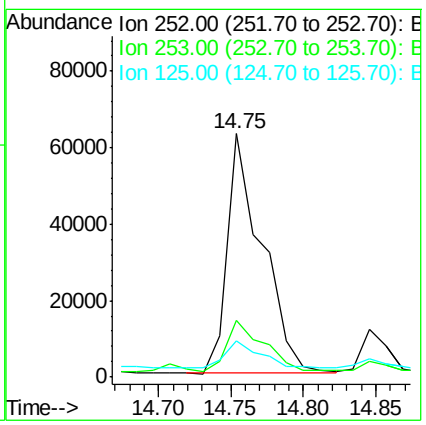


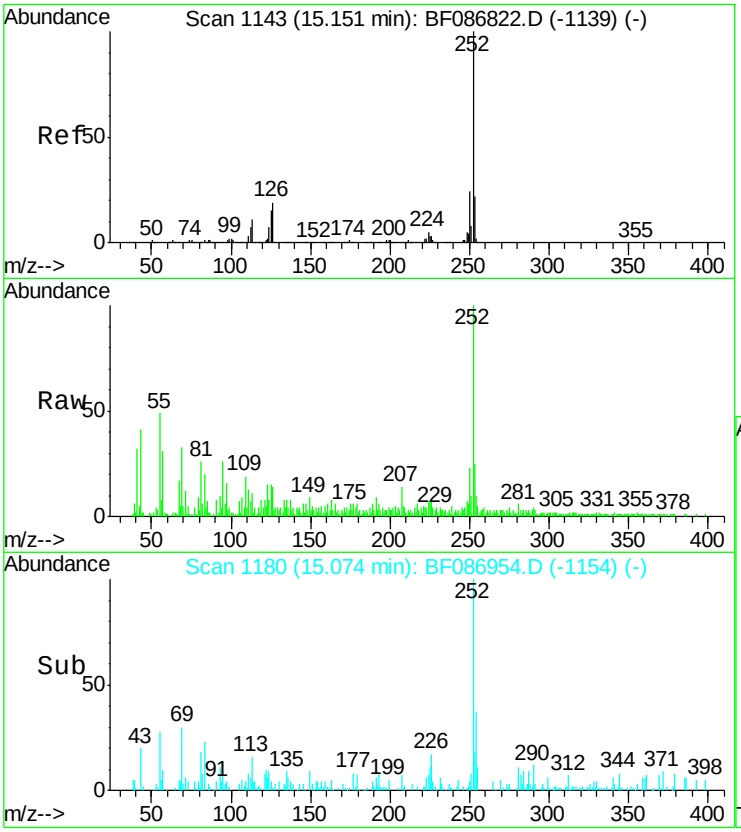


#88
Benzo(k)fluoranthene
Concen: 6.44 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Tgt Ion:252 Resp: 103925

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	15.1	9.1	13.7#





#89
Benzo(a)pyrene
Concen: 2.97 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF086954.D
Acq: 13 May 2016 2:44

Instrument :
BNA_F
ClientSampleId :
DUPB

Tgt Ion:252 Resp: 50502

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.2	25.8
125	14.9	9.0	13.6#