Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087865.D
Acq On : 9 Jun 2016 21:19
Operator : UM/SJ
Sample : H3378-10RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-20RE

Quant Time: Jun 10 02:02:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121624	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	451814	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	195188	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	285771	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	249857	20.00	ng		-0.03
86) Perylene-d12	15.36	264	195151	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	379673	53.37	ng		-0.02
7) Phenol-d6	6.44	99	487238	56.51	ng		-0.03
23) Nitrobenzene-d5	7.38	82	289941	37.47	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	94468	45.84	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	459019	33.59	ng		-0.03
78) Terphenyl-d14	12.91	244	342513	31.19	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	1398	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.38	70	37222	6.75	ng	#	74
45) 1,1'-Biphenyl	9.18	154	738	Below Cal		#	1
49) Dimethylphthalate	9.58	163	150099	10.62	ng		98
56) 2,4-Dinitrotoluene	9.85	165	25430	6.11	ng	#	37
57) Fluorene	10.40	166	2308	Below Cal			98
70) Phenanthrene	11.35	178	38930	2.60	ng		97
74) Fluoranthene	12.54	202	75293	4.76	ng		96
77) Pyrene	12.77	202	65759	3.55	ng		97
80) Benzo(a)anthracene	13.94	228	40024	2.81	ng		96
82) Chrysene	13.98	228	30536	2.28	ng		96
87) Benzo(b)fluoranthene	14.96	252	53020	3.90	ng	#	91
88) Benzo(k)fluoranthene	14.96	252	53020	5.17	ng		97
89) Benzo(a)pyrene	15.30	252	26285	2.39	ng		98

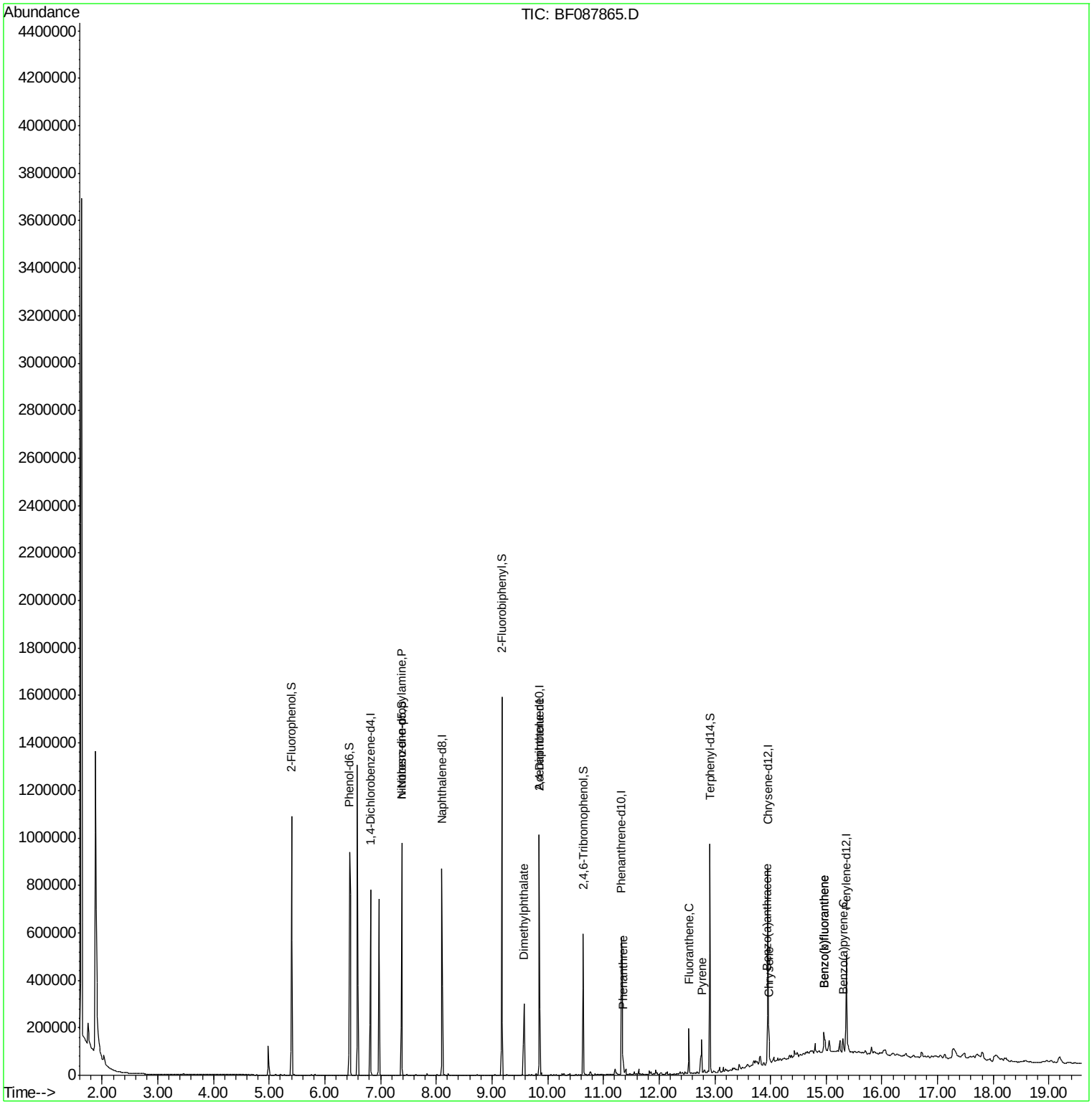
(#) = qualifier out of range (m) = manual integration (+) = signals summed

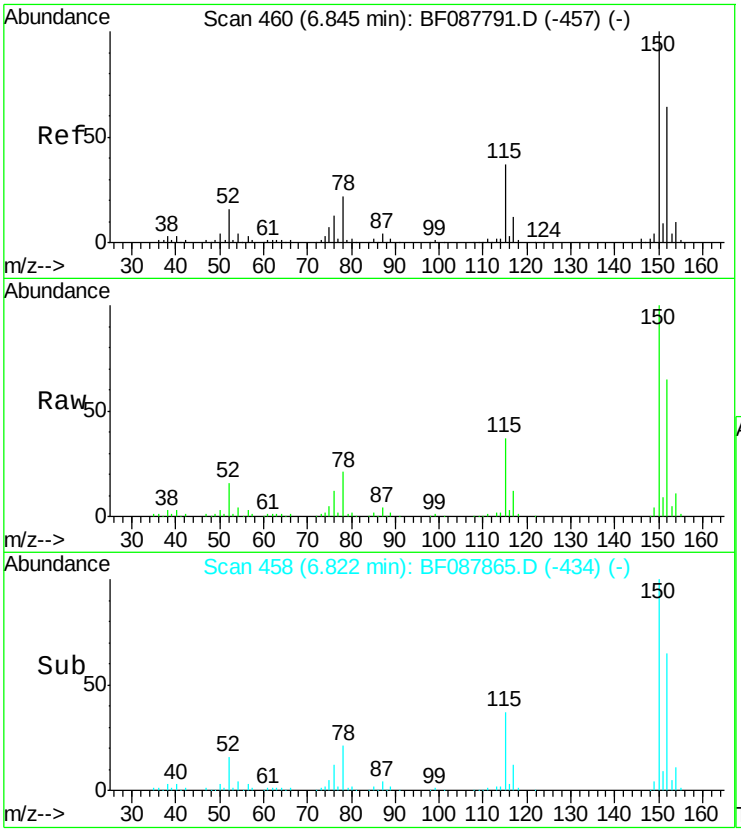
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060916\
Data File : BF087865.D
Acq On : 9 Jun 2016 21:19
Operator : UM/SJ
Sample : H3378-10RE
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Quant Time: Jun 10 02:02:57 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration



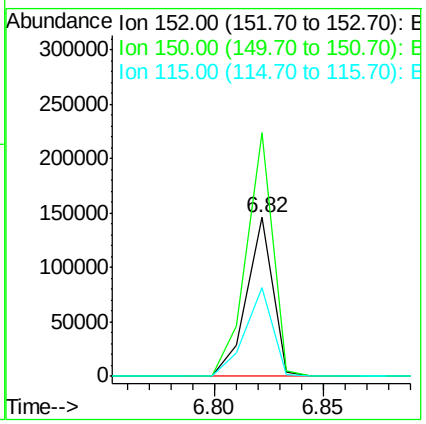


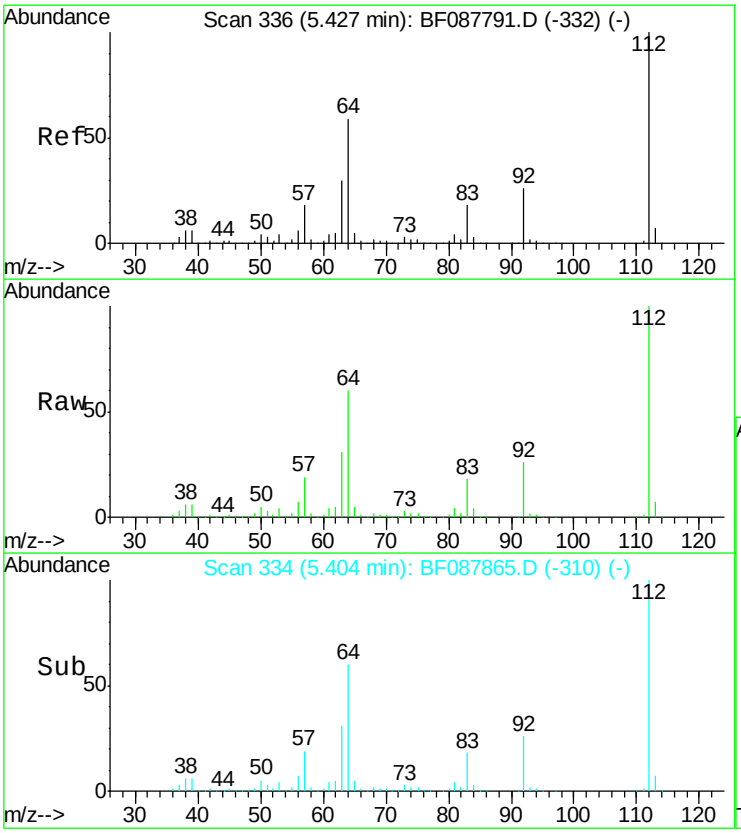
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:152 Resp: 121624

Ion	Ratio	Lower	Upper
152	100		
150	153.5	123.8	185.6
115	56.0	39.6	59.4

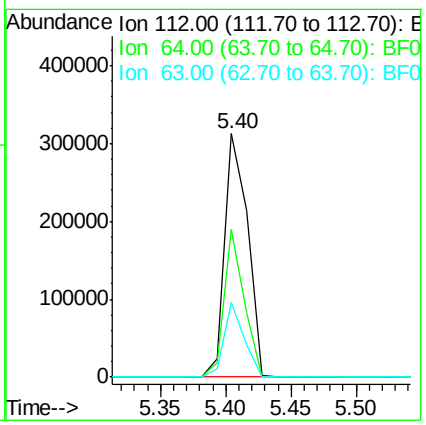


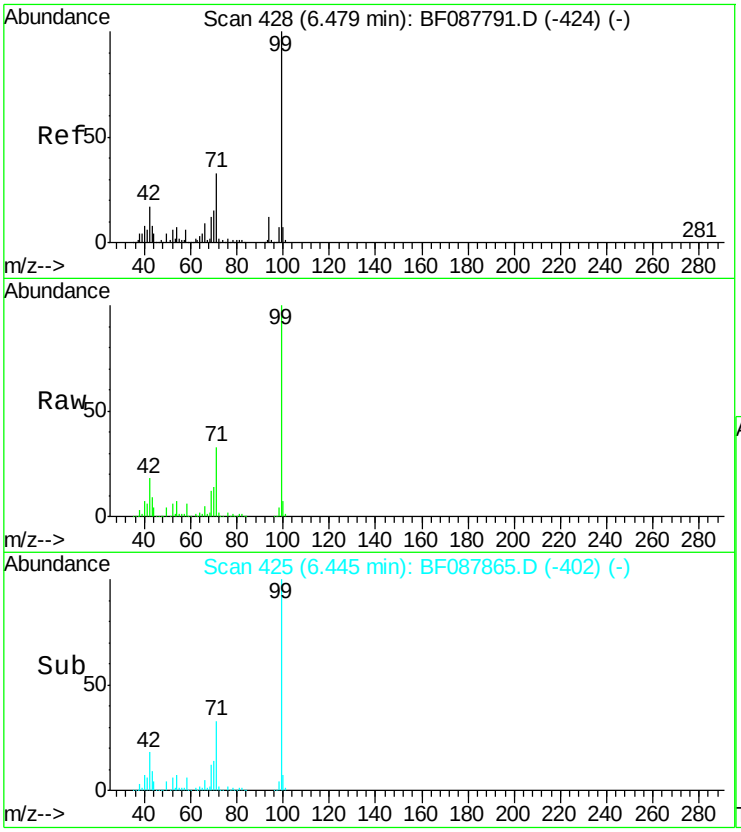


#5
2-Fluorophenol
Concen: 53.37 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:112 Resp: 379673

Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.2	63.2
63	30.9	21.8	32.8



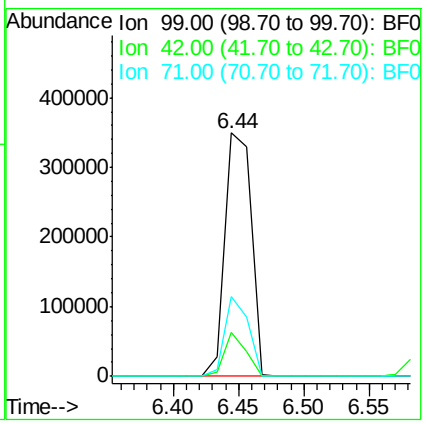


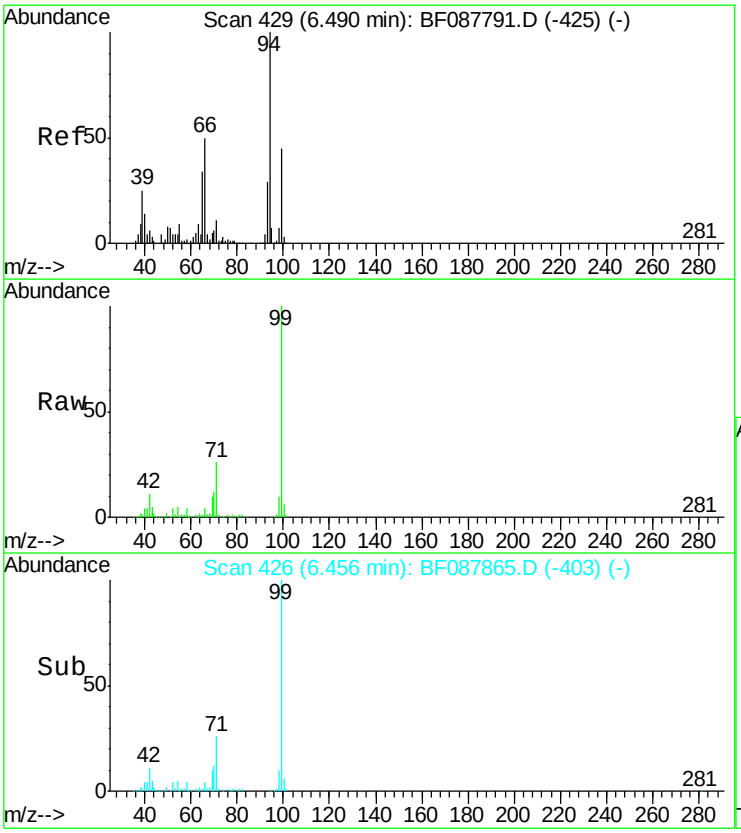
#7
Phenol-d6
Concen: 56.51 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion: 99 Resp: 487238

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	32.8	23.4	35.0

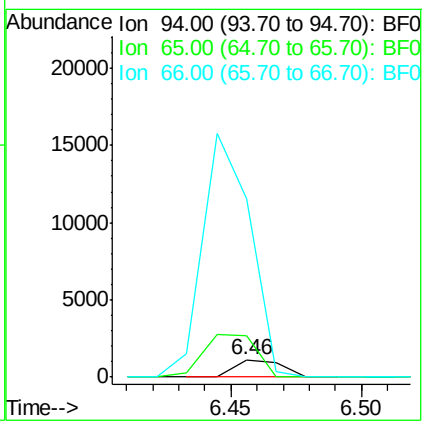


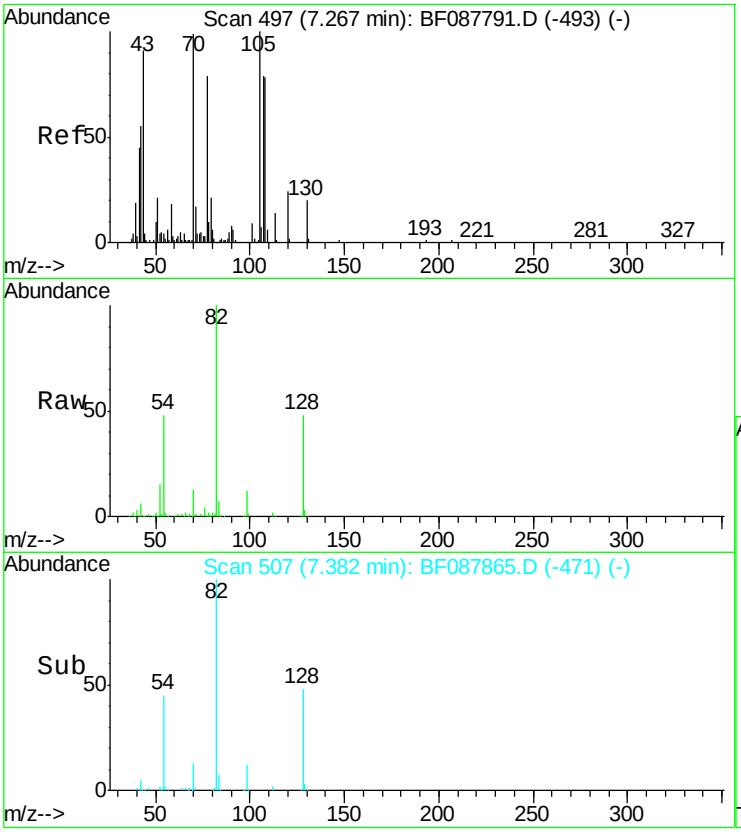


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion: 94 Resp: 1398

Ion	Ratio	Lower	Upper
94	100		
65	238.5	5.9	45.9#
66	1031.6	14.0	54.0#



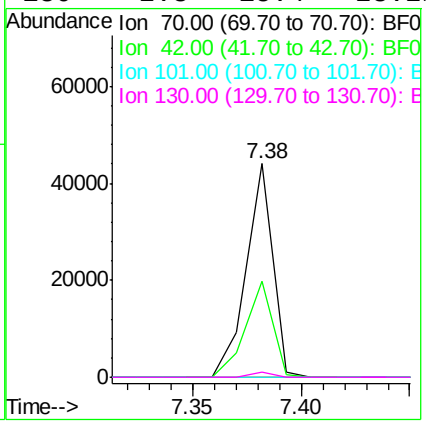


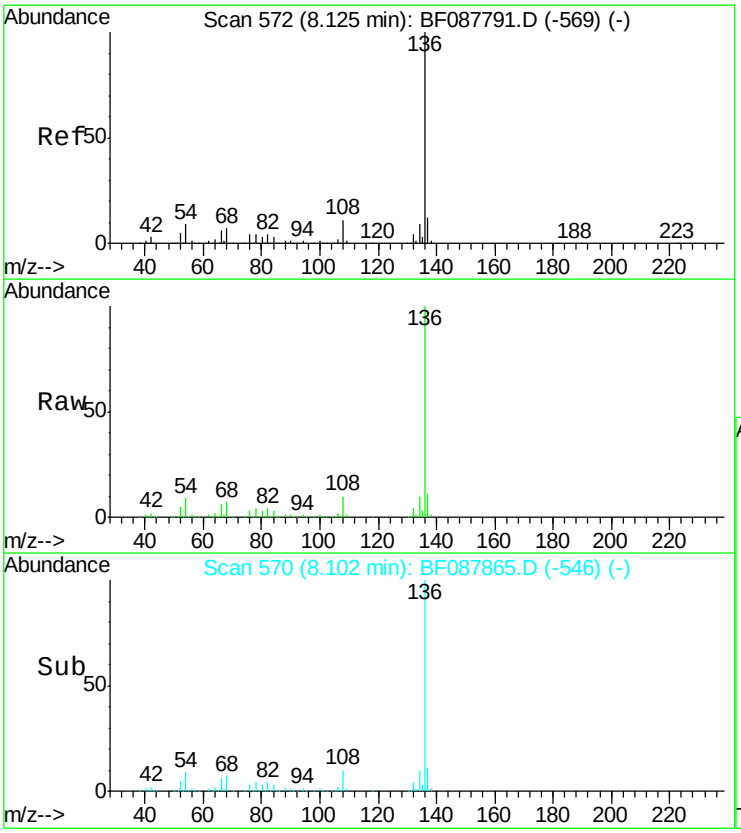
#19
n-Nitroso-di-n-propylamine
Concen: 6.75 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion: 70 Resp: 37222

Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

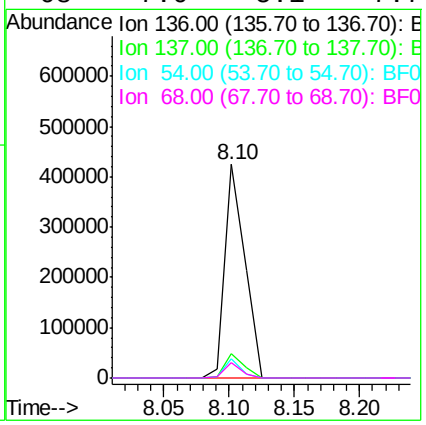


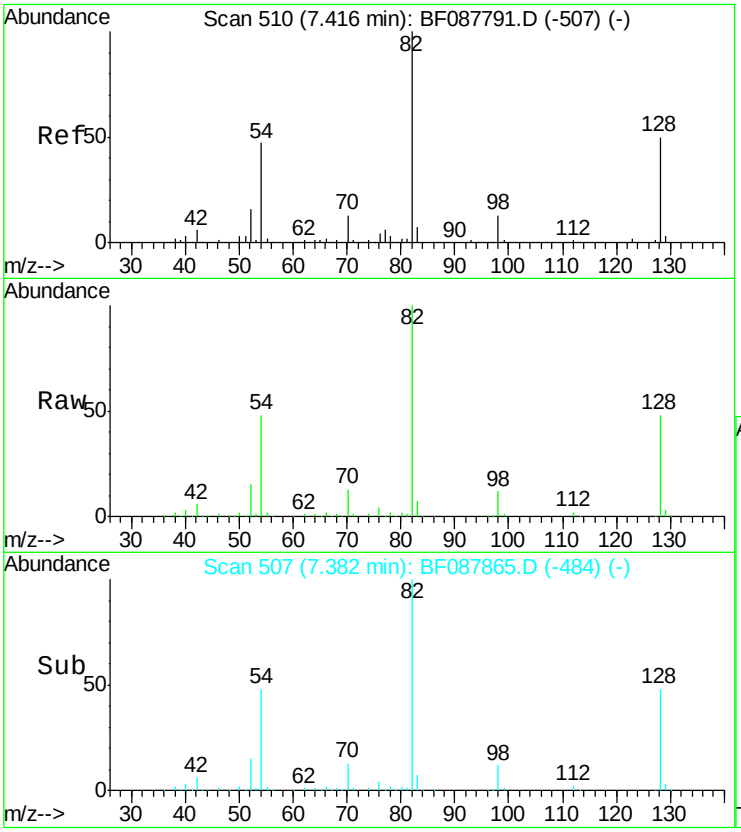


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:136 Resp: 451814

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	7.0	5.1	7.7



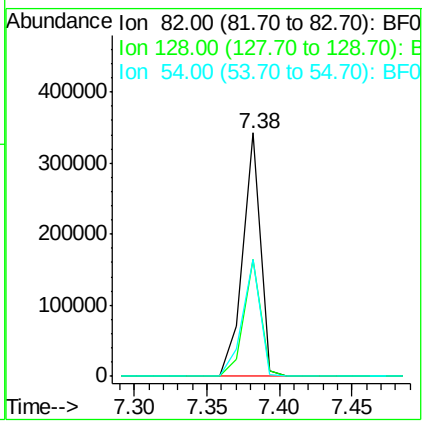


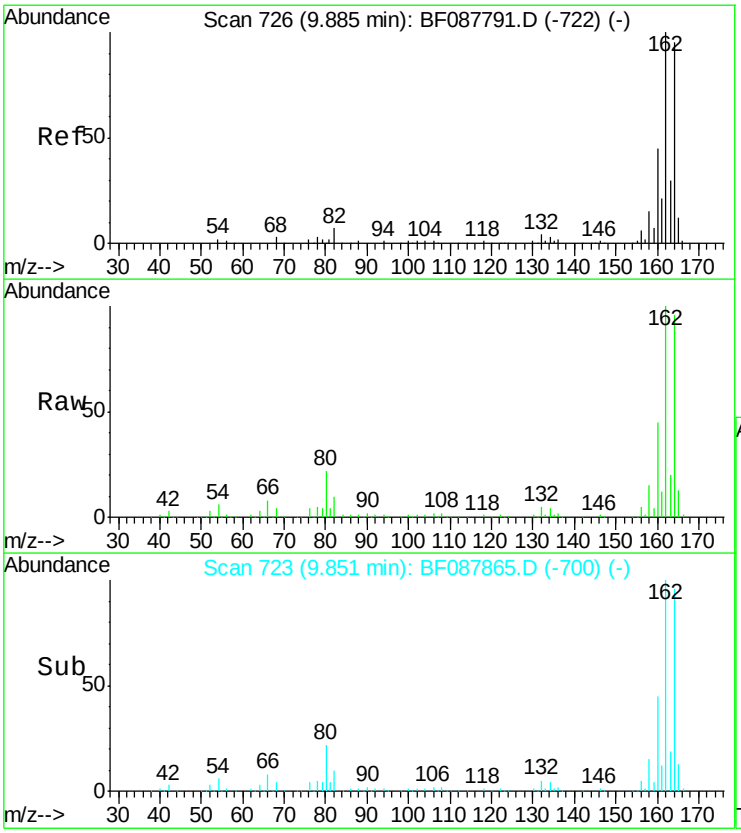
#23
Nitrobenzene-d5
Concen: 37.47 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion: 82 Resp: 289941

Ion	Ratio	Lower	Upper
82	100		
128	48.0	35.9	53.9
54	47.8	40.9	61.3

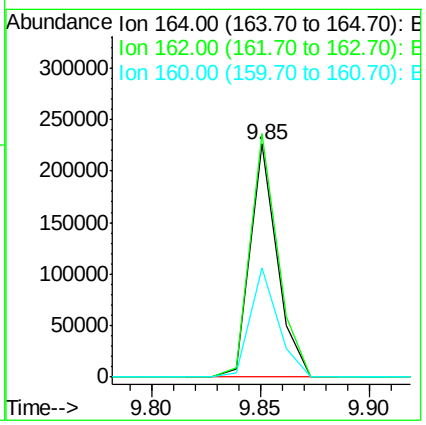


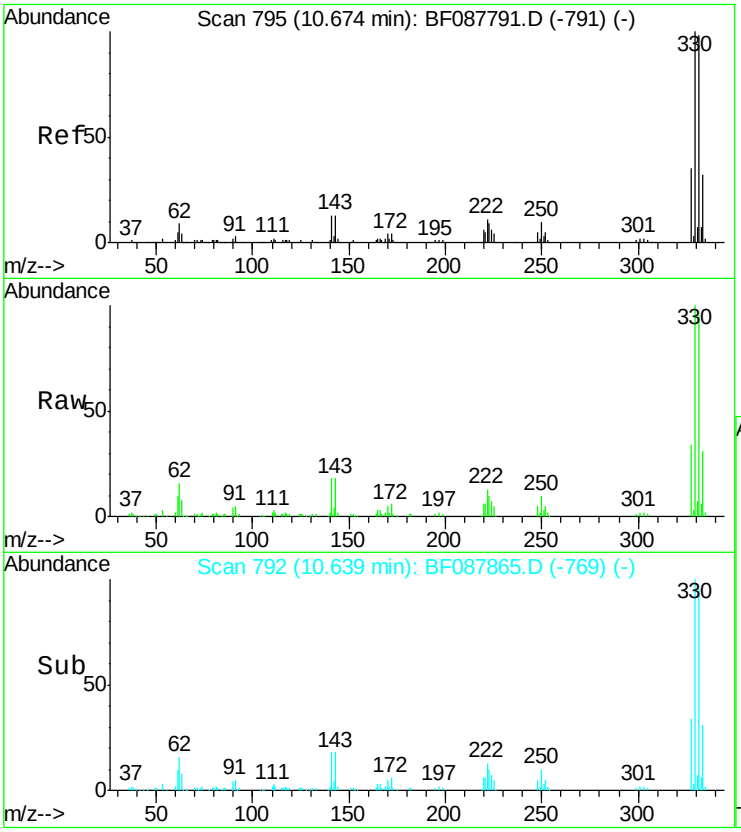


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:164 Resp: 195188

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.0	39.5	59.3



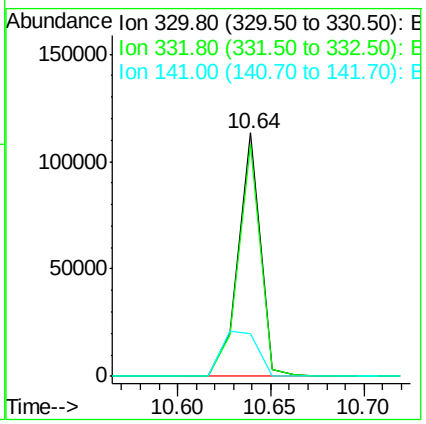


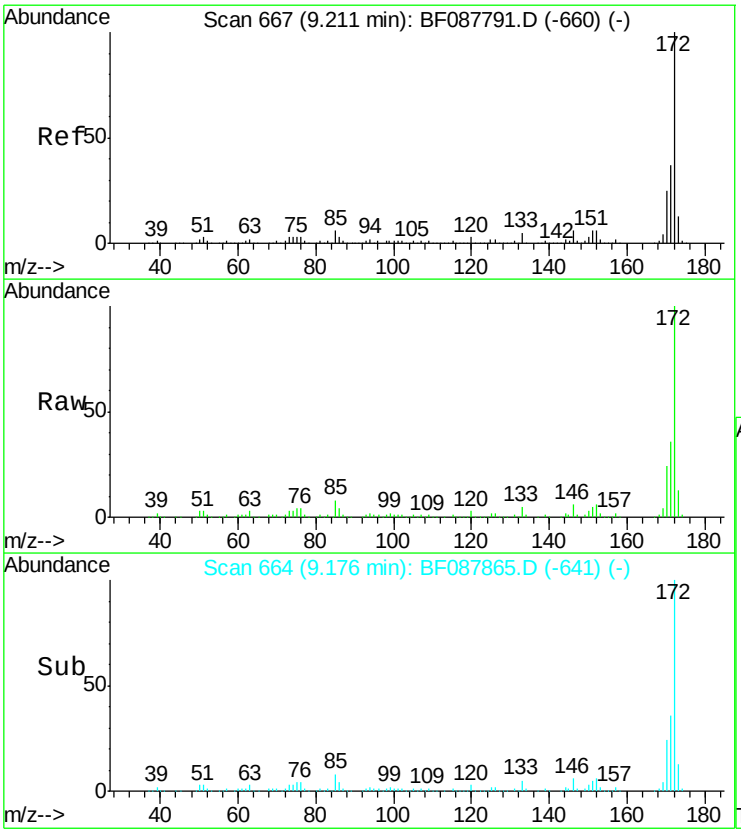
#41
2,4,6-Tribromophenol
Concen: 45.84 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument : BNA_F
ClientSampleId : SS-20RE

Tgt Ion:330 Resp: 94468

Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	30.3	0.0	0.0#

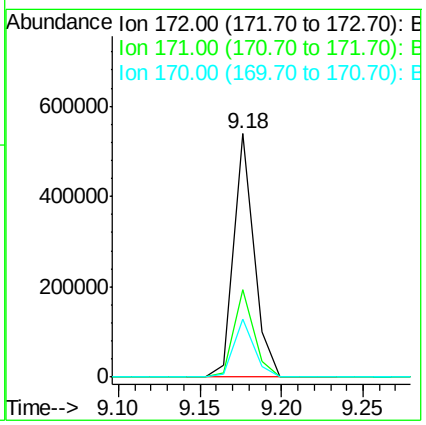


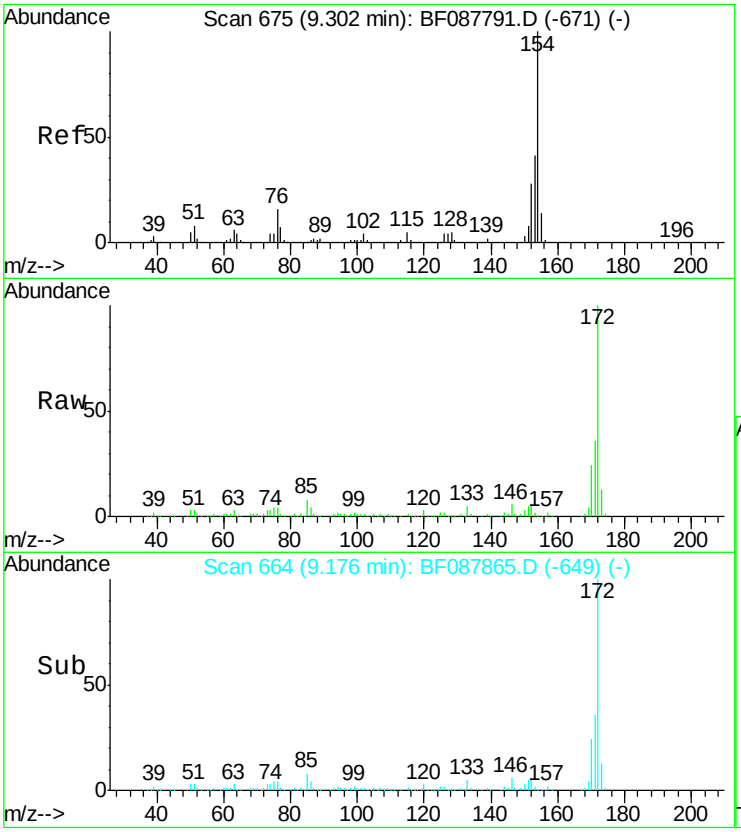


#44
2-Fluorobiphenyl
Concen: 33.59 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:172 Resp: 459019

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.7	19.2	28.8



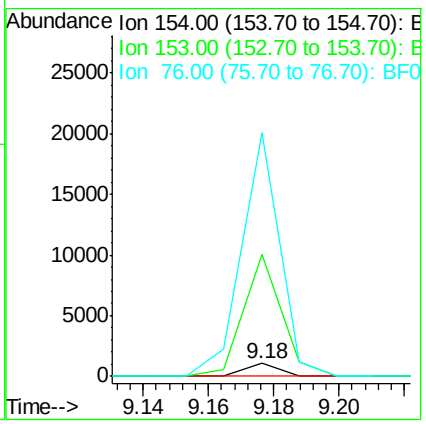


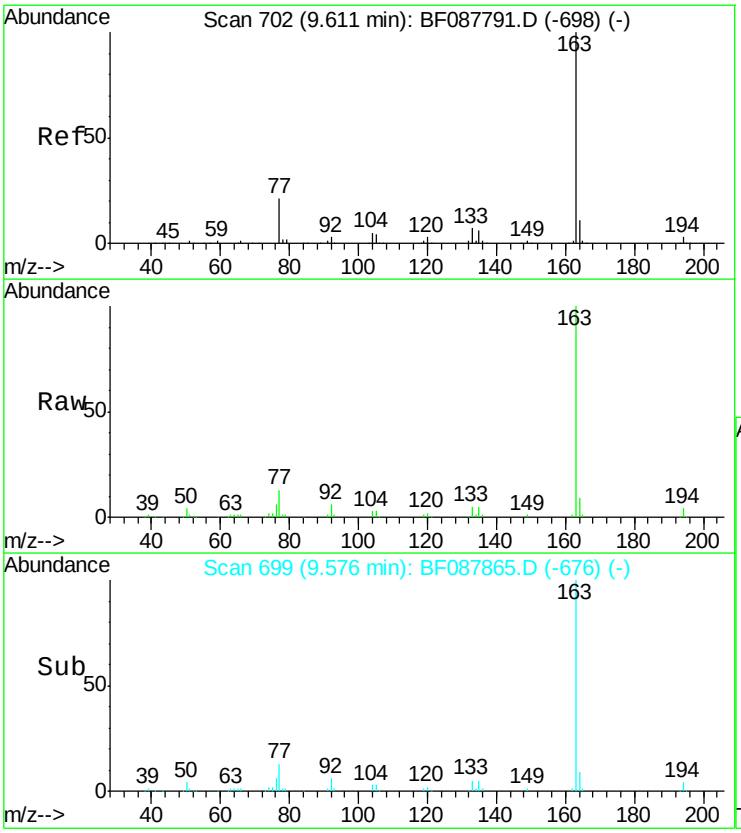
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.18 min Scan# 664
Delta R.T. -0.12 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:154 Resp: 738

Ion	Ratio	Lower	Upper
154	100		
153	930.1	20.6	60.6#
76	1865.4	0.0	35.1#

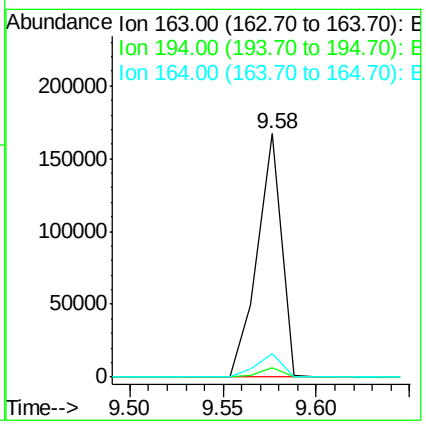


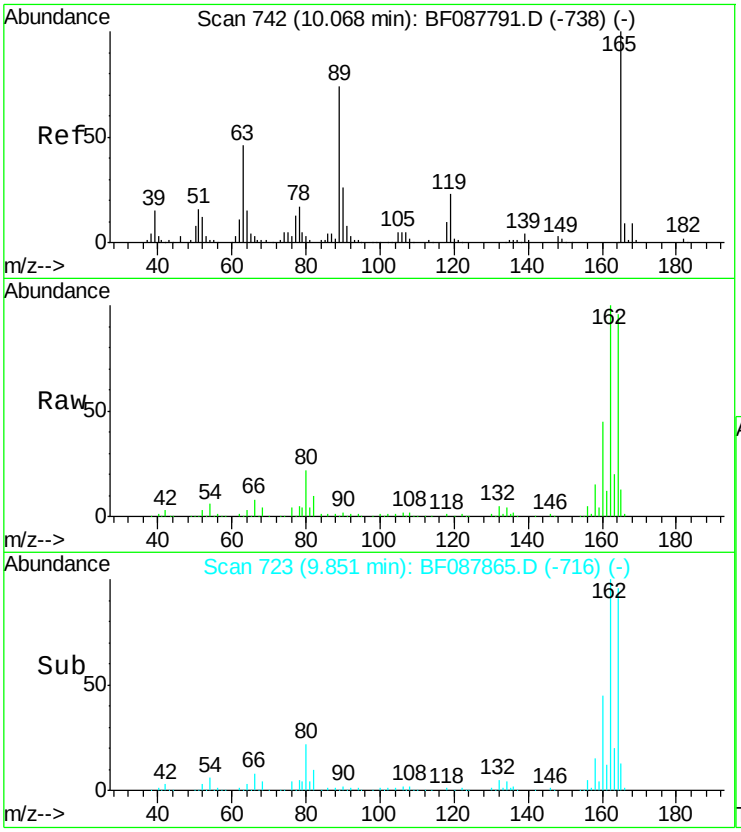


#49
Dimethylphthalate
Concen: 10.62 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:163 Resp: 150099

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.5	8.3	12.5



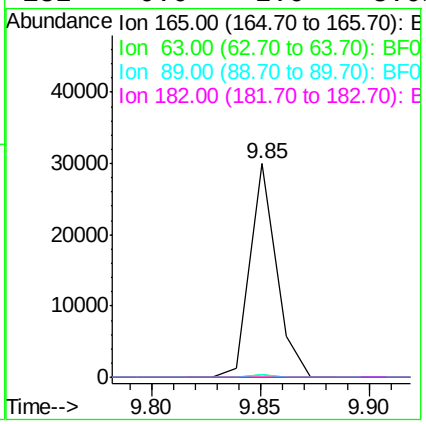


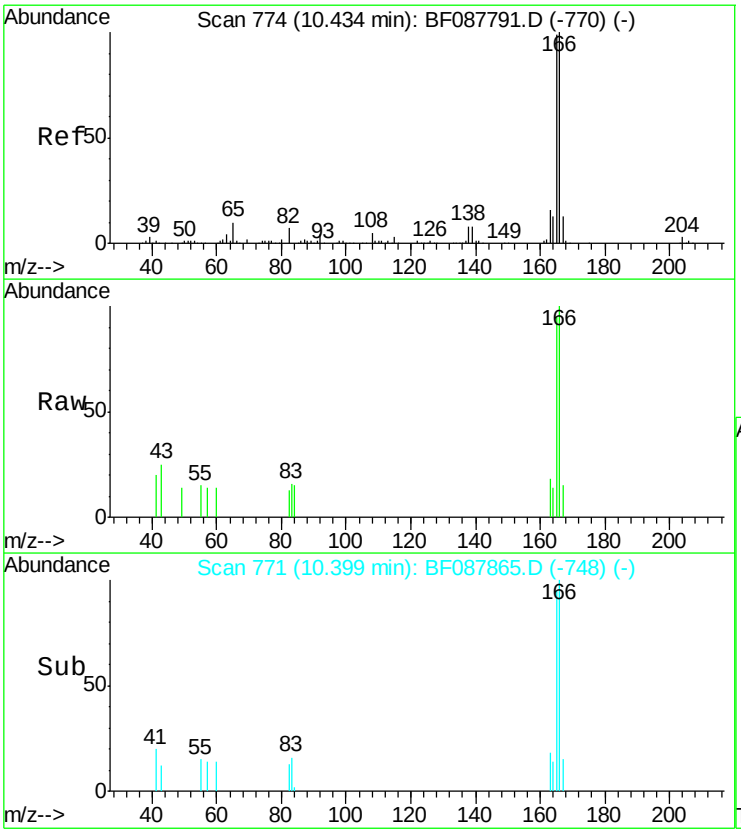
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:165 Resp: 25430

Ion	Ratio	Lower	Upper
165	100		
63	1.1	22.0	33.0#
89	1.2	41.1	61.7#
182	0.0	2.0	3.0#

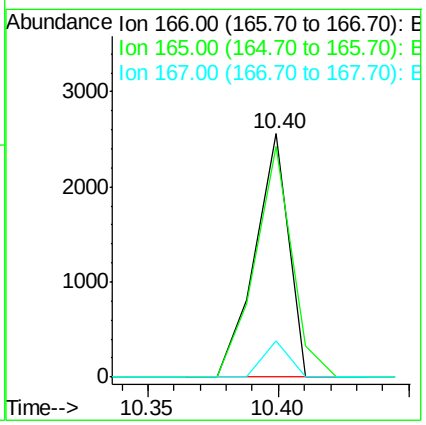


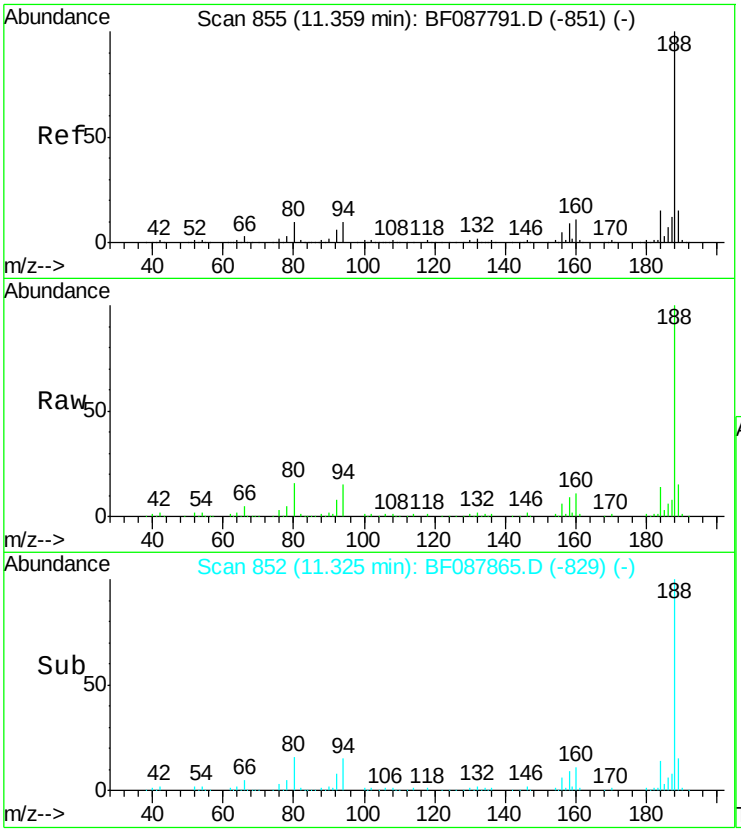


#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:166 Resp: 2308

Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.8	116.8
167	14.8	11.2	16.8



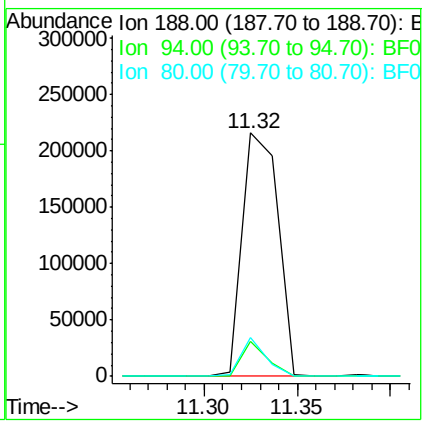


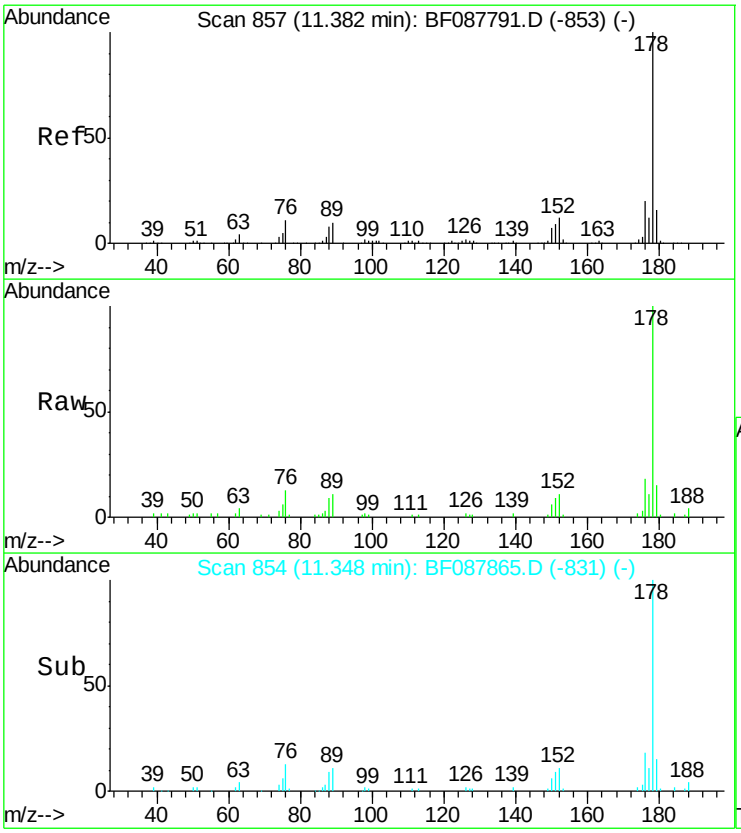
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:188 Resp: 285771

Ion	Ratio	Lower	Upper
188	100		
94	14.5	9.0	13.6#
80	15.8	10.0	15.0#

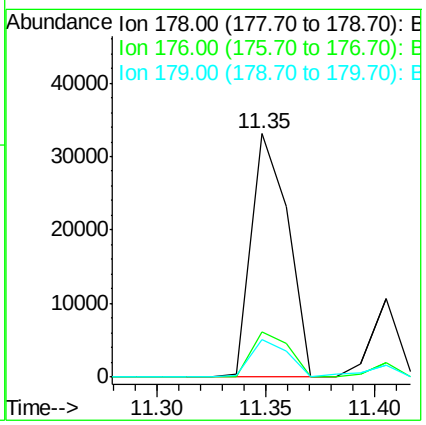


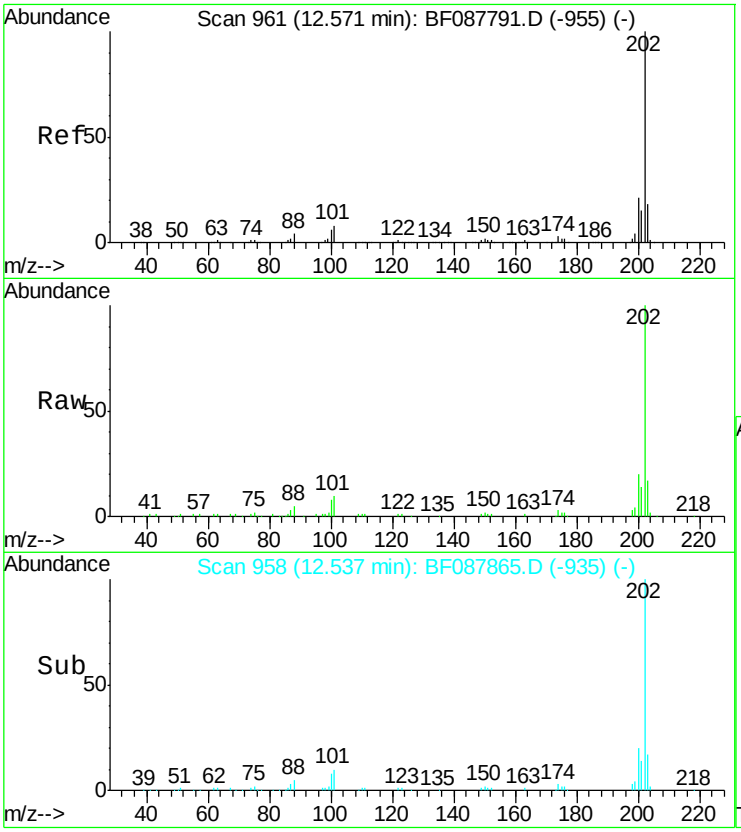


#70
Phenanthrene
Concen: 2.60 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:178 Resp: 38930

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.2	13.0	19.4



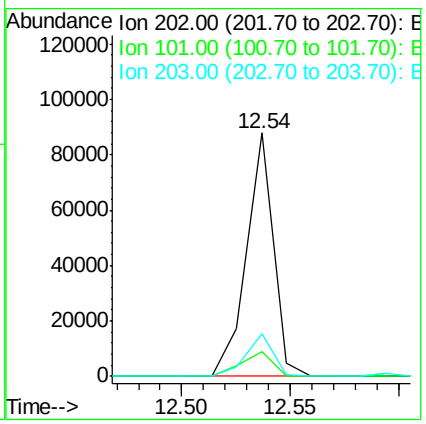


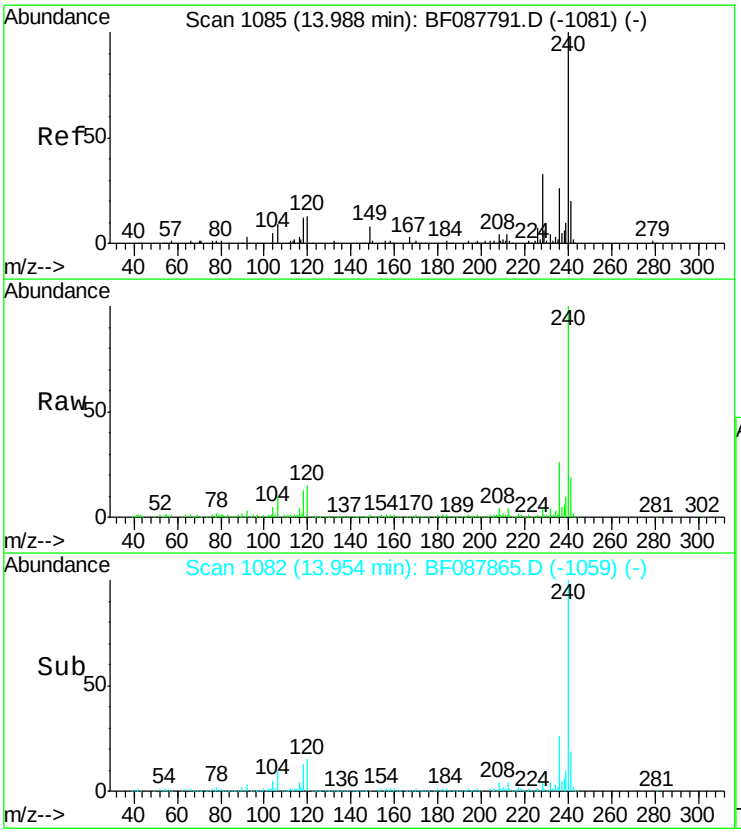
#74
Fluoranthene
Concen: 4.76 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:202 Resp: 75293

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.3	0.0	38.1

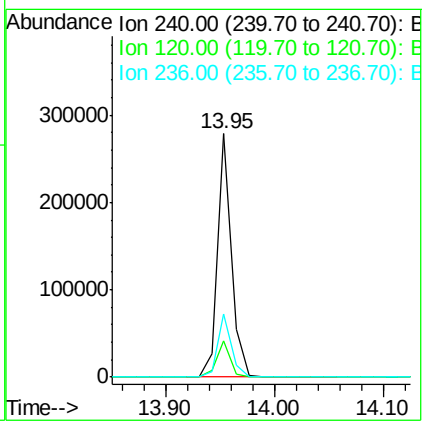


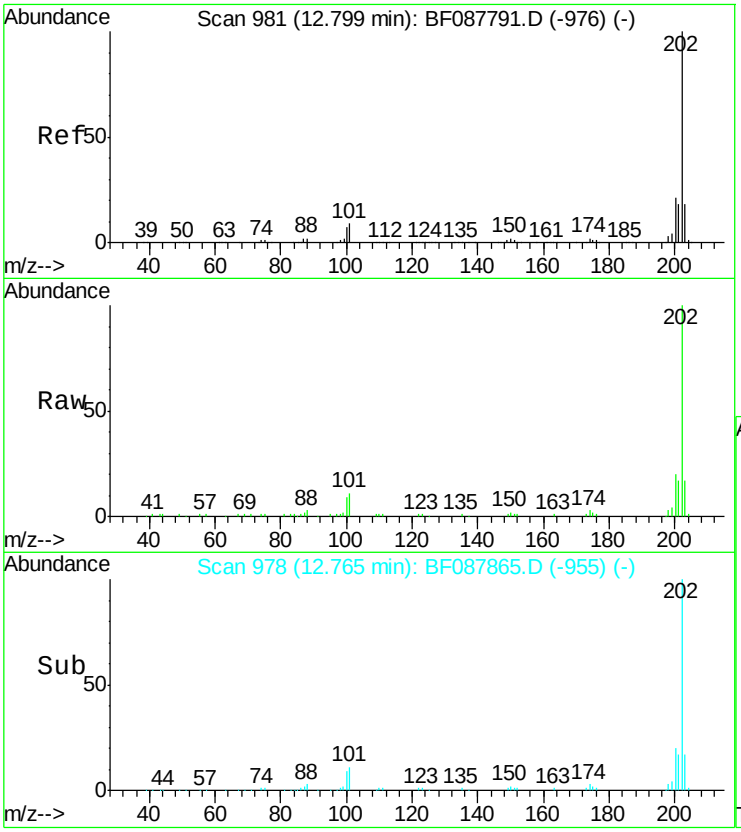


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:240 Resp: 249857

Ion	Ratio	Lower	Upper
240	100		
120	14.7	6.8	10.2#
236	25.7	20.2	30.2



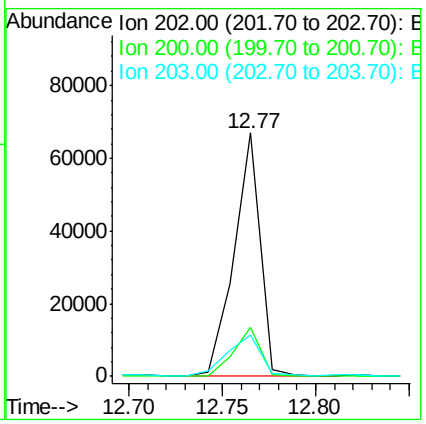


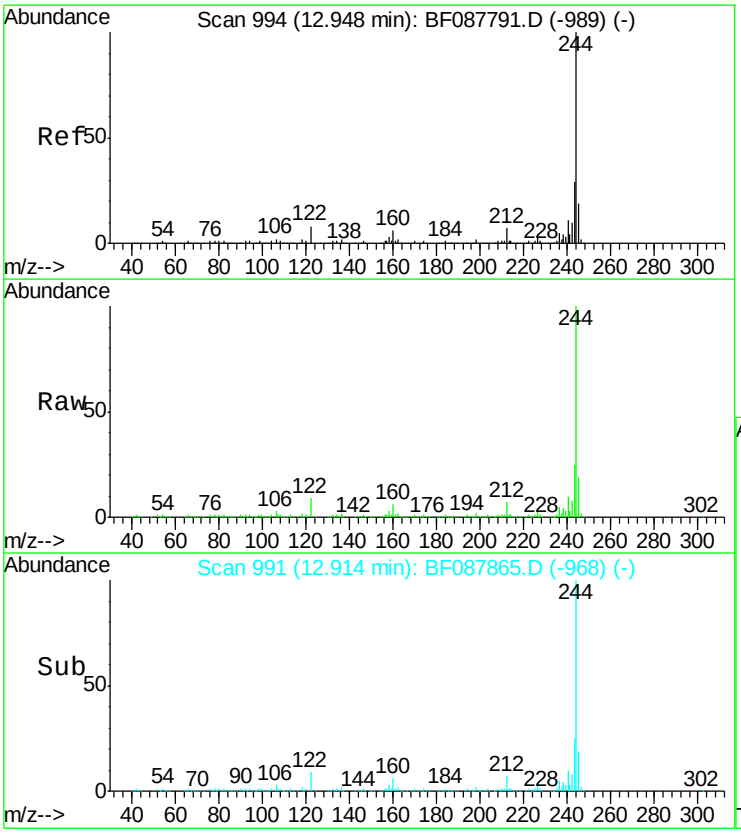
#77
Pyrene
Concen: 3.55 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:202 Resp: 65759

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	17.1	14.5	21.7

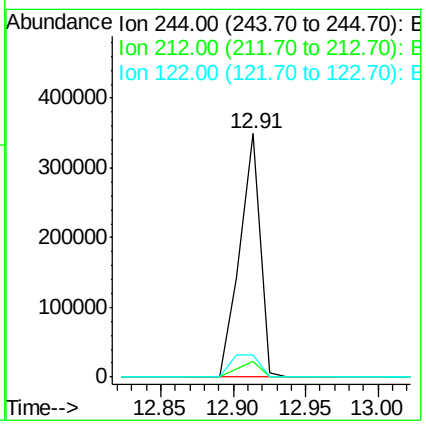


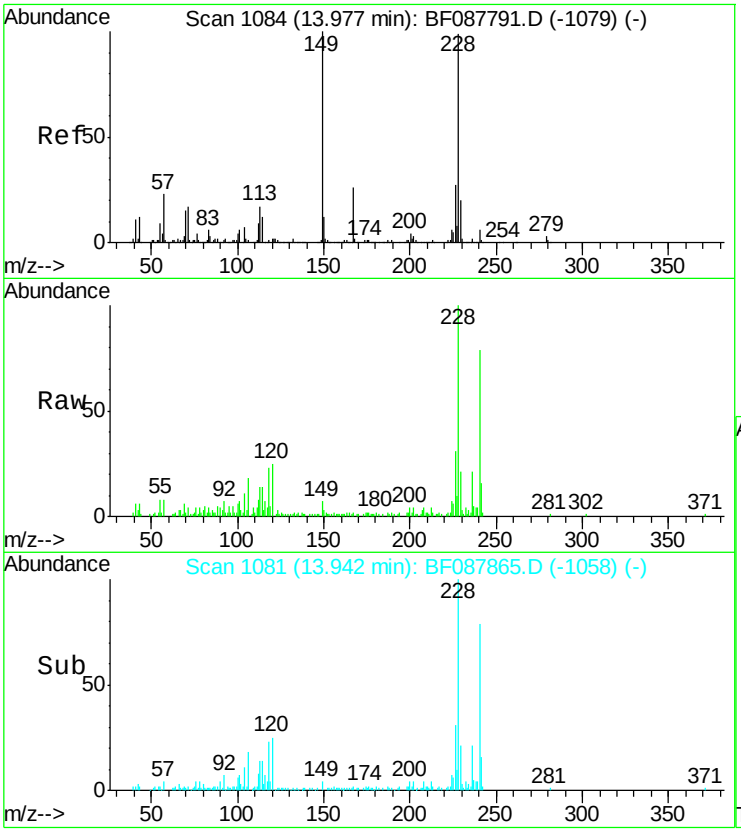


#78
Terphenyl-d14
Concen: 31.19 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:244 Resp: 342513

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	8.9	11.2	16.8#



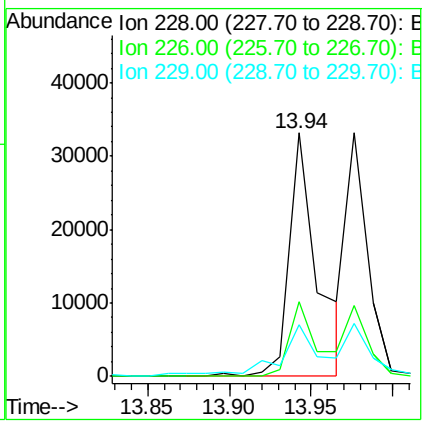


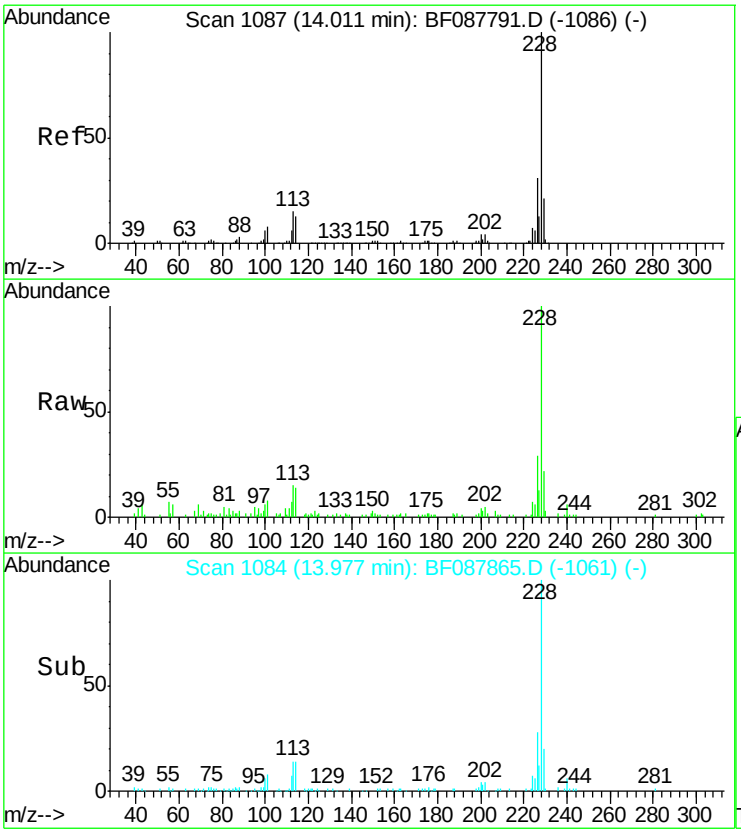
#80
Benzo(a)anthracene
Concen: 2.81 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:228 Resp: 40024

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.3	33.5
229	21.3	16.0	24.0

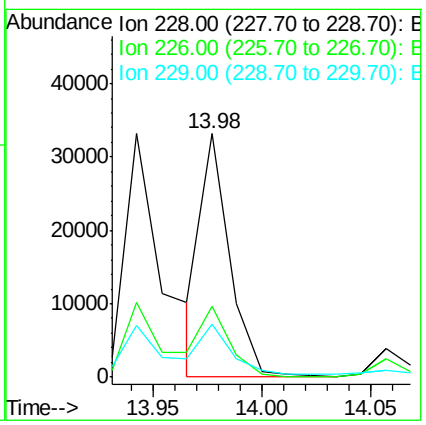


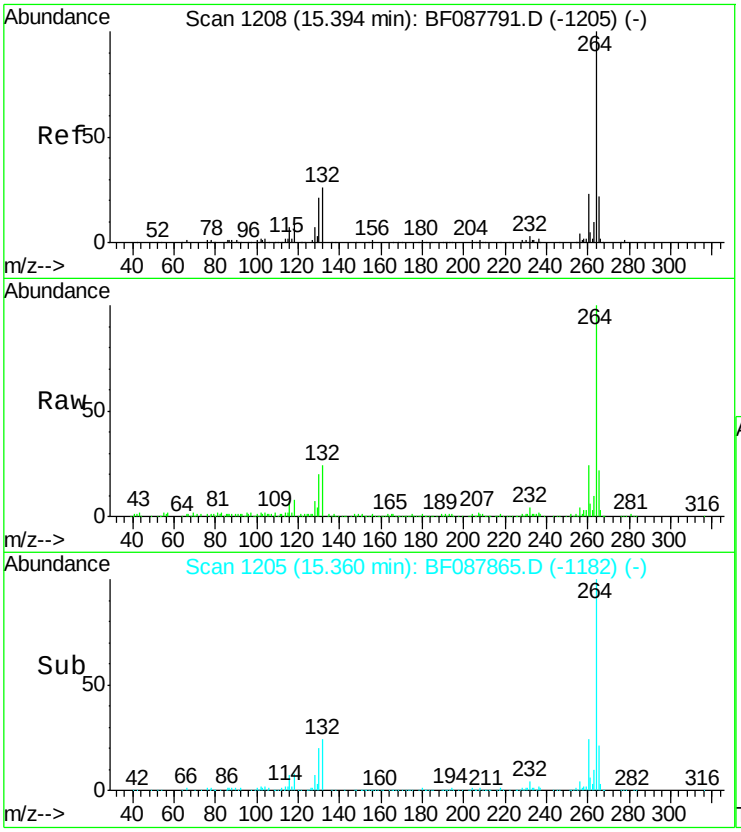


#82
Chrysene
Concen: 2.28 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:228 Resp: 30536

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.4	38.2
229	22.0	16.3	24.5



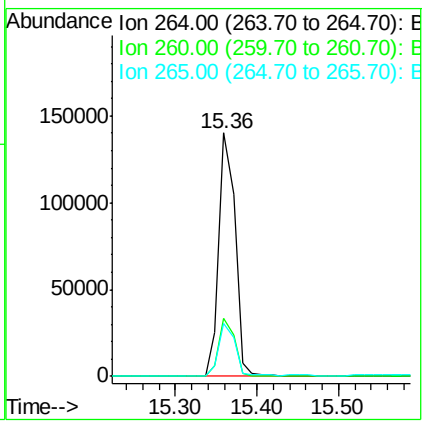


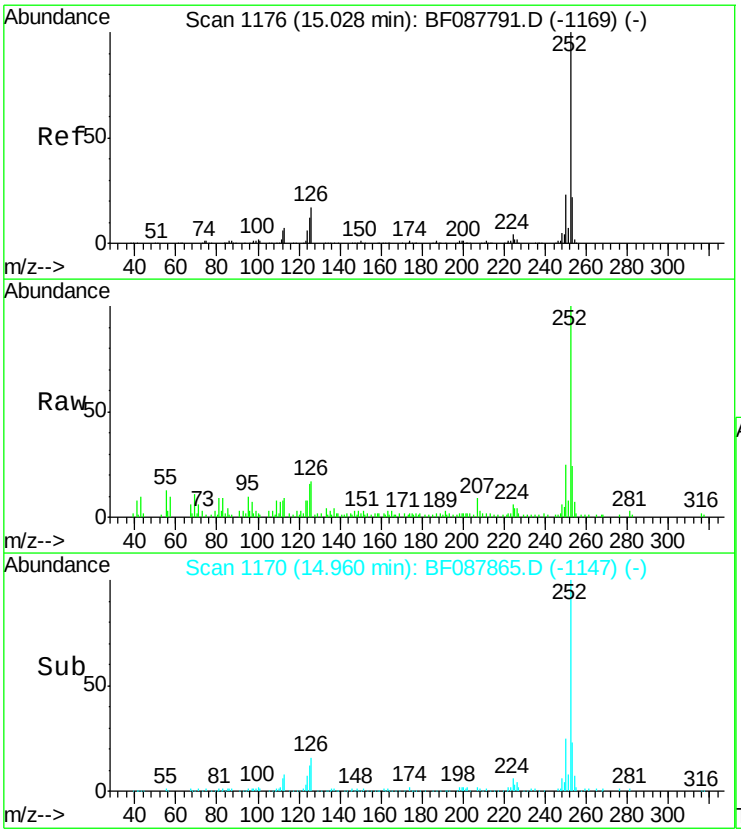
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:264 Resp: 195151

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	16.9	25.3

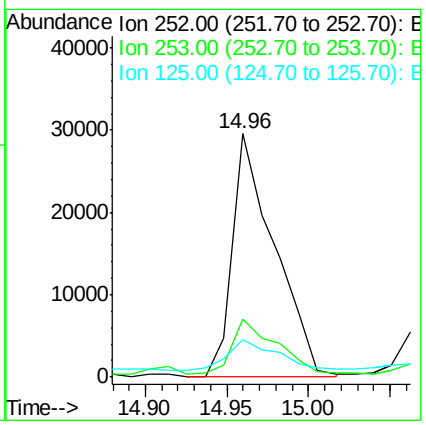


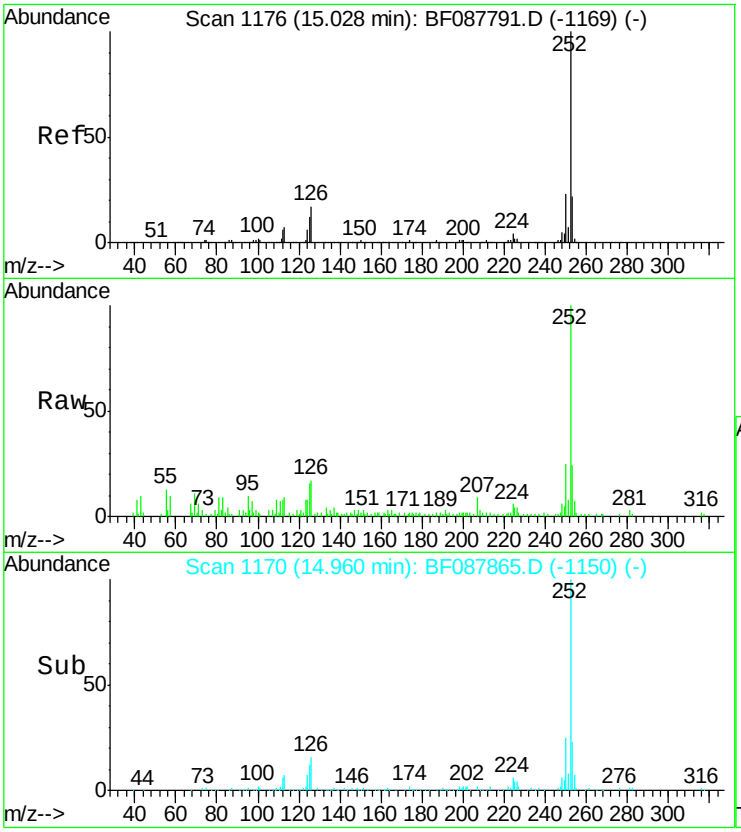


#87
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:252 Resp: 53020

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	15.7	7.1	10.7#



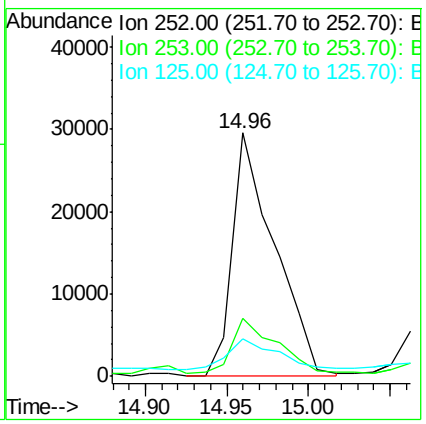


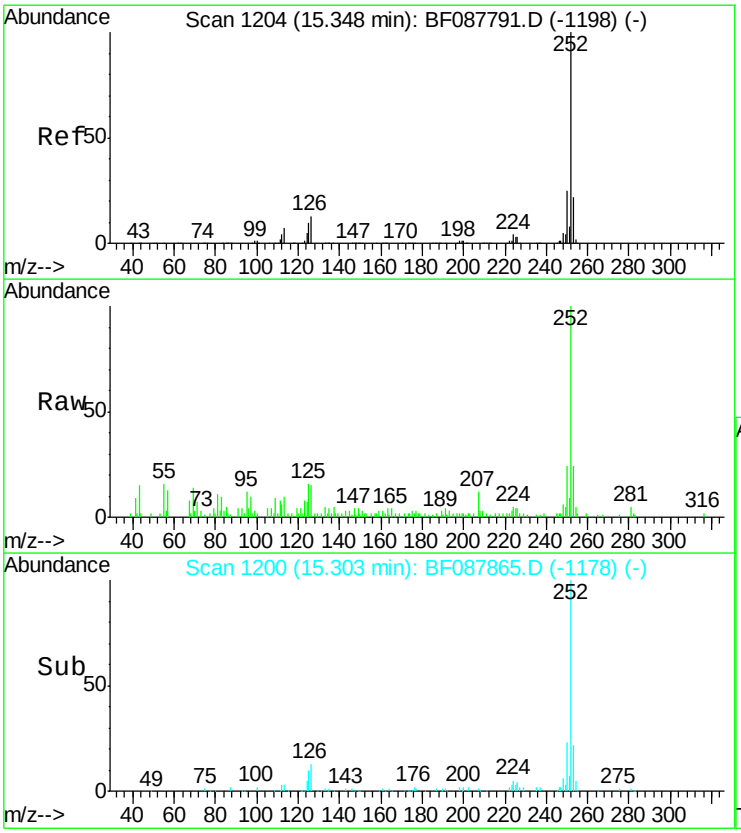
#88
Benzo(k)fluoranthene
Concen: 5.17 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Instrument :
BNA_F
ClientSampleId :
SS-20RE

Tgt Ion:252 Resp: 53020

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	15.7	11.2	16.8





#89
Benzo(a)pyrene
Concen: 2.39 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087865.D
Acq: 9 Jun 2016 21:19

Tgt Ion:252 Resp: 26285

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	15.6	12.5	18.7