Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087875.D
Acq On : 10 Jun 2016 15:29
Operator : UM/SJ
Sample : H3426-09 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-55

Quant Time: Jun 10 16:12:07 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	6.97	152	199536	20.00	ng		0.13
21) Naphthalene-d8	8.10	136	528863	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	231768	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	347198	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	266774	20.00	ng		-0.03
86) Perylene-d12	15.36	264	234345	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	431650	36.98	ng		-0.02
7) Phenol-d6	6.44	99	553110	39.10	ng		-0.03
23) Nitrobenzene-d5	7.37	82	267158	29.50	ng		-0.05
41) 2,4,6-Tribromophenol	10.63	330	97357	39.78	ng		-0.05
44) 2-Fluorobiphenyl	9.18	172	585062	36.50	ng		-0.03
78) Terphenyl-d14	12.90	244	361153	30.81	ng		-0.05
Target Compounds							Qvalue
10) Phenol	6.46	94	3708	Below Cal			96
19) n-Nitroso-di-n-propylamine	7.37	70	34255	3.79	ng	#	76
31) Naphthalene	8.12	128	52635	2.01	ng		98
45) 1,1'-Biphenyl	9.27	154	6073	Below Cal			99
49) Dimethylphthalate	9.56	163	43384	2.58	ng		100
50) 2,6-Dinitrotoluene	9.85	165	30690	7.98	ng	#	40
51) Acenaphthene	9.87	154	44298	2.98	ng		99
55) 4-Nitrophenol	10.04	139	14429	4.19	ng	#	7
56) 2,4-Dinitrotoluene	9.85	165	30690	6.21	ng	#	38
57) Fluorene	10.39	166	53498	Below Cal			99
64) 4,6-Dinitro-2-methylphenol	10.63	198	208	2.25	ng	#	1
70) Phenanthrene	11.35	178	509646	27.97	ng		100
71) Anthracene	11.39	178	148771	8.10	ng		98
72) Carbazole	11.55	167	56504	3.29	ng		98
74) Fluoranthene	12.54	202	638009	33.18	ng		95
77) Pyrene	12.77	202	562142	28.40	ng		98
80) Benzo(a)anthracene	13.94	228	337305	22.19	ng		98
82) Chrysene	13.98	228	208561	14.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	106153	7.99	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	400800	24.54	ng	#	94
88) Benzo(k)fluoranthene	14.96	252	400800	32.53	ng		99
89) Benzo(a)pyrene	15.30	252	216132	16.36	ng		97
91) Benzo(g,h,i)perylene	17.12	276	99810	7.91	ng		99

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

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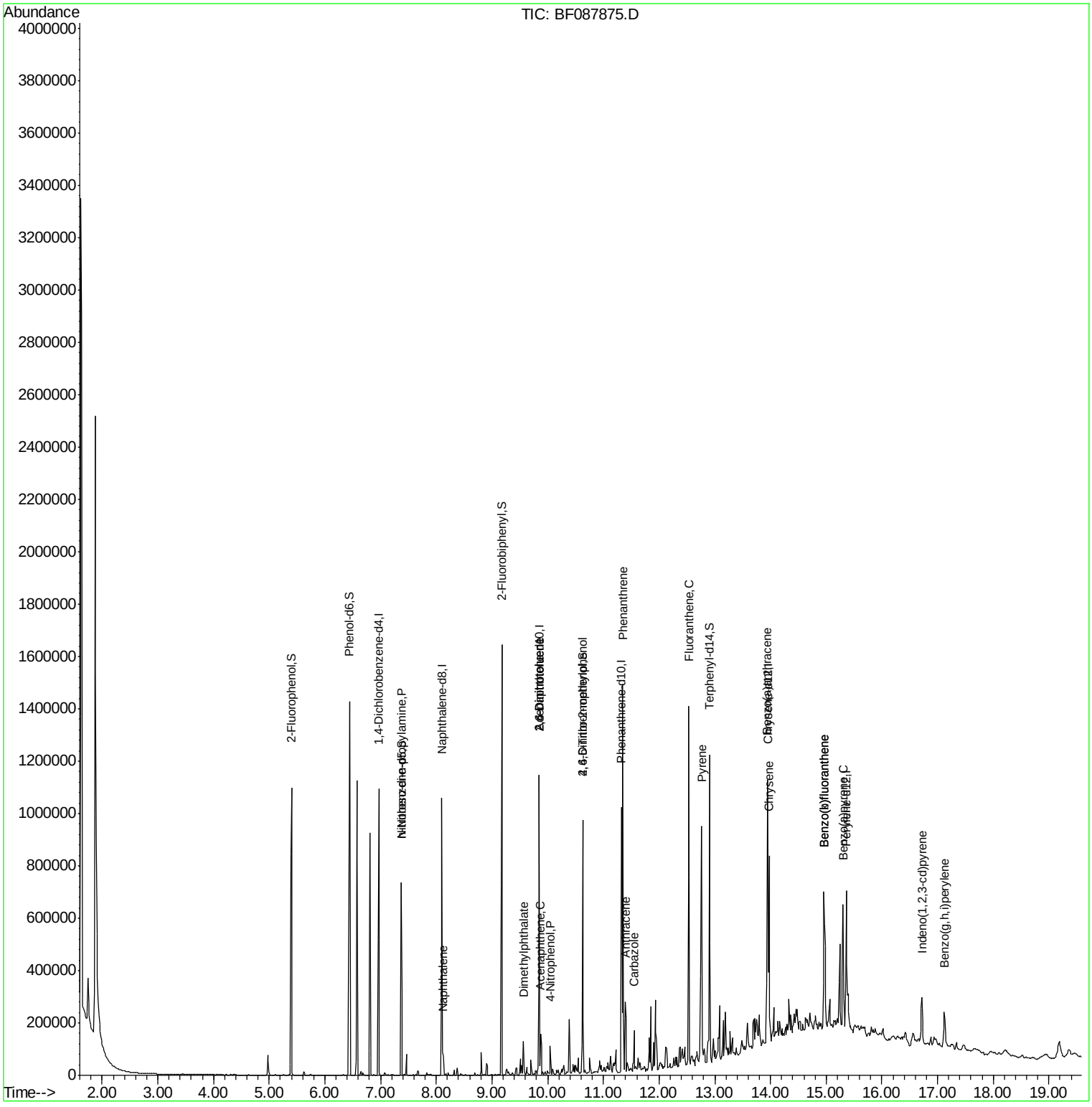
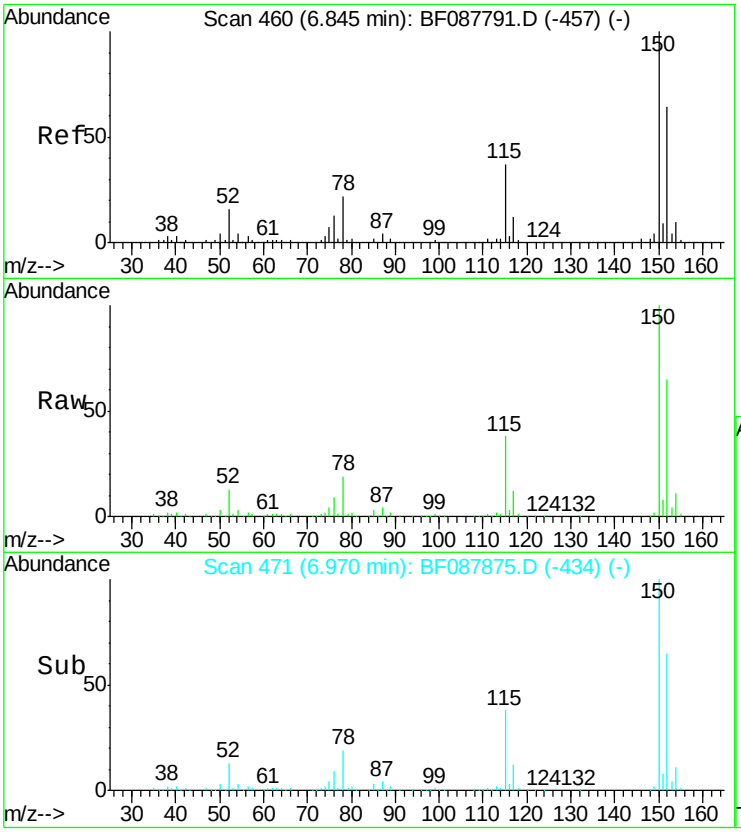


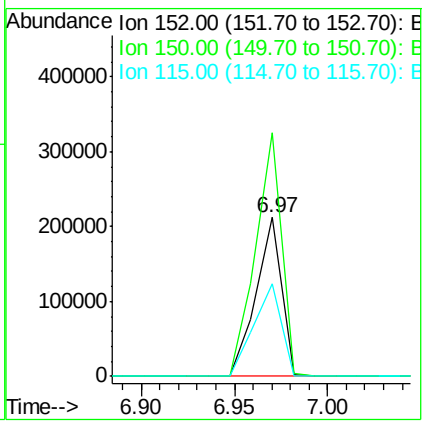


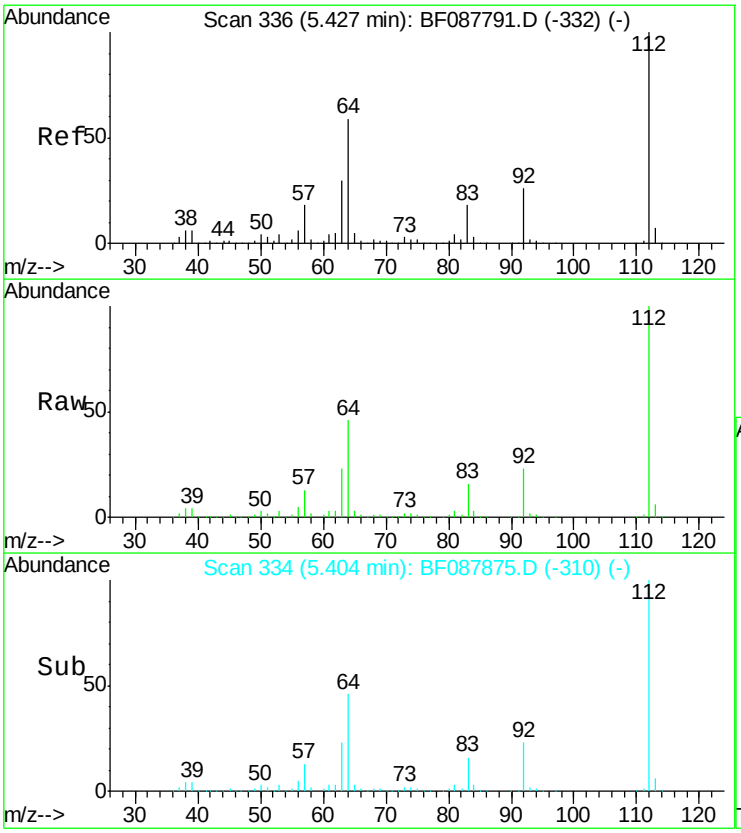
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.13 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:152 Resp: 199536

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	58.2	39.6	59.4

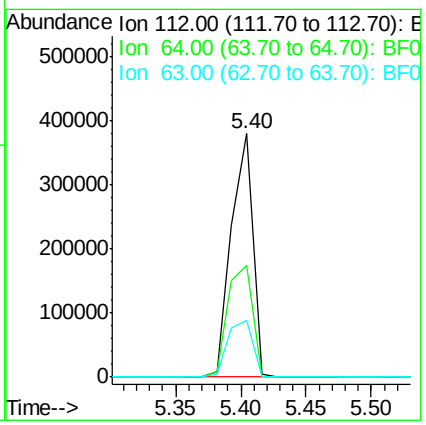


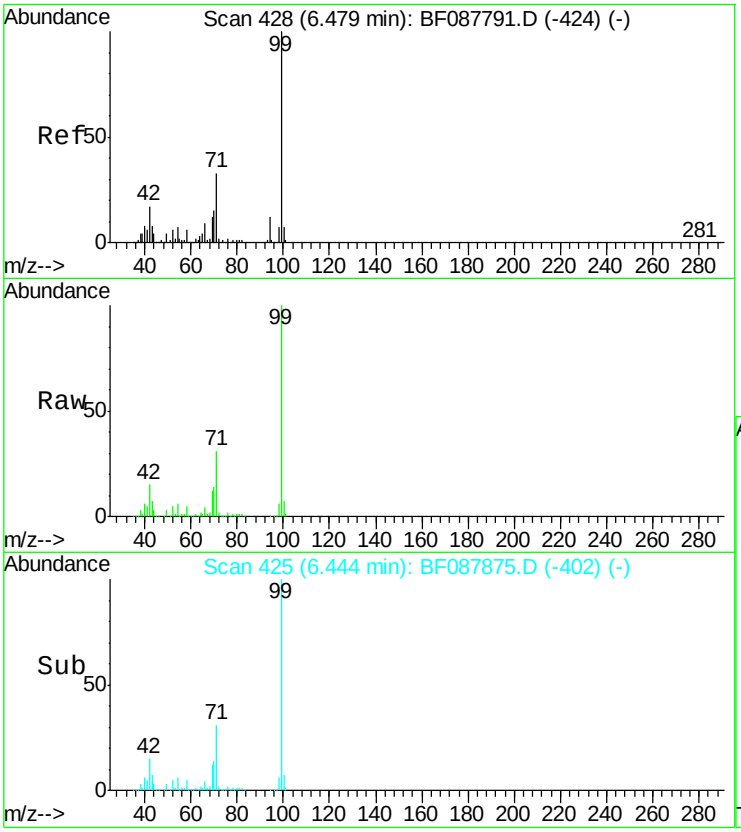


#5
2-Fluorophenol
Concen: 36.98 ng
RT: 5.40 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:112 Resp: 431650

Ion	Ratio	Lower	Upper
112	100		
64	45.7	42.2	63.2
63	23.0	21.8	32.8



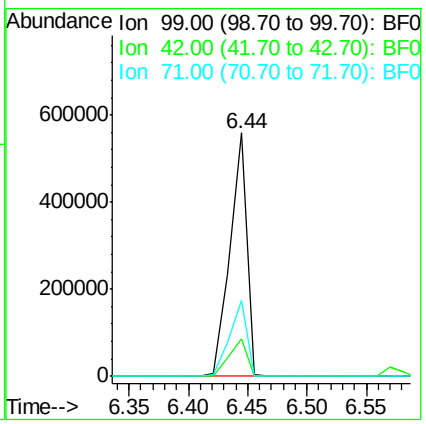


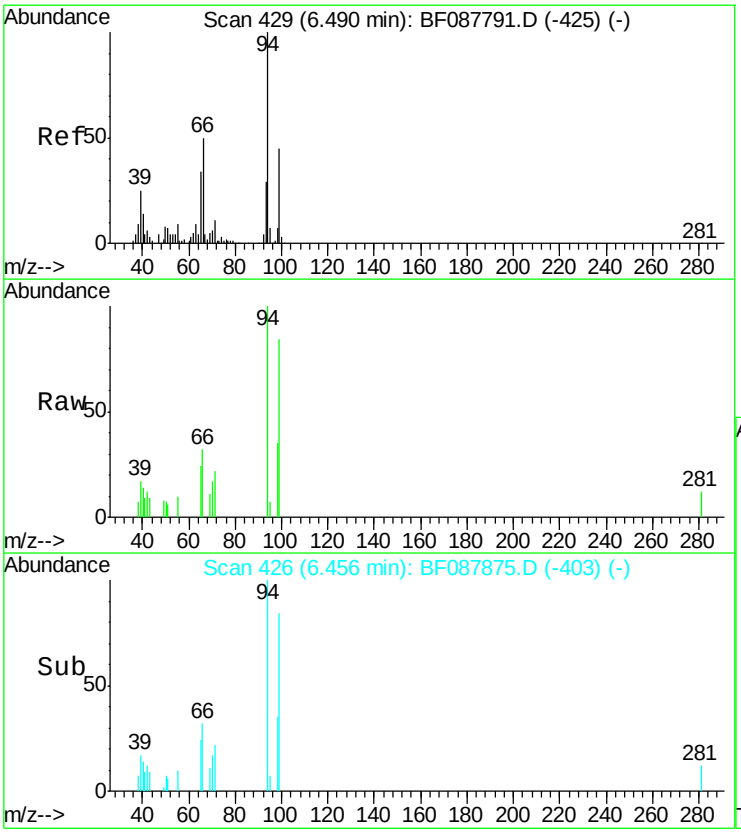
#7
Phenol-d6
Concen: 39.10 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion: 99 Resp: 553110

Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.2	18.2
71	31.2	23.4	35.0

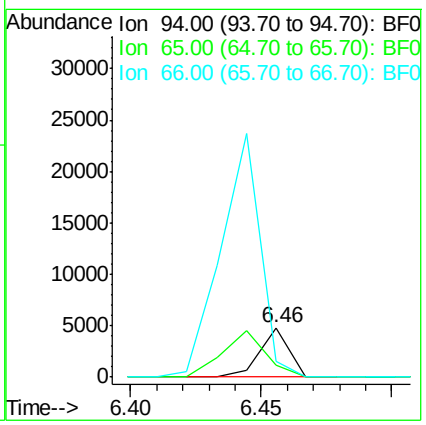


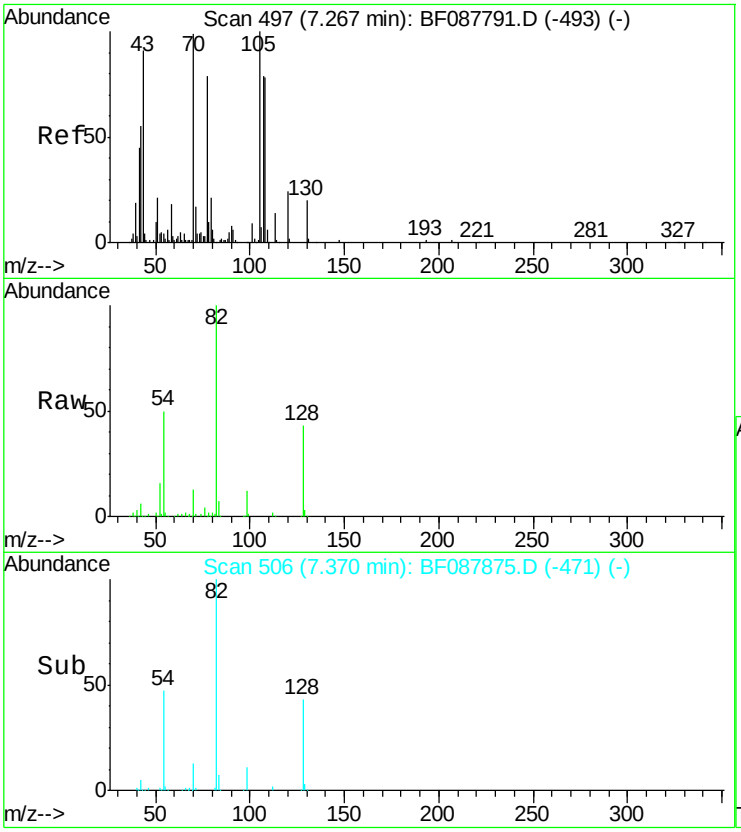


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion: 94 Resp: 3708

Ion	Ratio	Lower	Upper
94	100		
65	23.6	5.9	45.9
66	31.6	14.0	54.0



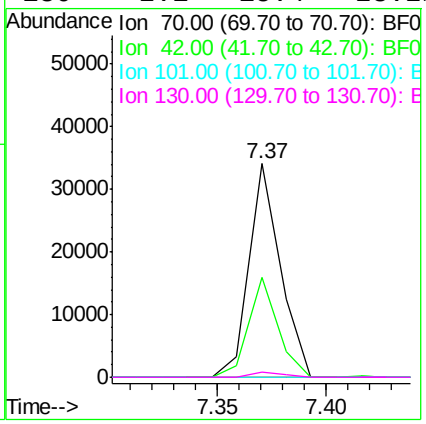


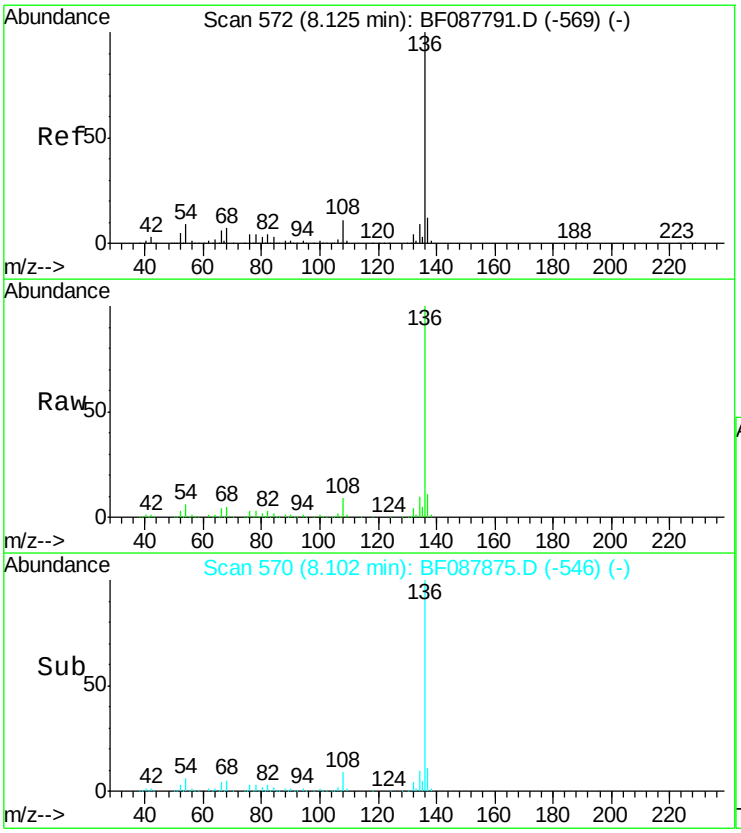
#19
n-Nitroso-di-n-propylamine
Concen: 3.79 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.10 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion: 70 Resp: 34255

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#

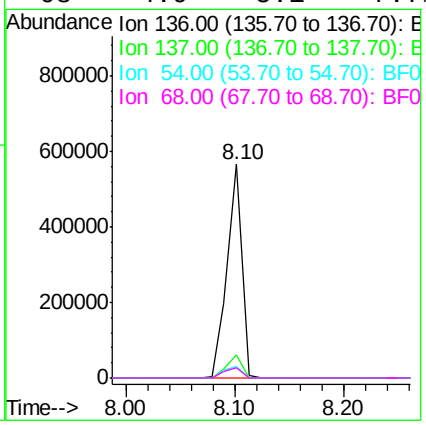


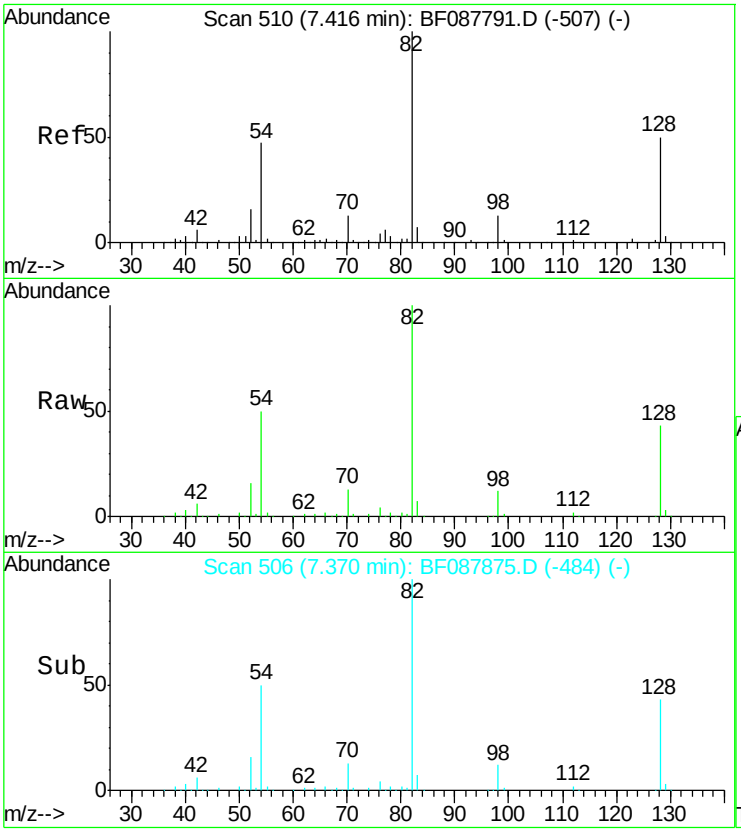


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:136 Resp: 528863

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	4.9	5.1	7.7#



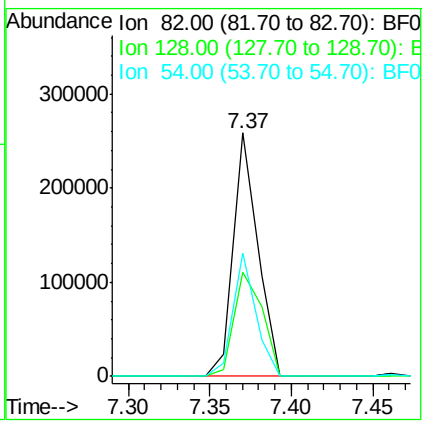


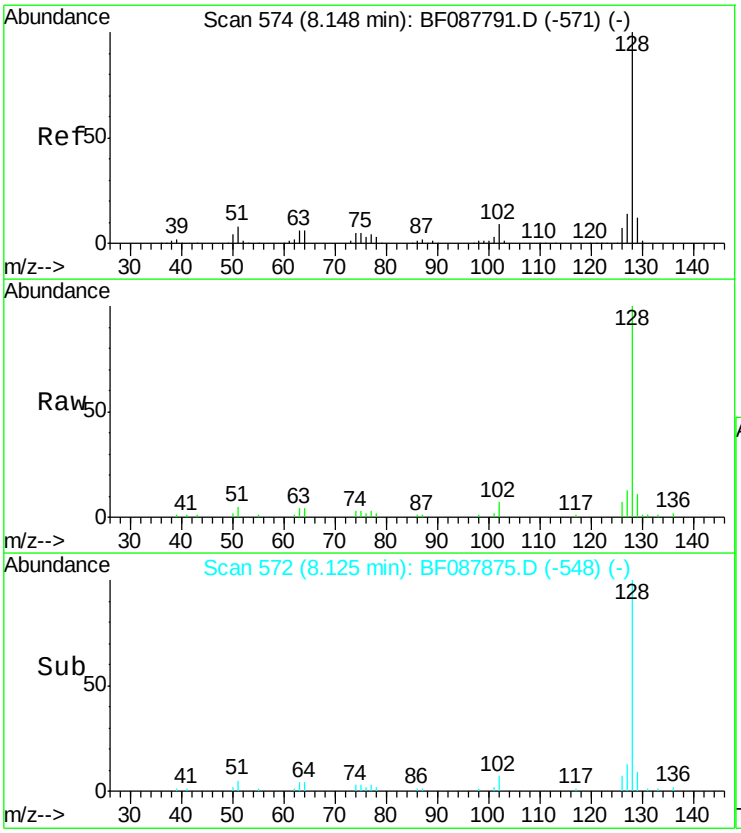
#23
Nitrobenzene-d5
Concen: 29.50 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion: 82 Resp: 267158

Ion	Ratio	Lower	Upper
82	100		
128	42.8	35.9	53.9
54	50.5	40.9	61.3

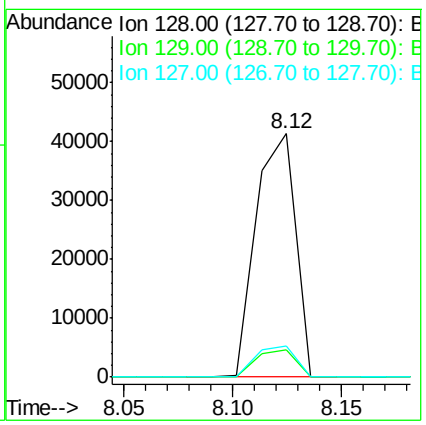


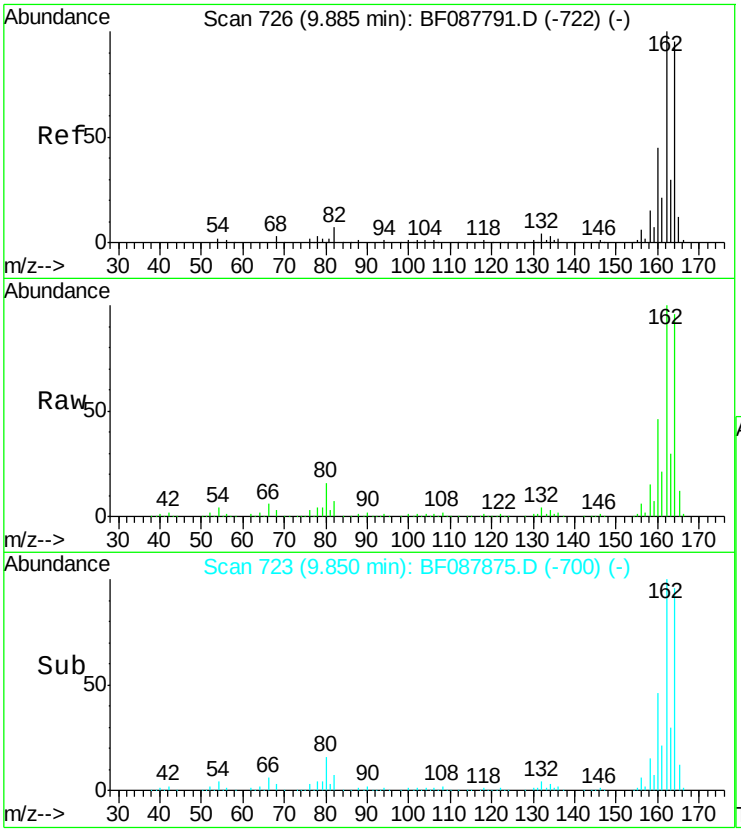


#31
Naphthalene
Concen: 2.01 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.02 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:128 Resp: 52635

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	12.8	10.9	16.3



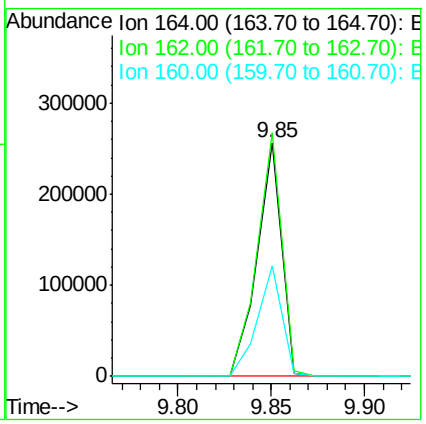


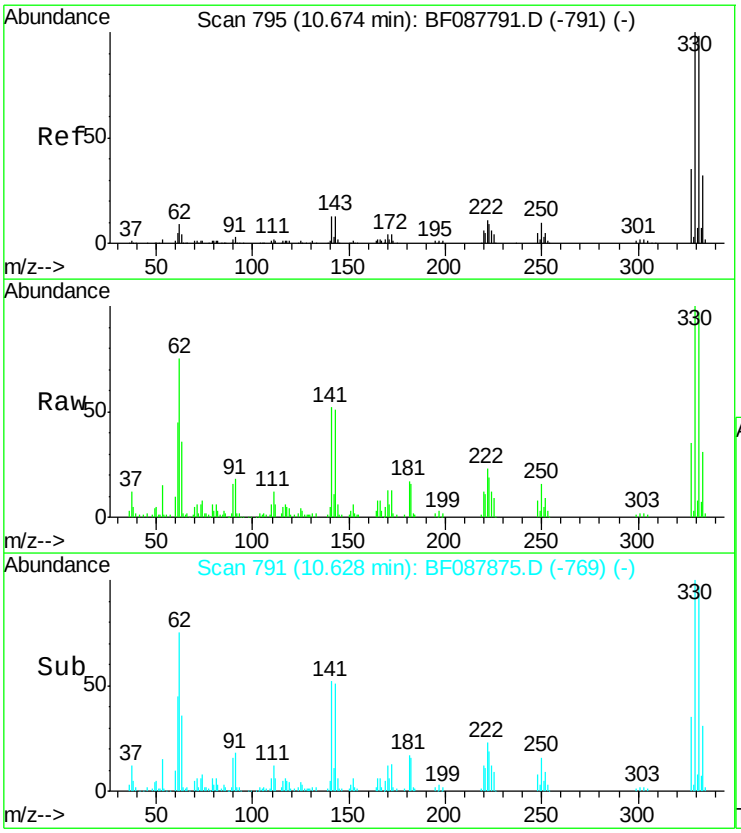
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:164 Resp: 231768

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.4	128.2
160	47.5	39.5	59.3

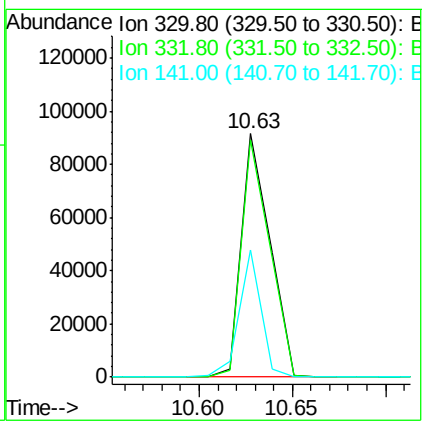


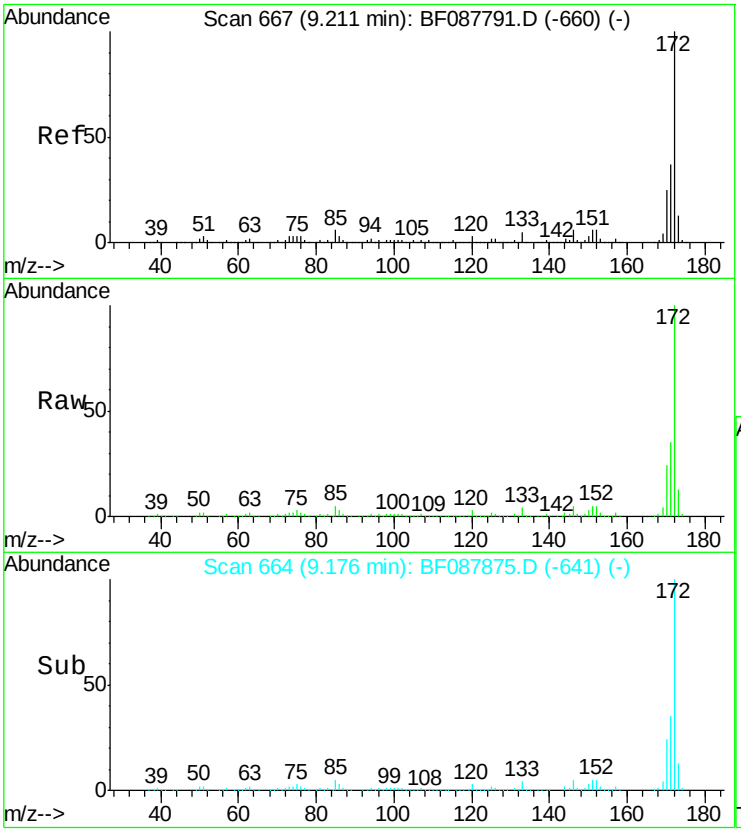


#41
2,4,6-Tribromophenol
Concen: 39.78 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:330 Resp: 97357

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	40.6	0.0	0.0#



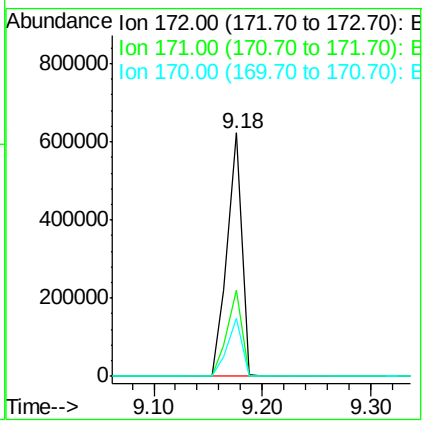


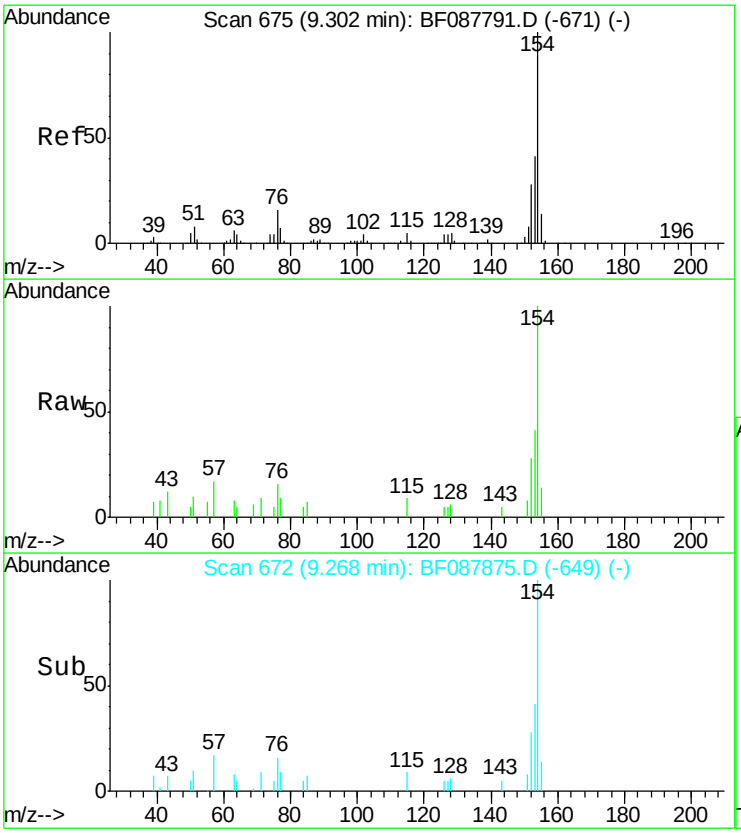
#44
2-Fluorobiphenyl
Concen: 36.50 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:172 Resp: 585062

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.7	19.2	28.8

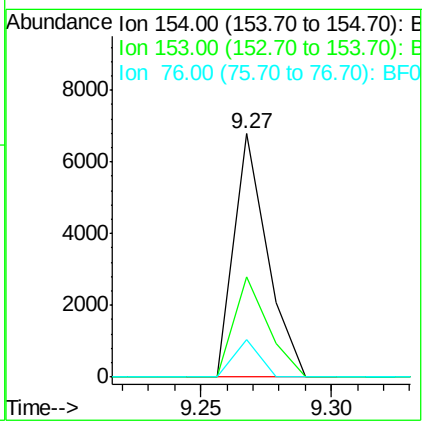


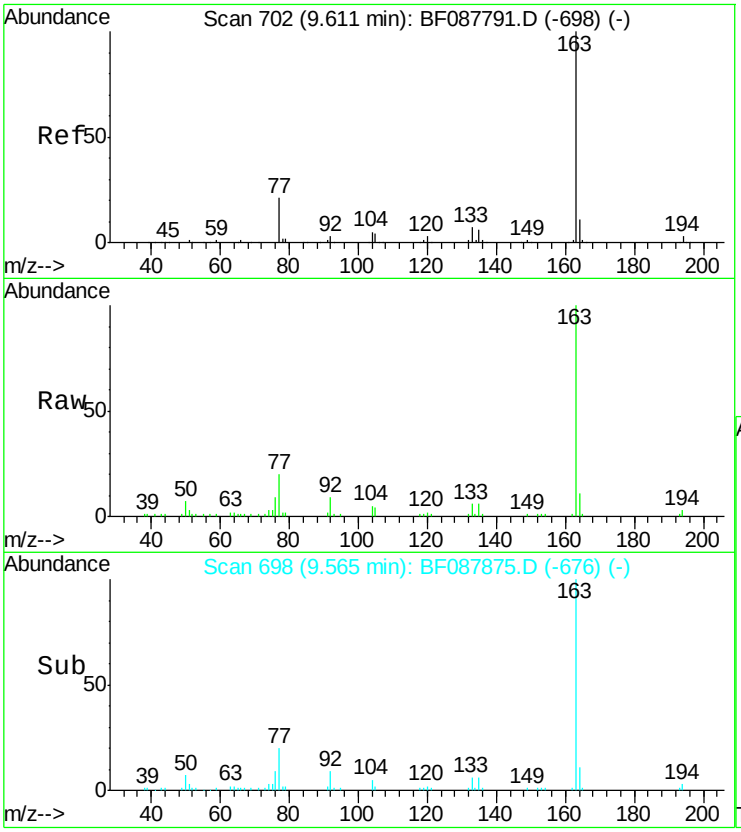


#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:154 Resp: 6073

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.6	60.6
76	15.6	0.0	35.1



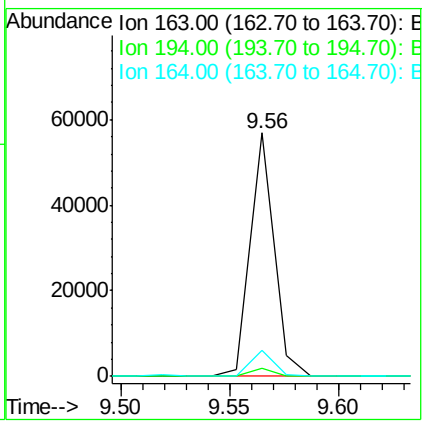


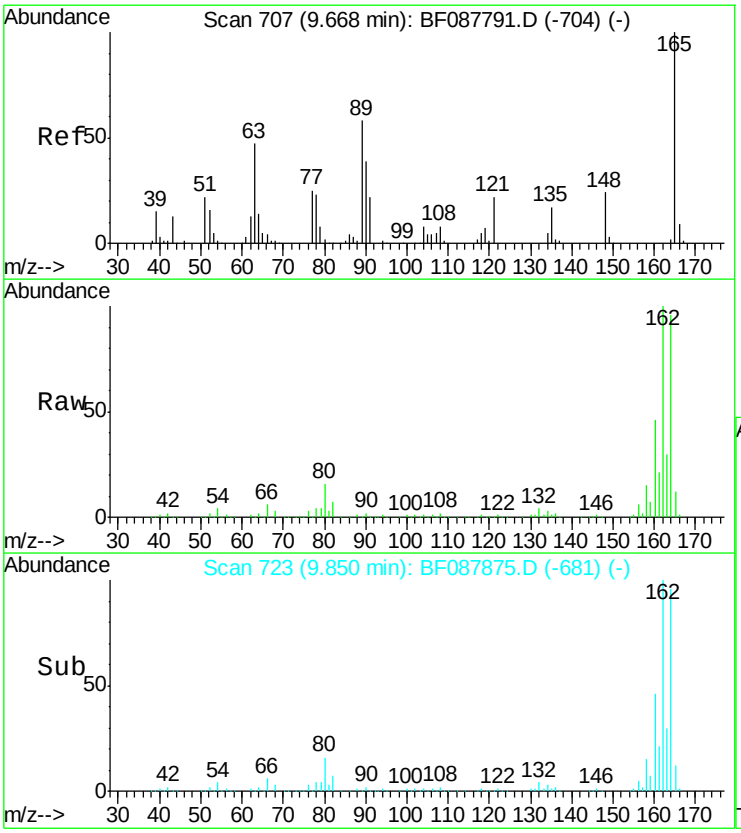
#49
Dimethylphthalate
Concen: 2.58 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:163 Resp: 43384

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.5	8.3	12.5

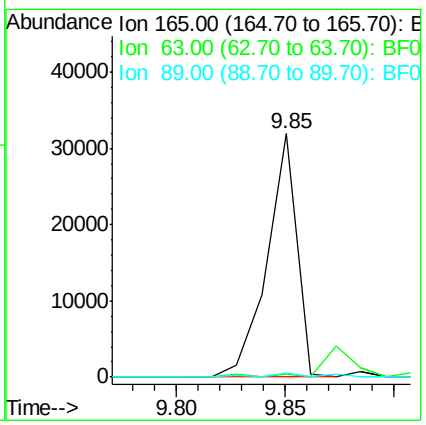


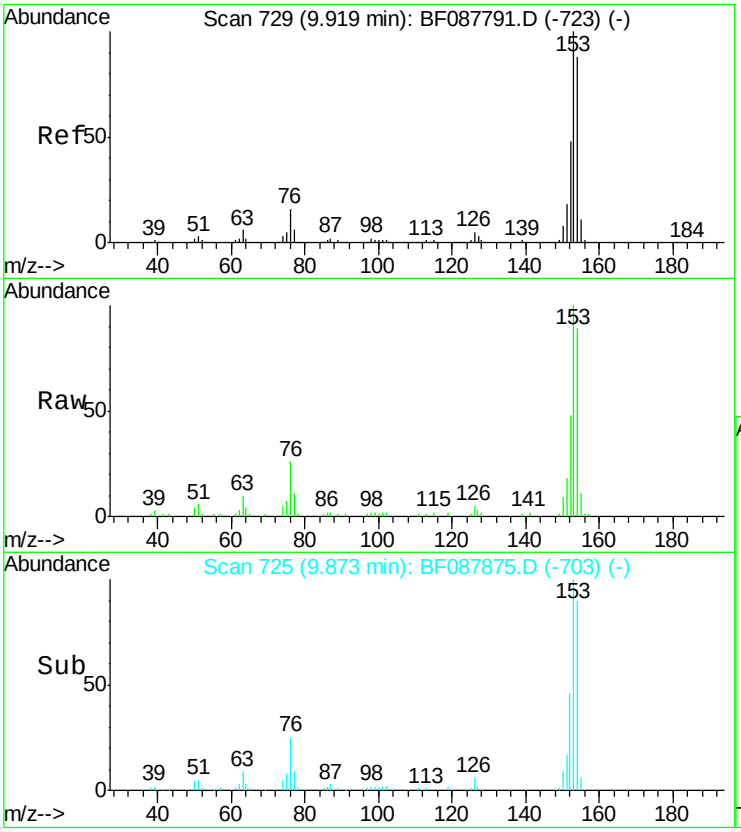


#50
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.18 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:165 Resp: 30690

Ion	Ratio	Lower	Upper
165	100		
63	1.3	28.1	42.1#
89	1.6	32.2	48.2#



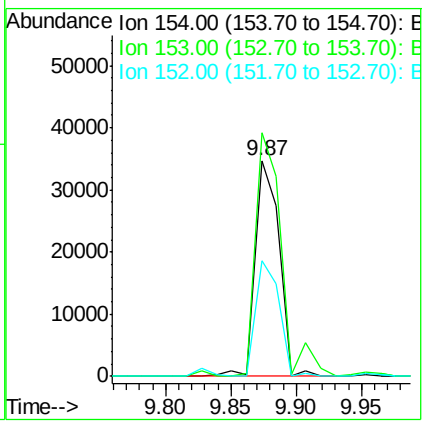


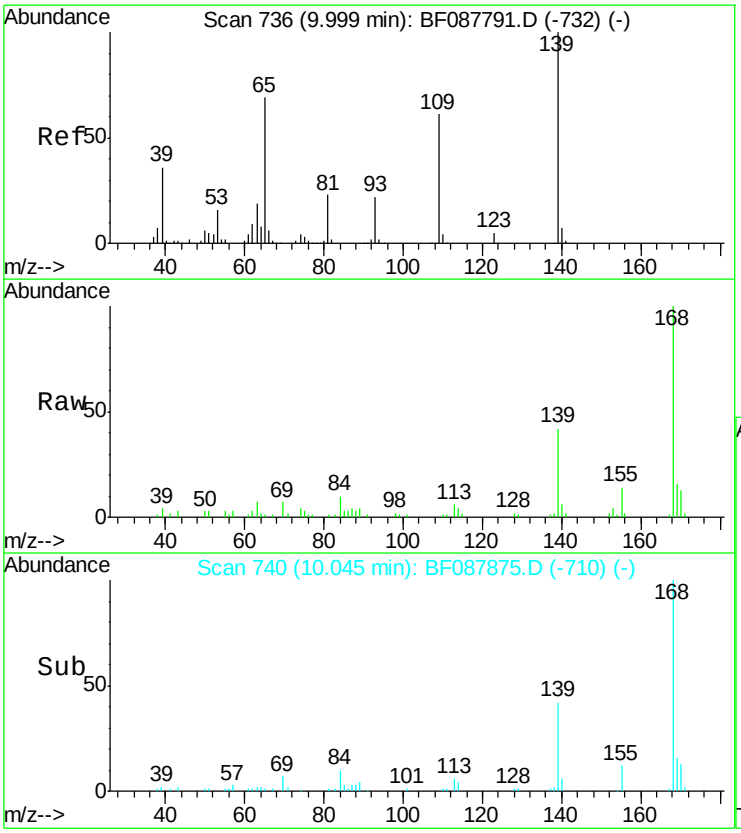
#51
Acenaphthene
Concen: 2.98 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:154 Resp: 44298

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	53.6	42.7	64.1

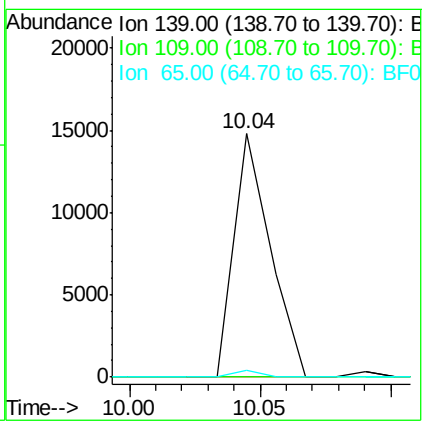


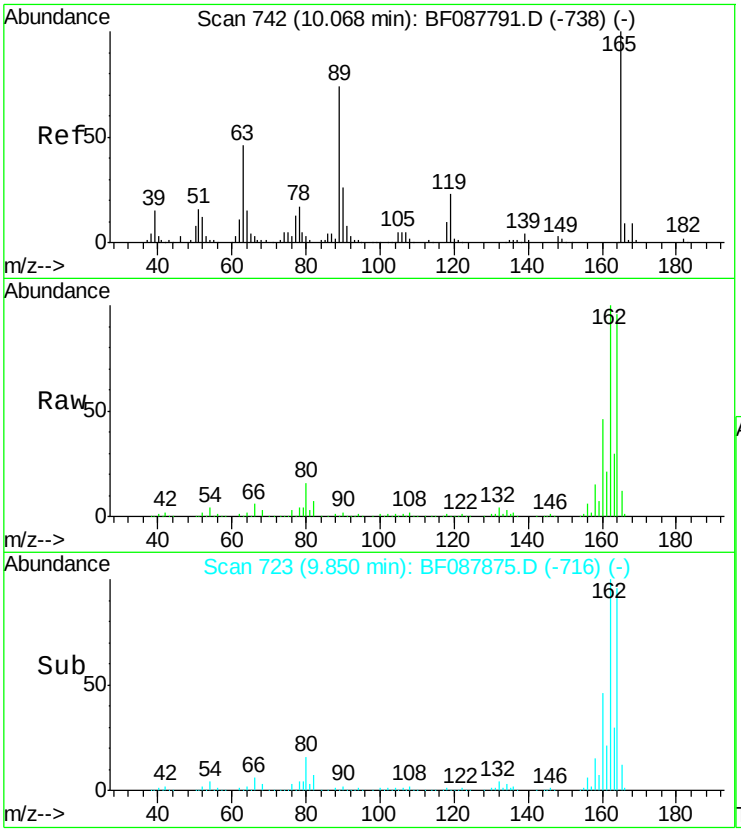


#55
4-Nitrophenol
Concen: 4.19 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:139 Resp: 14429

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	2.9	84.9	124.9#



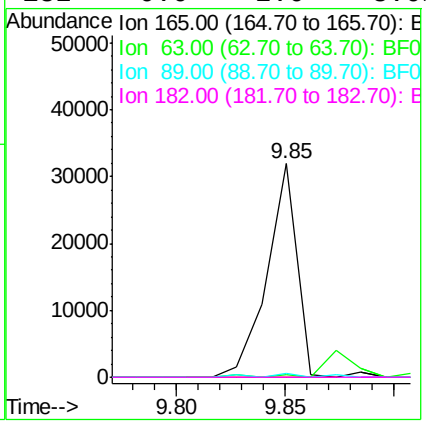


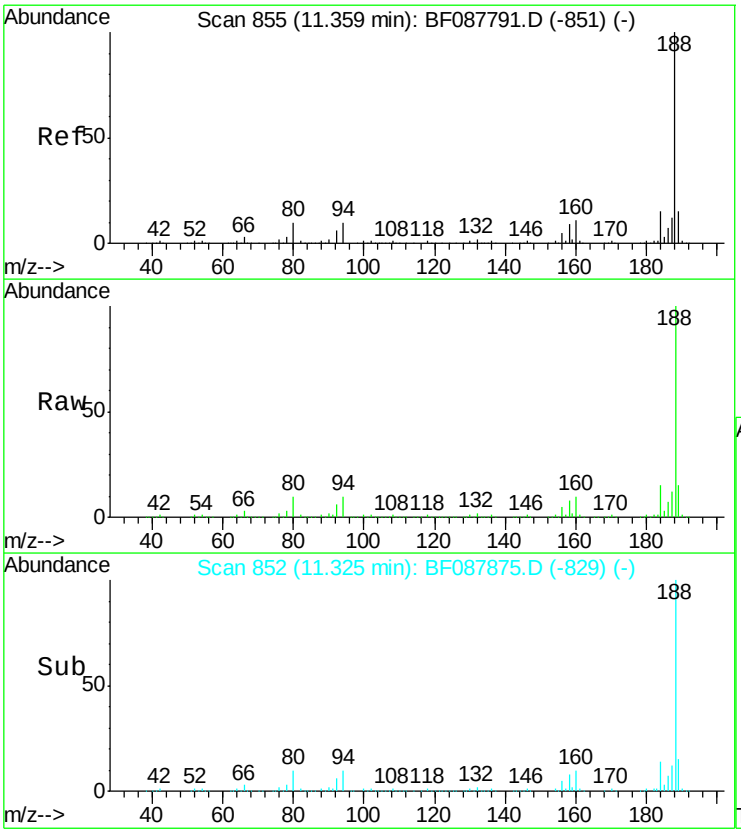
#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:165 Resp: 30690

Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

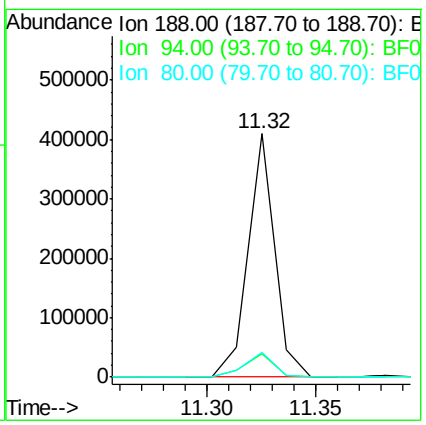


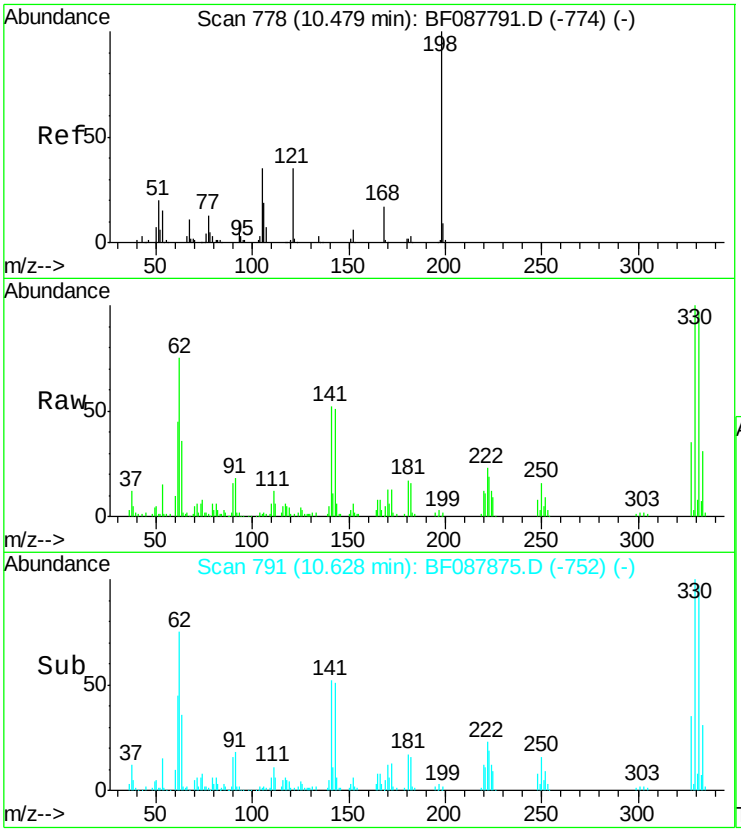


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:188 Resp: 347198

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.0	13.6
80	10.4	10.0	15.0



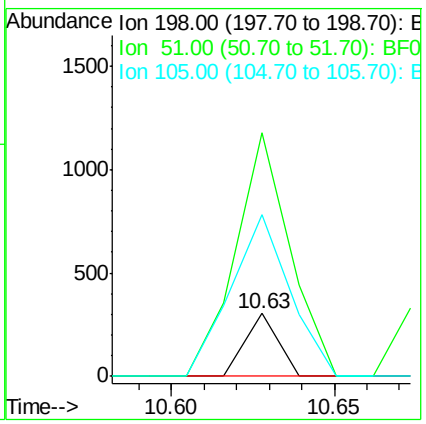


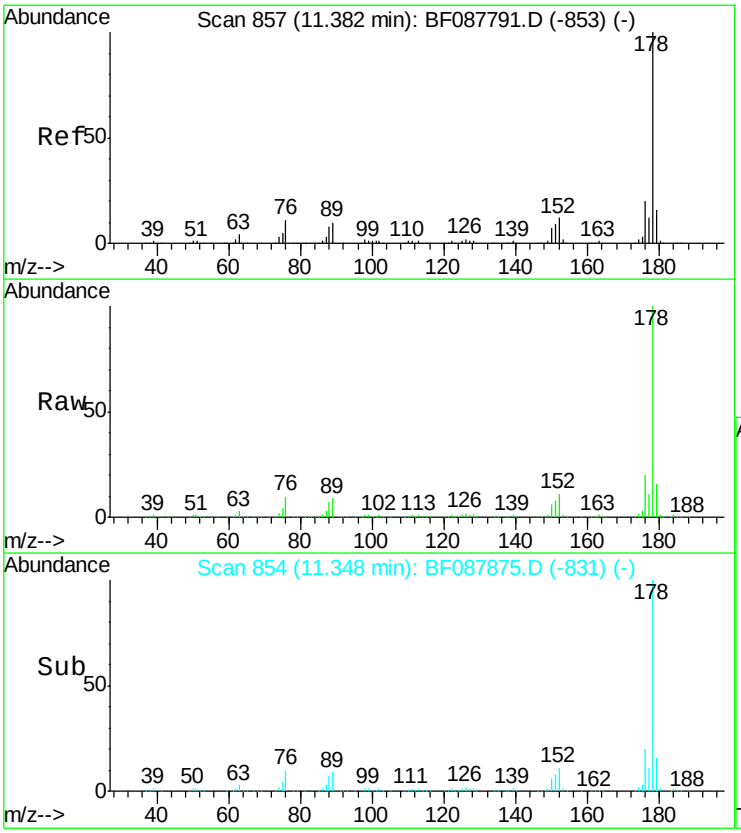
#64
4,6-Dinitro-2-methylphenol
Concen: 2.25 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:198 Resp: 208

Ion	Ratio	Lower	Upper
198	100		
51	387.5	39.6	79.6#
105	257.6	36.6	76.6#

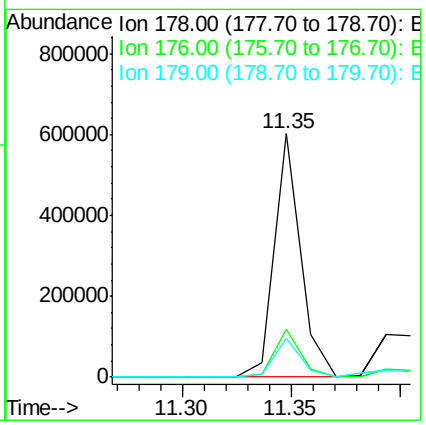


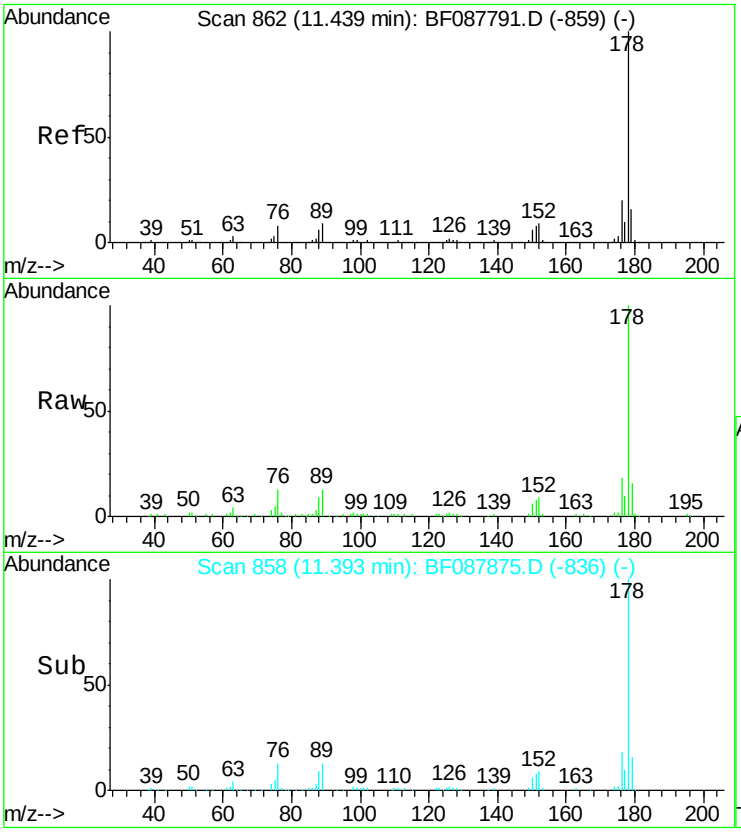


#70
Phenanthrene
Concen: 27.97 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:178 Resp: 509646

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	16.0	13.0	19.4



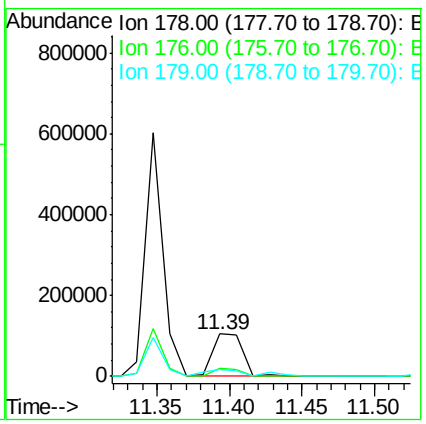


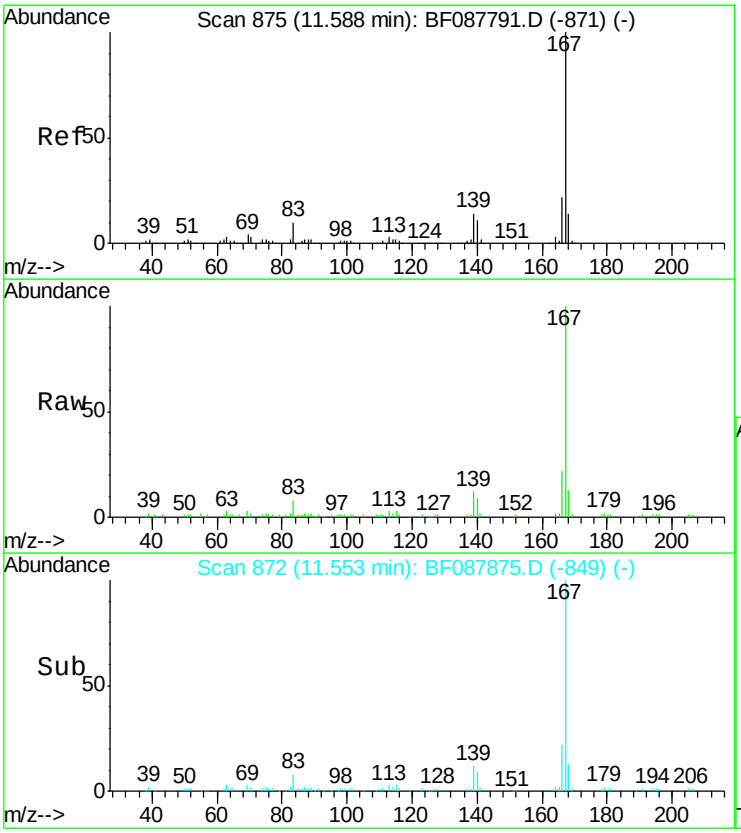
#71
Anthracene
Concen: 8.10 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:178 Resp: 148771

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	16.1	12.8	19.2

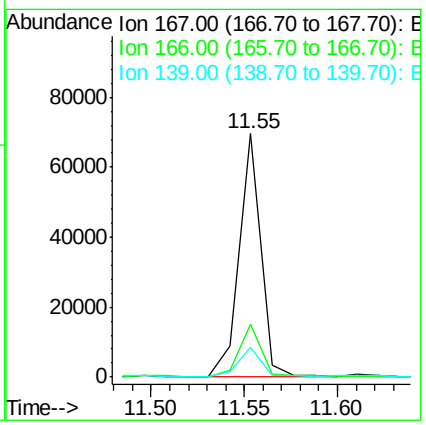


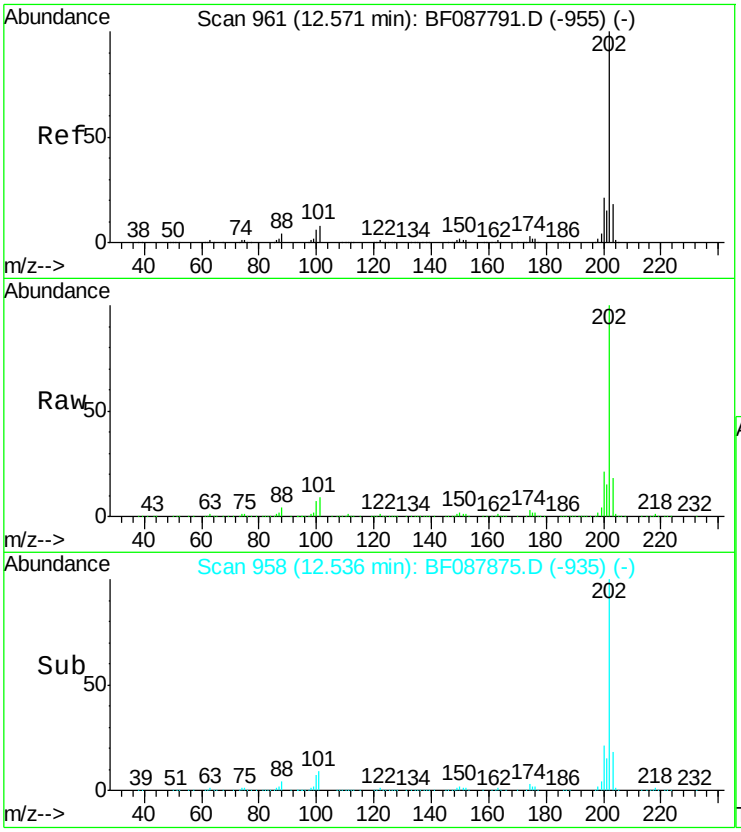


#72
Carbazole
Concen: 3.29 ng
RT: 11.55 min Scan# 872
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:167 Resp: 56504

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.6
139	12.4	11.2	16.8



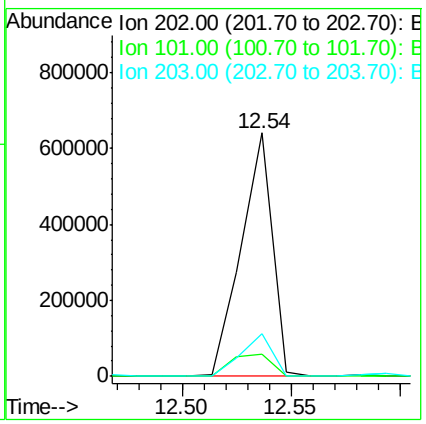


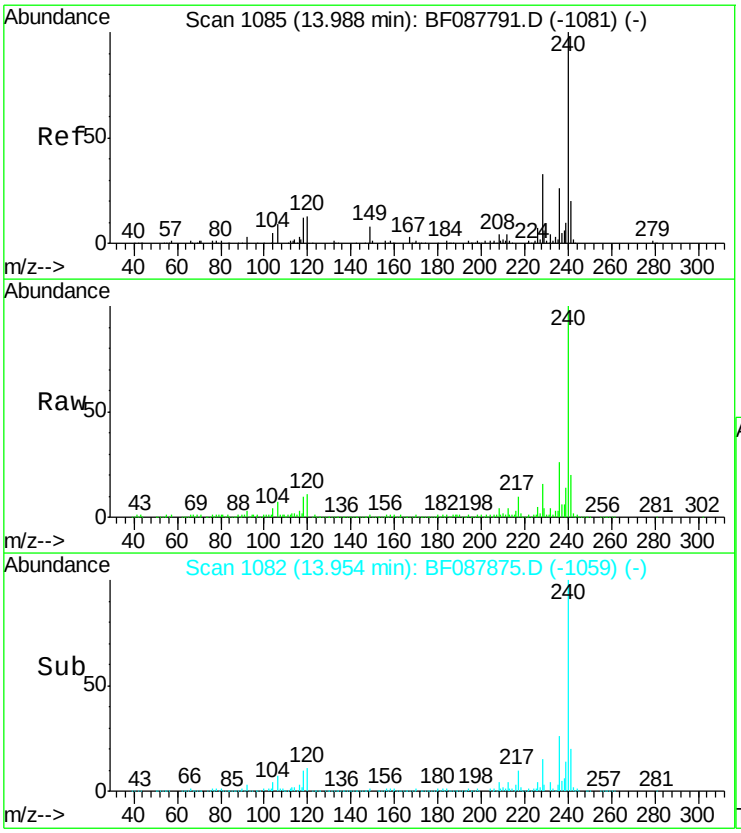
#74
Fluoranthene
Concen: 33.18 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:202 Resp: 638009

Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	33.1
203	17.7	0.0	38.1

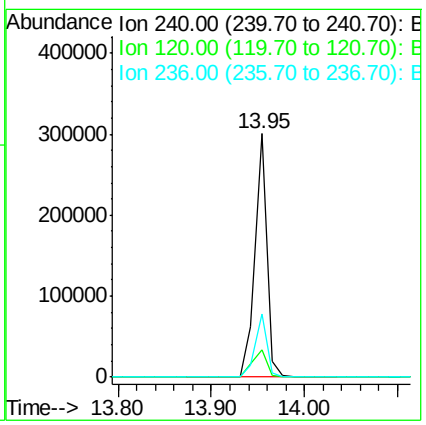


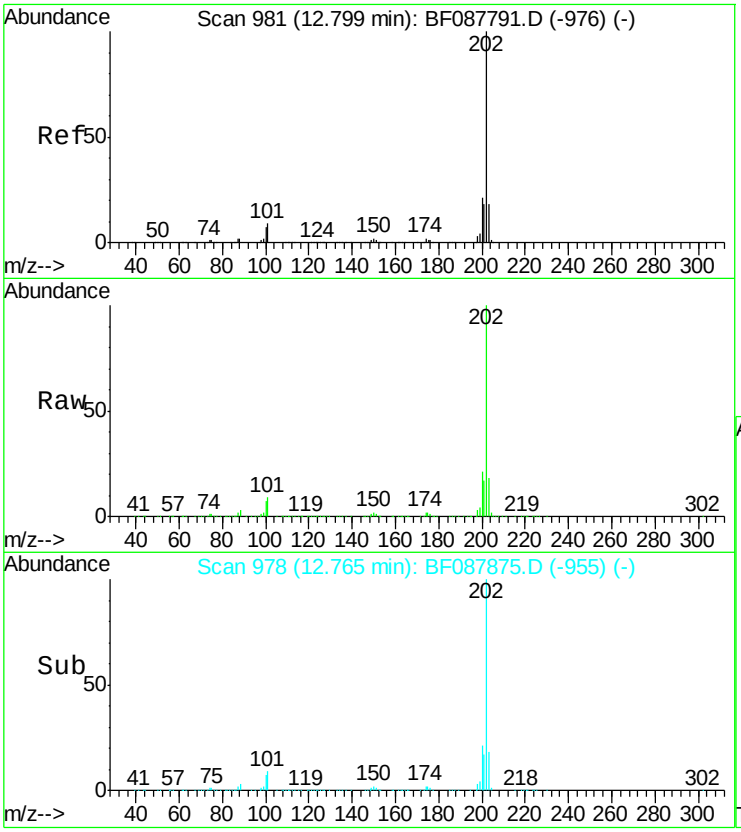


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:240 Resp: 266774

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.8	10.2#
236	26.1	20.2	30.2



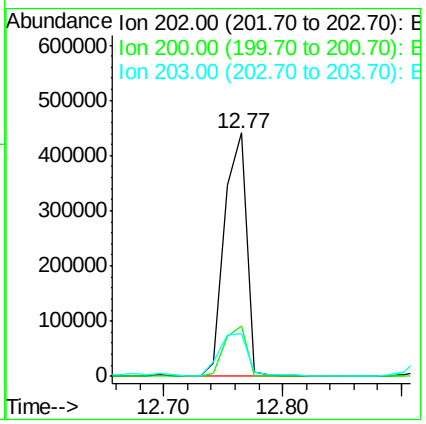


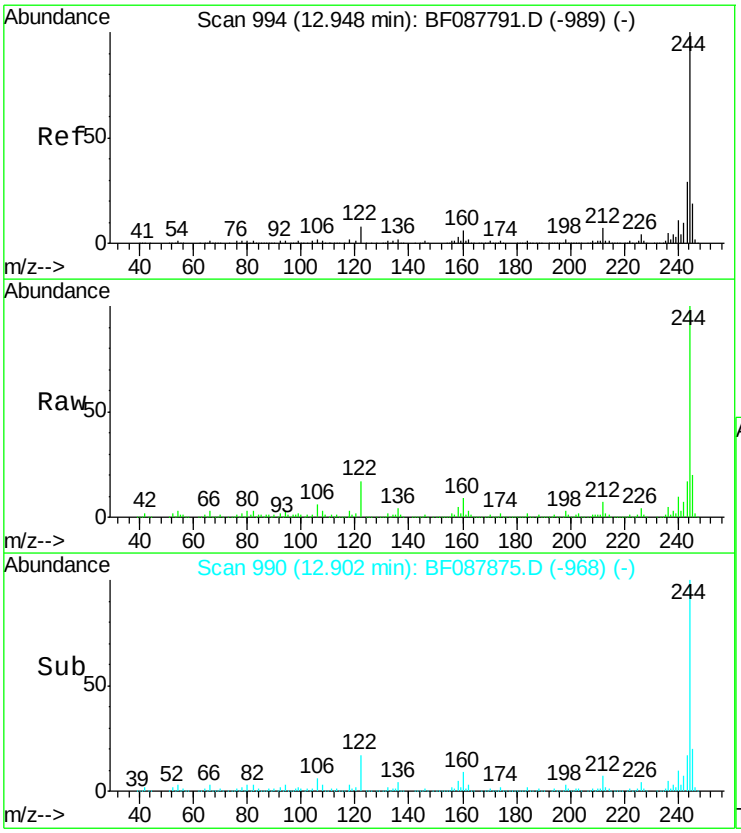
#77
Pyrene
Concen: 28.40 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:202 Resp: 562142

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.7	14.5	21.7

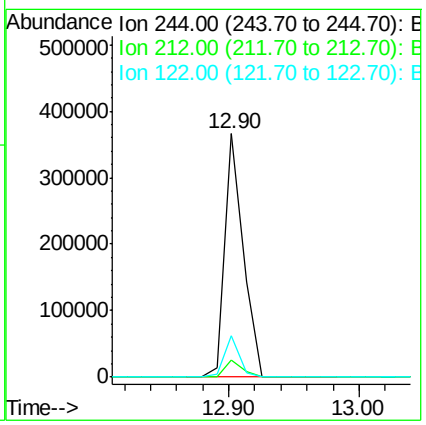


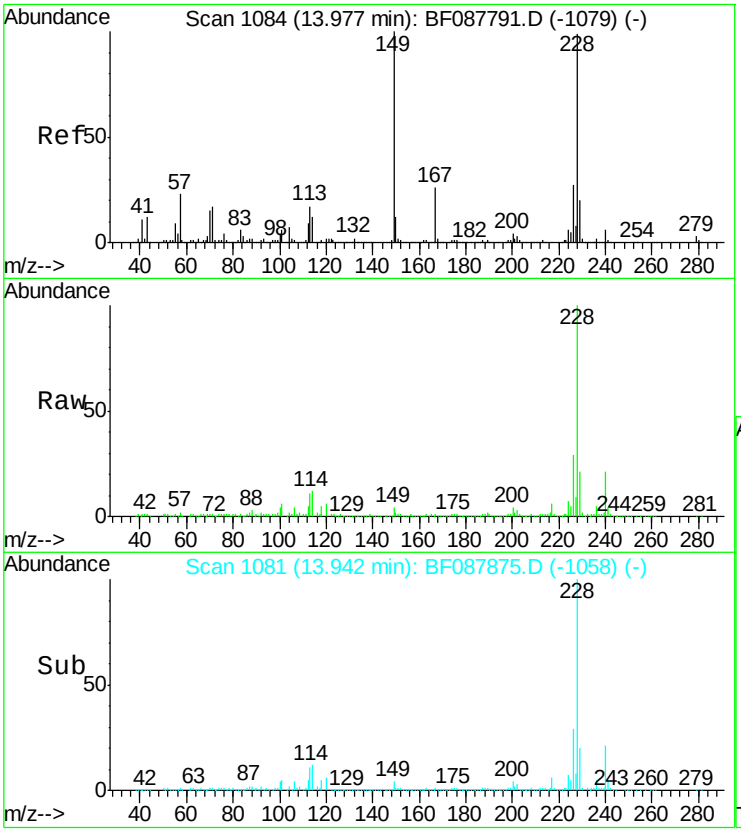


#78
Terphenyl-d14
Concen: 30.81 ng
RT: 12.90 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:244 Resp: 361153

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	16.8	11.2	16.8



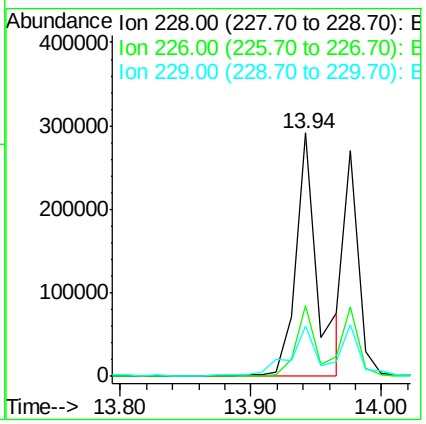


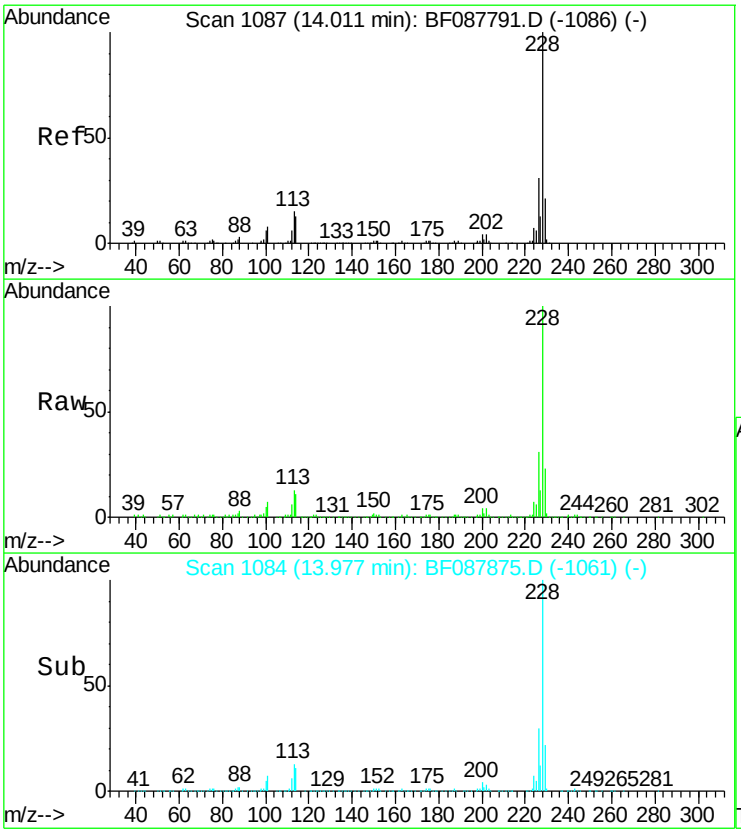
#80
Benzo(a)anthracene
Concen: 22.19 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:228 Resp: 337305

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.3	33.5
229	20.7	16.0	24.0

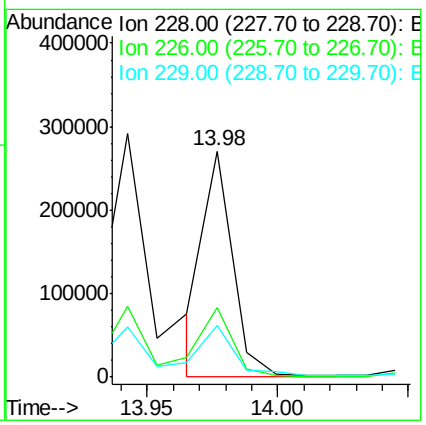


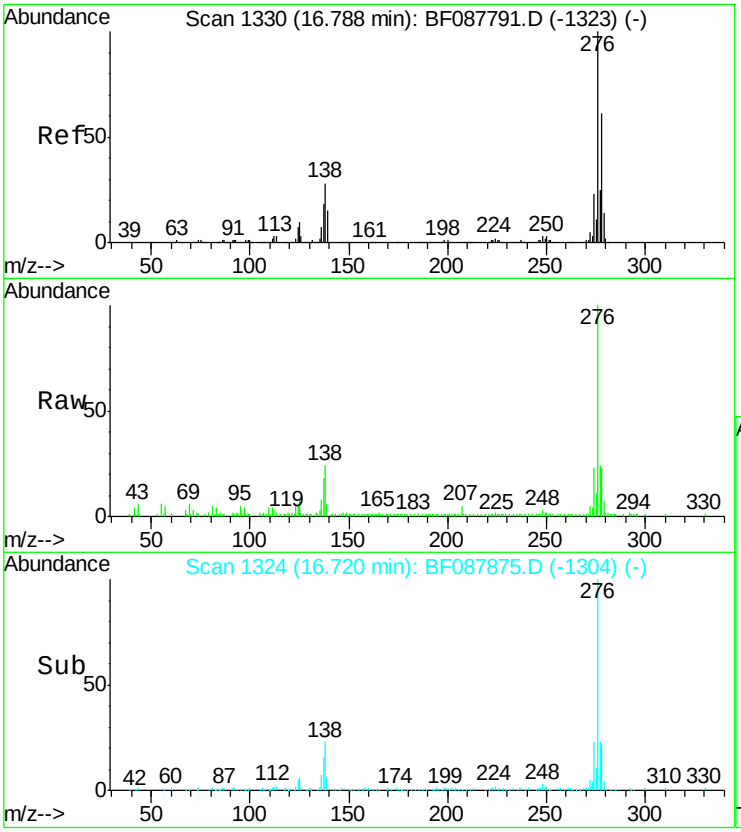


#82
Chrysene
Concen: 14.58 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:228 Resp: 208561

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.2
229	22.9	16.3	24.5



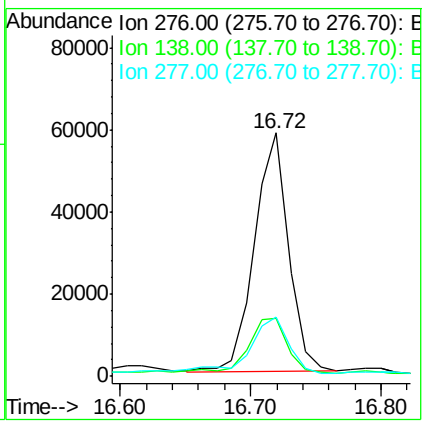


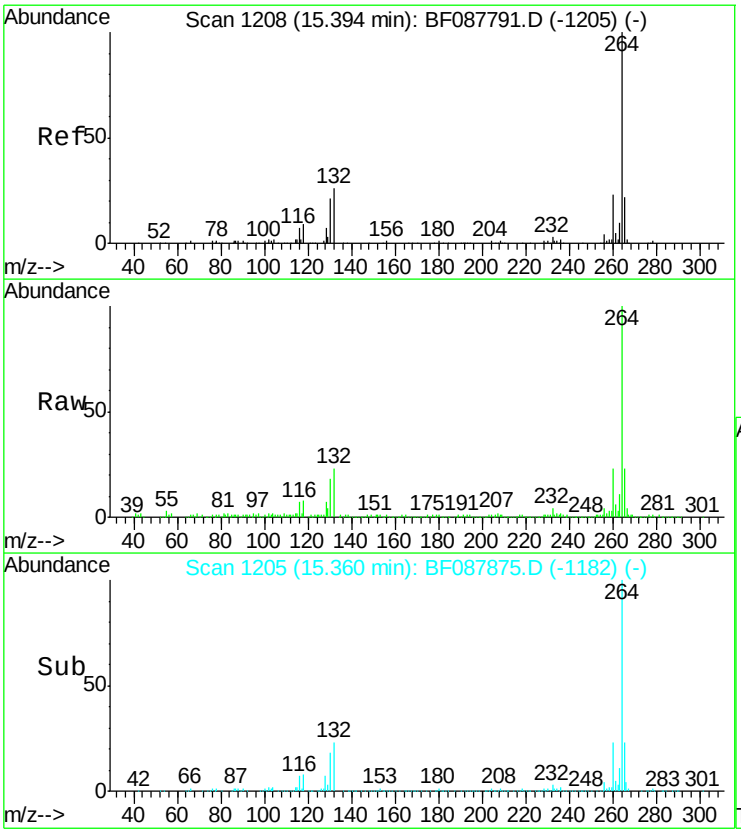
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.99 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:276 Resp: 106153

Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	30.6	0.0	0.0#

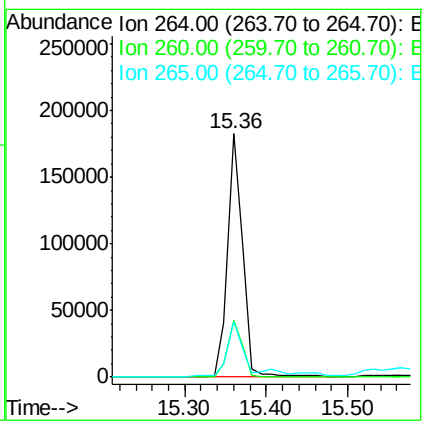


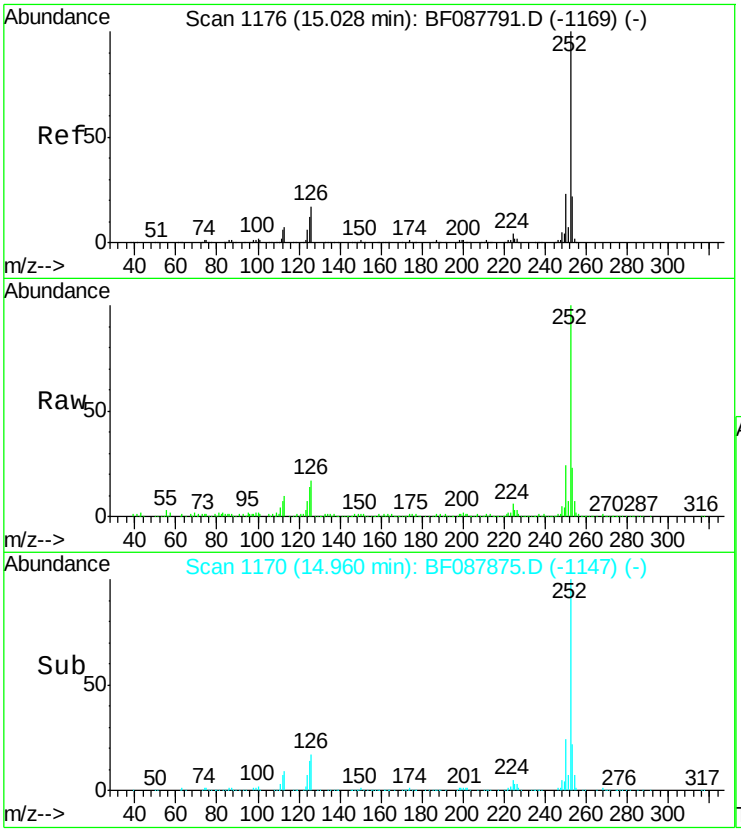


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:264 Resp: 234345

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.9	16.9	25.3



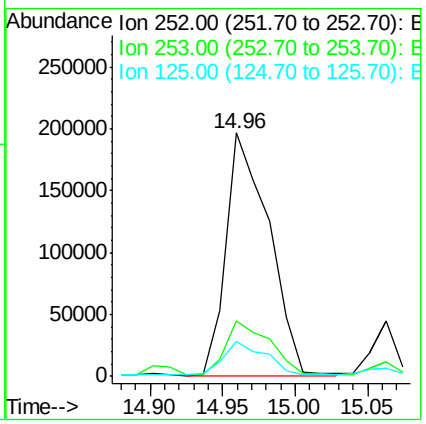


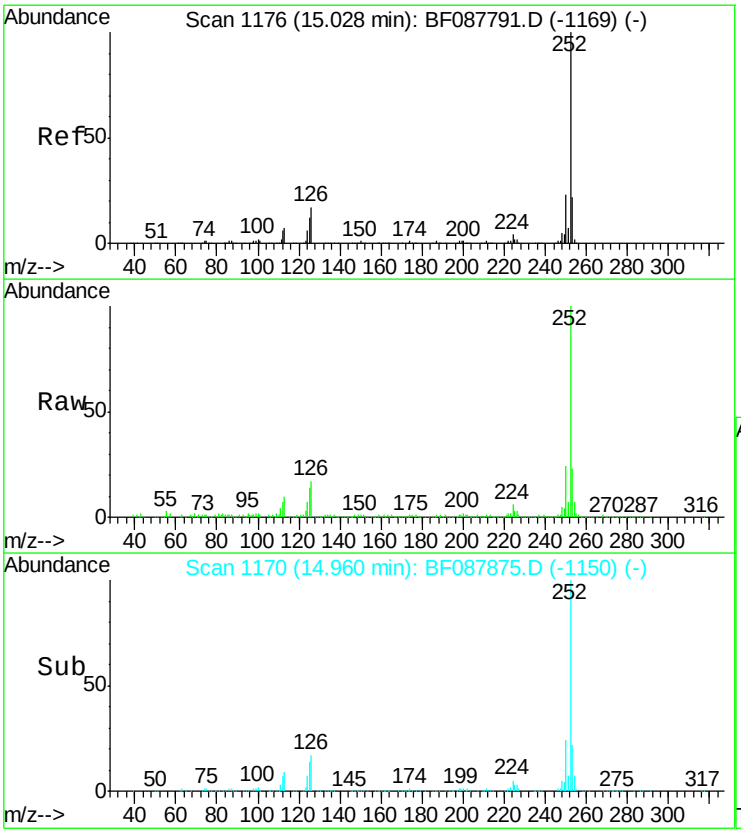
#87
Benzo(b)fluoranthene
Concen: 24.54 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:252 Resp: 400800

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	14.4	7.1	10.7#

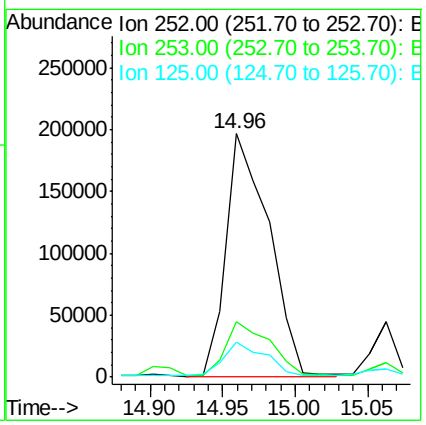


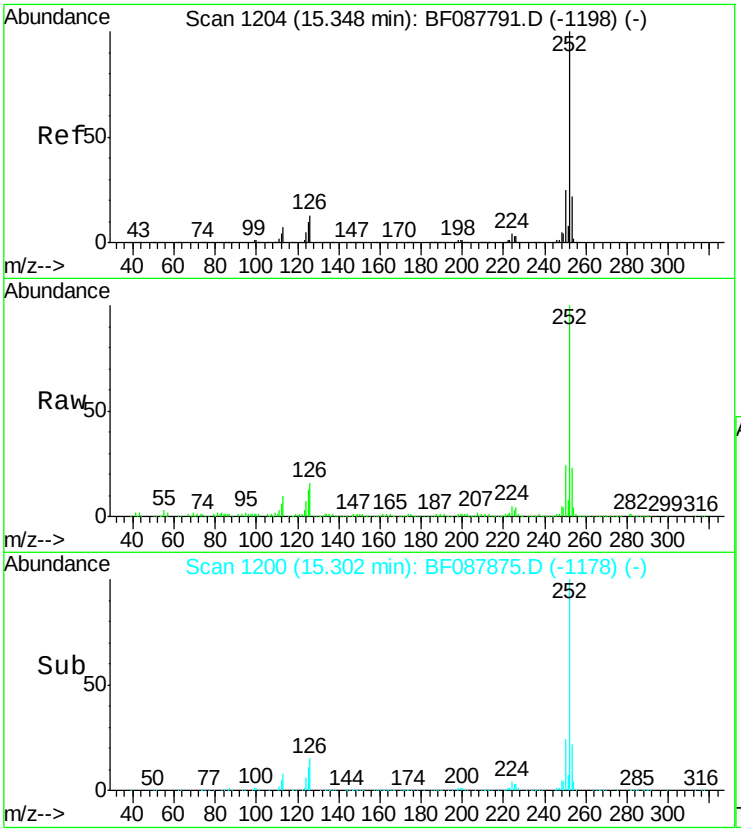


#88
Benzo(k)fluoranthene
Concen: 32.53 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:252 Resp: 400800

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.4	11.2	16.8



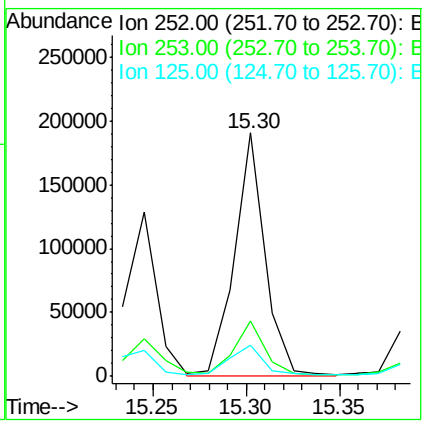


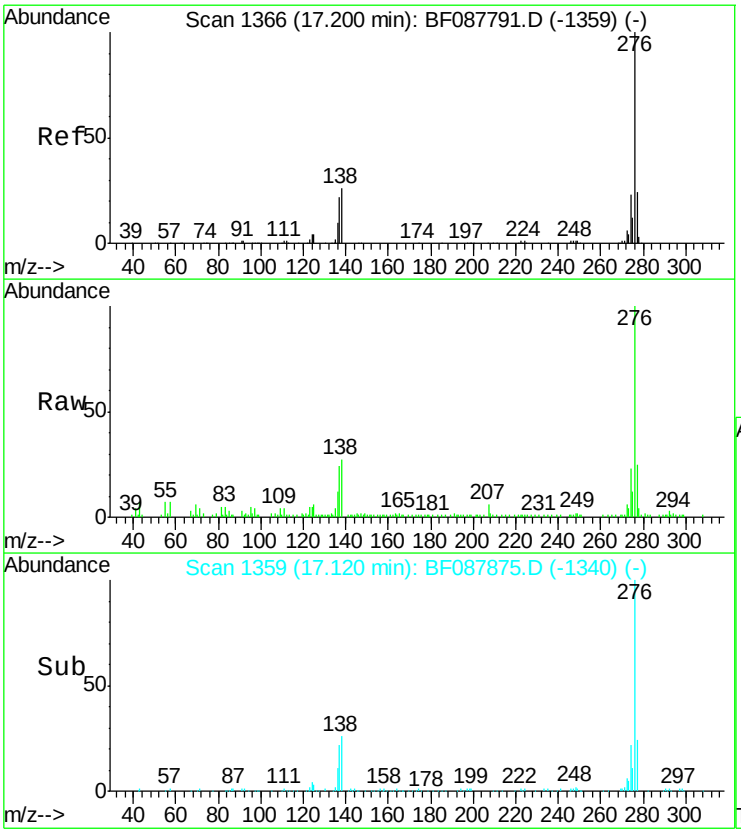
#89
Benzo(a)pyrene
Concen: 16.36 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Instrument :
BNA_F
ClientSampleId :
SS-55

Tgt Ion:252 Resp: 216132

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	12.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 7.91 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087875.D
Acq: 10 Jun 2016 15:29

Tgt Ion:276 Resp: 99810

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	26.8	21.4	32.2