Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061016\
Data File : BF087885.D
Acq On : 10 Jun 2016 20:19
Operator : UM/SJ
Sample : H3395-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : STA-938-PLATFORM(0-4)

Quant Time: Jun 11 02:00:31 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	6.81	152	111903	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	473526	20.00	ng		-0.02
38) Acenaphthene-d10	9.85	164	203706	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	303930	20.00	ng		-0.03
75) Chrysene-d12	13.95	240	251424	20.00	ng		-0.03
86) Perylene-d12	15.36	264	211966	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	805380	123.04	ng		-0.01
7) Phenol-d6	6.46	99	1061505	133.81	ng		-0.02
23) Nitrobenzene-d5	7.38	82	633312	78.10	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	196711	91.45	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	930511	70.84	ng		-0.03
78) Terphenyl-d14	12.91	244	636631	57.62	ng		-0.03
Target Compounds							Qvalue
10) Phenol	6.46	94	4680	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.38	70	82666	16.29	ng	#	72
45) 1,1'-Biphenyl	9.27	154	1598	Below Cal			87
48) Acenaphthylene	9.70	152	44656	2.13	ng		99
49) Dimethylphthalate	9.56	163	109621	7.43	ng		99
56) 2,4-Dinitrotoluene	9.85	165	26222	6.04	ng	#	38
57) Fluorene	10.39	166	5397	Below Cal		#	97
64) 4,6-Dinitro-2-methylphenol	10.63	198	269	2.30	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	12332	3.78	ng	#	1
70) Phenanthrene	11.35	178	101751	6.38	ng		97
71) Anthracene	11.39	178	39231	2.44	ng		99
74) Fluoranthene	12.54	202	338337	20.10	ng		94
77) Pyrene	12.75	202	306570	16.43	ng		98
80) Benzo(a)anthracene	13.94	228	190416	13.29	ng	#	93
82) Chrysene	13.94	228	190416	14.13	ng		97
85) Indeno(1,2,3-cd)pyrene	16.71	276	69548	5.55	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	325949	22.06	ng	#	95
88) Benzo(k)fluoranthene	14.96	252	325949	29.25	ng		99
89) Benzo(a)pyrene	15.25	252	105259	8.81	ng		98
91) Benzo(g,h,i)perylene	17.12	276	61049	5.35	ng		98

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

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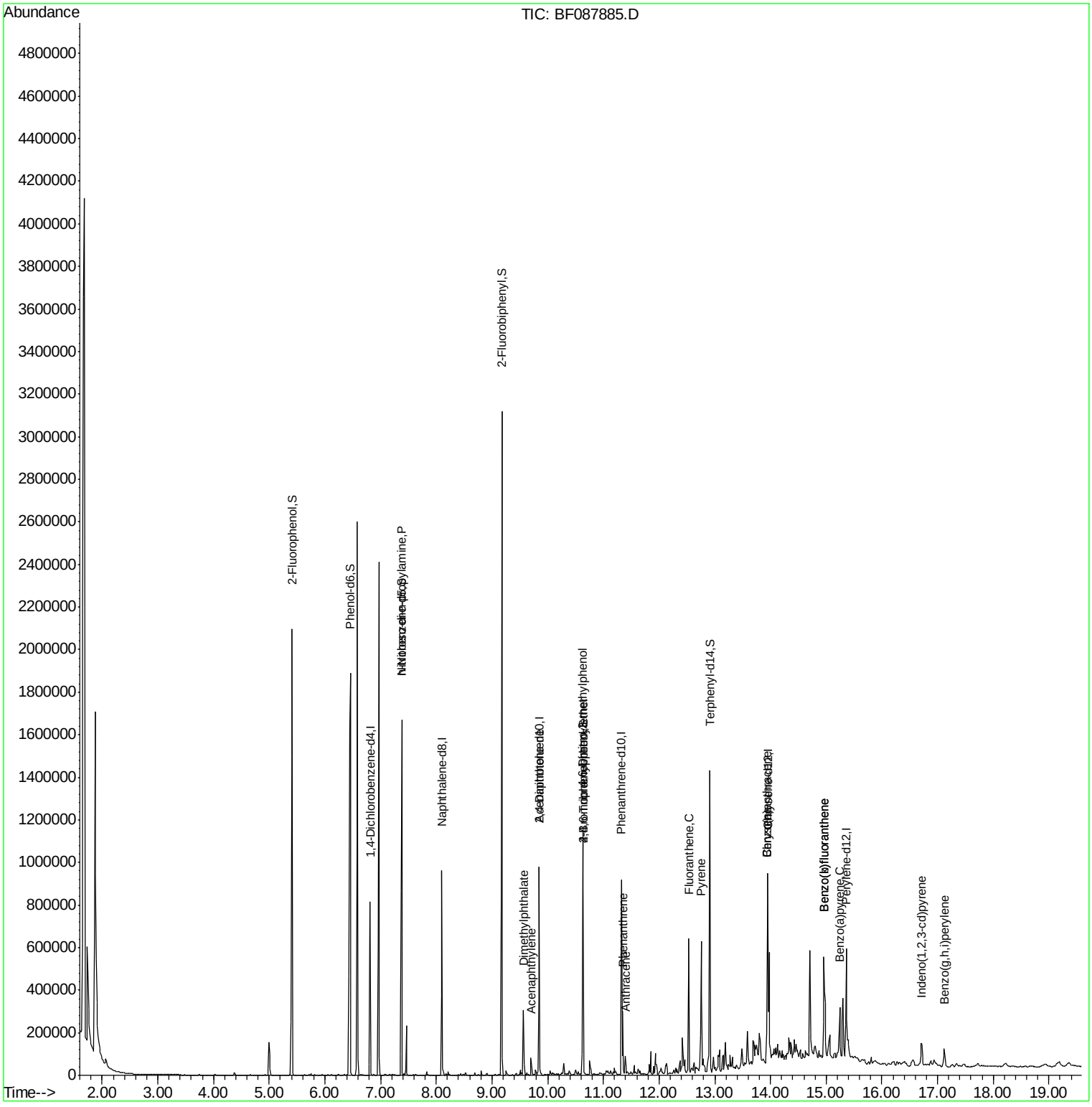
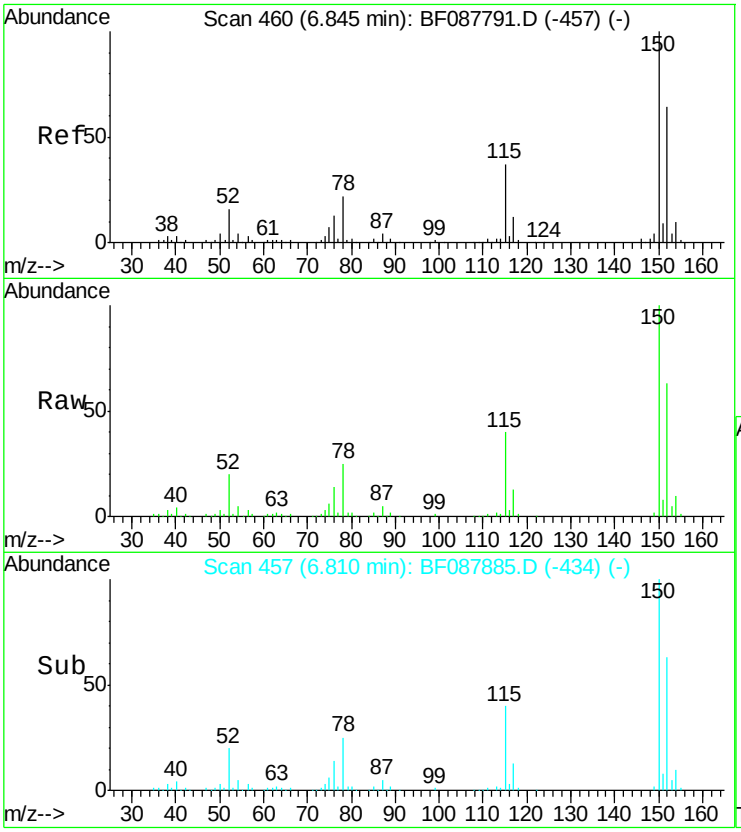


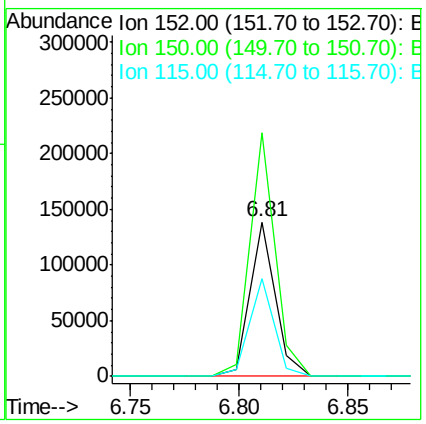


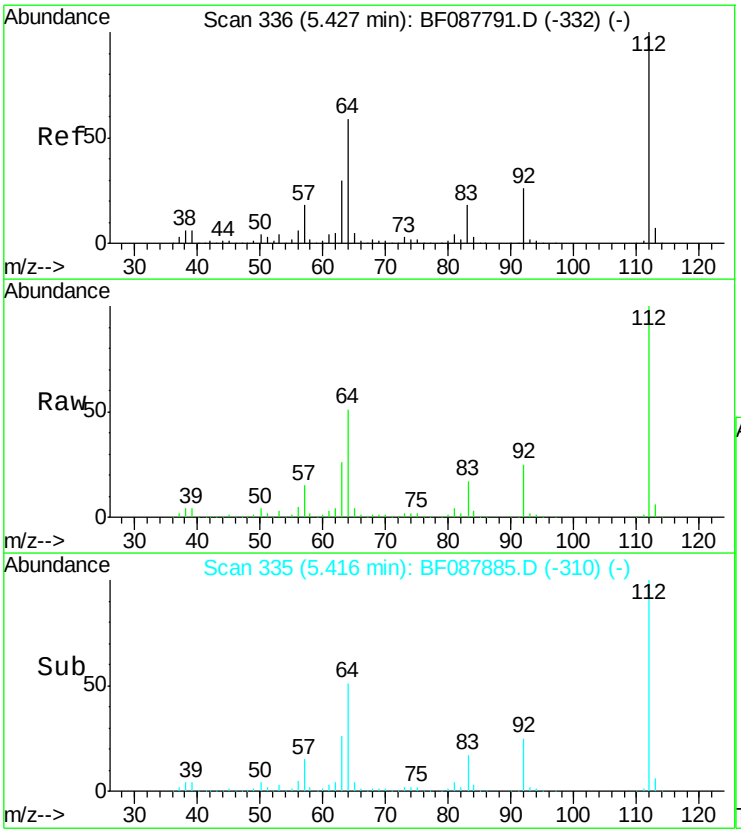
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:152 Resp: 111903

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	63.1	39.6	59.4#

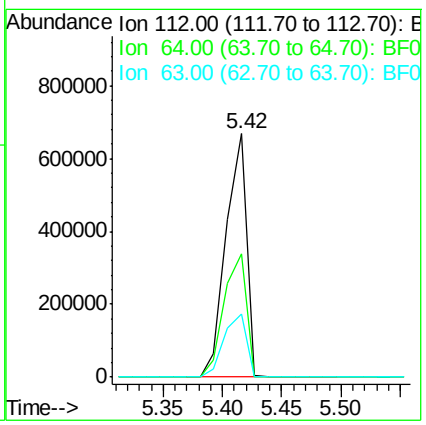


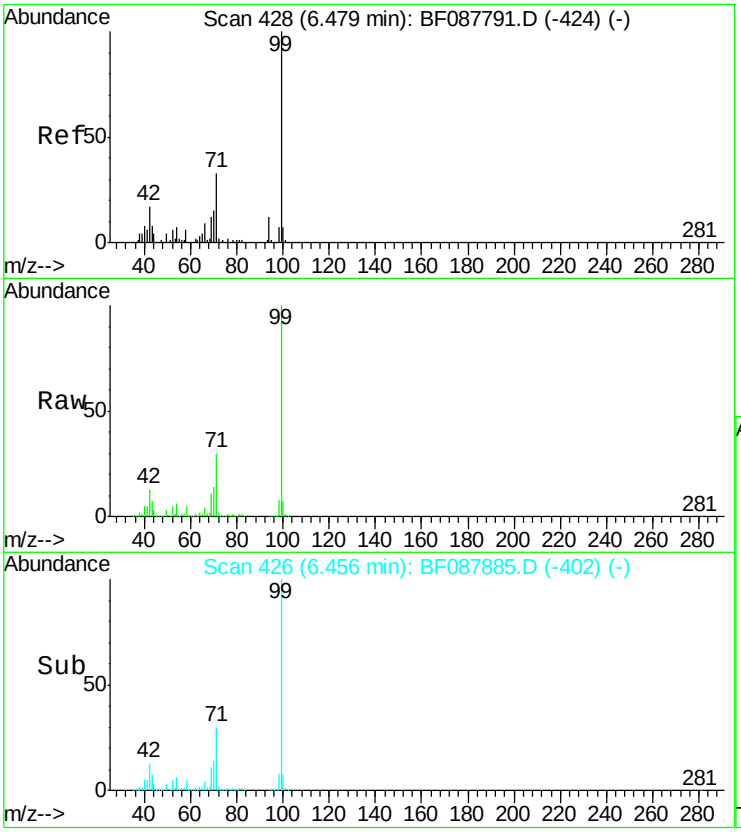


#5
2-Fluorophenol
Concen: 123.04 ng
RT: 5.42 min Scan# 335
Delta R.T. -0.01 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:112 Resp: 805380

Ion	Ratio	Lower	Upper
112	100		
64	50.8	42.2	63.2
63	26.1	21.8	32.8



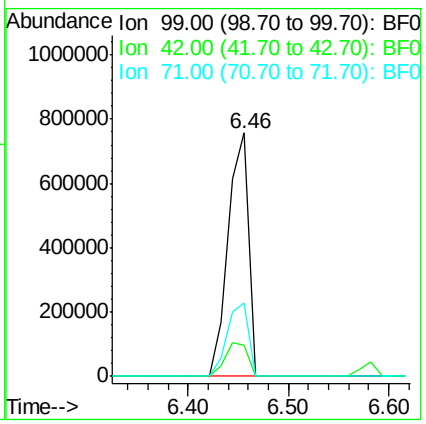


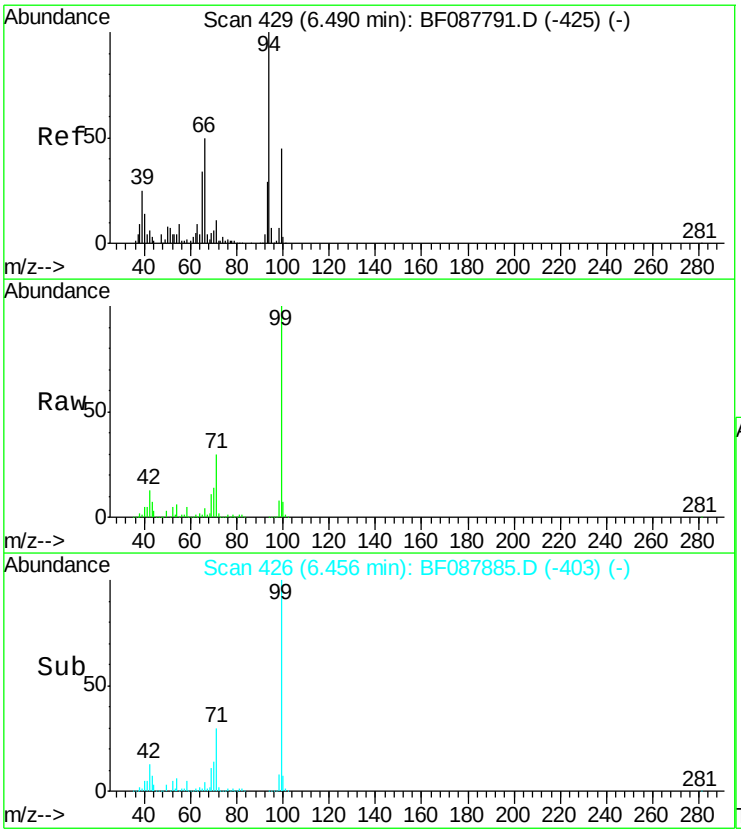
#7
Phenol-d6
Concen: 133.81 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion: 99 Resp: 1061505

Ion	Ratio	Lower	Upper
99	100		
42	13.0	12.2	18.2
71	30.0	23.4	35.0

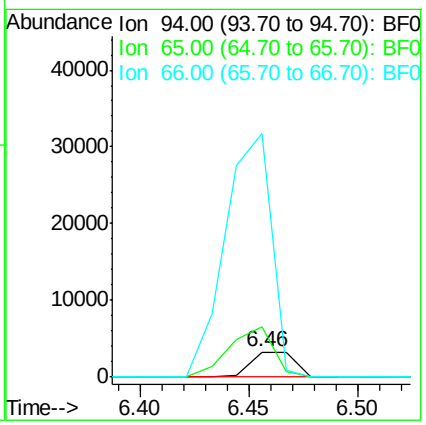


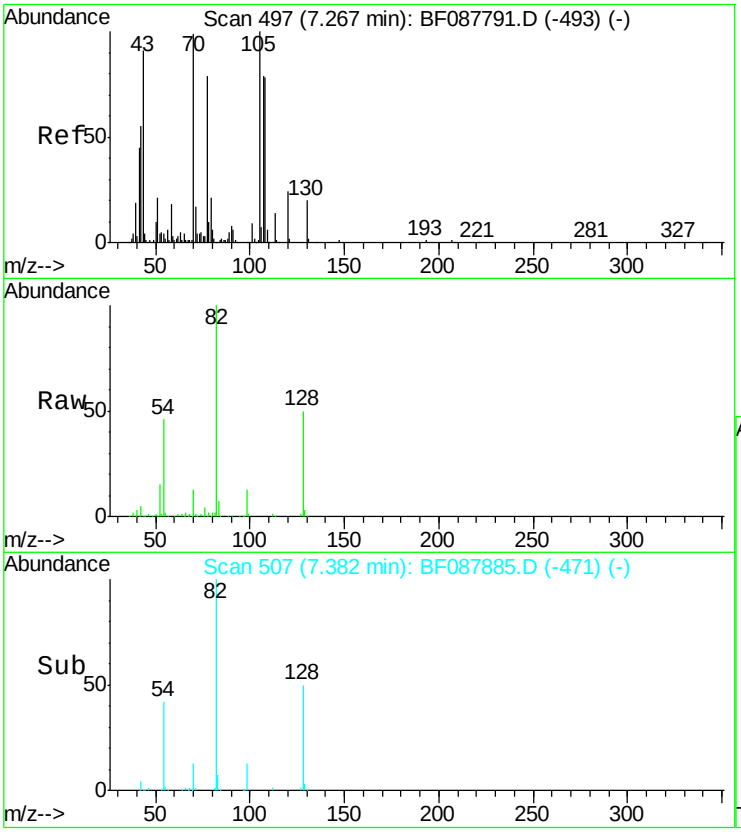


#10
Phenol
Concen: Below Cal
RT: 6.46 min Scan# 426
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion: 94 Resp: 4680

Ion	Ratio	Lower	Upper
94	100		
65	199.5	5.9	45.9#
66	960.3	14.0	54.0#



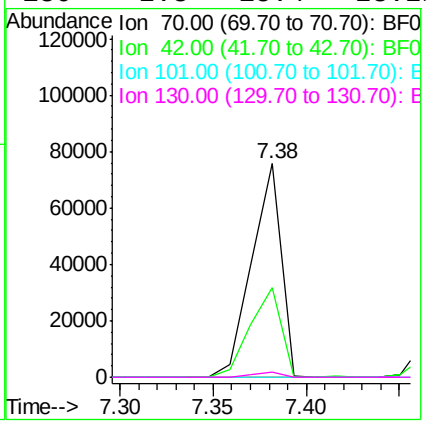


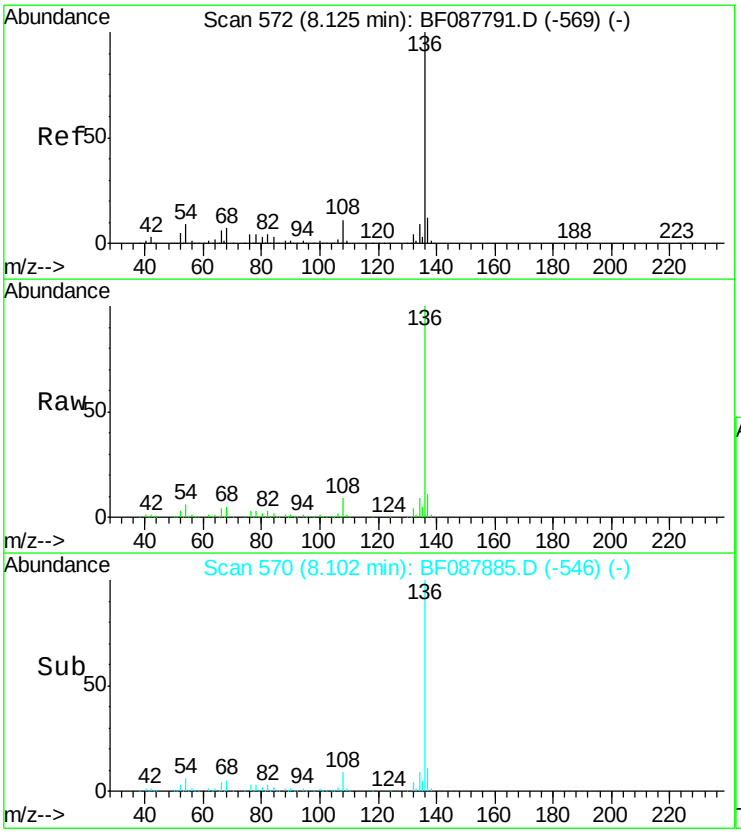
#19
n-Nitroso-di-n-propylamine
Concen: 16.29 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.11 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion: 70 Resp: 82666

Ion	Ratio	Lower	Upper
70	100		
42	42.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.3	15.4	23.2#

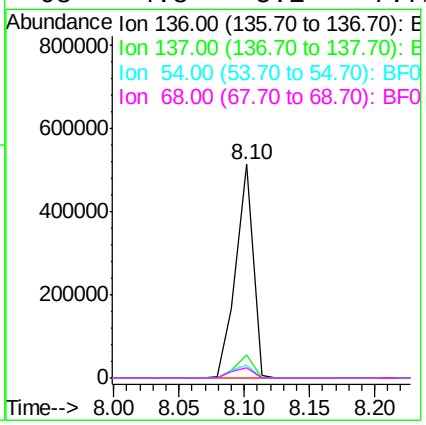


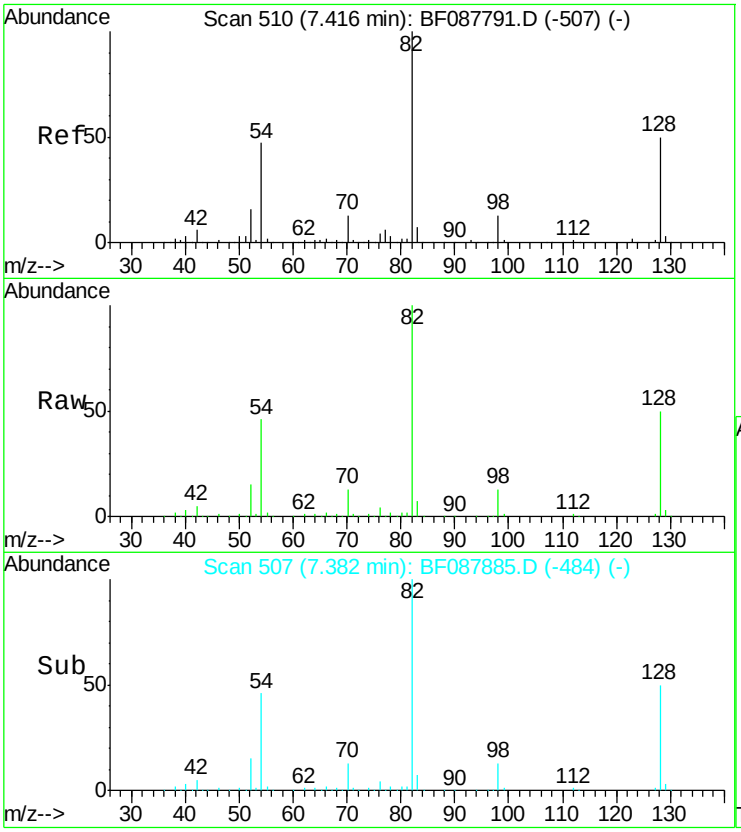


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:136 Resp: 473526

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.7	6.6	10.0#
68	4.8	5.1	7.7#



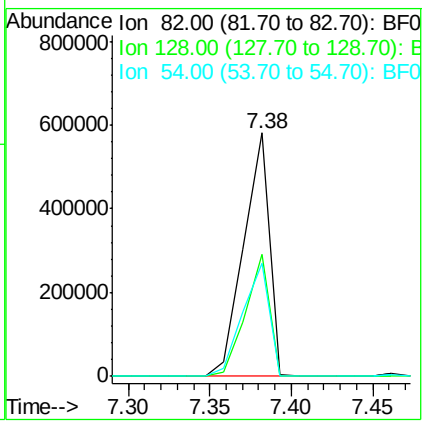


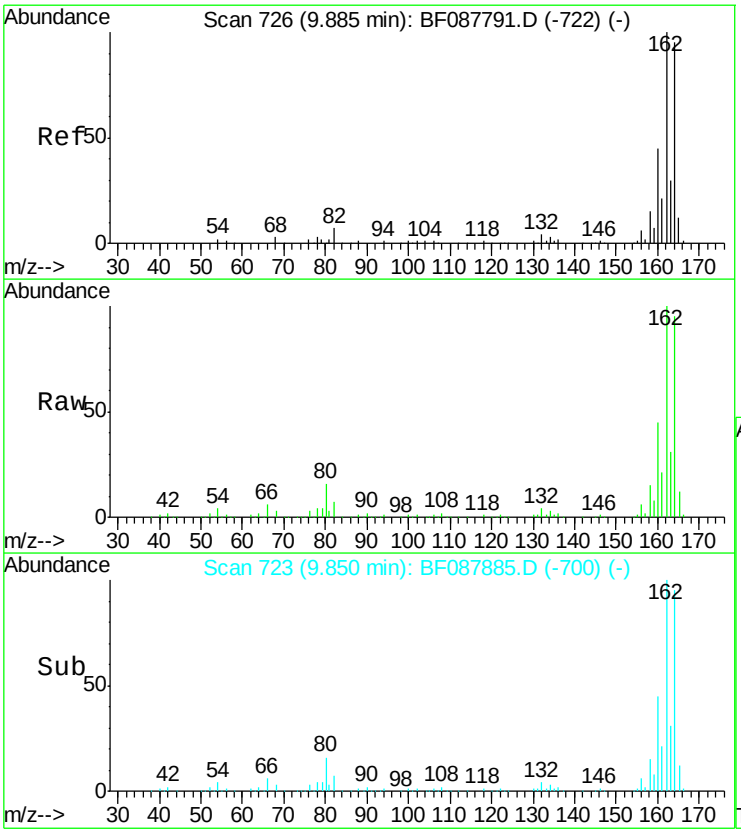
#23
Nitrobenzene-d5
Concen: 78.10 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion: 82 Resp: 633312

Ion	Ratio	Lower	Upper
82	100		
128	50.0	35.9	53.9
54	46.5	40.9	61.3

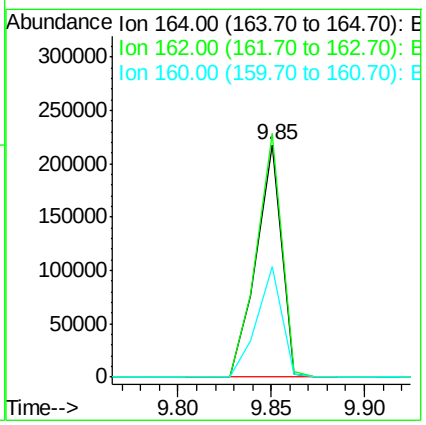


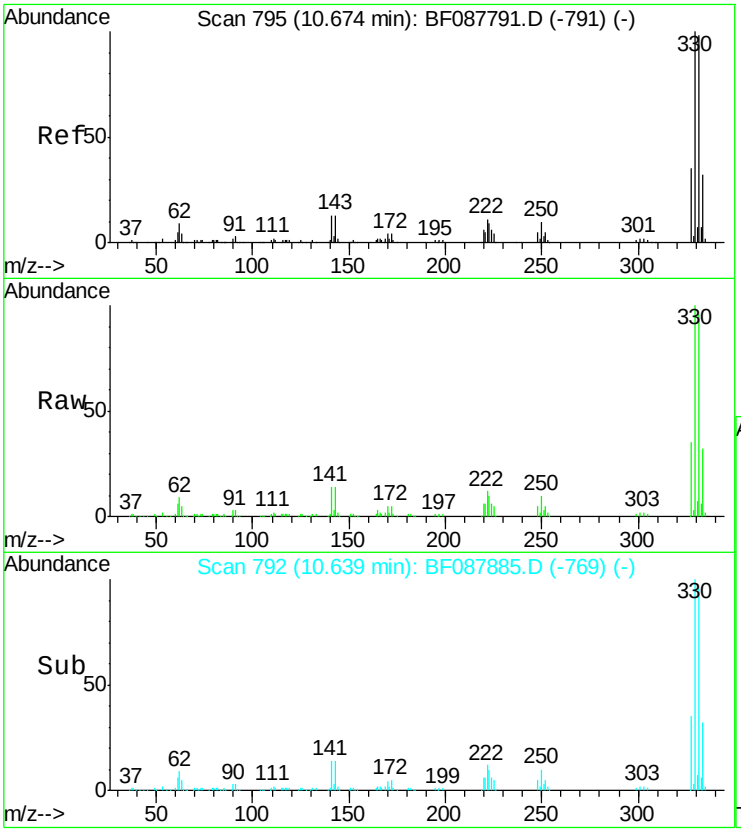


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:164 Resp: 203706

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.7	39.5	59.3



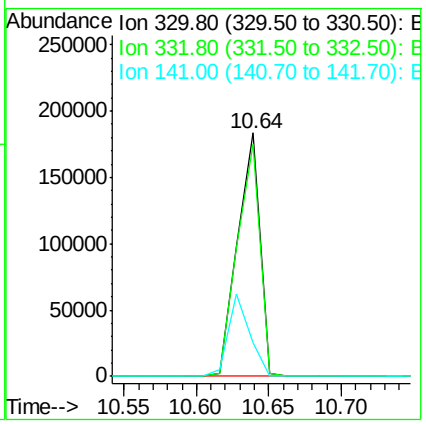


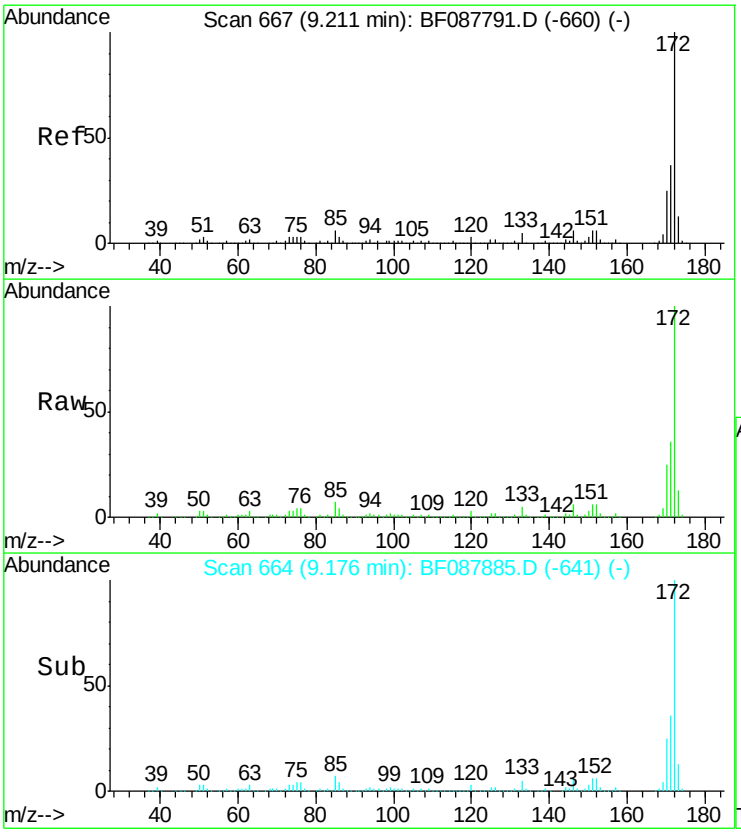
#41
2,4,6-Tribromophenol
Concen: 91.45 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:330 Resp: 196711

Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	32.8	0.0	0.0#

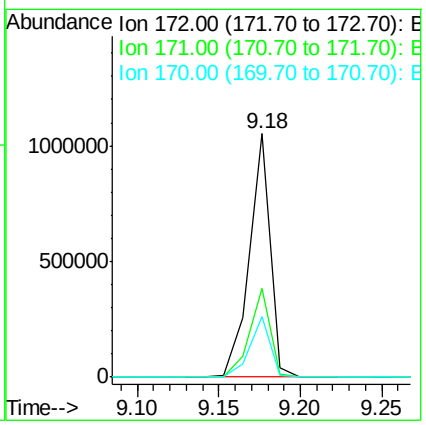


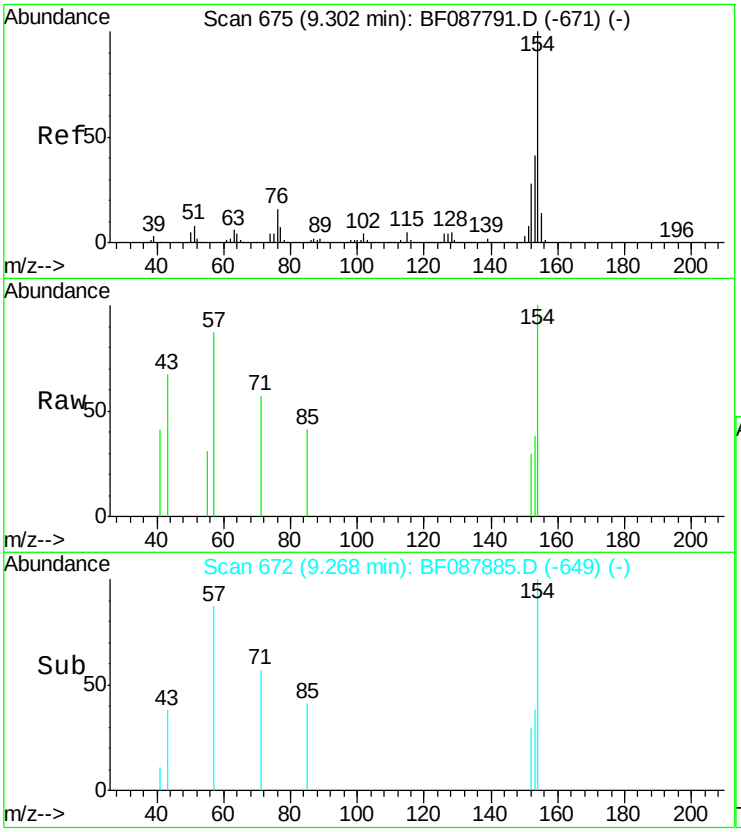


#44
2-Fluorobiphenyl
Concen: 70.84 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:172 Resp: 930511

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.7	19.2	28.8



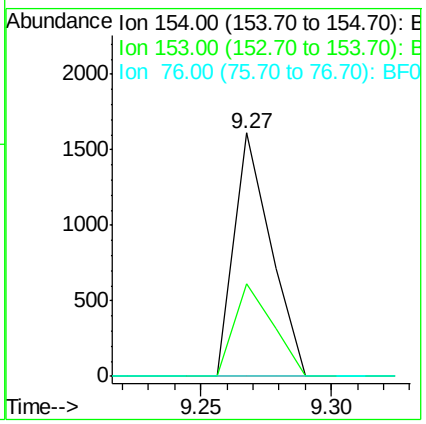


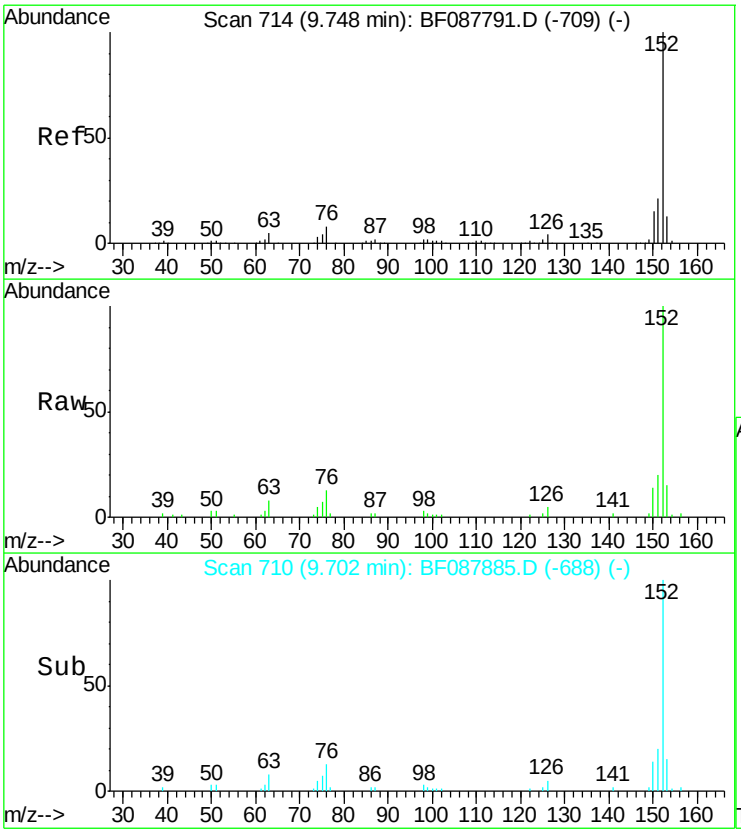
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.27 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:154 Resp: 1598

Ion	Ratio	Lower	Upper
154	100		
153	38.0	20.6	60.6
76	0.0	0.0	35.1

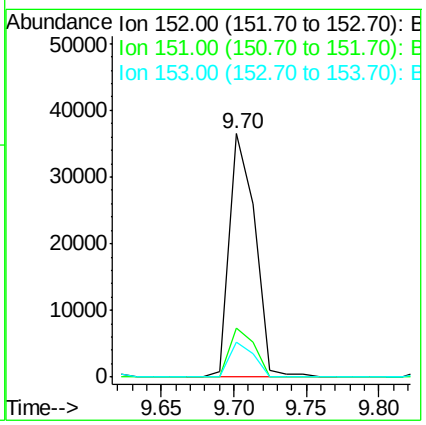


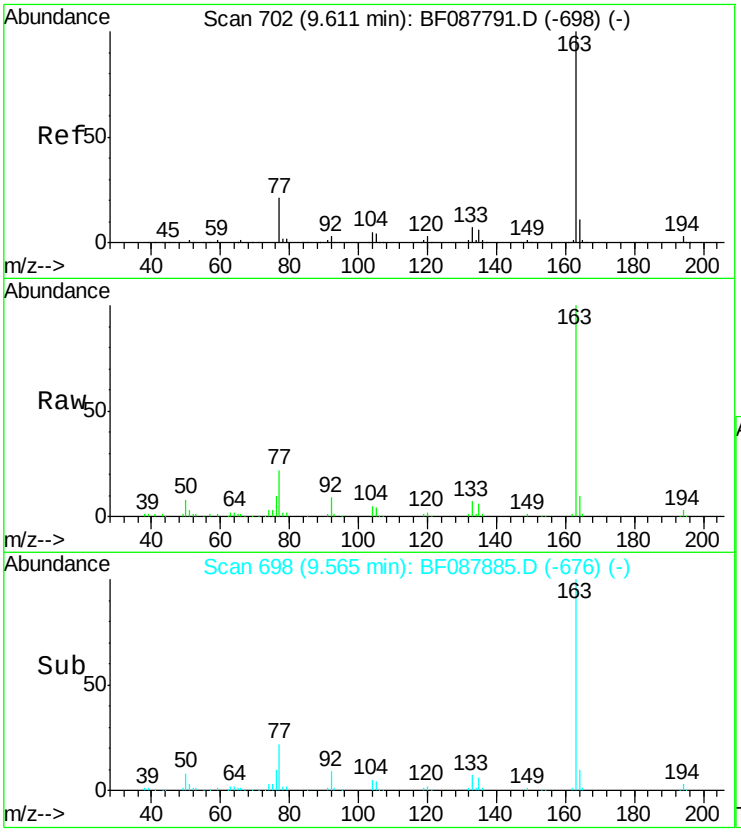


#48
Acenaphthylene
Concen: 2.13 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:152 Resp: 44656

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	14.5	11.0	16.6



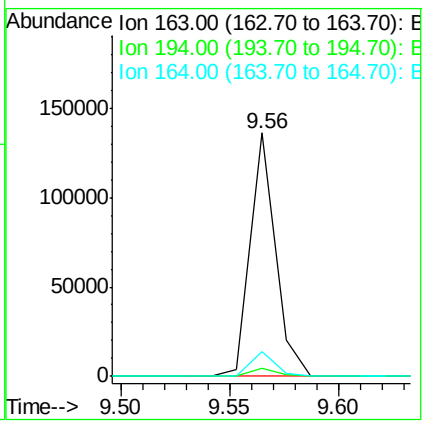


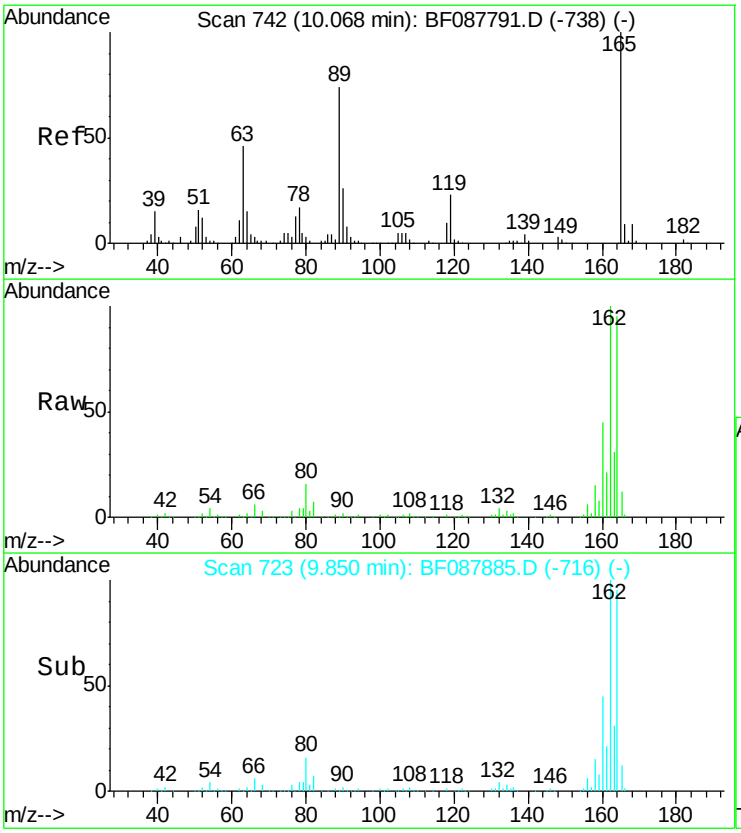
#49
Dimethylphthalate
Concen: 7.43 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.05 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:163 Resp: 109621

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5

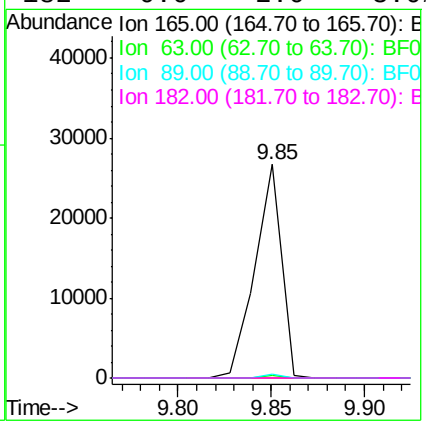


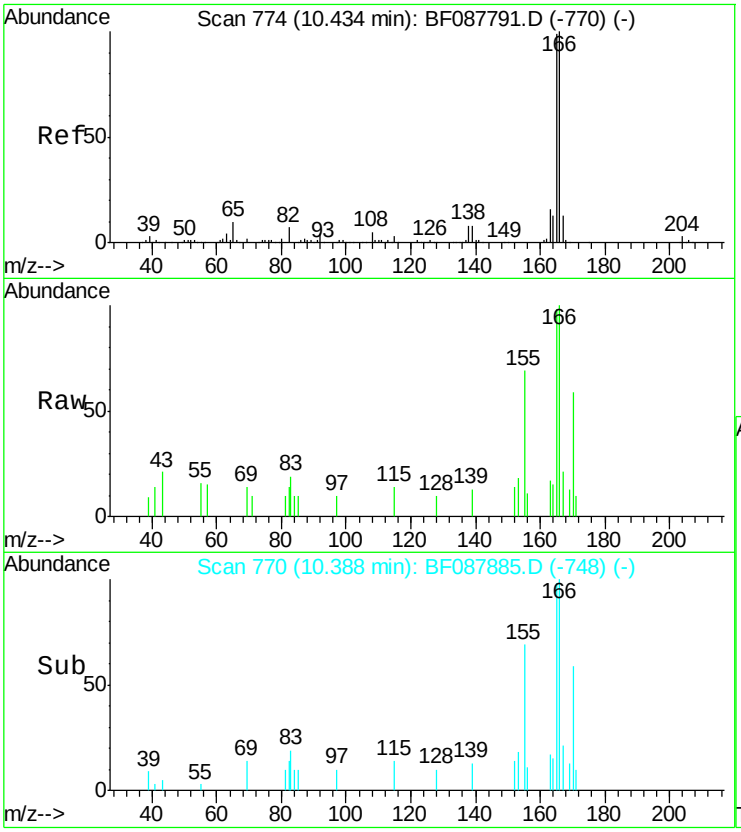


#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.22 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:165 Resp: 26222

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#



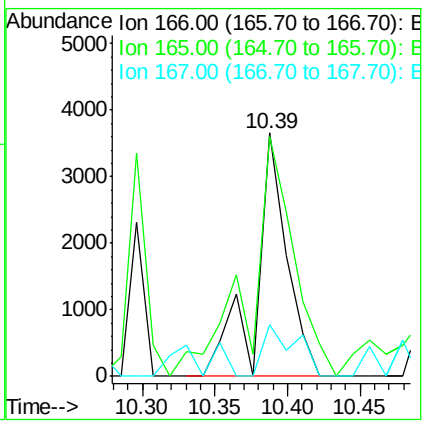


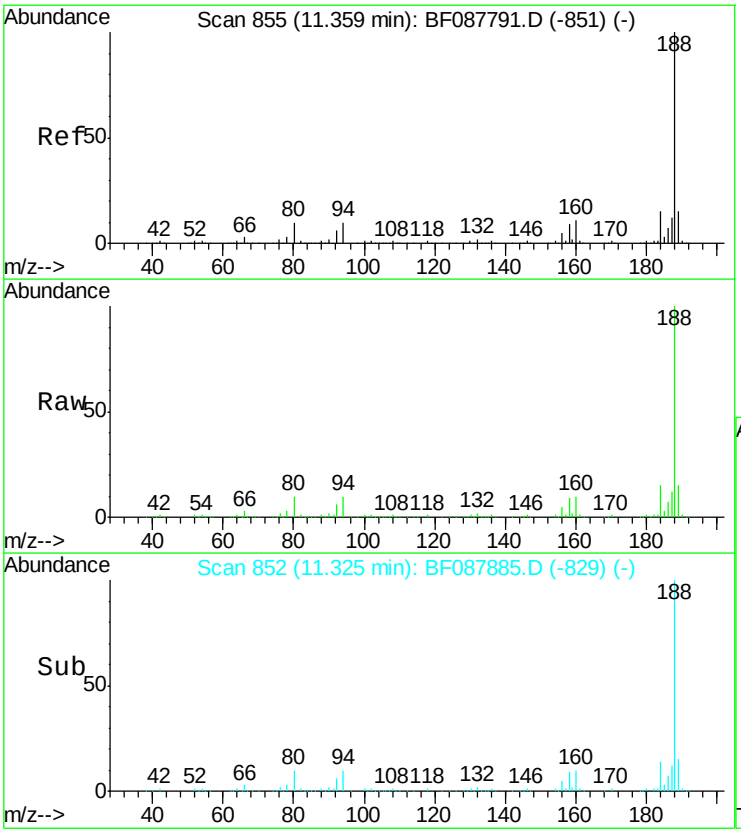
#57
Fluorene
Concen: Below Cal
RT: 10.39 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:166 Resp: 5397

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	21.1	11.2	16.8#

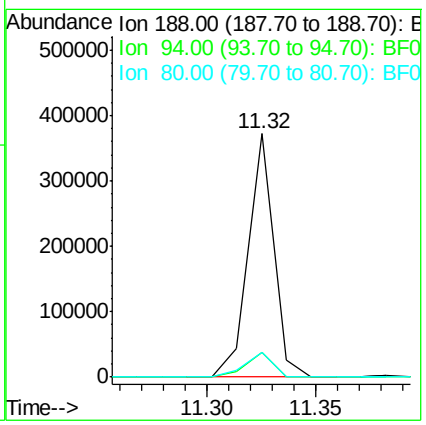


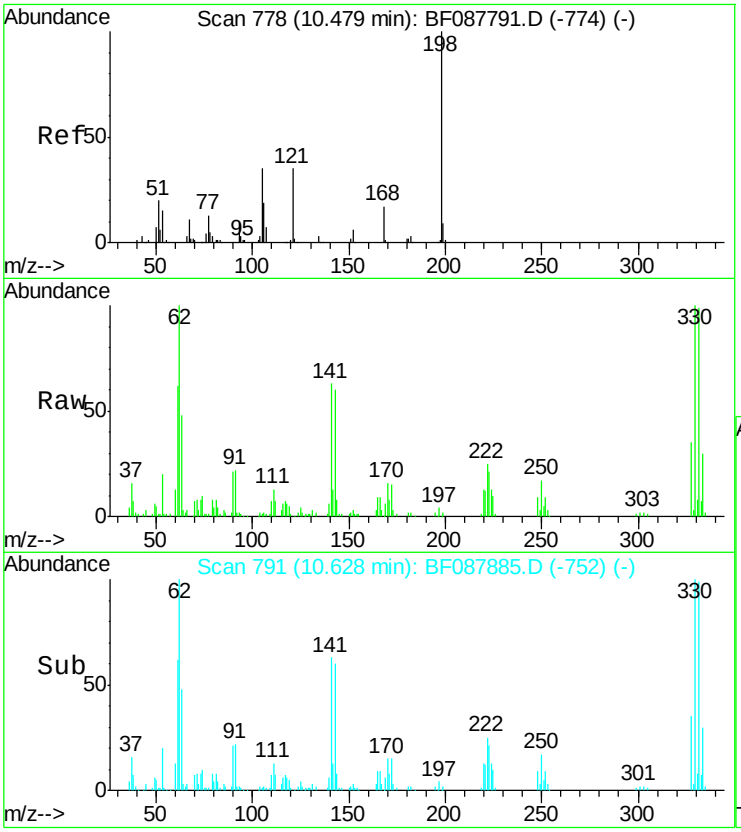


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:188 Resp: 303930

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	10.3	10.0	15.0



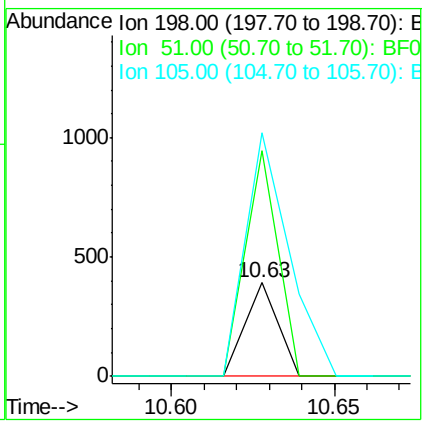


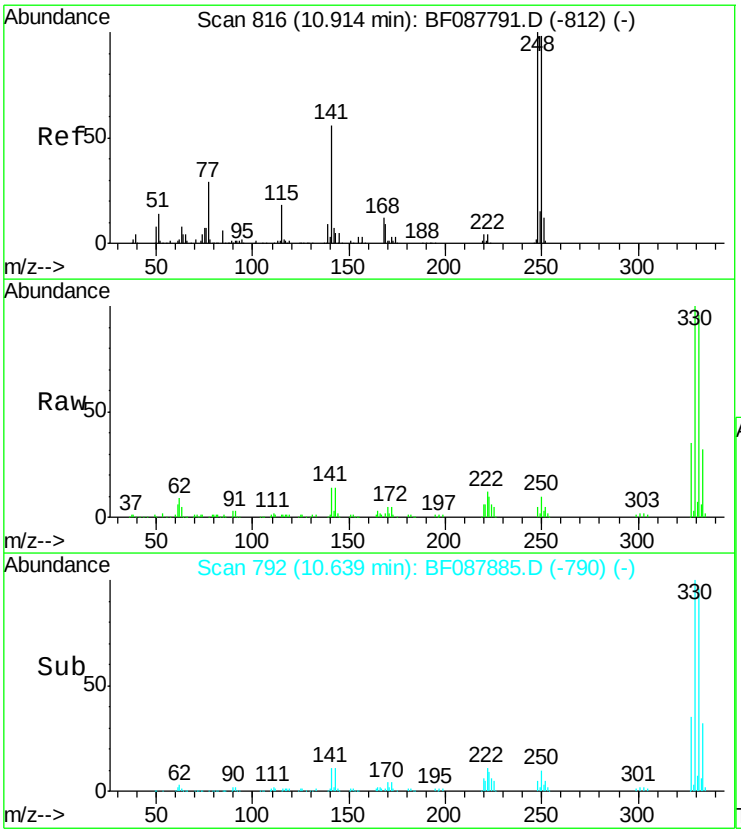
#64
4,6-Dinitro-2-methylphenol
Concen: 2.30 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.15 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	241.8	39.6	79.6#
105	260.2	36.6	76.6#

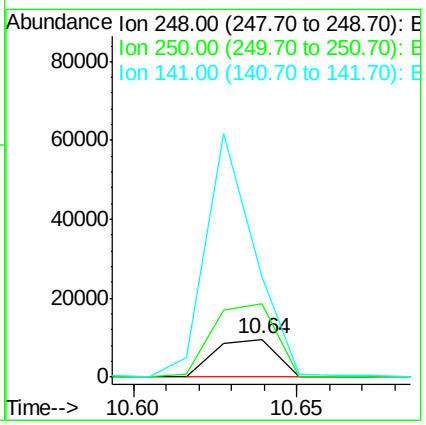


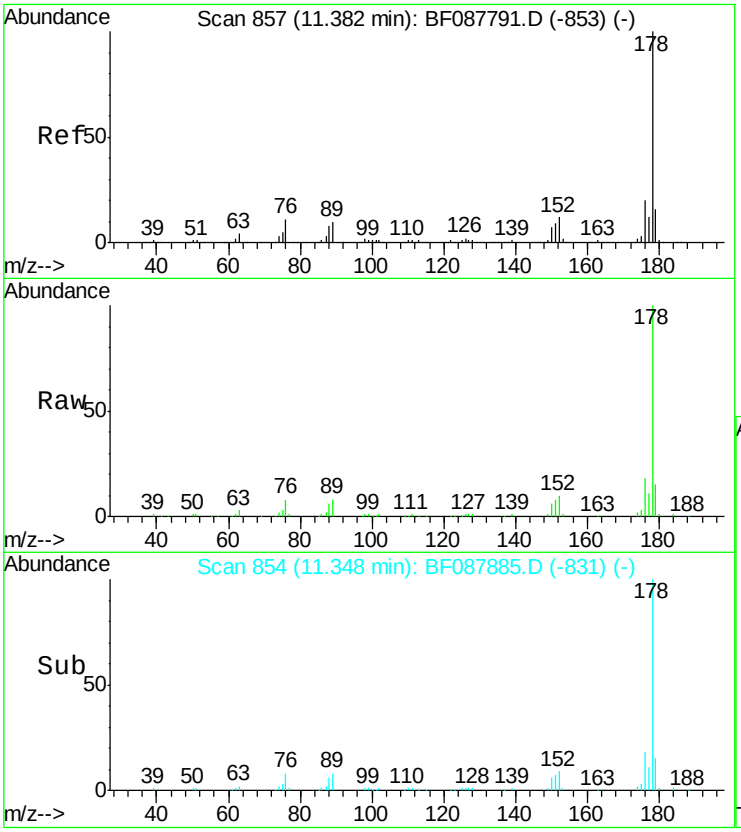


#66
4-Bromophenyl-phenylether
Concen: 3.78 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.27 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:248 Resp: 12332

Ion	Ratio	Lower	Upper
248	100		
250	194.1	77.1	115.7#
141	267.6	50.6	76.0#



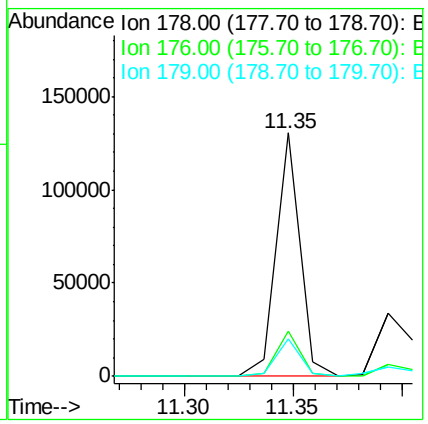


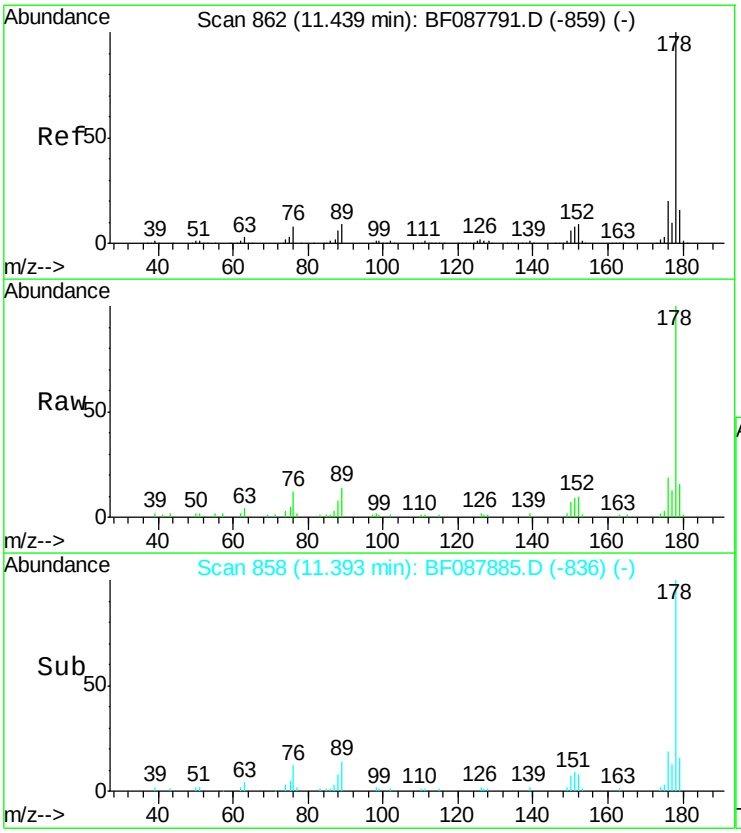
#70
Phenanthrene
Concen: 6.38 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:178 Resp: 101751

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	15.3	13.0	19.4

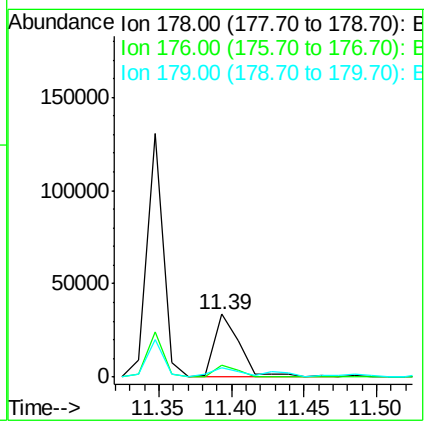


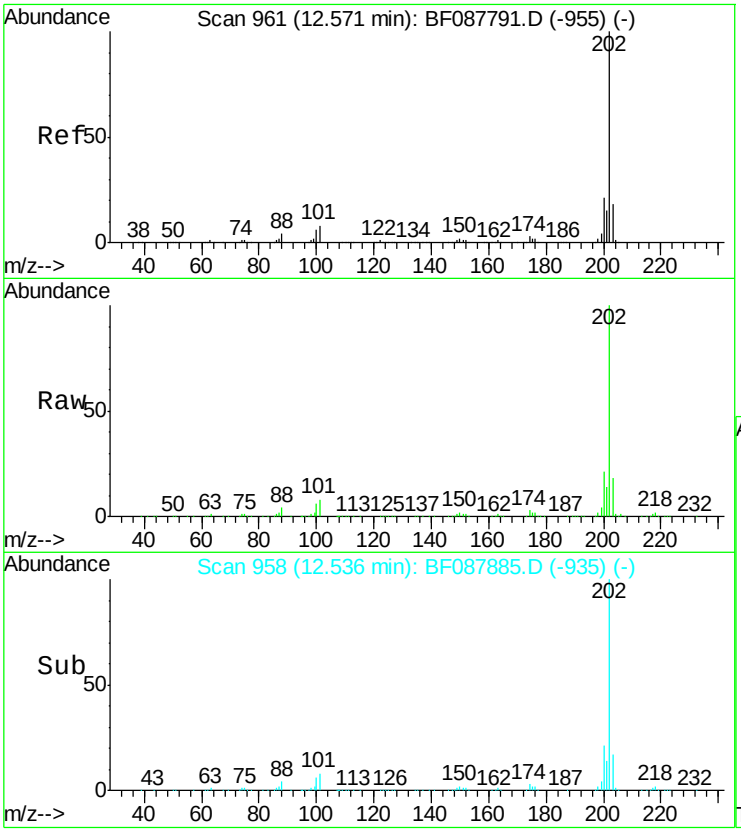


#71
Anthracene
Concen: 2.44 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.05 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:178 Resp: 39231

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.6	12.8	19.2



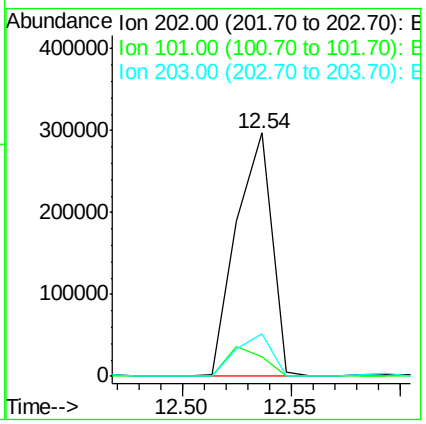


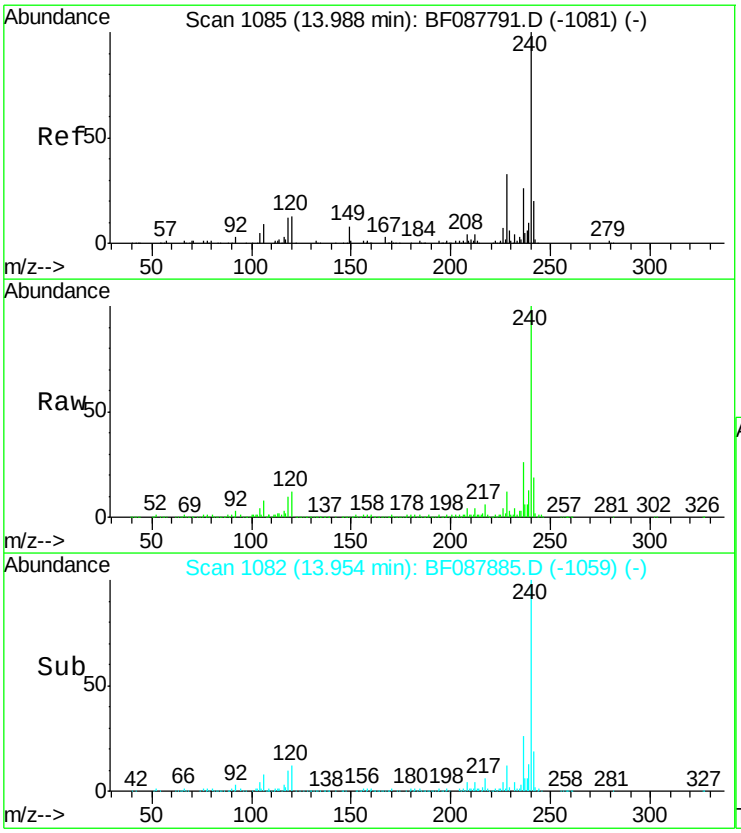
#74
Fluoranthene
Concen: 20.10 ng
RT: 12.54 min Scan# 958
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:202 Resp: 338337

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	33.1
203	17.5	0.0	38.1

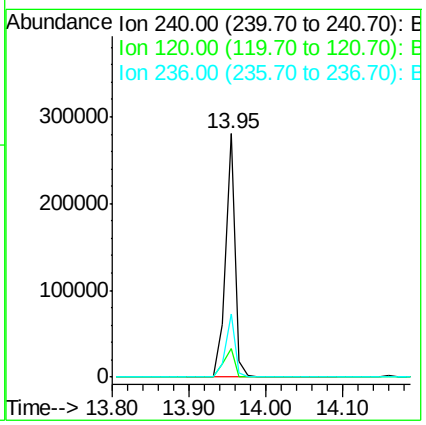


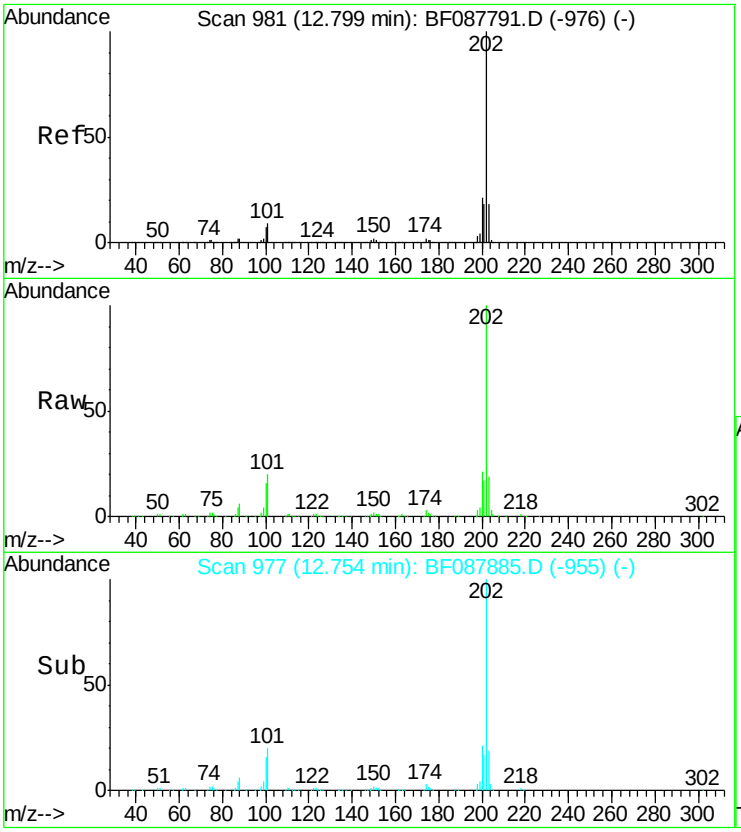


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:240 Resp: 251424

Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	25.7	20.2	30.2



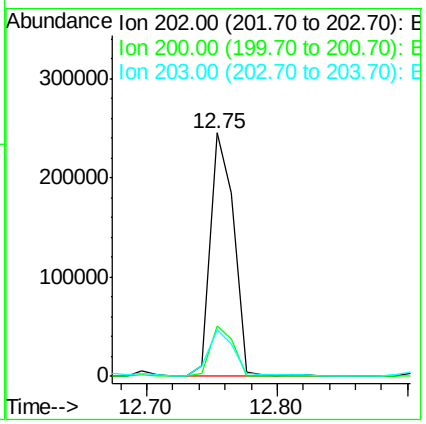


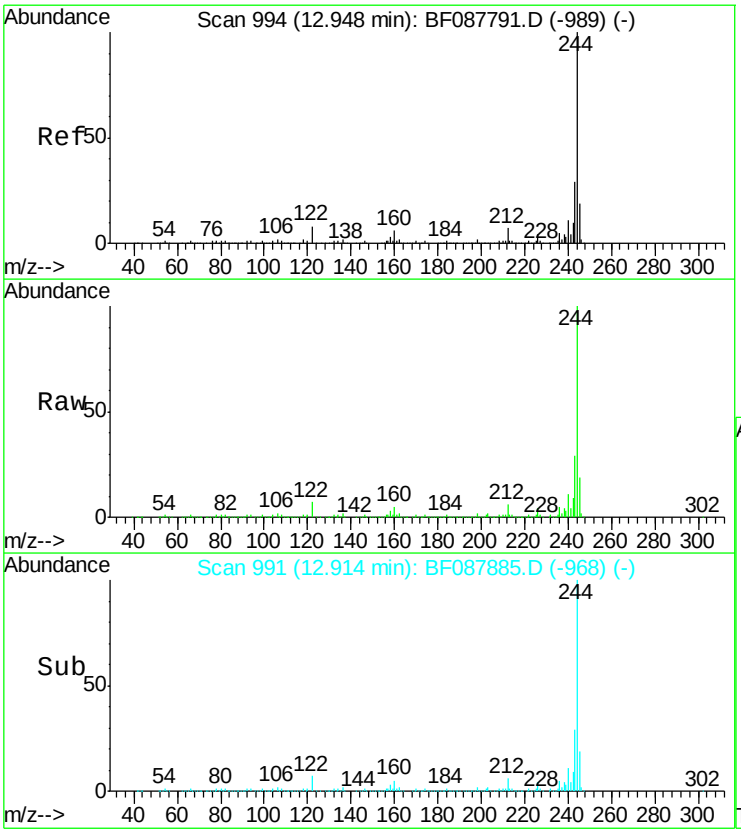
#77
Pyrene
Concen: 16.43 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.05 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:202 Resp: 306570

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	19.0	14.5	21.7

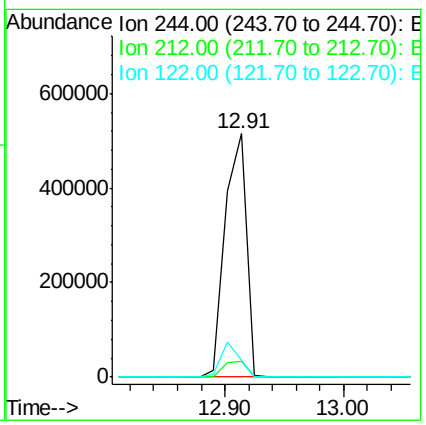


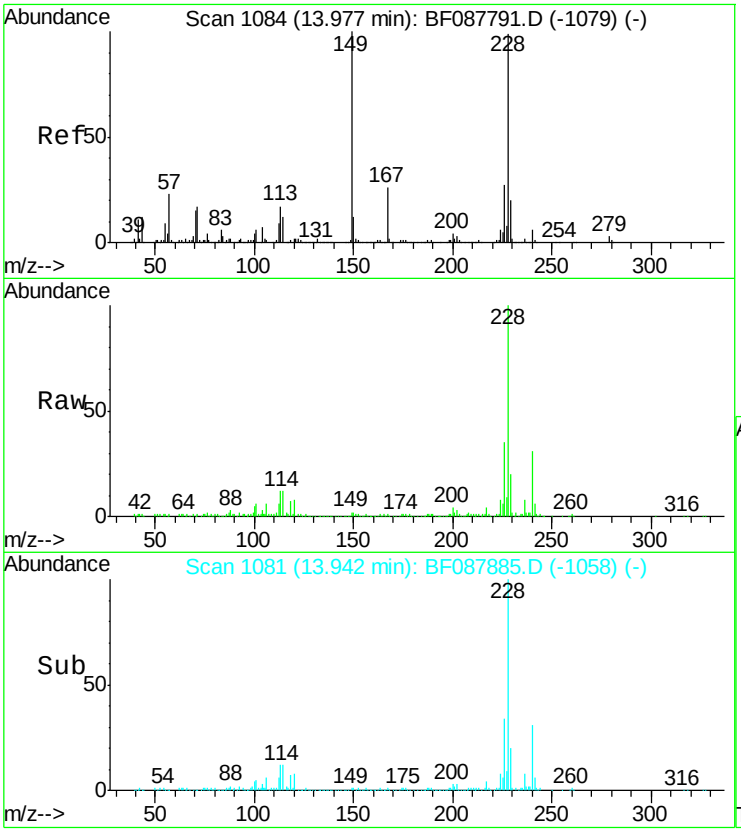


#78
Terphenyl-d14
Concen: 57.62 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:244 Resp: 636631

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	7.1	11.2	16.8#



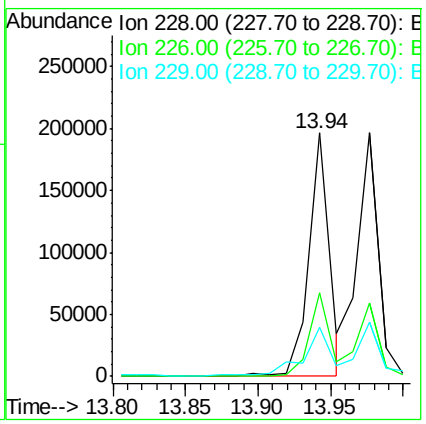


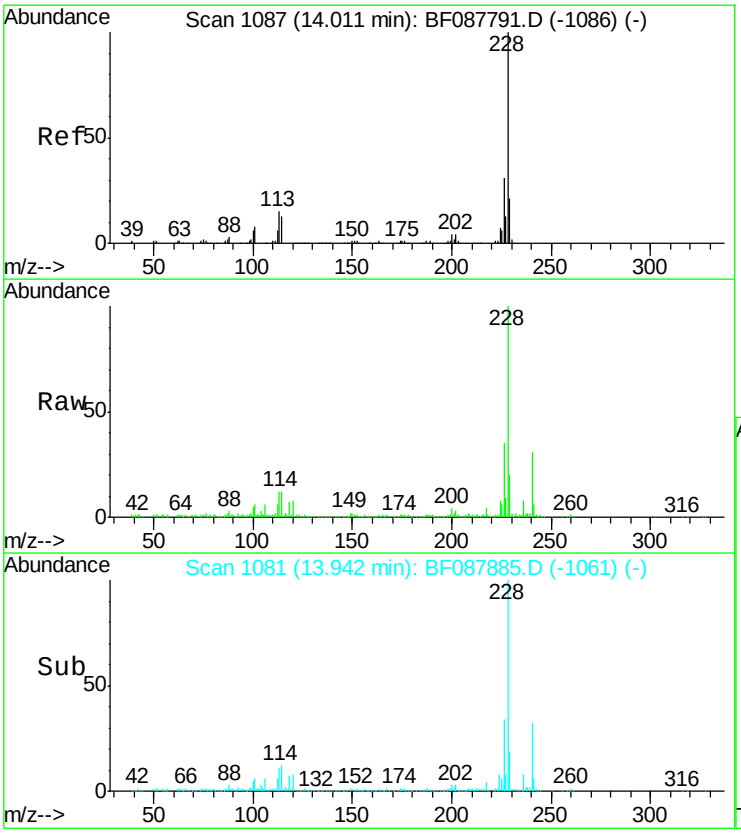
#80
Benzo(a)anthracene
Concen: 13.29 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:228 Resp: 190416

Ion	Ratio	Lower	Upper
228	100		
226	34.5	22.3	33.5#
229	20.0	16.0	24.0

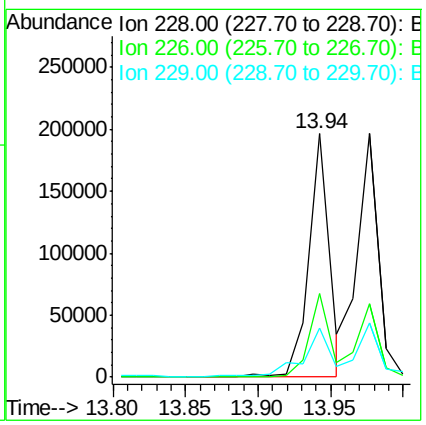


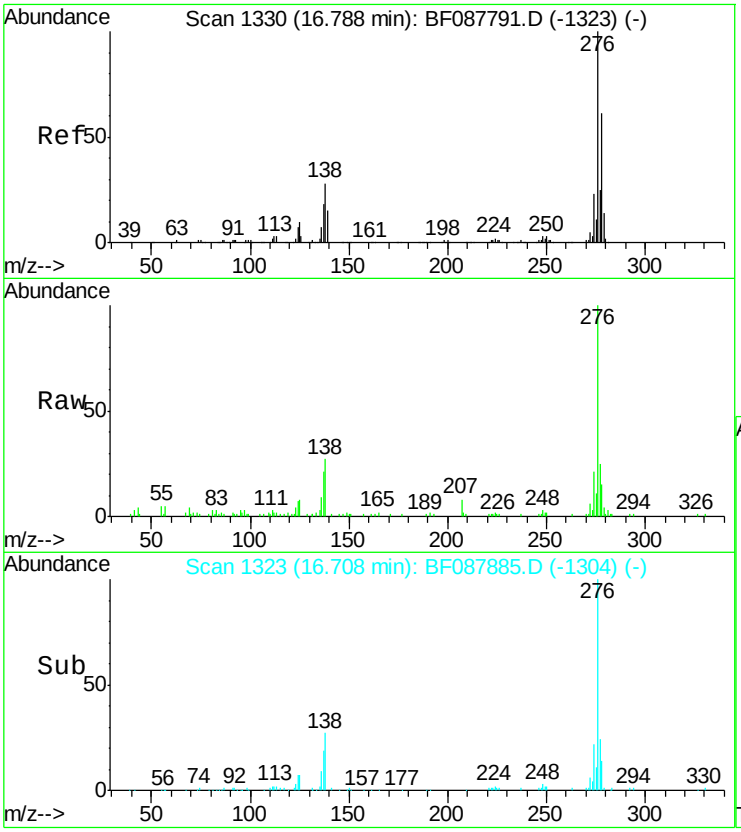


#82
Chrysene
Concen: 14.13 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.07 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:228 Resp: 190416

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.4	38.2
229	20.0	16.3	24.5



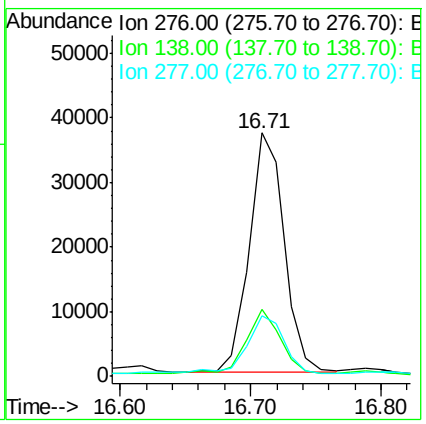


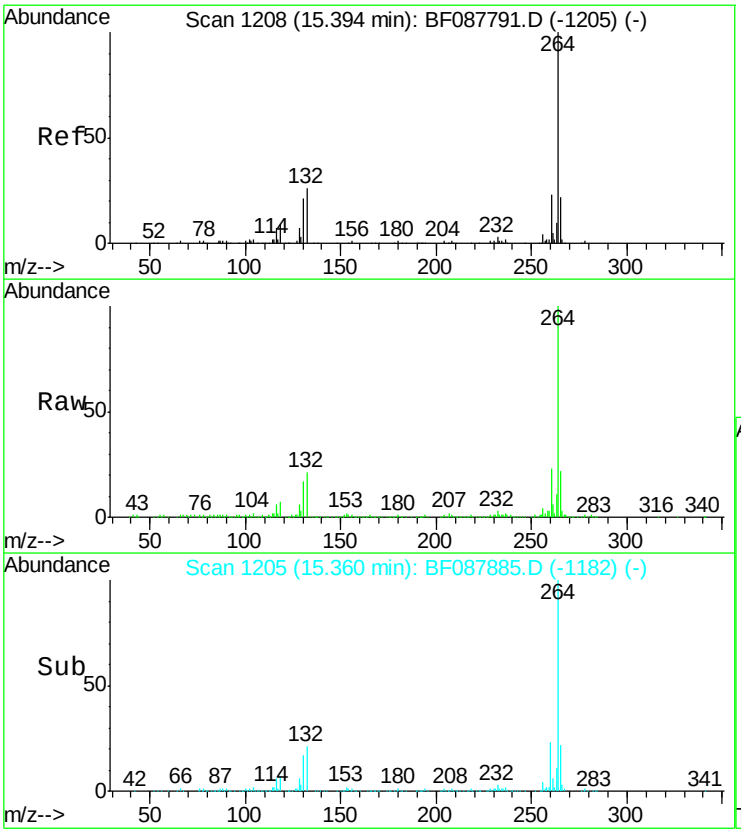
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.55 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.08 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:276 Resp: 69548

Ion	Ratio	Lower	Upper
276	100		
138	27.0	0.0	0.0#
277	32.2	0.0	0.0#

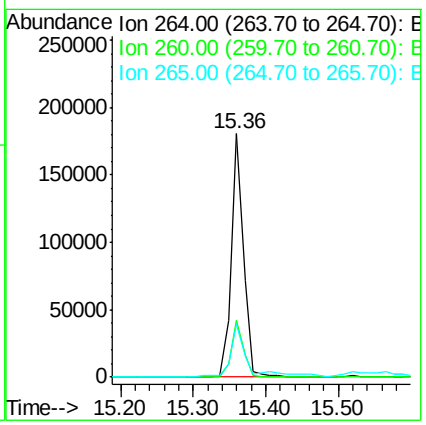


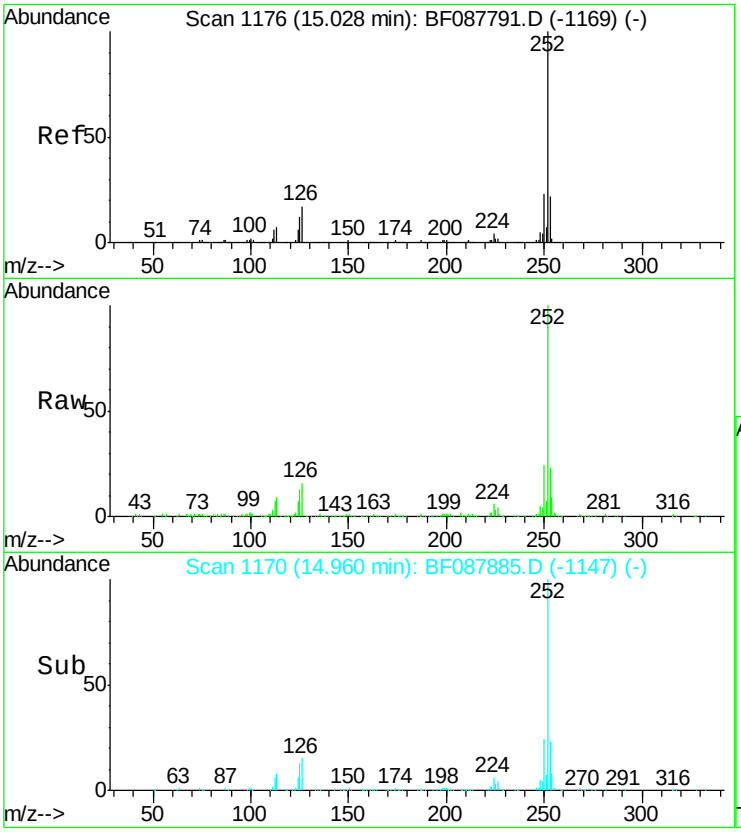


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:264 Resp: 211966

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	16.9	25.3



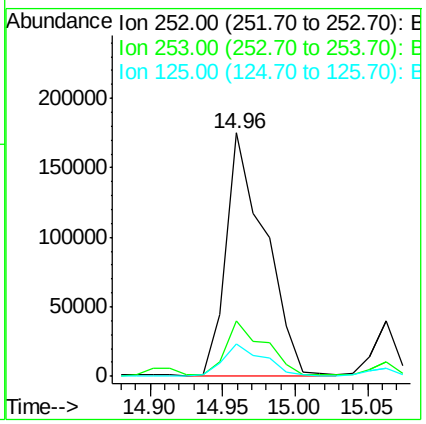


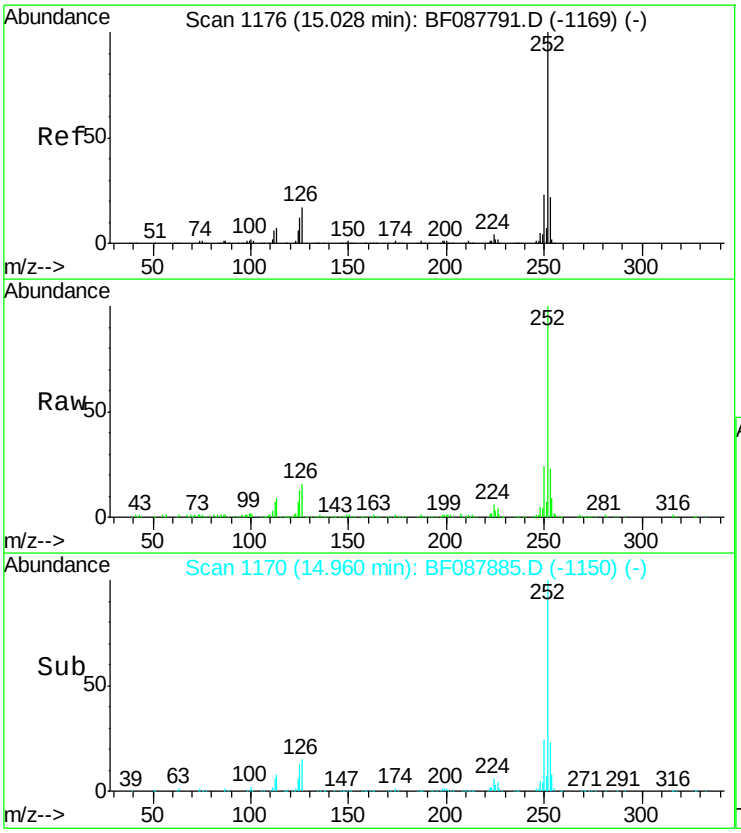
#87
Benzo(b)fluoranthene
Concen: 22.06 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:252 Resp: 325949

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.4	7.1	10.7#

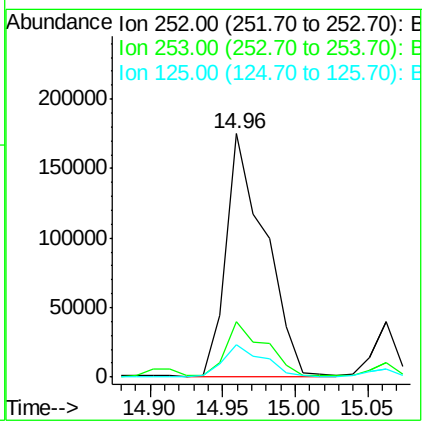


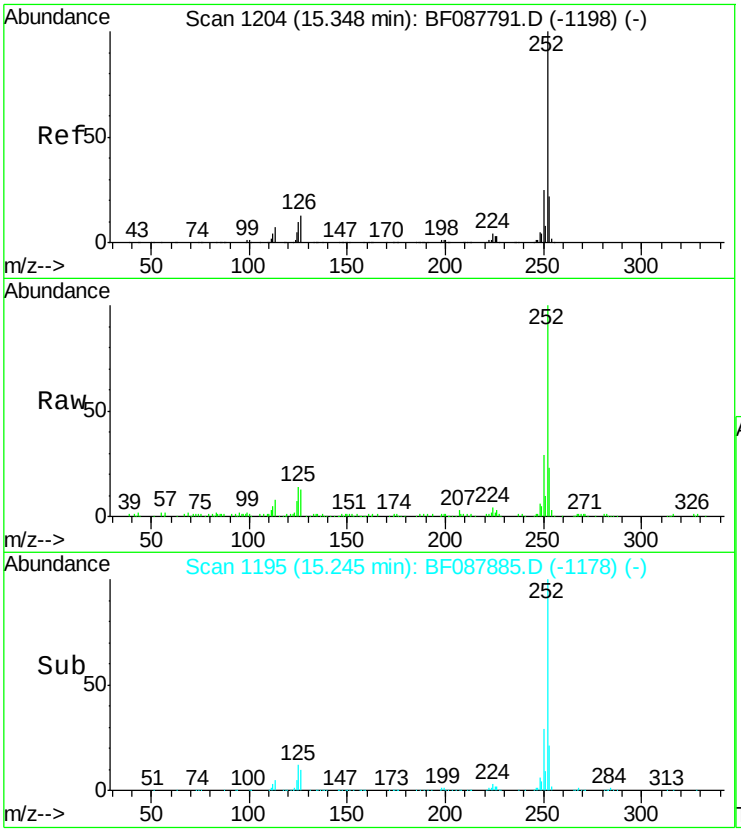


#88
Benzo(k)fluoranthene
Concen: 29.25 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:252 Resp: 325949

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	13.4	11.2	16.8



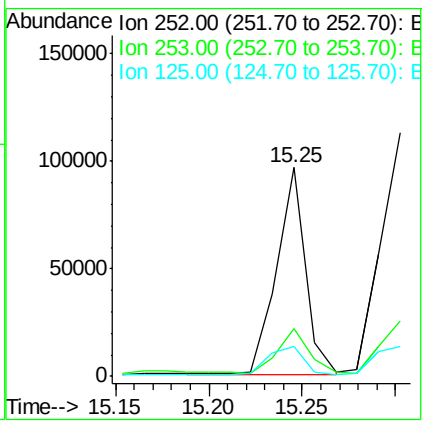


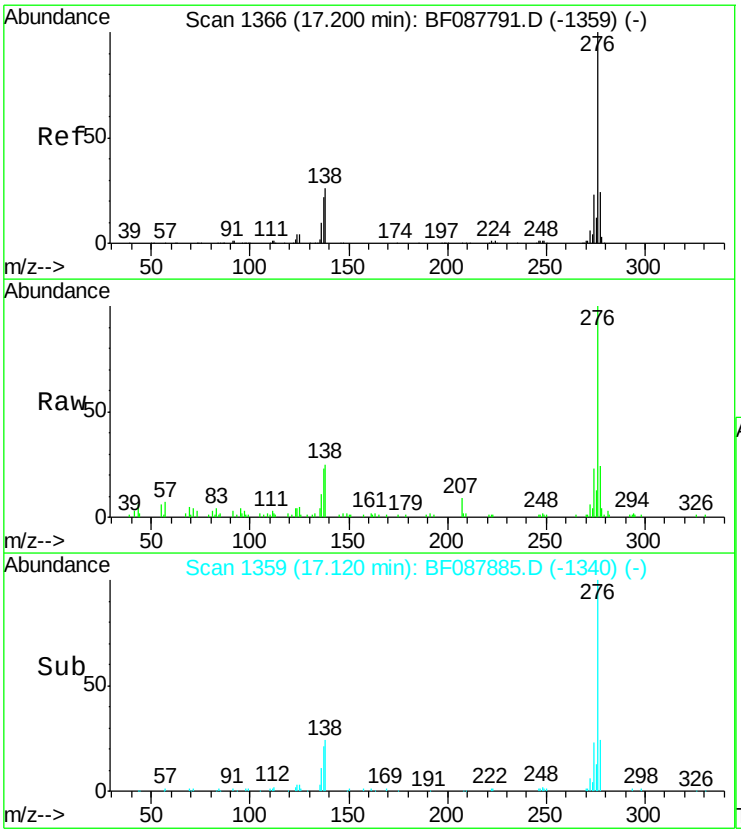
#89
Benzo(a)pyrene
Concen: 8.81 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.10 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Instrument :
BNA_F
ClientSampleId :
STA-938-PLATFORM(0-4)

Tgt Ion:252 Resp: 105259

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.4	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 5.35 ng
RT: 17.12 min Scan# 1359
Delta R.T. -0.08 min
Lab File: BF087885.D
Acq: 10 Jun 2016 20:19

Tgt Ion:276 Resp: 61049

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.9	28.3
138	25.3	21.4	32.2