Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088683.D
Acq On : 4 Jul 2016 9:13
Operator : UM/SJ
Sample : H3849-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : F12-B1(5-11)C

Quant Time: Jul 05 00:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105266	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	345545	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	173456	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	301793	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	213683	20.00	ng		-0.03
86) Perylene-d12	15.31	264	184695	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	656209	93.43	ng		-0.02
7) Phenol-d6	6.43	99	917189	101.06	ng		-0.01
23) Nitrobenzene-d5	7.37	82	569149	86.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	166005	103.06	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	956944	87.14	ng		-0.02
78) Terphenyl-d14	12.88	244	610928	63.68	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.33	77	911189	148.22	ng	#	1
15) Benzyl Alcohol	6.95	79	19226	2.88	ng	#	47
17) 2-Methylphenol	7.08	107	24030	3.90	ng	#	1
18) Hexachloroethane	7.30	117	341223	106.99	ng	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	62730	10.29	ng	#	50
22) Acetophenone	7.20	105	1128464	134.55	ng	#	62
24) Nitrobenzene	7.35	77	285960	43.01	ng	#	17
31) Naphthalene	8.11	128	2978553	174.85	ng		97
33) 4-Chloroaniline	8.11	127	467702	61.71	ng	#	39
35) Caprolactam	8.51	113	6691	4.29	ng	#	1
37) 2-Methylnaphthalene	8.80	142	1699927	154.98	ng	#	91
45) 1,1'-Biphenyl	9.24	154	88476	6.16	ng		99
49) Dimethylphthalate	9.54	163	95867	7.76	ng		100
51) Acenaphthene	9.85	154	221887	20.18	ng		99
54) Dibenzofuran	10.02	168	236468	16.43	ng	#	89
57) Fluorene	10.36	166	259990	23.44	ng		98
66) 4-Bromophenyl-phenylether	10.60	248	11526	3.79	ng	#	1
70) Phenanthrene	11.32	178	671794	40.72	ng		99
71) Anthracene	11.37	178	147983	9.02	ng		98
72) Carbazole	11.52	167	57847	3.75	ng		98
74) Fluoranthene	12.52	202	248429	14.85	ng		96
77) Pyrene	12.73	202	173609	9.58	ng		99
80) Benzo(a)anthracene	13.91	228	51374	3.73	ng		96
82) Chrysene	13.91	228	51374	3.77	ng		95
87) Benzo(b)fluoranthene	14.93	252	44850	3.87	ng	#	85
88) Benzo(k)fluoranthene	14.93	252	44850	4.45	ng	#	90
89) Benzo(a)pyrene	15.26	252	20847	2.13	ng	#	92

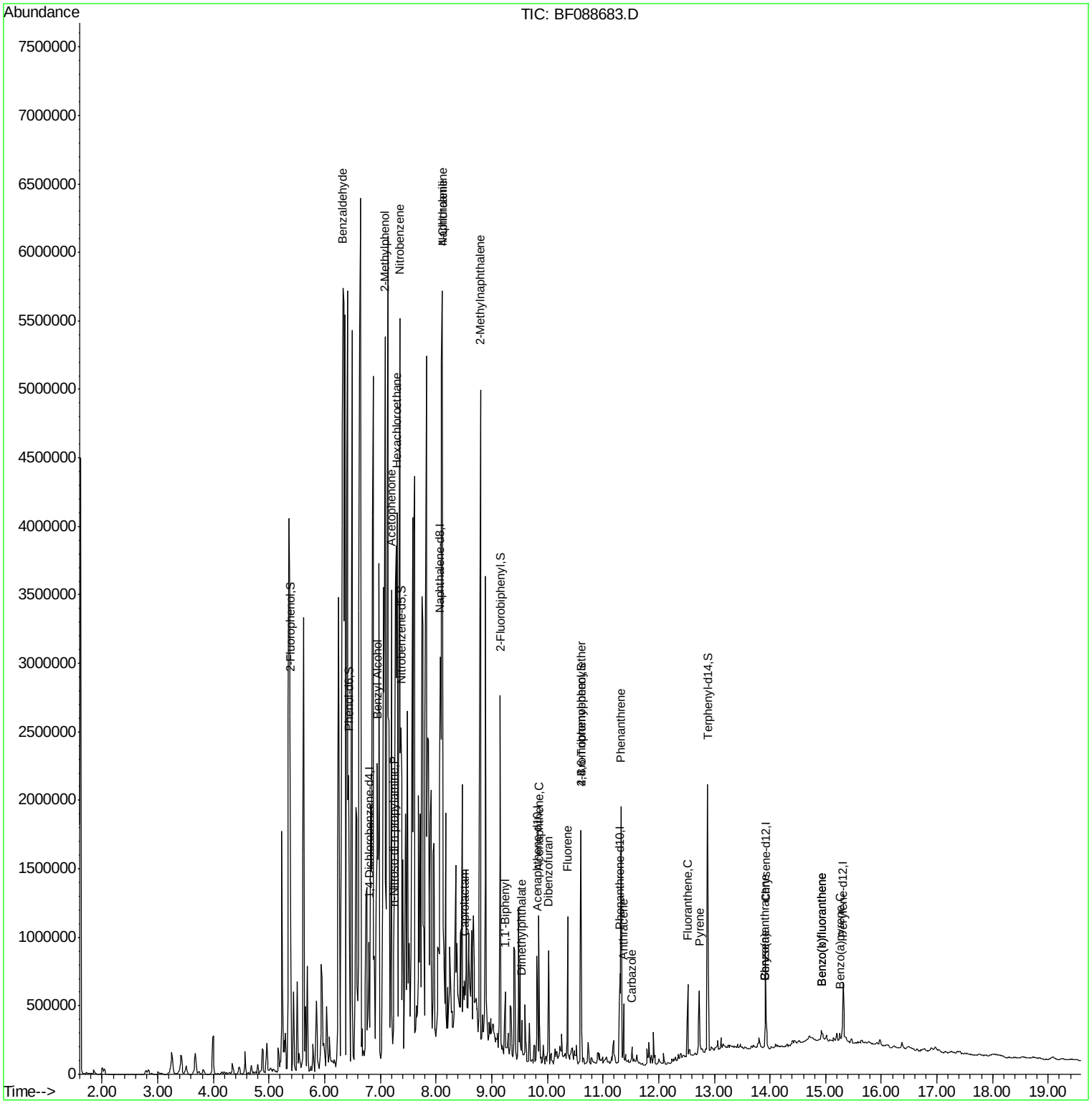
(#) = qualifier out of range (m) = manual integration (+) = signals summed

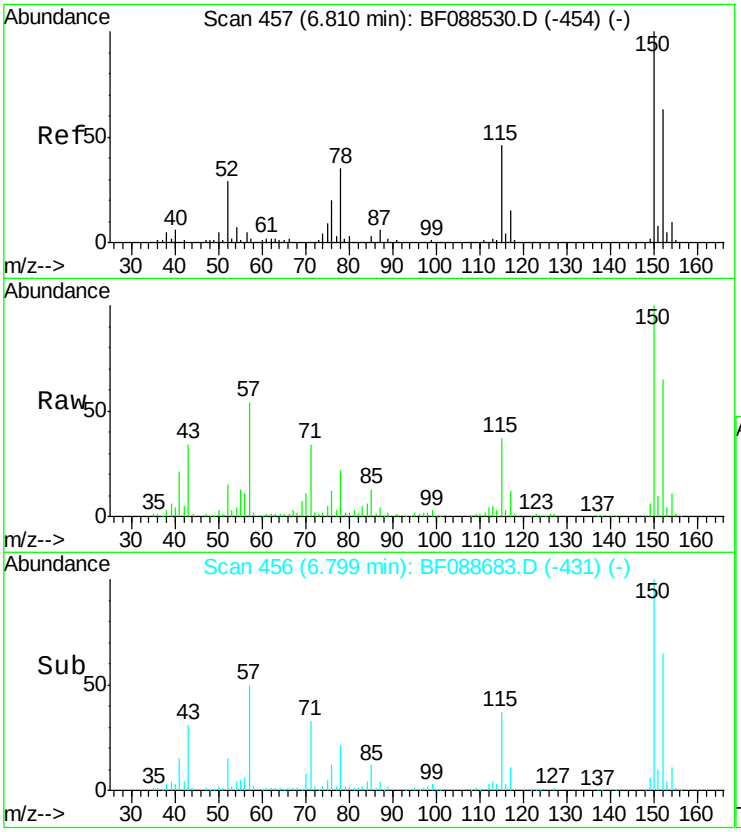
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070316\
Data File : BF088683.D
Acq On : 4 Jul 2016 9:13
Operator : UM/SJ
Sample : H3849-05
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Quant Time: Jul 05 00:48:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration



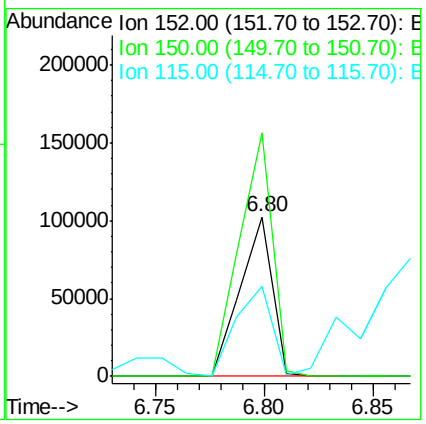


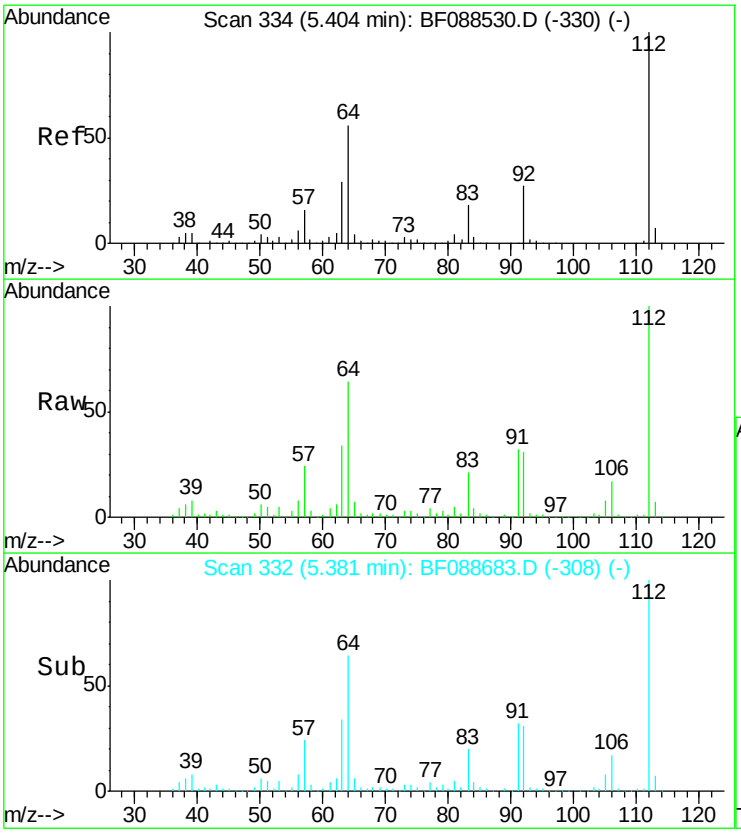
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:152 Resp: 105266

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	56.7	39.6	59.4

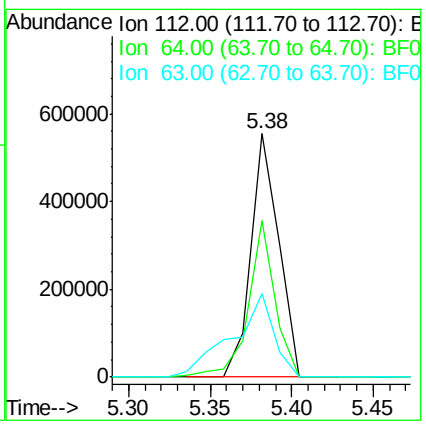


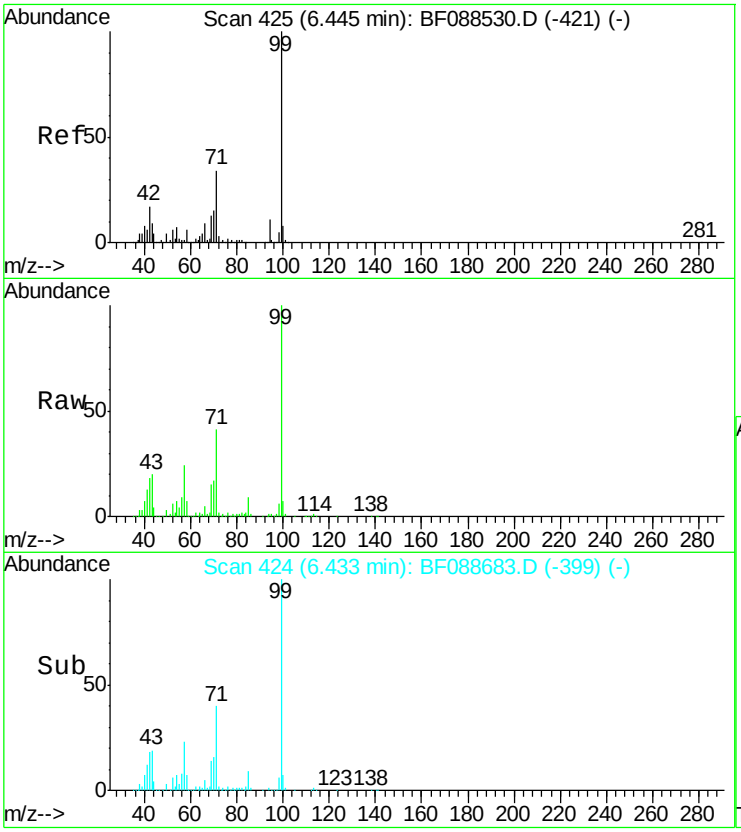


#5
2-Fluorophenol
Concen: 93.43 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:112 Resp: 656209

Ion	Ratio	Lower	Upper
112	100		
64	64.2	42.2	63.2#
63	34.4	21.8	32.8#



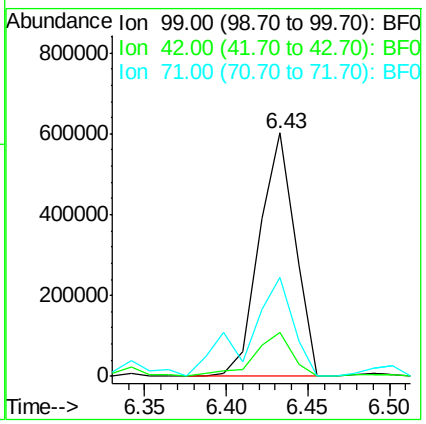


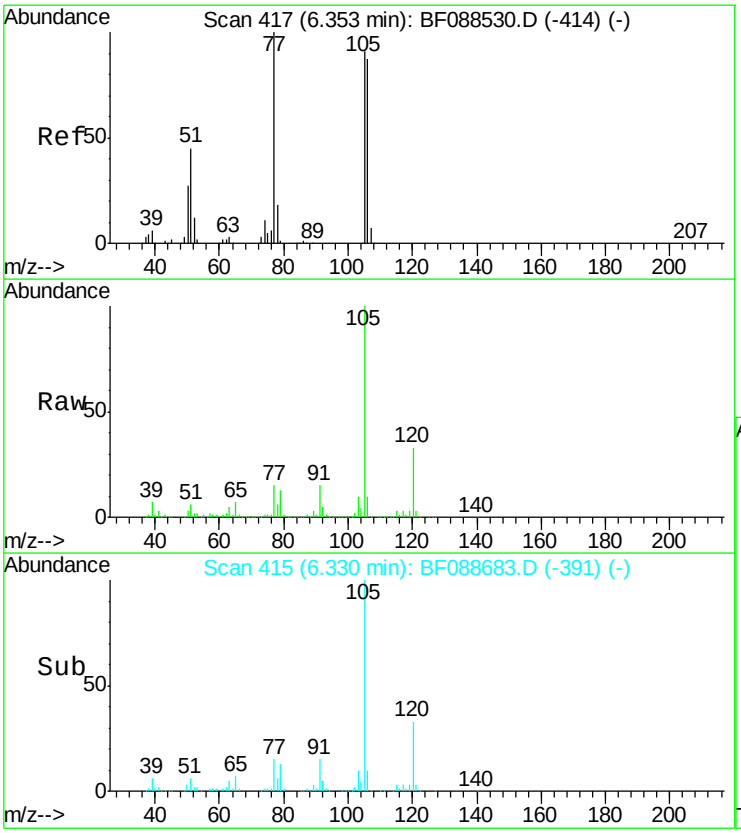
#7
Phenol-d6
Concen: 101.06 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion: 99 Resp: 917189

Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	40.9	23.4	35.0#

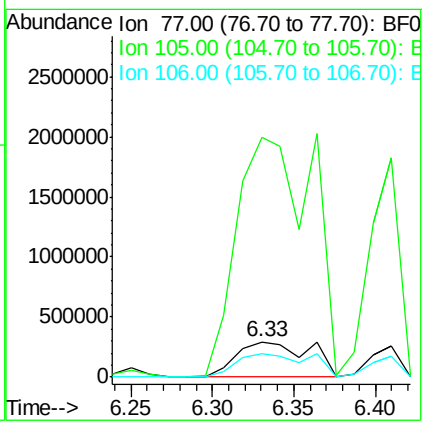


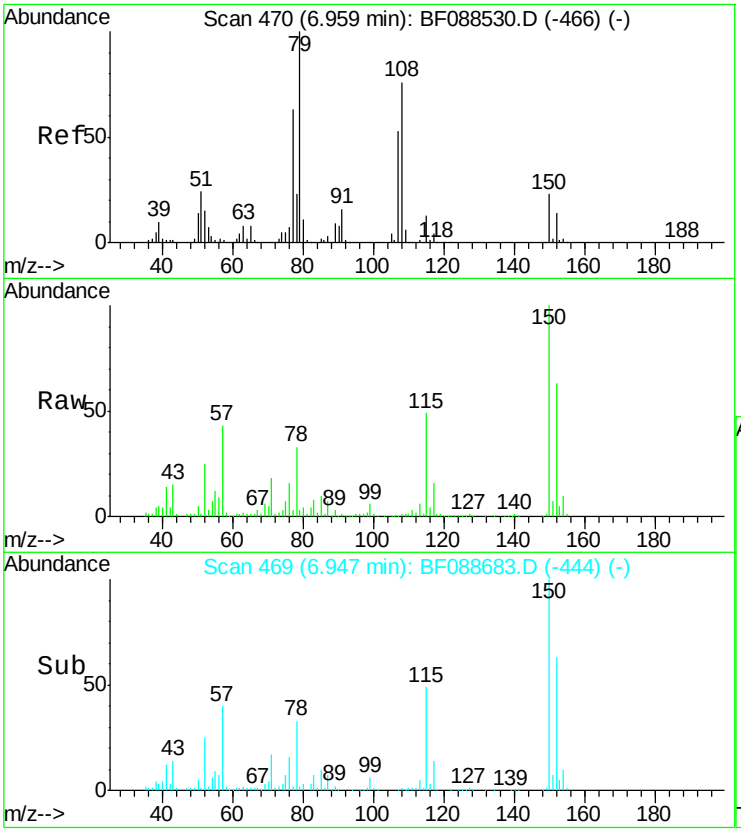


#9
Benzaldehyde
Concen: 148.22 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion: 77 Resp: 911189

Ion	Ratio	Lower	Upper
77	100		
105	675.0	90.6	130.6#
106	67.4	85.3	125.3#



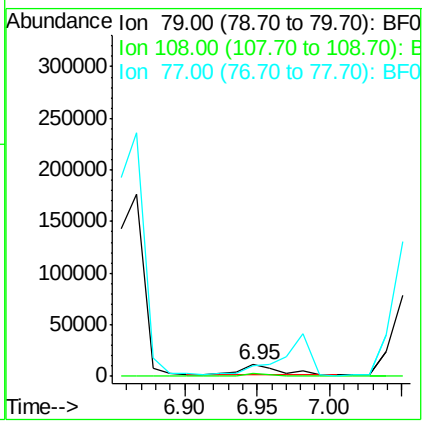


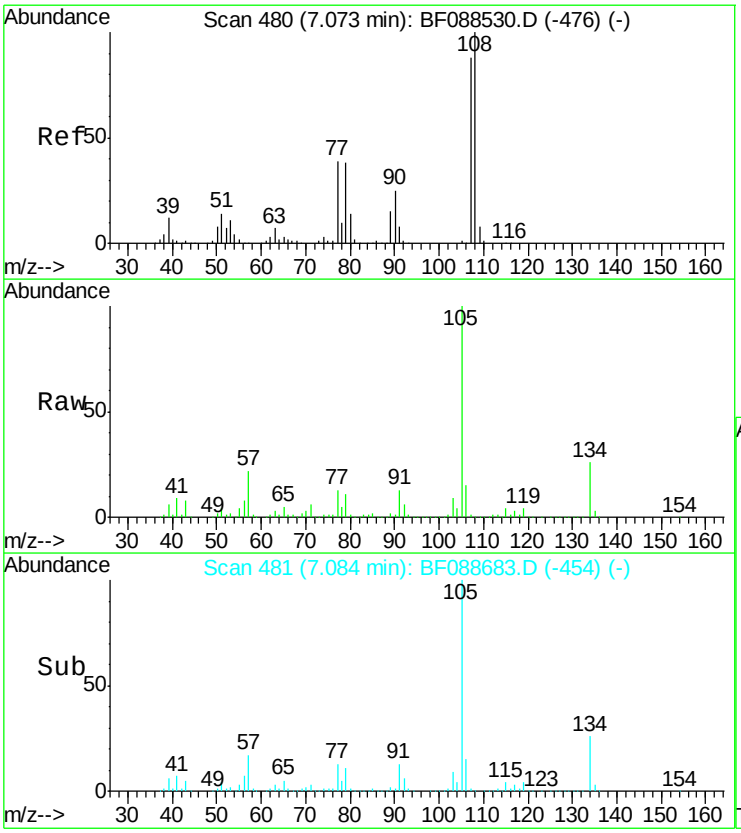
#15
Benzyl Alcohol
Concen: 2.88 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion: 79 Resp: 19226

Ion	Ratio	Lower	Upper
79	100		
108	26.0	65.0	97.6#
77	95.4	50.3	75.5#

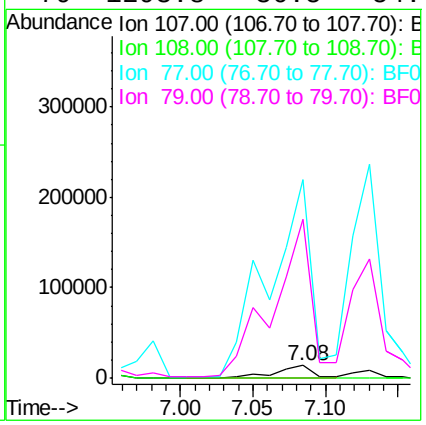


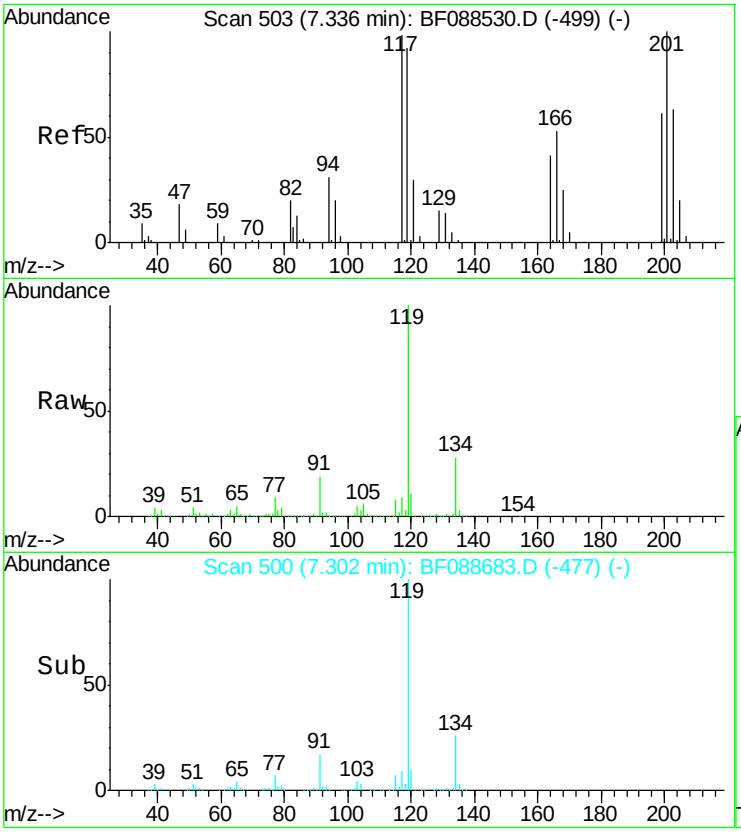


#17
2-Methylphenol
Concen: 3.90 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:107 Resp: 24030

Ion	Ratio	Lower	Upper
107	100		
108	4.1	90.9	136.3#
77	1609.9	36.6	55.0#
79	1293.8	36.5	54.7#



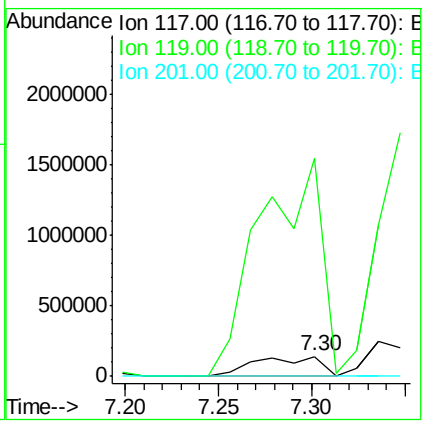


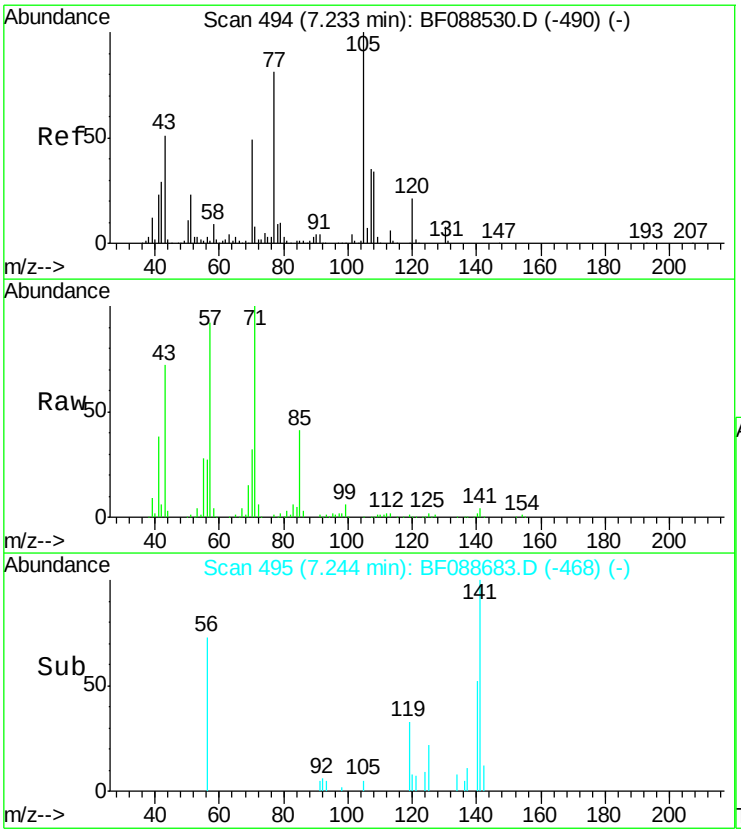
#18
Hexachloroethane
Concen: 106.99 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:117 Resp: 341223

Ion	Ratio	Lower	Upper
117	100		
119	1096.2	77.4	116.2#
201	0.0	80.4	120.6#

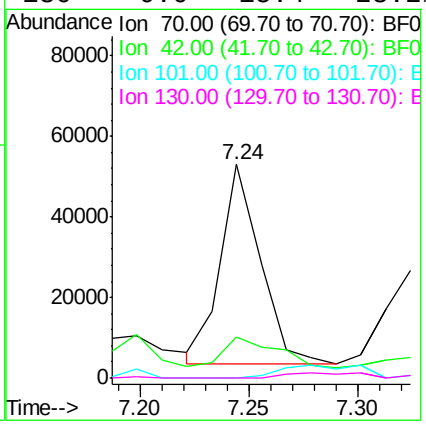


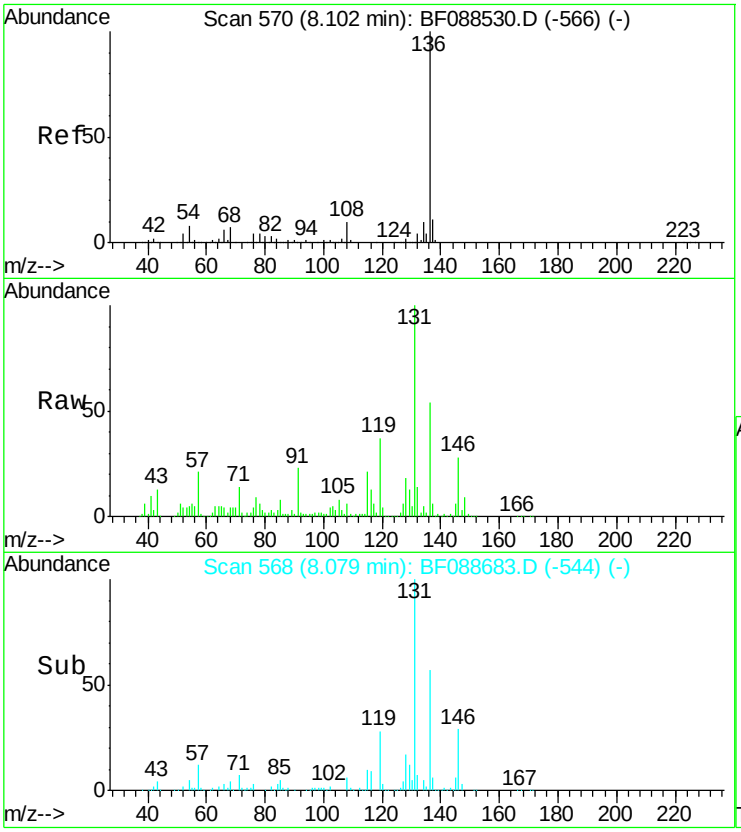


#19
n-Nitroso-di-n-propylamine
Concen: 10.29 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion: 70 Resp: 62730

Ion	Ratio	Lower	Upper
70	100		
42	19.1	49.6	74.4#
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



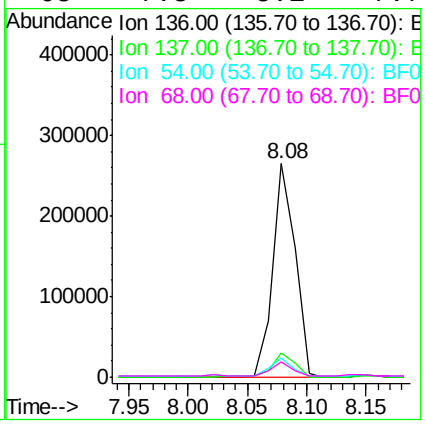


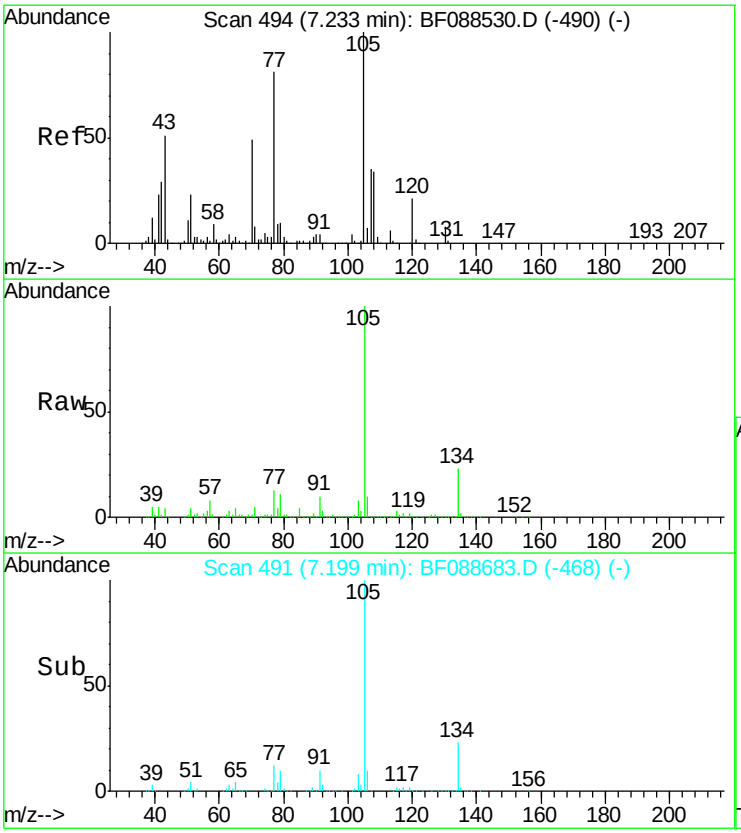
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:136 Resp: 345545

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	7.3	5.1	7.7

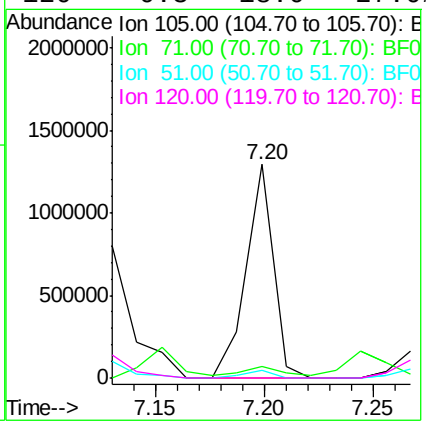


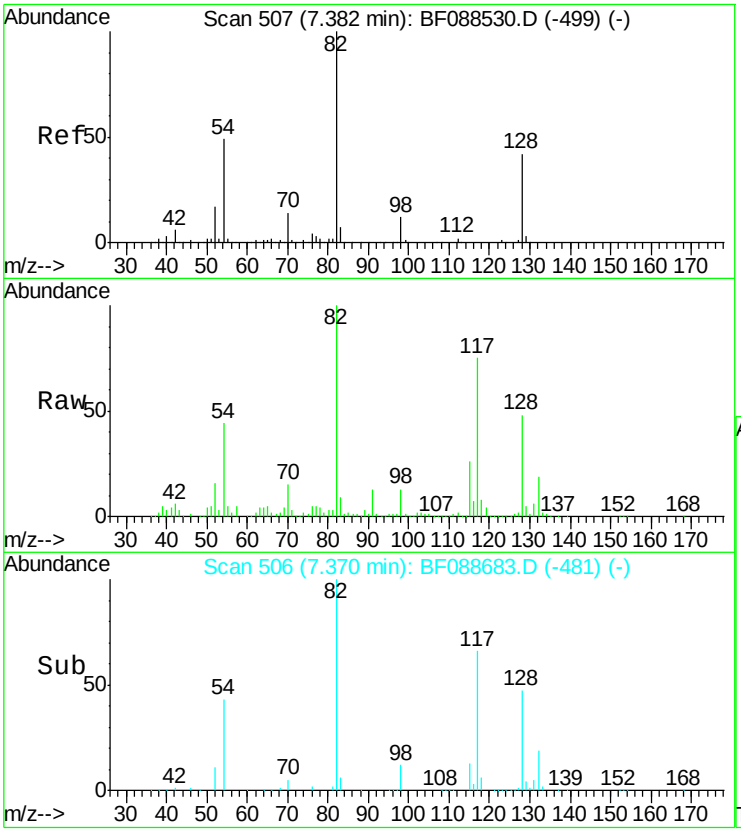


#22
Acetophenone
Concen: 134.55 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:105 Resp: 1128464

Ion	Ratio	Lower	Upper
105	100		
71	5.1	5.3	7.9#
51	3.9	18.2	27.4#
120	0.3	18.0	27.0#



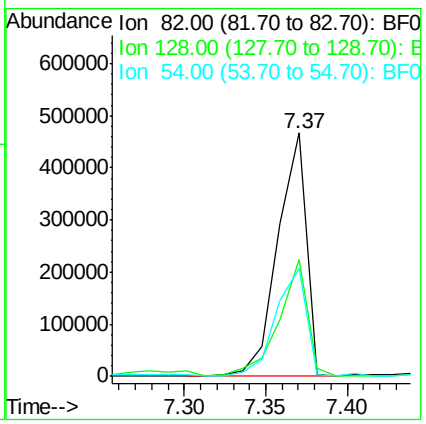


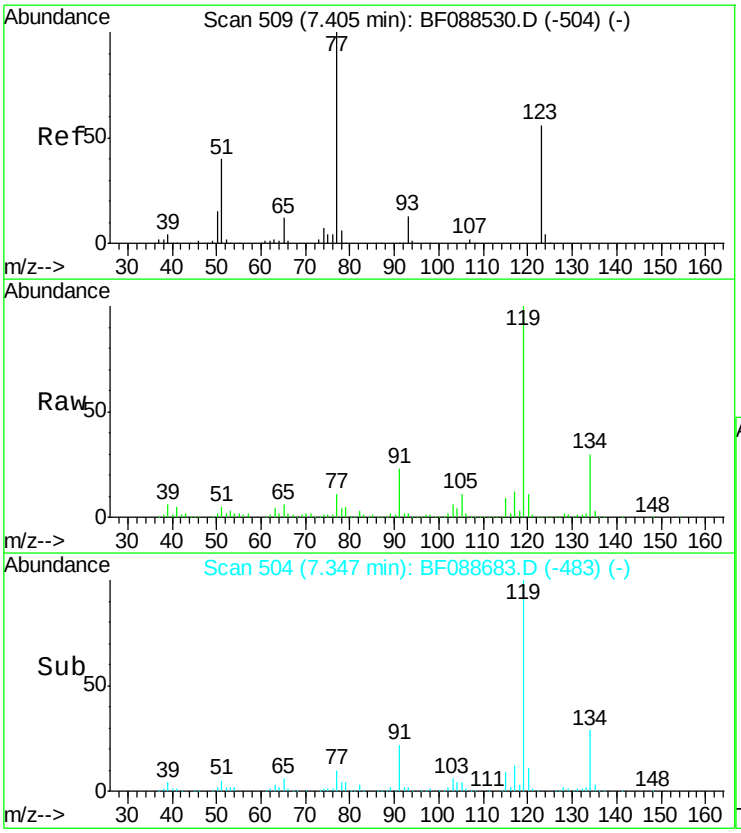
#23
Nitrobenzene-d5
Concen: 86.32 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion: 82 Resp: 569149

Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.9	53.9
54	44.2	40.9	61.3

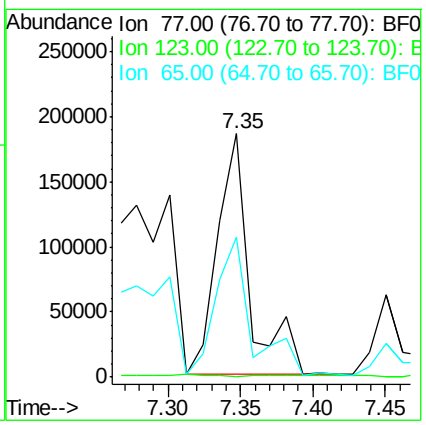


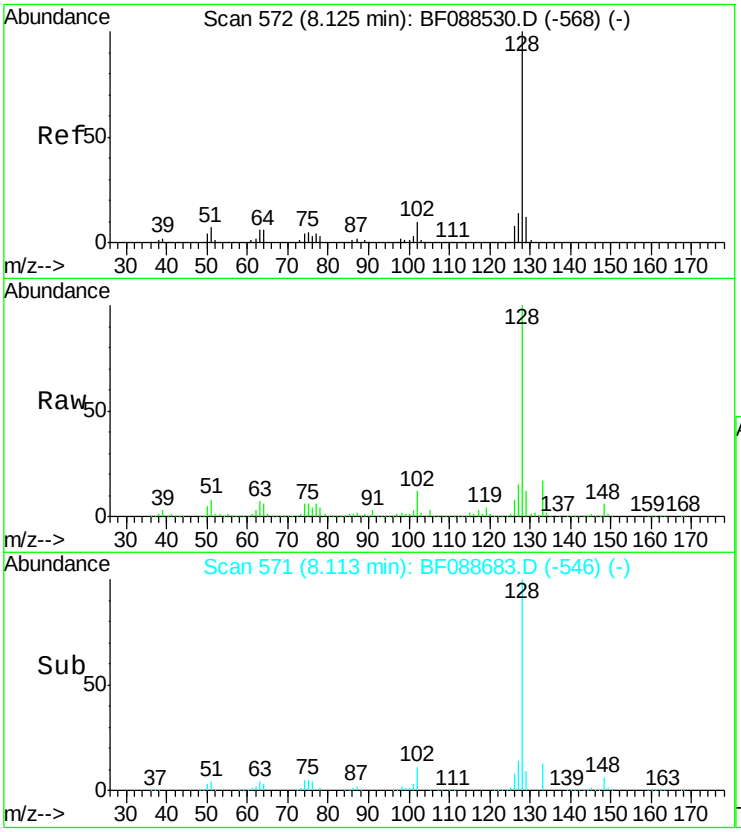


#24
Nitrobenzene
Concen: 43.01 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.06 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion: 77 Resp: 285960

Ion	Ratio	Lower	Upper
77	100		
123	0.4	45.0	67.4#
65	57.4	10.2	15.2#



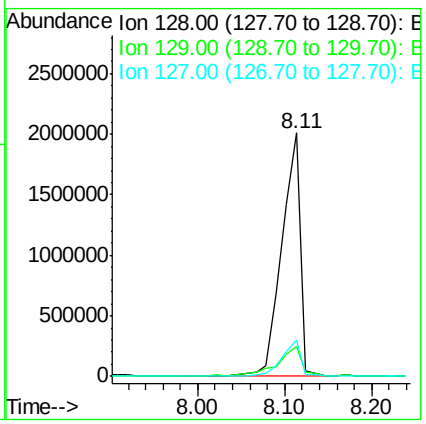


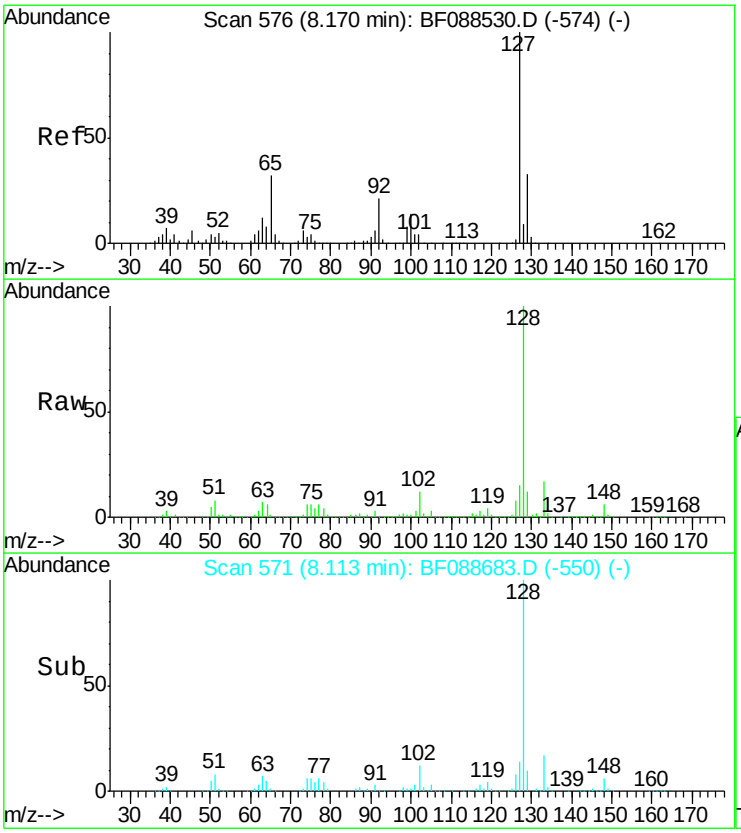
#31
Naphthalene
Concen: 174.85 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:128 Resp: 2978553

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.4	14.2
127	14.9	10.9	16.3

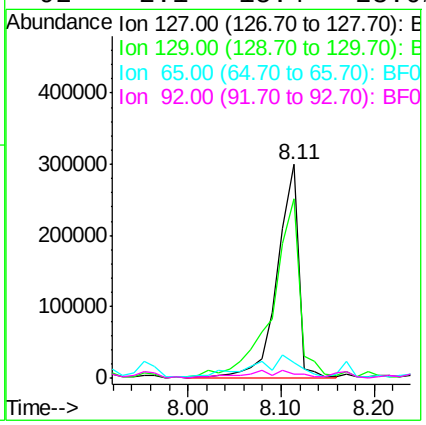


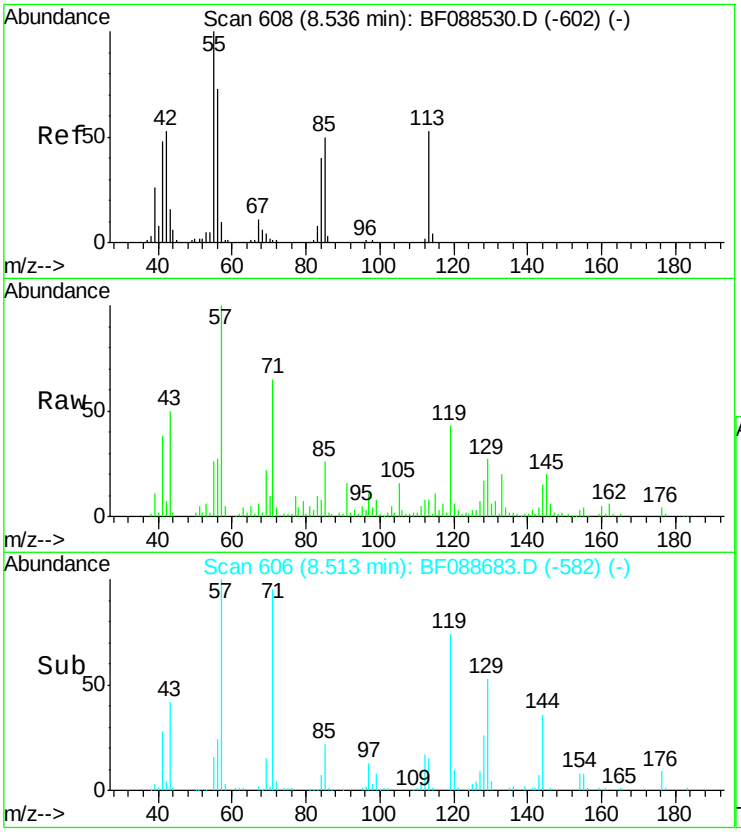


#33
4-Chloroaniline
Concen: 61.71 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.06 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:127 Resp: 467702

Ion	Ratio	Lower	Upper
127	100		
129	83.8	26.3	39.5#
65	7.0	24.7	37.1#
92	2.1	15.4	23.0#



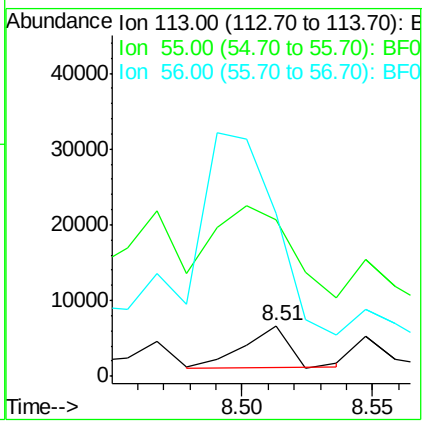


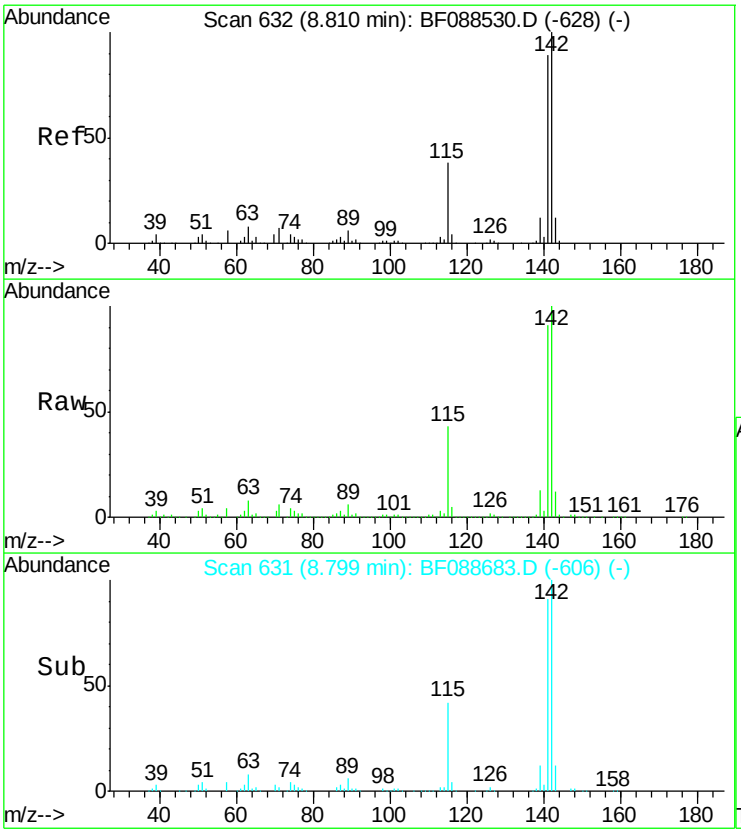
#35
Caprolactam
Concen: 4.29 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:113 Resp: 6691

Ion	Ratio	Lower	Upper
113	100		
55	311.3	158.6	198.6#
56	322.3	110.6	150.6#

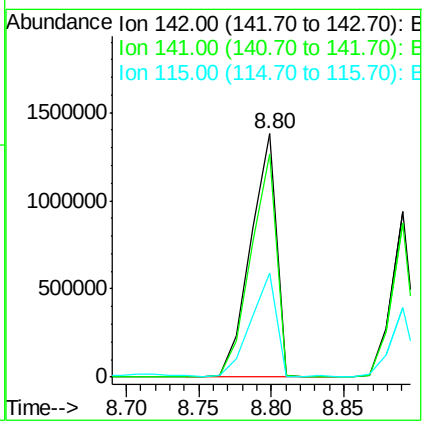


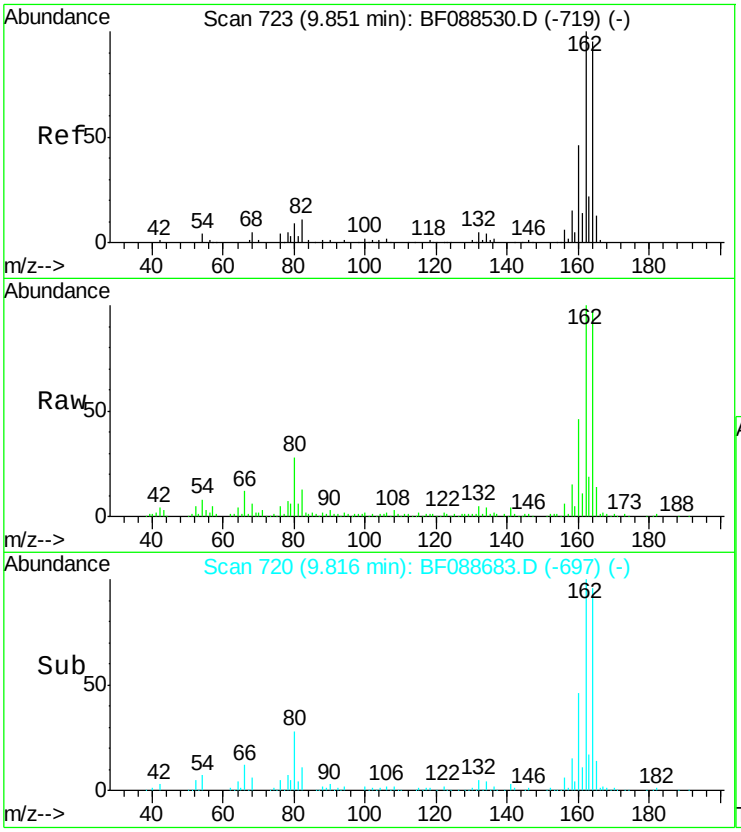


#37
2-Methylnaphthalene
Concen: 154.98 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:142 Resp: 1699927

Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.0	106.6
115	42.9	22.6	33.8#



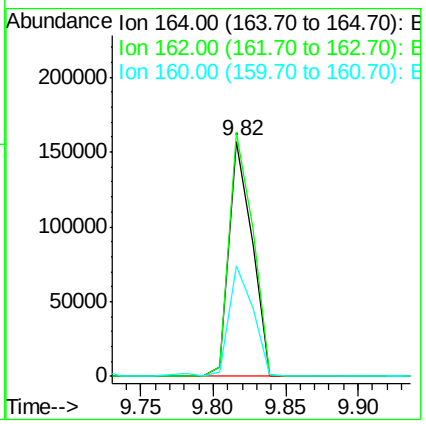


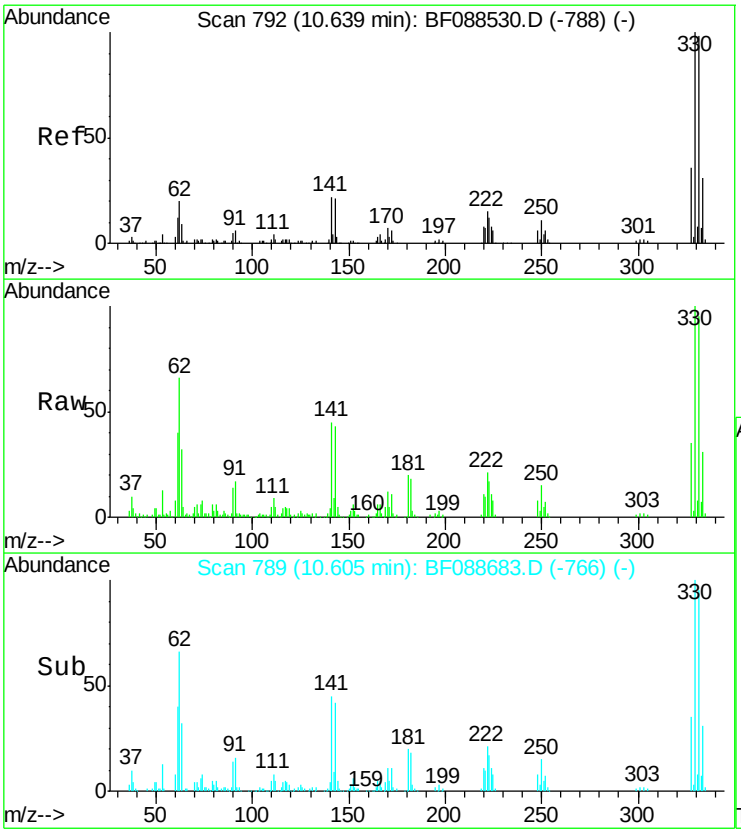
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:164 Resp: 173456

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.2
160	47.3	39.5	59.3

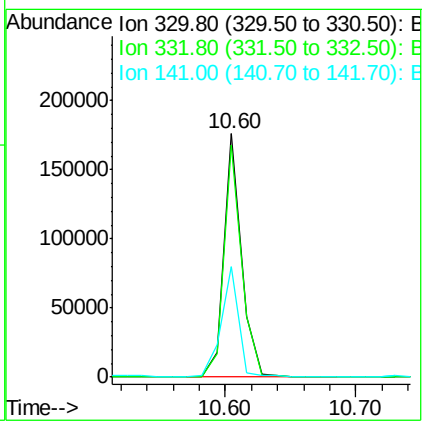


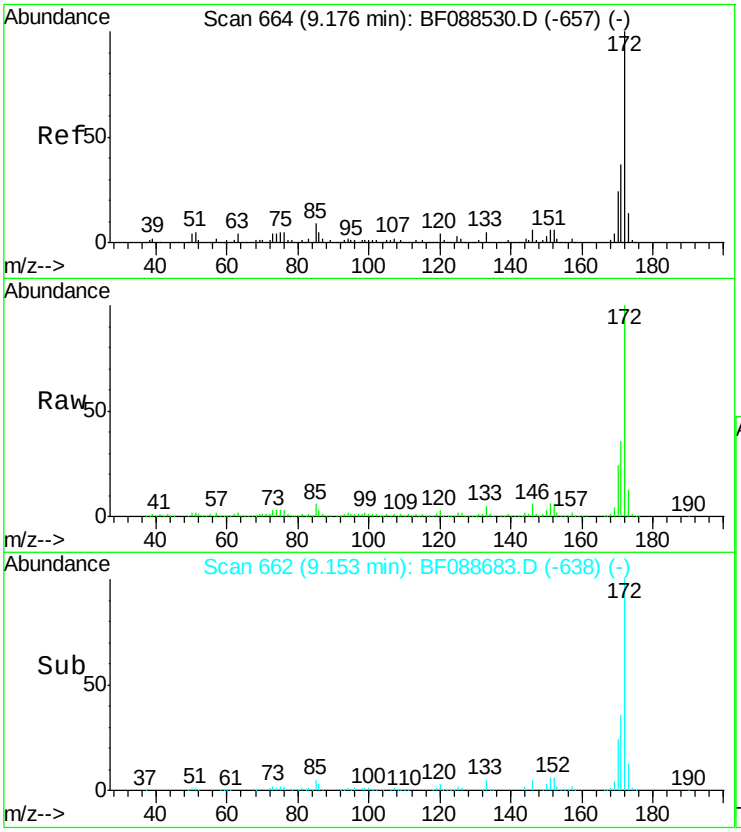


#41
2,4,6-Tribromophenol
Concen: 103.06 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:330 Resp: 166005

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	44.9	0.0	0.0#



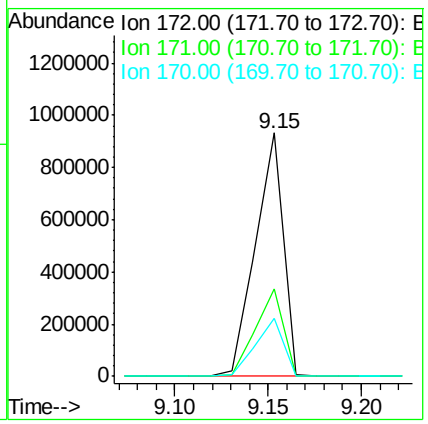


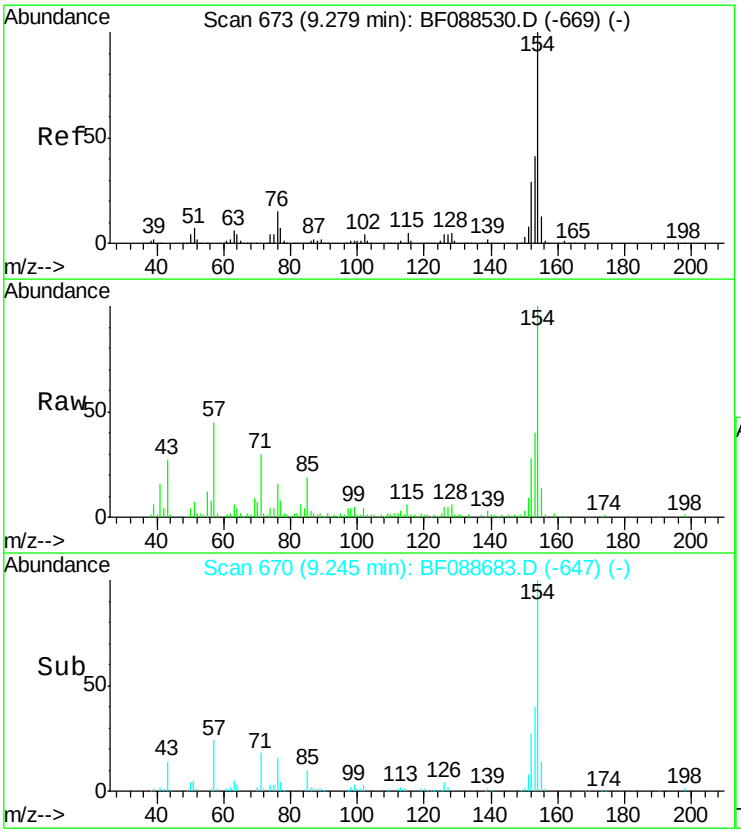
#44
2-Fluorobiphenyl
Concen: 87.14 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:172 Resp: 956944

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.1	19.2	28.8

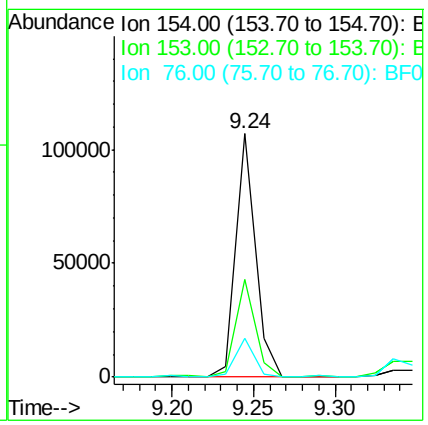


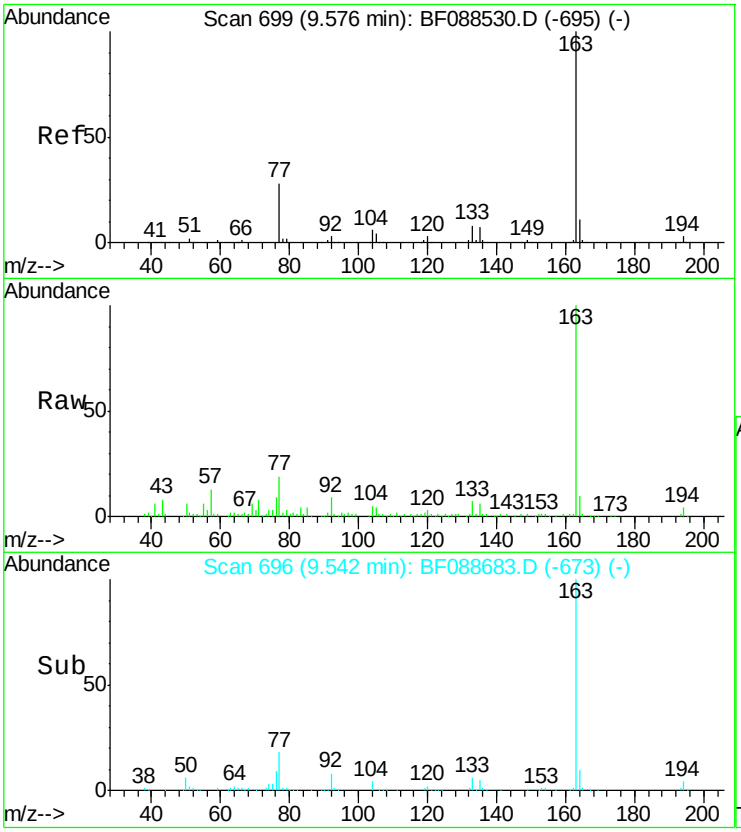


#45
1,1'-Biphenyl
Concen: 6.16 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:154 Resp: 88476

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	16.2	0.0	35.1



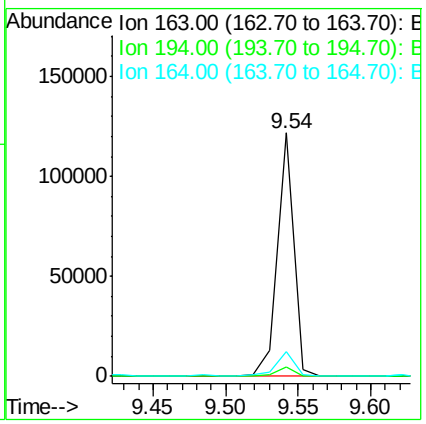


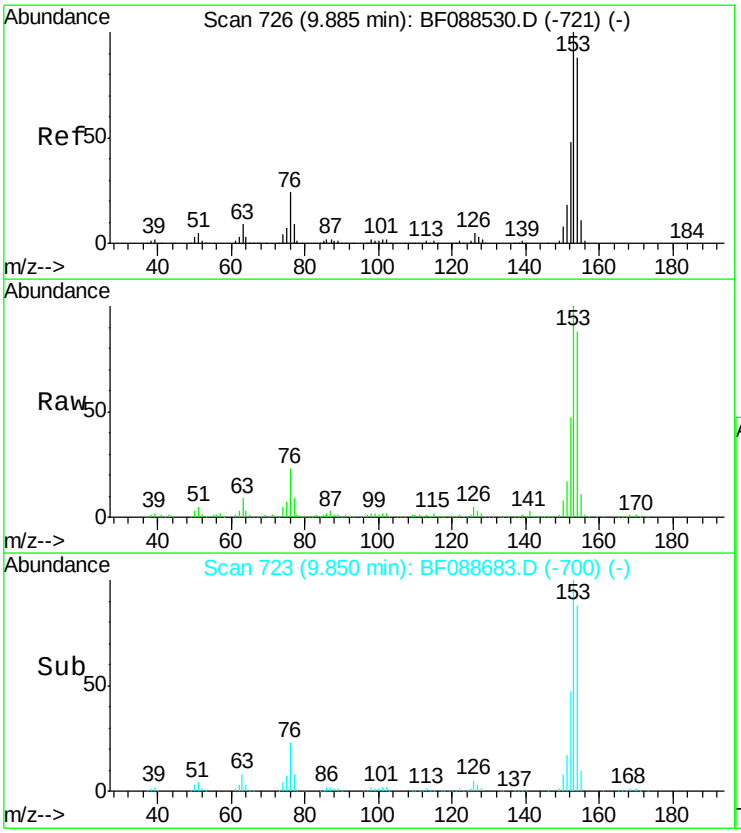
#49
Dimethylphthalate
Concen: 7.76 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:163 Resp: 95867

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.3	8.3	12.5

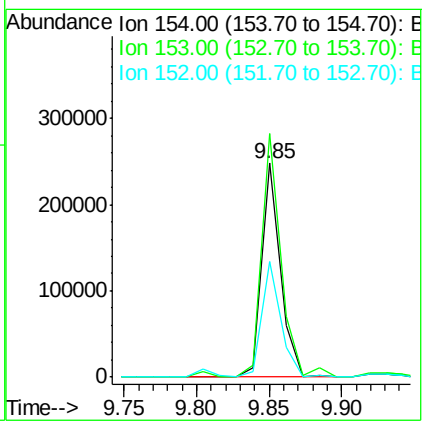


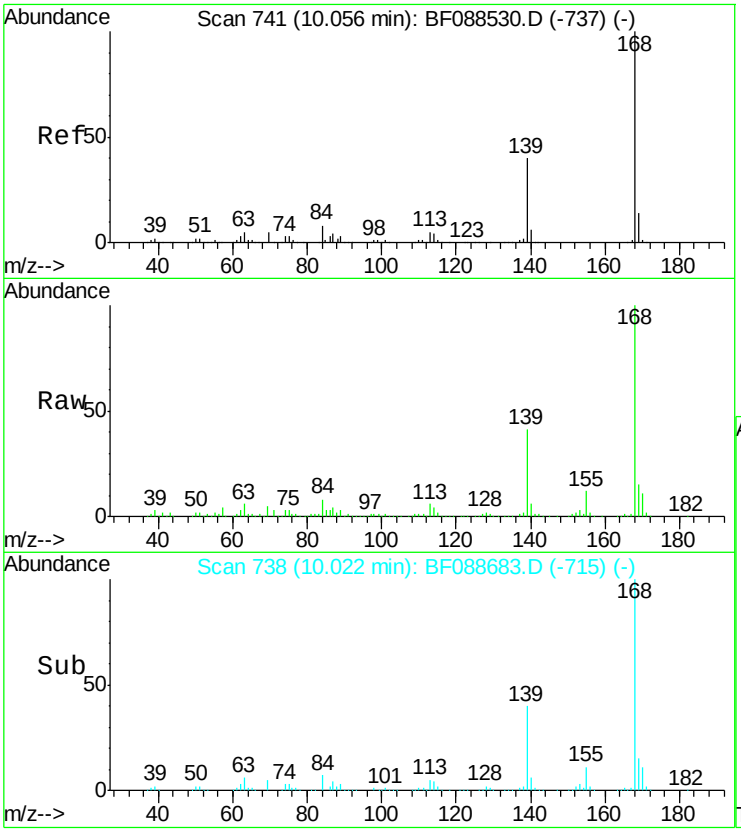


#51
Acenaphthene
Concen: 20.18 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:154 Resp: 221887

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.5	134.3
152	54.0	42.7	64.1



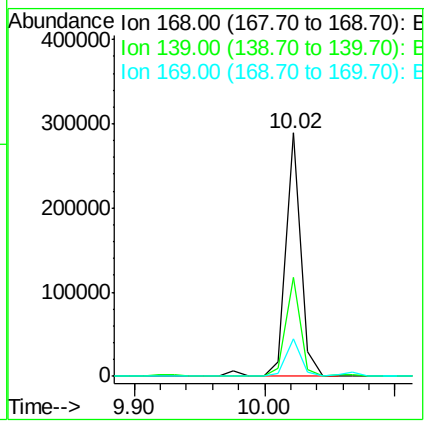


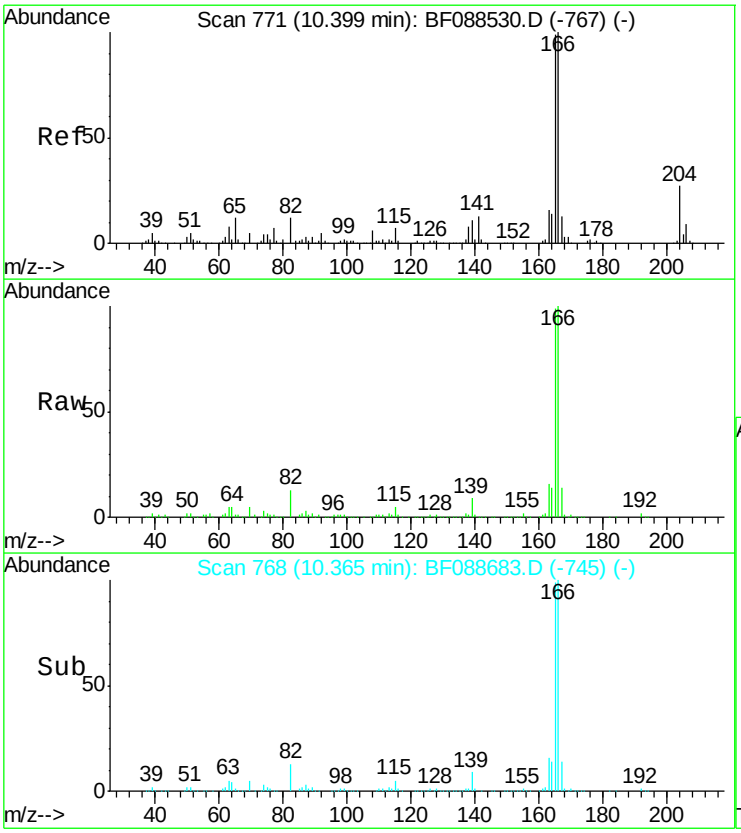
#54
Dibenzofuran
Concen: 16.43 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:168 Resp: 236468

Ion	Ratio	Lower	Upper
168	100		
139	40.5	26.4	39.6#
169	15.4	10.4	15.6

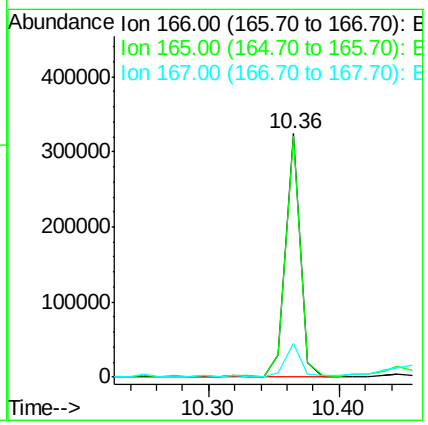


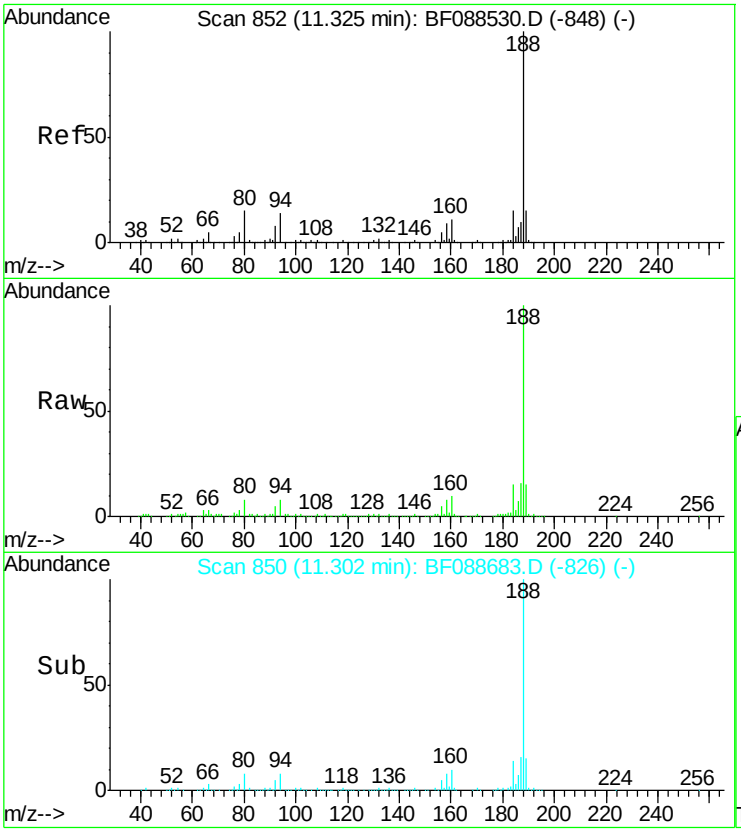


#57
Fluorene
Concen: 23.44 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:166 Resp: 259990

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.8
167	13.9	11.2	16.8



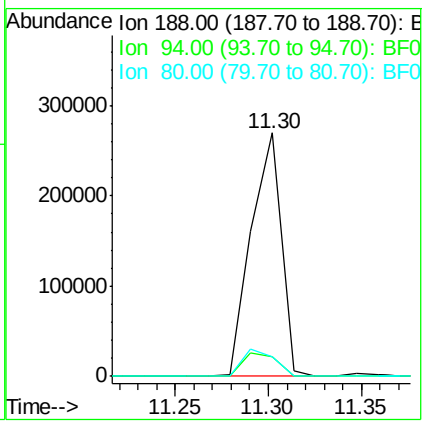


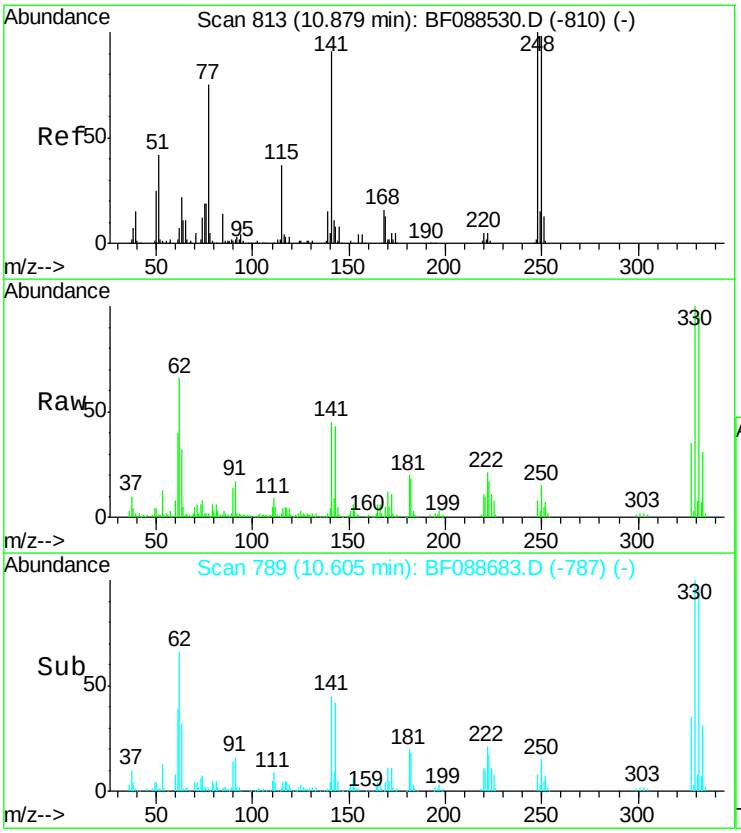
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:188 Resp: 301793

Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.0	13.6#
80	8.3	10.0	15.0#

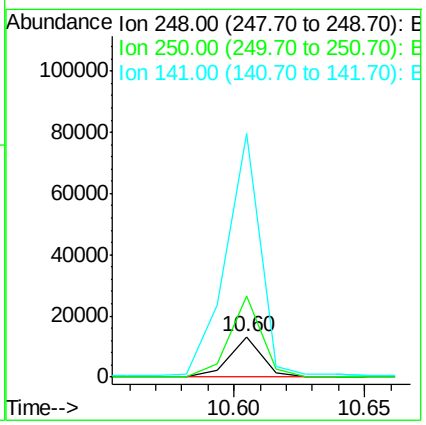


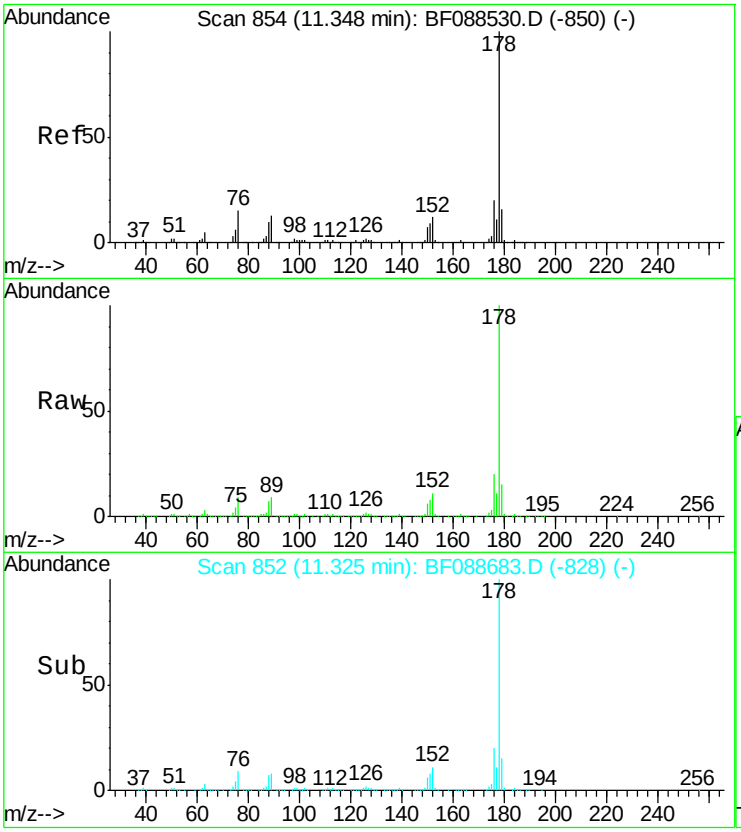


#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:248 Resp: 11526

Ion	Ratio	Lower	Upper
248	100		
250	198.9	77.1	115.7#
141	598.4	50.6	76.0#



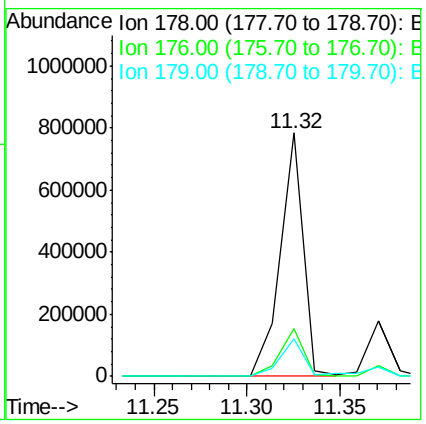


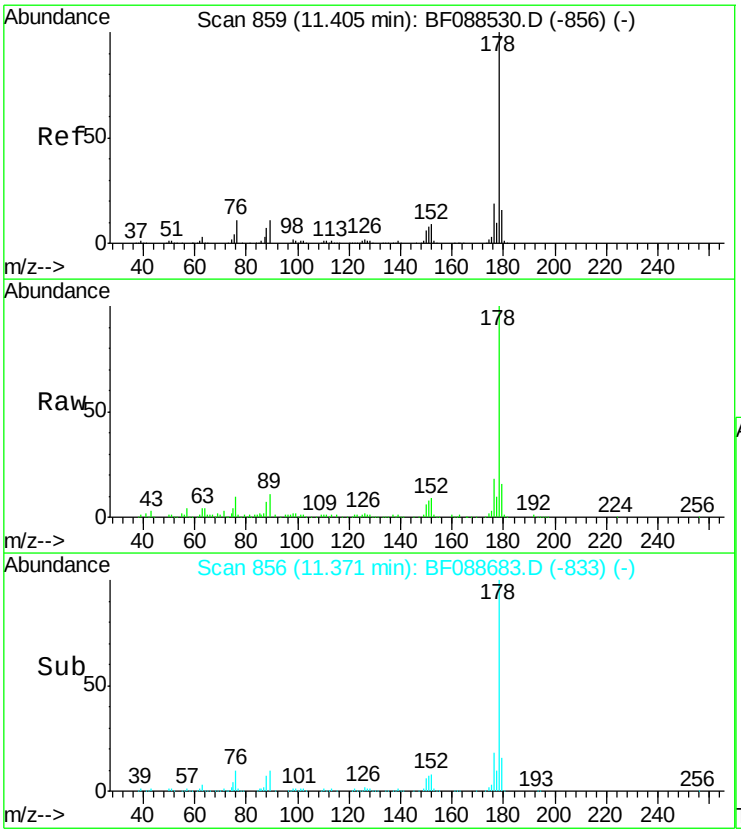
#70
Phenanthrene
Concen: 40.72 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:178 Resp: 671794

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.5	13.0	19.4

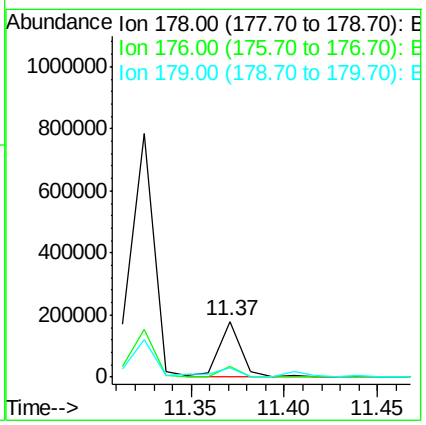


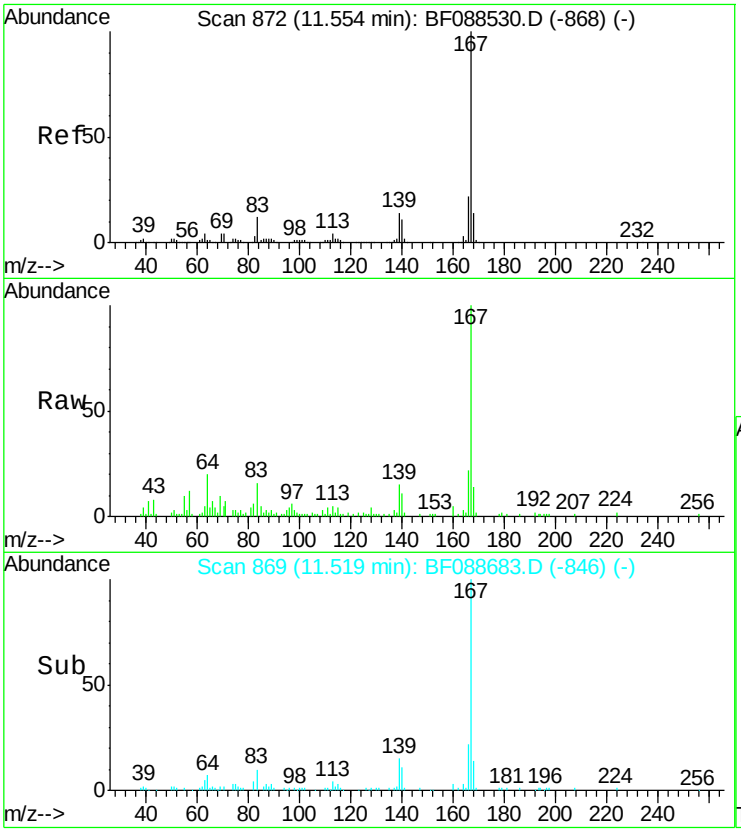


#71
Anthracene
Concen: 9.02 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:178 Resp: 147983

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.8	12.8	19.2



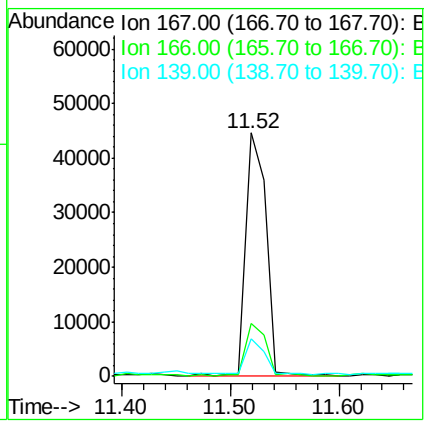


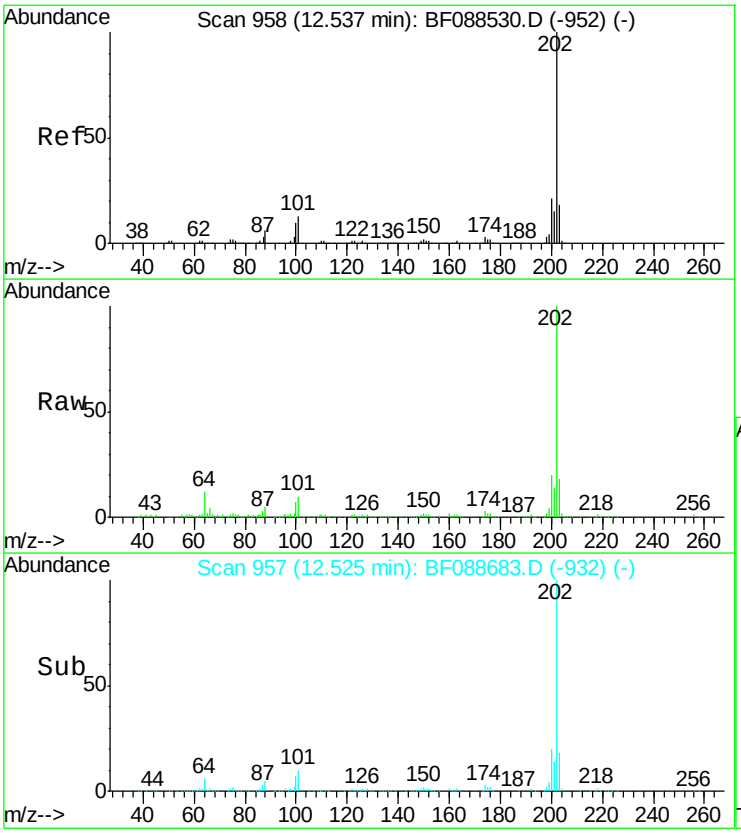
#72
Carbazole
Concen: 3.75 ng
RT: 11.52 min Scan# 869
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:167 Resp: 57847

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	15.5	11.2	16.8

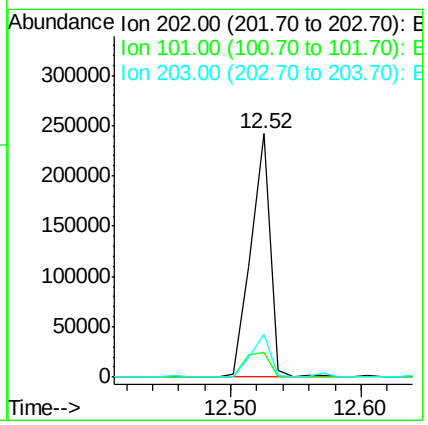


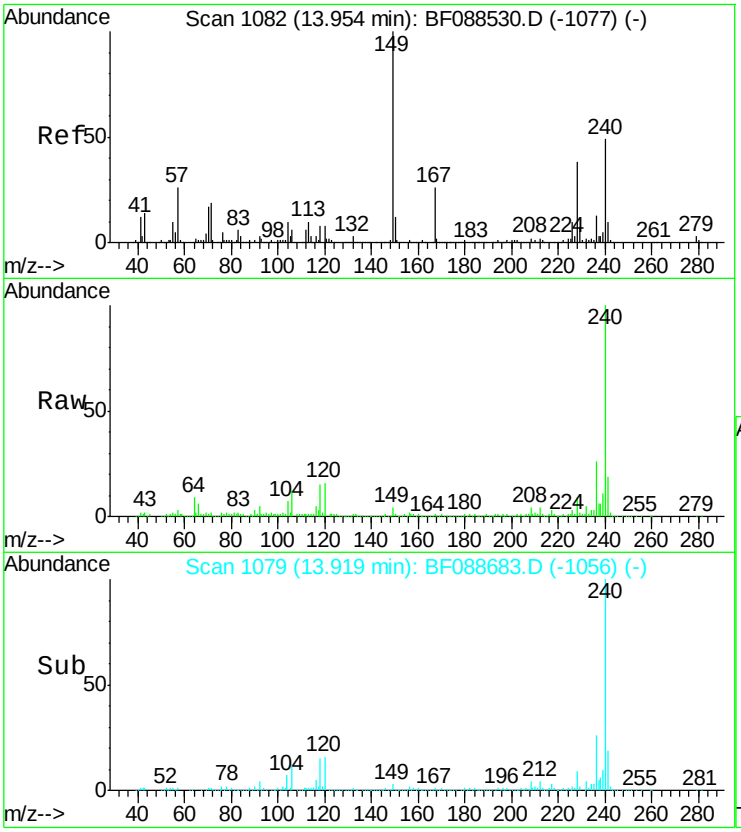


#74
Fluoranthene
Concen: 14.85 ng
RT: 12.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:202 Resp: 248429

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	33.1
203	17.7	0.0	38.1



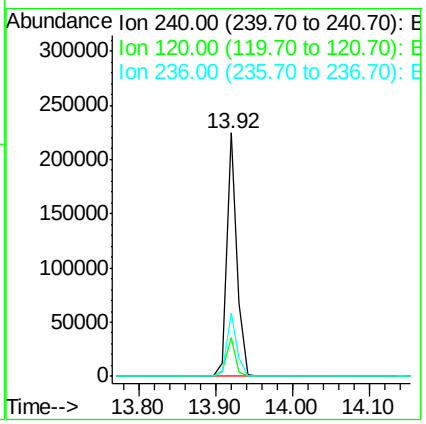


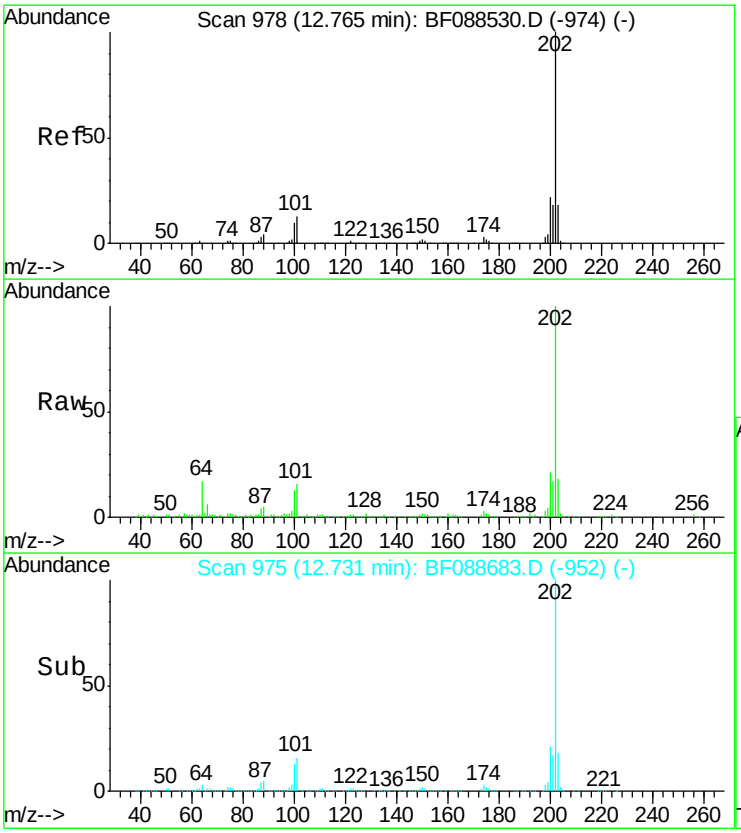
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:240 Resp: 213683

Ion	Ratio	Lower	Upper
240	100		
120	16.2	6.8	10.2#
236	25.9	20.2	30.2

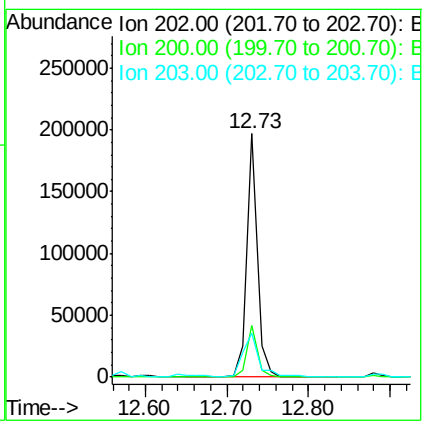


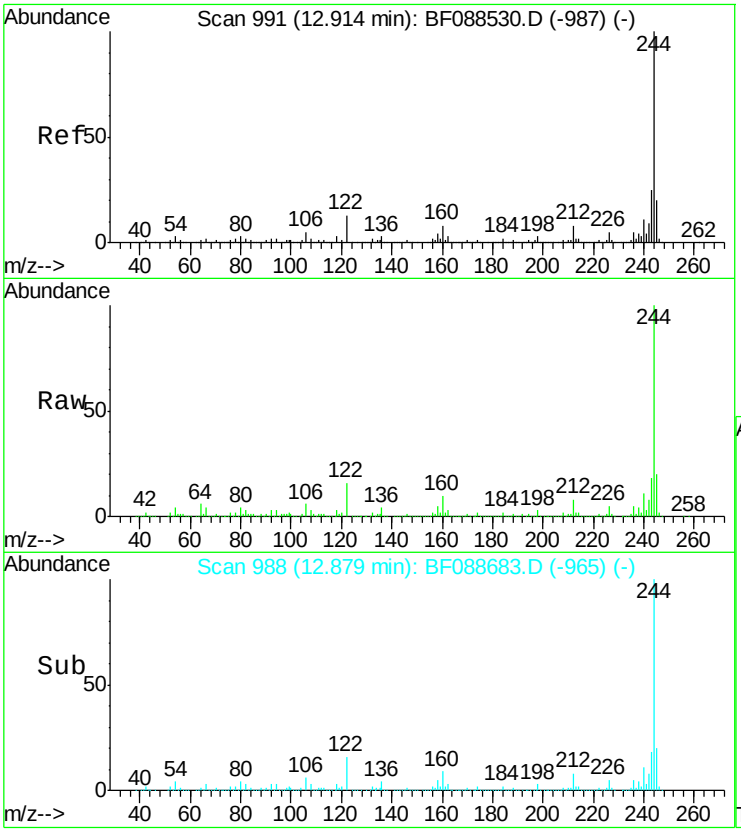


#77
Pyrene
Concen: 9.58 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:202 Resp: 173609

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.5	21.7



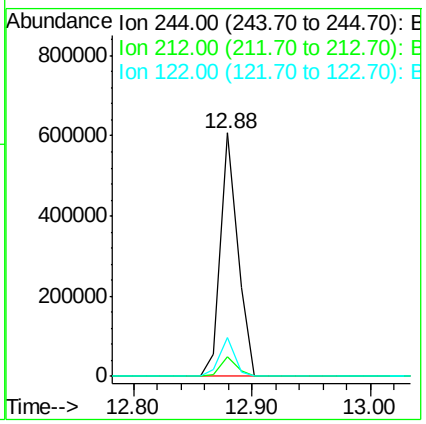


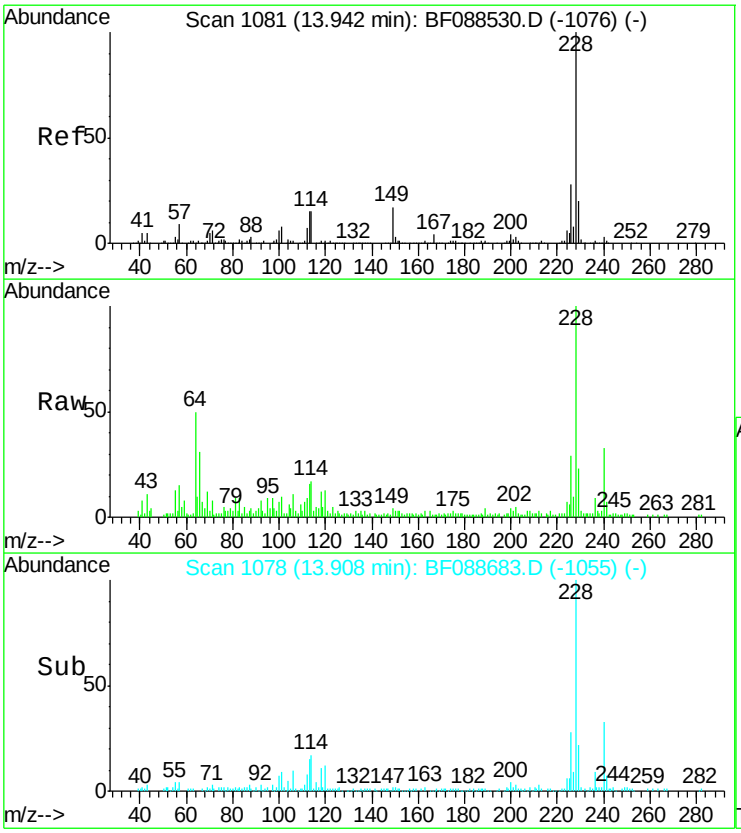
#78
Terphenyl-d14
Concen: 63.68 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:244 Resp: 610928

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	15.8	11.2	16.8

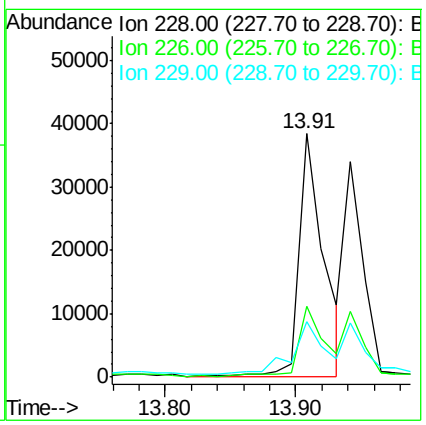


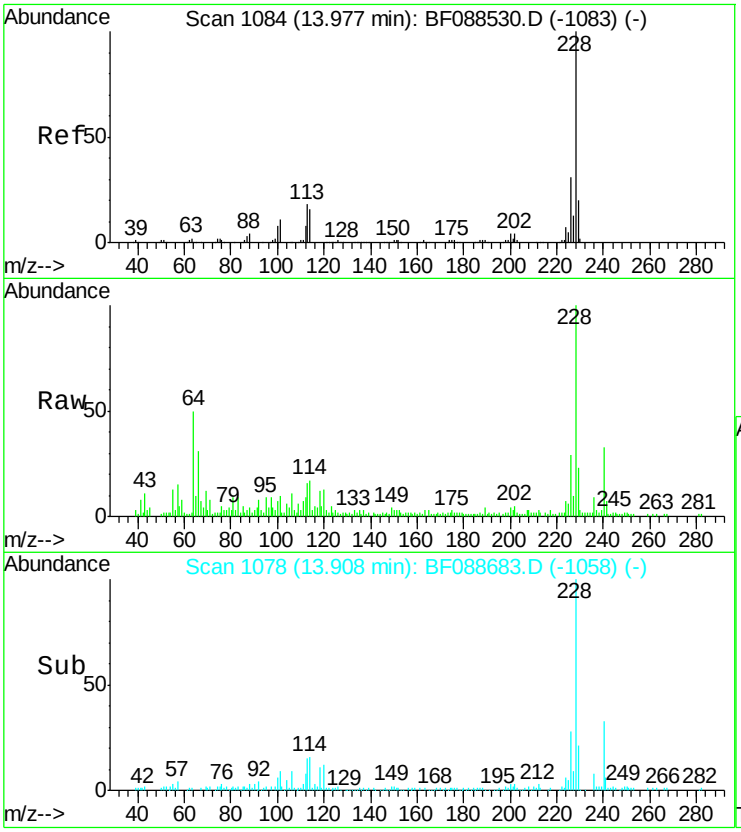


#80
Benzo(a)anthracene
Concen: 3.73 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:228 Resp: 51374

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	22.6	16.0	24.0



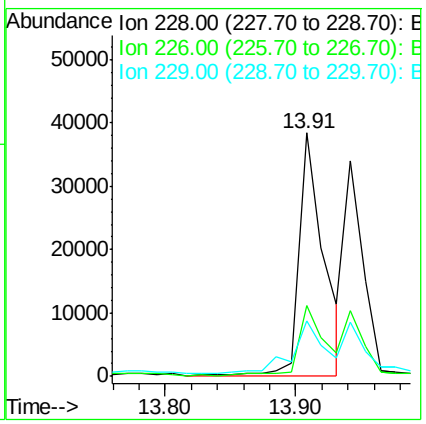


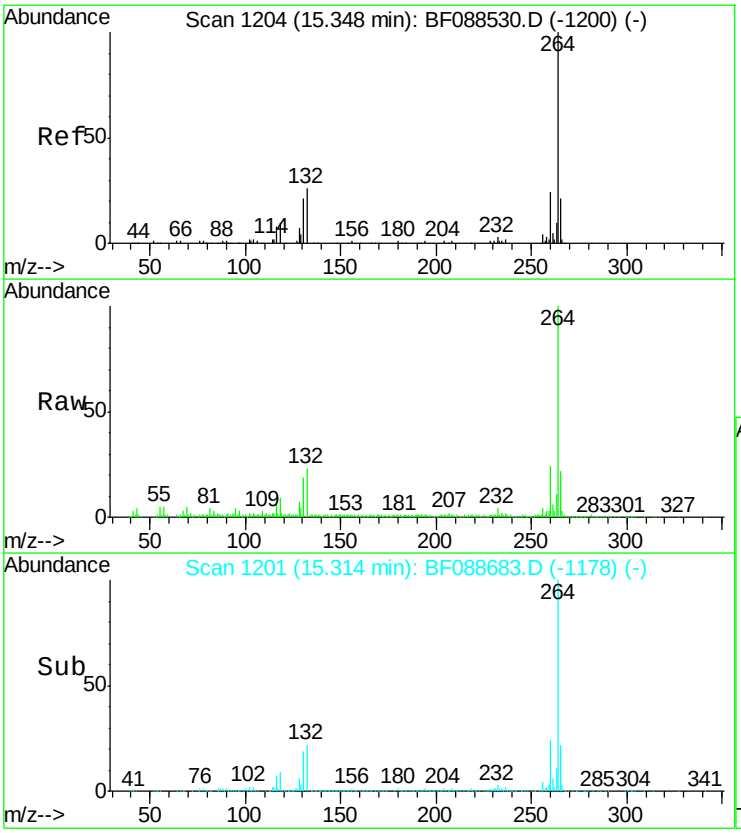
#82
Chrysene
Concen: 3.77 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.07 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:228 Resp: 51374

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.4	38.2
229	22.6	16.3	24.5

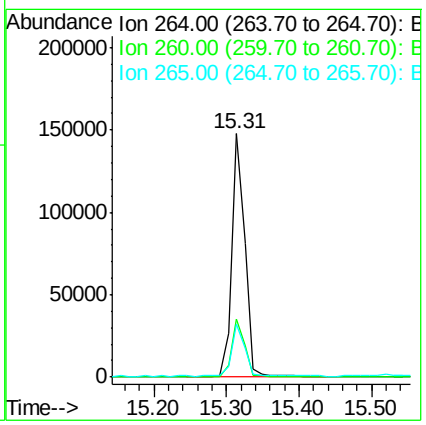


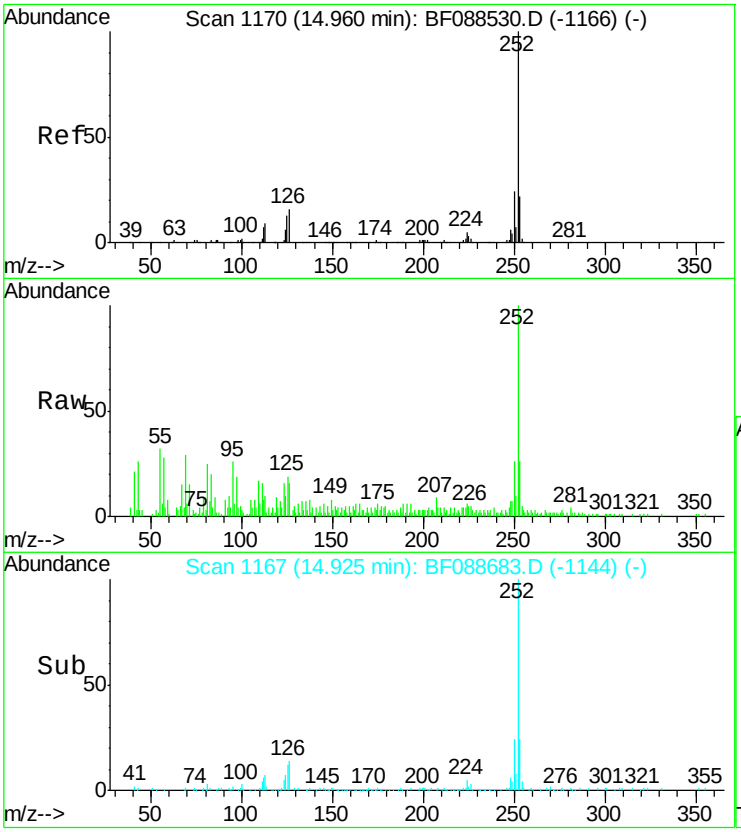


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:264 Resp: 184695

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	16.9	25.3



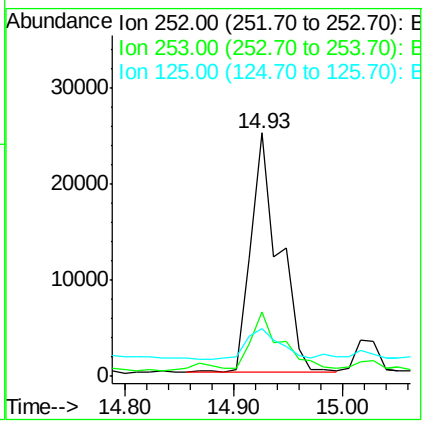


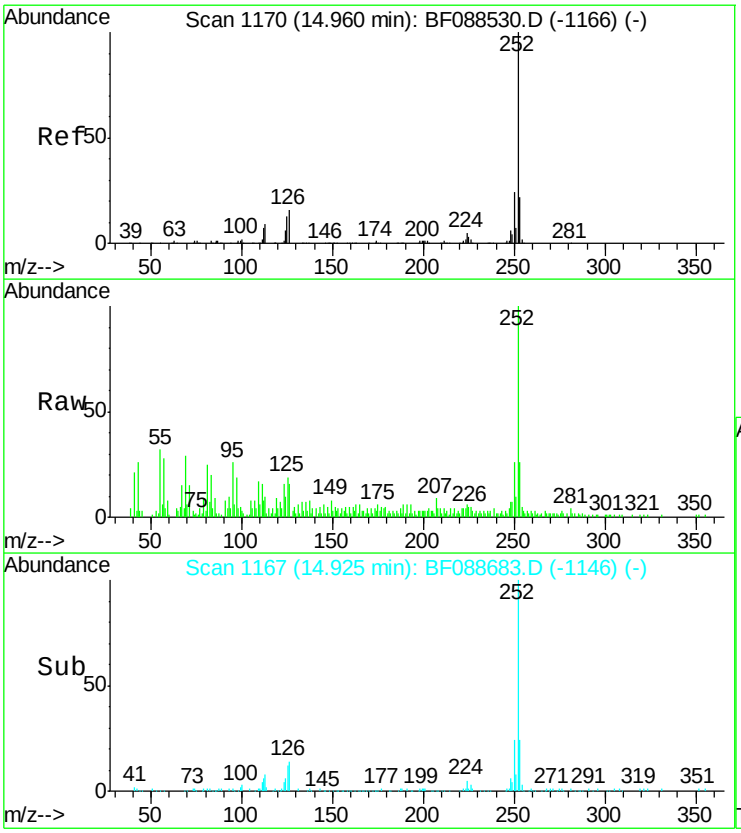
#87
Benzo(b)fluoranthene
Concen: 3.87 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:252 Resp: 44850

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.4	26.2#
125	19.4	7.1	10.7#

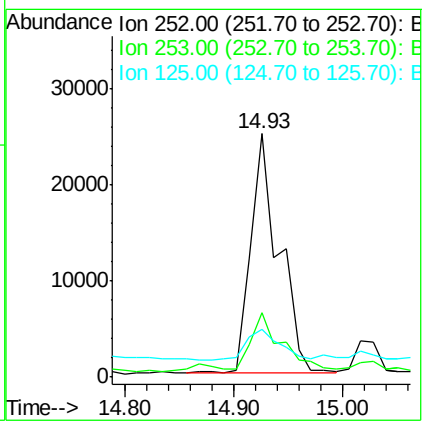


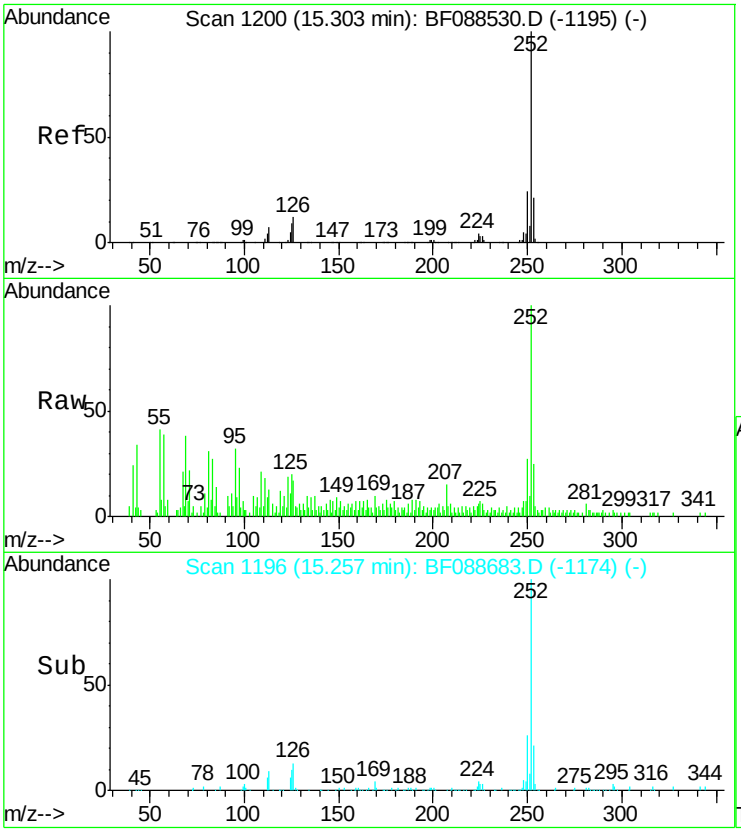


#88
Benzo(k)fluoranthene
Concen: 4.45 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Tgt Ion:252 Resp: 44850

Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.0	27.0
125	19.4	11.2	16.8#





#89
Benzo(a)pyrene
Concen: 2.13 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088683.D
Acq: 4 Jul 2016 9:13

Instrument :
BNA_F
ClientSampleId :
F12-B1(5-11)C

Tgt Ion:252 Resp: 20847

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	20.2	12.5	18.7#