Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088936.D
Acq On : 12 Jul 2016 23:27
Operator : UM/SJ
Sample : H3935-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3-03

Quant Time: Jul 13 02:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61851	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	230325	20.00	ng		-0.01
38) Acenaphthene-d10	9.74	164	93695	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	141337	20.00	ng		-0.01
75) Chrysene-d12	13.84	240	129462	20.00	ng		-0.01
86) Perylene-d12	15.21	264	113544	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	362220	87.77	ng		0.01
7) Phenol-d6	6.35	99	447196	83.86	ng		0.00
23) Nitrobenzene-d5	7.27	82	328154	74.66	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	70850	81.43	ng		-0.01
44) 2-Fluorobiphenyl	9.07	172	560978	94.57	ng		0.00
78) Terphenyl-d14	12.80	244	312103	53.70	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.36	93	235	0.03	ng	#	1
9) Benzaldehyde	6.24	77	692	0.19	ng	#	73
10) Phenol	6.36	94	8432	1.39	ng	#	59
11) bis(2-Chloroethyl)ether	6.48	93	698	0.15	ng	#	1
15) Benzyl Alcohol	6.86	79	6227	1.59	ng	#	50
17) 2-Methylphenol	6.86	107	430	0.12	ng	#	1
19) n-Nitroso-di-n-propylamine	7.27	70	43325	12.10	ng	#	74
22) Acetophenone	7.11	105	735	0.13	ng	#	57
24) Nitrobenzene	7.27	77	879	0.20	ng	#	24
25) Isophorone	7.27	82	282504	34.70	ng	#	65
31) Naphthalene	8.01	128	5315	0.47	ng		99
33) 4-Chloroaniline	8.01	127	607	0.12	ng	#	32
35) Caprolactam	8.43	113	361	0.35	ng	#	83
37) 2-Methylnaphthalene	8.71	142	3771	0.52	ng		92
45) 1,1'-Biphenyl	9.16	154	736	0.09	ng	#	43
47) 2-Nitroaniline	9.46	65	1093	0.51	ng	#	1
48) Acenaphthylene	9.60	152	5254	0.54	ng	#	94
49) Dimethylphthalate	9.46	163	100503	15.06	ng		99
50) 2,6-Dinitrotoluene	9.46	165	1031	0.70	ng	#	1
51) Acenaphthene	9.77	154	1171	0.20	ng		96
54) Dibenzofuran	9.94	168	2009	0.26	ng	#	71
55) 4-Nitrophenol	9.94	139	894	0.63	ng	#	5
56) 2,4-Dinitrotoluene	9.74	165	12979	6.71	ng	#	36
57) Fluorene	10.28	166	684	0.11	ng	#	71
59) Diethylphthalate	10.16	149	298	0.04	ng	#	60
62) Azobenzene	10.44	77	210	0.03	ng	#	1
65) n-Nitrosodiphenylamine	10.40	169	1140	0.24	ng	#	24
66) 4-Bromophenyl-phenylether	10.52	248	4783	3.36	ng	#	1
70) Phenanthrene	11.23	178	13615	1.76	ng		97
71) Anthracene	11.29	178	6467	0.84	ng		98
72) Carbazole	11.45	167	2069	0.29	ng	#	91
73) Di-n-butylphthalate	11.79	149	1911	0.23	ng	#	77
74) Fluoranthene	12.42	202	32221	4.11	ng		96
77) Pyrene	12.64	202	31888	2.90	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
Data File : BF088936.D
Acq On : 12 Jul 2016 23:27
Operator : UM/SJ
Sample : H3935-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C3-03

Quant Time: Jul 13 02:19:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Butylbenzylphthalate	13.25	149	684	0.14	ng	#	8
80) Benzo(a)anthracene	13.83	228	25221	3.03	ng		92
81) 3,3'-Dichlorobenzidine	13.91	252	418	0.13	ng	#	1
82) Chrysene	13.86	228	33936	4.11	ng		97
83) Bis(2-ethylhexyl)phthalate	13.84	149	6137	1.10	ng	#	96
84) Di-n-octyl phthalate	14.46	149	1090	0.11	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.49	276	13451	2.12	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	50933	7.15	ng	#	96
88) Benzo(k)fluoranthene	14.83	252	50930	8.21	ng		99
89) Benzo(a)pyrene	15.15	252	21035	3.49	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	5835	1.16	ng	#	80
91) Benzo(g,h,i)perylene	16.88	276	14206	2.73	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
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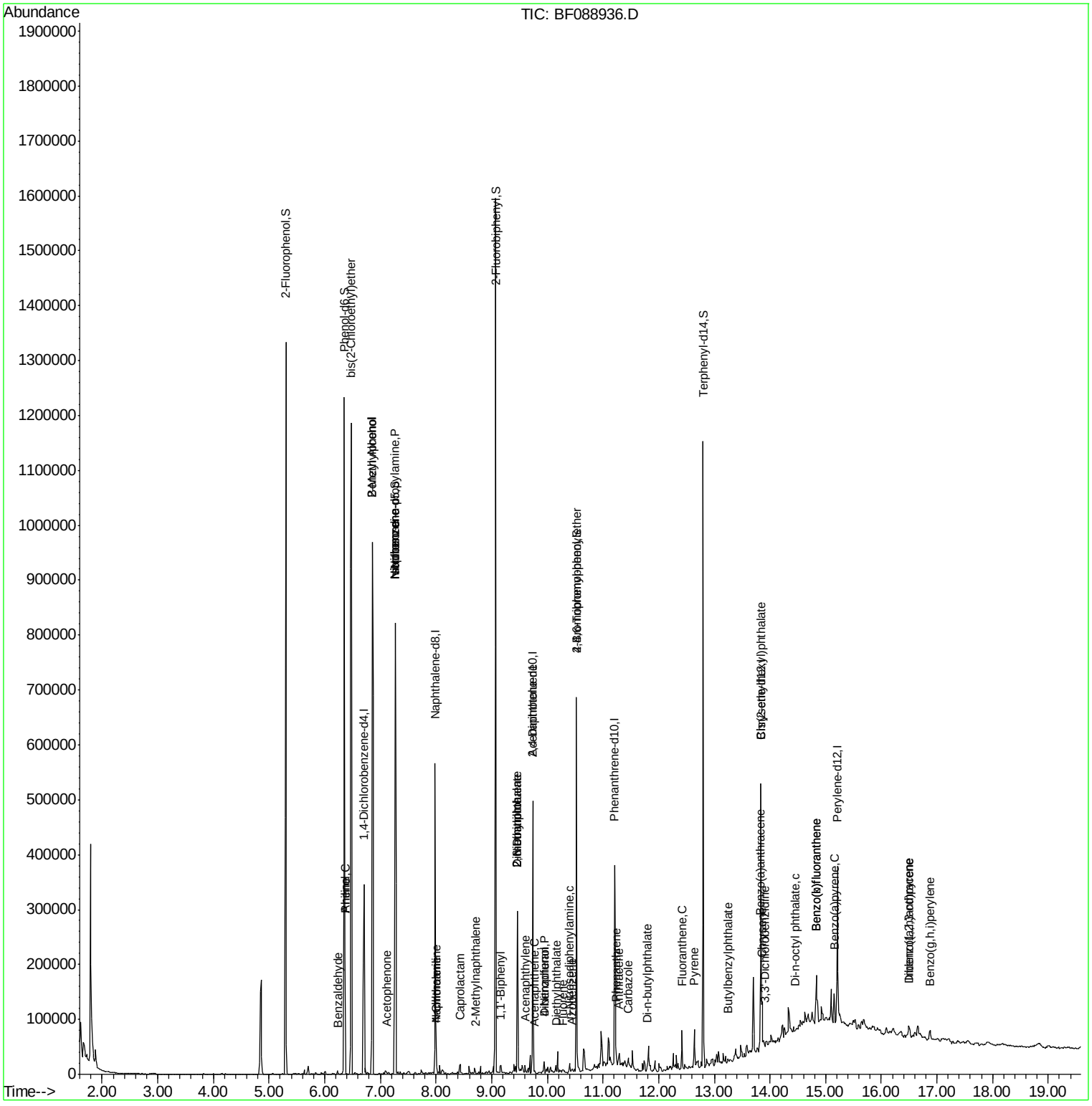
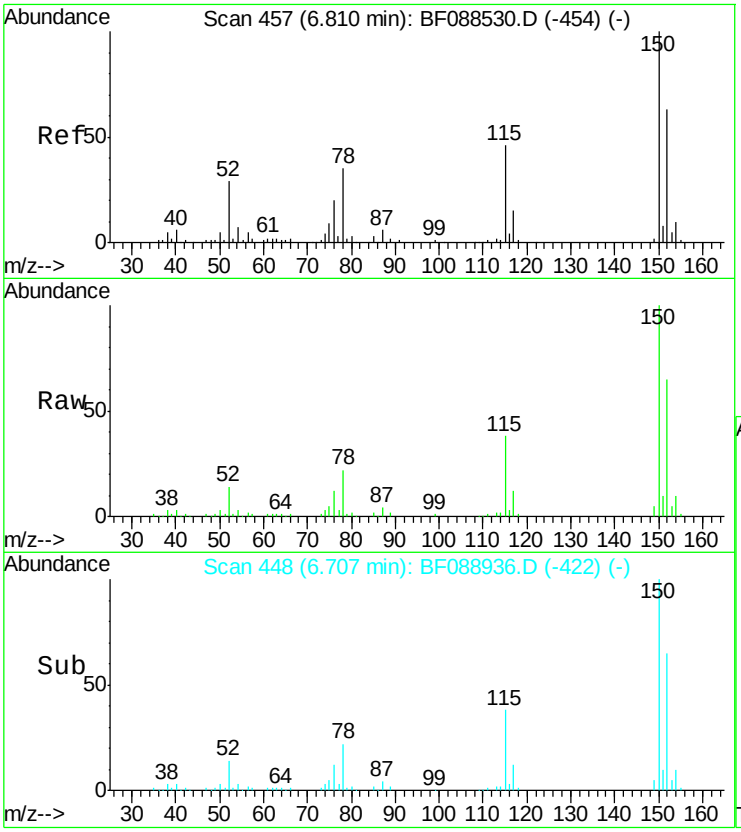
Response via : Initial Calibration



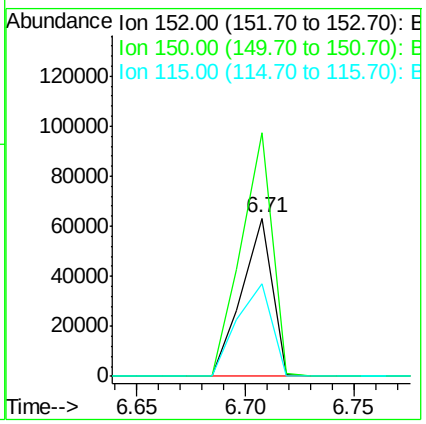


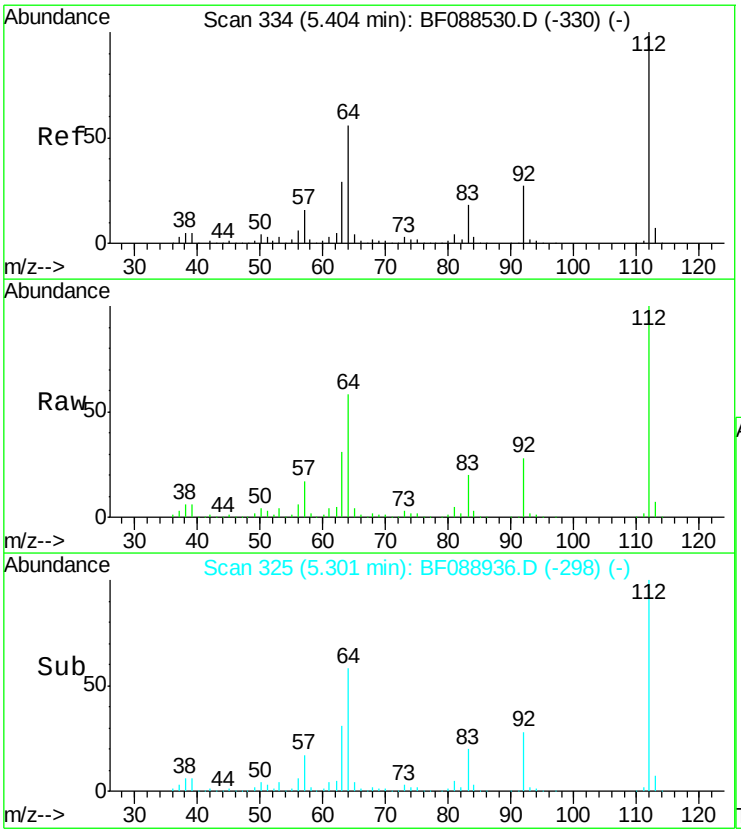
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:152 Resp: 61851

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.8	185.6
115	58.4	39.6	59.4

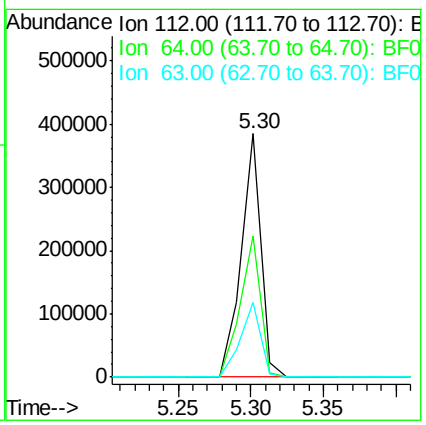


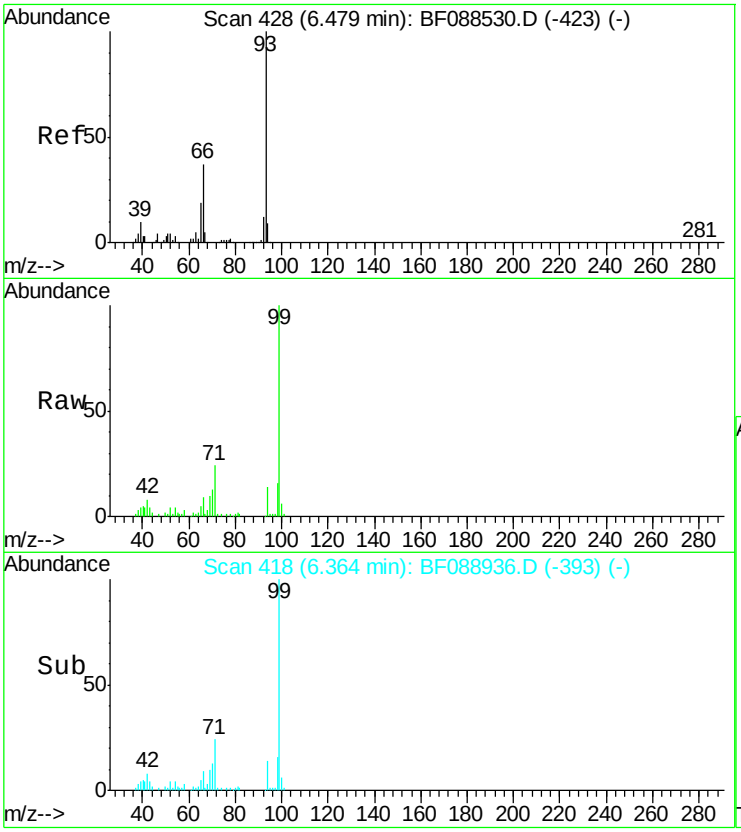


#5
2-Fluorophenol
Concen: 87.77 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:112 Resp: 362220

Ion	Ratio	Lower	Upper
112	100		
64	57.9	42.2	63.2
63	30.7	21.8	32.8



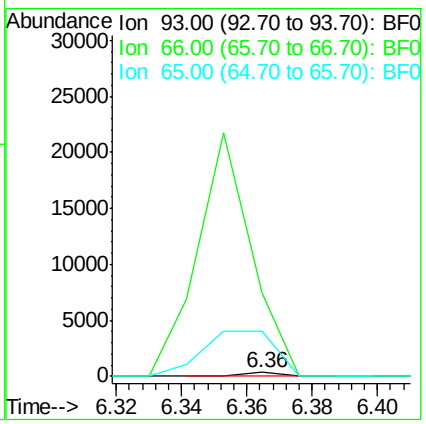


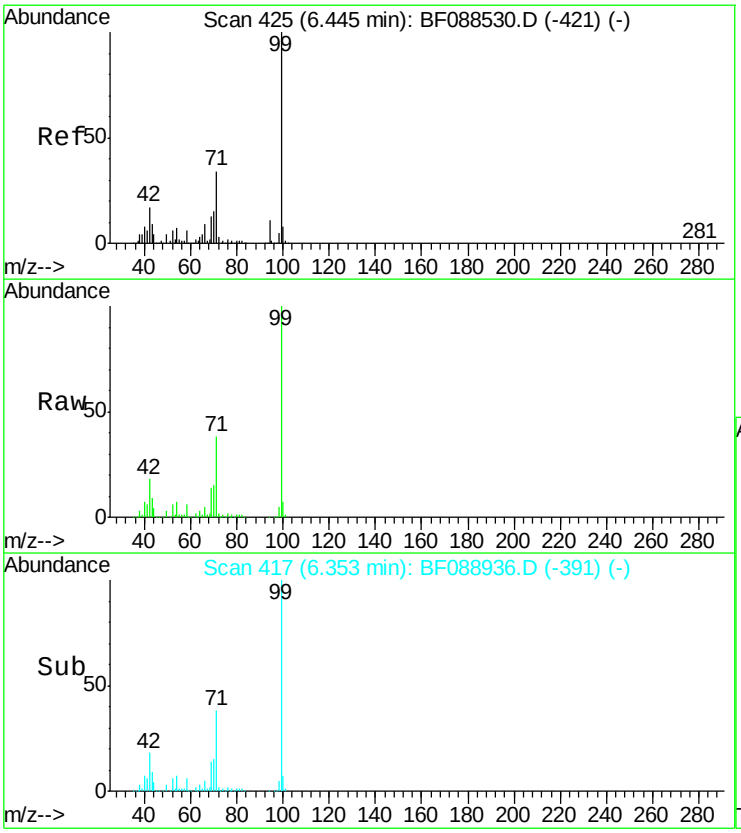
#6
Aniline
Concen: 0.03 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion: 93 Resp: 235

Ion	Ratio	Lower	Upper
93	100		
66	2170.8	29.8	44.8#
65	1163.6	14.9	22.3#

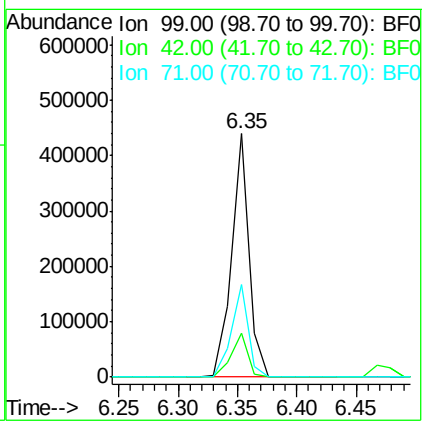


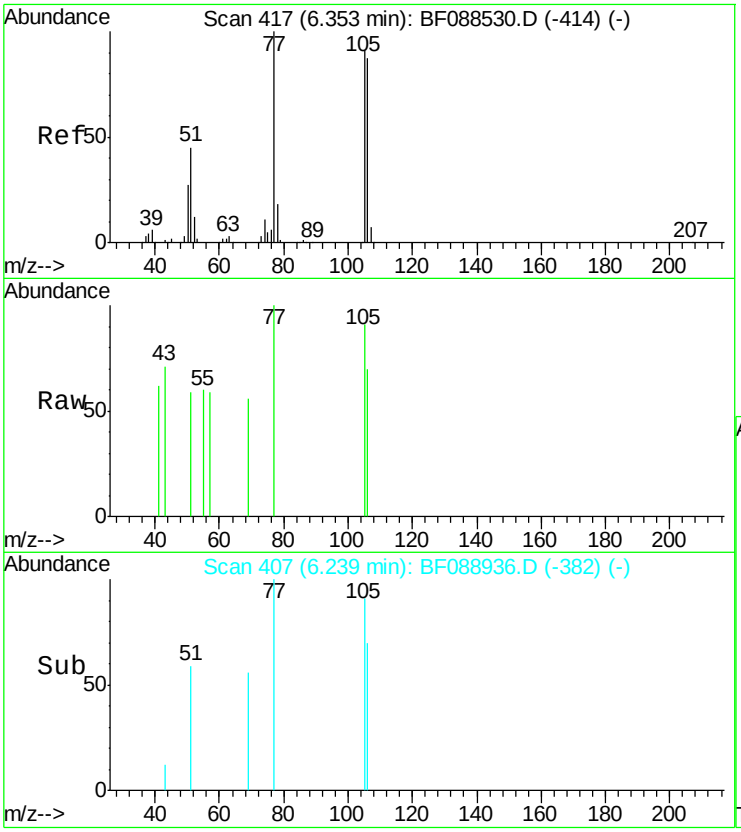


#7
Phenol-d6
Concen: 83.86 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 99 Resp: 447196

Ion	Ratio	Lower	Upper
99	100		
42	18.2	12.2	18.2
71	38.1	23.4	35.0#



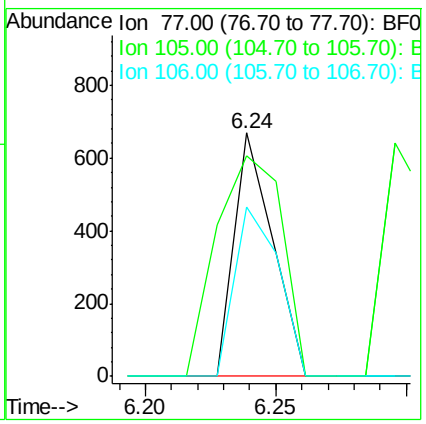


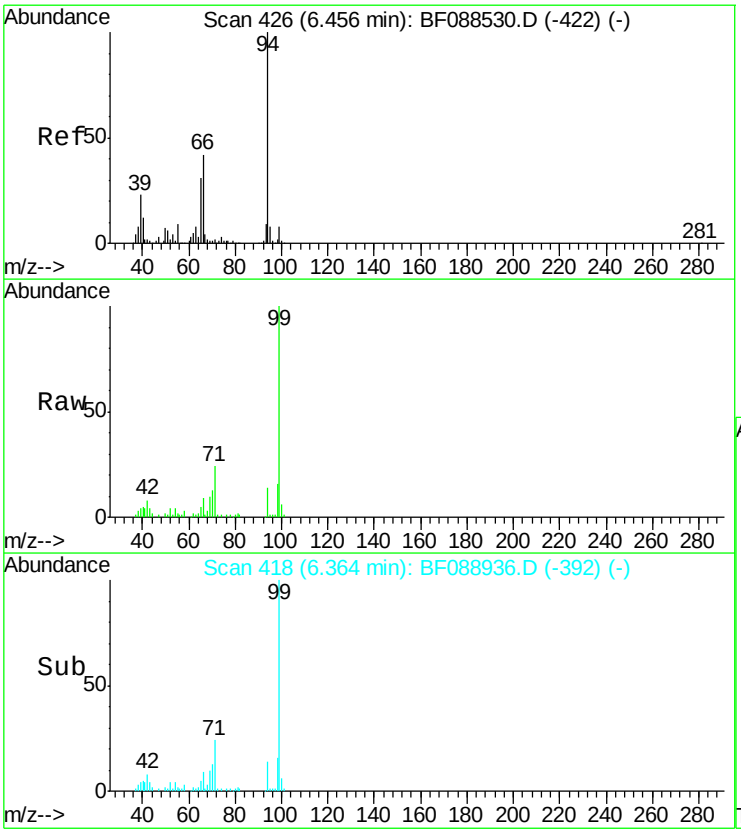
#9
Benzaldehyde
Concen: 0.19 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion: 77 Resp: 692

Ion	Ratio	Lower	Upper
77	100		
105	90.7	90.6	130.6
106	69.5	85.3	125.3#

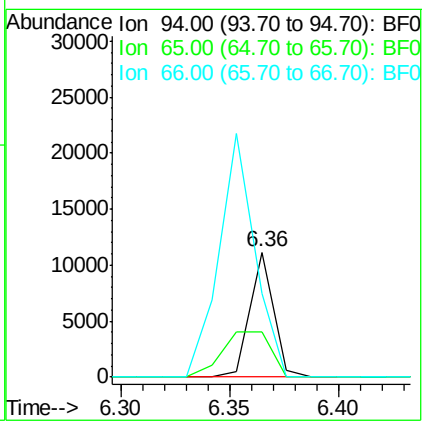


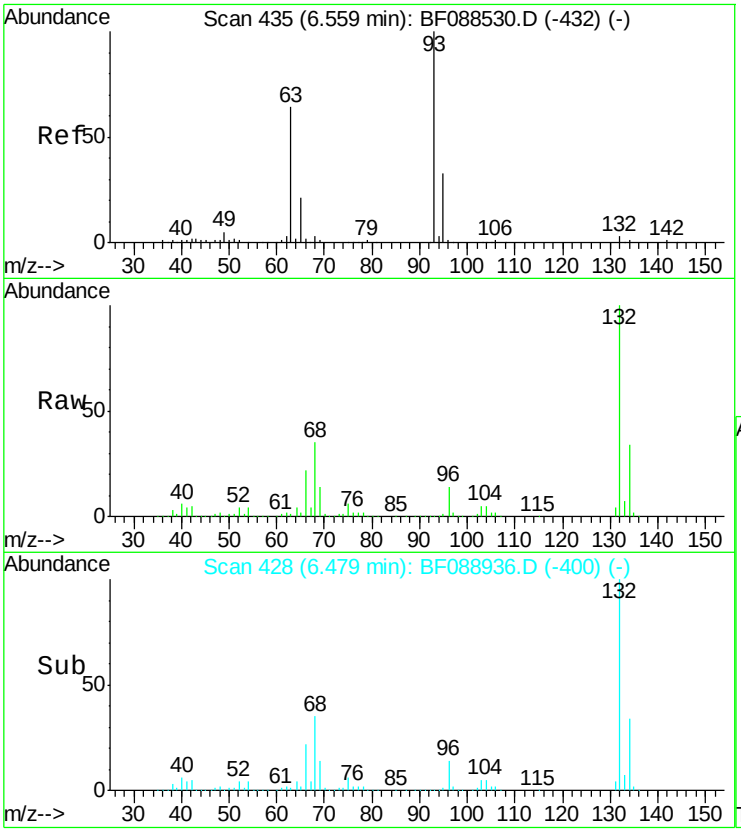


#10
Phenol
Concen: 1.39 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 94 Resp: 8432

Ion	Ratio	Lower	Upper
94	100		
65	35.7	5.9	45.9
66	66.7	14.0	54.0#



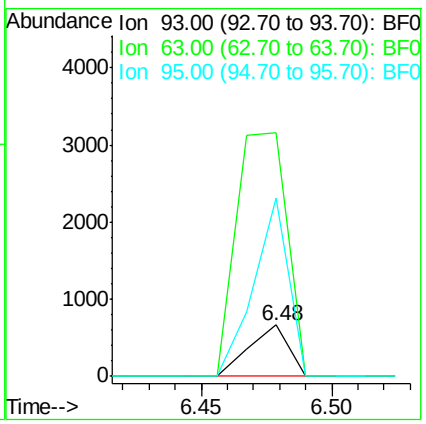


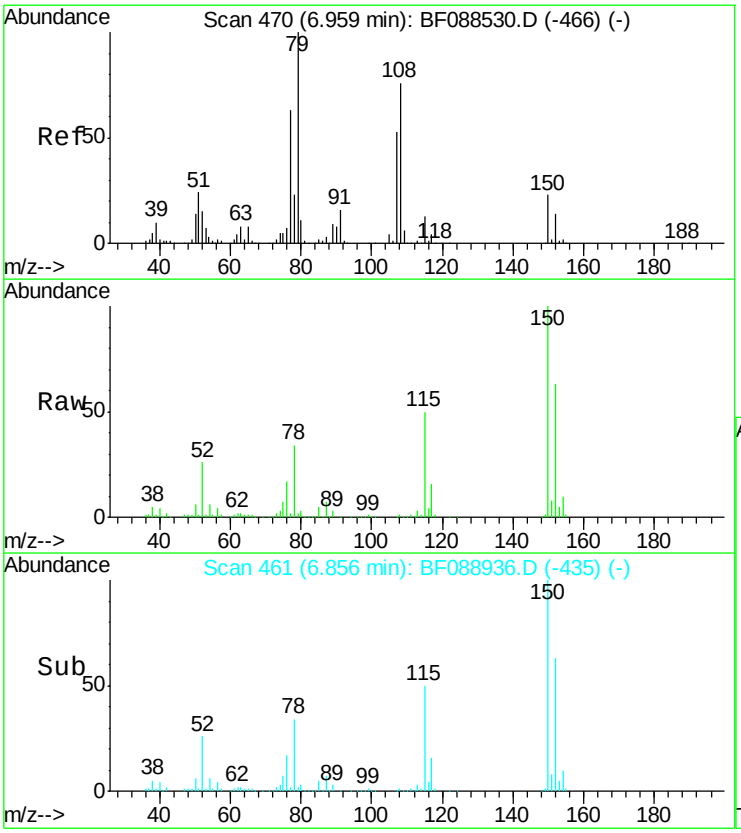
#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion: 93 Resp: 698

Ion	Ratio	Lower	Upper
93	100		
63	476.9	67.6	107.6#
95	350.3	12.5	52.5#

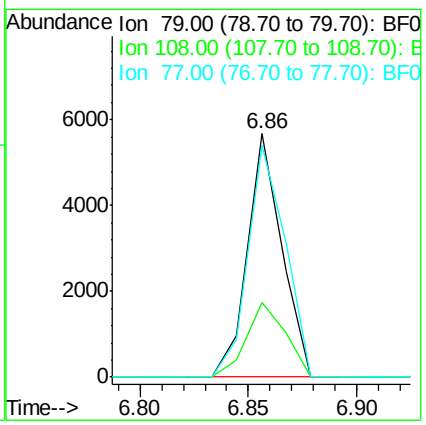


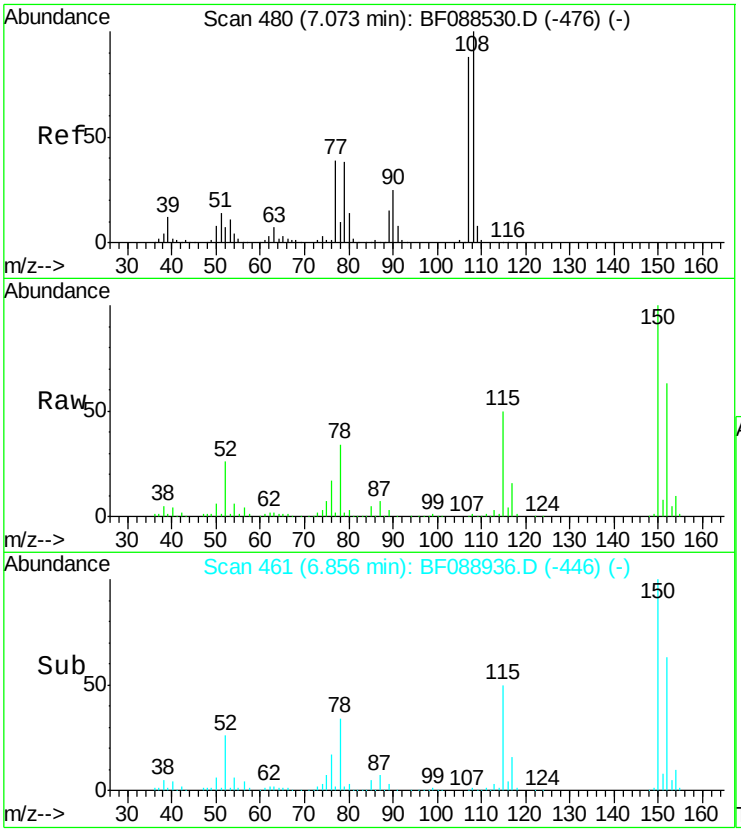


#15
Benzyl Alcohol
Concen: 1.59 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 79 Resp: 6227

Ion	Ratio	Lower	Upper
79	100		
108	30.6	65.0	97.6#
77	95.4	50.3	75.5#



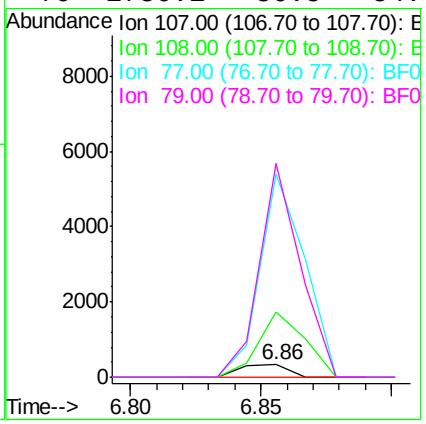


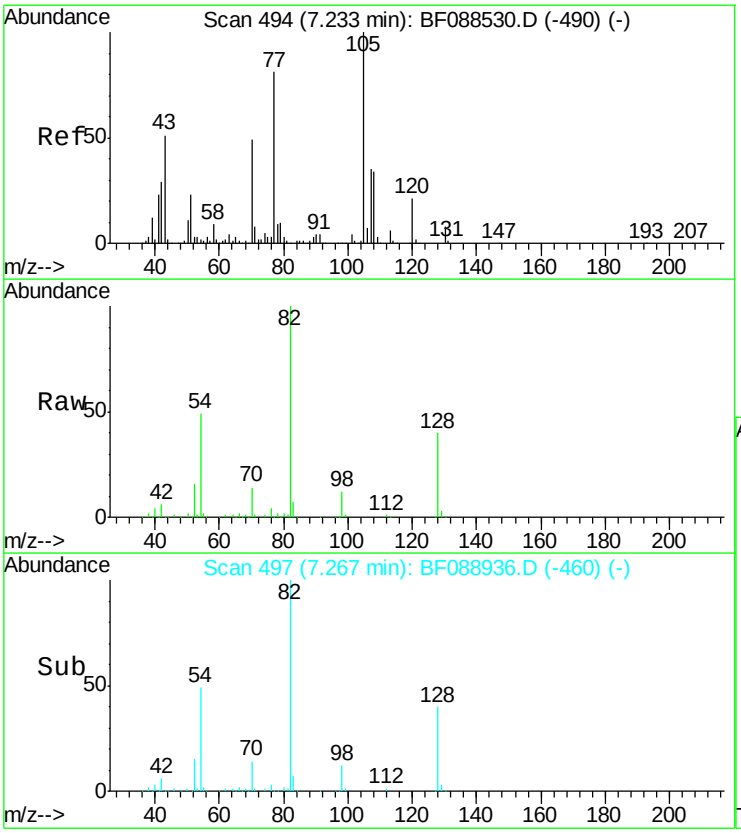
#17
2-Methylphenol
Concen: 0.12 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.13 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:107 Resp: 430

Ion	Ratio	Lower	Upper
107	100		
108	532.1	90.9	136.3#
77	1656.6	36.6	55.0#
79	1736.1	36.5	54.7#

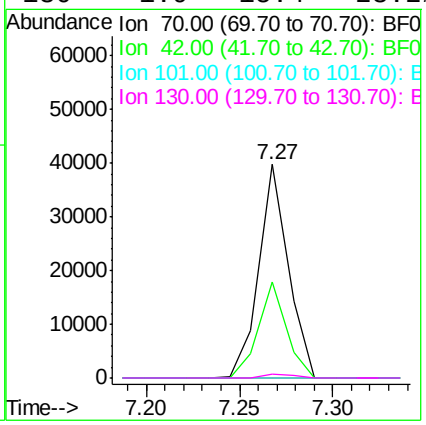


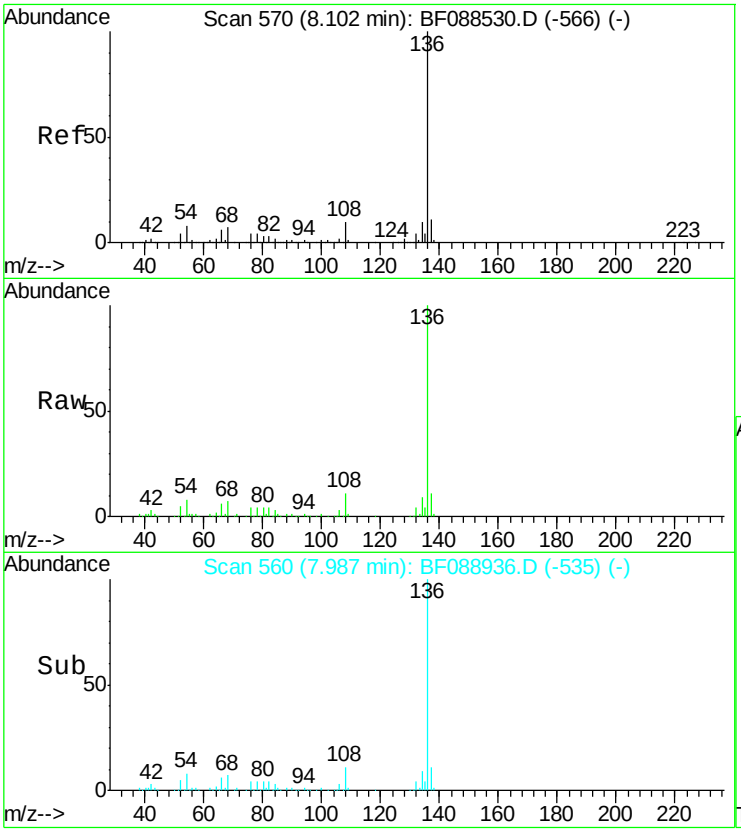


#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.13 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 70 Resp: 43325

Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#



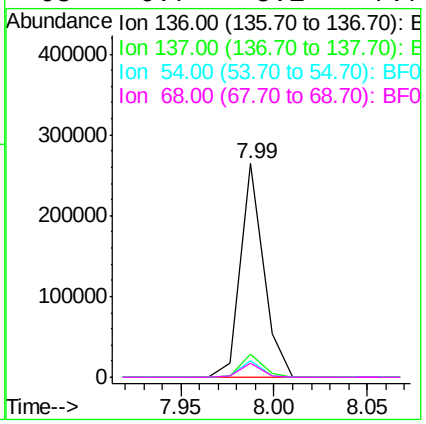


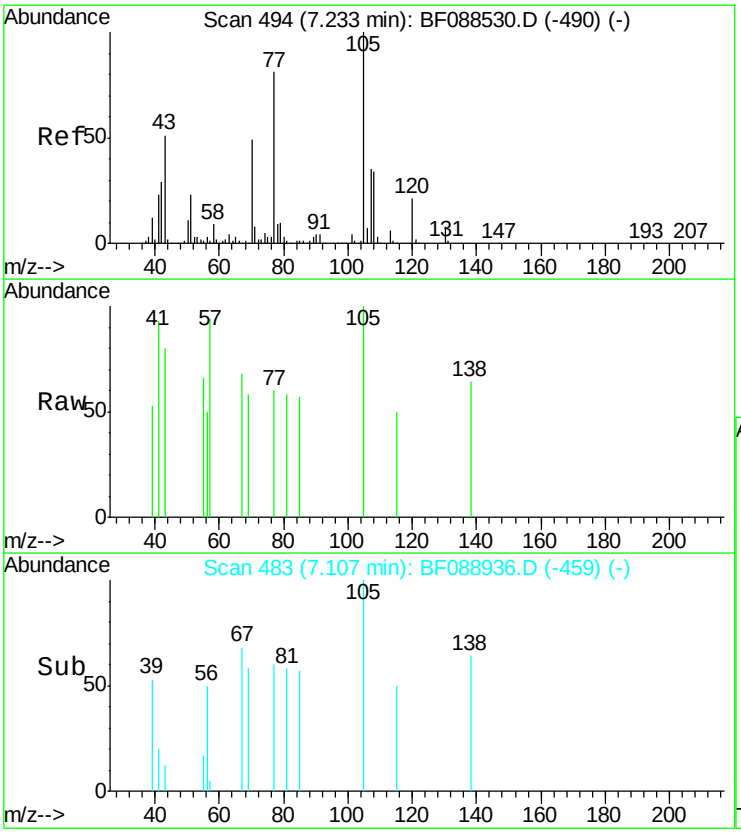
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:136 Resp: 230325

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.1	6.6	10.0
68	6.7	5.1	7.7

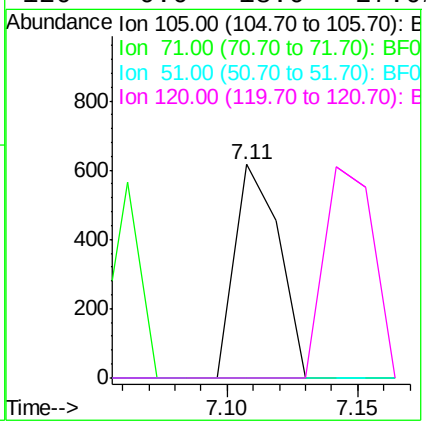


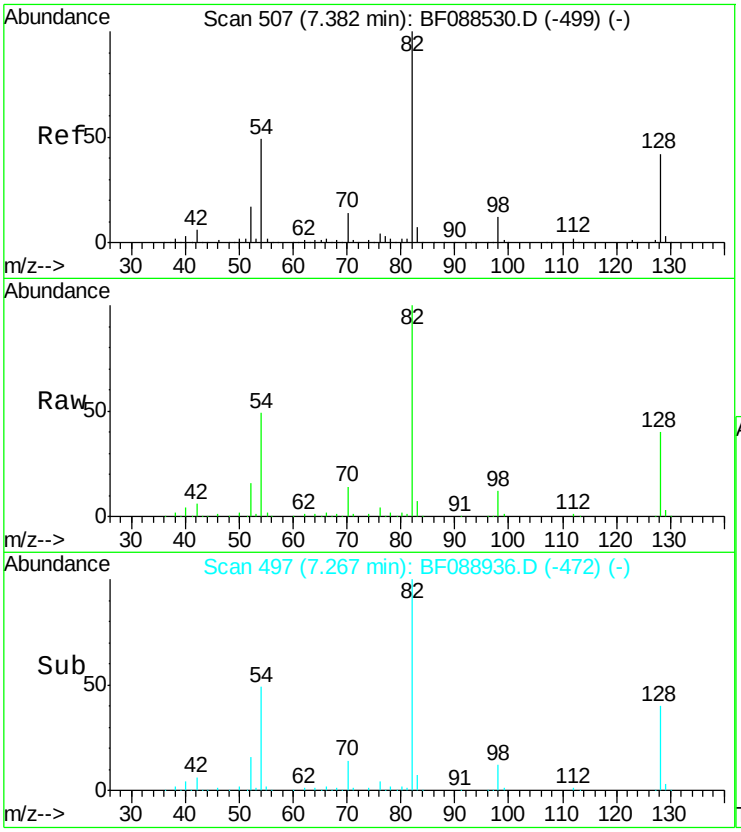


#22
Acetophenone
Concen: 0.13 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:105 Resp: 735

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.3	7.9#
51	0.0	18.2	27.4#
120	0.0	18.0	27.0#



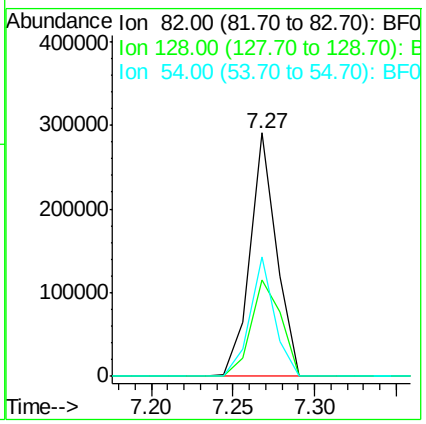


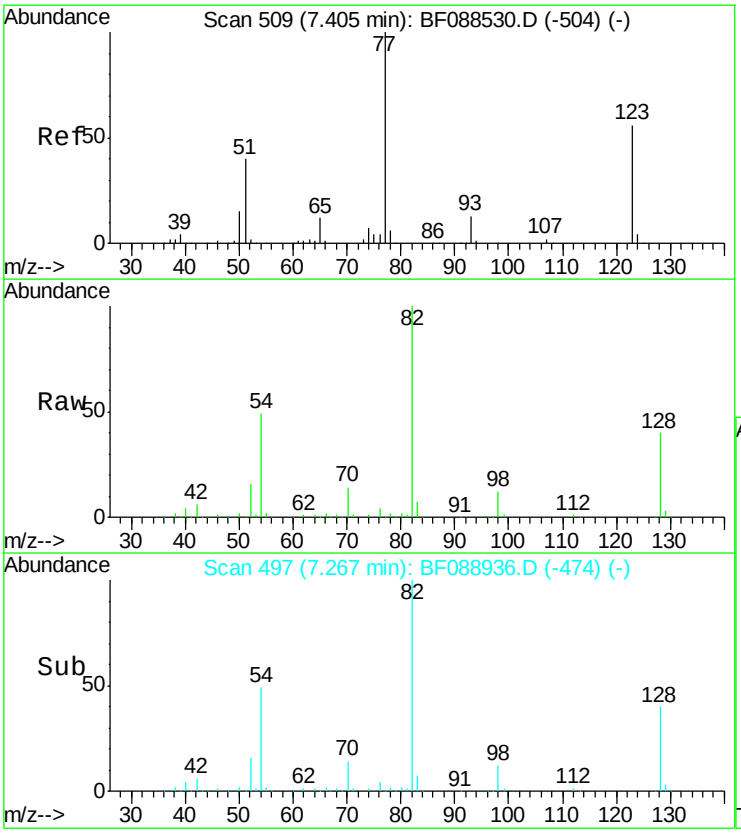
#23
Nitrobenzene-d5
Concen: 74.66 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion: 82 Resp: 328154

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.9	53.9
54	49.0	40.9	61.3

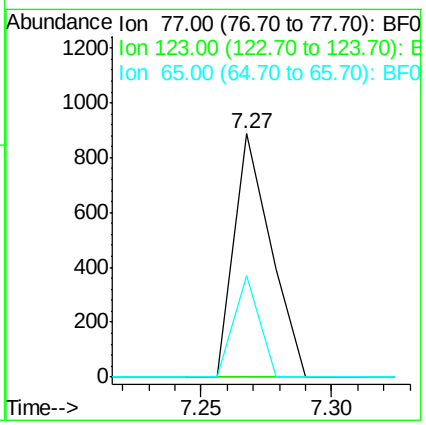


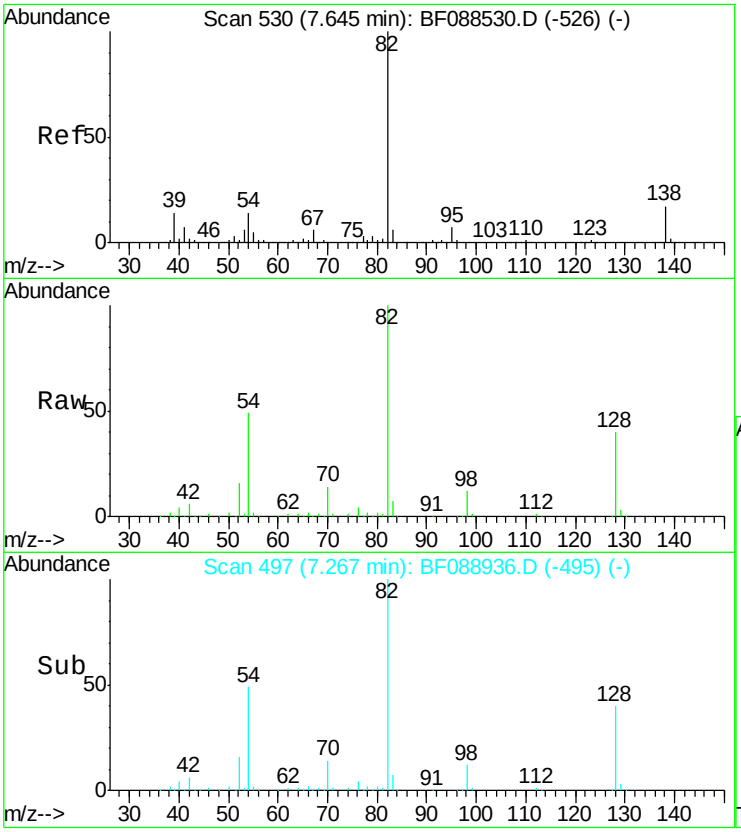


#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.03 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 77 Resp: 879

Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	41.4	10.2	15.2#



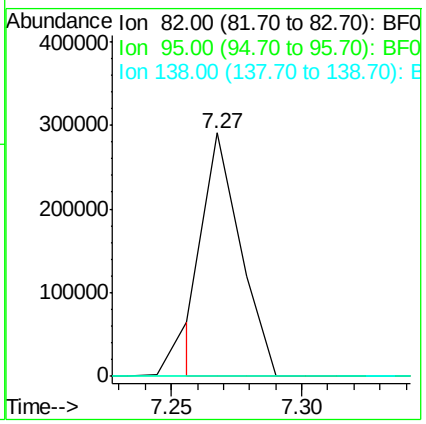


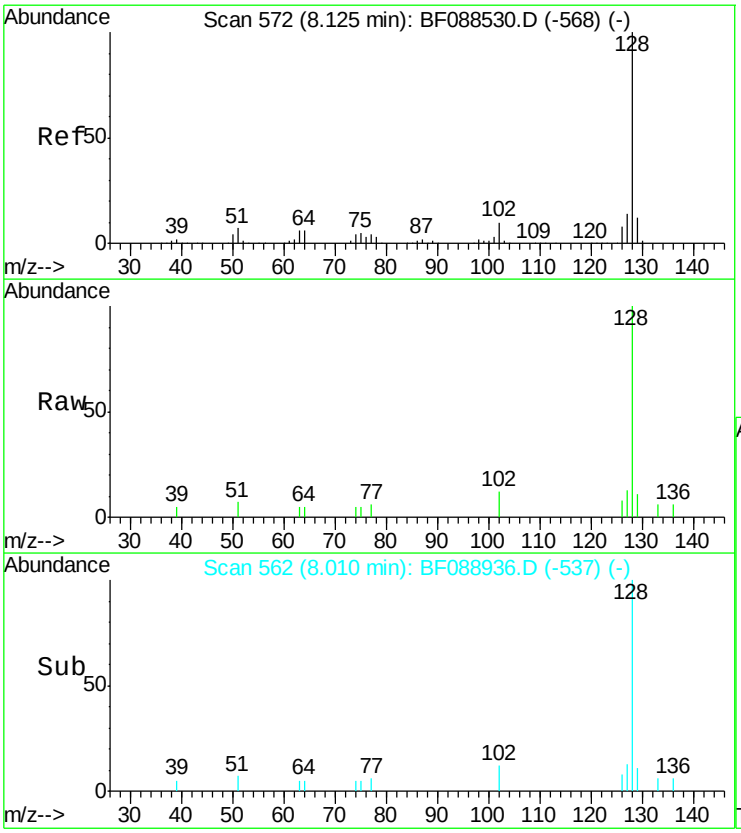
#25
Isophorone
Concen: 34.70 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.27 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion: 82 Resp: 282504

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

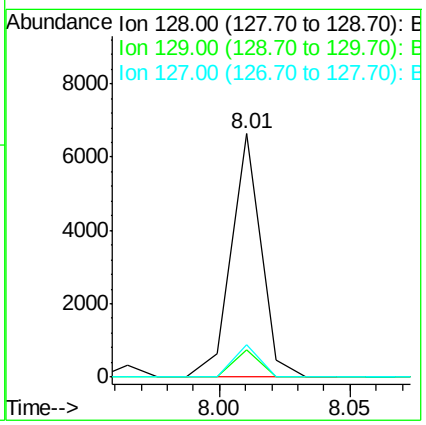


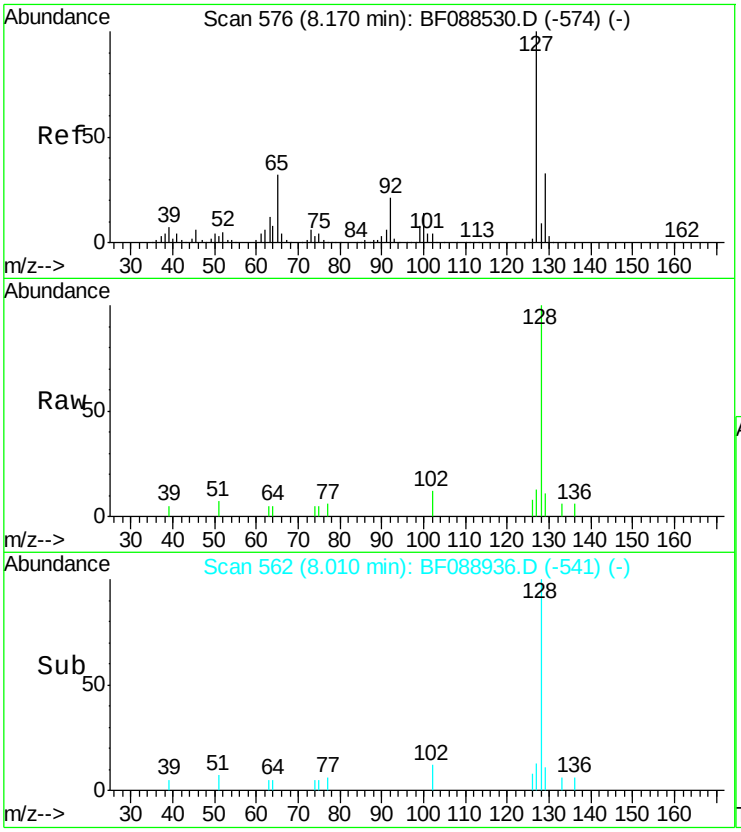


#31
Naphthalene
Concen: 0.47 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:128 Resp: 5315

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.3	10.9	16.3



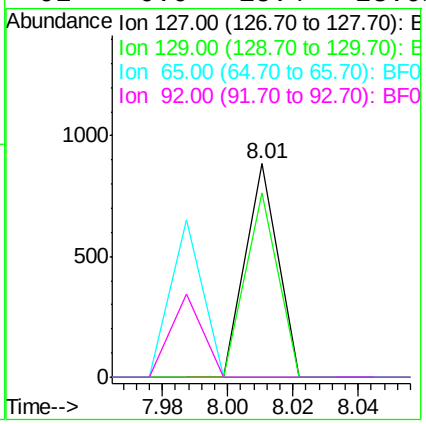


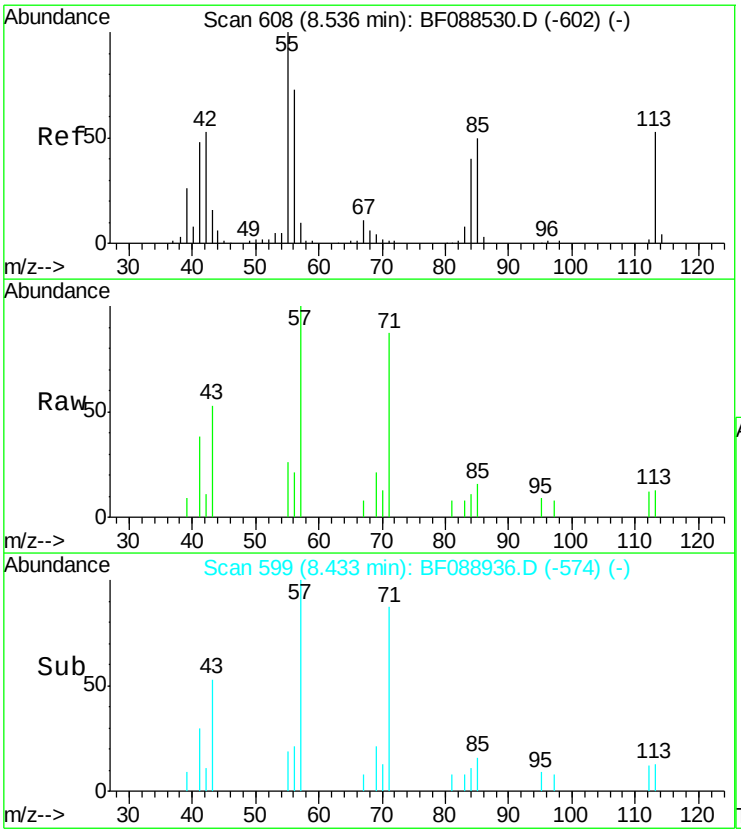
#33
4-Chloroaniline
Concen: 0.12 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:127 Resp: 607

Ion	Ratio	Lower	Upper
127	100		
129	86.0	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

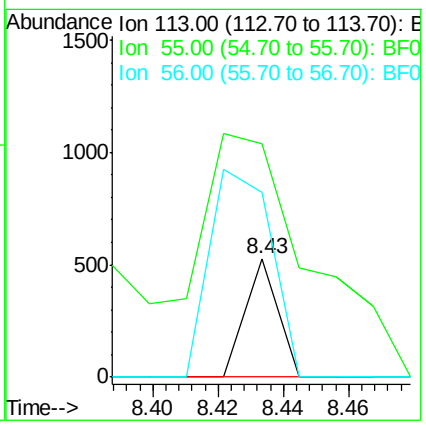


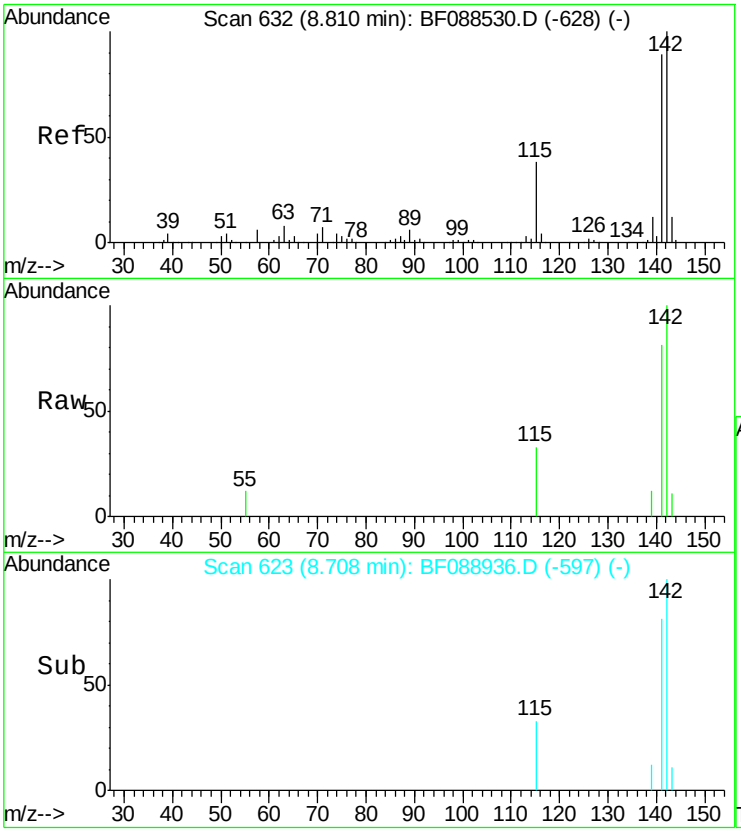


#35
Caprolactam
Concen: 0.35 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:113 Resp: 361

Ion	Ratio	Lower	Upper
113	100		
55	197.2	158.6	198.6
56	155.8	110.6	150.6#



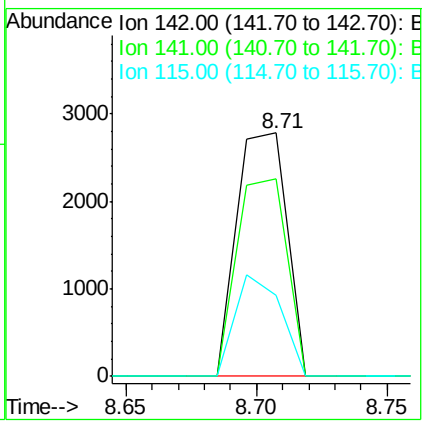


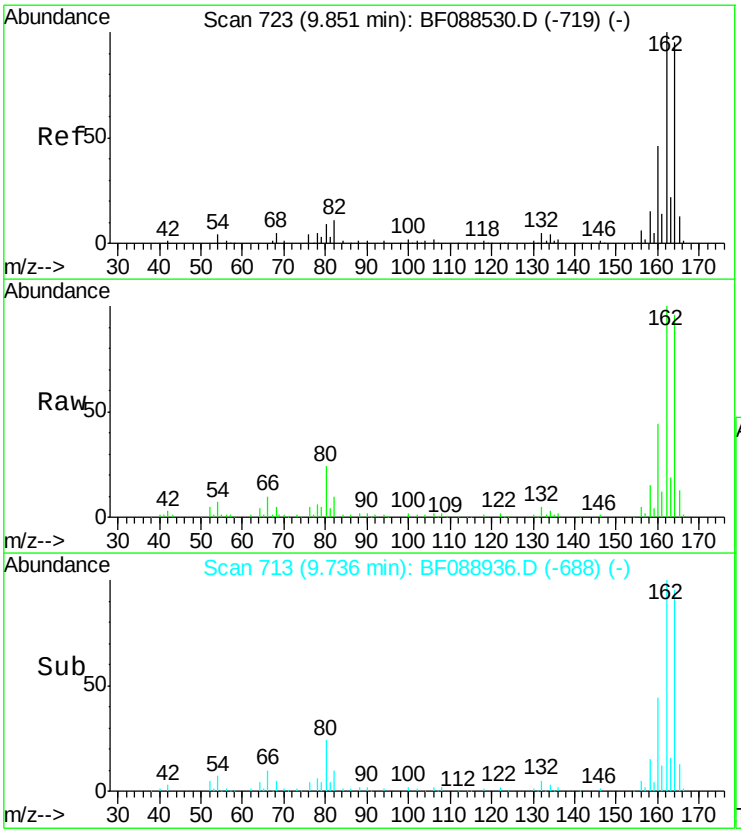
#37
2-Methylnaphthalene
Concen: 0.52 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:142 Resp: 3771

Ion	Ratio	Lower	Upper
142	100		
141	81.2	71.0	106.6
115	33.0	22.6	33.8

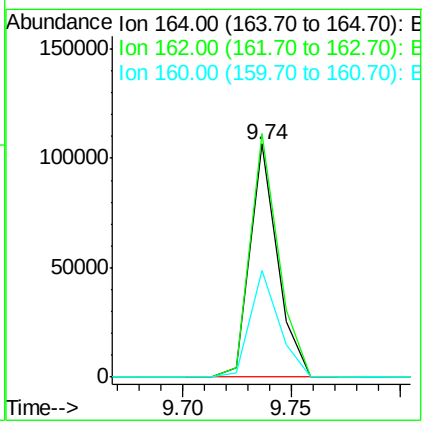


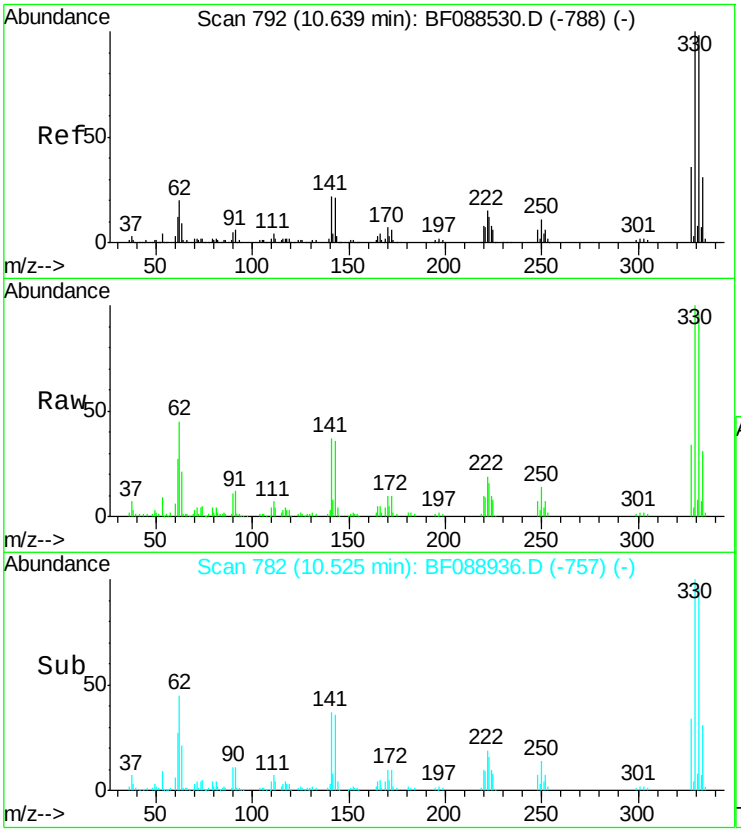


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:164 Resp: 93695

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	45.9	39.5	59.3



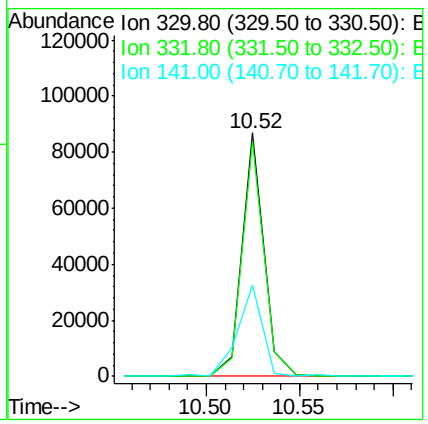


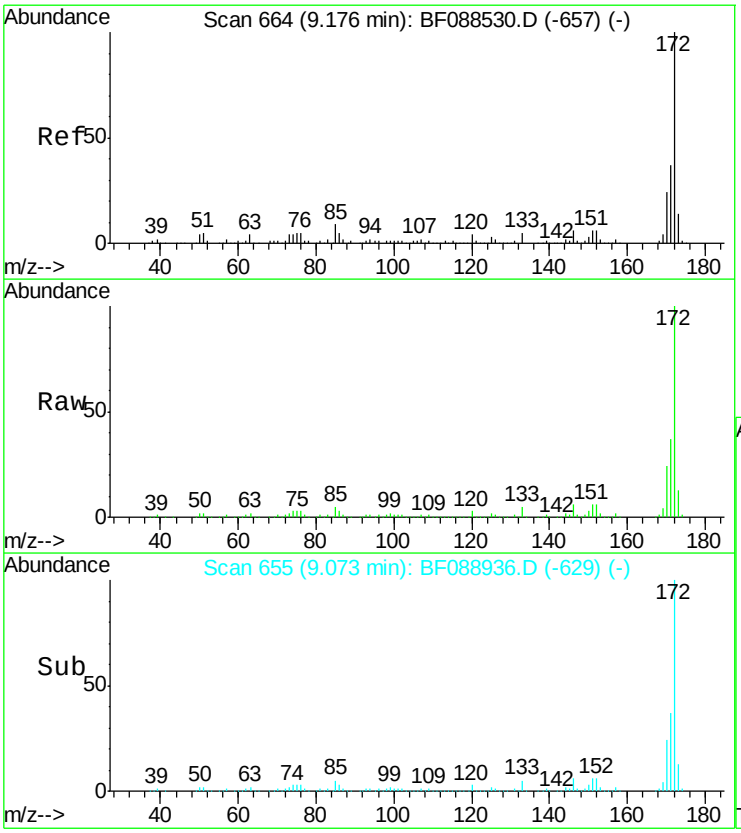
#41
2,4,6-Tribromophenol
Concen: 81.43 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:330 Resp: 70850

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	43.7	0.0	0.0#

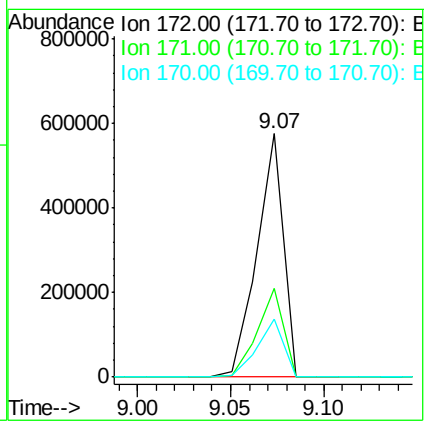


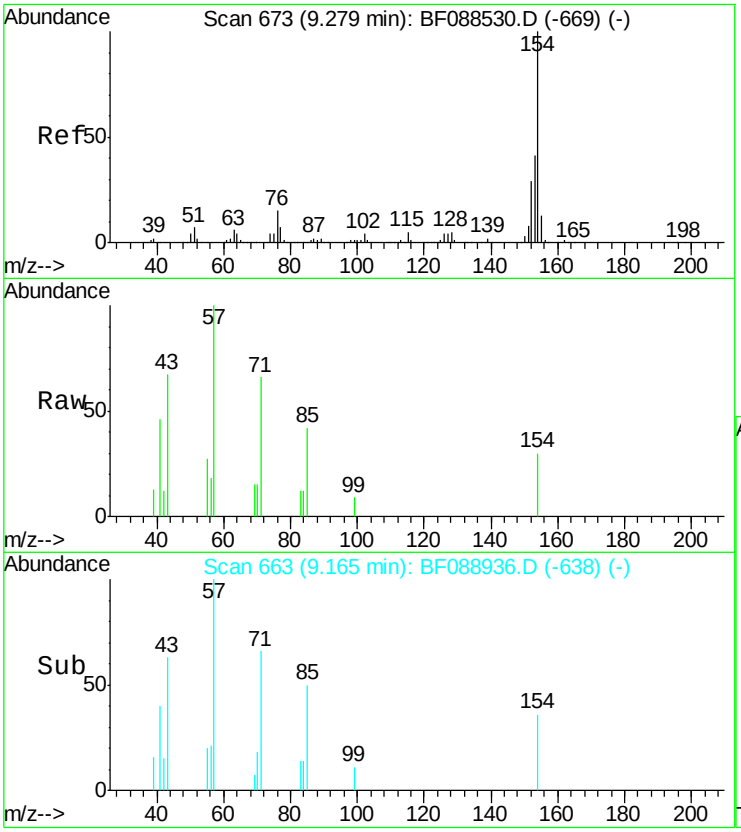


#44
2-Fluorobiphenyl
Concen: 94.57 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:172 Resp: 560978

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.1	19.2	28.8



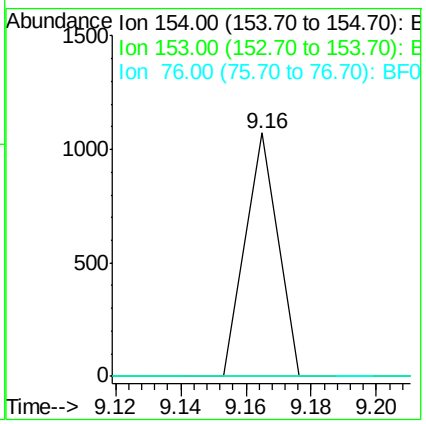


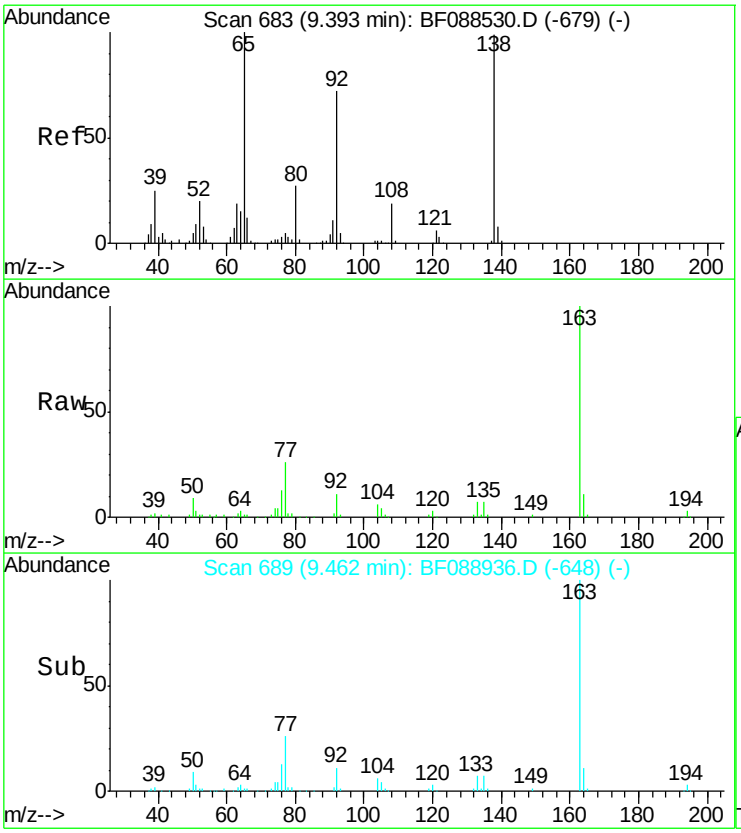
#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:154 Resp: 736

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

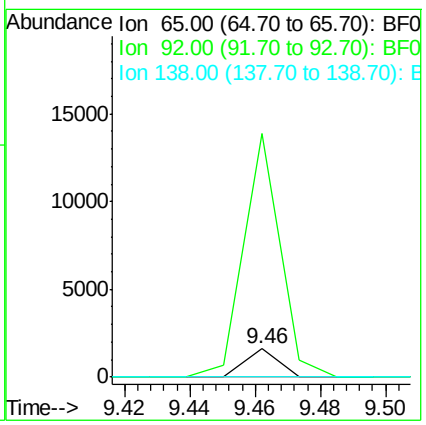


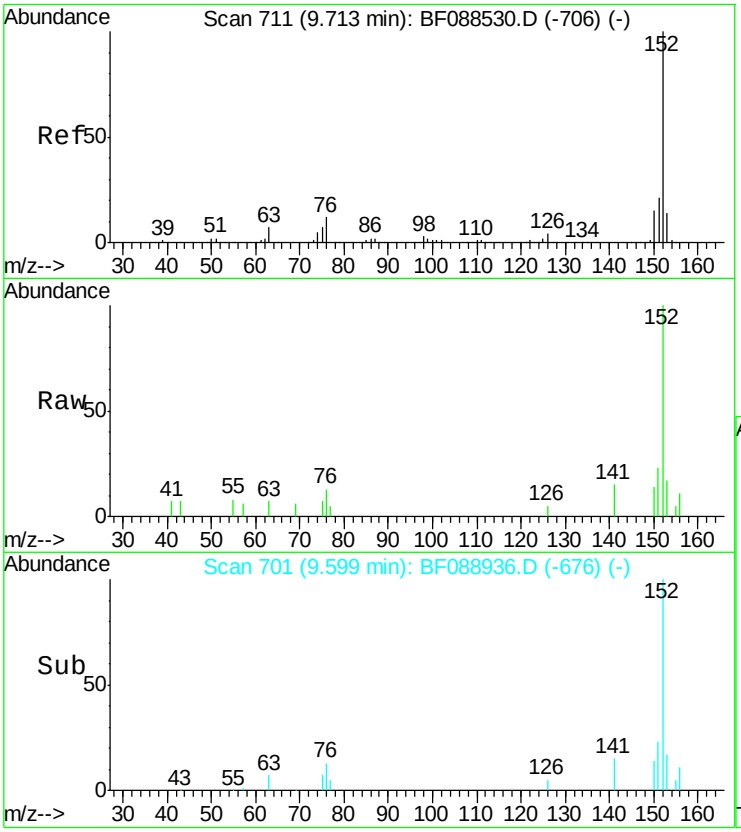


#47
2-Nitroaniline
Concen: 0.51 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 65 Resp: 1093

Ion	Ratio	Lower	Upper
65	100		
92	870.5	54.6	82.0#
138	0.0	77.0	115.4#



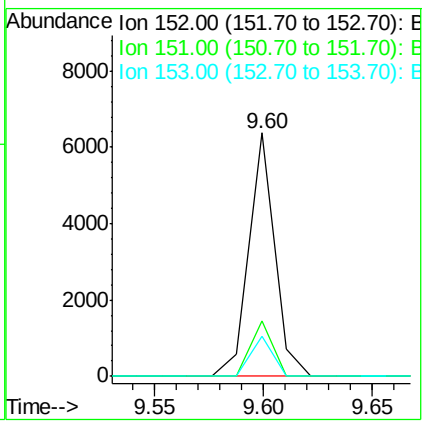


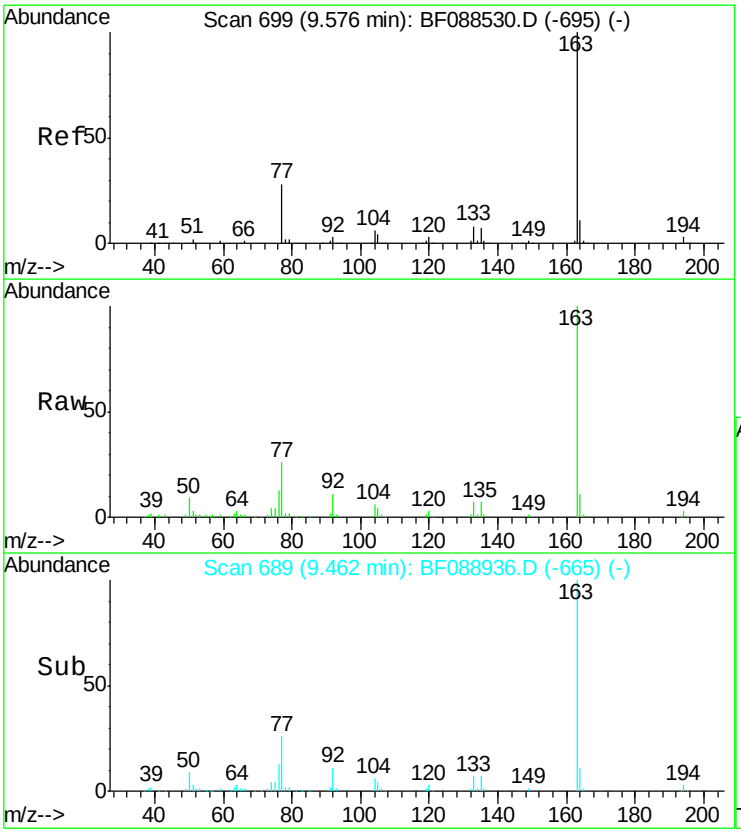
#48
Acenaphthylene
Concen: 0.54 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:152 Resp: 5254

Ion	Ratio	Lower	Upper
152	100		
151	23.0	16.2	24.4
153	16.6	11.0	16.6#

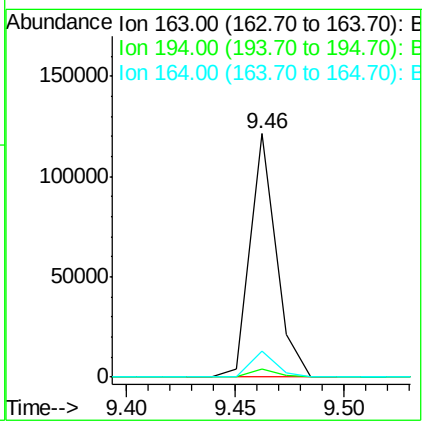


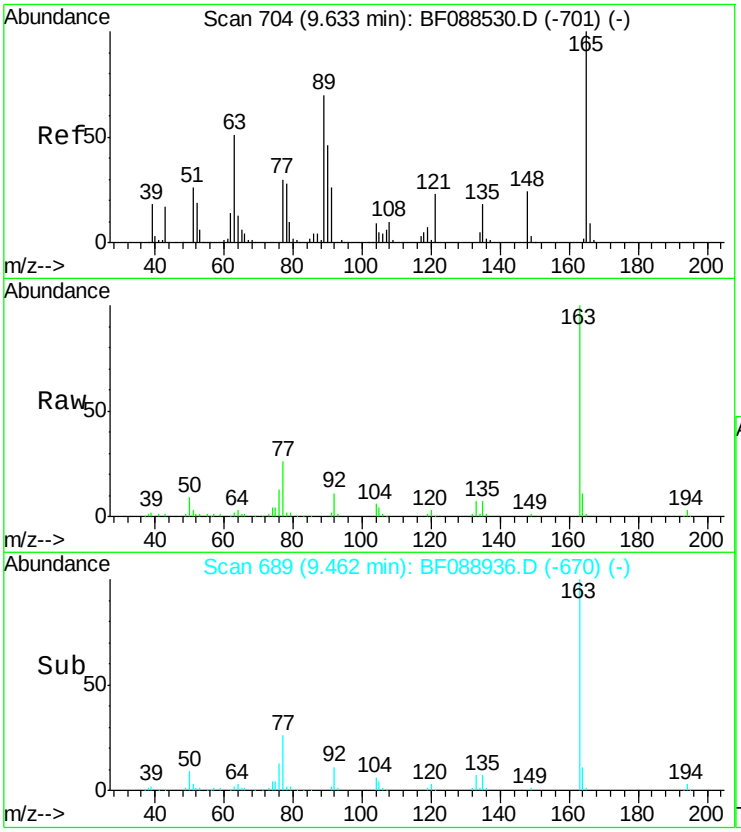


#49
Dimethylphthalate
Concen: 15.06 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:163 Resp: 100503

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.6	8.3	12.5



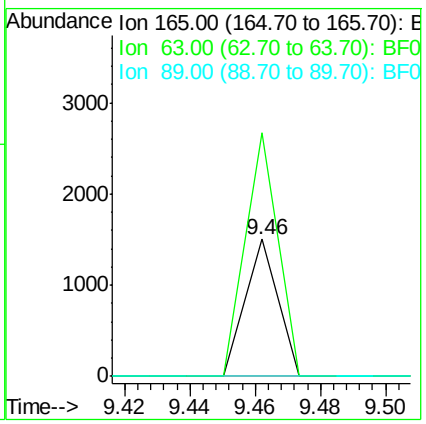


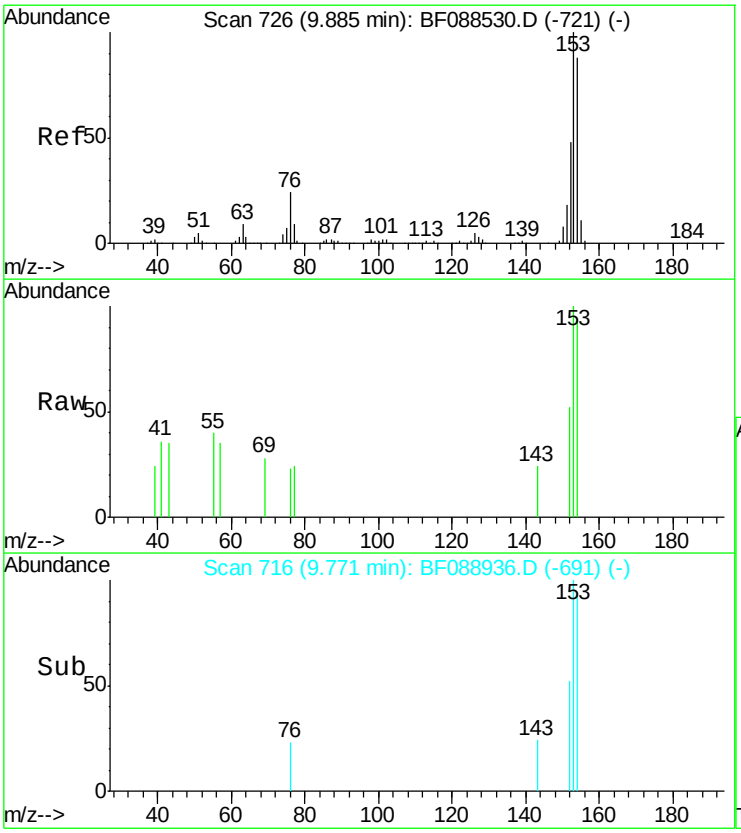
#50
2,6-Dinitrotoluene
Concen: 0.70 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.08 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:165 Resp: 1031

Ion	Ratio	Lower	Upper
165	100		
63	177.6	28.1	42.1#
89	0.0	32.2	48.2#

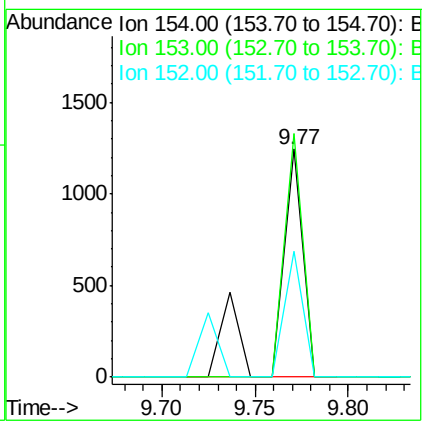


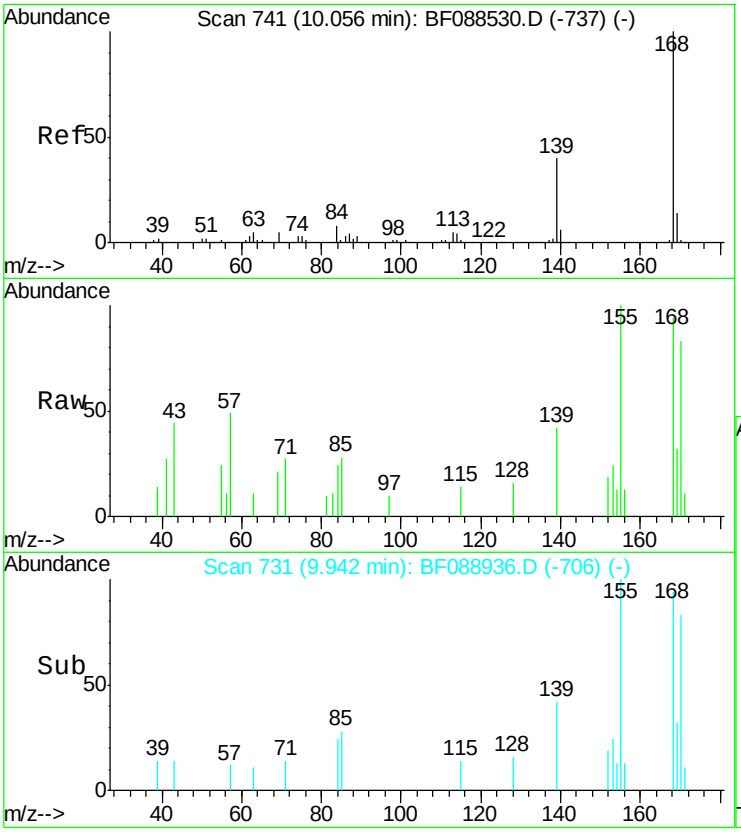


#51
Acenaphthene
Concen: 0.20 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:154 Resp: 1171

Ion	Ratio	Lower	Upper
154	100		
153	106.8	89.5	134.3
152	55.1	42.7	64.1



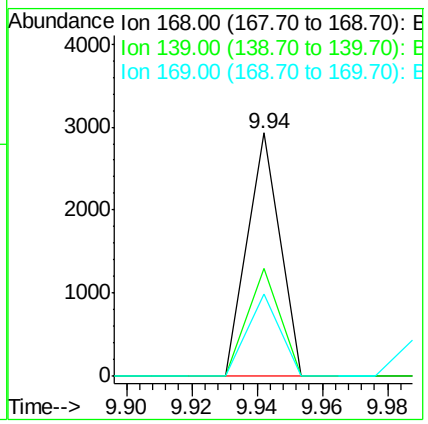


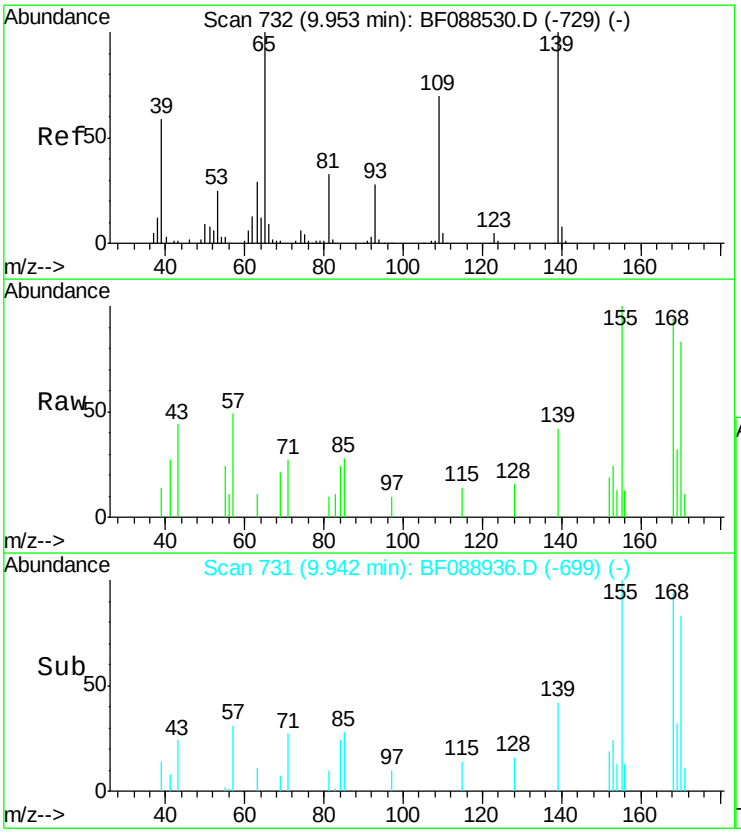
#54
Dibenzofuran
Concen: 0.26 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:168 Resp: 2009

Ion	Ratio	Lower	Upper
168	100		
139	44.5	26.4	39.6#
169	33.6	10.4	15.6#

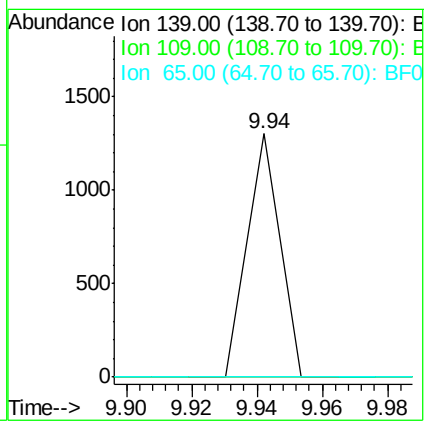


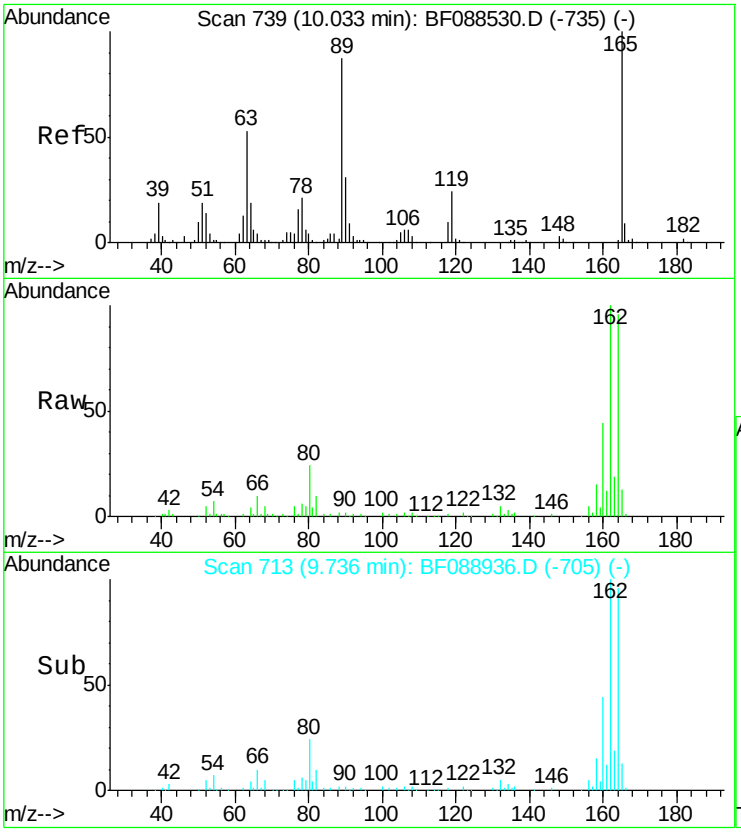


#55
4-Nitrophenol
Concen: 0.63 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.07 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:139 Resp: 894

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



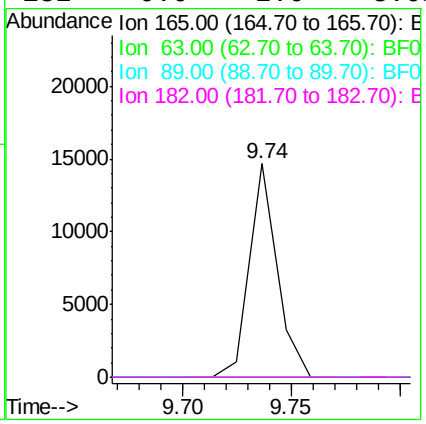


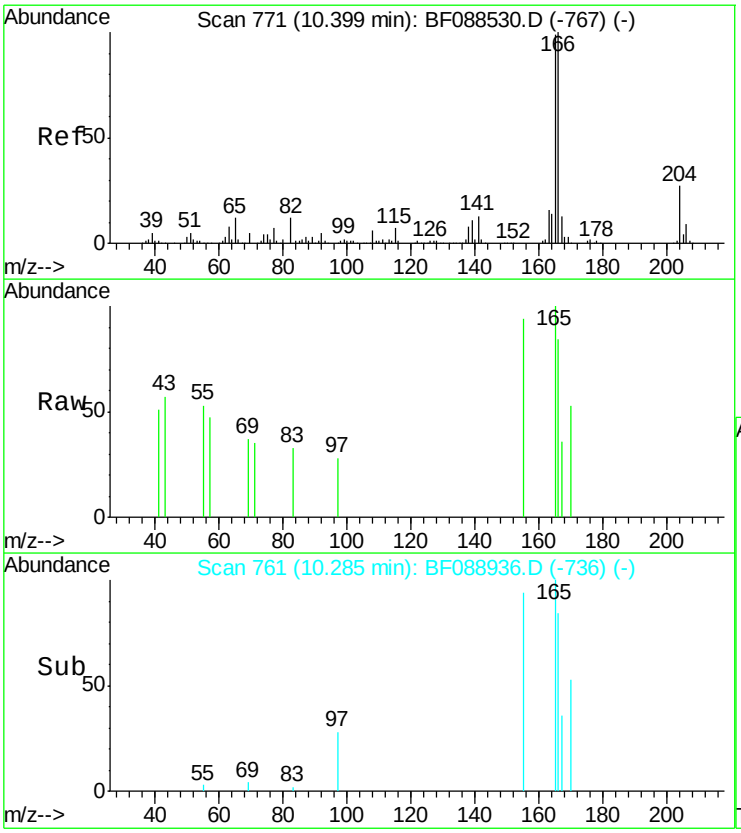
#56
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.21 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:165 Resp: 12979

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

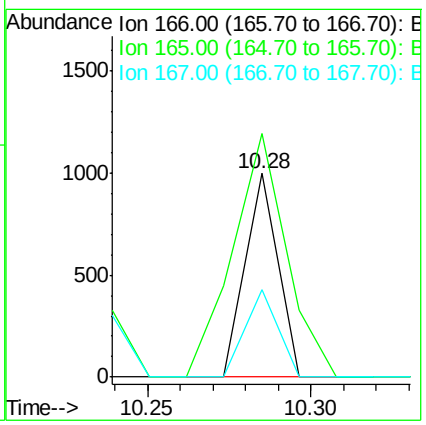


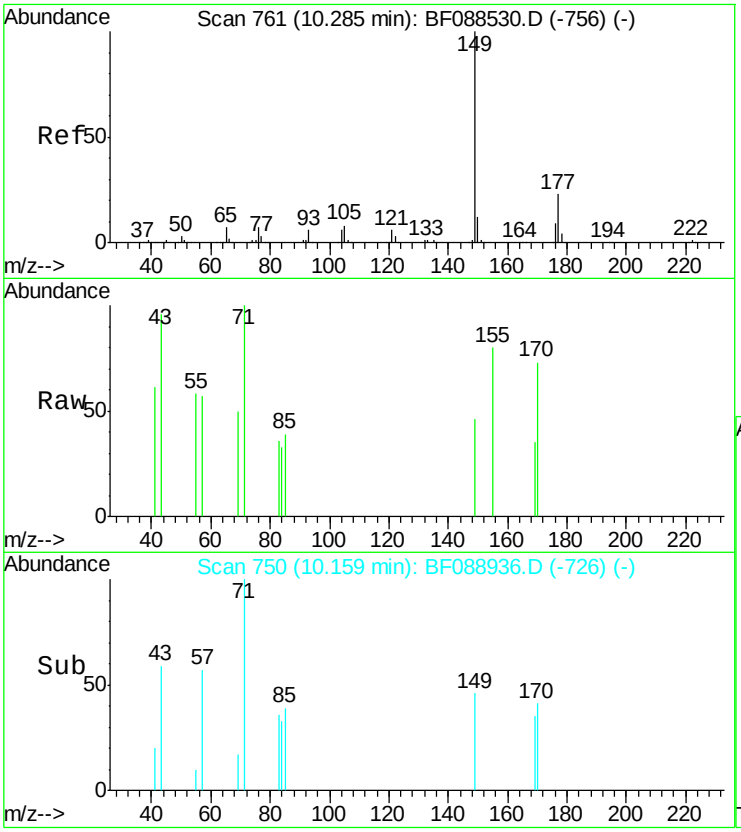


#57
Fluorene
Concen: 0.11 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:166 Resp: 684

Ion	Ratio	Lower	Upper
166	100		
165	119.6	77.8	116.8#
167	42.8	11.2	16.8#



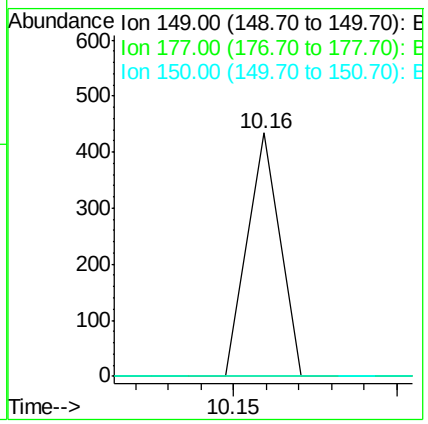


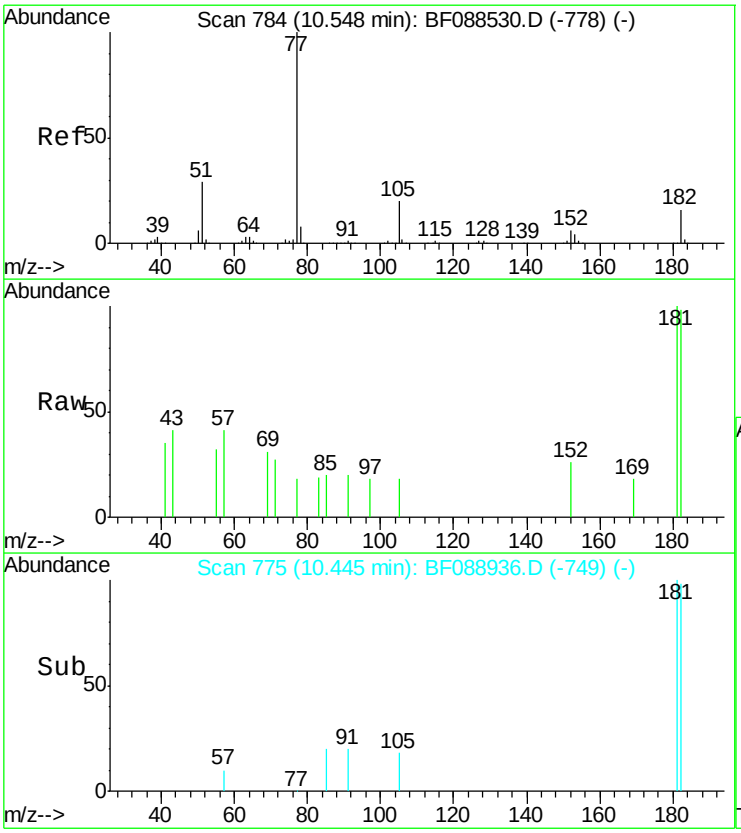
#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument : BNA_F
ClientSampleId : C3-03

Tgt Ion:149 Resp: 298

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.9	25.3#
150	0.0	10.1	15.1#

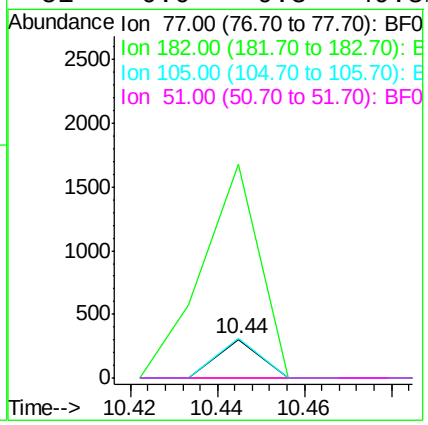


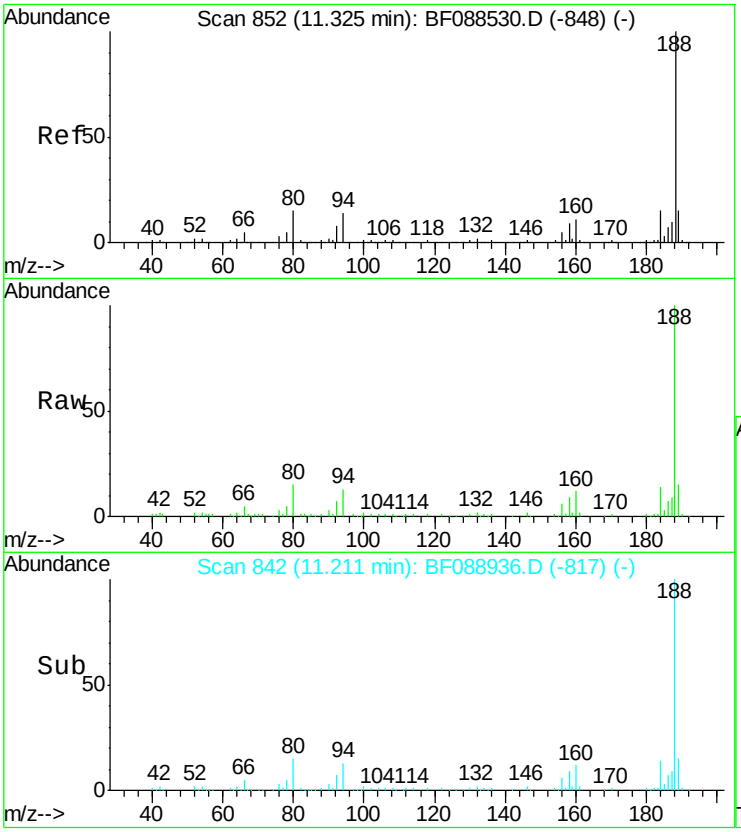


#62
Azobenzene
Concen: 0.03 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion: 77 Resp: 210

Ion	Ratio	Lower	Upper
77	100		
182	548.4	4.4	44.4#
105	101.3	3.8	43.8#
51	0.0	9.3	49.3#



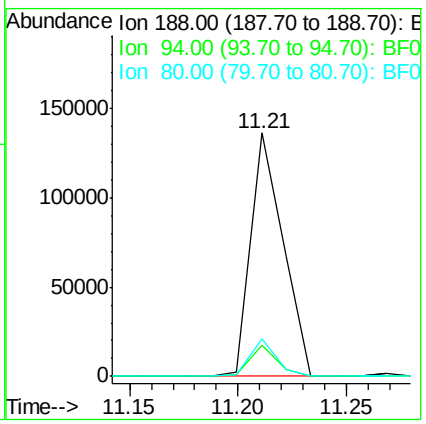


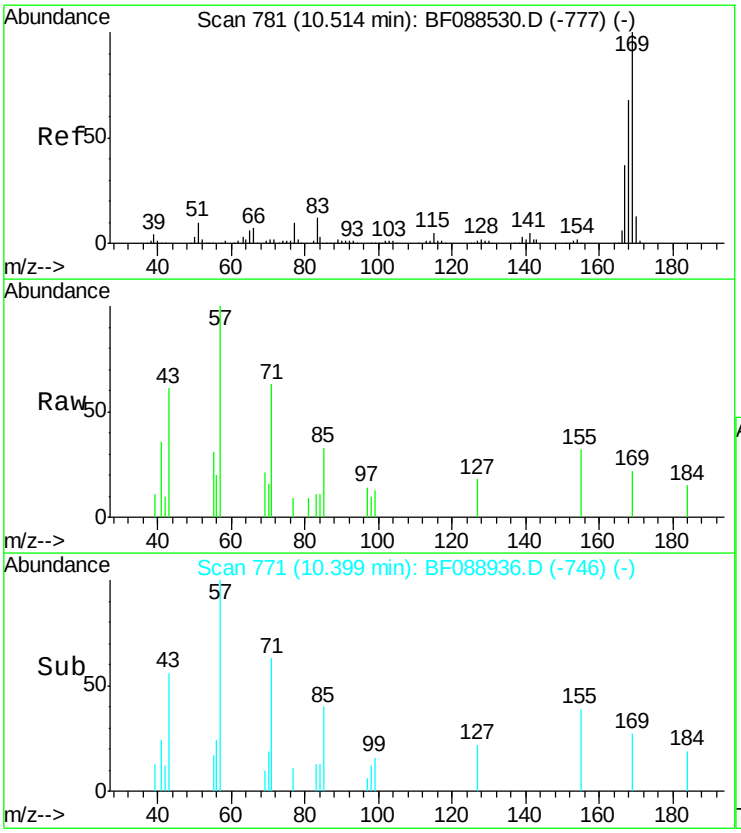
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:188 Resp: 141337

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.0	13.6
80	15.2	10.0	15.0#

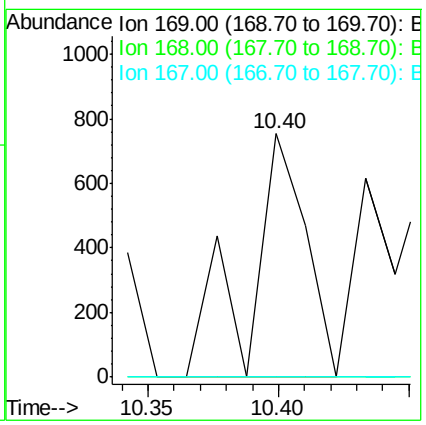


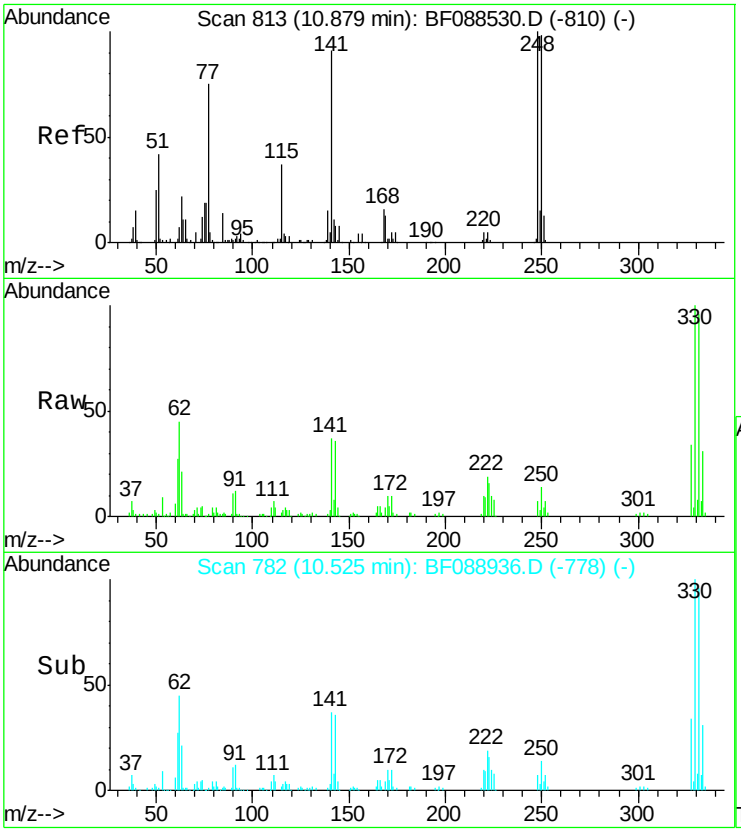


#65
n-Nitrosodiphenylamine
Concen: 0.24 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:169 Resp: 1140

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	0.0	29.4	44.0#



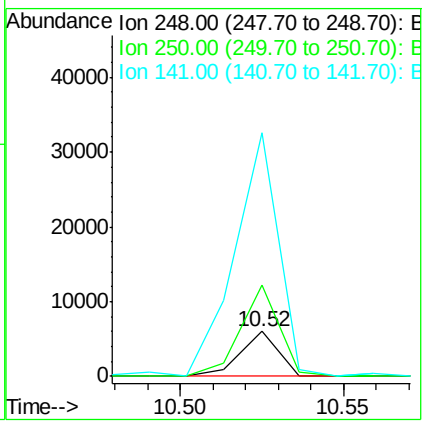


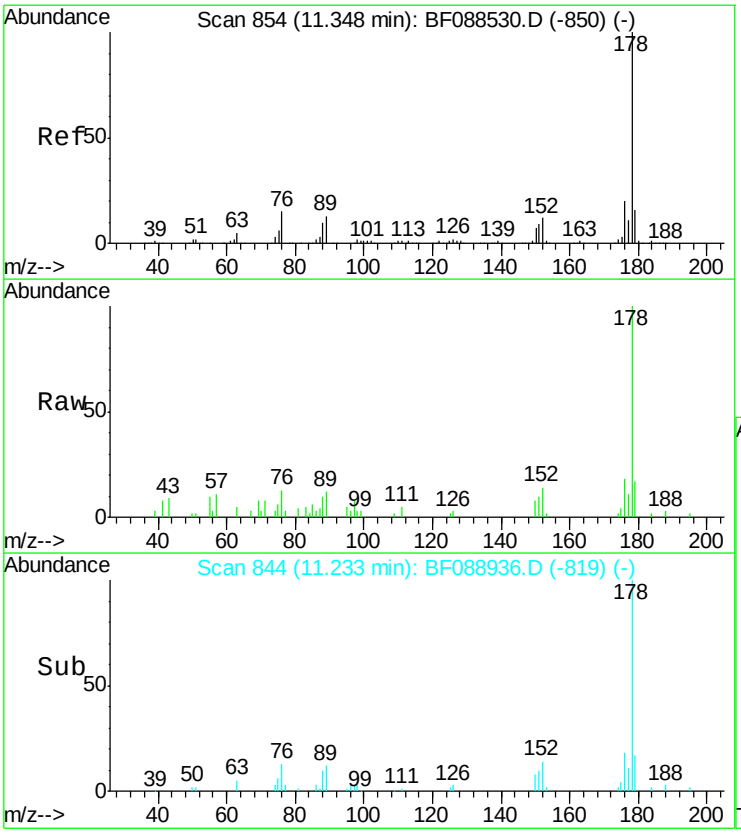
#66
4-Bromophenyl-phenylether
Concen: 3.36 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:248 Resp: 4783

Ion	Ratio	Lower	Upper
248	100		
250	202.5	77.1	115.7#
141	541.2	50.6	76.0#

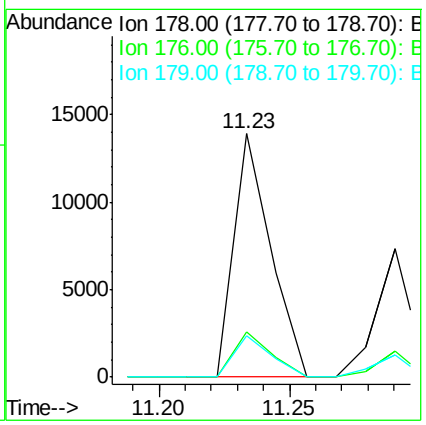


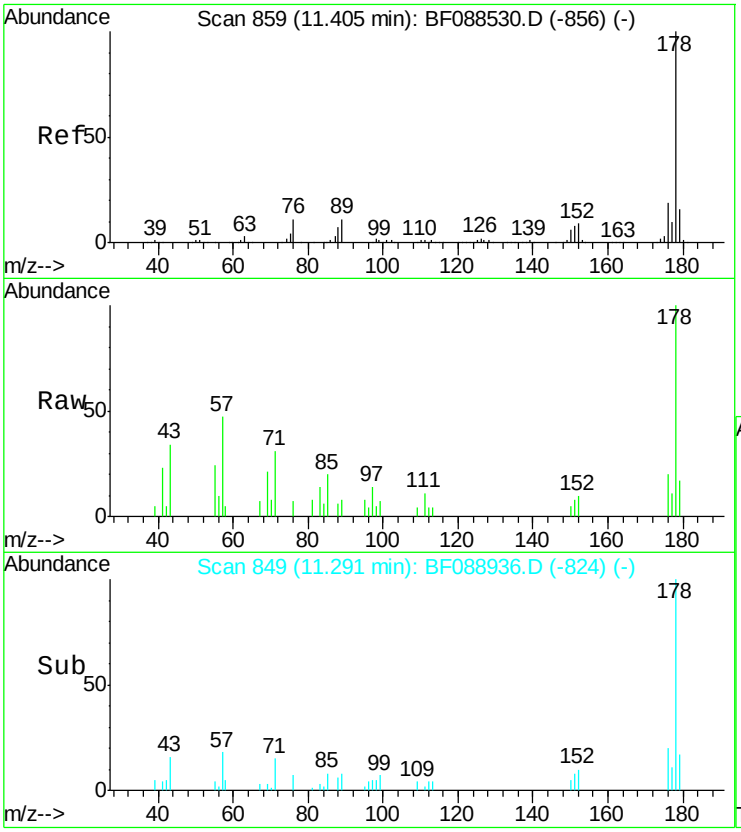


#70
Phenanthrene
Concen: 1.76 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:178 Resp: 13615

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.6
179	17.1	13.0	19.4



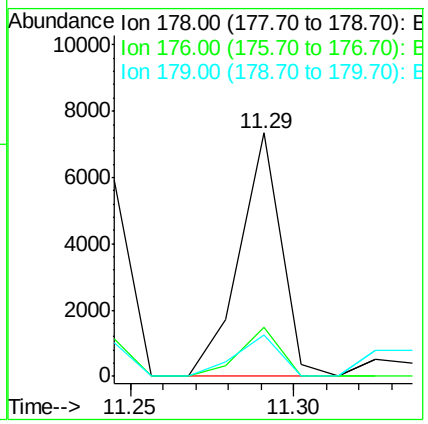


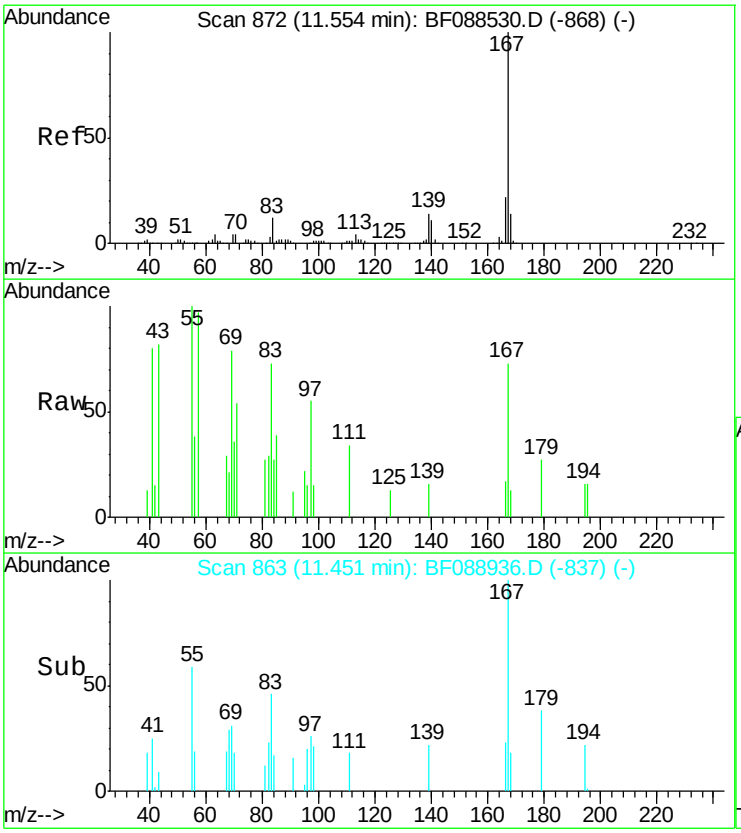
#71
Anthracene
Concen: 0.84 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:178 Resp: 6467

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	17.0	12.8	19.2

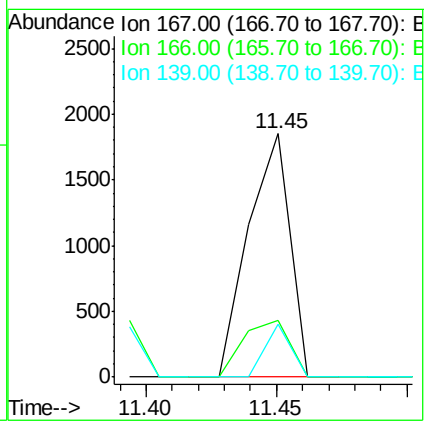


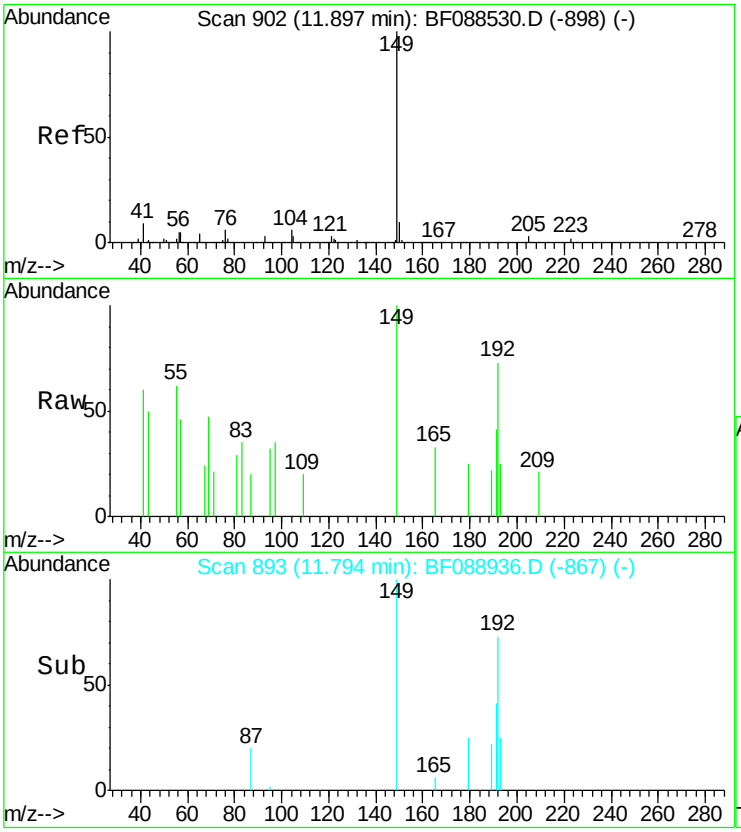


#72
Carbazole
Concen: 0.29 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:167 Resp: 2069

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.8	26.6
139	21.8	11.2	16.8#



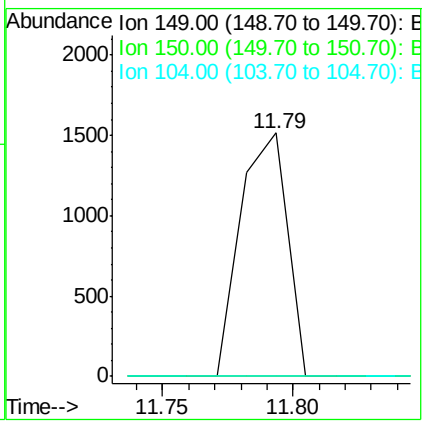


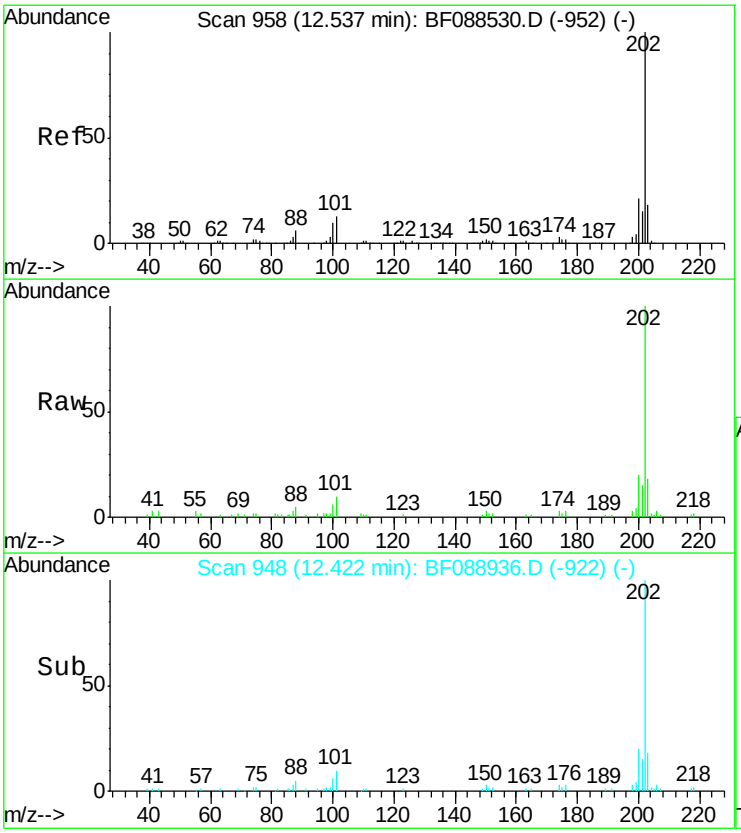
#73
Di-n-butylphthalate
Concen: 0.23 ng
RT: 11.79 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument : BNA_F
ClientSampleId : C3-03

Tgt Ion:149 Resp: 1911

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#

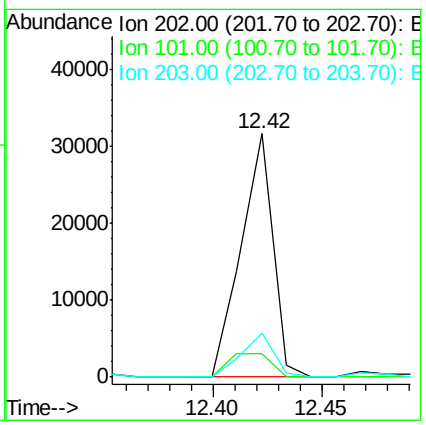


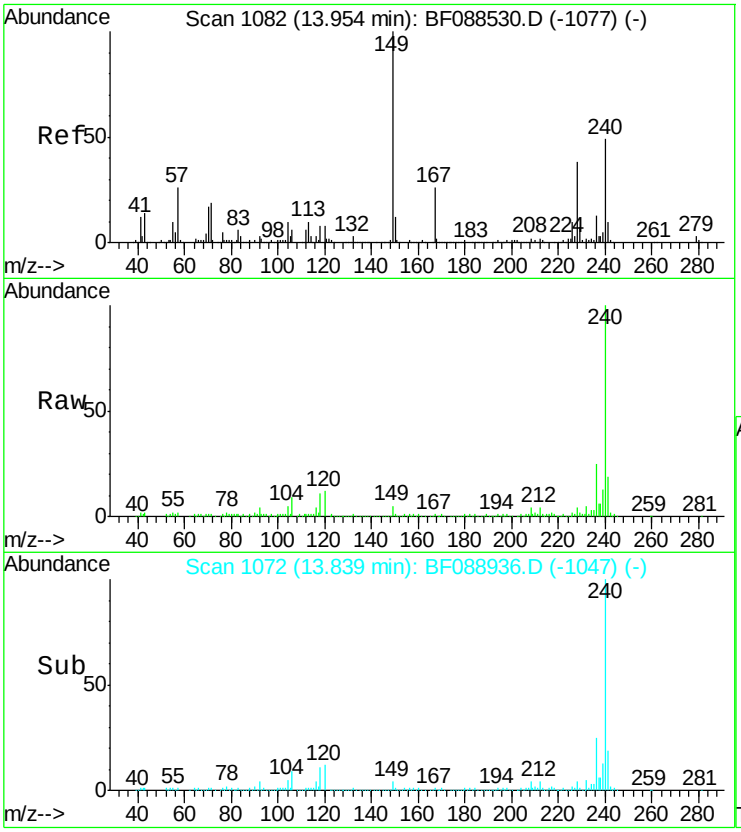


#74
Fluoranthene
Concen: 4.11 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:202 Resp: 32221

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	33.1
203	18.1	0.0	38.1



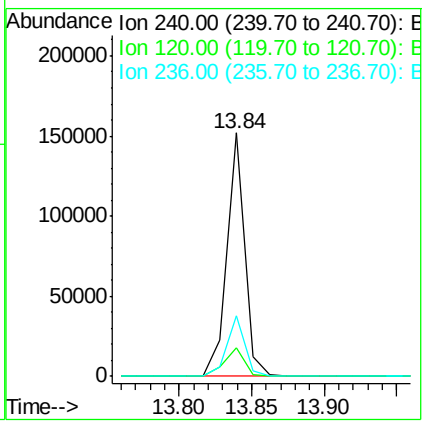


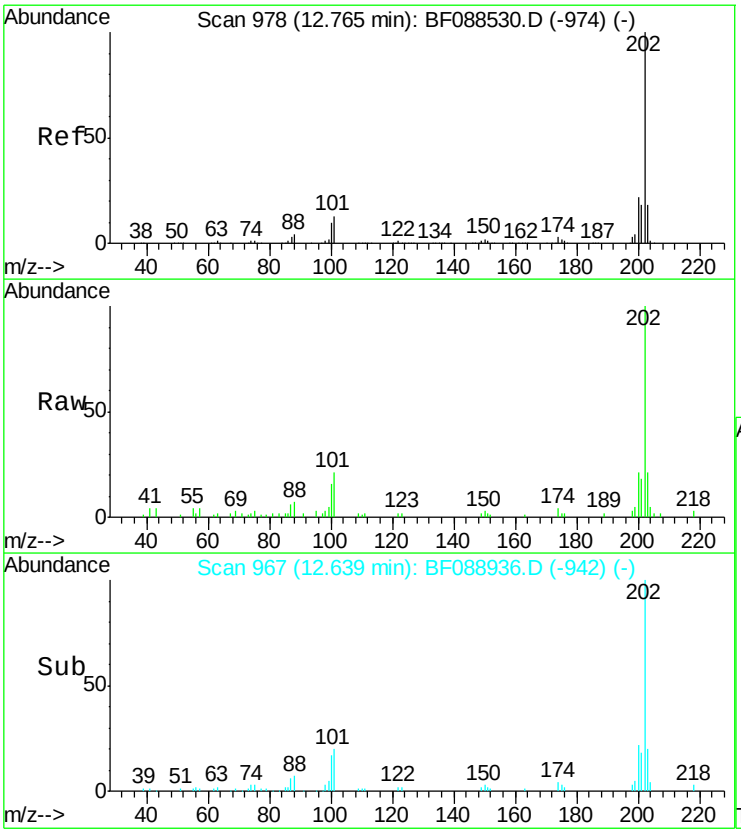
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:240 Resp: 129462

Ion	Ratio	Lower	Upper
240	100		
120	11.7	6.8	10.2#
236	25.1	20.2	30.2

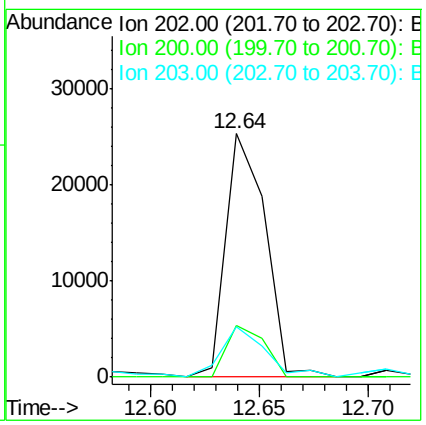


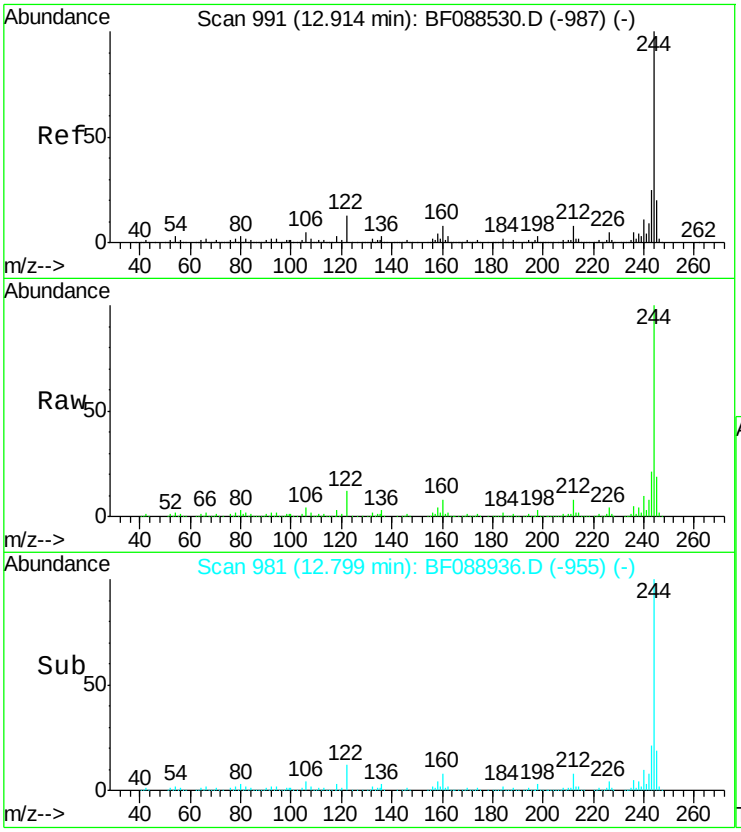


#77
Pyrene
Concen: 2.90 ng
RT: 12.64 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:202 Resp: 31888

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	20.8	14.5	21.7



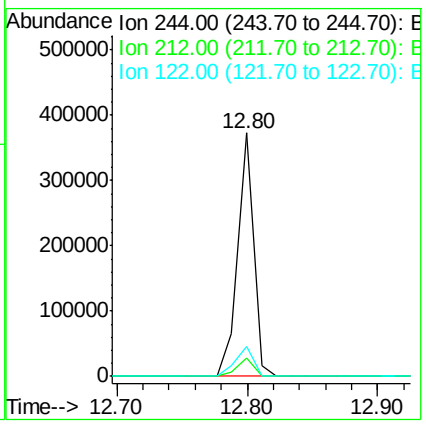


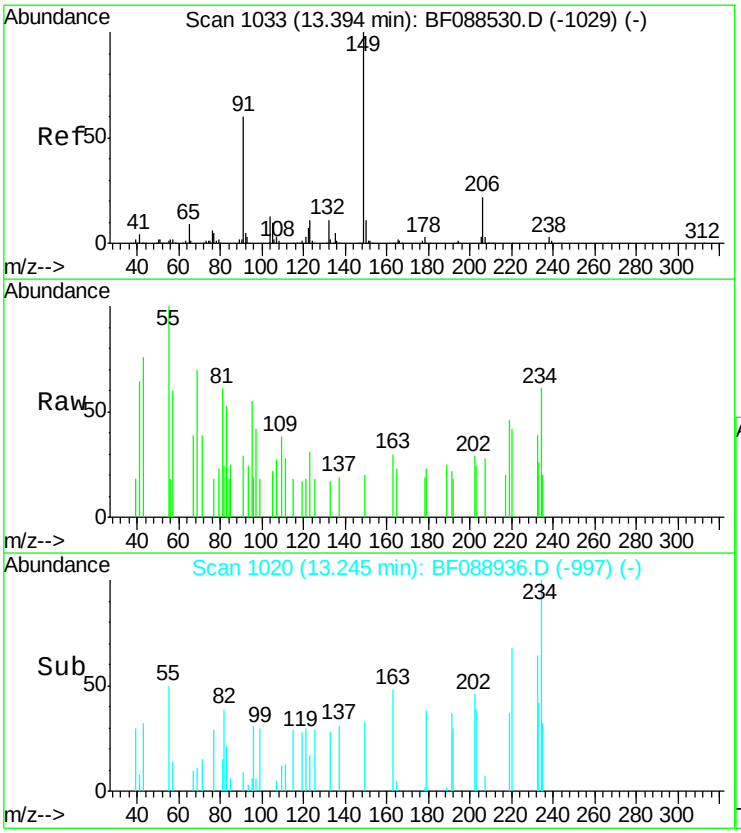
#78
Terphenyl-d14
Concen: 53.70 ng
RT: 12.80 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument : BNA_F
ClientSampleId : C3-03

Tgt Ion:244 Resp: 312103

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.0	11.2	16.8

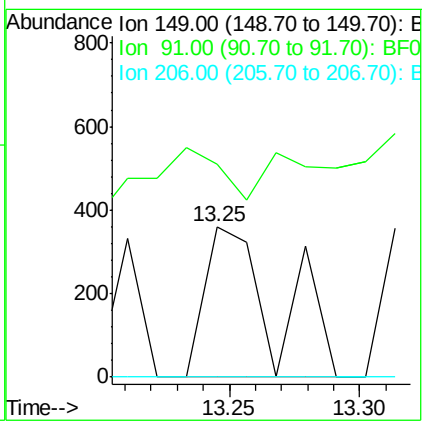


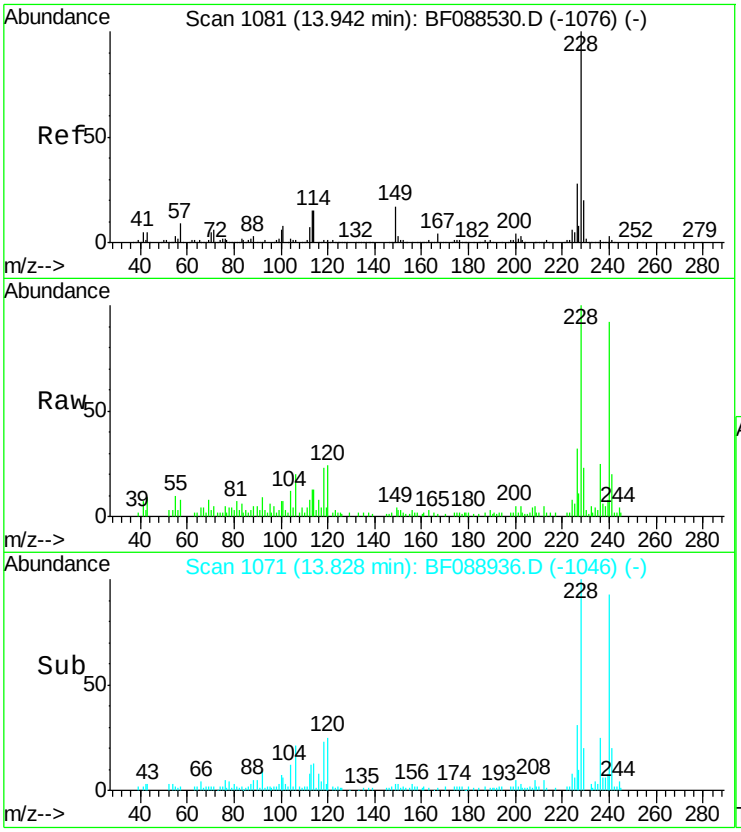


#79
Butylbenzylphthalate
Concen: 0.14 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:149 Resp: 684

Ion	Ratio	Lower	Upper
149	100		
91	141.7	48.0	72.0#
206	0.0	16.0	24.0#



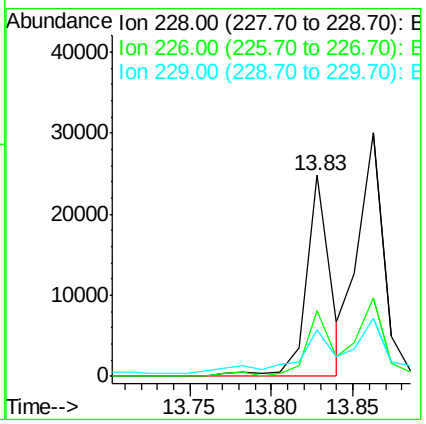


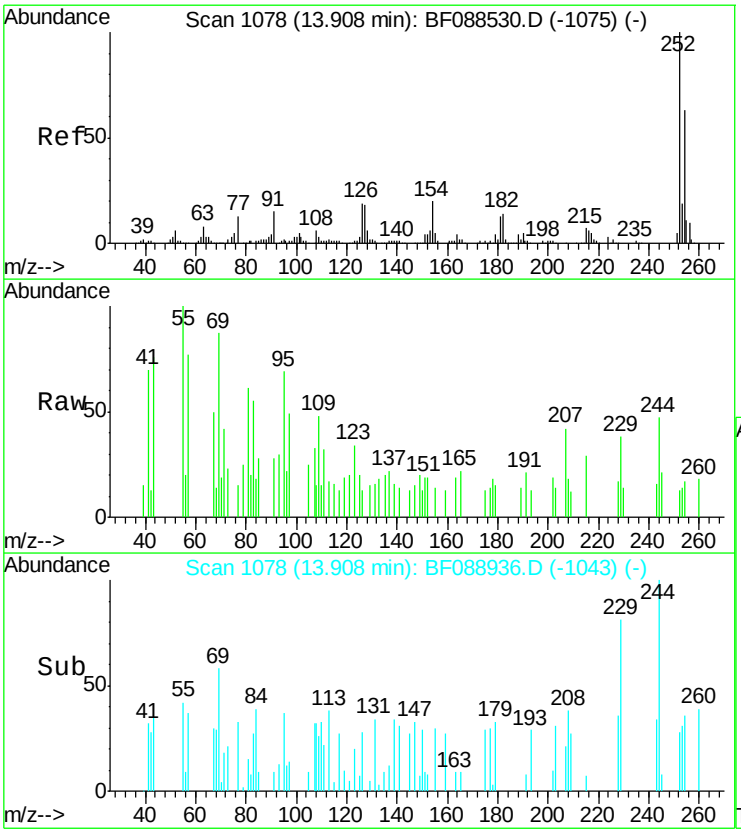
#80
Benzo(a)anthracene
Concen: 3.03 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:228 Resp: 25221

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.3	33.5
229	23.0	16.0	24.0

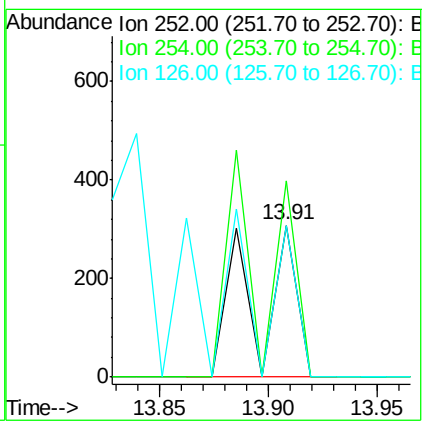


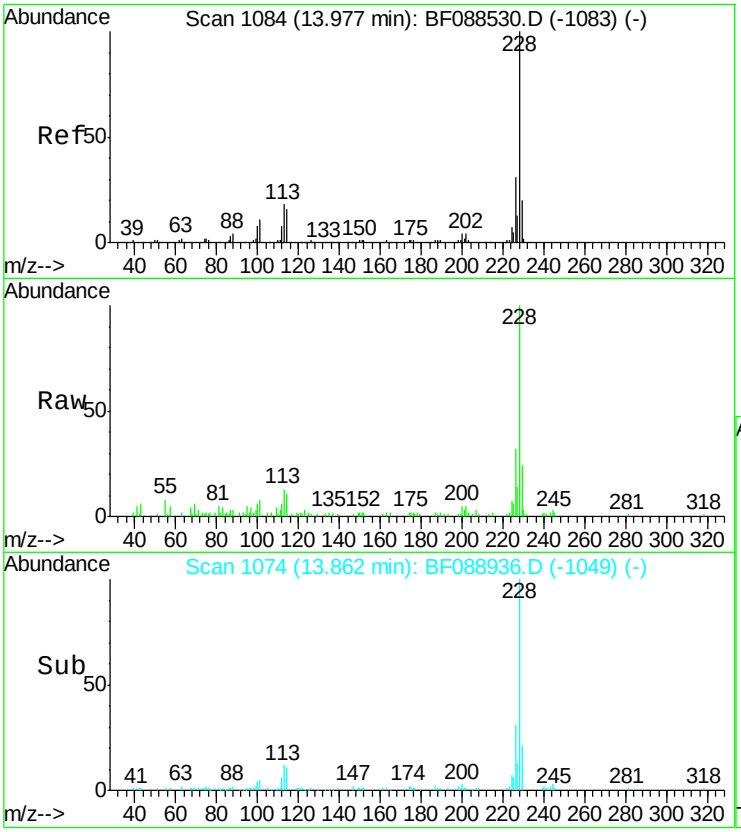


#81
3,3'-Dichlorobenzidine
Concen: 0.13 ng
RT: 13.91 min Scan# 1078
Delta R.T. 0.10 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:252 Resp: 418

Ion	Ratio	Lower	Upper
252	100		
254	129.2	52.6	78.8#
126	100.0	6.2	9.2#



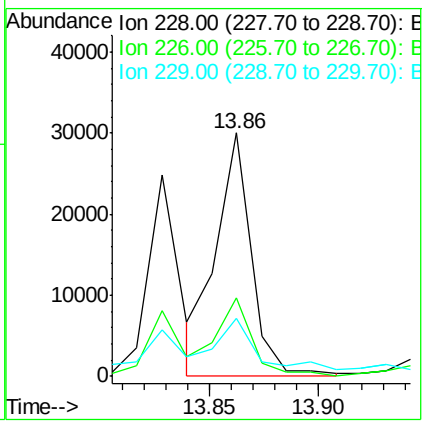


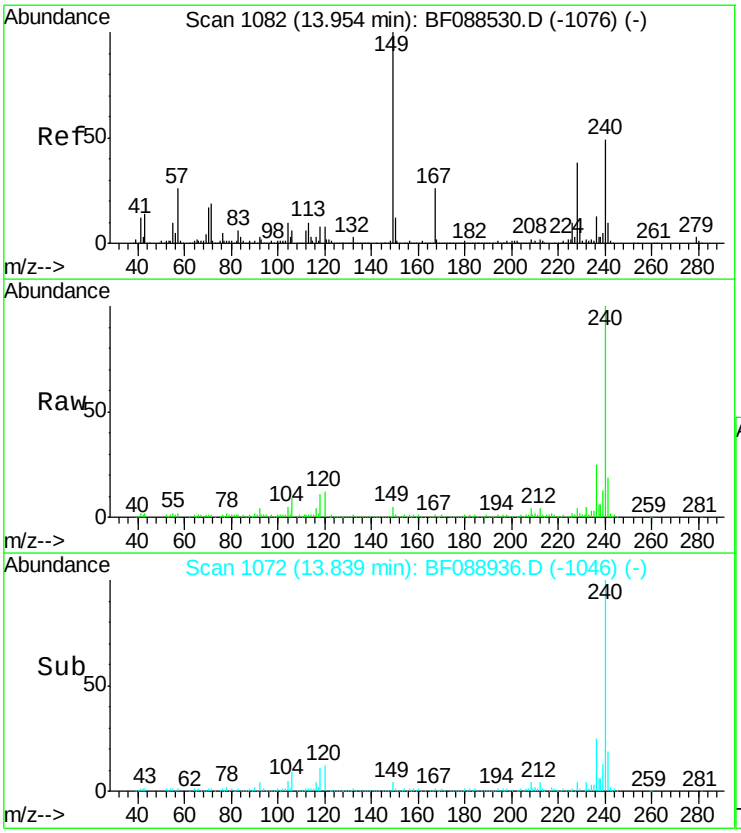
#82
Chrysene
Concen: 4.11 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:228 Resp: 33936

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.2
229	23.9	16.3	24.5

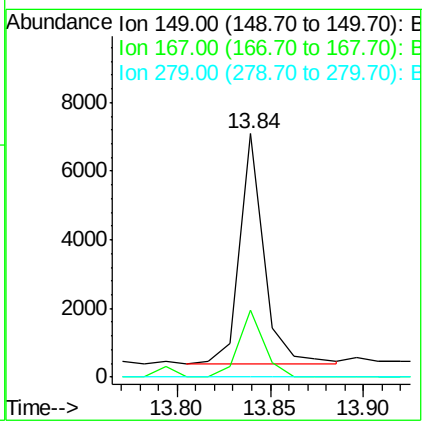


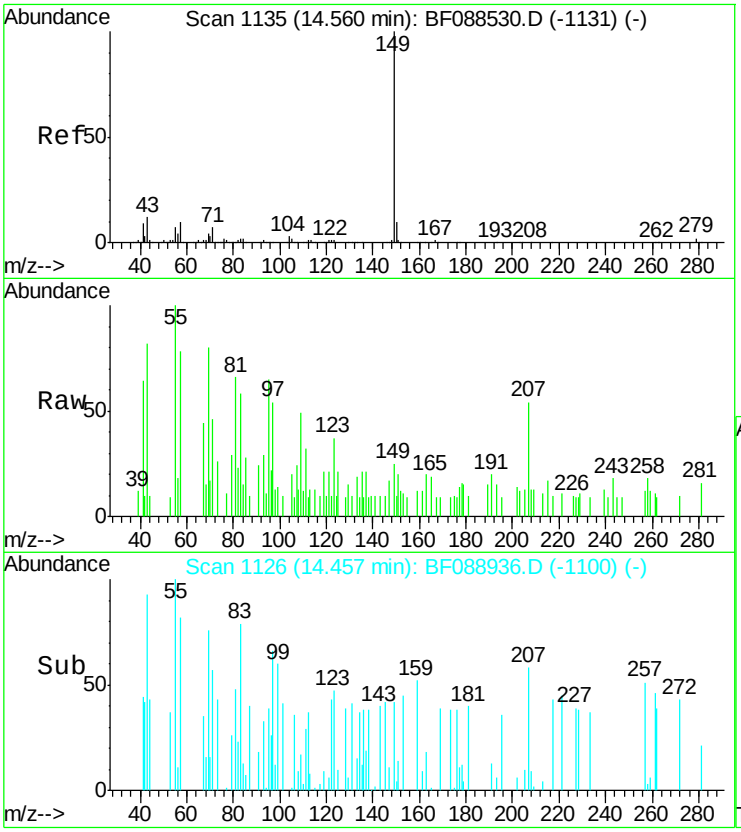


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.10 ng
RT: 13.84 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:149 Resp: 6137

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.5	30.7
279	0.0	2.0	3.0#



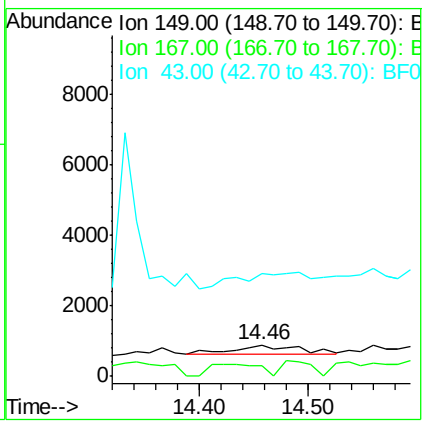


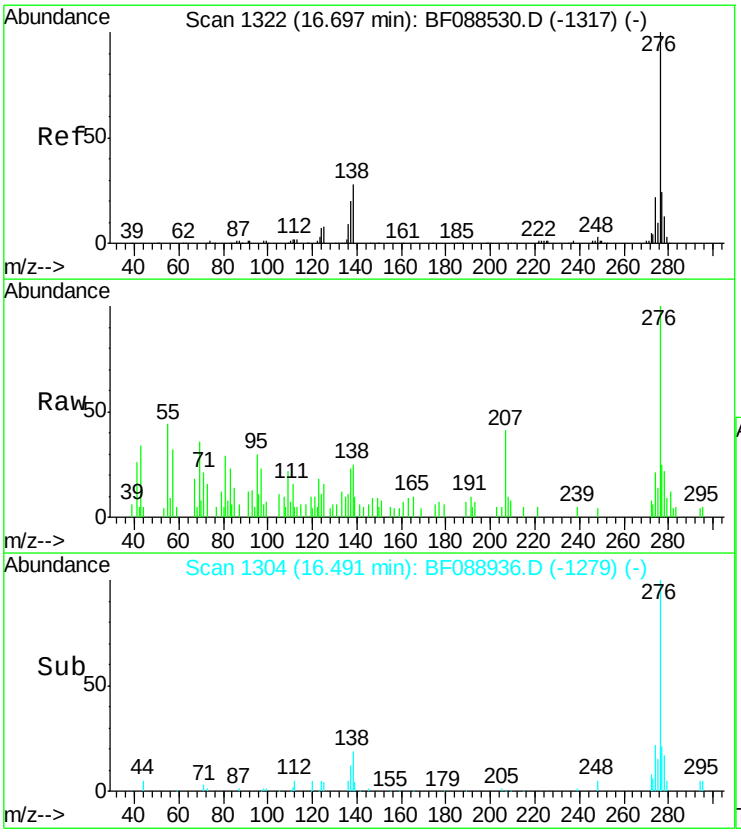
#84
Di-n-octyl phthalate
Concen: 0.11 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:149 Resp: 1090

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

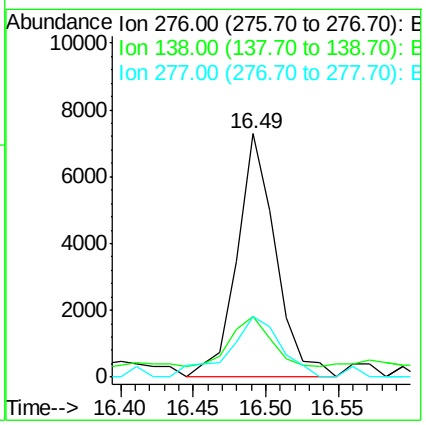


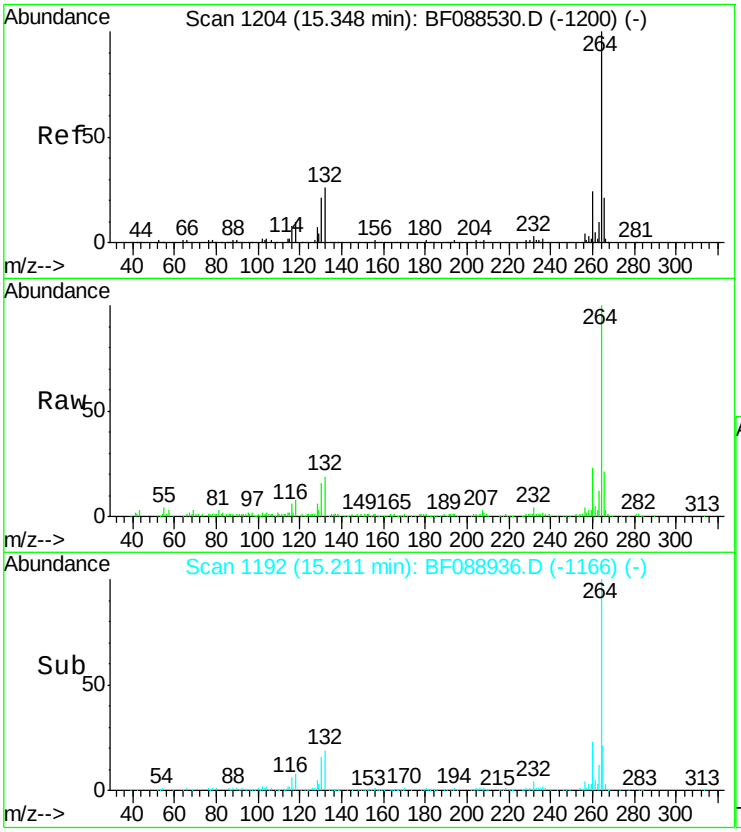


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 16.49 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:276 Resp: 13451

Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.0	0.0#
277	33.7	0.0	0.0#



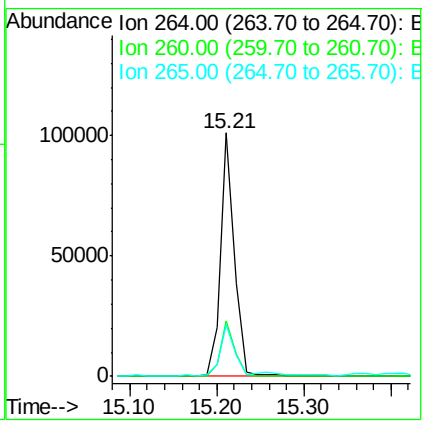


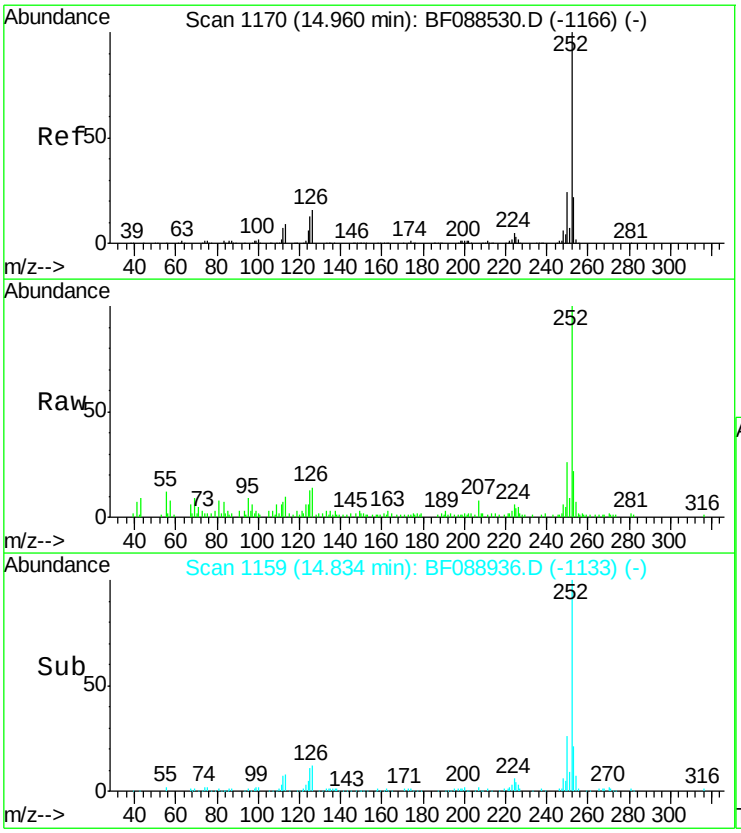
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:264 Resp: 113544

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.5	16.9	25.3

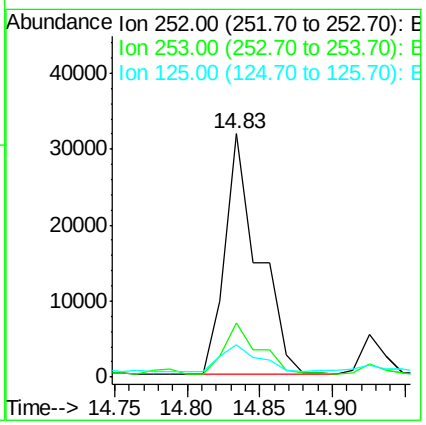


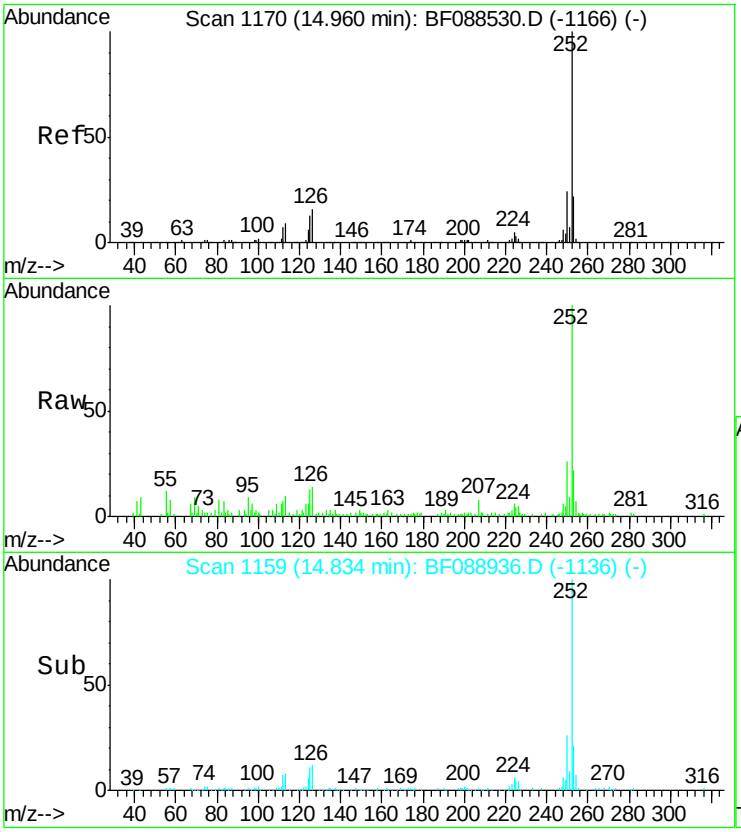


#87
Benzo(b)fluoranthene
Concen: 7.15 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:252 Resp: 50933

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.3	7.1	10.7#



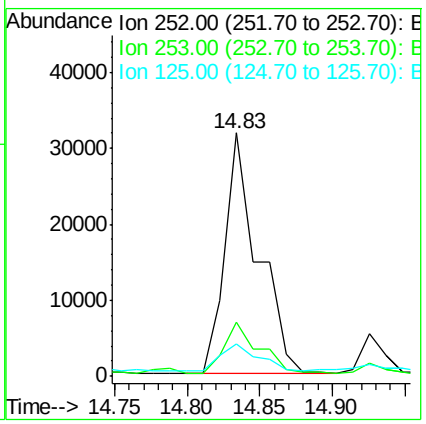


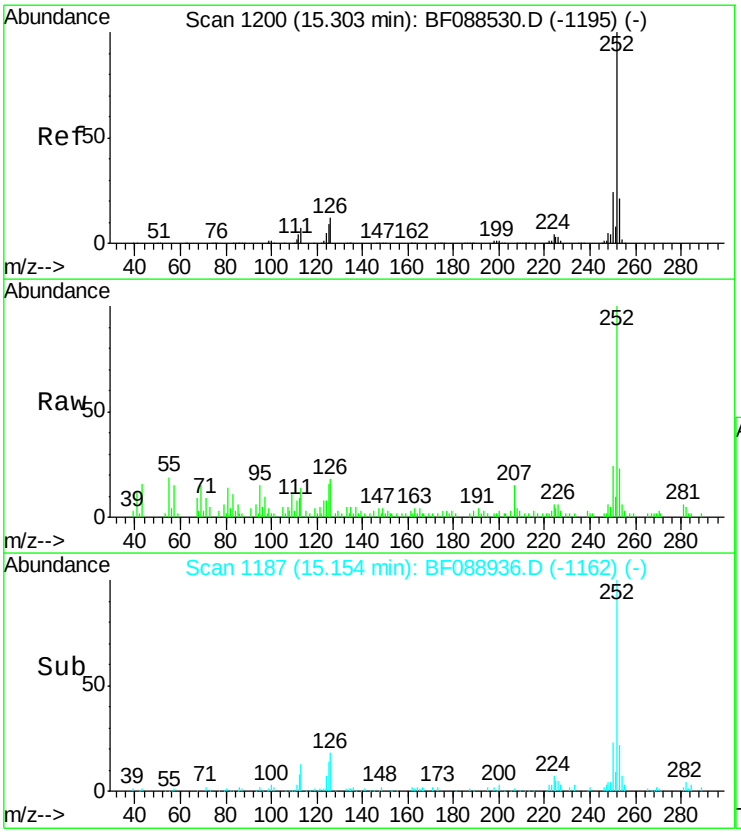
#88
Benzo(k)fluoranthene
Concen: 8.21 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:252 Resp: 50930

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.3	11.2	16.8

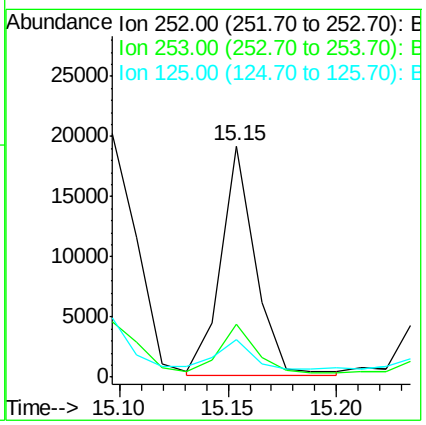


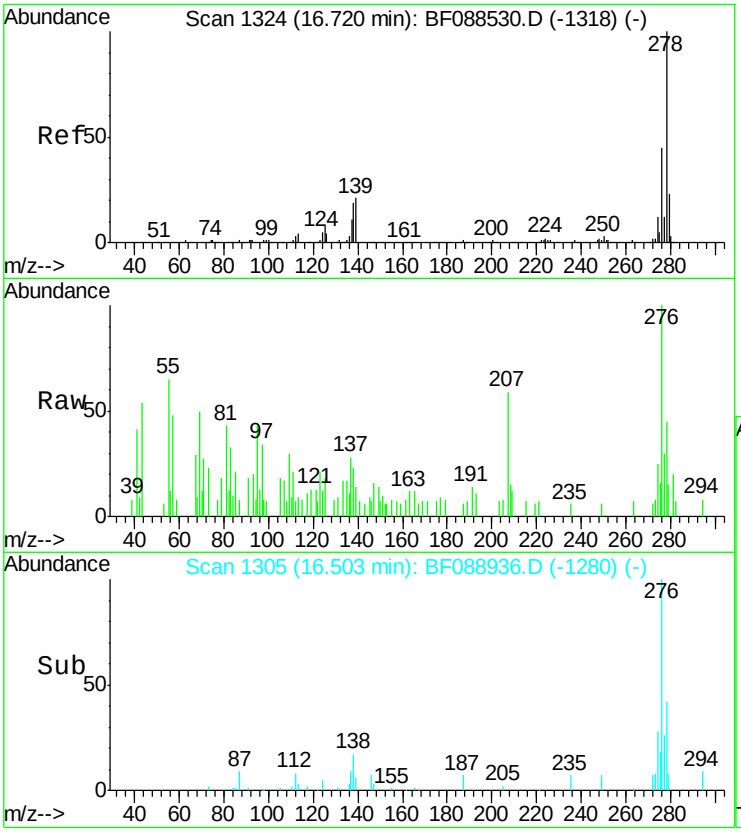


#89
Benzo(a)pyrene
Concen: 3.49 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:252 Resp: 21035

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	16.3	12.5	18.7



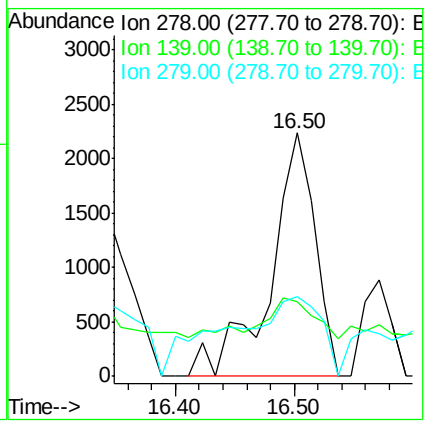


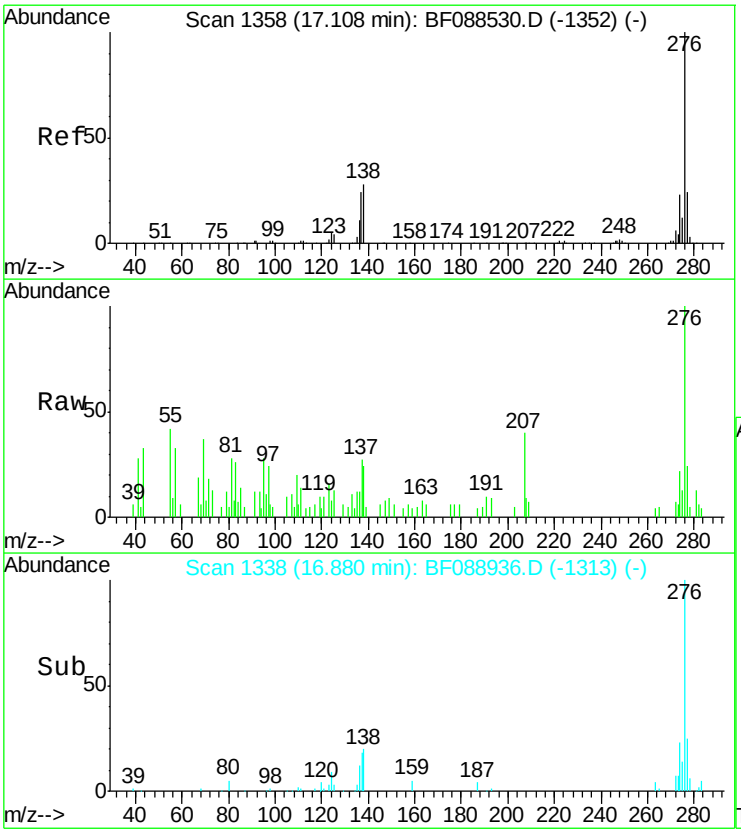
#90
Dibenzo(a,h)anthracene
Concen: 1.16 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Instrument :
BNA_F
ClientSampleId :
C3-03

Tgt Ion:278 Resp: 5835

Ion	Ratio	Lower	Upper
278	100		
139	30.4	15.7	23.5#
279	32.5	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 2.73 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088936.D
Acq: 12 Jul 2016 23:27

Tgt Ion:276 Resp: 14206

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	24.3	21.4	32.2