Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K201-0-2

Quant Time: Dec 16 00:53:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96334	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	379599	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	145928	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	235159	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	196669	20.00	ng		-0.01
86) Perylene-d12	15.51	264	147924	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	682953	114.37	ng		-0.01
7) Phenol-d6	6.54	99	987625	130.60	ng		0.00
23) Nitrobenzene-d5	7.47	82	594395	87.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	164200	110.43	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	823291	81.67	ng		-0.02
78) Terphenyl-d14	13.01	244	627958	68.68	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.54	93	74914	7.29	ng	#	82
9) Benzaldehyde	6.67	77	16866	4.15	ng		87
10) Phenol	6.56	94	22843	2.62	ng	#	63
15) Benzyl Alcohol	7.06	79	12406	2.23	ng	#	53
18) Hexachloroethane	7.45	117	10856	4.06	ng	#	41
19) n-Nitroso-di-n-propylamine	7.47	70	81099	17.51	ng	#	67
25) Isophorone	7.47	82	555751	41.75	ng	#	69
31) Naphthalene	8.21	128	105294	5.32	ng		99
37) 2-Methylnaphthalene	8.90	142	61548	4.95	ng		97
48) Acenaphthylene	9.80	152	131982	8.22	ng		99
49) Dimethylphthalate	9.65	163	182944	16.08	ng		99
50) 2,6-Dinitrotoluene	9.65	165	4943	2.05	ng	#	34
53) 2,4-Dinitrophenol	10.22	184	467	2.96	ng	#	15
57) Fluorene	10.49	166	32594	3.22	ng	#	95
66) 4-Bromophenyl-phenylether	10.73	248	11321	4.31	ng	#	1
70) Phenanthrene	11.45	178	275133	22.02	ng		99
71) Anthracene	11.51	178	102077	7.87	ng		98
74) Fluoranthene	12.64	202	476847	36.94	ng		96
77) Pyrene	12.87	202	539556	34.71	ng		99
80) Benzo(a)anthracene	14.05	228	281774	25.20	ng	#	89
82) Chrysene	14.05	228	281774	25.83	ng		93
83) Bis(2-ethylhexyl)phthalate	14.05	149	53733	7.08	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.95	276	128753	12.02	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	379826	40.25	ng	#	96
88) Benzo(k)fluoranthene	15.09	252	379826	44.42	ng		99
89) Benzo(a)pyrene	15.45	252	205880	24.45	ng		98
90) Dibenzo(a,h)anthracene	16.96	278	31161	3.72	ng	#	80
91) Benzo(g,h,i)perylene	17.38	276	138892	16.14	ng		99

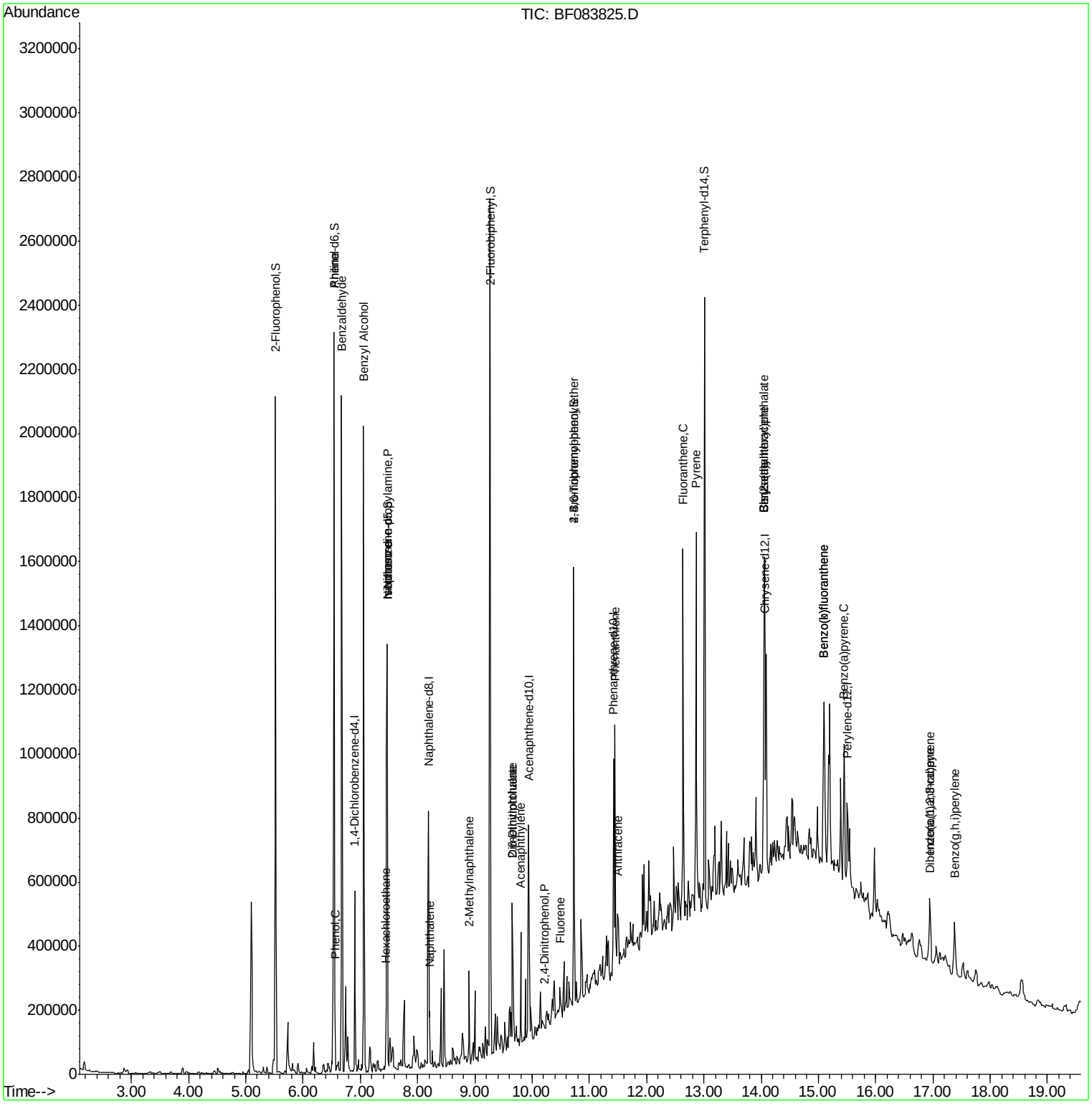
(#) = qualifier out of range (m) = manual integration (+) = signals summed

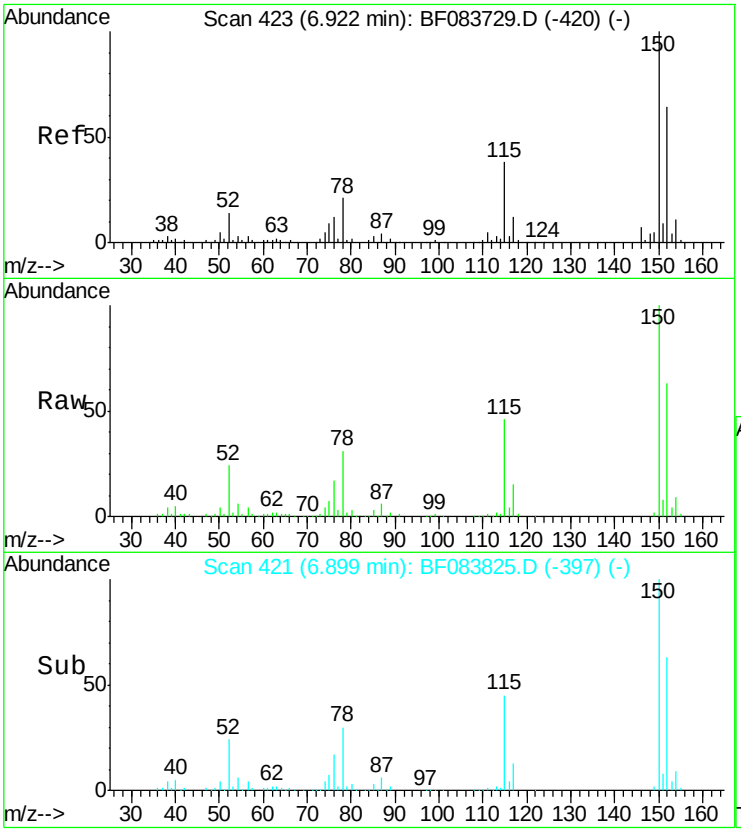
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083825.D
Acq On : 15 Dec 2015 18:23
Operator : UM/IZ
Sample : G4739-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Quant Time: Dec 16 00:53:10 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



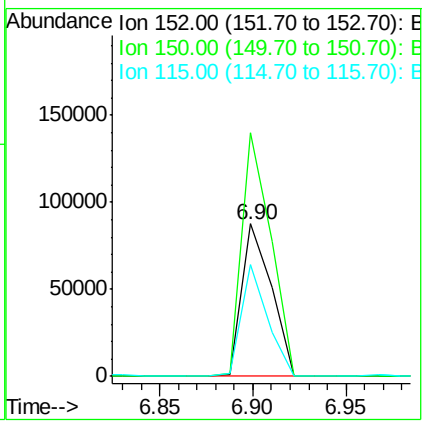


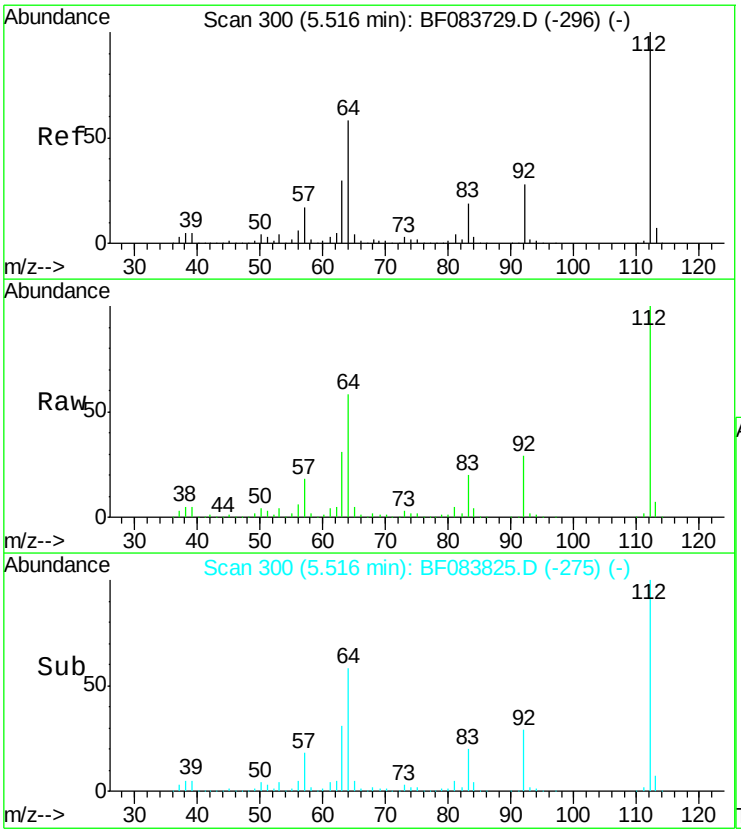
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:152 Resp: 96334

Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.5	189.7
115	73.3	52.3	78.5

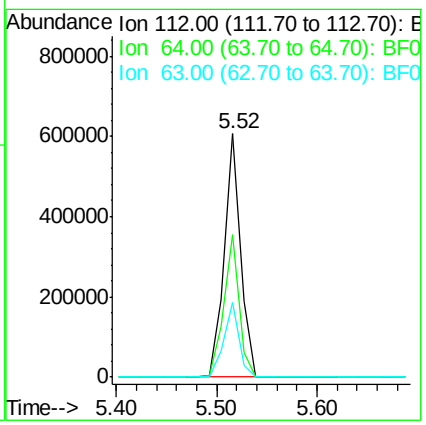


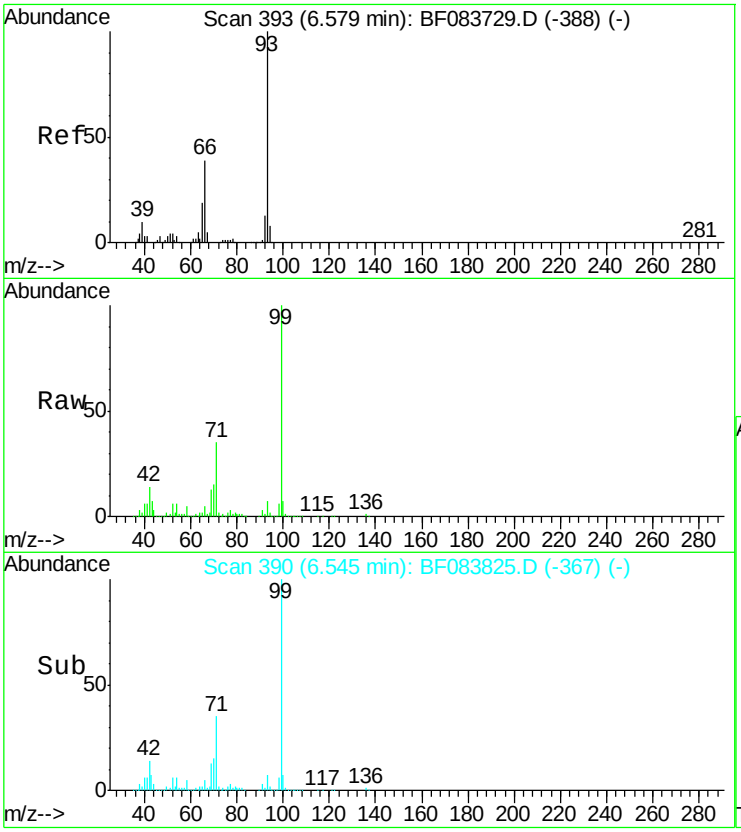


#5
2-Fluorophenol
Concen: 114.37 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:112 Resp: 682953

Ion	Ratio	Lower	Upper
112	100		
64	58.3	50.5	75.7
63	30.9	25.8	38.6



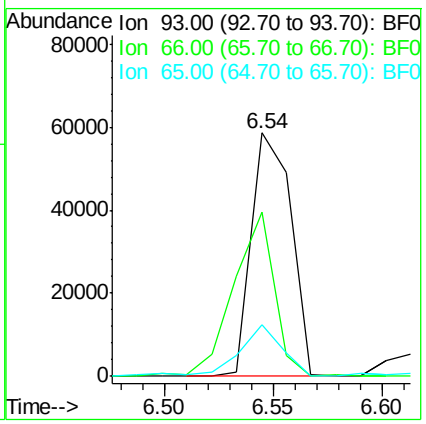


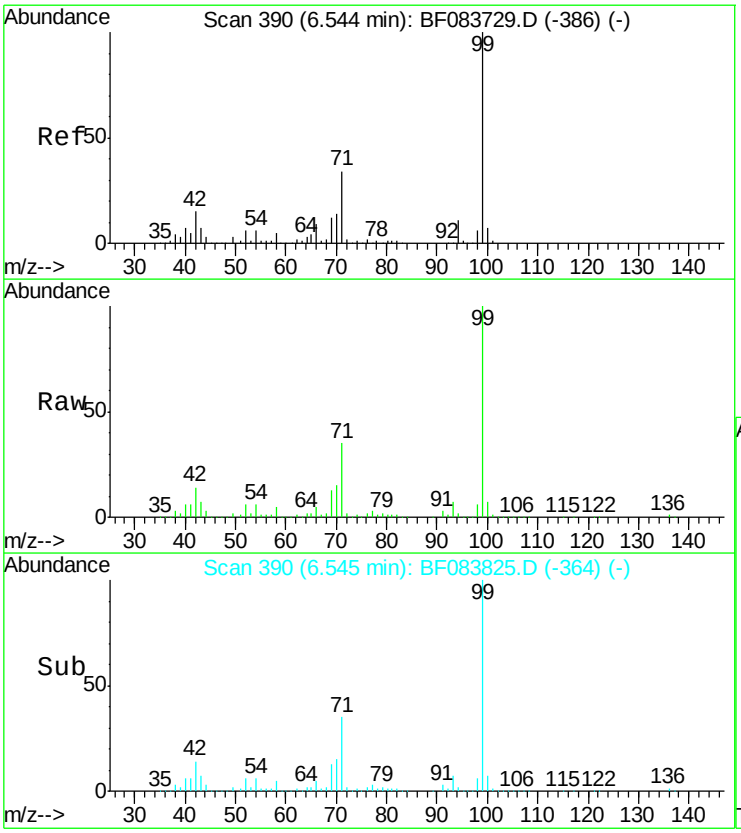
#6
Aniline
Concen: 7.29 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.03 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion: 93 Resp: 74914

Ion	Ratio	Lower	Upper
93	100		
66	67.4	41.3	61.9#
65	21.1	20.8	31.2

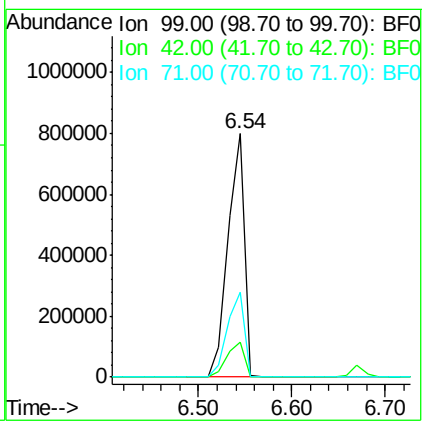


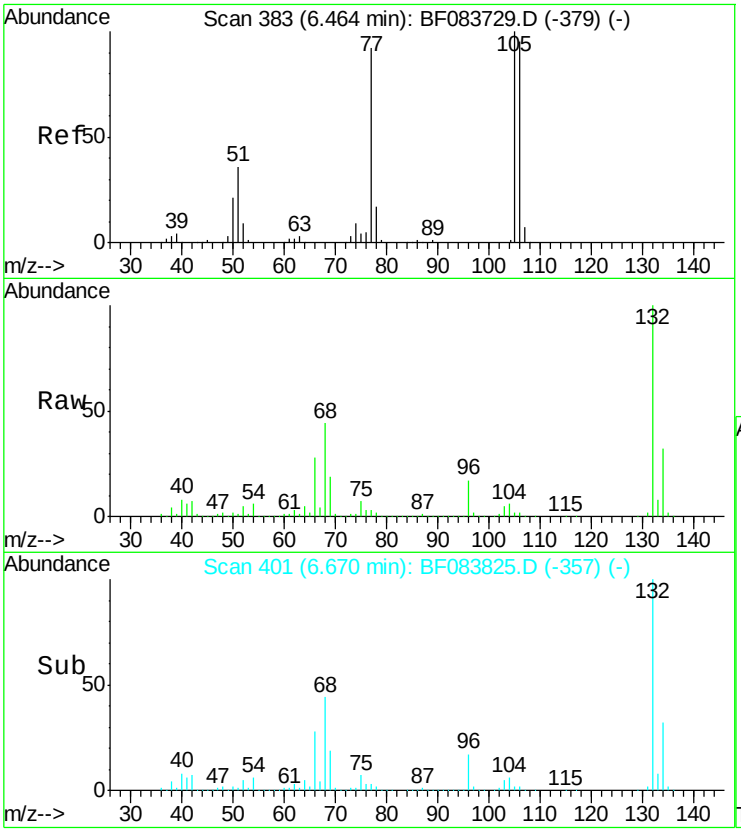


#7
Phenol-d6
Concen: 130.60 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion: 99 Resp: 987625

Ion	Ratio	Lower	Upper
99	100		
42	14.4	17.3	25.9#
71	34.6	26.6	40.0



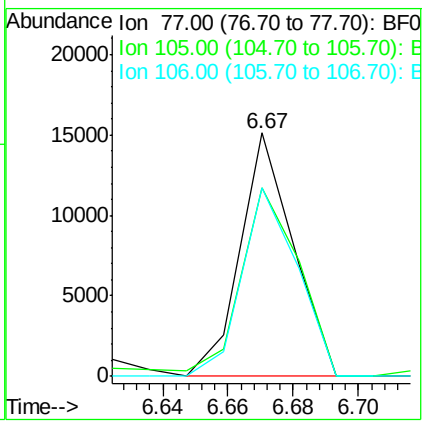


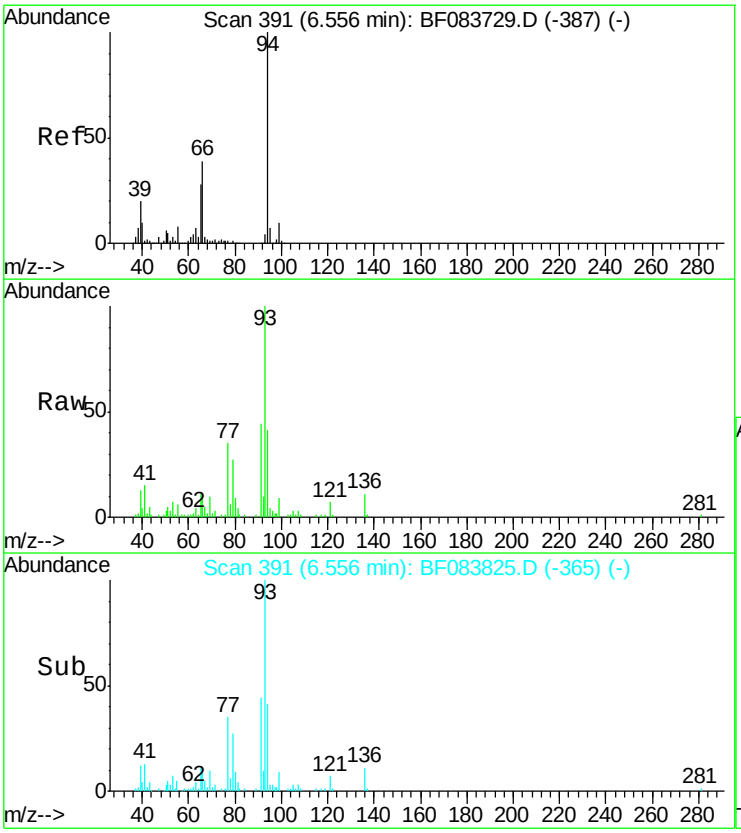
#9
Benzaldehyde
Concen: 4.15 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.21 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion: 77 Resp: 16866

Ion	Ratio	Lower	Upper
77	100		
105	77.3	71.8	111.8
106	77.7	66.8	106.8

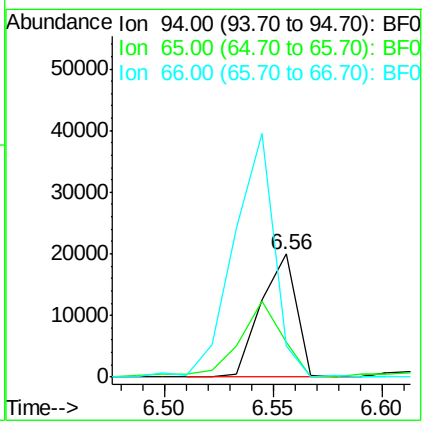


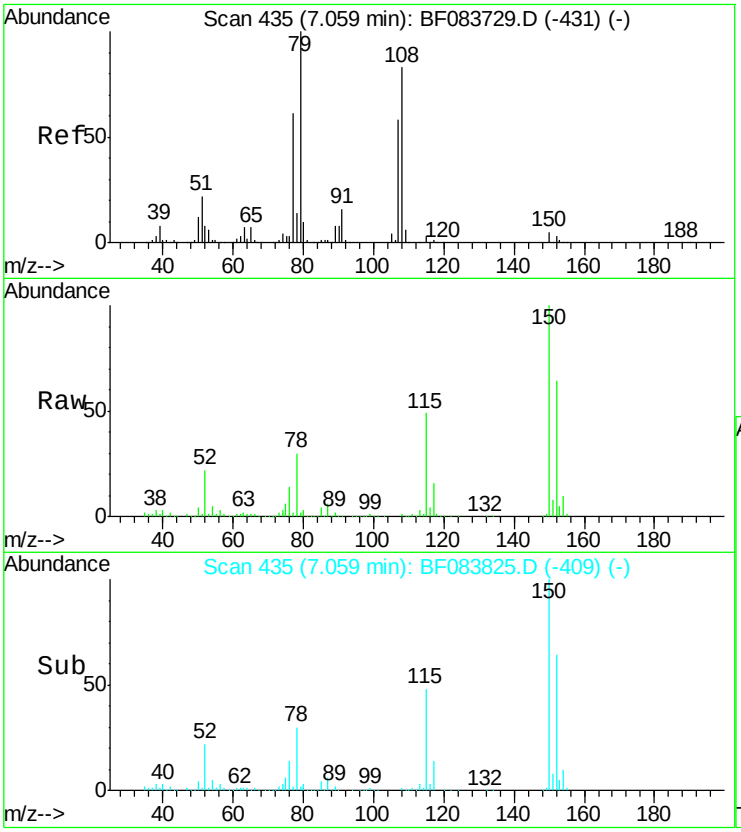


#10
Phenol
Concen: 2.62 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion: 94 Resp: 22843

Ion	Ratio	Lower	Upper
94	100		
65	28.2	20.9	60.9
66	25.3	41.6	81.6#



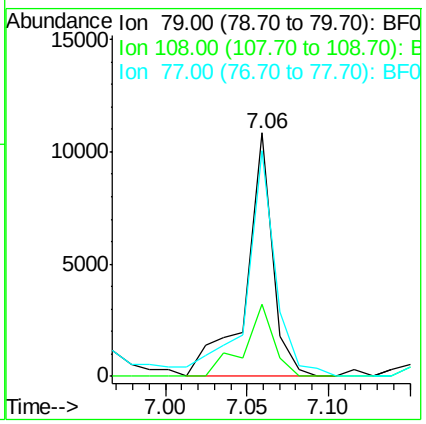


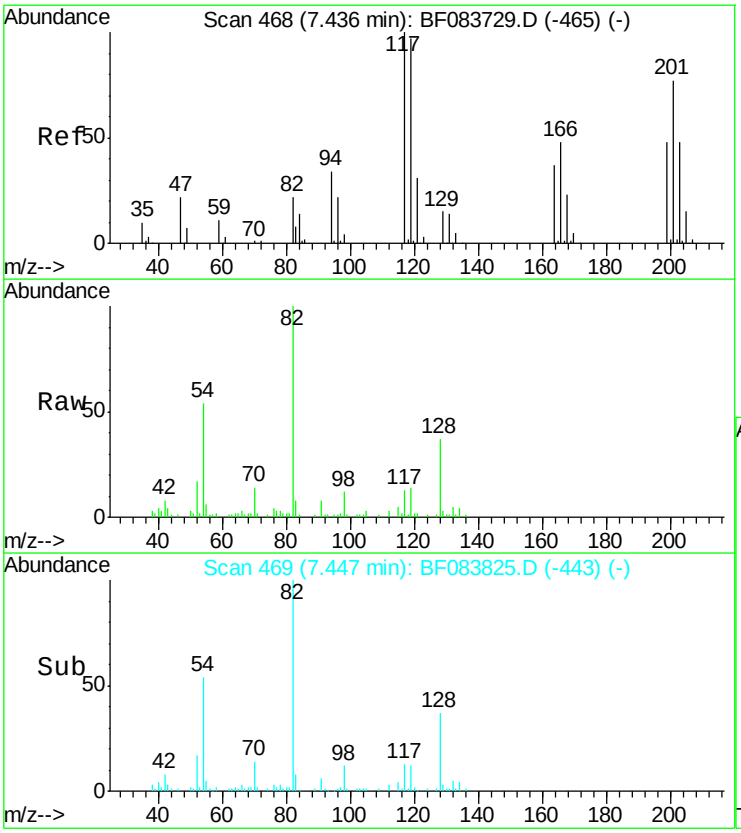
#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion: 79 Resp: 12406

Ion	Ratio	Lower	Upper
79	100		
108	29.7	59.6	89.4#
77	92.7	49.8	74.6#

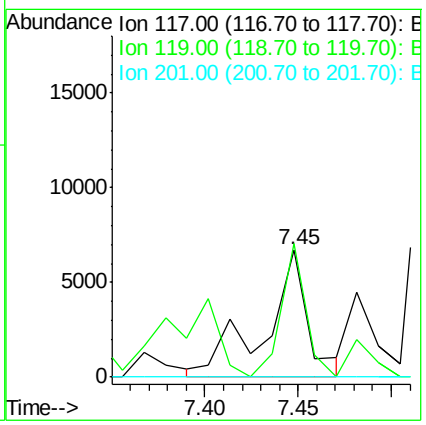


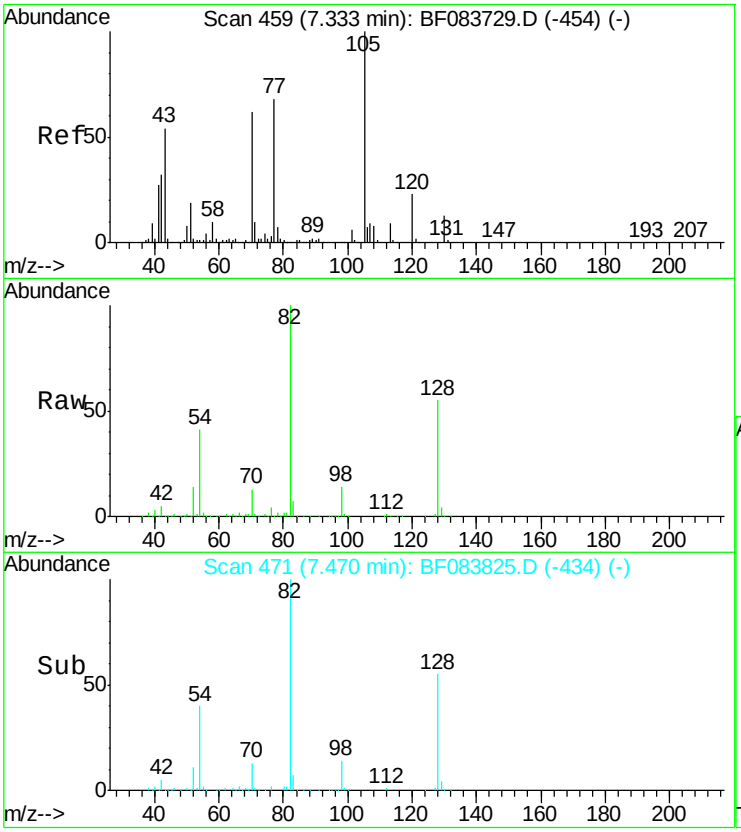


#18
Hexachloroethane
Concen: 4.06 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:117 Resp: 10856

Ion	Ratio	Lower	Upper
117	100		
119	104.8	77.2	115.8
201	0.0	86.8	130.2#



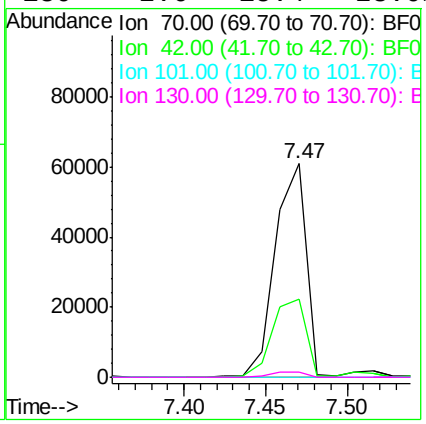


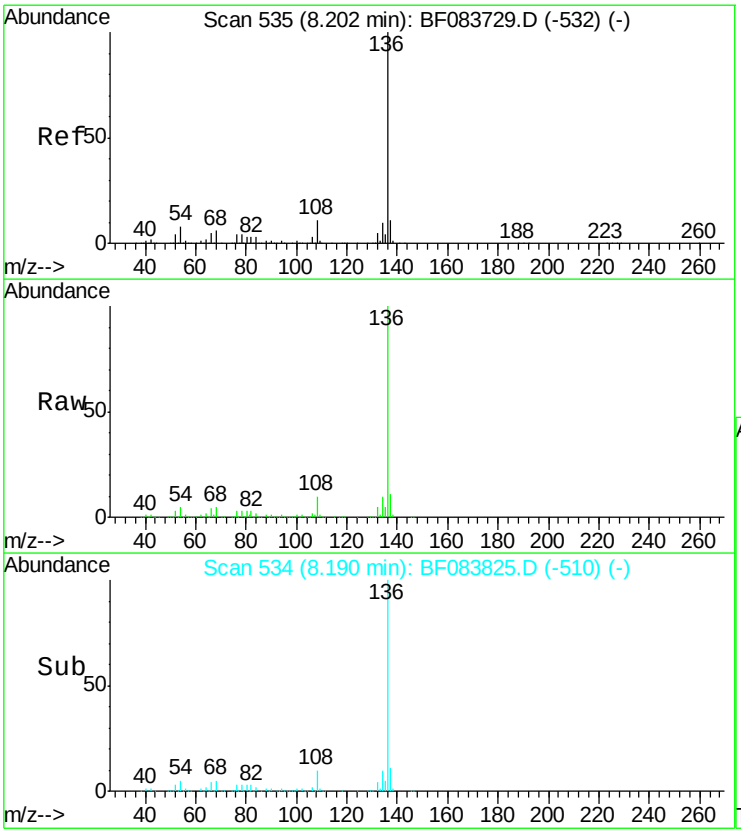
#19
n-Nitroso-di-n-propylamine
Concen: 17.51 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.13 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion: 70 Resp: 81099

Ion	Ratio	Lower	Upper
70	100		
42	36.3	49.2	73.8#
101	0.0	7.1	10.7#
130	2.6	15.4	23.0#

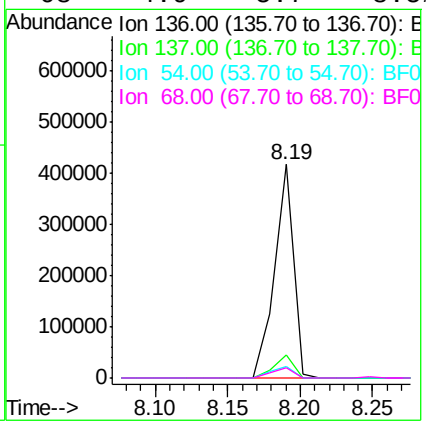


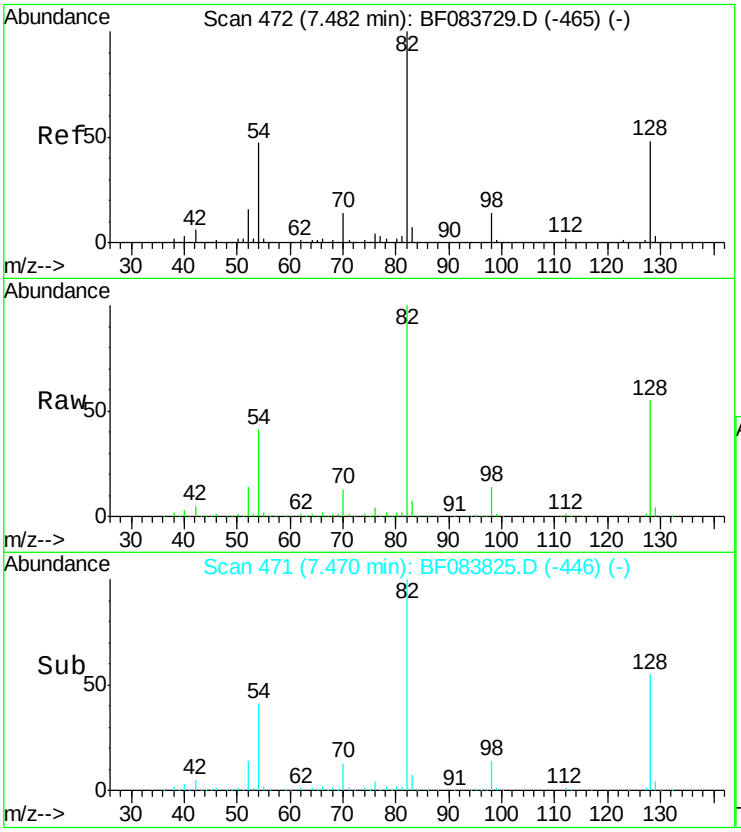


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:136 Resp: 379599

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.5	7.8	11.6#
68	4.9	5.7	8.5#



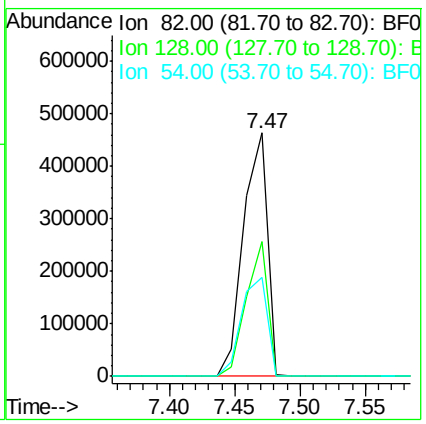


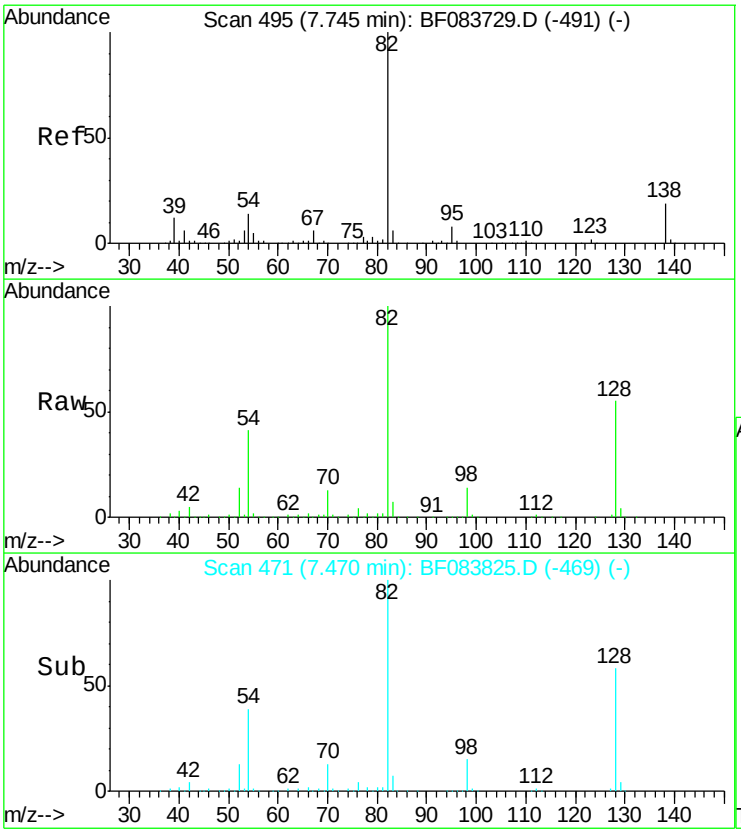
#23
Nitrobenzene-d5
Concen: 87.60 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion: 82 Resp: 594395

Ion	Ratio	Lower	Upper
82	100		
128	55.3	30.7	46.1#
54	40.9	42.5	63.7#

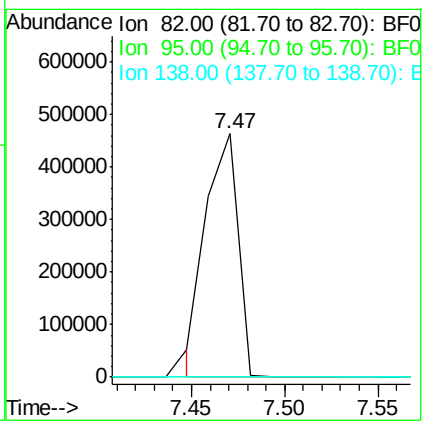


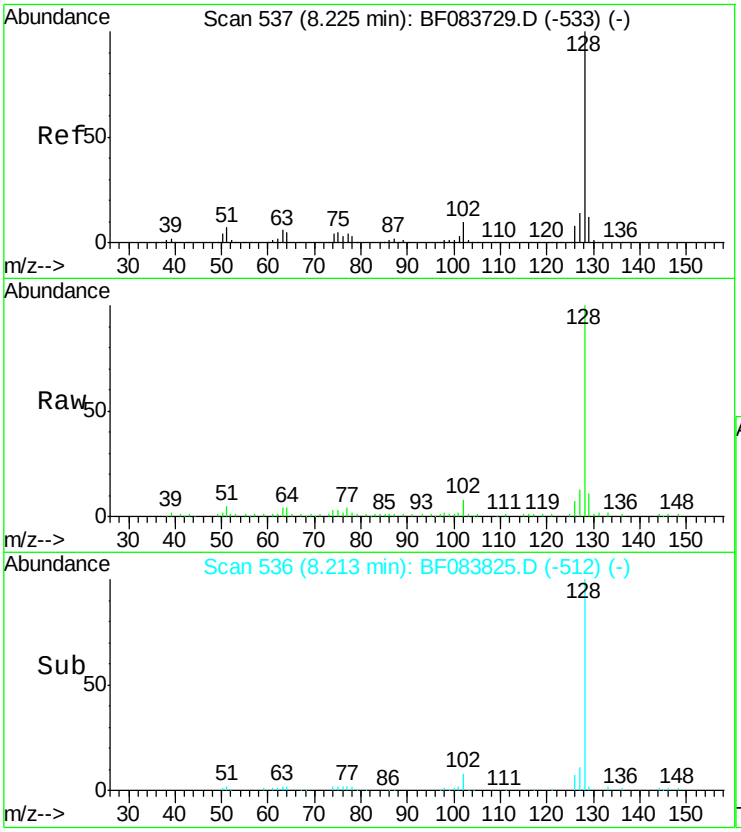


#25
Isophorone
Concen: 41.75 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.27 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion: 82 Resp: 555751

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.0	7.4#
138	0.0	12.1	18.1#



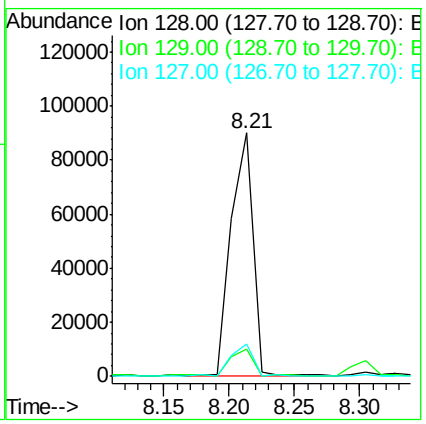


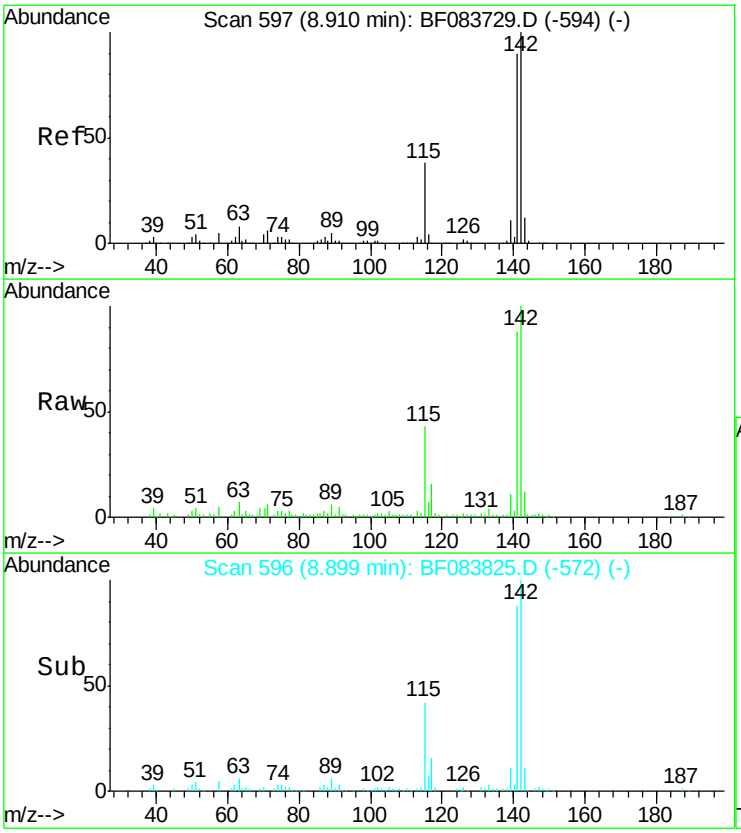
#31
Naphthalene
Concen: 5.32 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:128 Resp: 105294

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.1	10.6	16.0

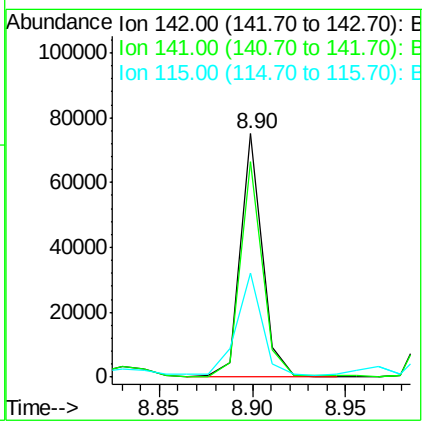


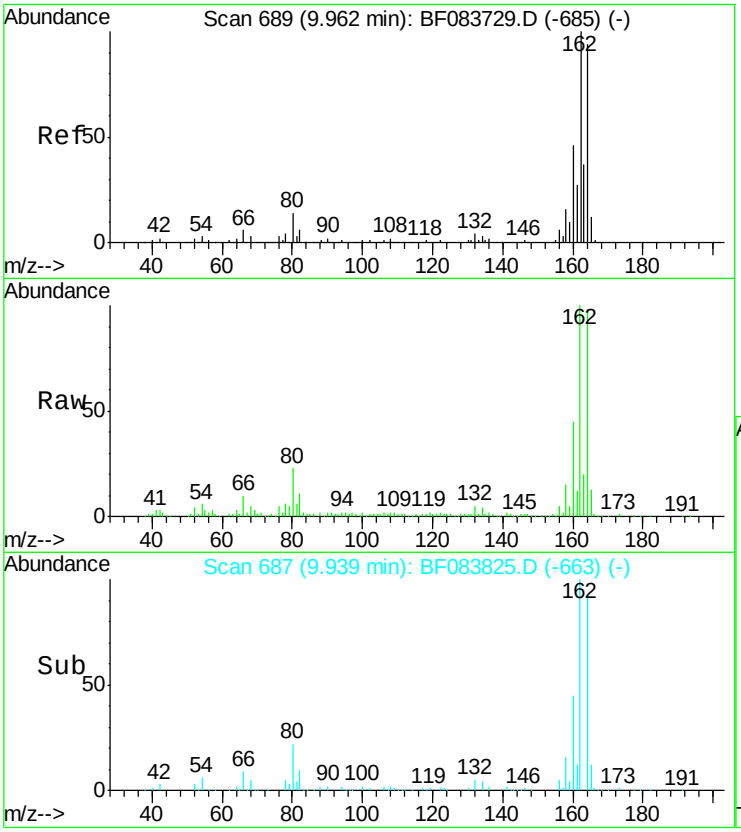


#37
2-Methylnaphthalene
Concen: 4.95 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:142 Resp: 61548

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5
115	42.8	29.2	43.8



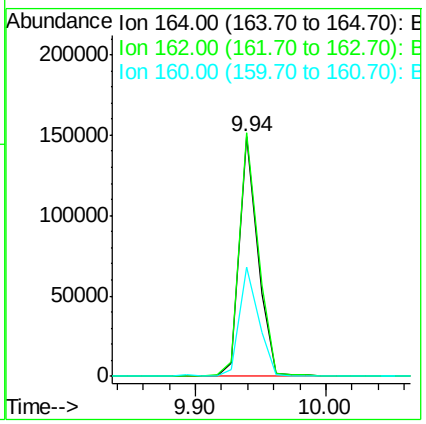


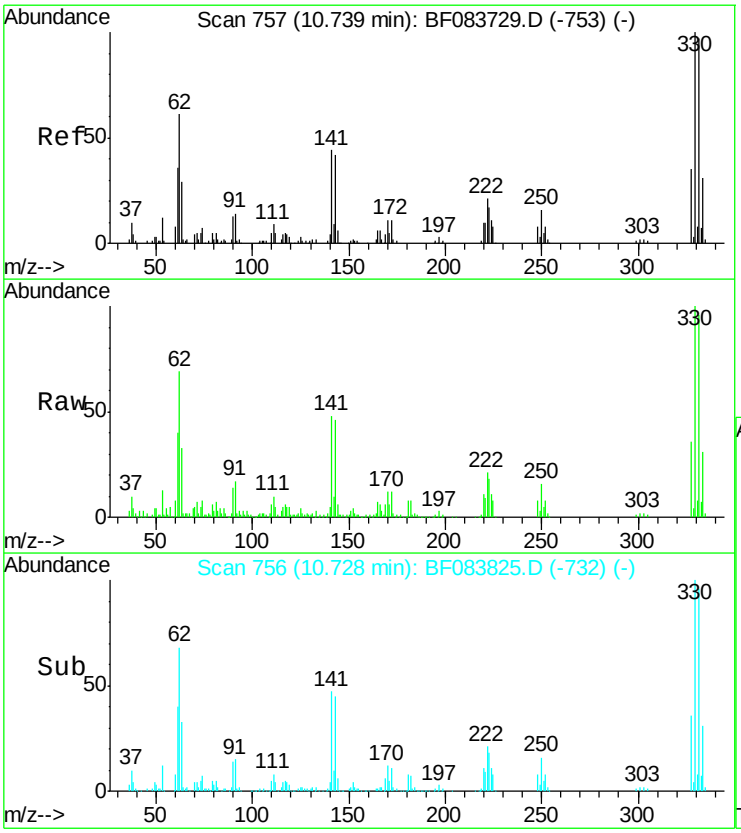
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:164 Resp: 145928

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	45.5	33.4	50.2

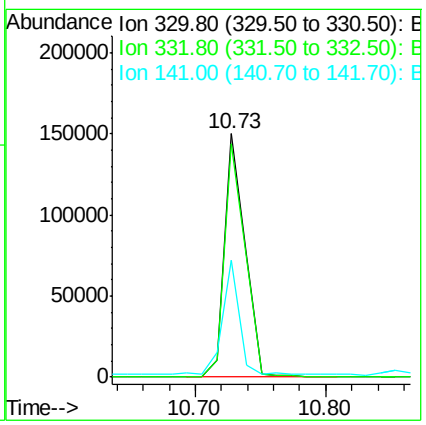


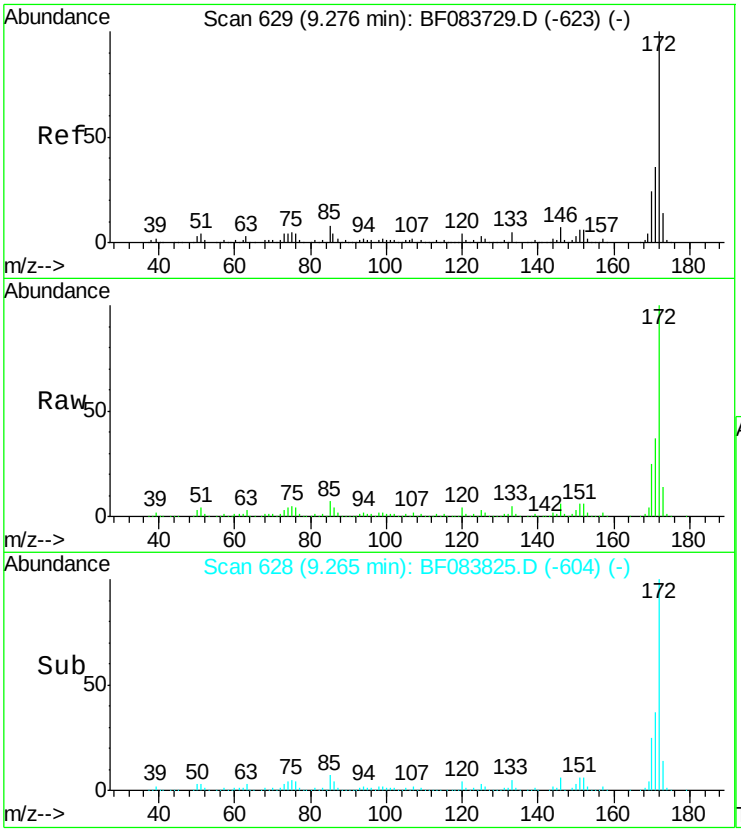


#41
2,4,6-Tribromophenol
Concen: 110.43 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:330 Resp: 164200

Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.9	0.0	0.0#



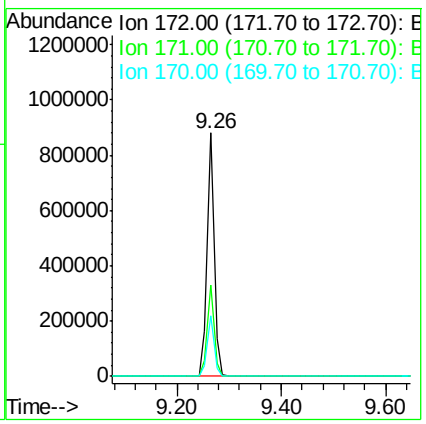


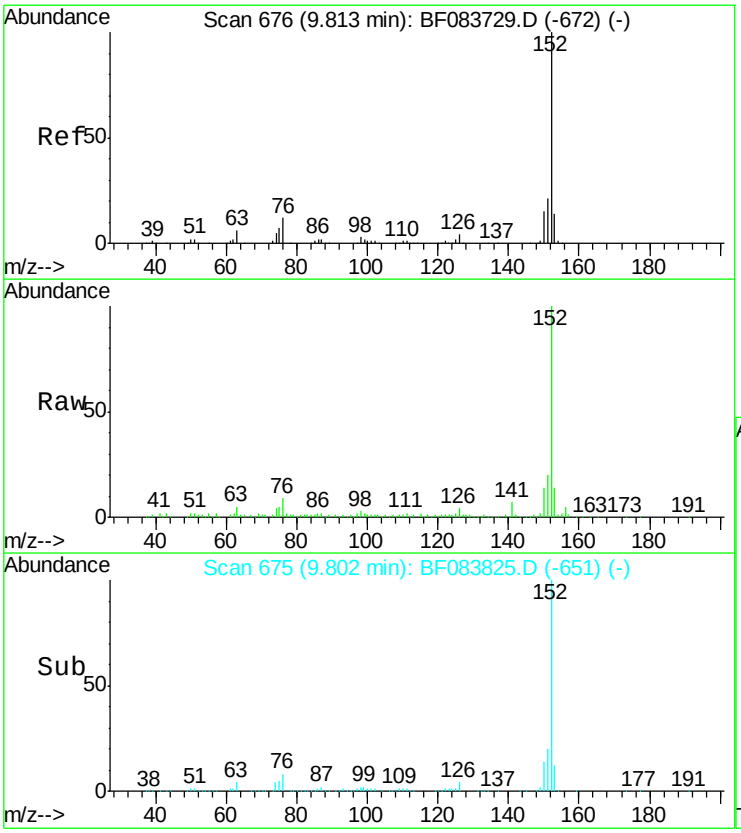
#44
2-Fluorobiphenyl
Concen: 81.67 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:172 Resp: 823291

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	24.7	19.4	29.0

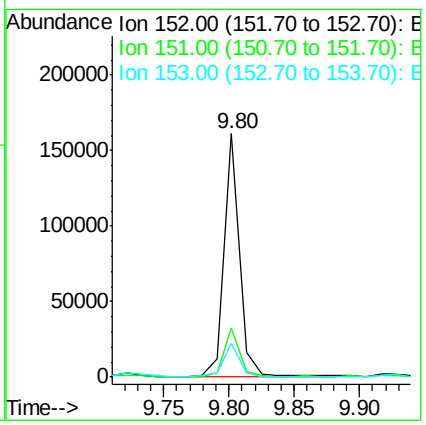


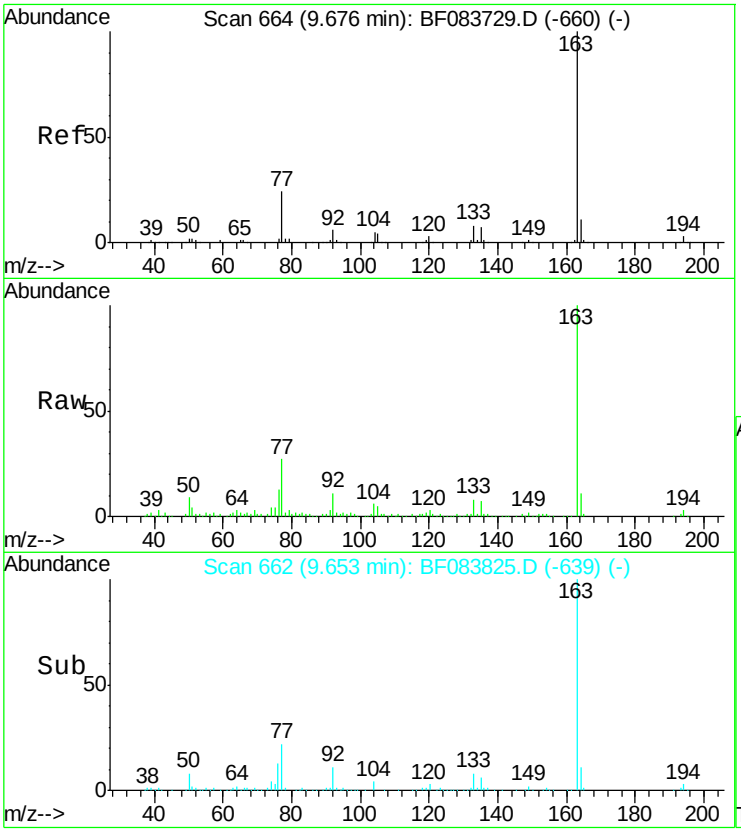


#48
Acenaphthylene
Concen: 8.22 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:152 Resp: 131982

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	14.1	10.8	16.2



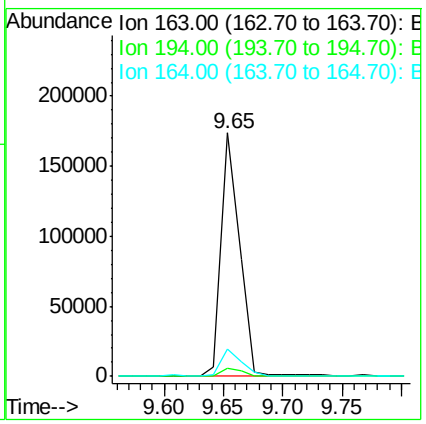


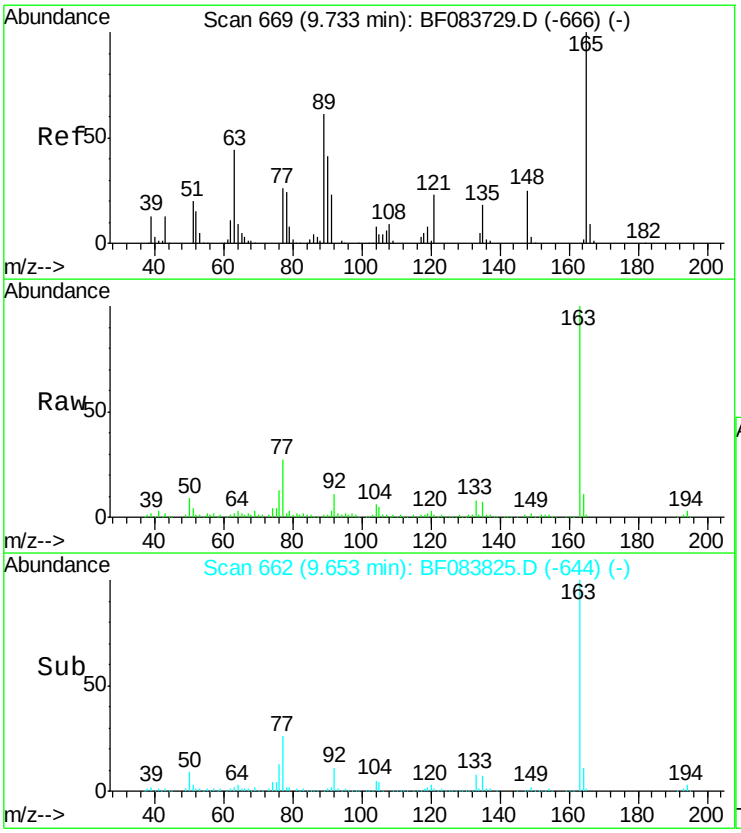
#49
Dimethylphthalate
Concen: 16.08 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:163 Resp: 182944

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	11.2	8.6	13.0

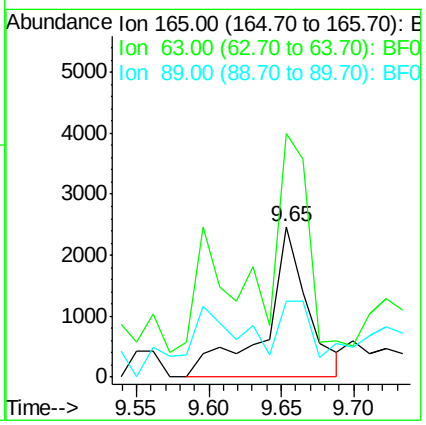


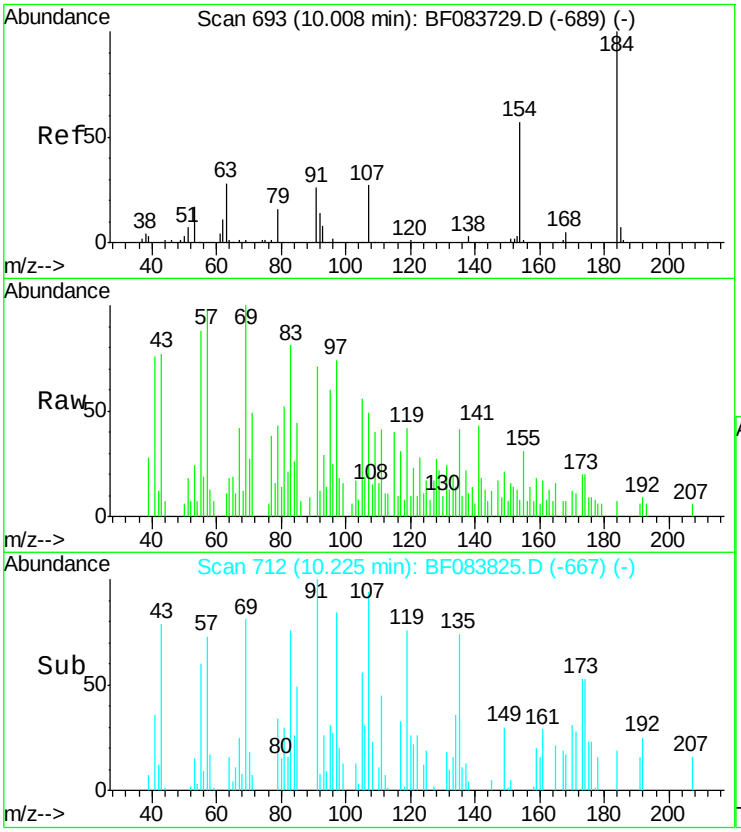


#50
2,6-Dinitrotoluene
Concen: 2.05 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.09 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:165 Resp: 4943

Ion	Ratio	Lower	Upper
165	100		
63	161.7	56.9	85.3#
89	50.6	52.1	78.1#



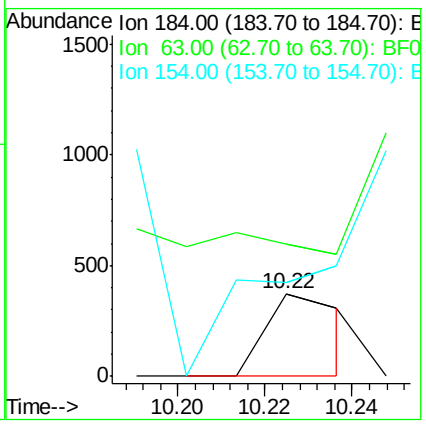


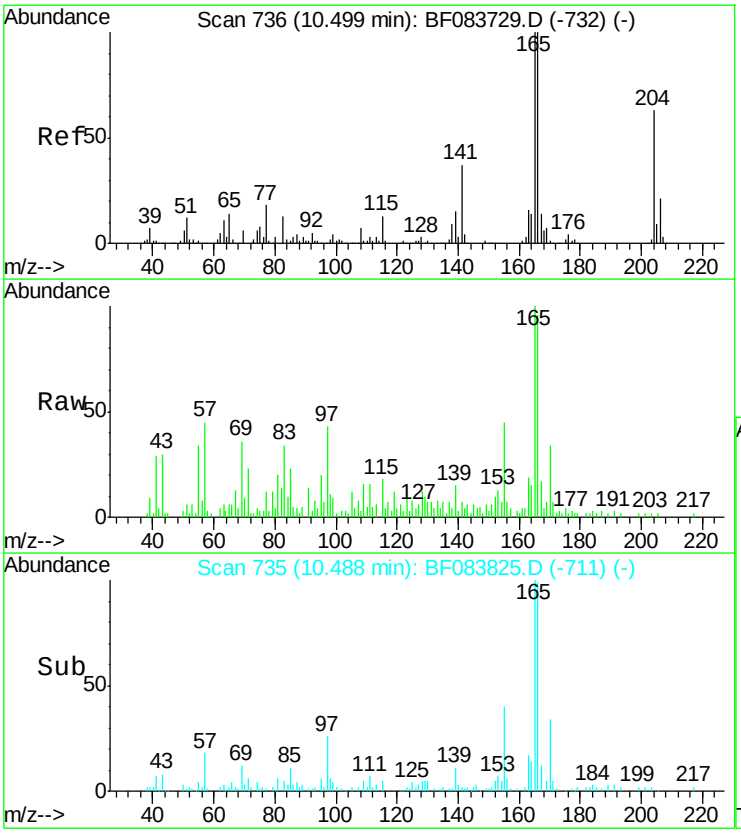
#53
2,4-Dinitrophenol
Concen: 2.96 ng
RT: 10.22 min Scan# 712
Delta R.T. 0.22 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:184 Resp: 467

Ion	Ratio	Lower	Upper
184	100		
63	159.5	62.4	93.6#
154	113.1	46.6	69.8#

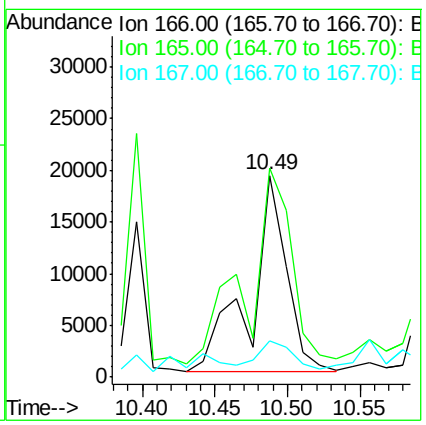


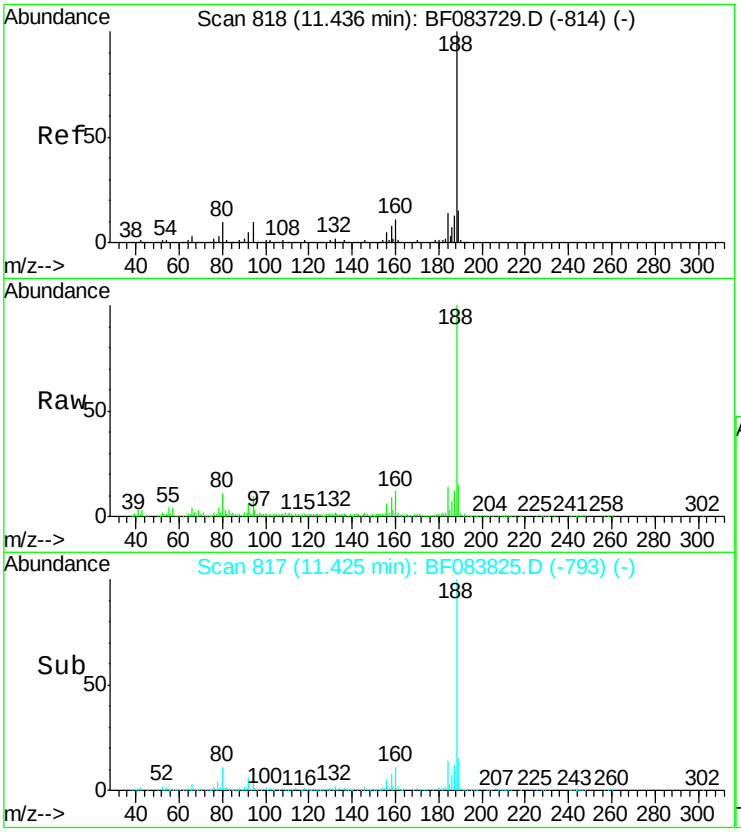


#57
Fluorene
Concen: 3.22 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:166 Resp: 32594

Ion	Ratio	Lower	Upper
166	100		
165	103.7	80.0	120.0
167	18.0	10.6	16.0#



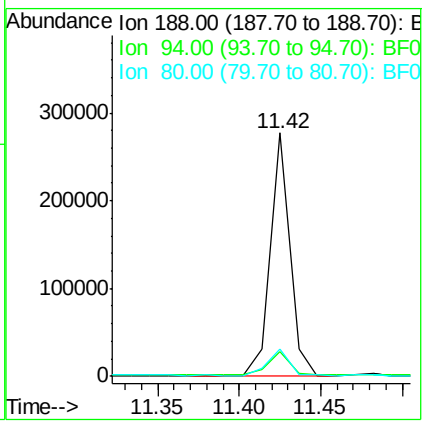


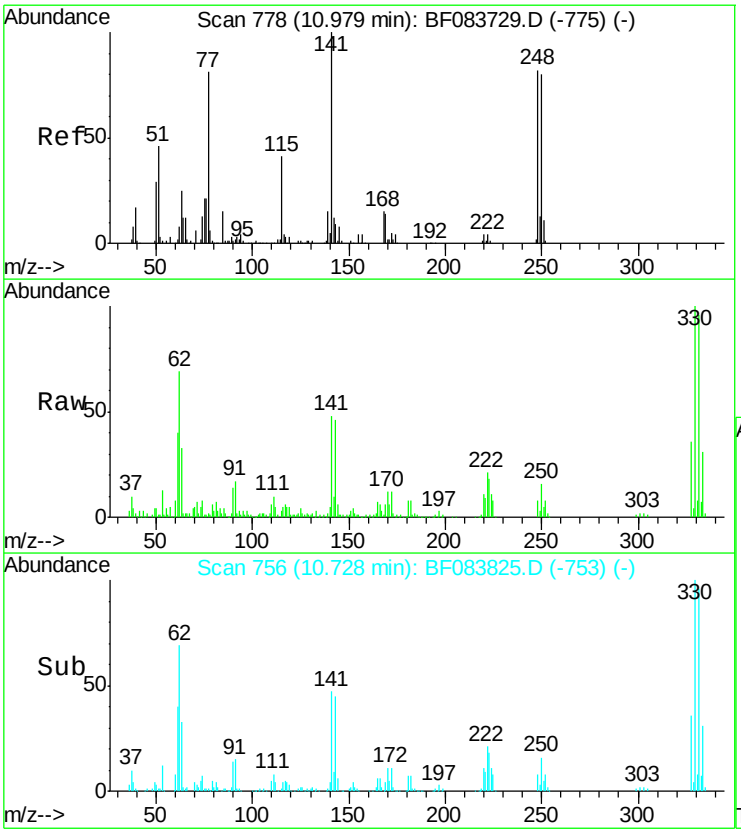
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:188 Resp: 235159

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.1	10.6	16.0

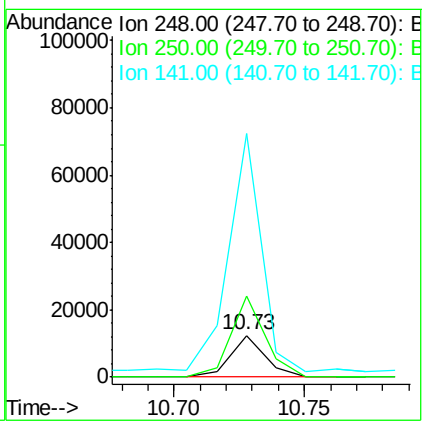


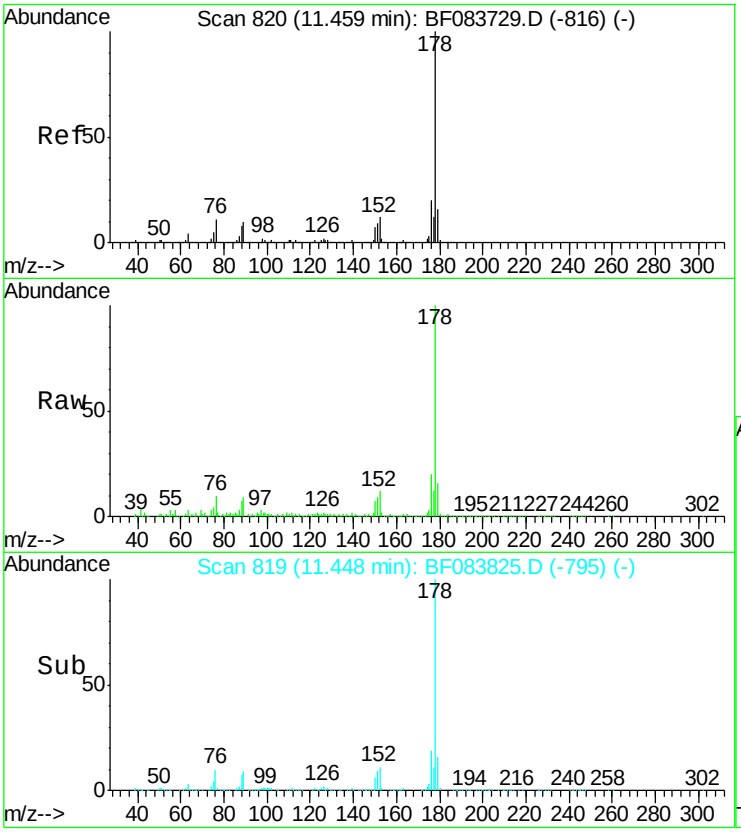


#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.26 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:248 Resp: 11321

Ion	Ratio	Lower	Upper
248	100		
250	193.4	79.2	118.8#
141	582.7	58.2	87.4#



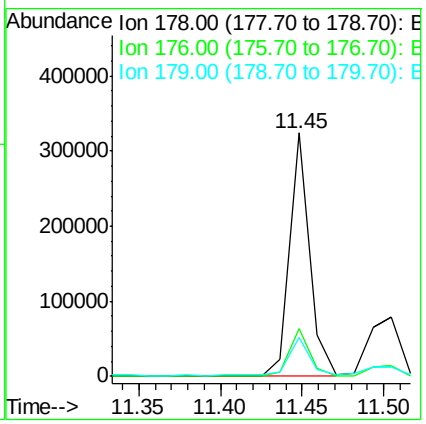


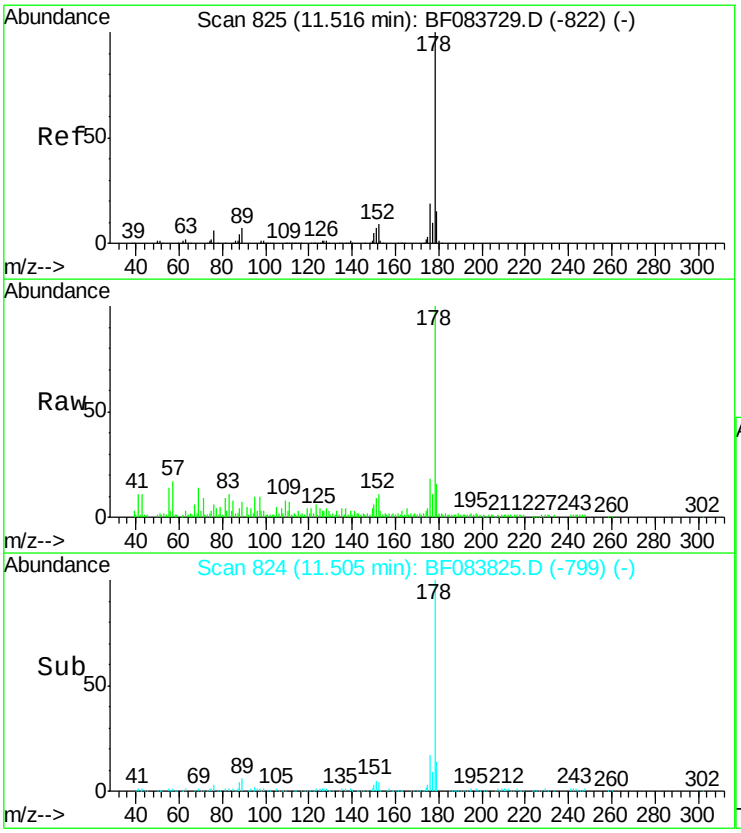
#70
Phenanthrene
Concen: 22.02 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:178 Resp: 275133

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	16.0	12.2	18.4

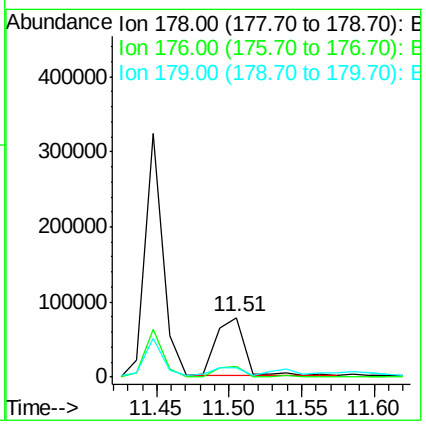


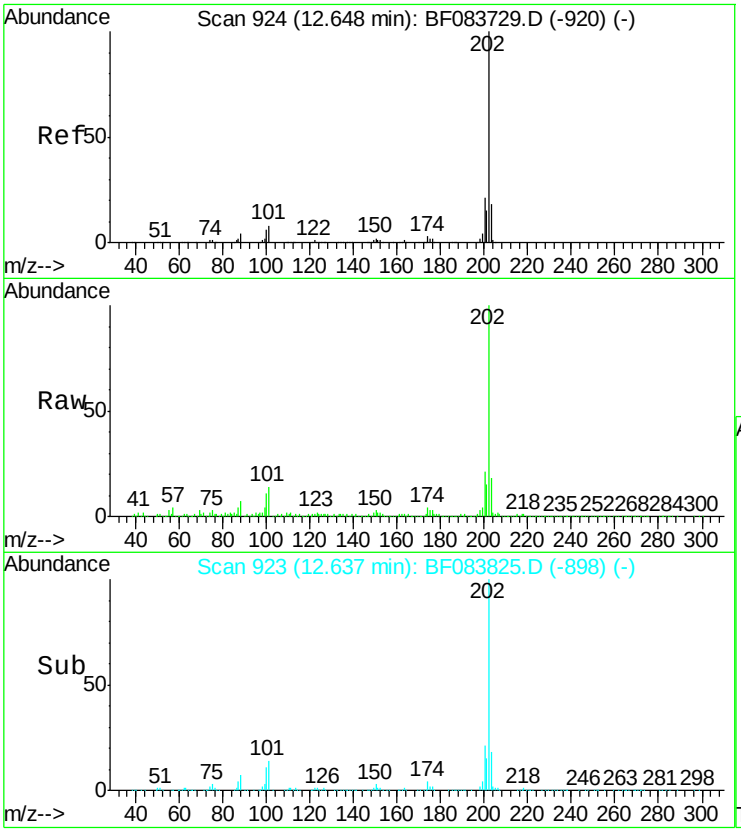


#71
Anthracene
Concen: 7.87 ng
RT: 11.51 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:178 Resp: 102077

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	16.2	12.6	18.8



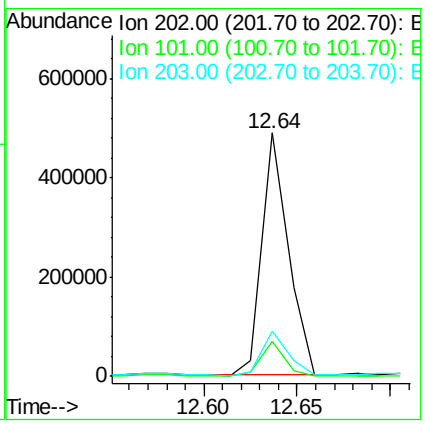


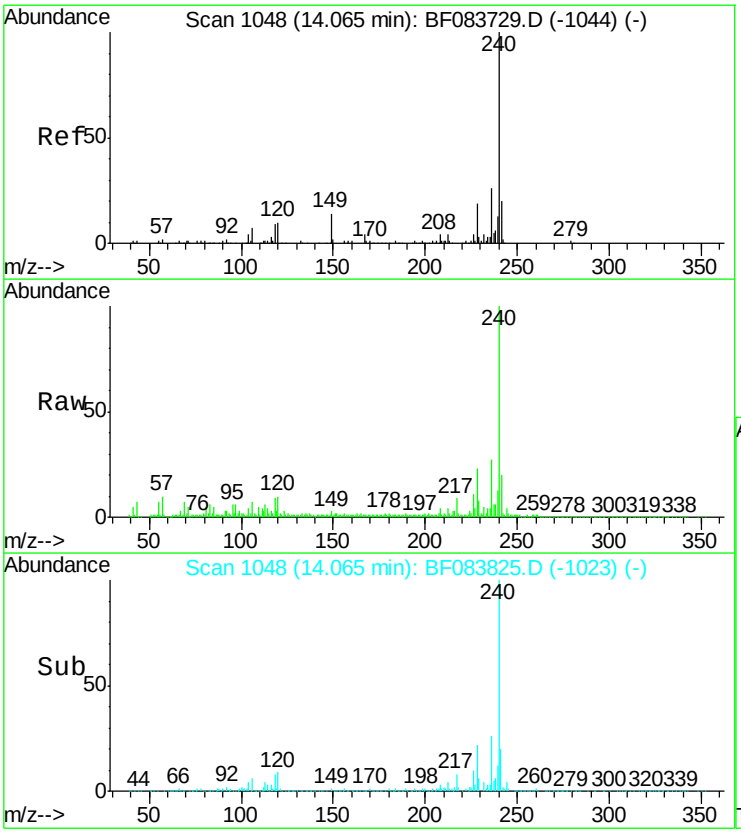
#74
Fluoranthene
Concen: 36.94 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:202 Resp: 476847

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	31.5
203	18.4	0.0	37.6

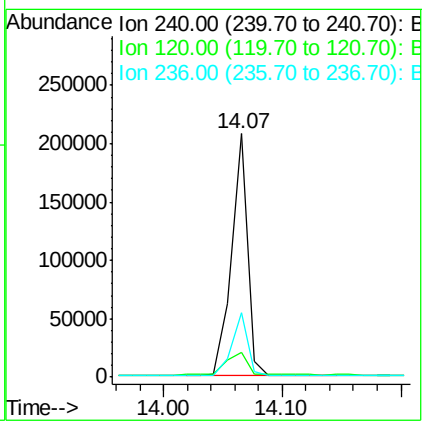


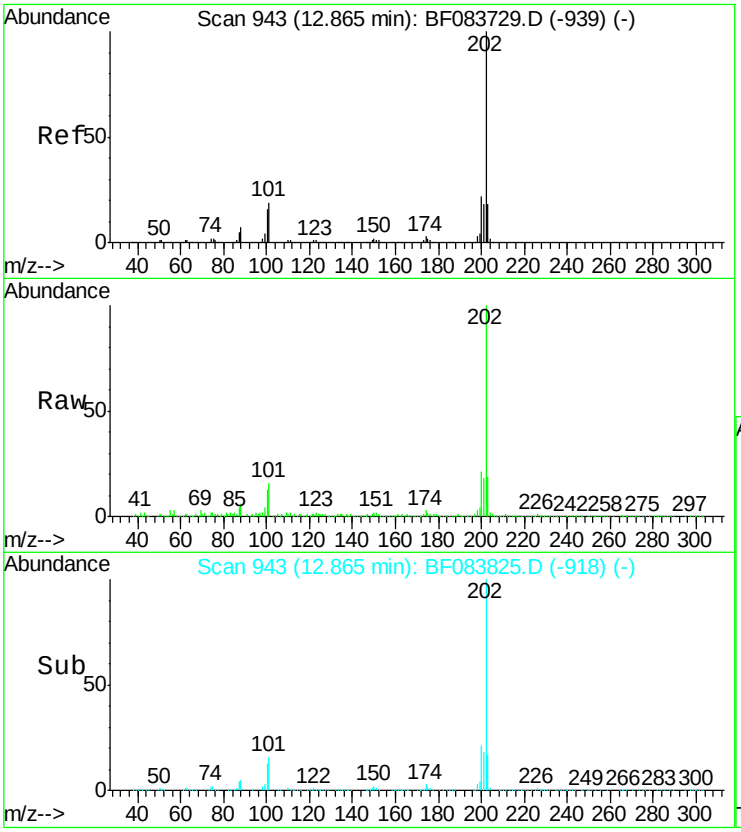


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:240 Resp: 196669

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.6	20.8	31.2



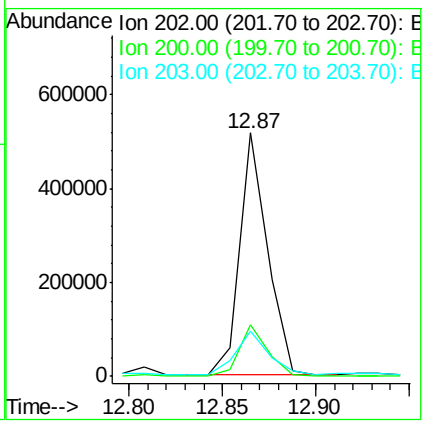


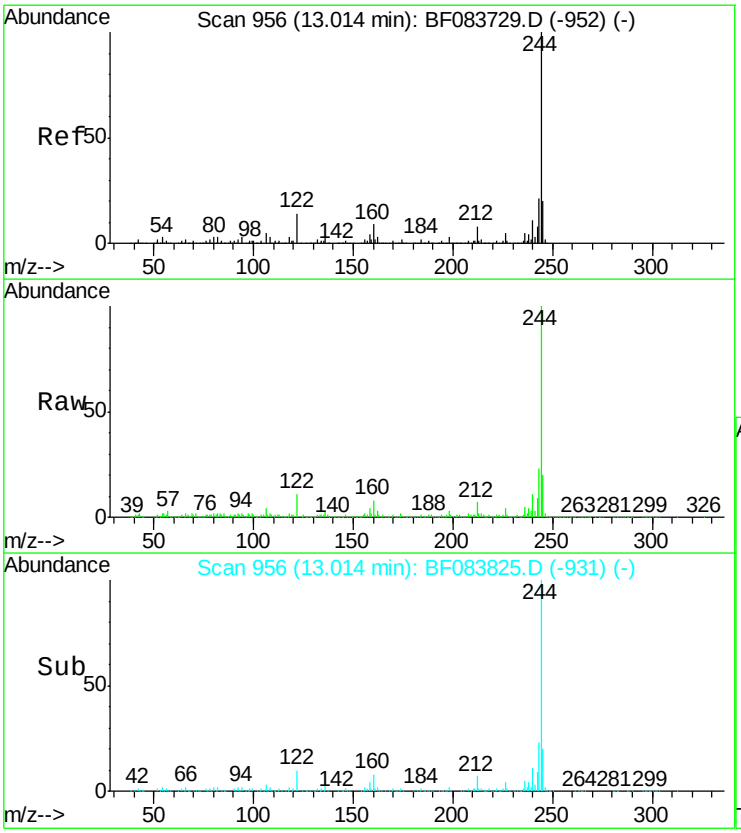
#77
Pyrene
Concen: 34.71 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:202 Resp: 539556

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.7	25.1
203	18.6	14.3	21.5

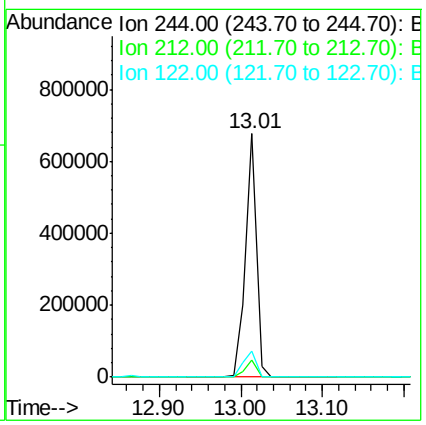


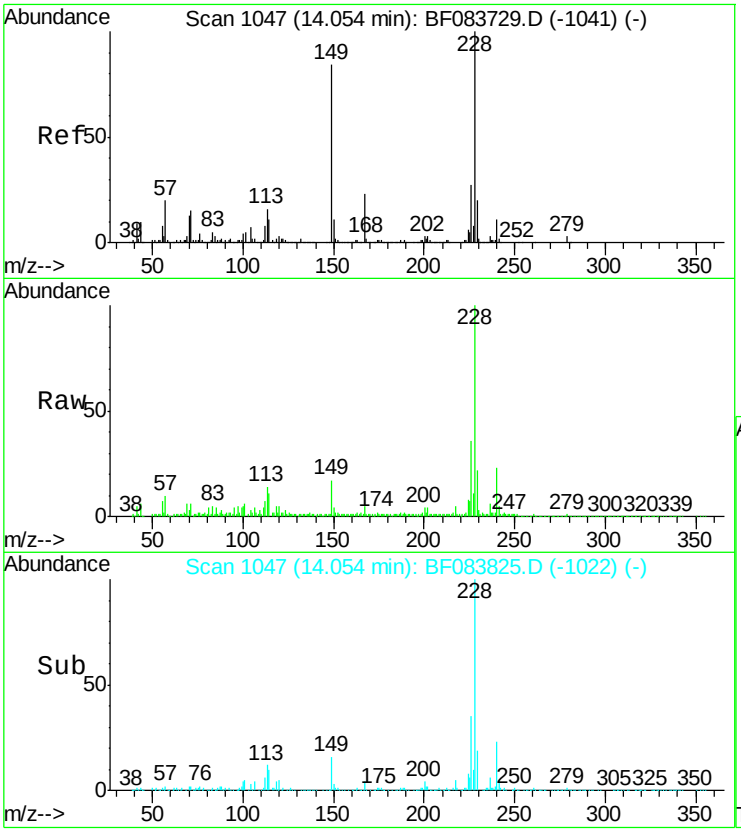


#78
Terphenyl-d14
Concen: 68.68 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:244 Resp: 627958

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.1	9.1
122	10.7	11.0	16.6#



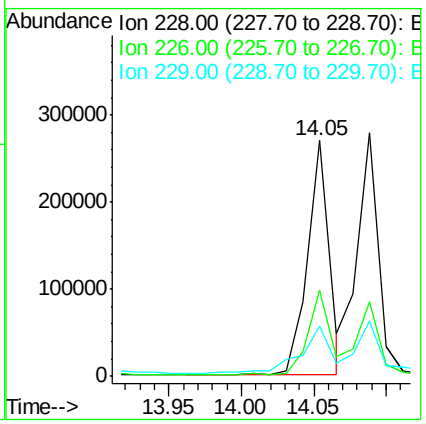


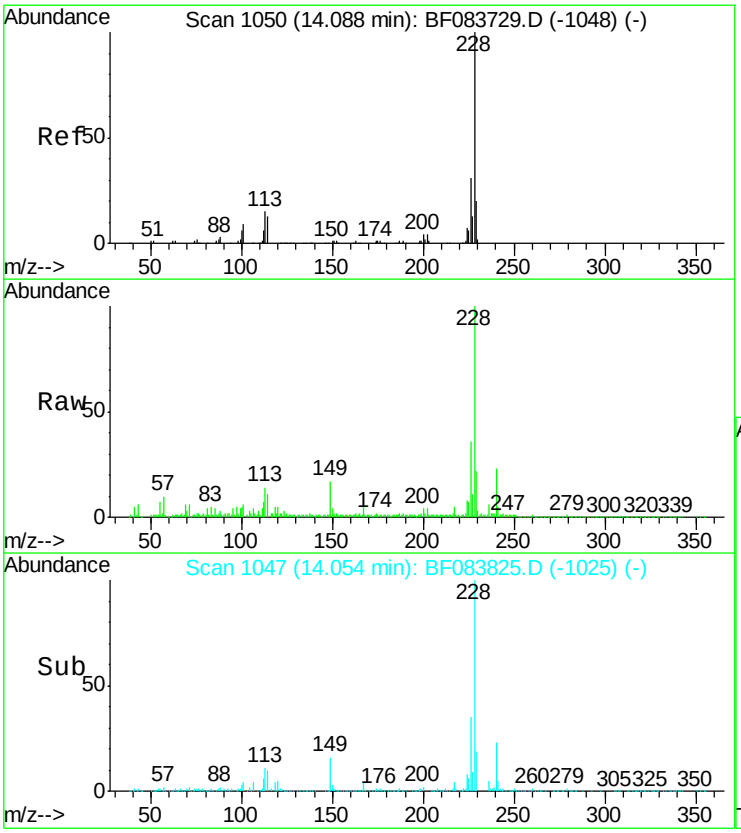
#80
Benzo(a)anthracene
Concen: 25.20 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:228 Resp: 281774

Ion	Ratio	Lower	Upper
228	100		
226	36.4	22.3	33.5#
229	21.6	15.7	23.5

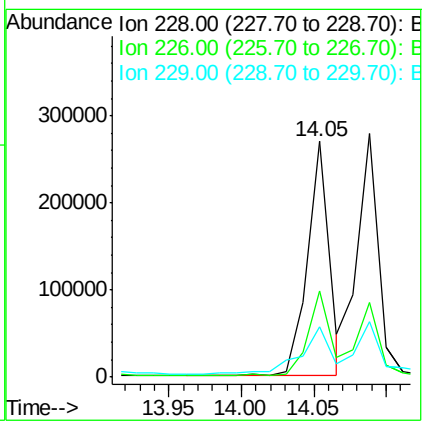


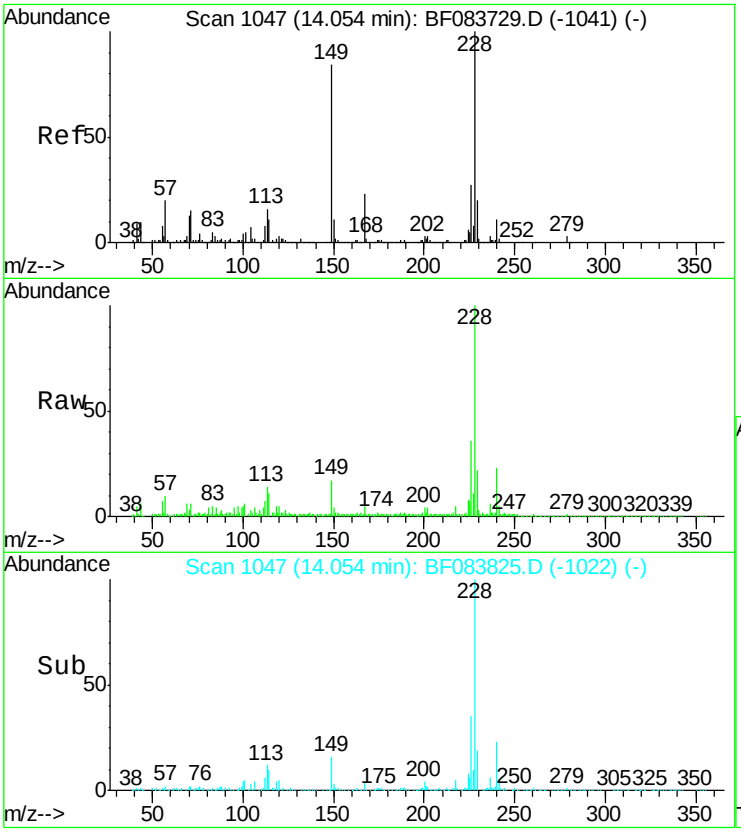


#82
Chrysene
Concen: 25.83 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:228 Resp: 281774

Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.7	37.1
229	21.6	16.3	24.5



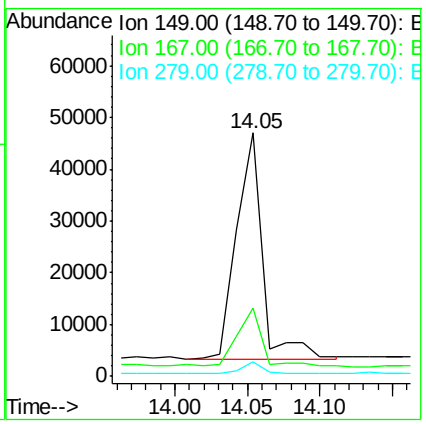


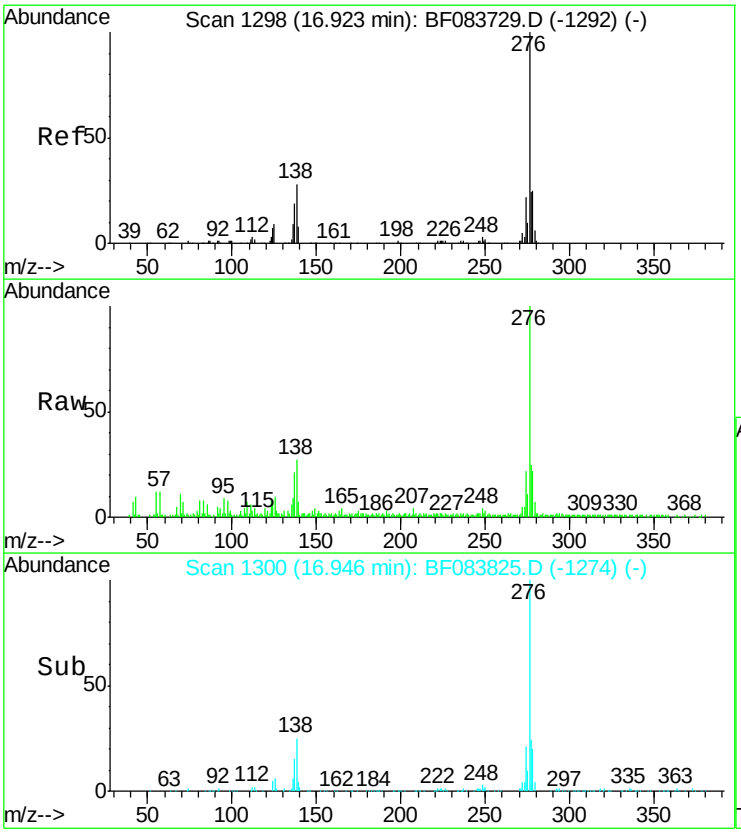
#83
Bis(2-ethylhexyl)phthalate
Concen: 7.08 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:149 Resp: 53733

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	6.2	3.0	4.4#

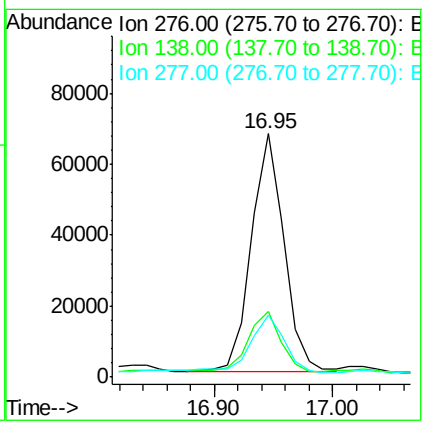


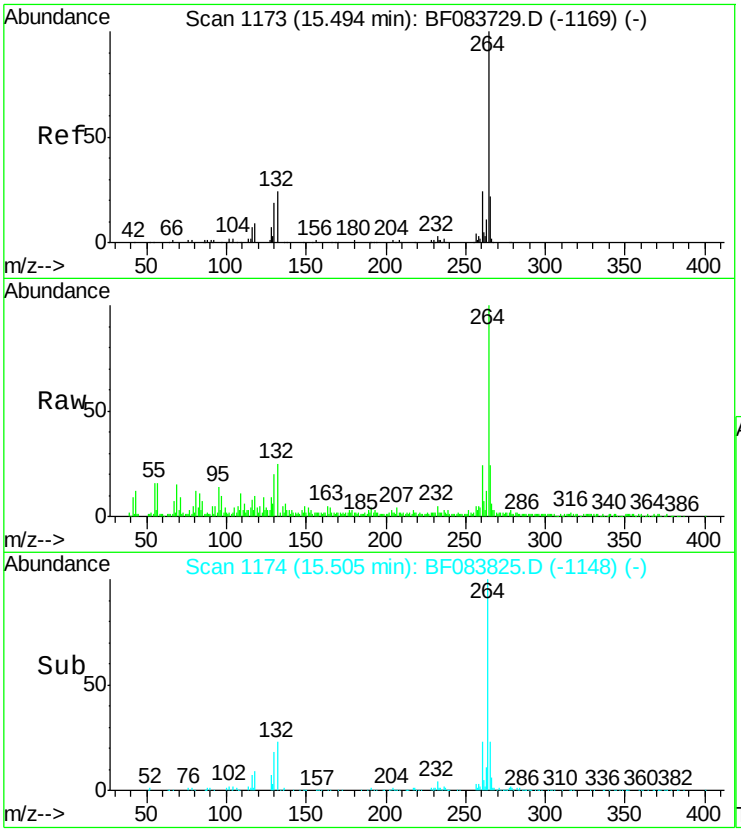


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.02 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:276 Resp: 128753

Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
277	27.3	0.0	0.0#



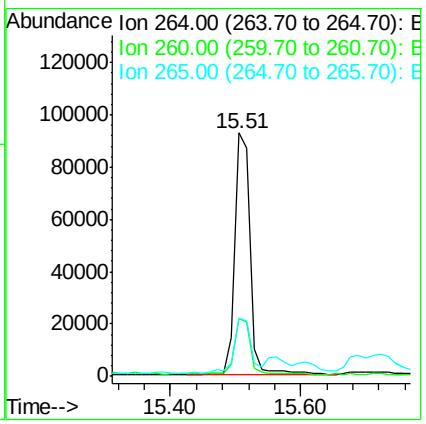


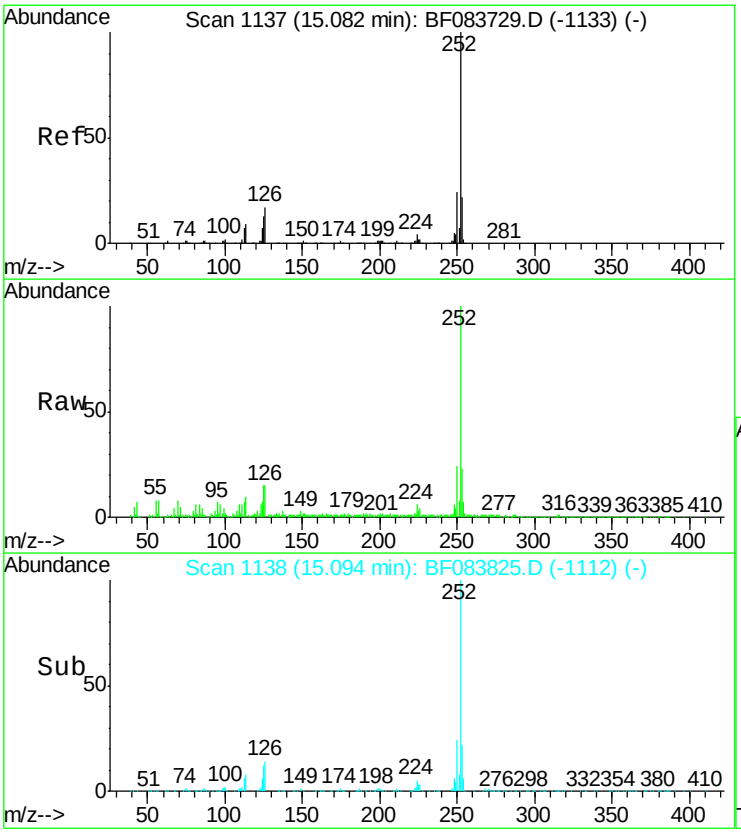
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:264 Resp: 147924

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	23.8	17.8	26.6

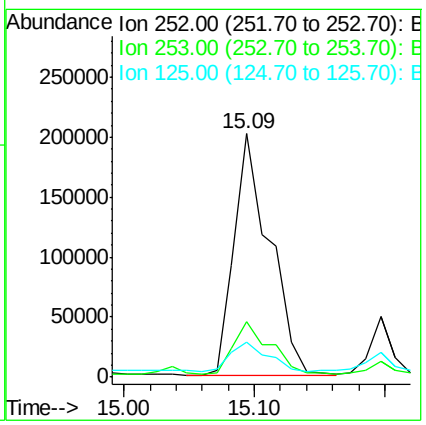


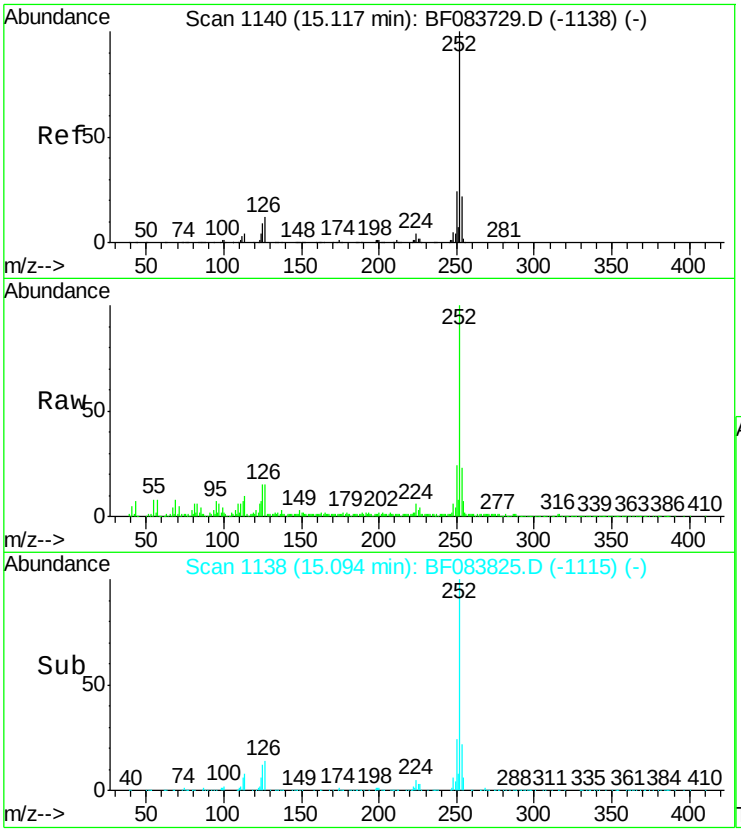


#87
Benzo(b)fluoranthene
Concen: 40.25 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:252 Resp: 379826

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	14.6	8.2	12.4#



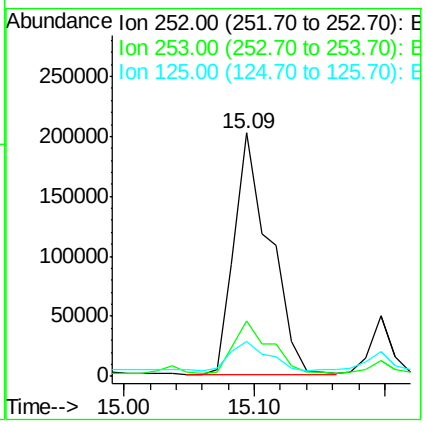


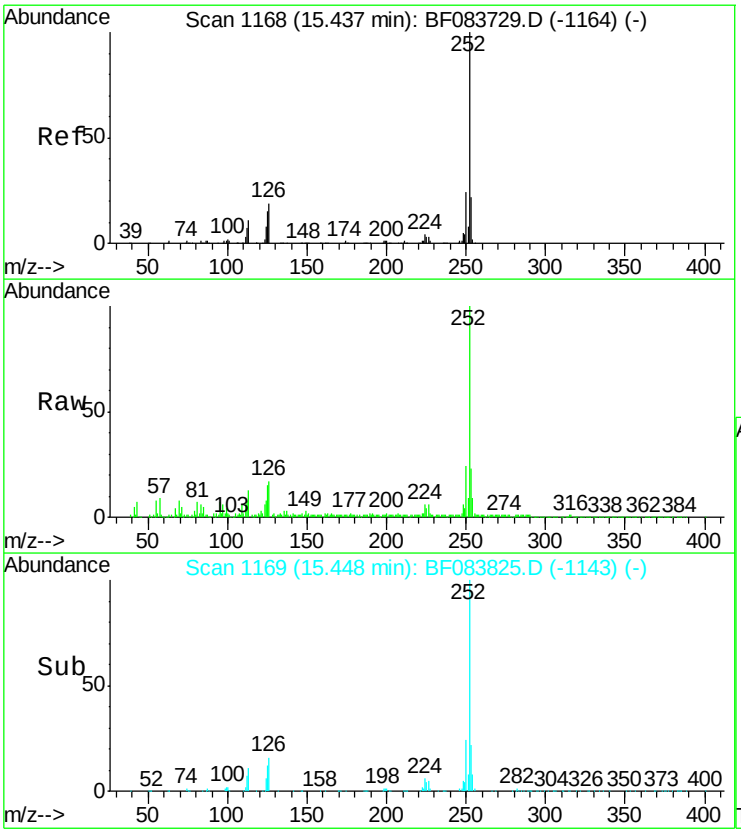
#88
Benzo(k)fluoranthene
Concen: 44.42 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:252 Resp: 379826

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	27.8
125	14.6	11.5	17.3

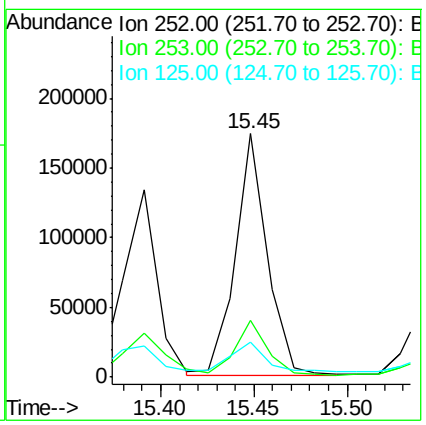


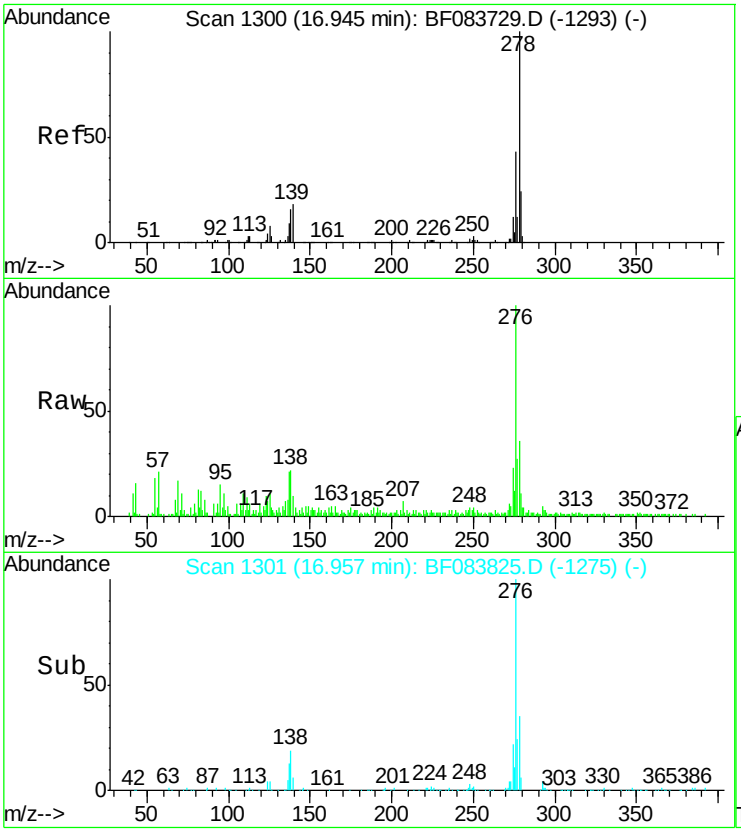


#89
Benzo(a)pyrene
Concen: 24.45 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:252 Resp: 205880

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.5	11.0	16.6



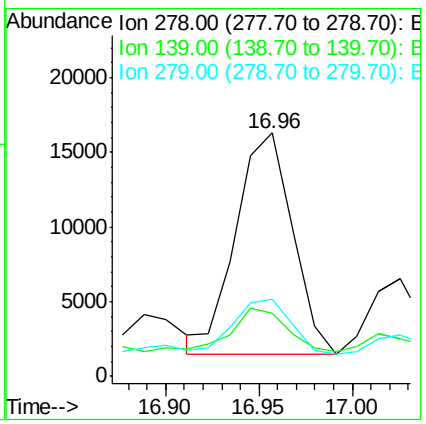


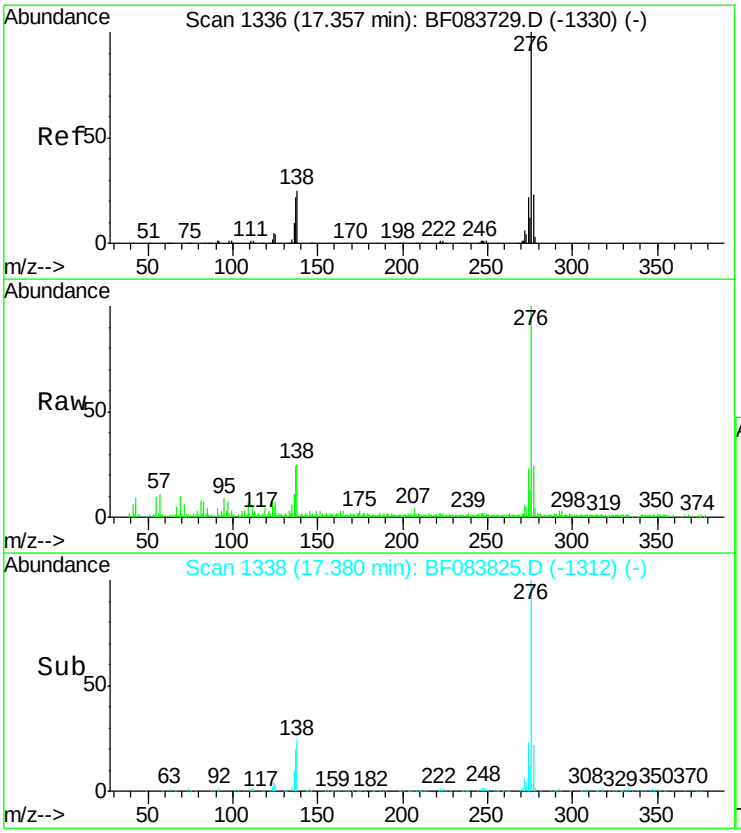
#90
Dibenzo(a,h)anthracene
Concen: 3.72 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Instrument :
BNA_F
ClientSampleId :
K201-0-2

Tgt Ion:278 Resp: 31161

Ion	Ratio	Lower	Upper
278	100		
139	26.2	12.8	19.2#
279	31.5	18.6	28.0#





#91
Benzo(g,h,i)perylene
Concen: 16.14 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083825.D
Acq: 15 Dec 2015 18:23

Tgt Ion:276 Resp: 138892

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	25.2	19.5	29.3