Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E5WC-1(6-12)

Quant Time: Oct 01 03:56:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	109516	20.00	ng		-0.03
21) Naphthalene-d8	8.19	136	416673	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	194581	20.00	ng		-0.03
63) Phenanthrene-d10	11.44	188	323203	20.00	ng		-0.02
75) Chrysene-d12	14.08	240	244550	20.00	ng		-0.03
86) Perylene-d12	15.54	264	289502	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	412084	68.31	ng		-0.02
7) Phenol-d6	6.53	99	518374	68.28	ng		-0.03
23) Nitrobenzene-d5	7.47	82	312504	49.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	119294	60.54	ng		-0.03
44) 2-Fluorobiphenyl	9.27	172	597260	47.03	ng		-0.03
78) Terphenyl-d14	13.02	244	375211	43.09	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	38740	8.40	ng	#	64
31) Naphthalene	8.22	128	48284	2.62	ng		99
32) Benzoic acid	7.98	122	1899	7.81	ng	#	32
48) Acenaphthylene	9.81	152	333189	17.66	ng		97
49) Dimethylphthalate	9.66	163	138998	10.35	ng	#	97
51) Acenaphthene	9.98	154	31718	2.83	ng	#	87
54) Dibenzofuran	10.15	168	47806	3.02	ng	#	88
55) 4-Nitrophenol	10.15	139	18894	7.75	ng	#	27
57) Fluorene	10.49	166	62099	3.52	ng		92
66) 4-Bromophenyl-phenylether	10.73	248	8142	2.50	ng	#	1
70) Phenanthrene	11.51	178	333068	20.51	ng		97
71) Anthracene	11.51	178	333068	20.28	ng		98
72) Carbazole	11.67	167	189247	12.73	ng		97
73) Di-n-butylphthalate	12.00	149	7157	Below Cal		#	31
74) Fluoranthene	12.65	202	1688931	97.55	ng		91
77) Pyrene	12.88	202	1697625	116.20	ng	#	93
80) Benzo(a)anthracene	14.07	228	1143024	86.80	ng	#	86
82) Chrysene	14.12	228	950491	Below Cal		#	90
85) Indeno(1,2,3-cd)pyrene	17.00	276	652128	63.30	ng	#	86
87) Benzo(b)fluoranthene	15.12	252	1729851	104.66	ng	#	87
88) Benzo(k)fluoranthene	15.12	252	1729851	114.19	ng	#	88
89) Benzo(a)pyrene	15.49	252	941304	65.65	ng	#	85
90) Dibenzo(a,h)anthracene	17.01	278	171258	14.24	ng	#	78
91) Benzo(g,h,i)perylene	17.44	276	654587	53.10	ng	#	75

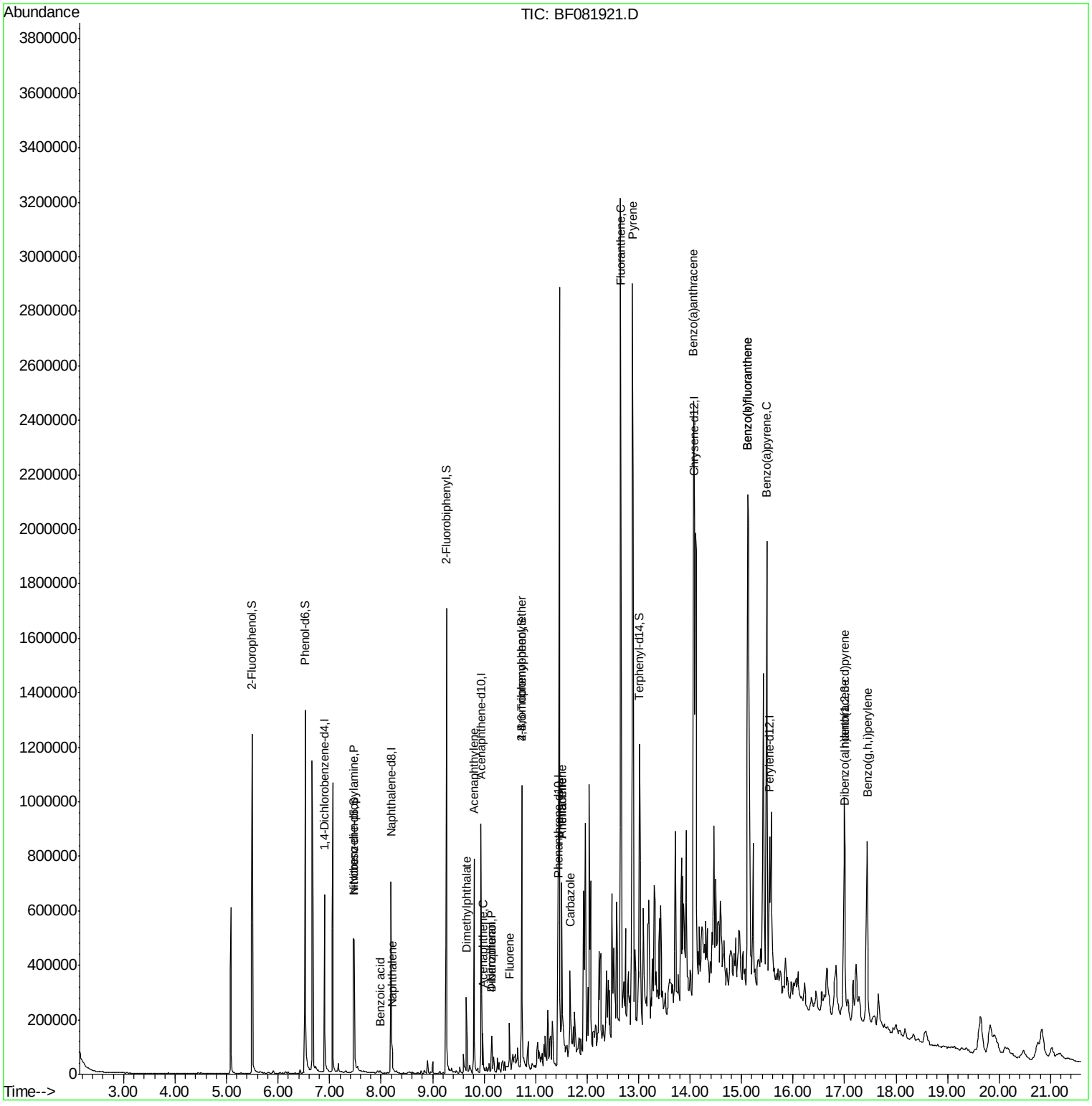
(#) = qualifier out of range (m) = manual integration (+) = signals summed

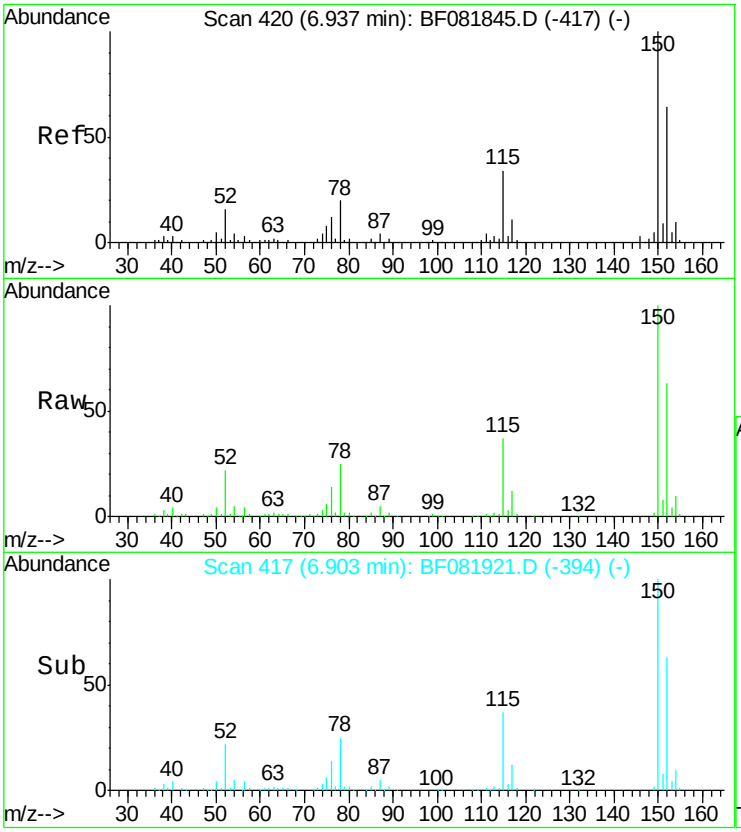
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081921.D
Acq On : 1 Oct 2015 00:53
Operator : UM/IZ
Sample : G3866-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E5WC-1(6-12)

Quant Time: Oct 01 03:56:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration



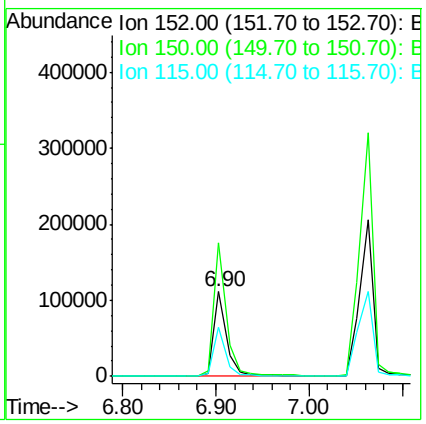


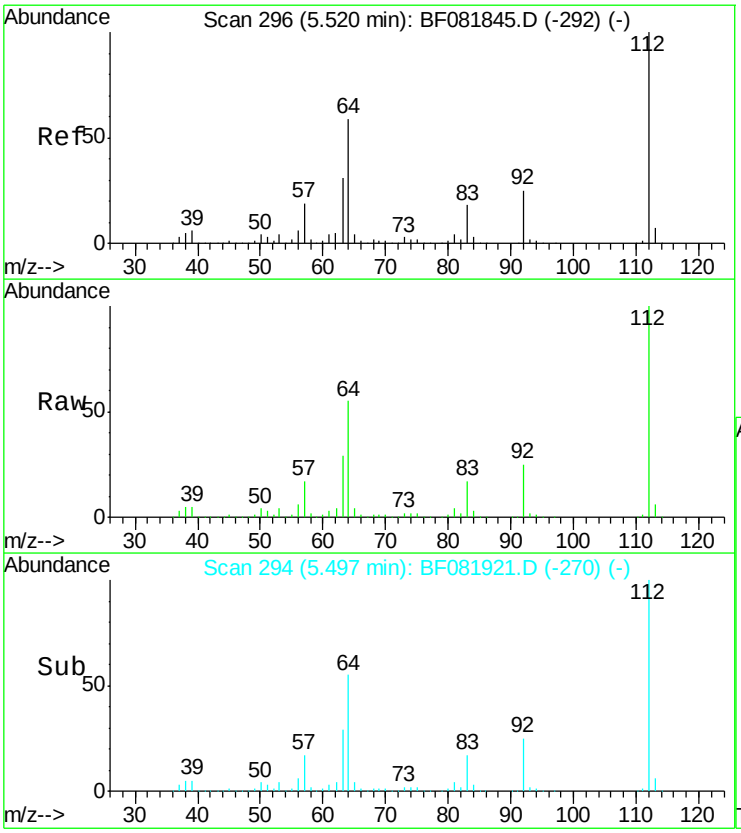
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:152 Resp: 109516

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.7	187.1
115	57.9	39.0	58.4

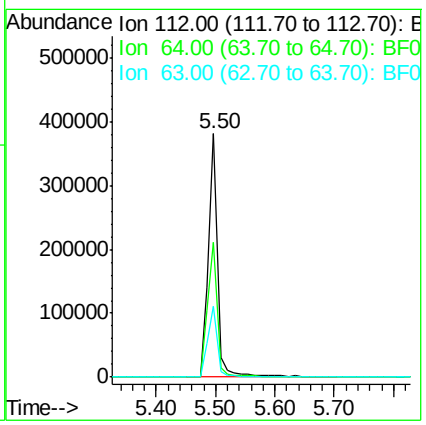


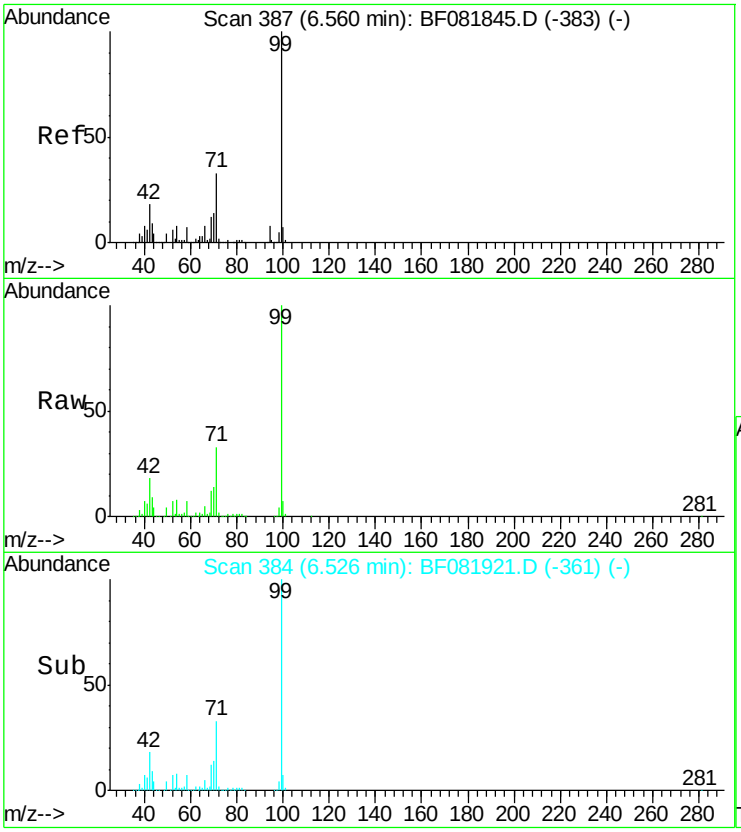


#5
2-Fluorophenol
Concen: 68.31 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:112 Resp: 412084

Ion	Ratio	Lower	Upper
112	100		
64	55.3	39.7	59.5
63	28.9	17.4	26.0#



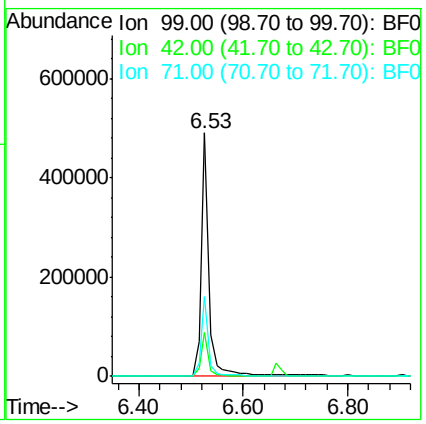


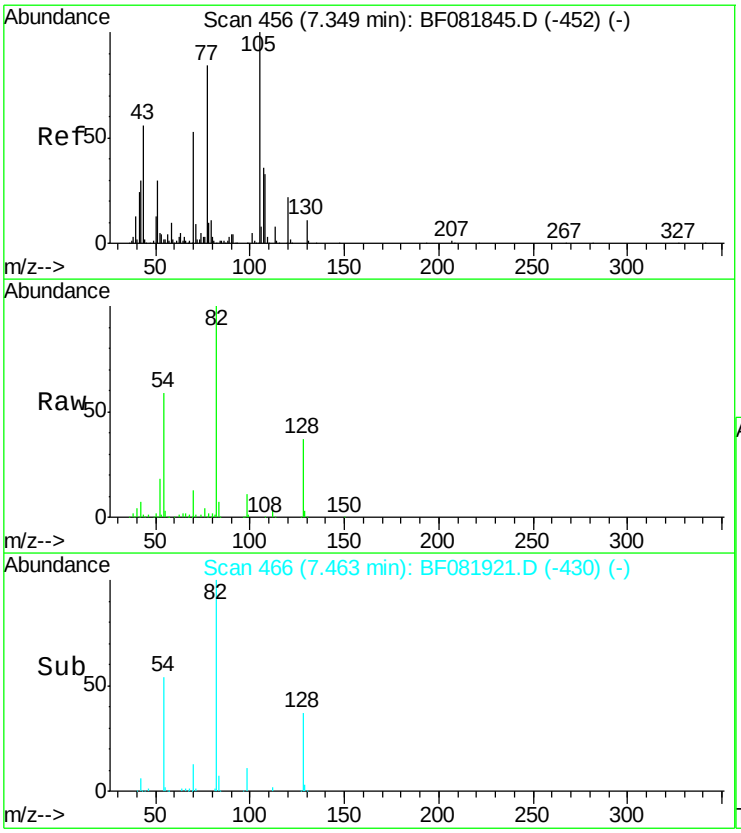
#7
Phenol-d6
Concen: 68.28 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion: 99 Resp: 518374

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	32.8	14.2	21.2#

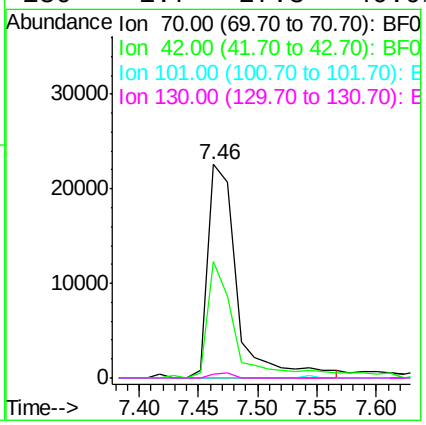


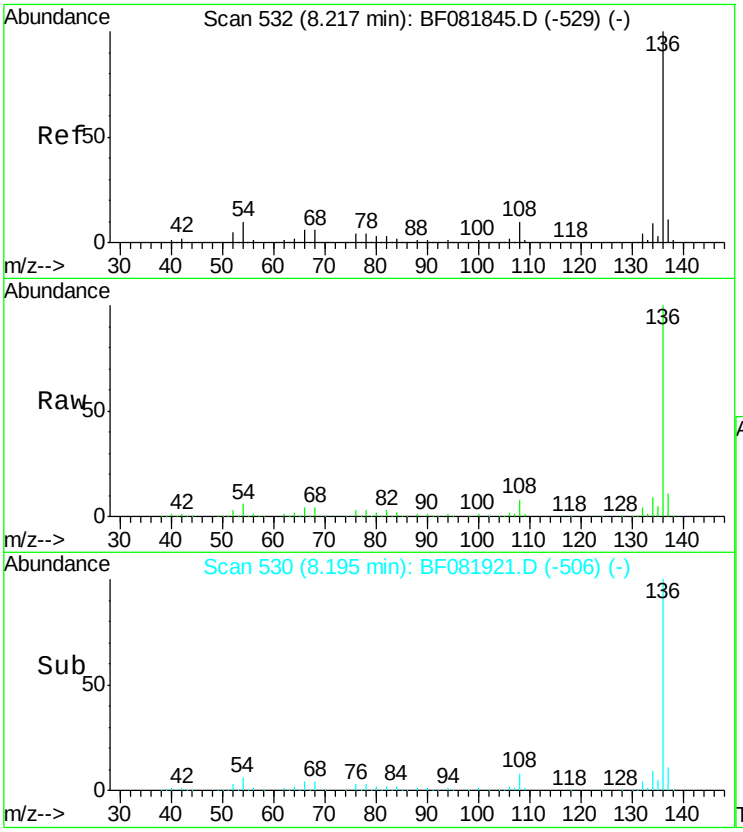


#19
n-Nitroso-di-n-propylamine
Concen: 8.40 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.11 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion: 70 Resp: 38740

Ion	Ratio	Lower	Upper
70	100		
42	54.5	63.8	95.6#
101	0.0	9.2	13.8#
130	1.7	27.3	40.9#



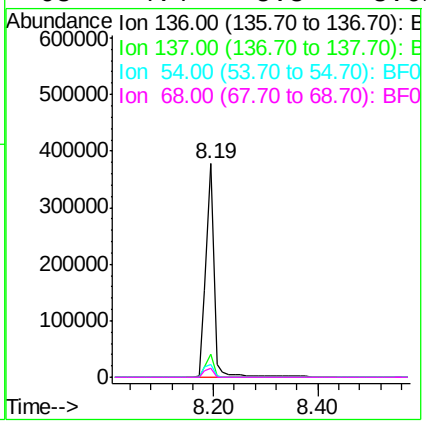


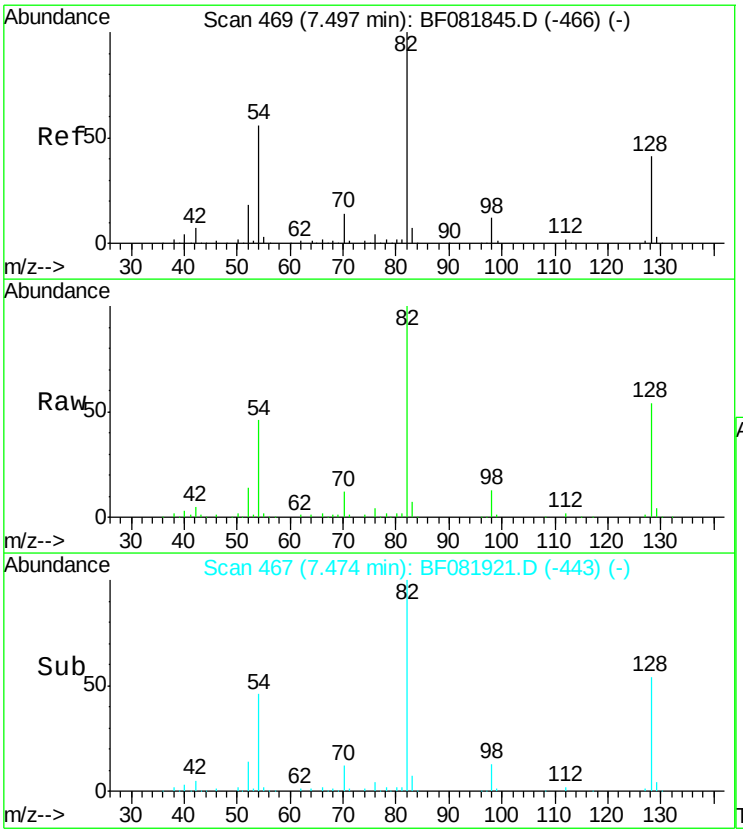
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:136 Resp: 416673

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.1	8.2	12.2#
68	4.4	5.8	8.6#

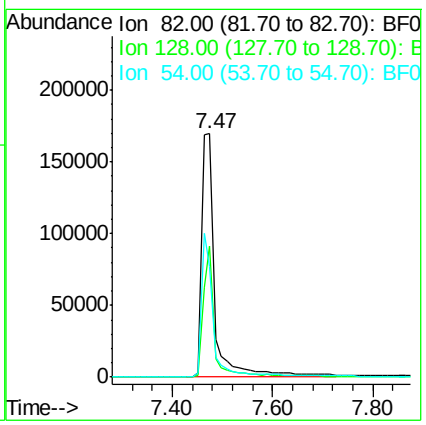


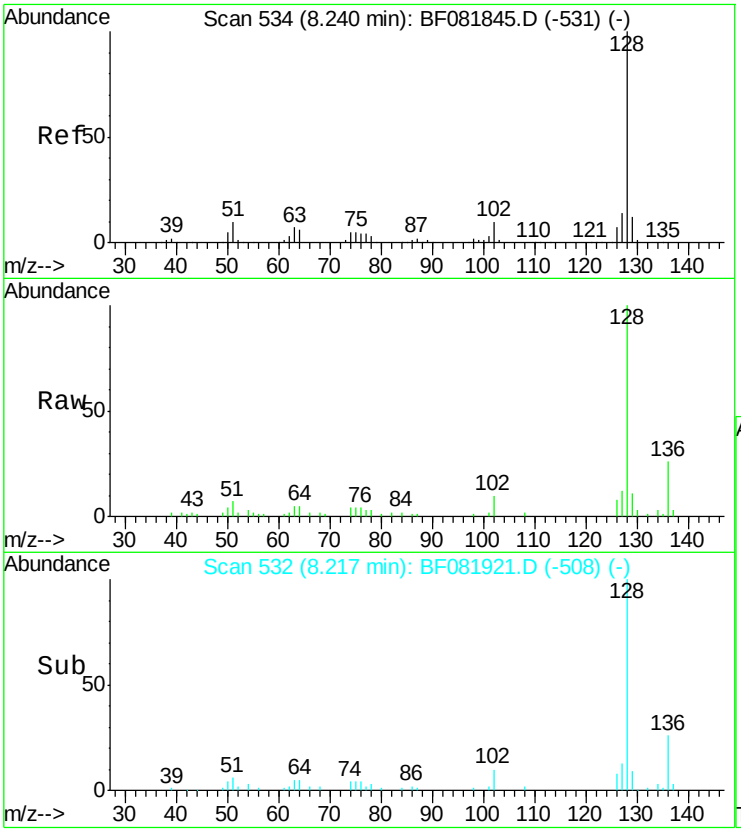


#23
Nitrobenzene-d5
Concen: 49.99 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion: 82 Resp: 312504

Ion	Ratio	Lower	Upper
82	100		
128	53.6	51.0	76.6
54	45.6	47.5	71.3#



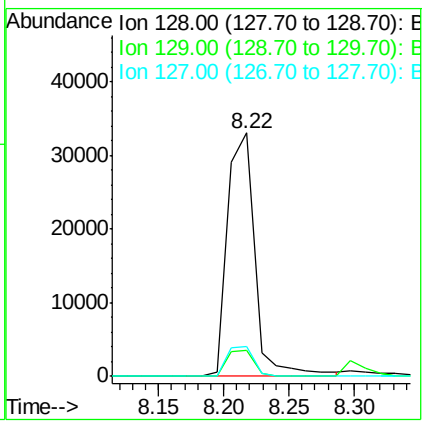


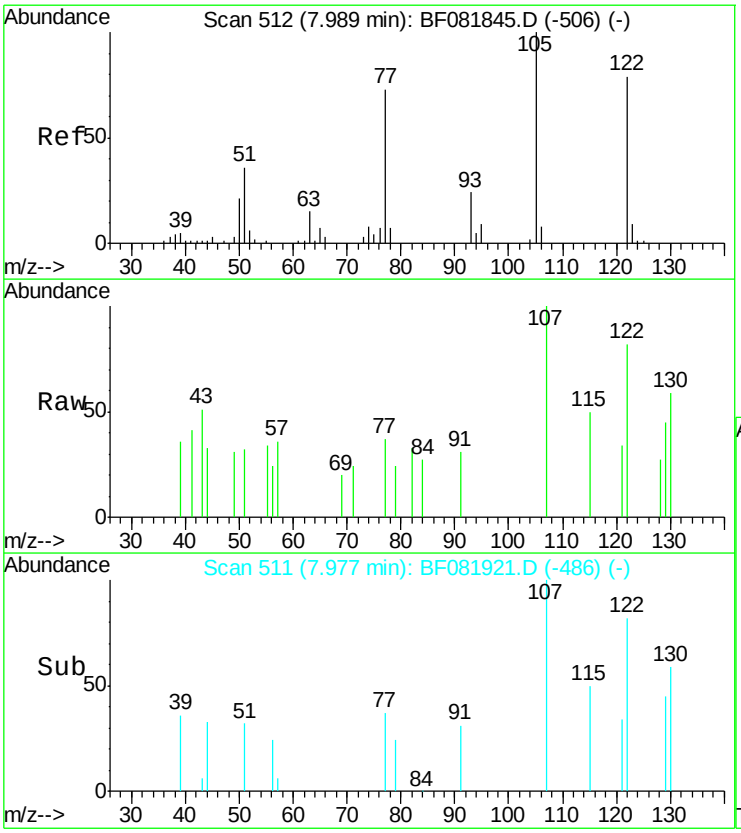
#31
Naphthalene
Concen: 2.62 ng
RT: 8.22 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:128 Resp: 48284

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	12.4	9.9	14.9

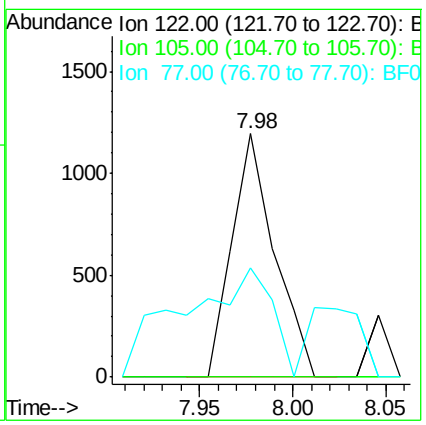


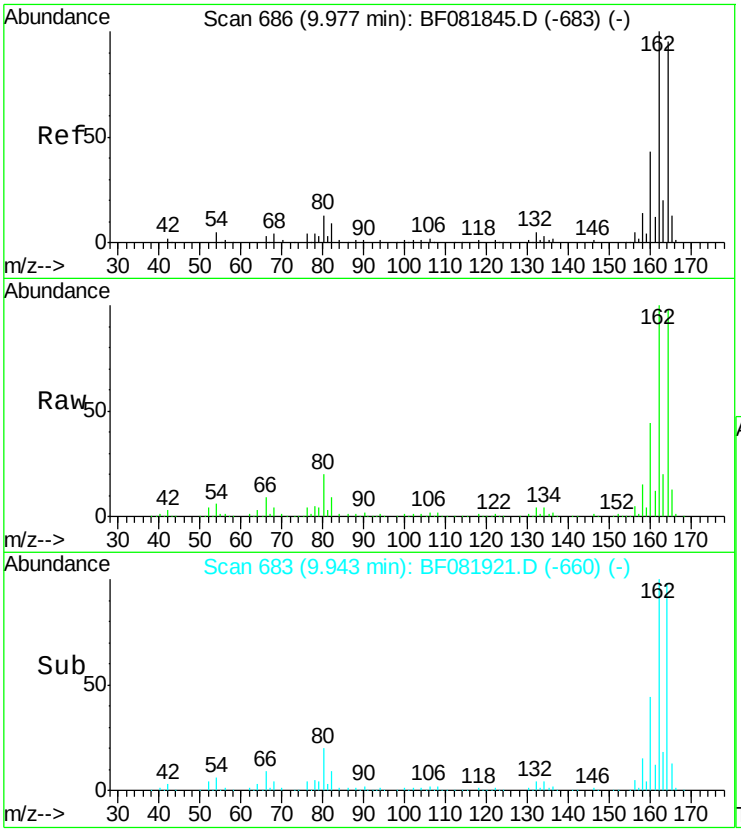


#32
Benzoic acid
Concen: 7.81 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:122 Resp: 1899

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	45.1	40.5	80.5



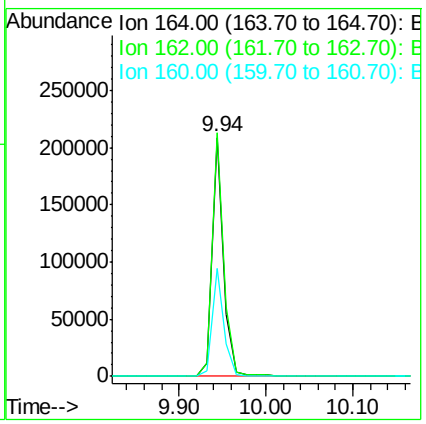


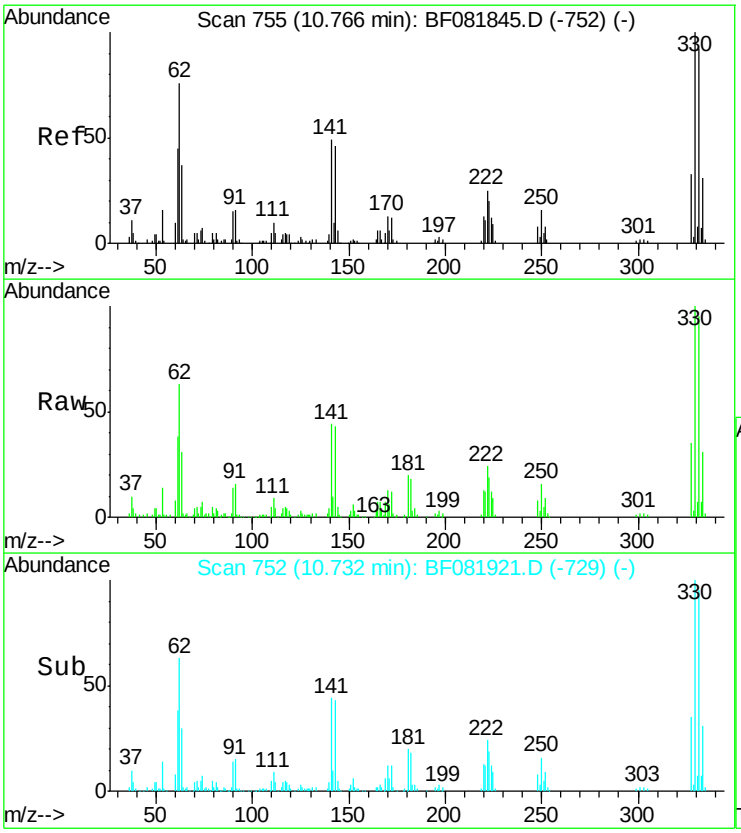
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:164 Resp: 194581

Ion	Ratio	Lower	Upper
164	100		
162	102.1	75.2	112.8
160	45.3	31.5	47.3

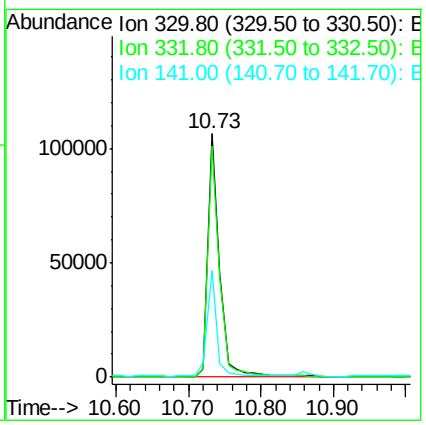


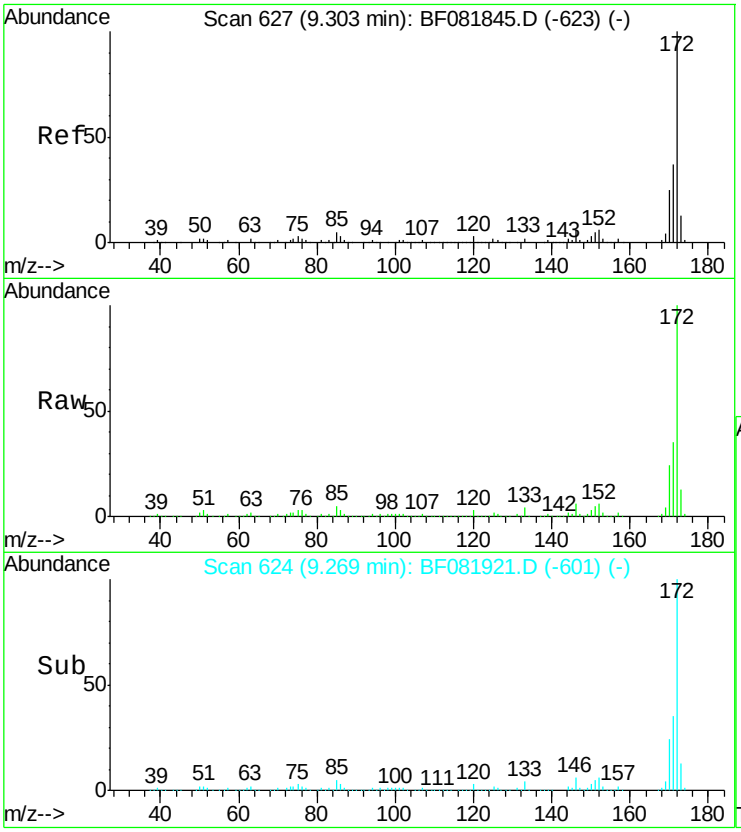


#41
2,4,6-Tribromophenol
Concen: 60.54 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:330 Resp: 119294

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	39.7	29.7	44.5



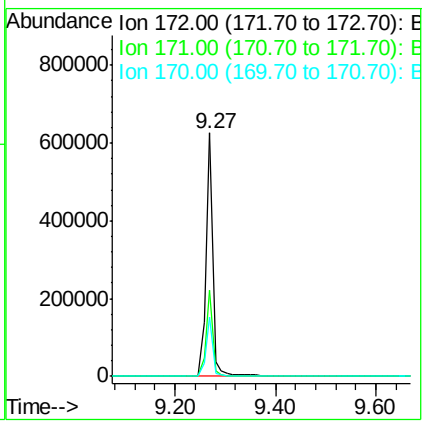


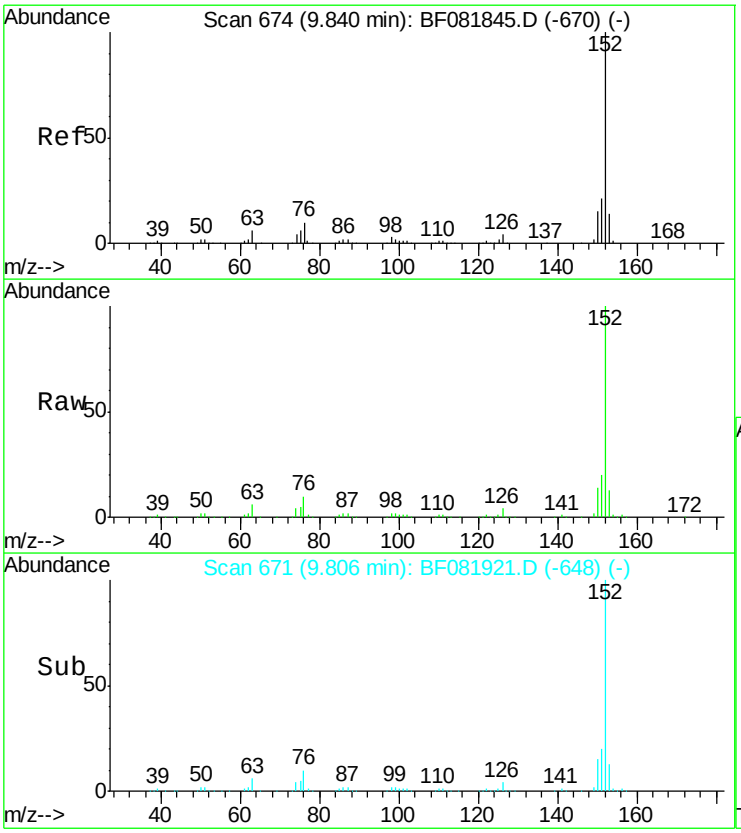
#44
2-Fluorobiphenyl
Concen: 47.03 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:172 Resp: 597260

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.2	17.4	26.2

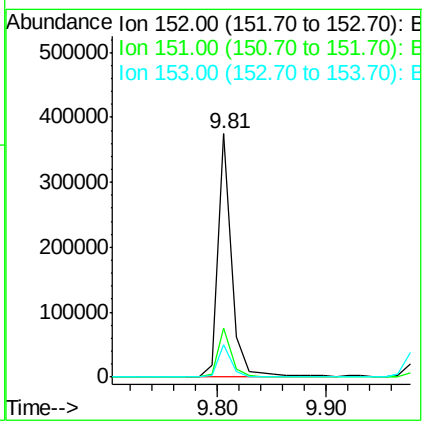


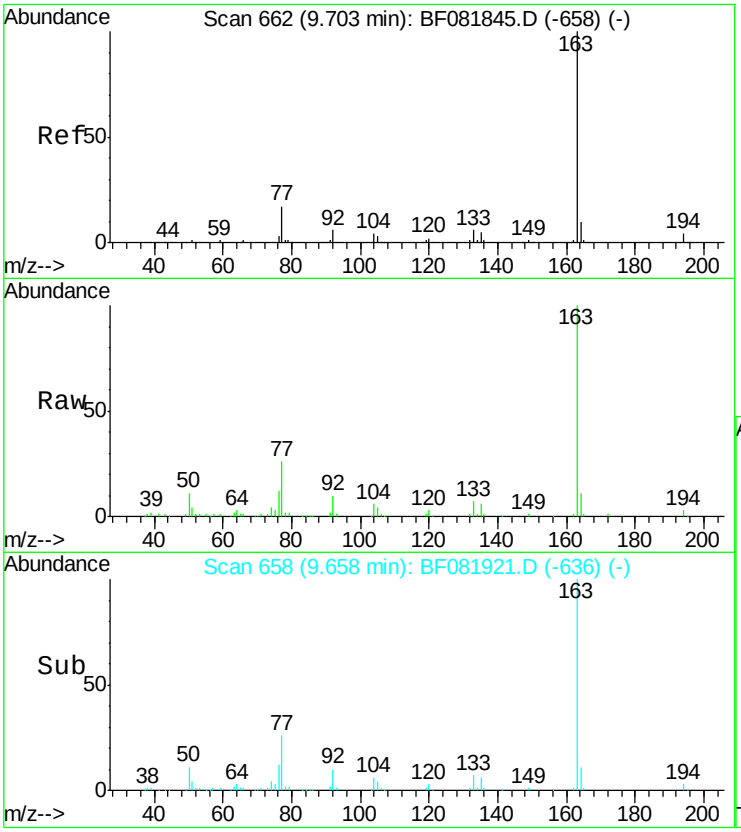


#48
Acenaphthylene
Concen: 17.66 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:152 Resp: 333189

Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.5	10.3	15.5



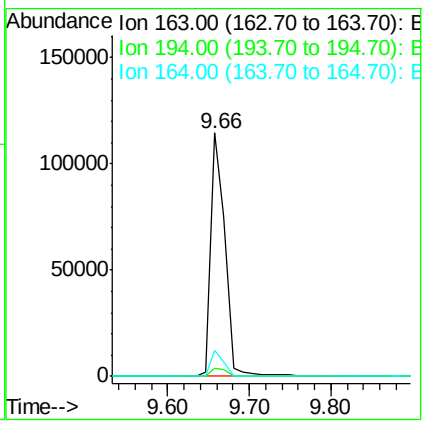


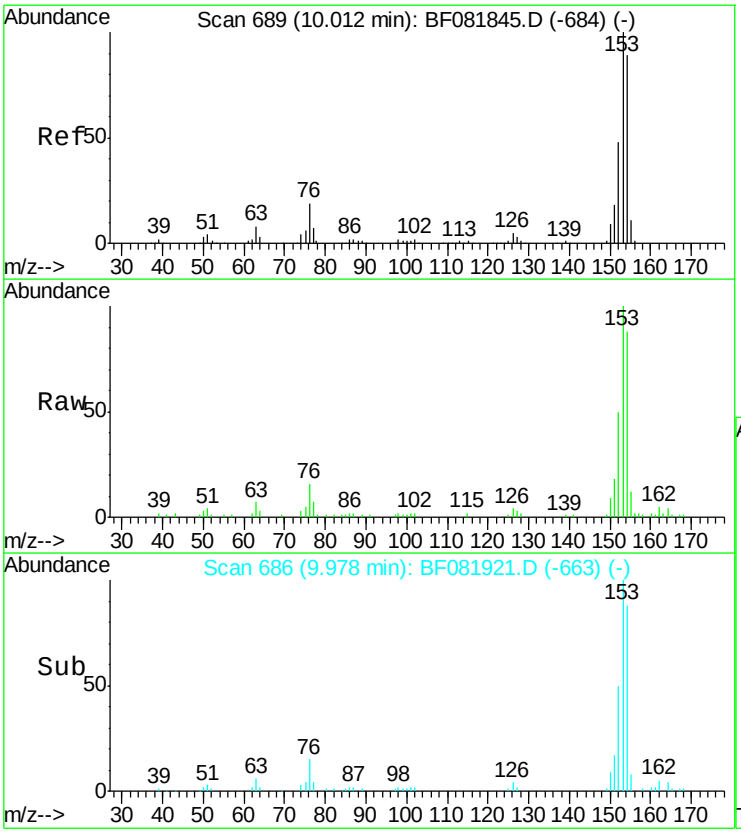
#49
Dimethylphthalate
Concen: 10.35 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:163 Resp: 138998

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.9	8.3	12.5

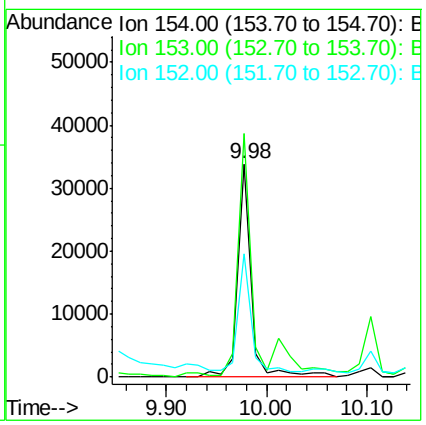


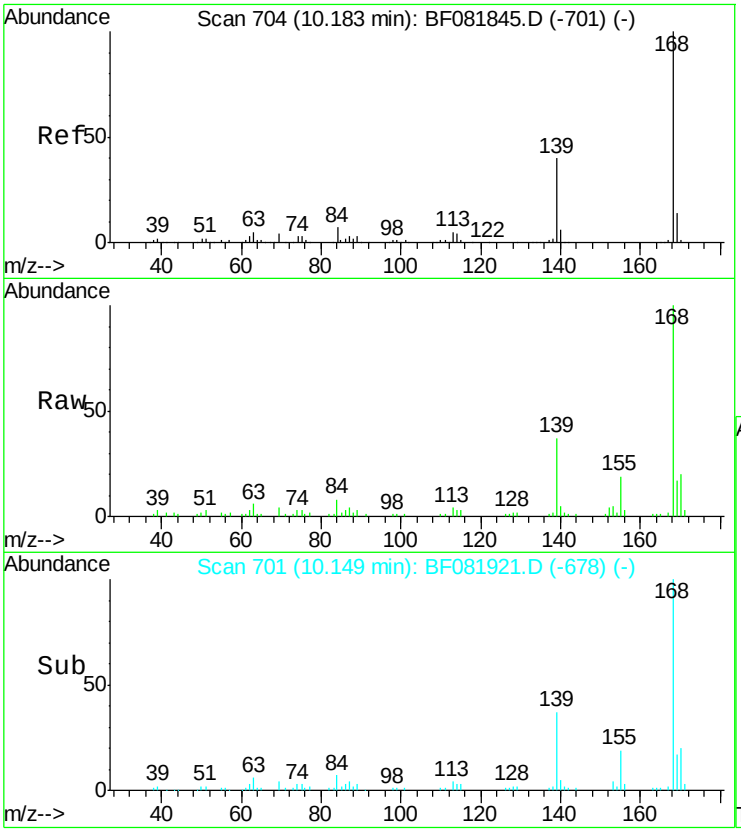


#51
Acenaphthene
Concen: 2.83 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:154 Resp: 31718

Ion	Ratio	Lower	Upper
154	100		
153	114.1	82.1	123.1
152	57.6	37.9	56.9#



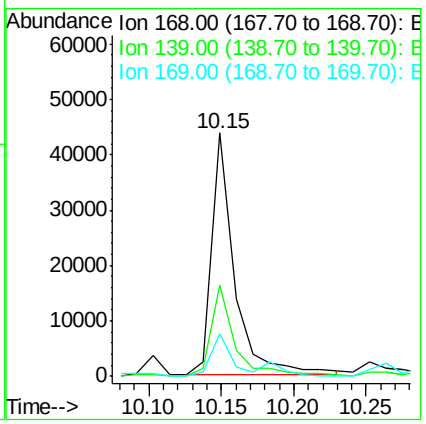


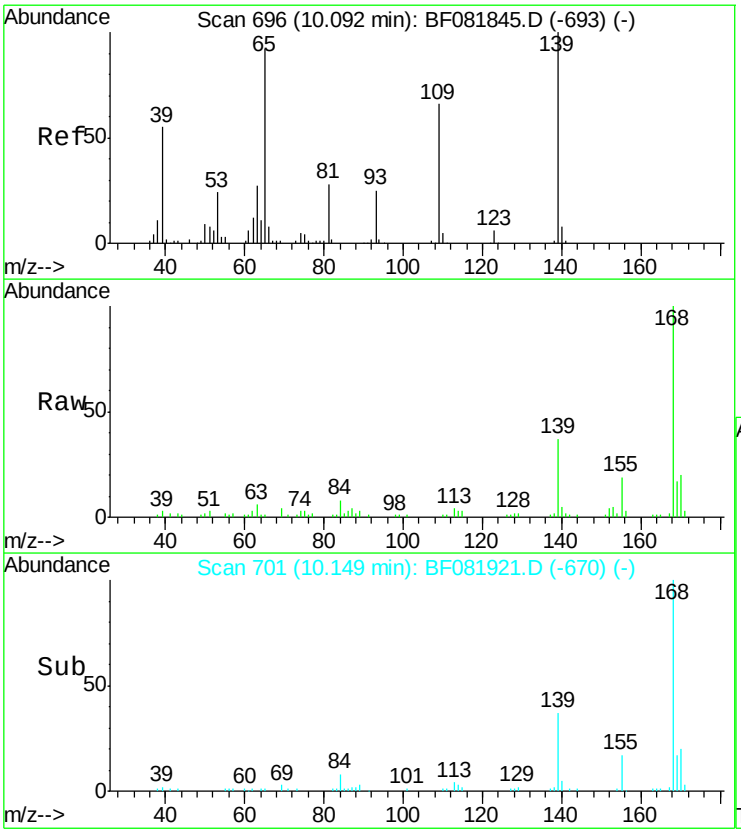
#54
Dibenzofuran
Concen: 3.02 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:168 Resp: 47806

Ion	Ratio	Lower	Upper
168	100		
139	37.3	24.2	36.2#
169	17.4	10.6	15.8#

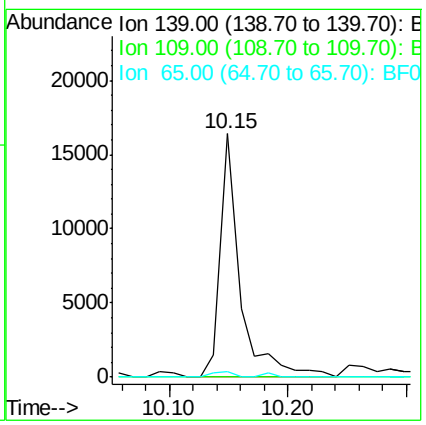


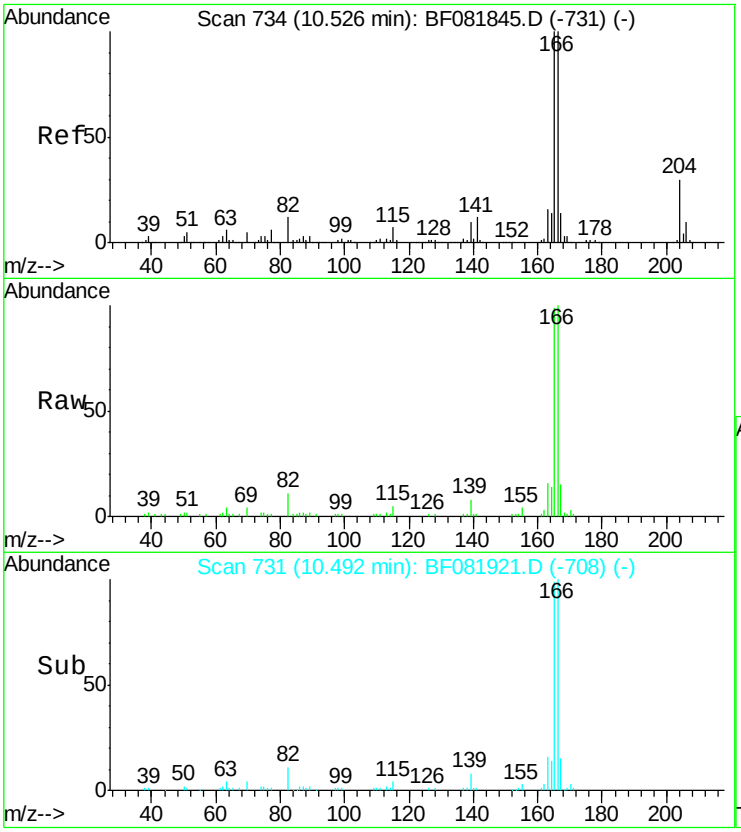


#55
4-Nitrophenol
Concen: 7.75 ng
RT: 10.15 min Scan# 701
Delta R.T. 0.06 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:139 Resp: 18894

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	2.2	45.9	85.9#



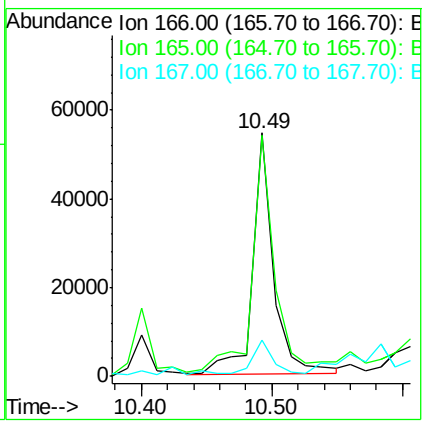


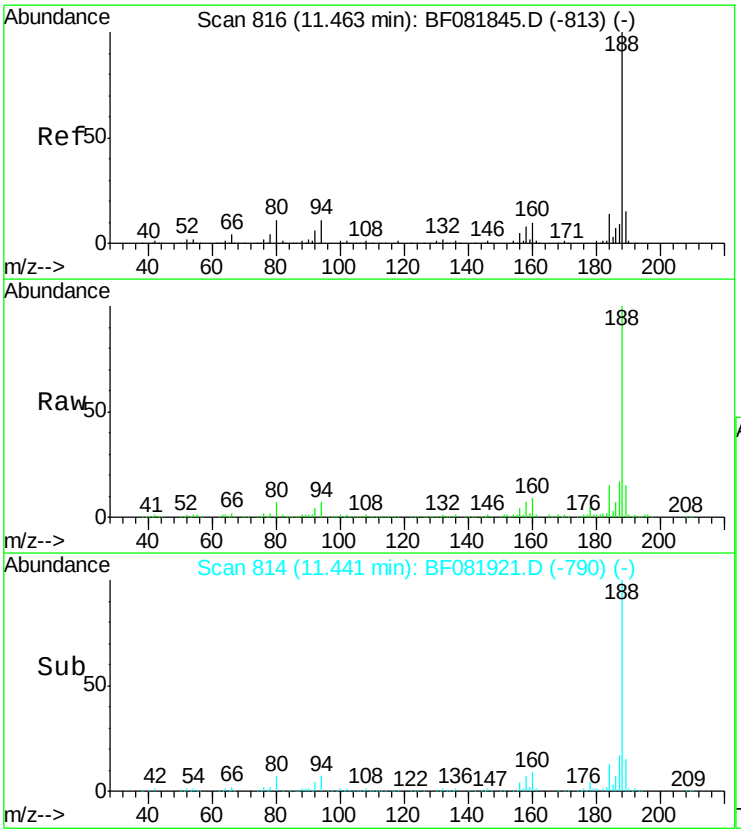
#57
Fluorene
Concen: 3.52 ng
RT: 10.49 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:166 Resp: 62099

Ion	Ratio	Lower	Upper
166	100		
165	98.8	72.6	109.0
167	14.9	10.6	16.0

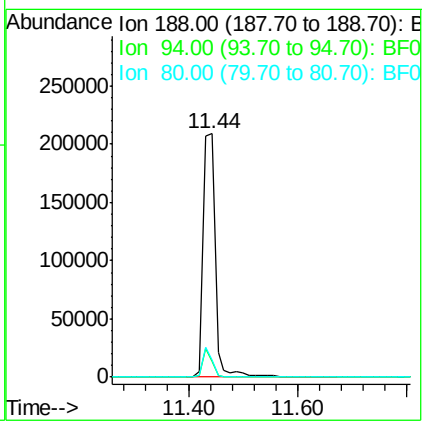


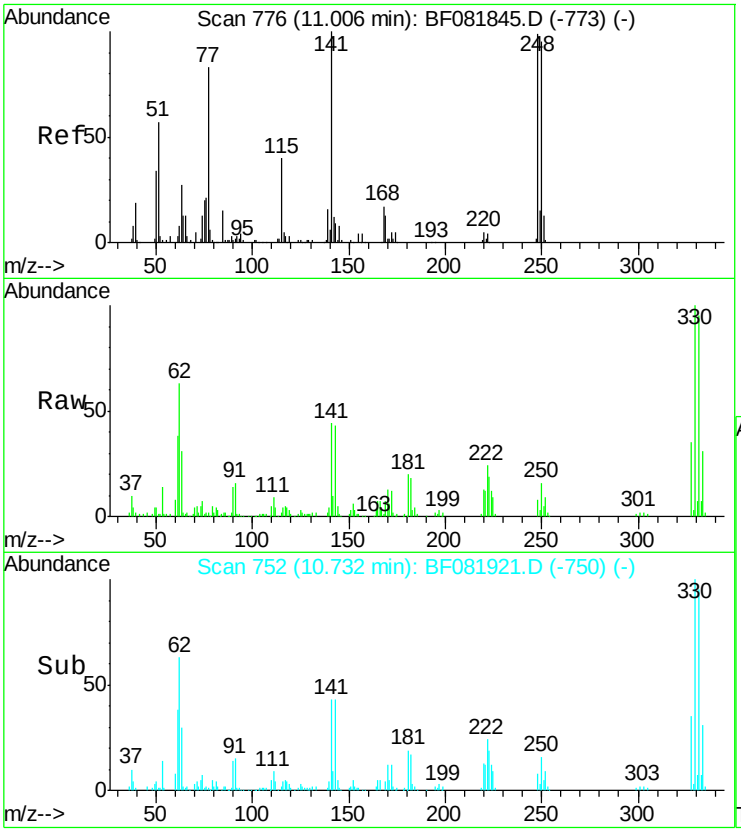


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:188 Resp: 323203

Ion	Ratio	Lower	Upper
188	100		
94	6.5	11.1	16.7#
80	7.0	11.0	16.4#



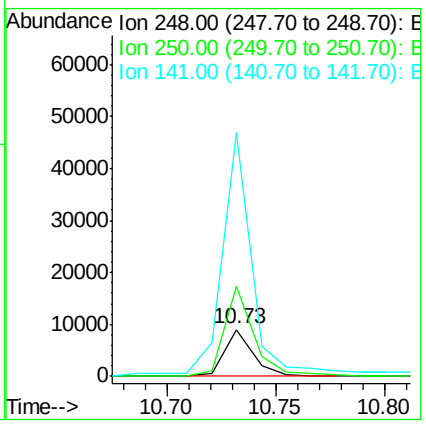


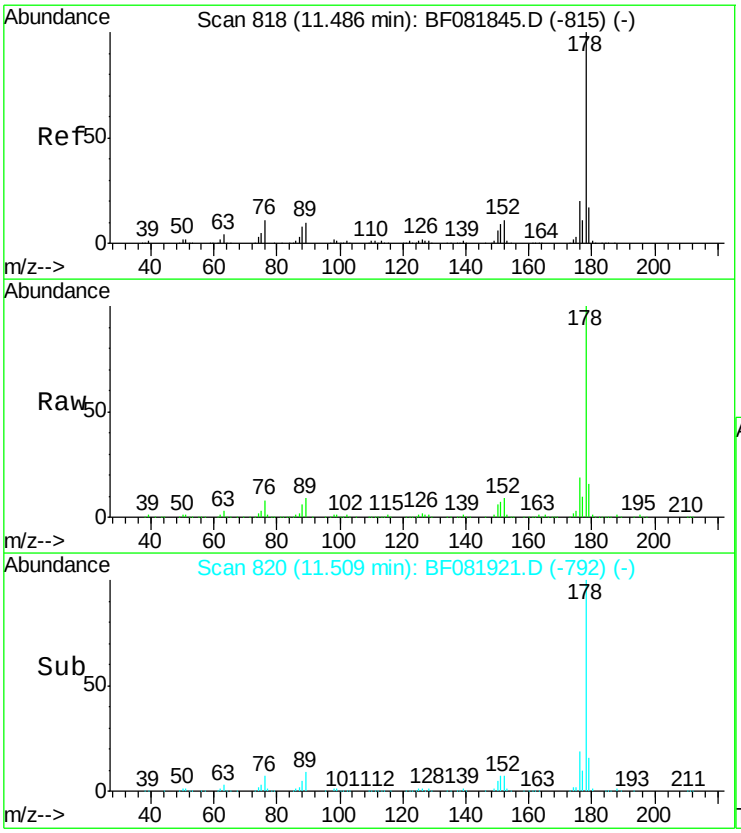
#66
4-Bromophenyl-phenylether
Concen: 2.50 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:248 Resp: 8142

Ion	Ratio	Lower	Upper
248	100		
250	194.9	78.5	117.7#
141	524.0	59.0	88.6#

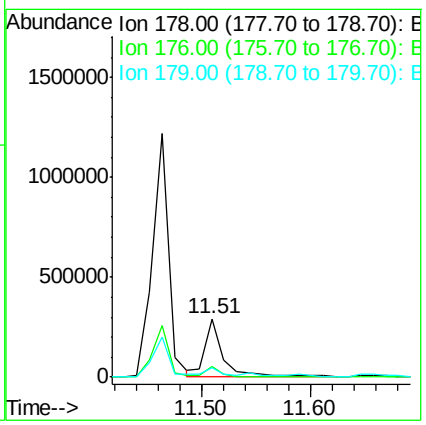


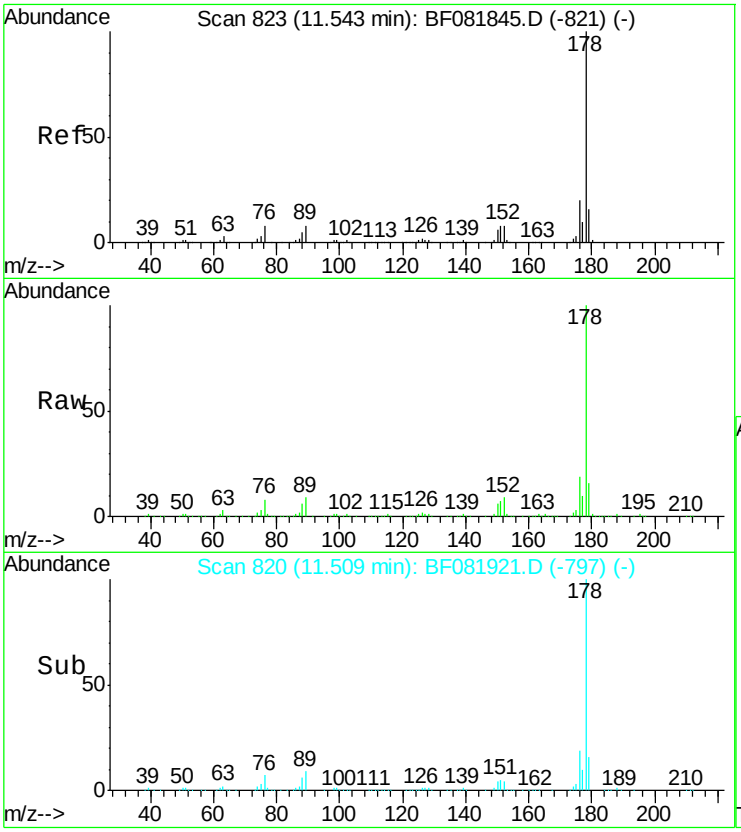


#70
Phenanthrene
Concen: 20.51 ng
RT: 11.51 min Scan# 820
Delta R.T. 0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:178 Resp: 333068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	13.8	20.8
179	16.0	12.2	18.2



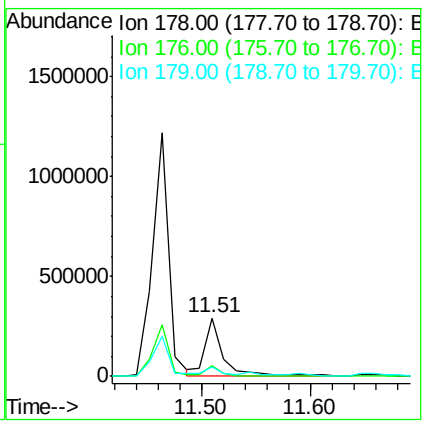


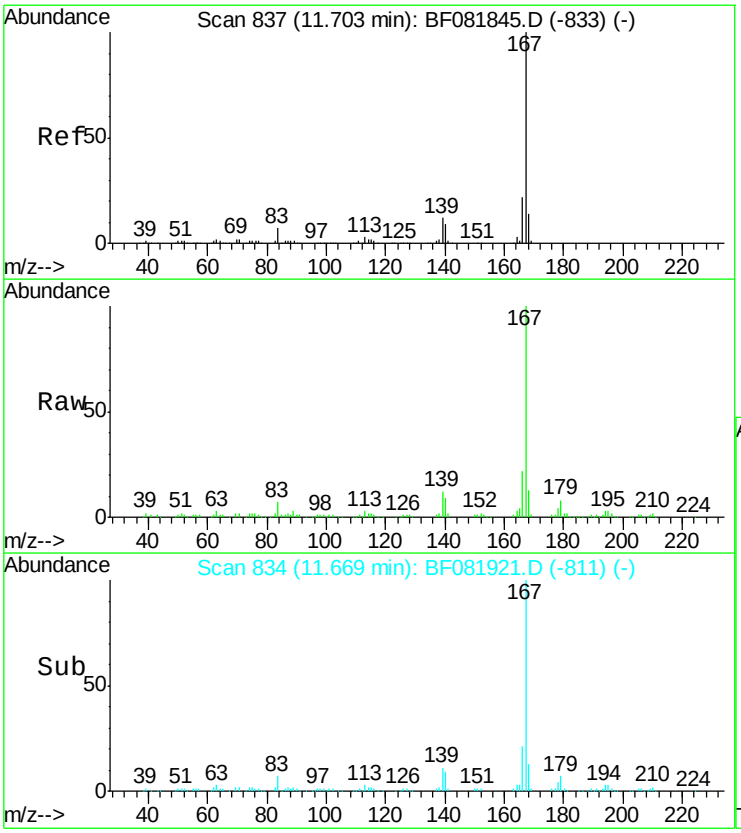
#71
Anthracene
Concen: 20.28 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:178 Resp: 333068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	16.0	12.2	18.2

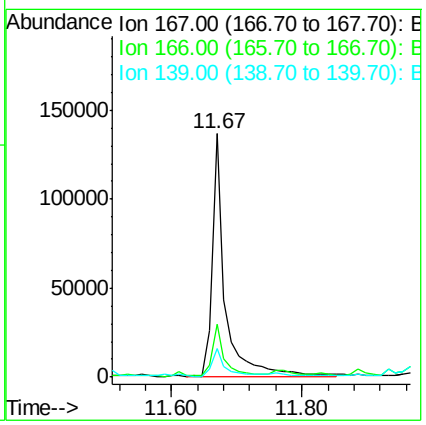


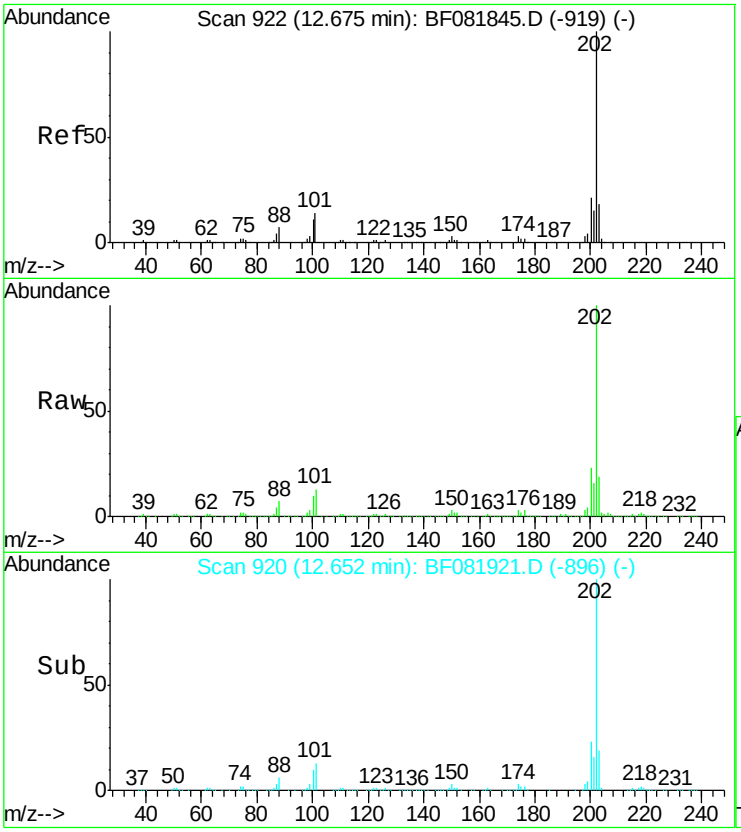


#72
Carbazole
Concen: 12.73 ng
RT: 11.67 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:167 Resp: 189247

Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	11.7	9.5	14.3



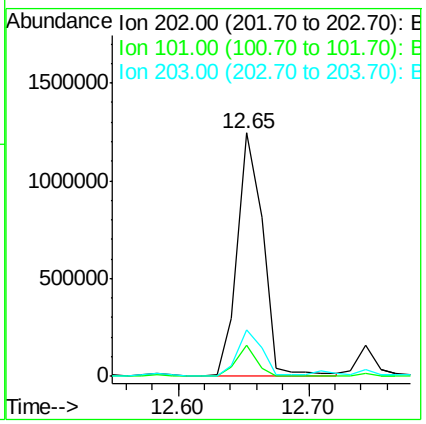


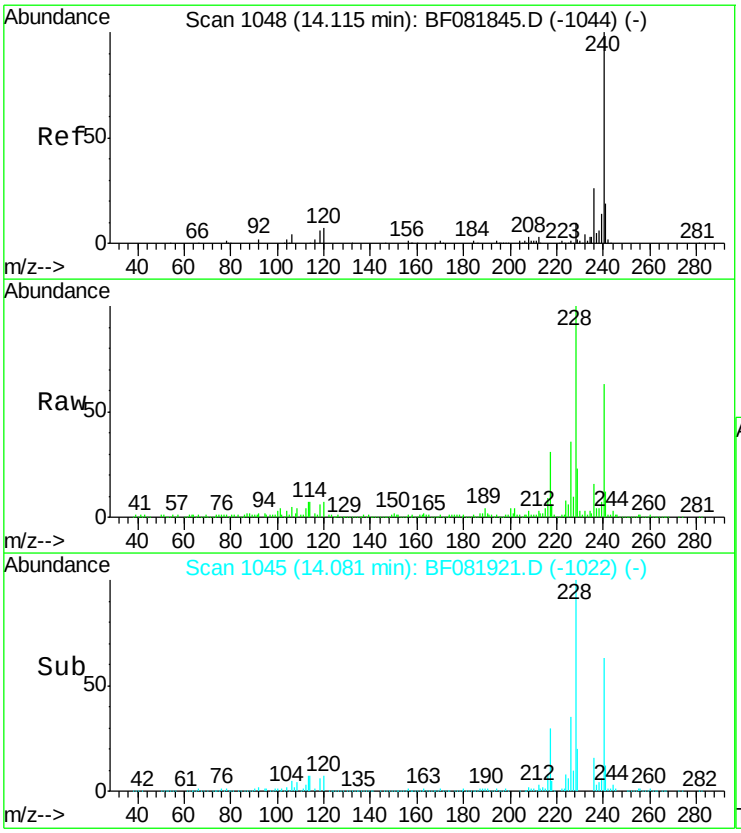
#74
Fluoranthene
Concen: 97.55 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:202 Resp: 1688931

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	38.3
203	19.3	0.0	37.3

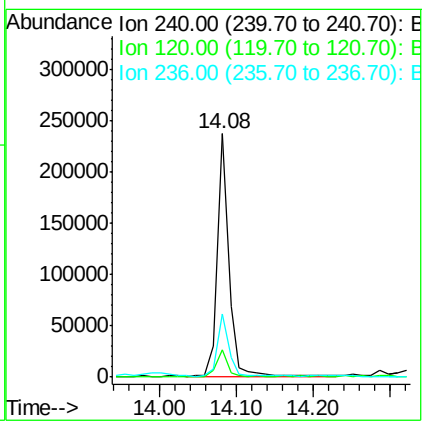


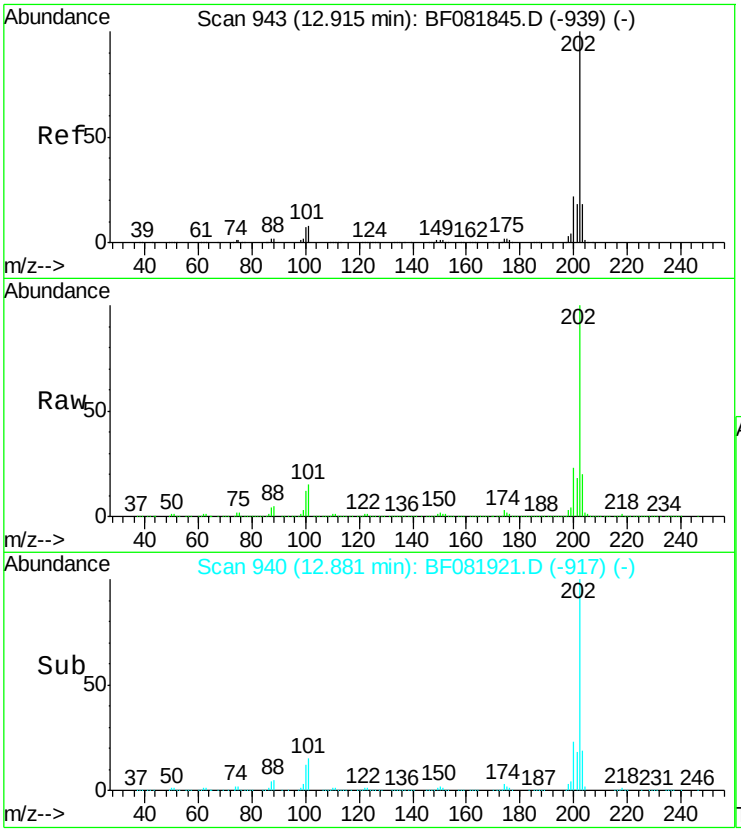


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:240 Resp: 244550

Ion	Ratio	Lower	Upper
240	100		
120	11.1	16.2	24.2#
236	26.1	18.4	27.6



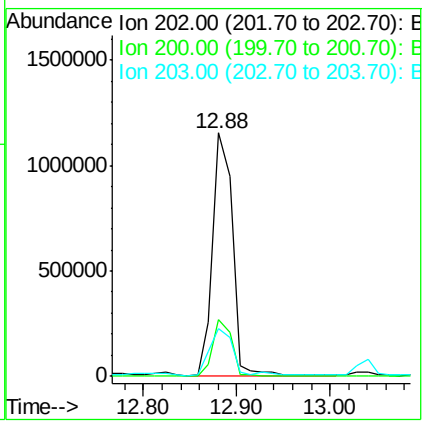


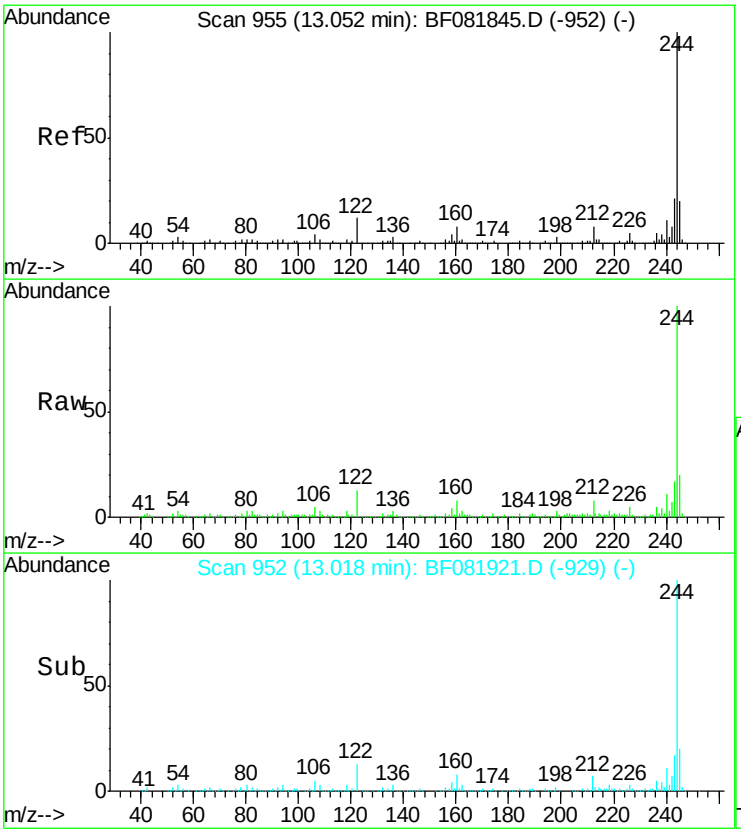
#77
Pyrene
Concen: 116.20 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:202 Resp: 1697625

Ion	Ratio	Lower	Upper
202	100		
200	23.0	15.0	22.4#
203	19.6	14.1	21.1

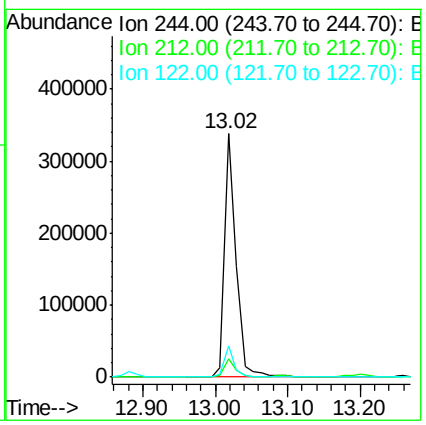


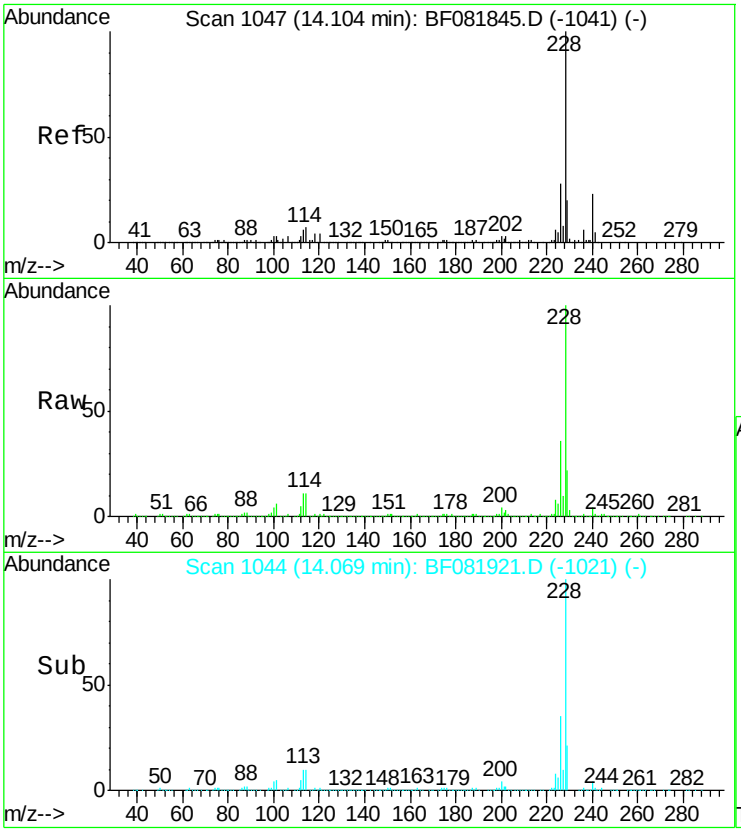


#78
Terphenyl-d14
Concen: 43.09 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:244 Resp: 375211

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	13.0	17.4	26.2#



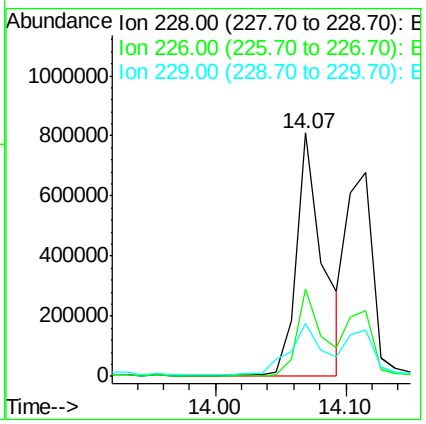


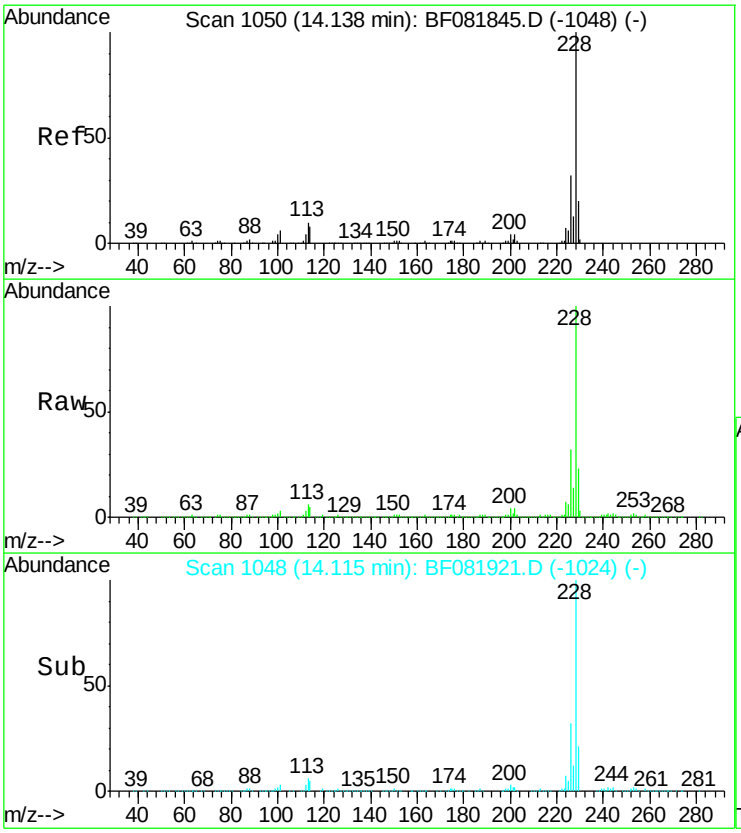
#80
Benzo(a)anthracene
Concen: 86.80 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:228 Resp: 1143024

Ion	Ratio	Lower	Upper
228	100		
226	35.8	20.0	30.0#
229	21.7	15.4	23.2

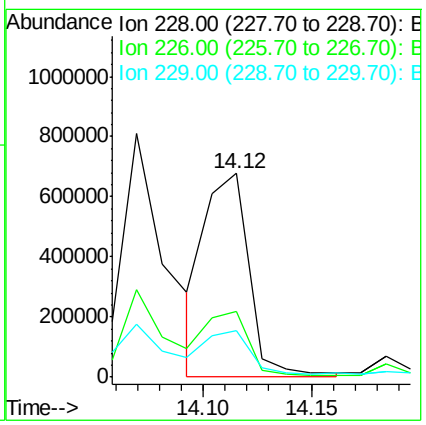


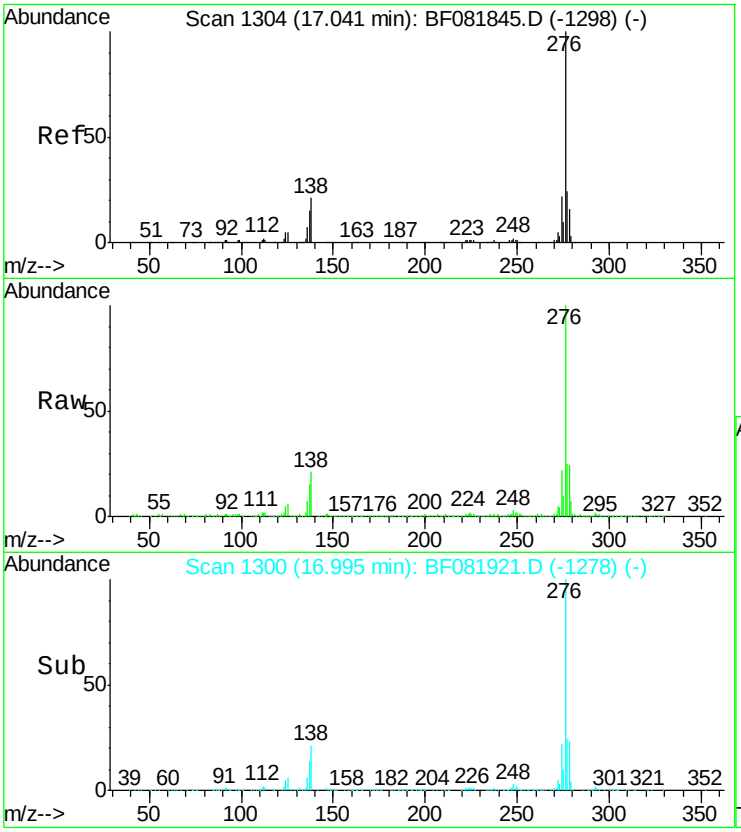


#82
Chrysene
Concen: Below Cal
RT: 14.12 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:228 Resp: 950491

Ion	Ratio	Lower	Upper
228	100		
226	32.3	21.0	31.4#
229	22.6	15.6	23.4



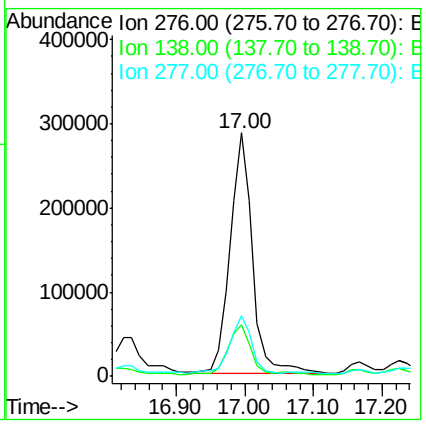


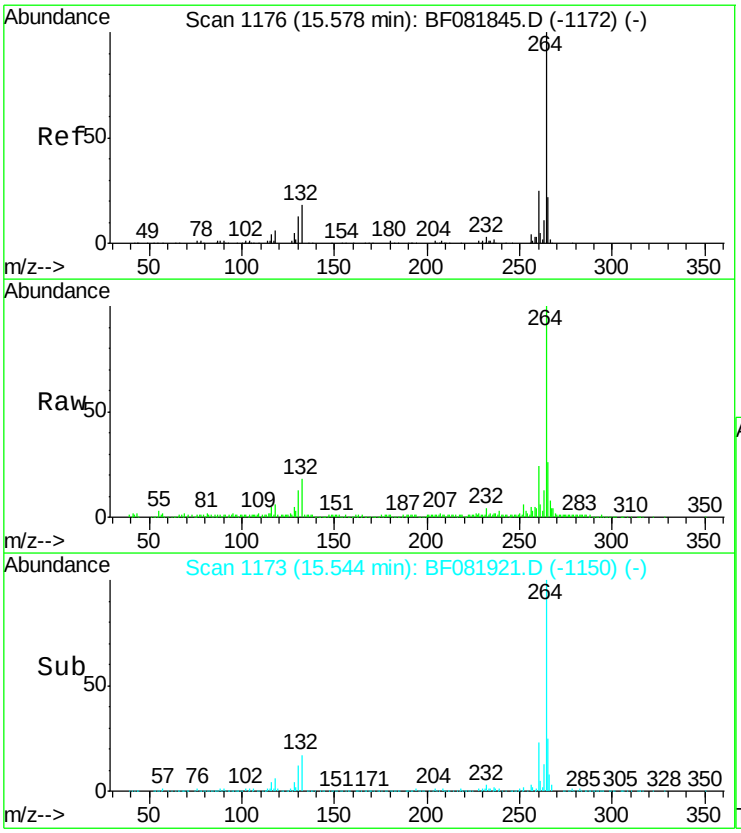
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.30 ng
RT: 17.00 min Scan# 1300
Delta R.T. -0.05 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:276 Resp: 652128

Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.7	38.5#
277	22.9	15.6	23.4

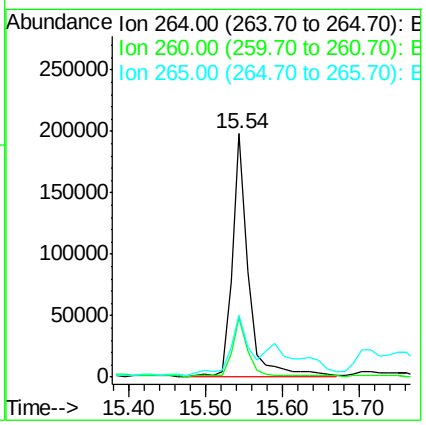


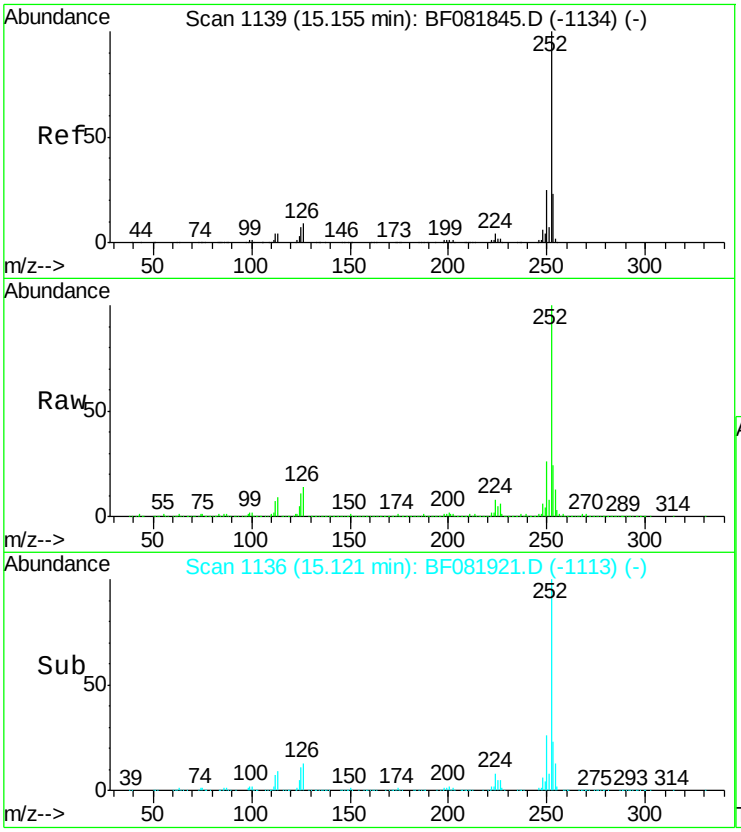


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:264 Resp: 289502

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	25.6	17.2	25.8



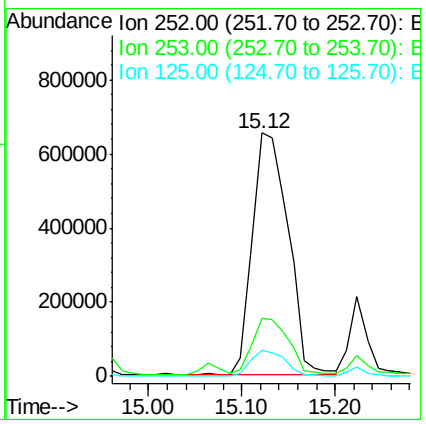


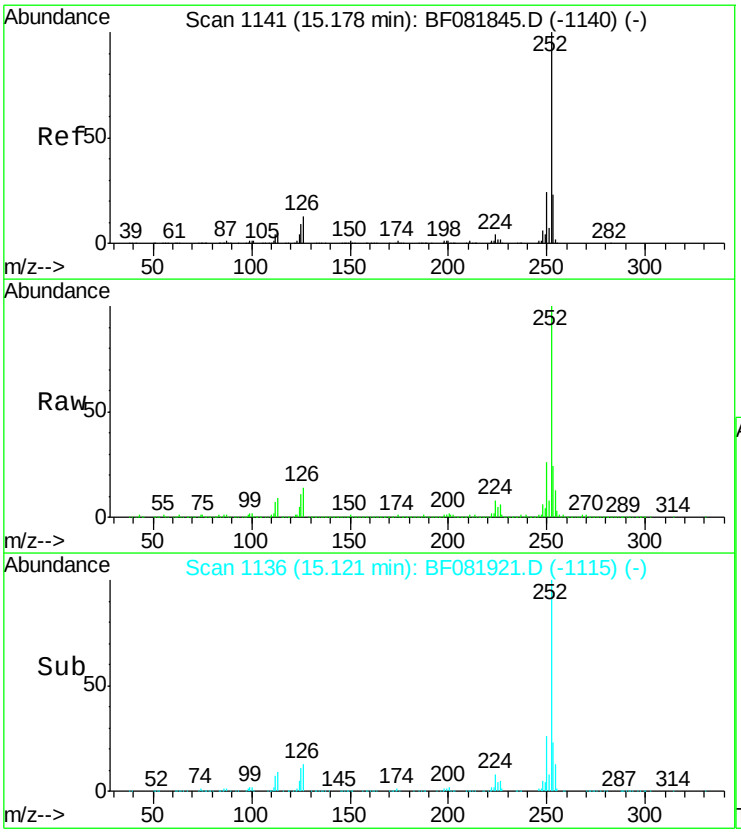
#87
Benzo(b)fluoranthene
Concen: 104.66 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:252 Resp: 1729851

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	10.9	17.1	25.7#

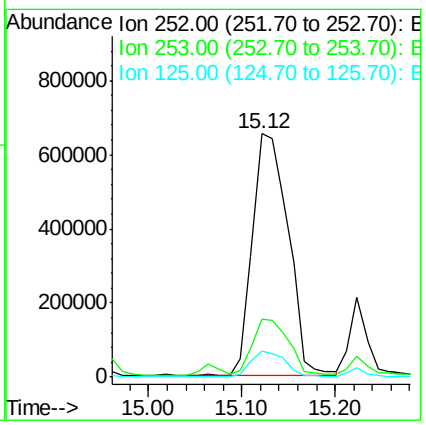


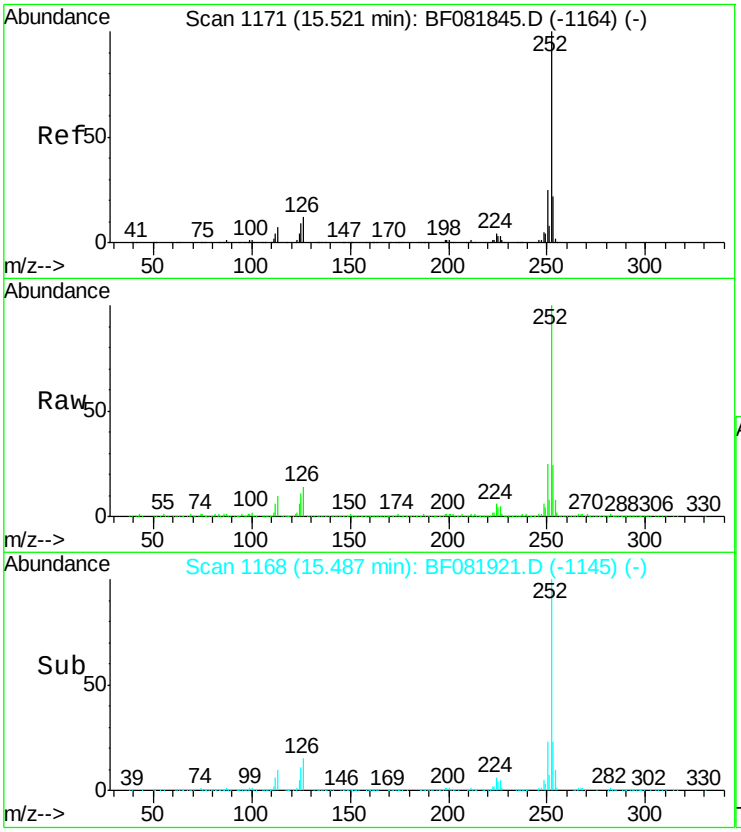


#88
Benzo(k)fluoranthene
Concen: 114.19 ng
RT: 15.12 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:252 Resp: 1729851

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	10.9	16.0	24.0#



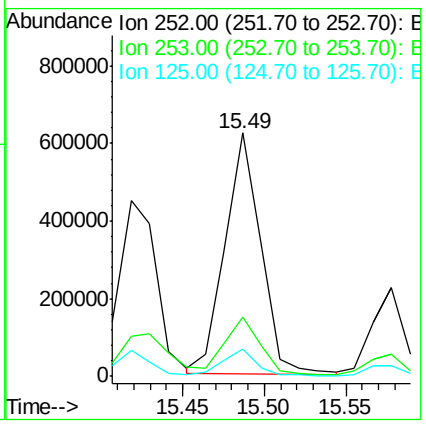


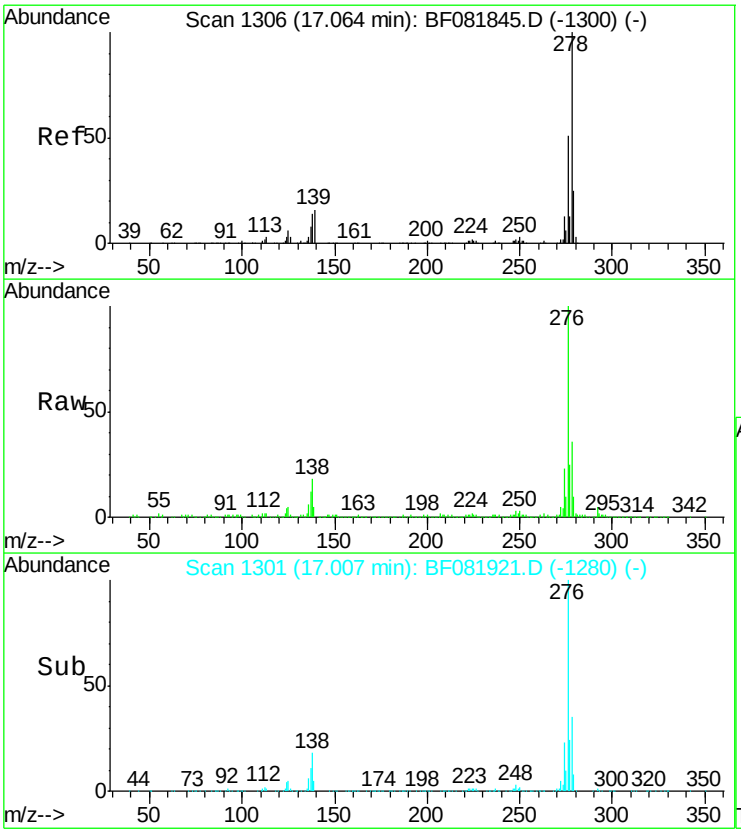
#89
Benzo(a)pyrene
Concen: 65.65 ng
RT: 15.49 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:252 Resp: 941304

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	11.0	18.0	27.0#

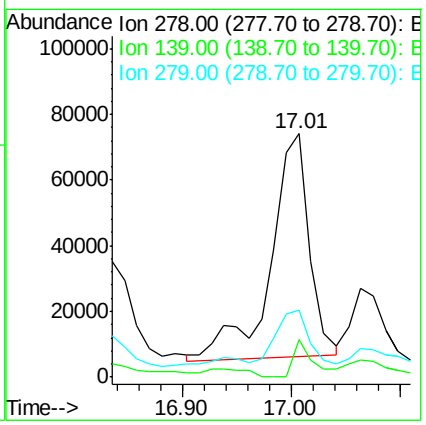


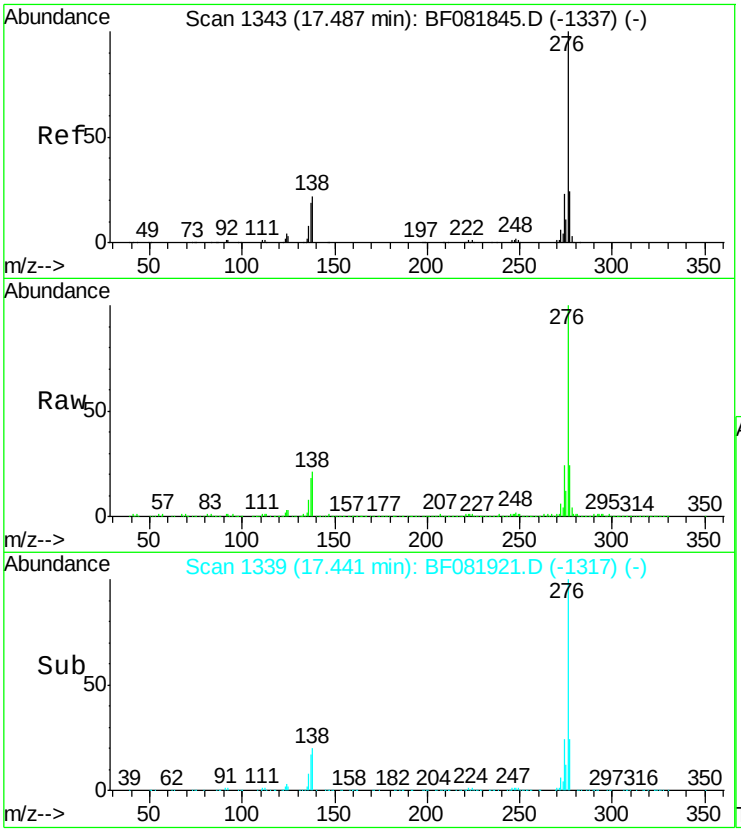


#90
Dibenzo(a,h)anthracene
Concen: 14.24 ng
RT: 17.01 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Tgt Ion:278 Resp: 171258

Ion	Ratio	Lower	Upper
278	100		
139	15.4	26.3	39.5#
279	27.5	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 53.10 ng
RT: 17.44 min Scan# 1339
Delta R.T. -0.05 min
Lab File: BF081921.D
Acq: 1 Oct 2015 00:53

Instrument :
BNA_F
ClientSampleId :
E5WC-1(6-12)

Tgt Ion:276 Resp: 654587

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.8	26.6
138	20.5	34.6	51.8#