Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
Data File : BF091919.D
Acq On : 23 Dec 2016 12:58
Operator : UM/SJ
Sample : H6156-24RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-201612RE

Quant Time: Dec 23 13:54:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	233686	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	507312	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	427259	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	649114	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	508566	20.00	ng		-0.02
86) Perylene-d12	15.29	264	410329	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	914512	65.34	ng		0.05
7) Phenol-d6	6.45	99	680356	39.82	ng		0.05
23) Nitrobenzene-d5	7.31	82	1676568	183.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	514570	145.53	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2227467	110.72	ng		-0.01
78) Terphenyl-d14	12.84	244	1647091	78.55	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.29	77	104018	8.15	ng	#	1
15) Benzyl Alcohol	6.86	79	375643	28.29	ng	#	58
18) Hexachloroethane	7.29	117	80202	12.51	ng	#	1
22) Acetophenone	7.15	105	93774	7.49	ng	#	91
24) Nitrobenzene	7.37	77	22238	2.29	ng	#	14
31) Naphthalene	8.10	128	26046437	1121.80	ng	#	92
33) 4-Chloroaniline	8.11	127	4327206	413.32	ng	#	34
37) 2-Methylnaphthalene	8.75	142	3001230	Below Cal			98
45) 1,1'-Biphenyl	9.21	154	523000	17.88	ng		97
48) Acenaphthylene	9.64	152	1234308	34.64	ng		98
49) Dimethylphthalate	9.50	163	125320	4.59	ng		100
51) Acenaphthene	9.81	154	201901	8.36	ng		97
57) Fluorene	10.32	166	228432	9.62	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	29770	4.41	ng	#	1
70) Phenanthrene	11.28	178	427652	12.15	ng		99
73) Di-n-butylphthalate	11.83	149	8221	Below Cal		#	92
74) Fluoranthene	12.47	202	5761	Below Cal			83
76) Benzidine	12.55	184	887	Below Cal		#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
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ALS Vial : 4 Sample Multiplier: 1

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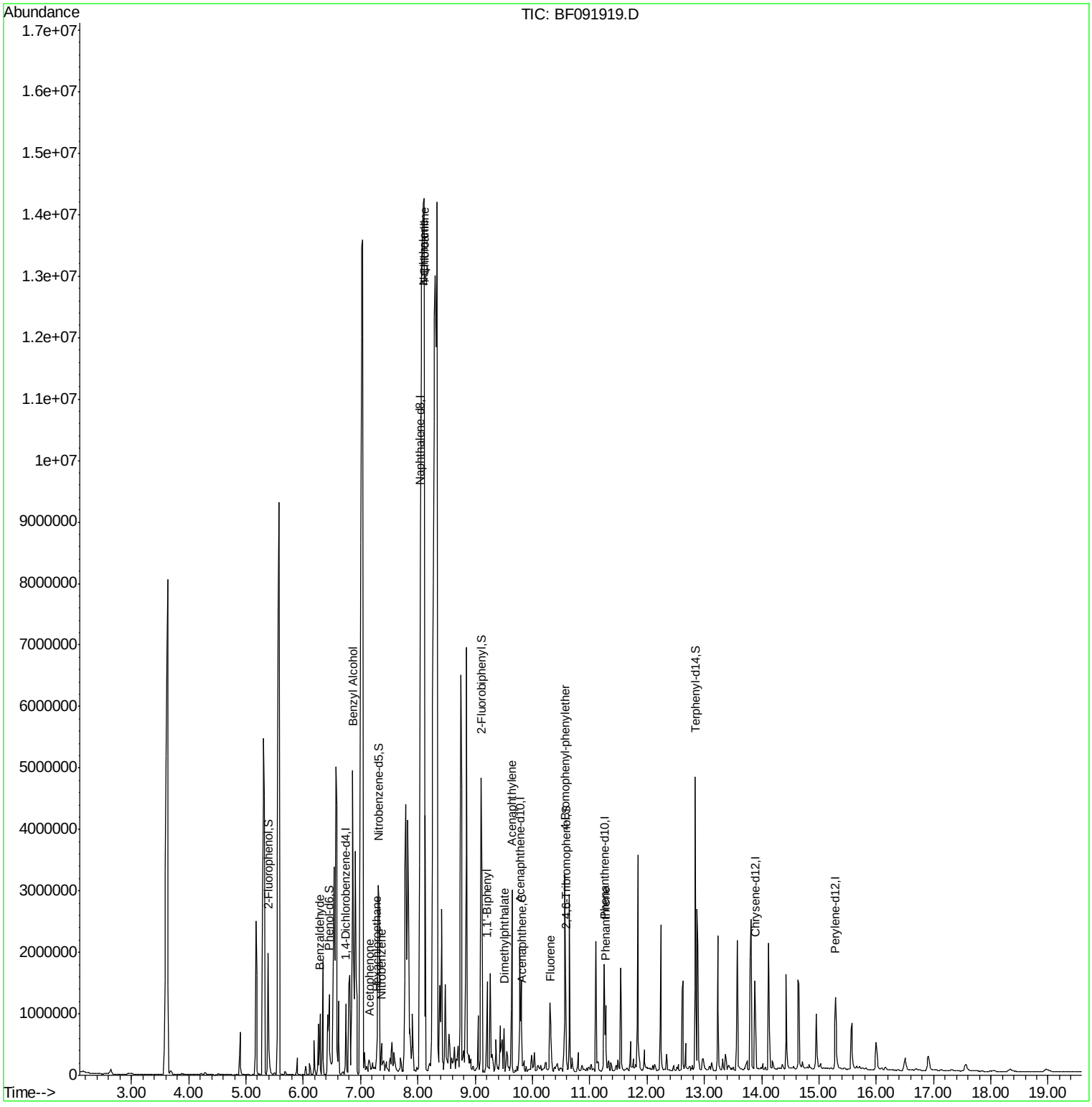
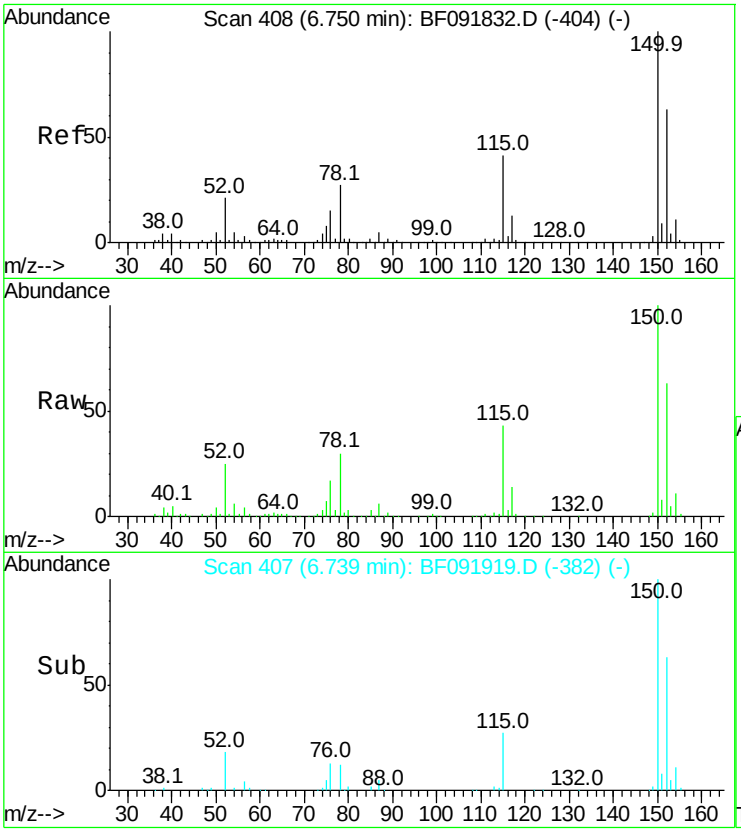


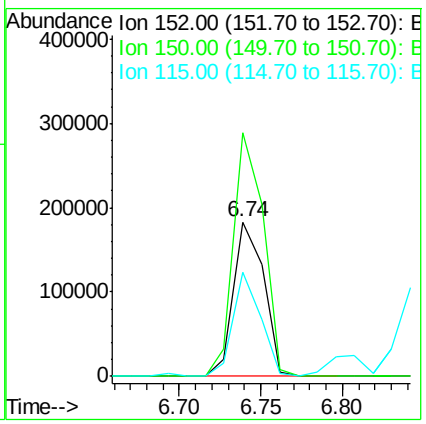


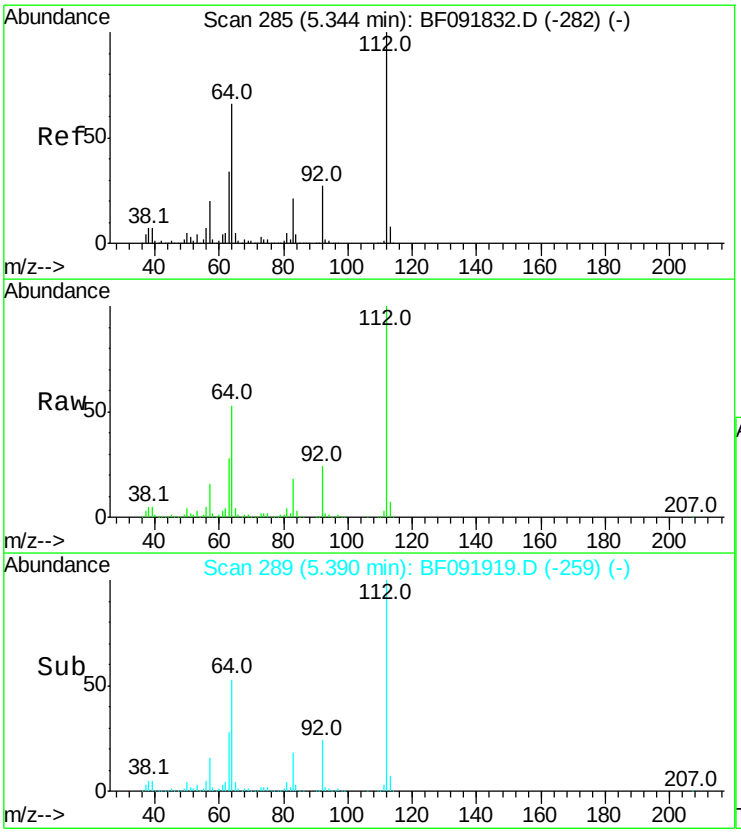
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:152 Resp: 233686

Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.9	187.3
115	67.7	46.0	69.0

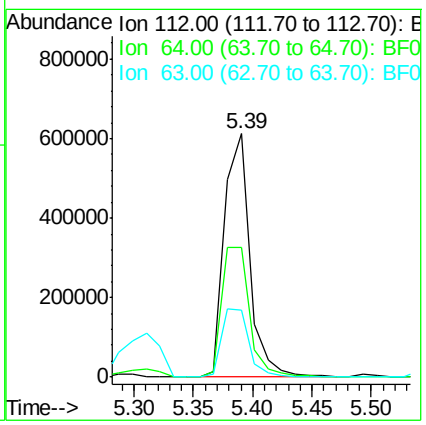


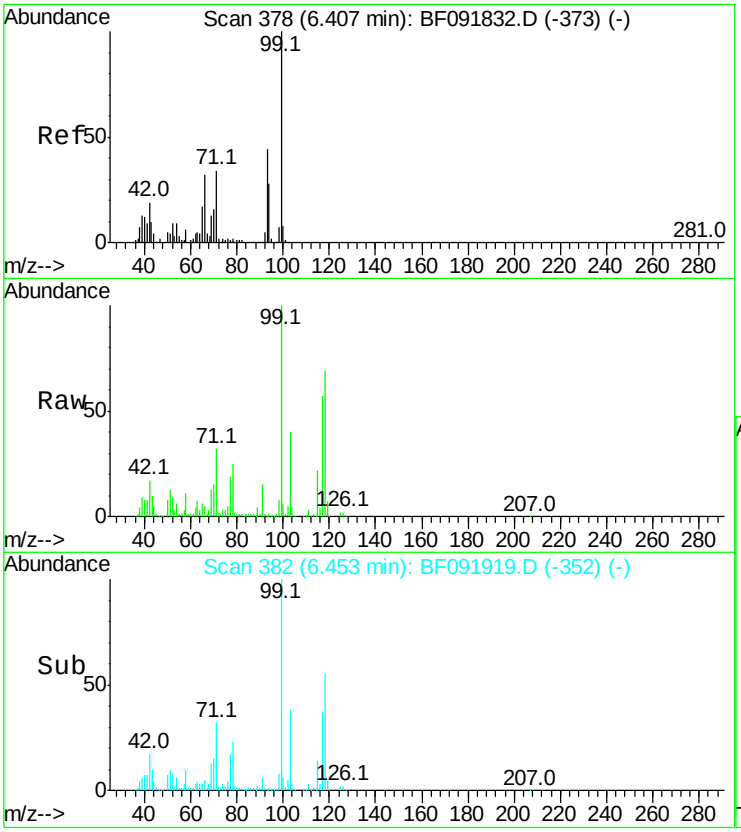


#5
2-Fluorophenol
Concen: 65.34 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:112 Resp: 914512

Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.1	69.1
63	27.5	23.8	35.6



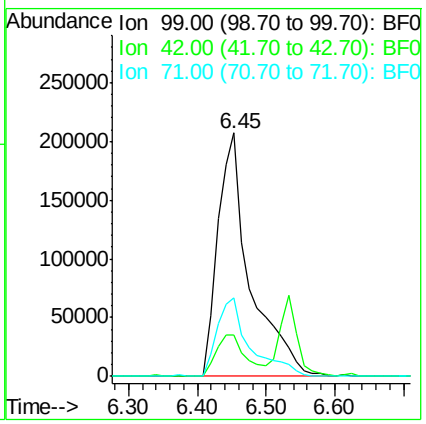


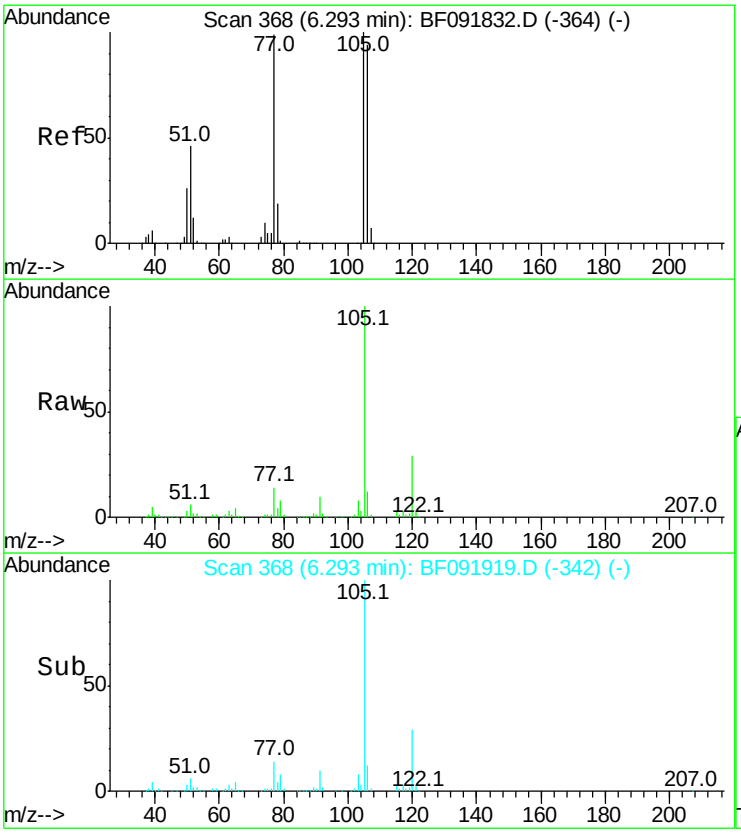
#7
Phenol-d6
Concen: 39.82 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.05 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion: 99 Resp: 680356

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	32.3	27.5	41.3

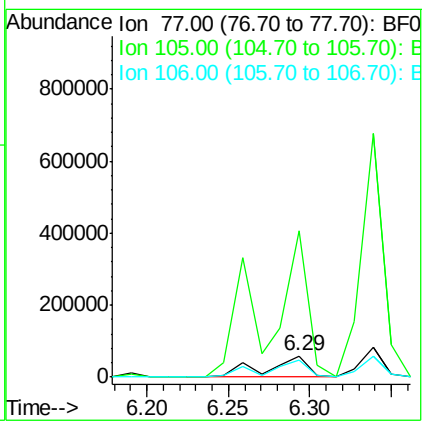


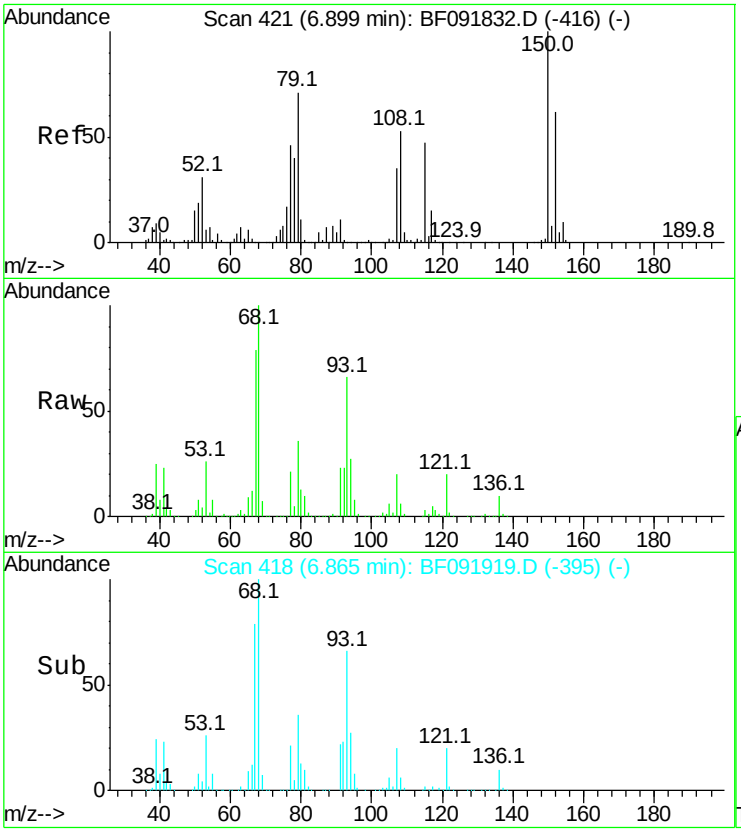


#9
Benzaldehyde
Concen: 8.15 ng
RT: 6.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion: 77 Resp: 104018

Ion	Ratio	Lower	Upper
77	100		
105	700.0	83.9	123.9#
106	81.7	77.6	117.6



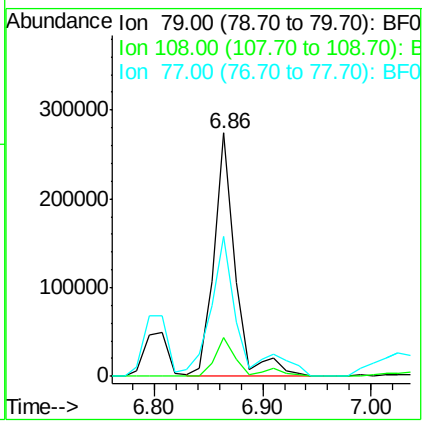


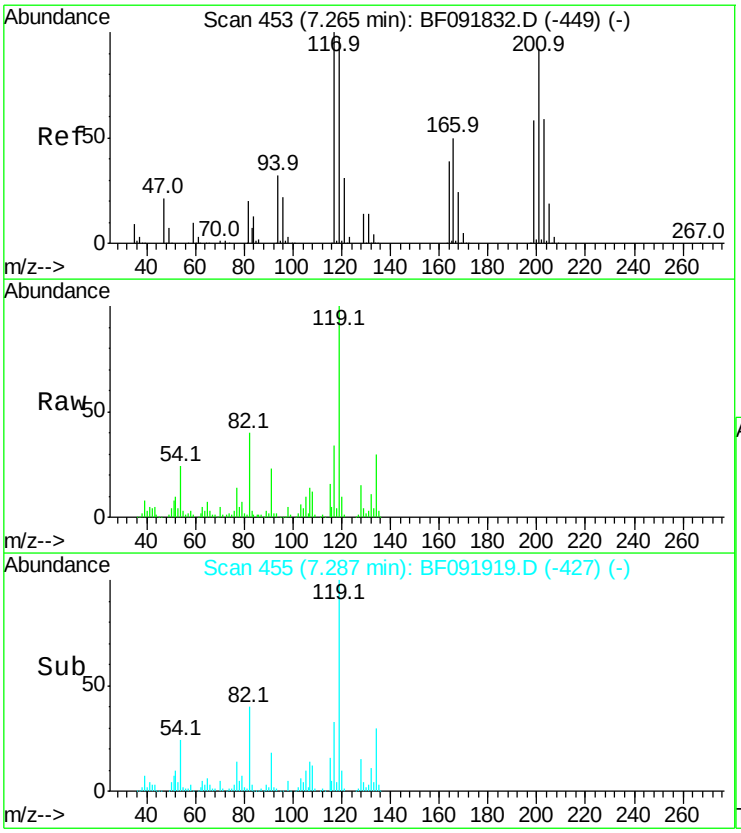
#15
Benzyl Alcohol
Concen: 28.29 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion: 79 Resp: 375643

Ion	Ratio	Lower	Upper
79	100		
108	15.7	61.4	92.0#
77	57.4	50.9	76.3

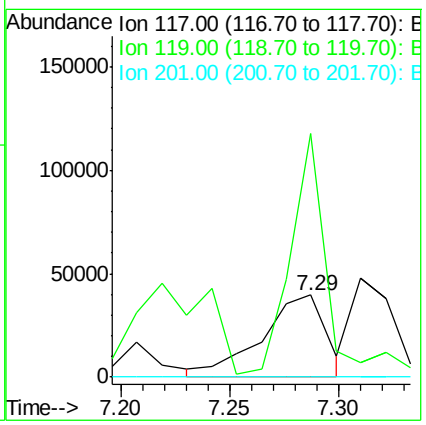


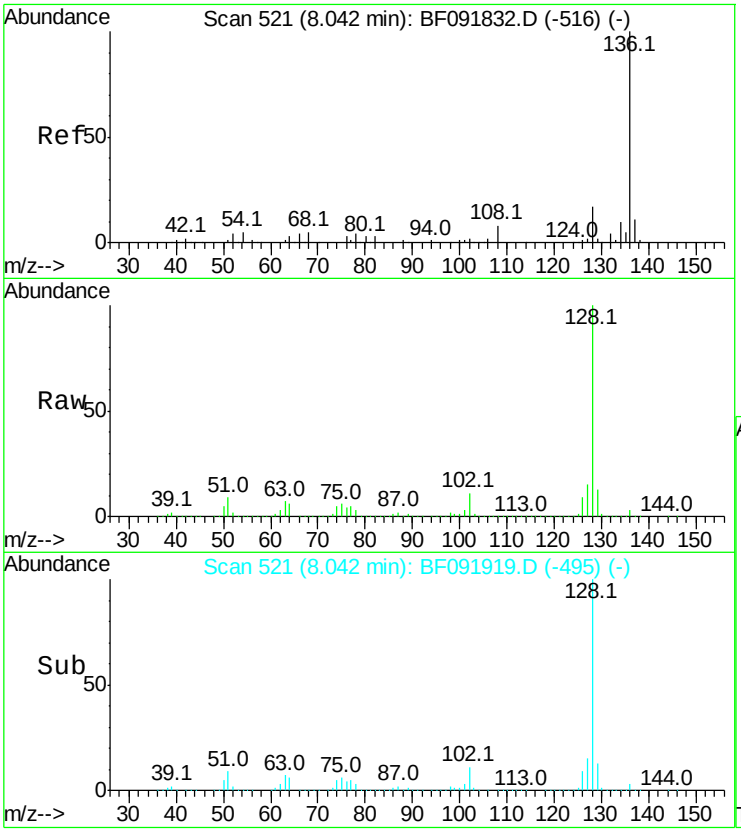


#18
Hexachloroethane
Concen: 12.51 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:117 Resp: 80202

Ion	Ratio	Lower	Upper
117	100		
119	297.4	78.1	117.1#
201	0.0	78.6	117.8#



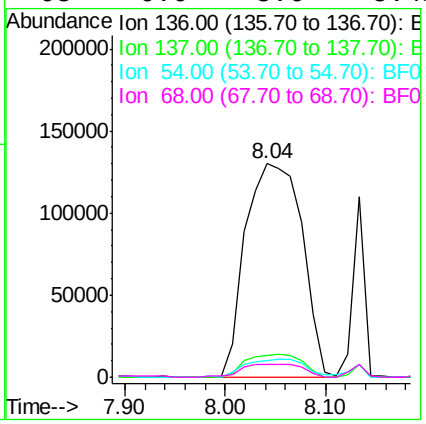


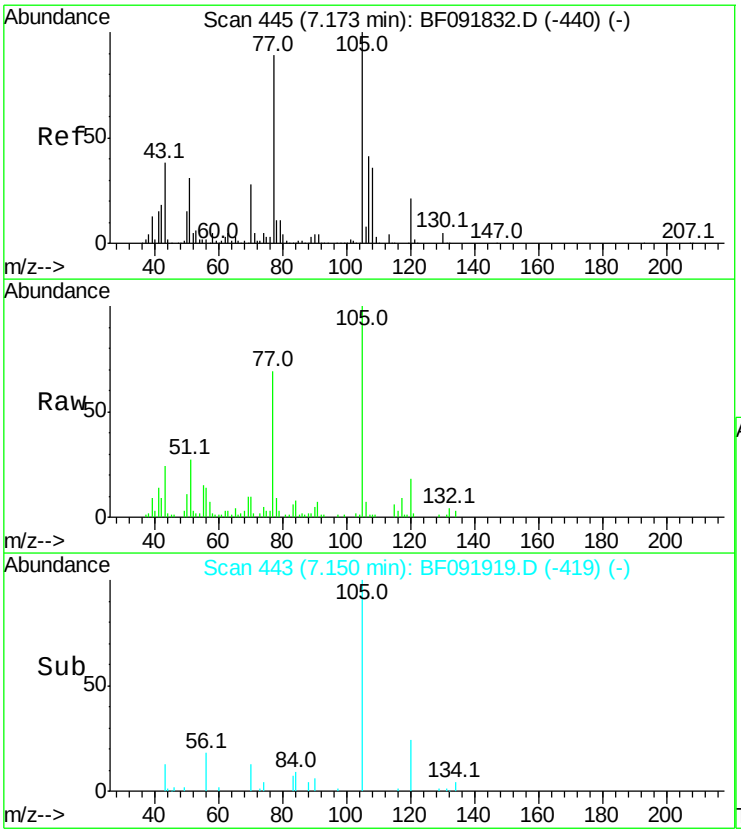
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:136 Resp: 507312

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	8.0	4.5	6.7#
68	6.0	3.6	5.4#

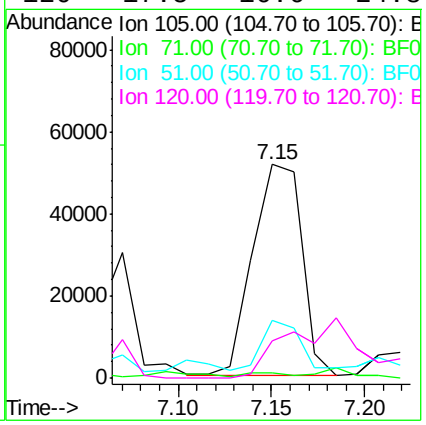


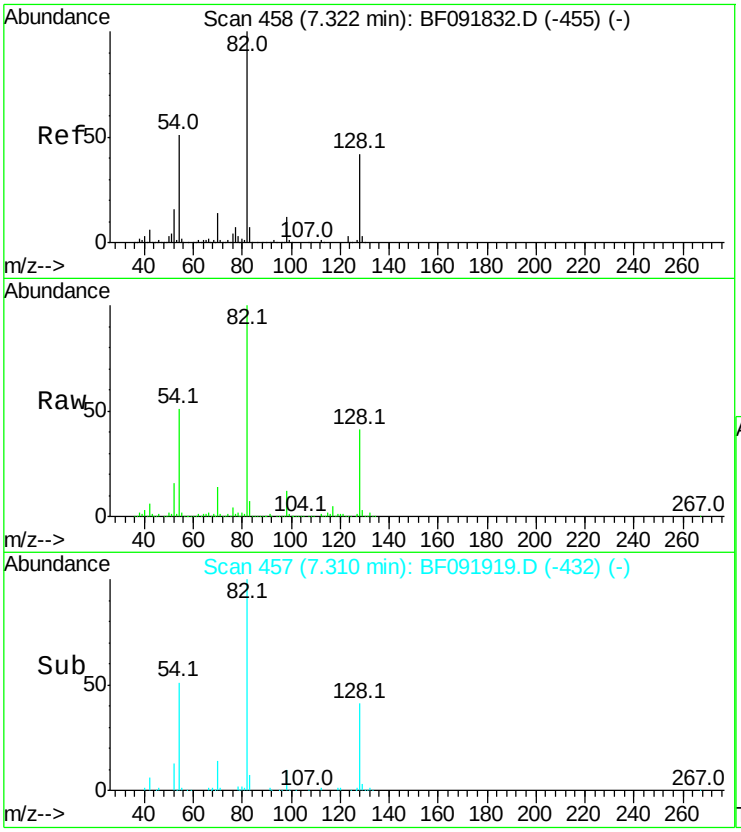


#22
Acetophenone
Concen: 7.49 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:105 Resp: 93774

Ion	Ratio	Lower	Upper
105	100		
71	2.4	3.2	4.8#
51	26.8	26.2	39.4
120	17.5	16.6	24.8



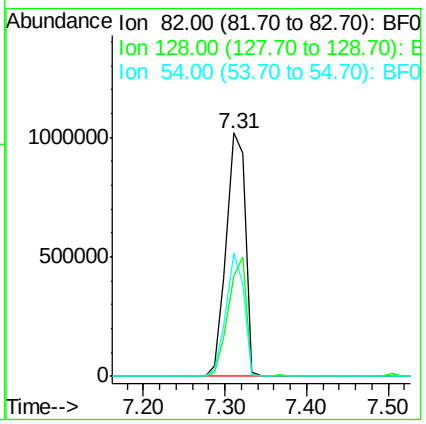


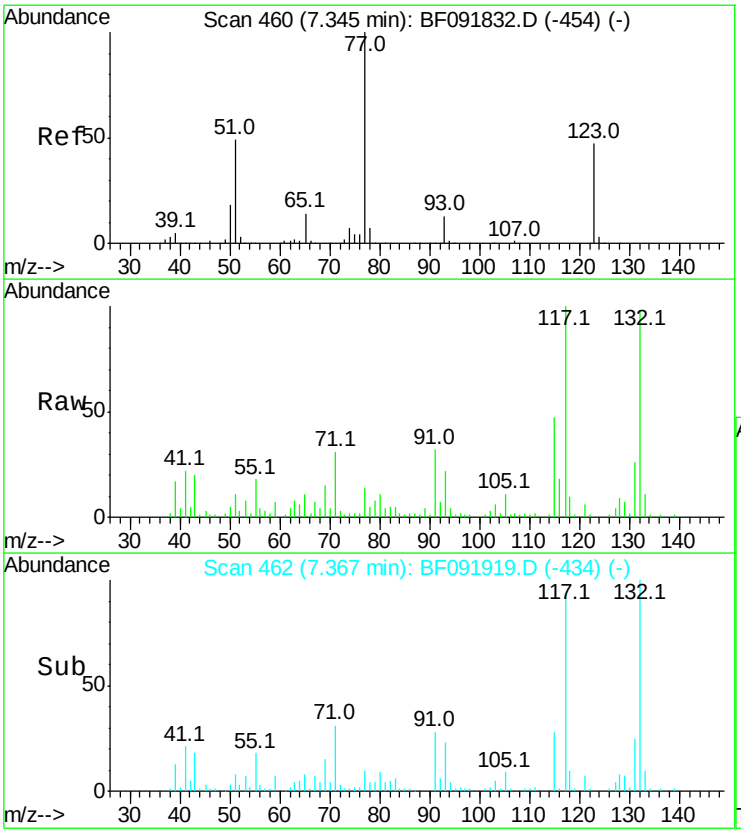
#23
Nitrobenzene-d5
Concen: 183.77 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion: 82 Resp: 1676568

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	50.6	39.5	59.3

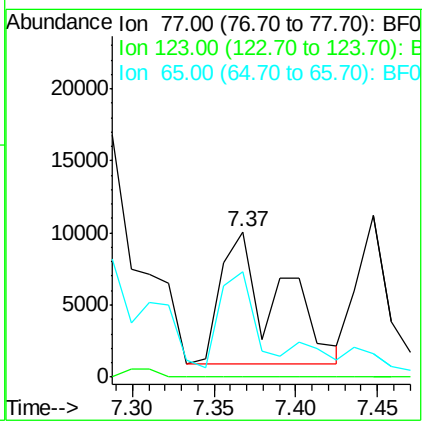


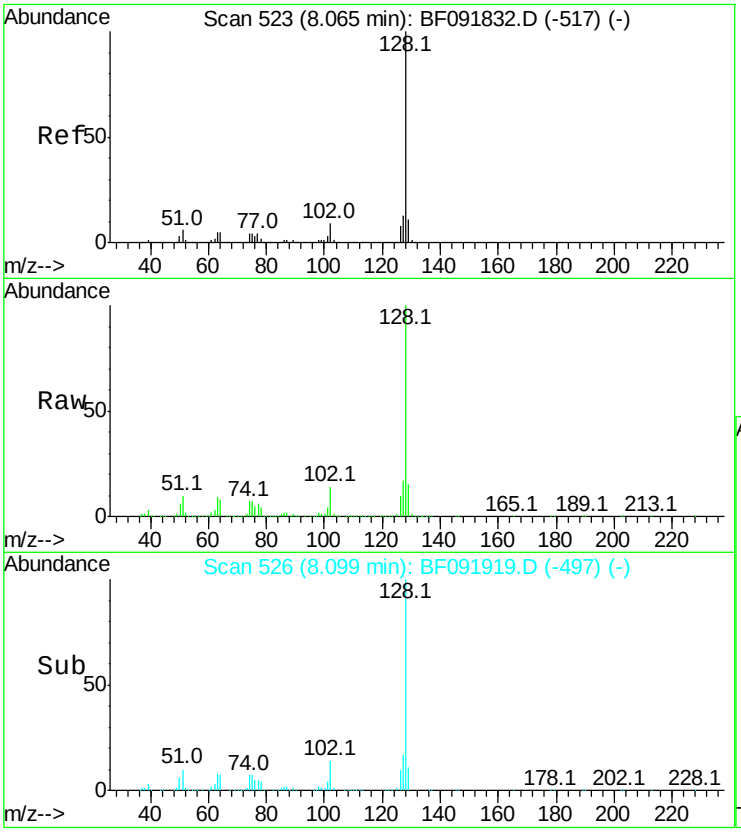


#24
Nitrobenzene
Concen: 2.29 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion: 77 Resp: 22238

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.4#
65	73.0	11.2	16.8#



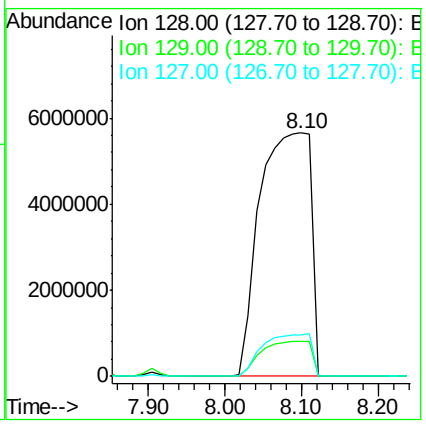


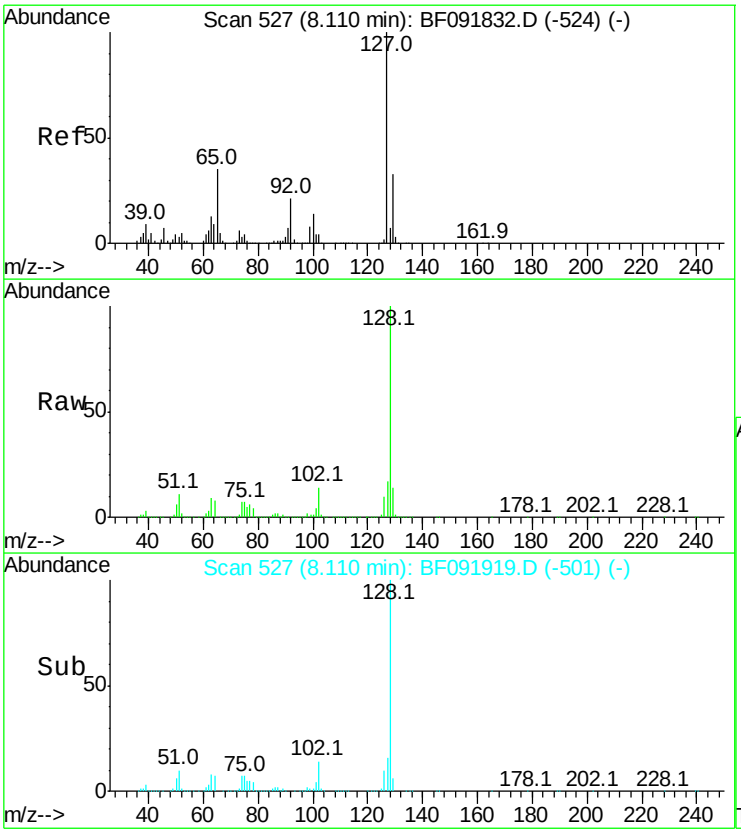
#31
Naphthalene
Concen: 1121.80 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.03 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:128 Resp:26046437

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.5	14.3#
127	17.3	10.8	16.2#

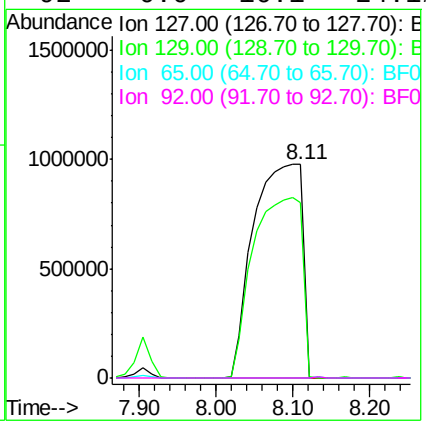


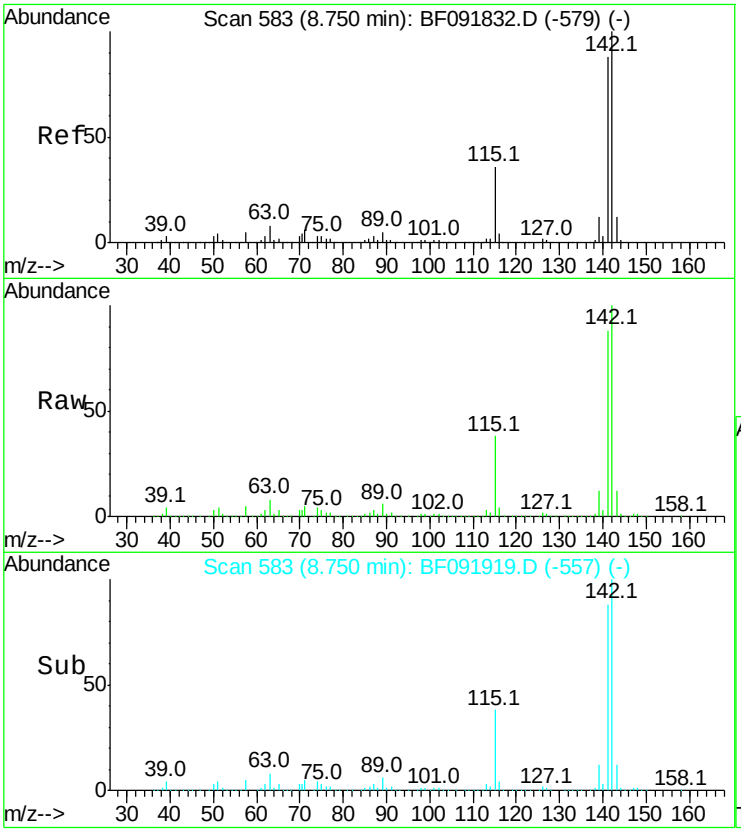


#33
4-Chloroaniline
Concen: 413.32 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:127 Resp: 4327206

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#



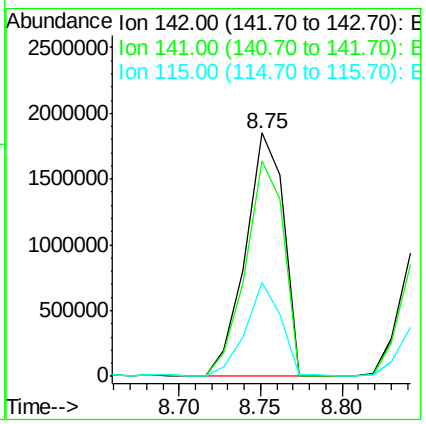


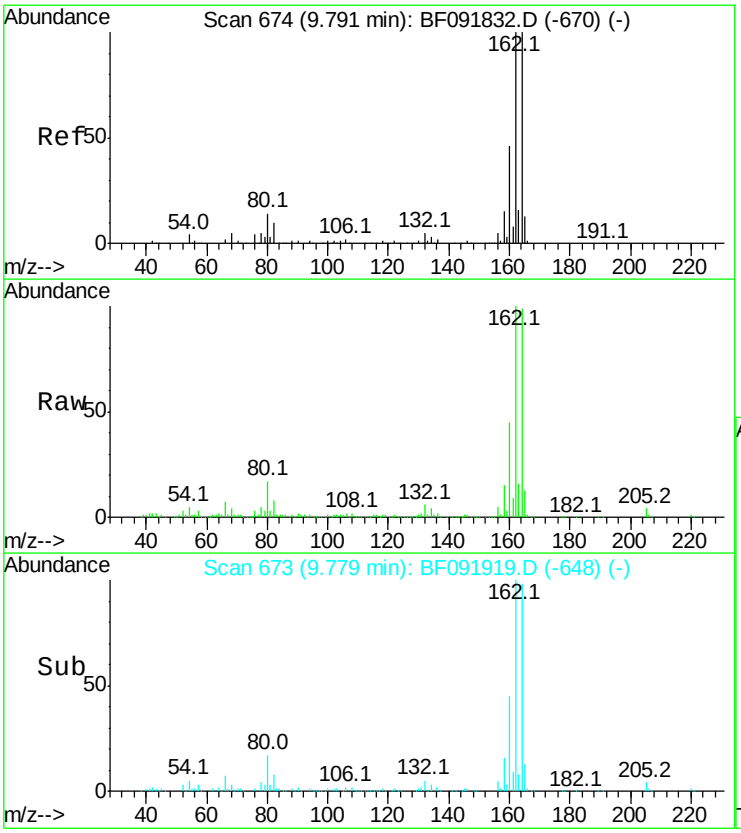
#37
2-Methylnaphthalene
Concen: Below Cal
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:142 Resp: 3001230

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.0	106.6
115	38.3	28.3	42.5

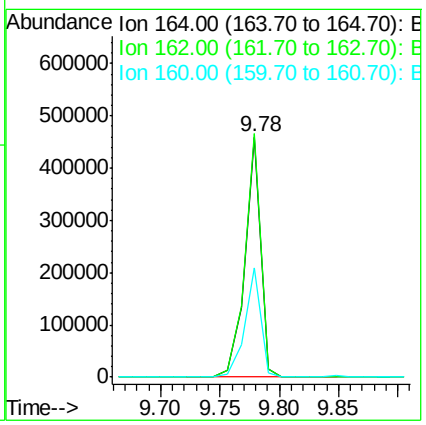


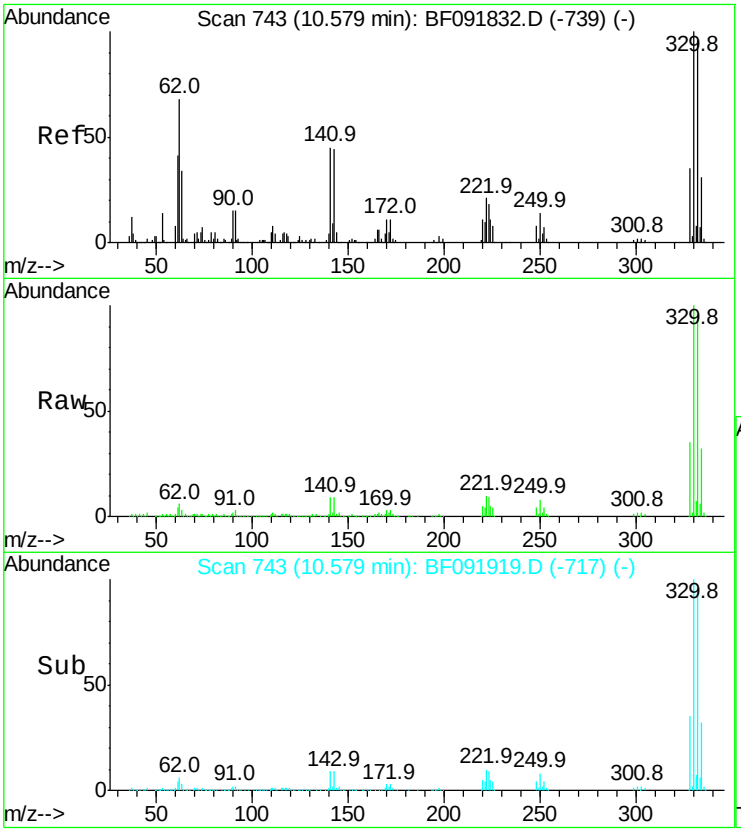


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:164 Resp: 427259

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	45.7	36.9	55.3



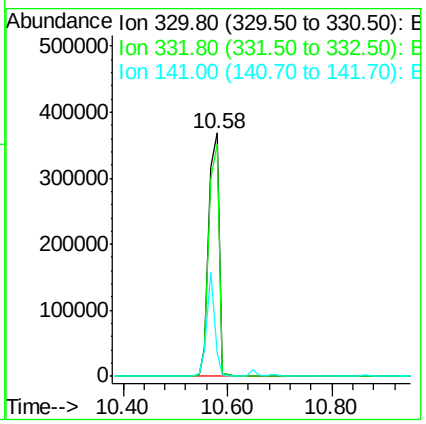


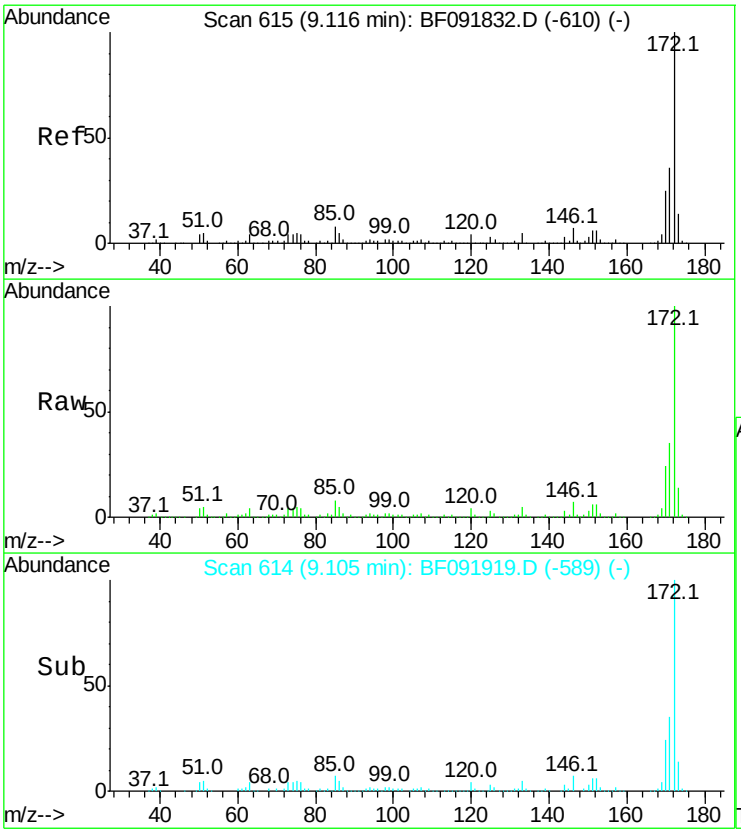
#41
2,4,6-Tribromophenol
Concen: 145.53 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:330 Resp: 514570

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	31.8	34.1	51.1#

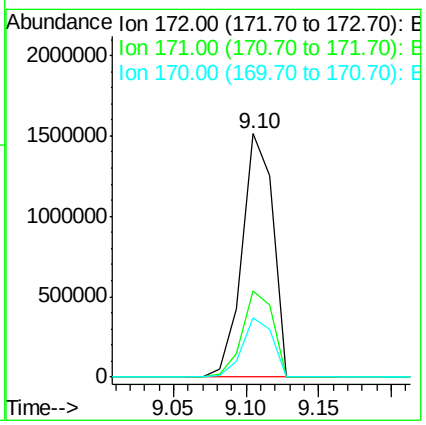


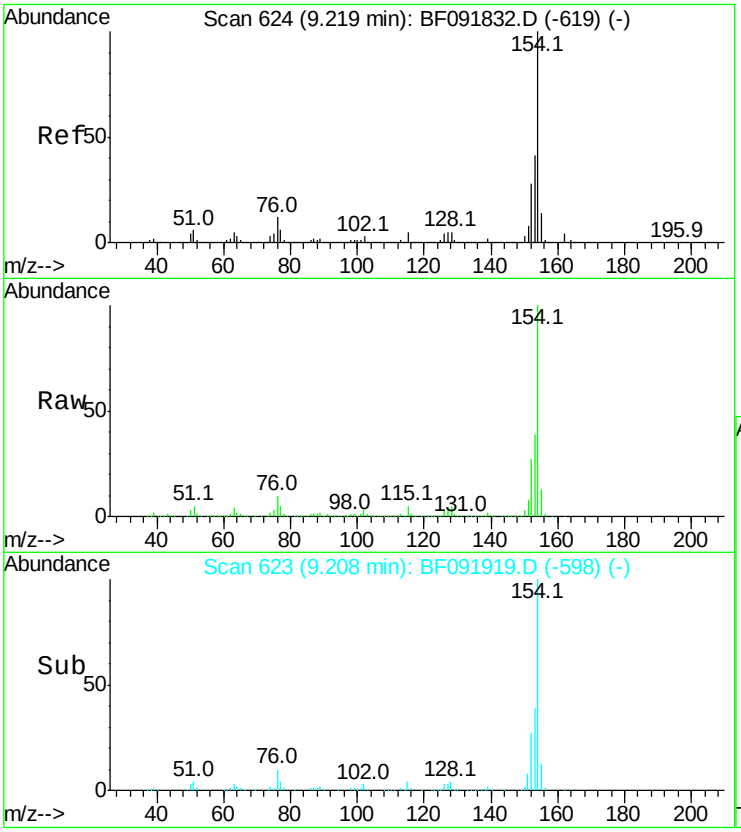


#44
2-Fluorobiphenyl
Concen: 110.72 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:172 Resp: 2227467

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	24.2	20.2	30.4



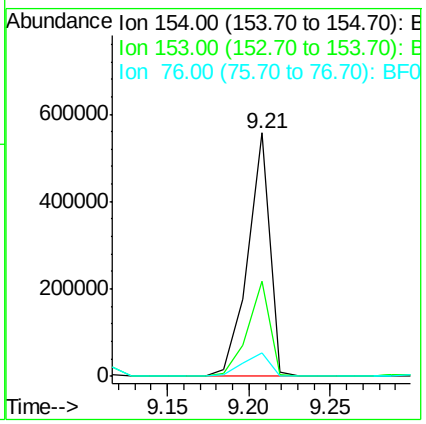


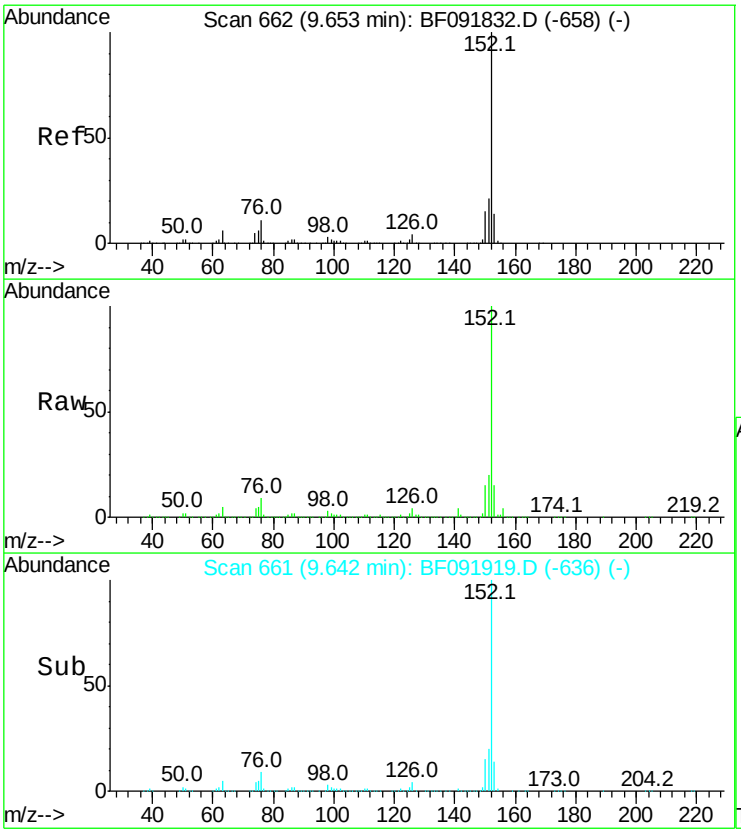
#45
1,1'-Biphenyl
Concen: 17.88 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:154 Resp: 523000

Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.9	60.9
76	9.7	0.0	30.5

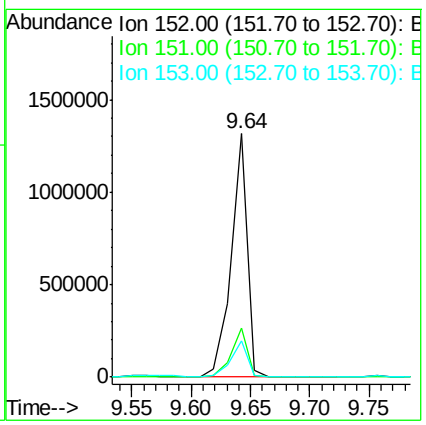


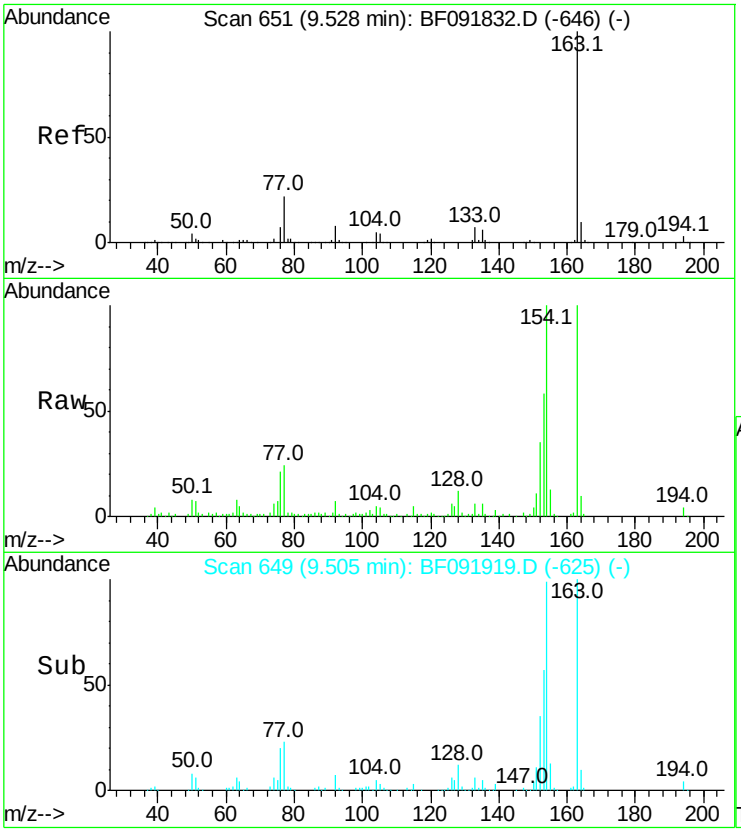


#48
Acenaphthylene
Concen: 34.64 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:152 Resp: 1234308

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.7	11.4	17.2



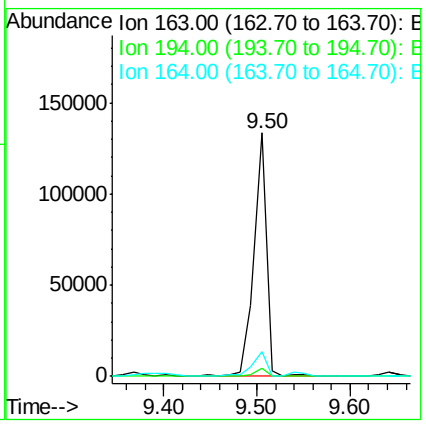


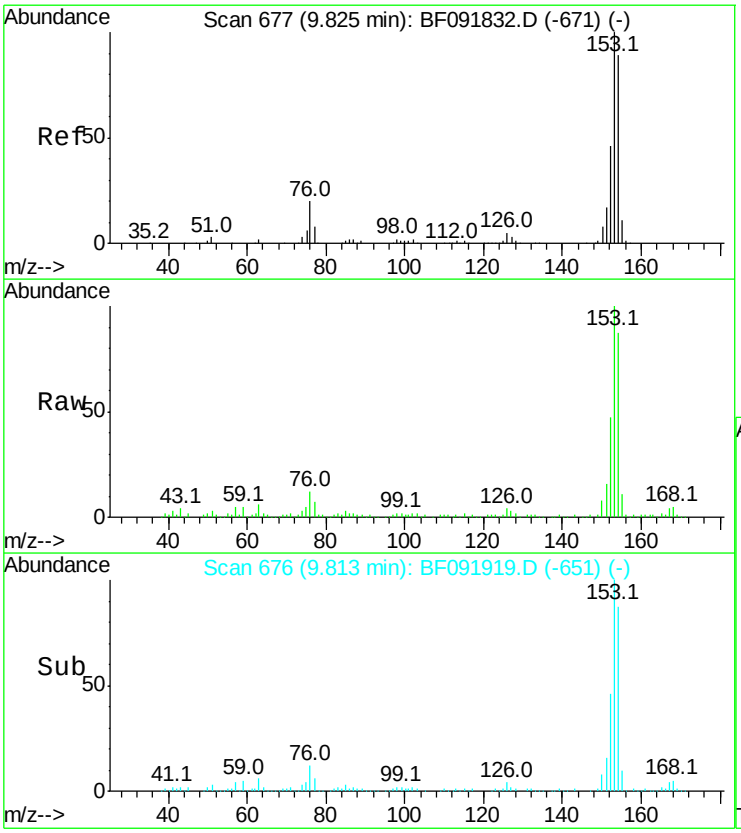
#49
Dimethylphthalate
Concen: 4.59 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:163 Resp: 125320

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.1	8.0	12.0

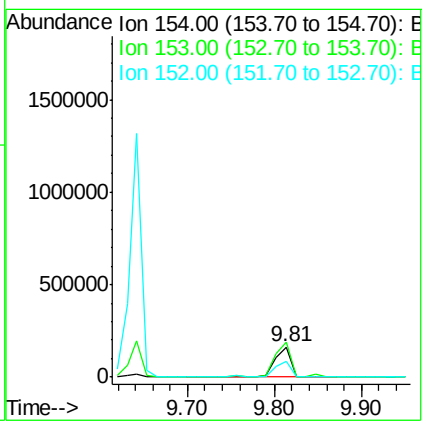


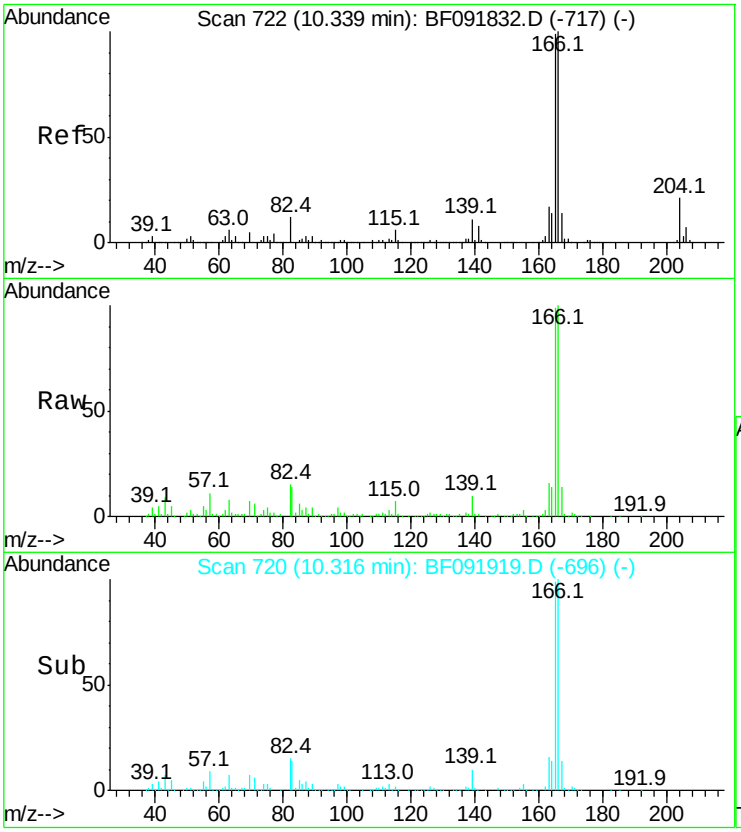


#51
Acenaphthene
Concen: 8.36 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:154 Resp: 201901

Ion	Ratio	Lower	Upper
154	100		
153	115.0	88.6	133.0
152	53.5	41.6	62.4



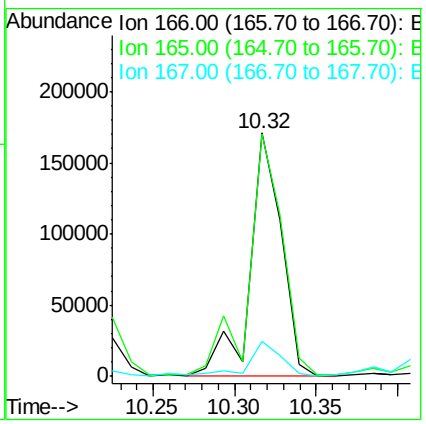


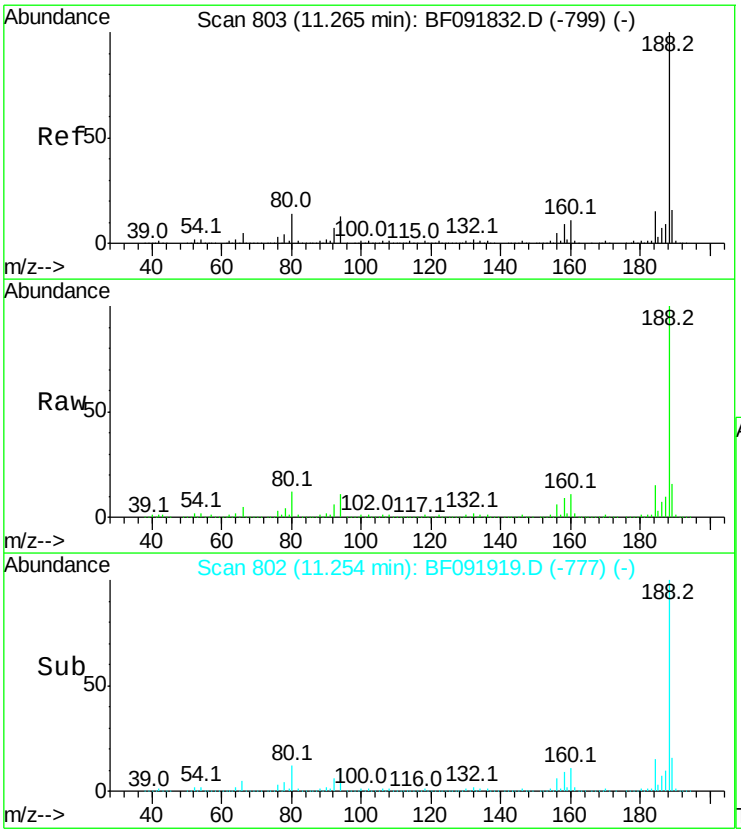
#57
Fluorene
Concen: 9.62 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:166 Resp: 228432

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.8
167	14.4	10.8	16.2

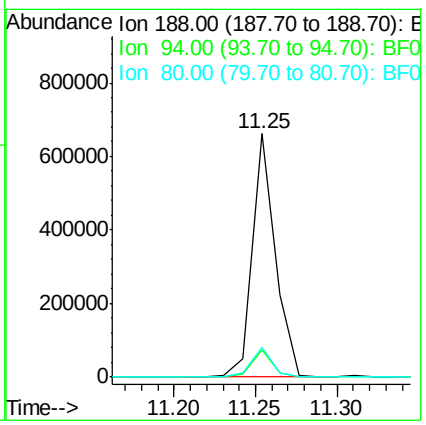


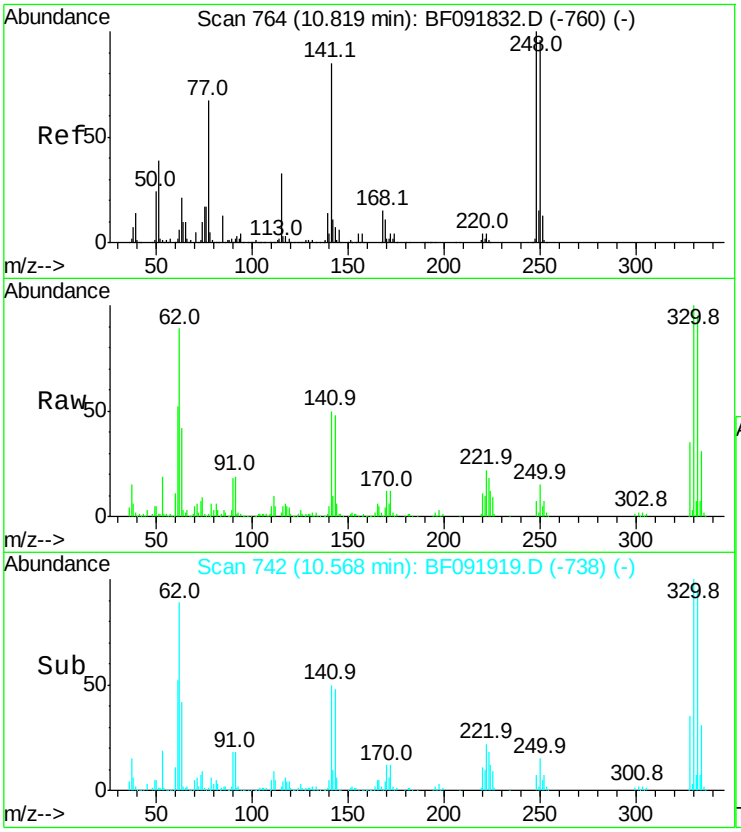


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:188 Resp: 649114

Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.0	15.0
80	12.4	11.2	16.8



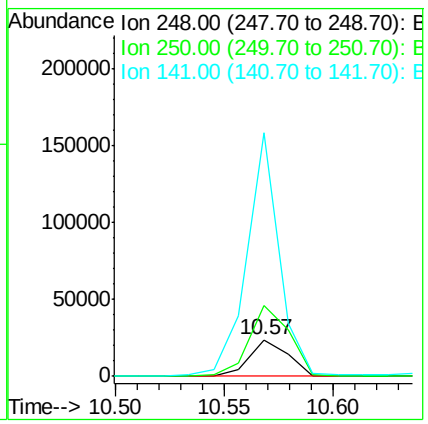


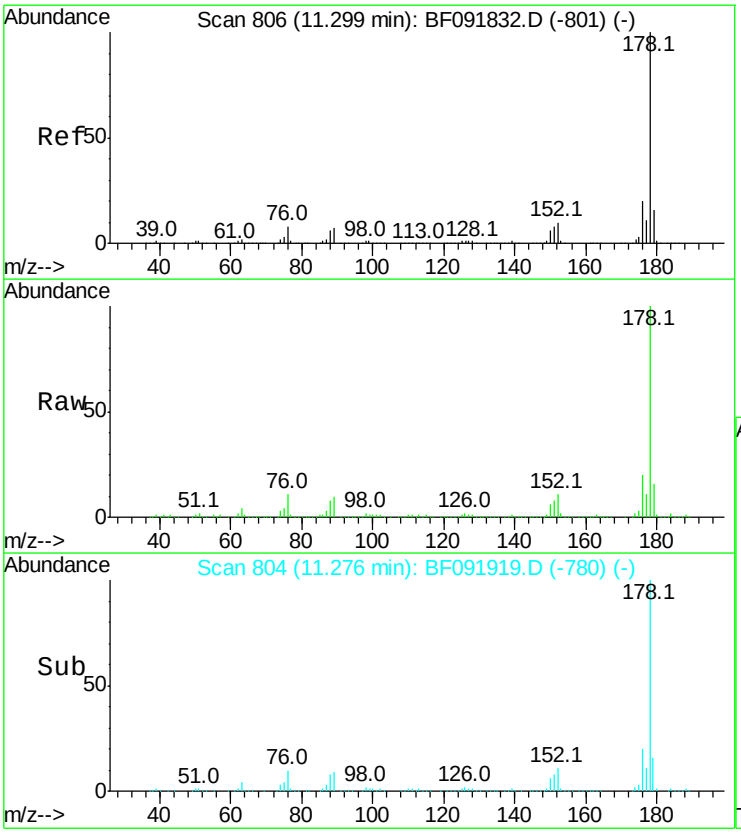
#66
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:248 Resp: 29770

Ion	Ratio	Lower	Upper
248	100		
250	195.3	76.9	115.3#
141	668.8	68.2	102.4#

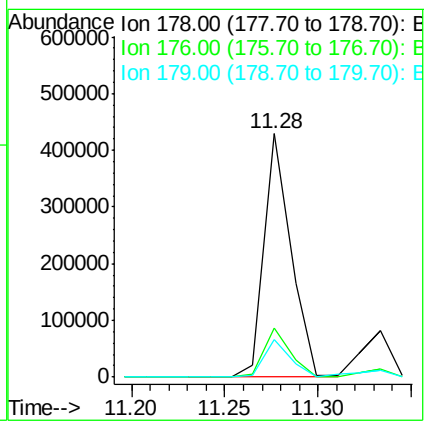


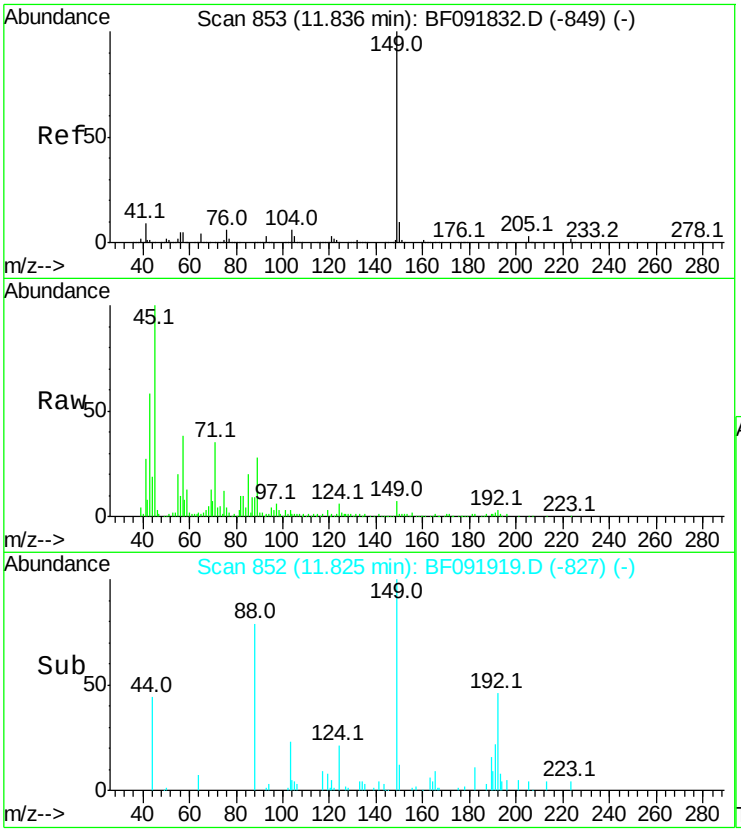


#70
Phenanthrene
Concen: 12.15 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:178 Resp: 427652

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.7	12.8	19.2



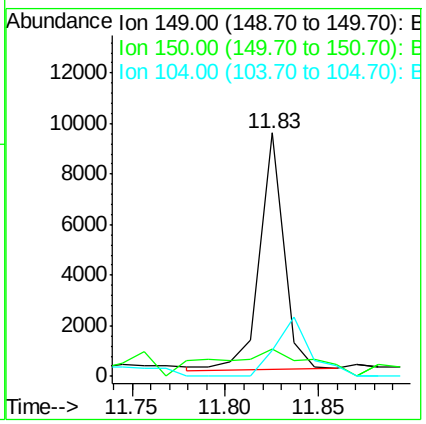


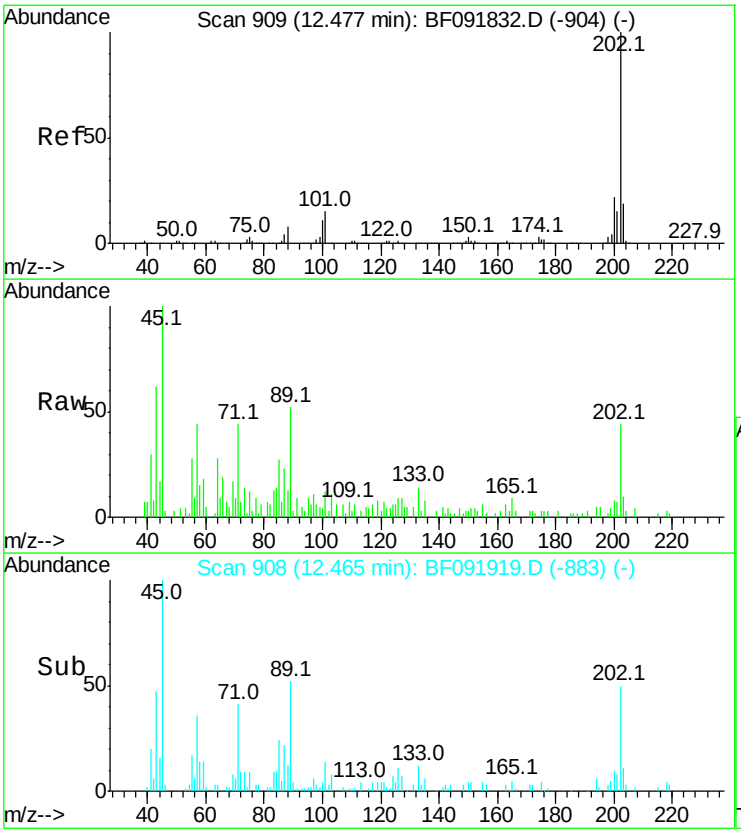
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.83 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:149 Resp: 8221

Ion	Ratio	Lower	Upper
149	100		
150	11.3	8.1	12.1
104	10.9	4.6	7.0#

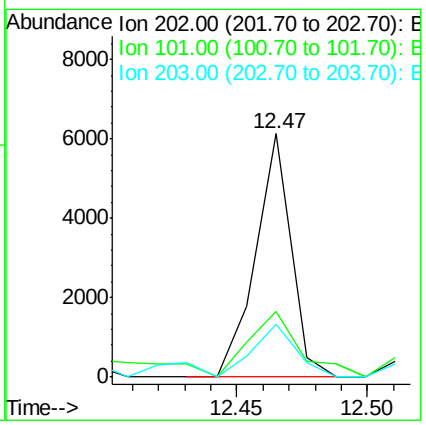


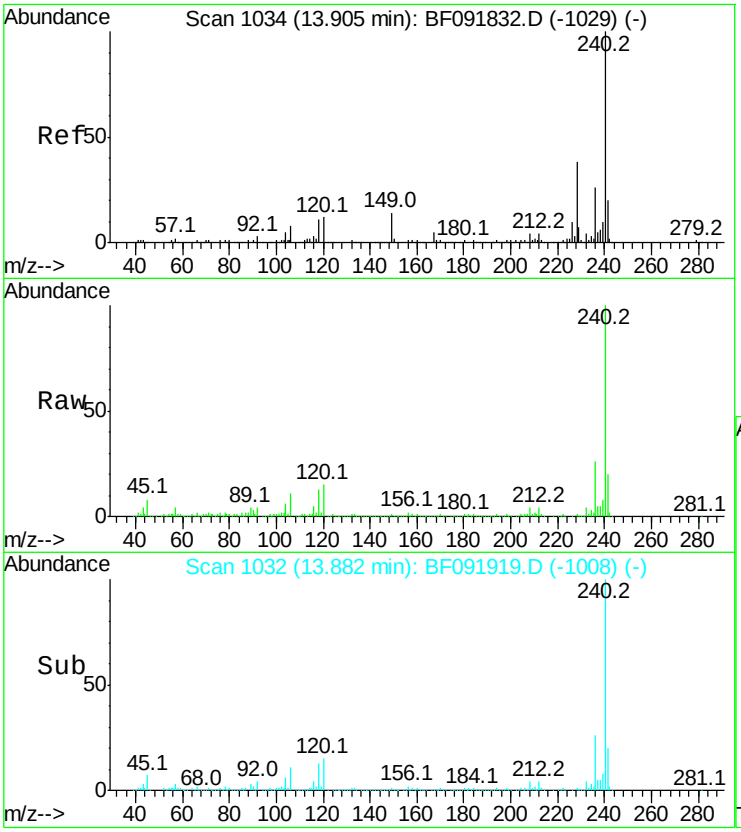


#74
Fluoranthene
Concen: Below Cal
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:202 Resp: 5761

Ion	Ratio	Lower	Upper
202	100		
101	27.1	0.0	34.6
203	22.0	0.0	38.7



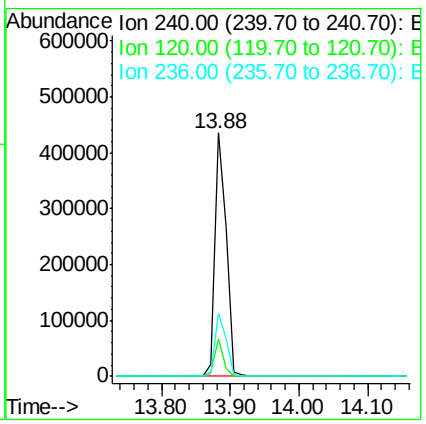


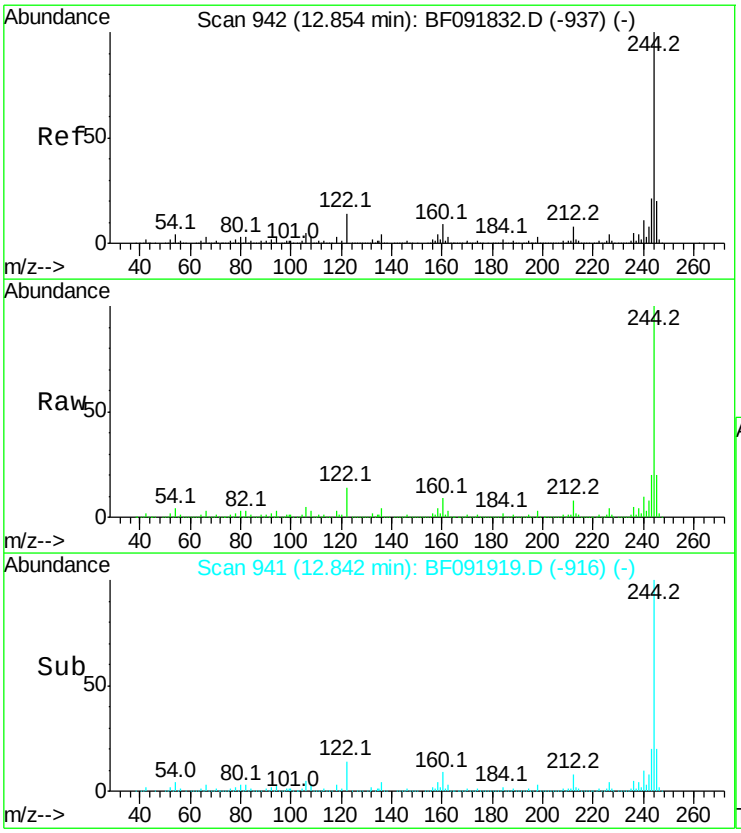
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:240 Resp: 508566

Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.9	19.3
236	25.9	20.9	31.3

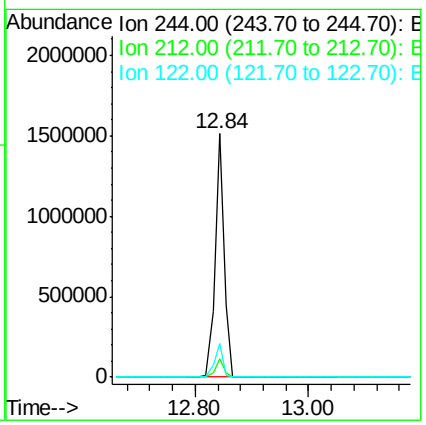


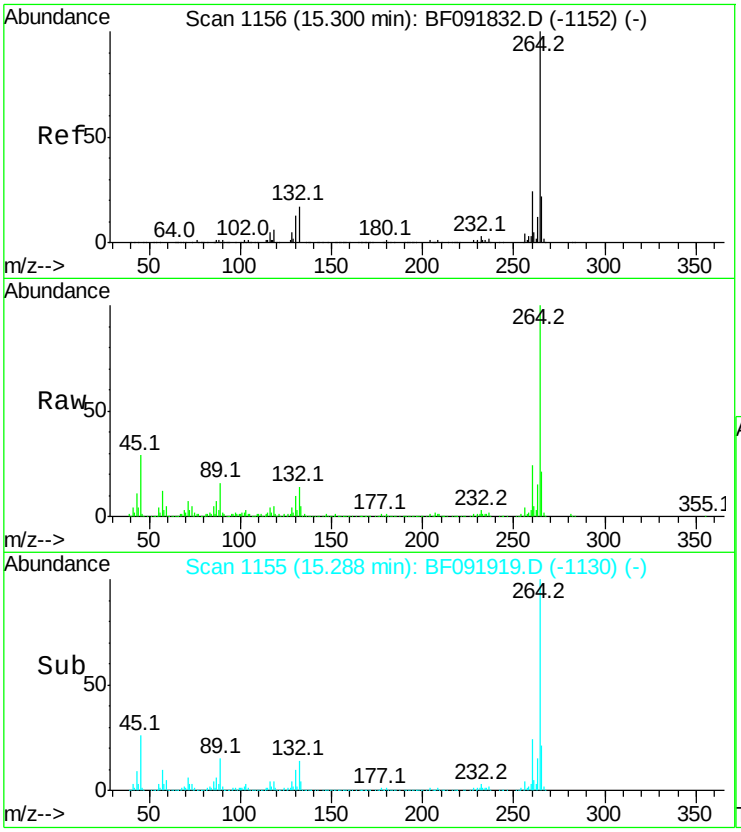


#78
Terphenyl-d14
Concen: 78.55 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Tgt Ion:244 Resp: 1647091

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091919.D
Acq: 23 Dec 2016 12:58

Instrument :
BNA_F
ClientSampleId :
WC-201612RE

Tgt Ion:264 Resp: 410329

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.4	26.0