Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
Sample : G4608-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CWC-MISC-4-20151130

Quant Time: Dec 04 01:27:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	186637	20.00	ng		-0.02
21) Naphthalene-d8	7.81	136	685851	20.00	ng		-0.02
38) Acenaphthene-d10	9.56	164	342398	20.00	ng		-0.02
63) Phenanthrene-d10	11.09	188	539944	20.00	ng		-0.03
75) Chrysene-d12	14.72	240	401458	20.00	ng		-0.05
86) Perylene-d12	16.77	264	340487	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1135275	91.28	ng		-0.01
7) Phenol-d6	6.20	99	1458565	85.68	ng		-0.02
23) Nitrobenzene-d5	7.10	82	1058063	67.82	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	271170	78.89	ng		-0.03
44) 2-Fluorobiphenyl	8.90	172	1428450	59.45	ng		-0.02
78) Terphenyl-d14	13.19	244	999470	59.37	ng		-0.03
Target Compounds							Qvalue
31) Naphthalene	7.84	128	129876	3.49	ng		97
37) 2-Methylnaphthalene	8.53	142	52544	2.11	ng		98
48) Acenaphthylene	9.42	152	74752	2.05	ng		96
49) Dimethylphthalate	9.30	163	386701	13.90	ng		99
51) Acenaphthene	9.60	154	46906	2.18	ng		93
57) Fluorene	10.10	166	85013	3.42	ng		95
70) Phenanthrene	11.13	178	1037308	32.46	ng		100
71) Anthracene	11.18	178	235789	7.33	ng		98
72) Carbazole	11.38	167	77392	2.68	ng		99
74) Fluoranthene	12.63	202	1119300	33.79	ng		98
77) Pyrene	12.93	202	1013579	36.15	ng		97
80) Benzo(a)anthracene	14.69	228	495471	20.14	ng		96
82) Chrysene	14.75	228	476221	20.04	ng		97
85) Indeno(1,2,3-cd)pyrene	18.16	276	186902	10.80	ng		93
87) Benzo(b)fluoranthene	16.27	252	549264m	25.14	ng		
88) Benzo(k)fluoranthene	16.31	252	109371m	5.30	ng		
89) Benzo(a)pyrene	16.71	252	348246	18.56	ng	#	95
90) Dibenzo(a,h)anthracene	18.17	278	51354m	3.14	ng		
91) Benzo(g,h,i)perylene	18.52	276	173233	10.79	ng	#	94

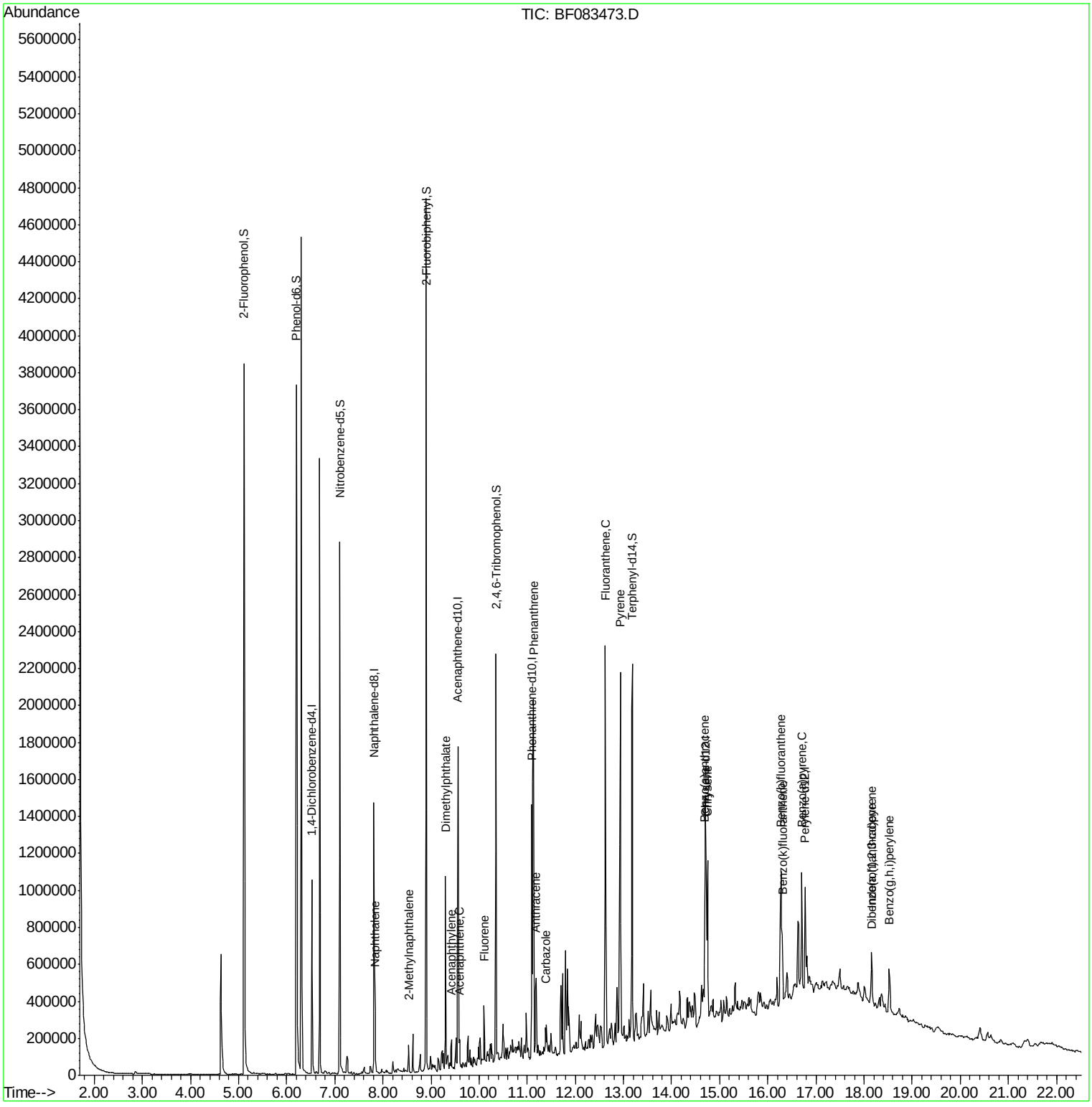
(#) = qualifier out of range (m) = manual integration (+) = signals summed

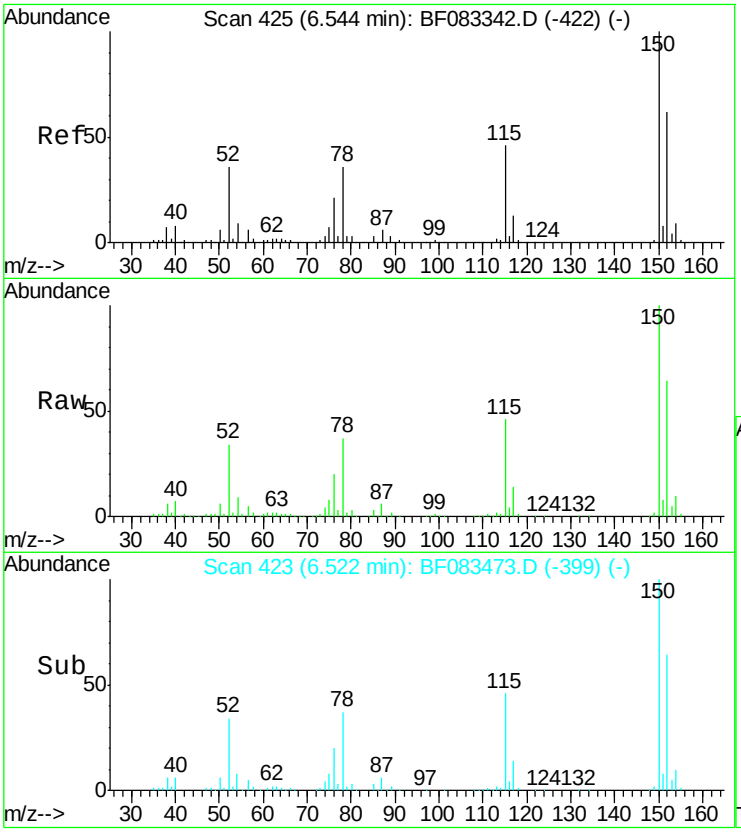
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
Sample : G4608-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Quant Time: Dec 04 01:27:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration



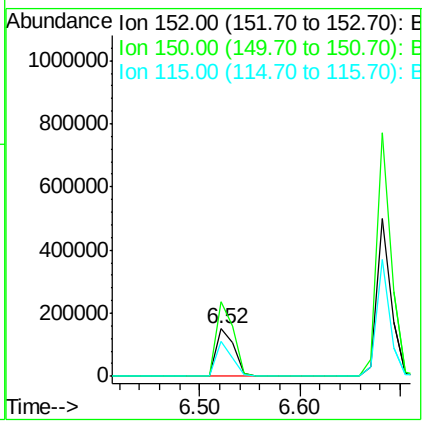


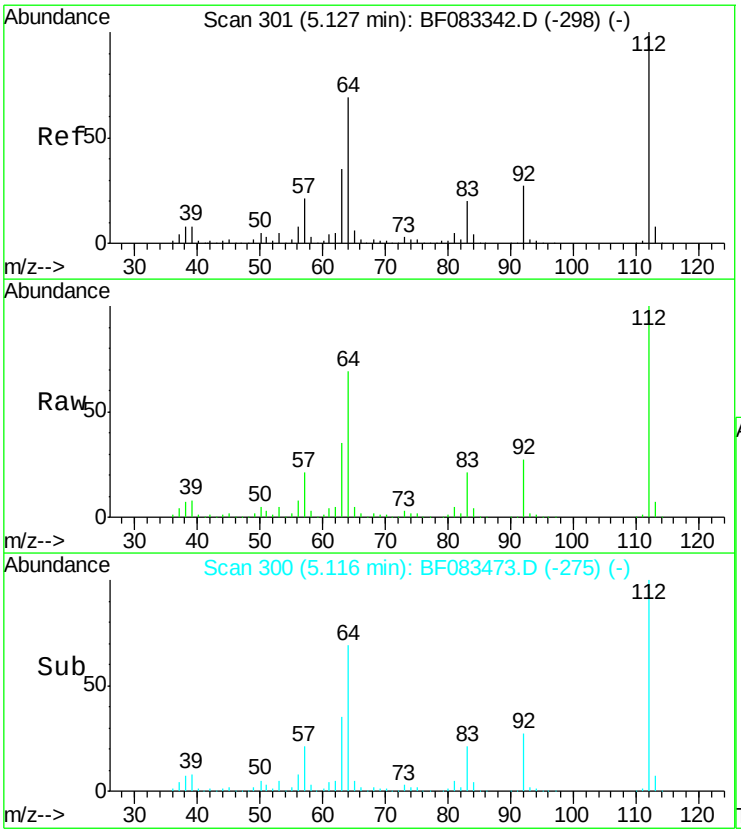
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:152 Resp: 186637

Ion	Ratio	Lower	Upper
152	100		
150	157.5	129.8	194.8
115	72.4	59.2	88.8

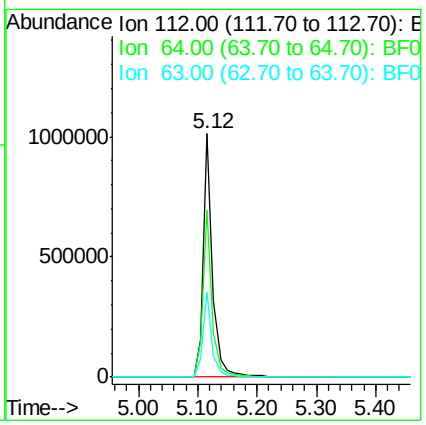


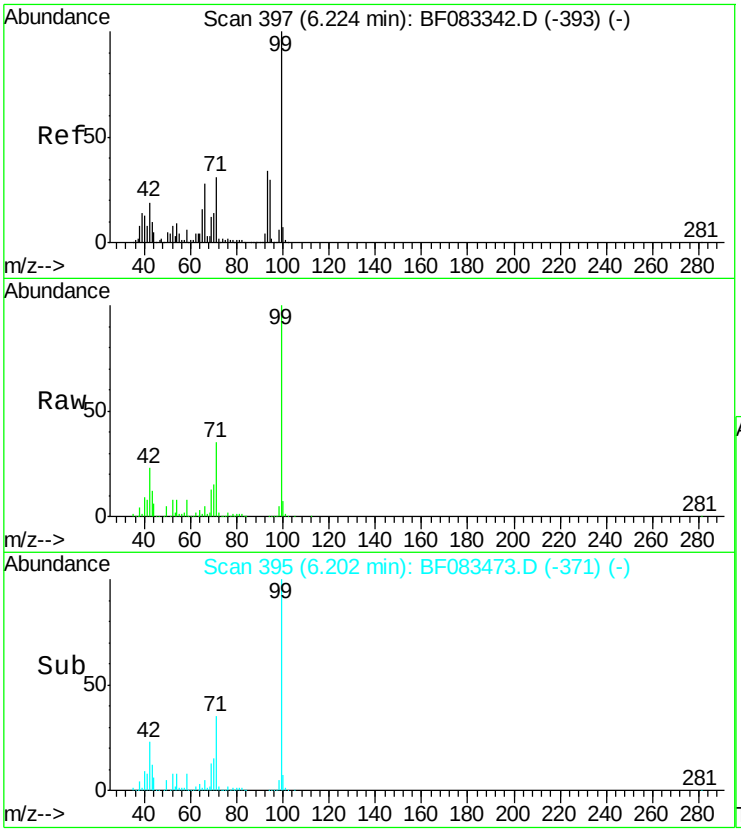


#5
2-Fluorophenol
Concen: 91.28 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:112 Resp: 1135275

Ion	Ratio	Lower	Upper
112	100		
64	68.5	55.6	83.4
63	34.9	28.2	42.2



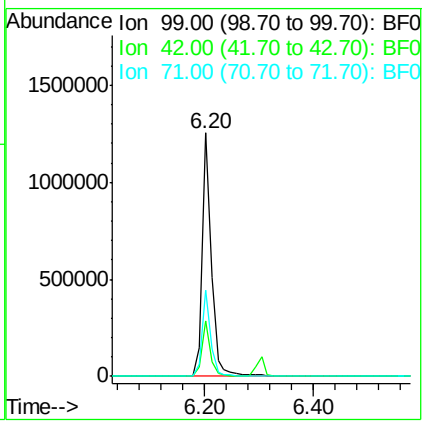


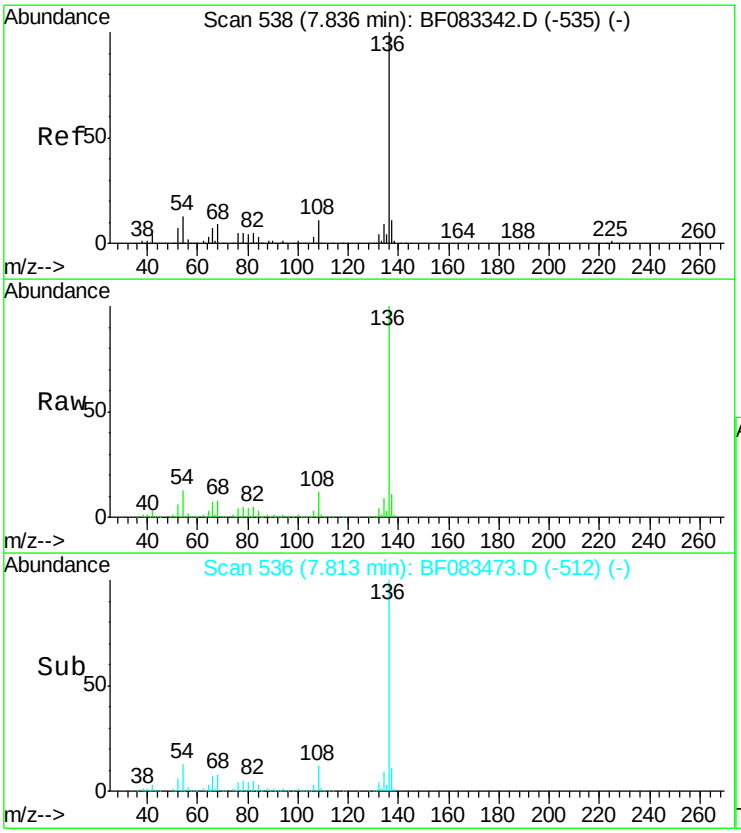
#7
Phenol-d6
Concen: 85.68 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion: 99 Resp: 1458565

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.9	22.3#
71	35.3	24.7	37.1

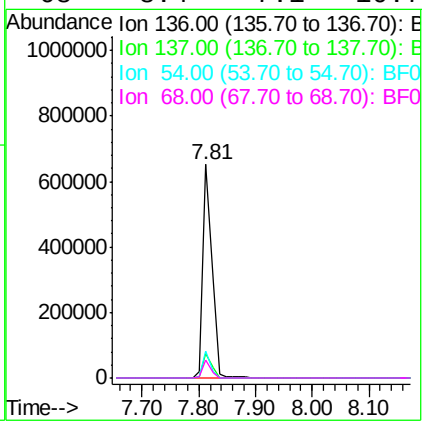


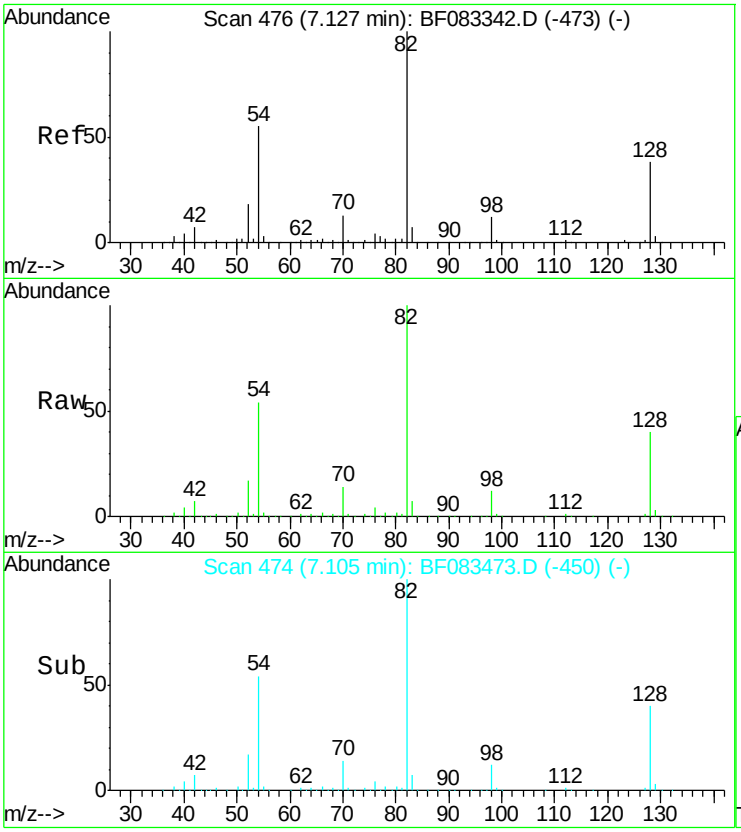


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:136 Resp: 685851

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	12.7	10.1	15.1
68	8.4	7.1	10.7



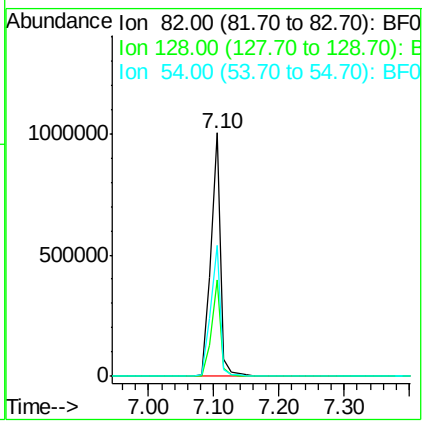


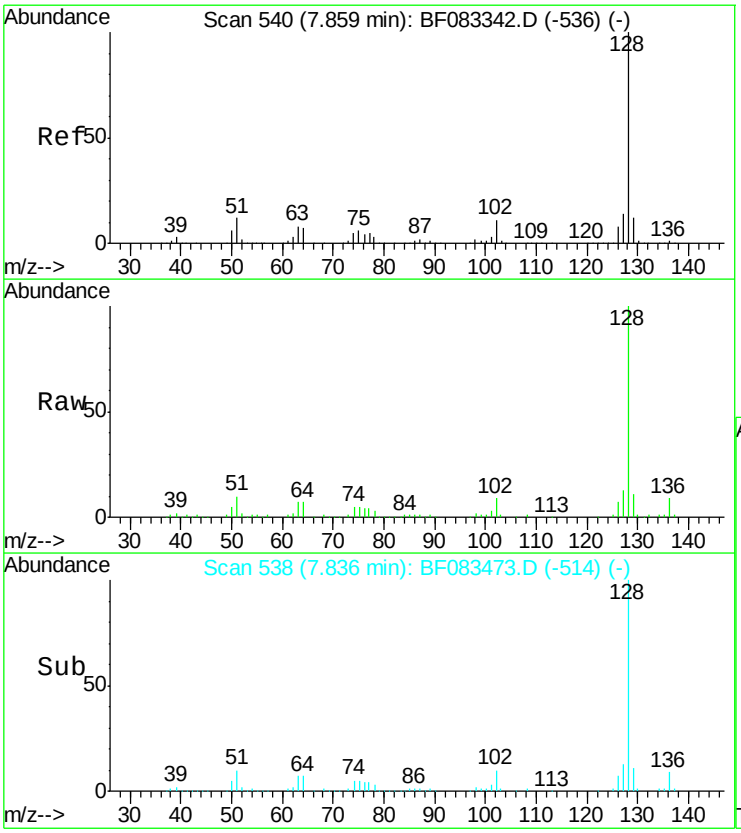
#23
Nitrobenzene-d5
Concen: 67.82 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion: 82 Resp: 1058063

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	46.0
54	53.8	43.8	65.6

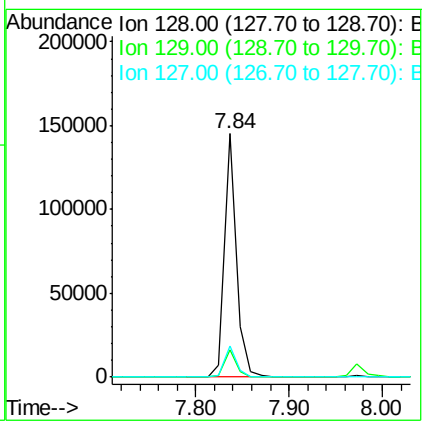


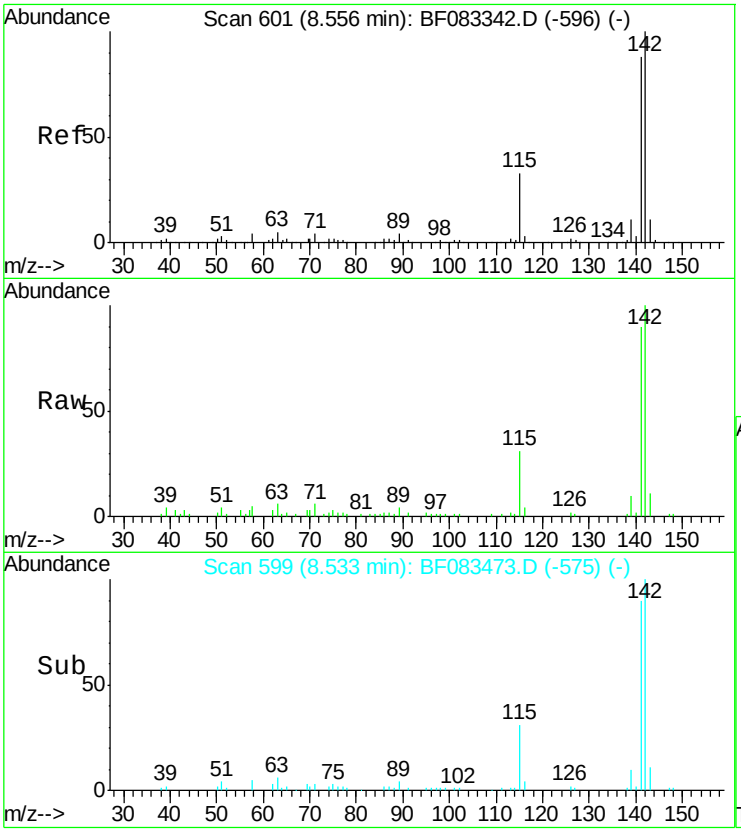


#31
Naphthalene
Concen: 3.49 ng
RT: 7.84 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:128 Resp: 129876

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	12.6	11.0	16.4



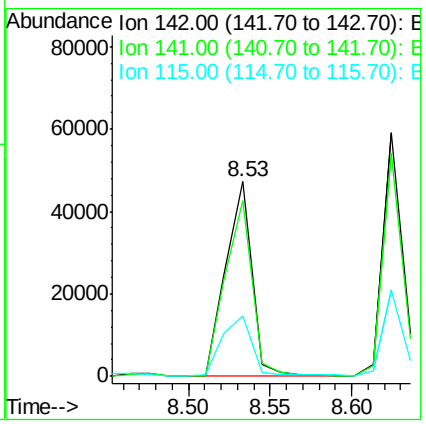


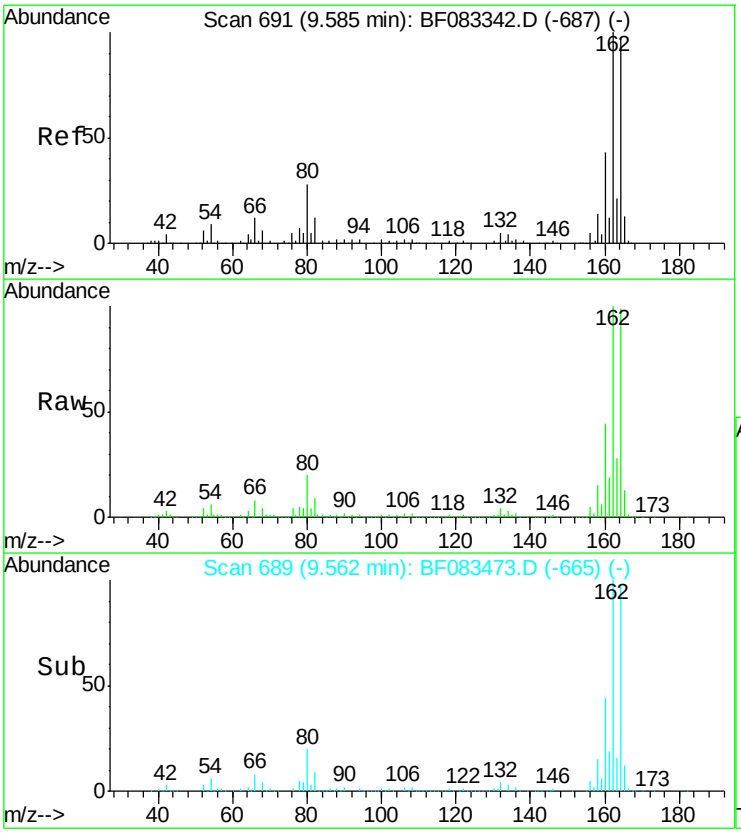
#37
2-Methylnaphthalene
Concen: 2.11 ng
RT: 8.53 min Scan# 599
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:142 Resp: 52544

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.6	105.8
115	31.1	26.2	39.2

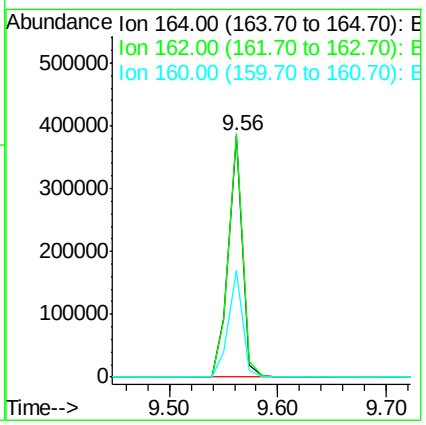


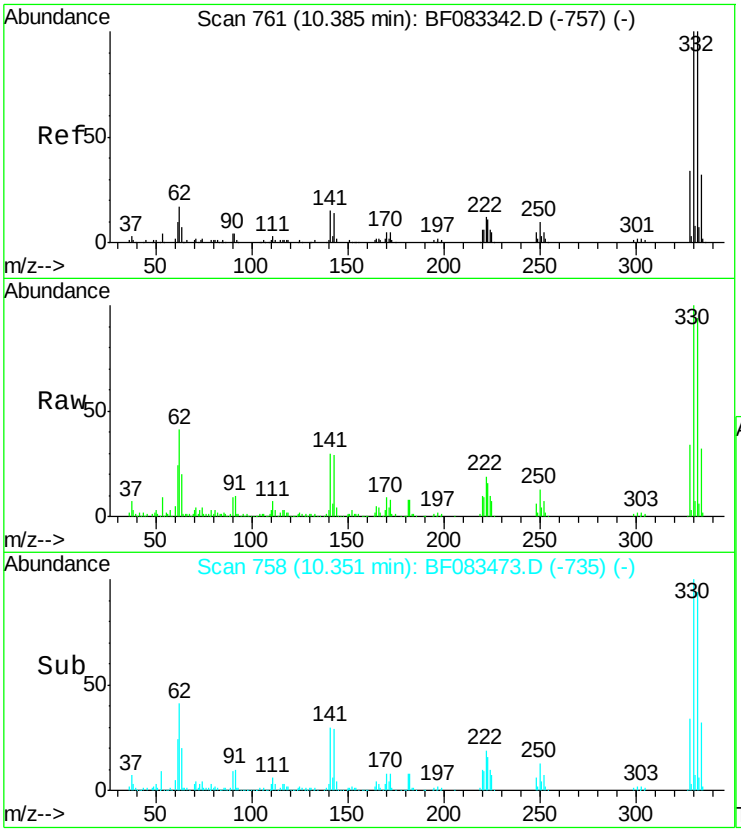


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:164 Resp: 342398

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.5	35.3	52.9



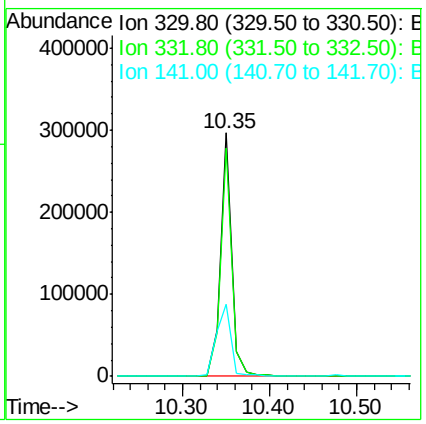


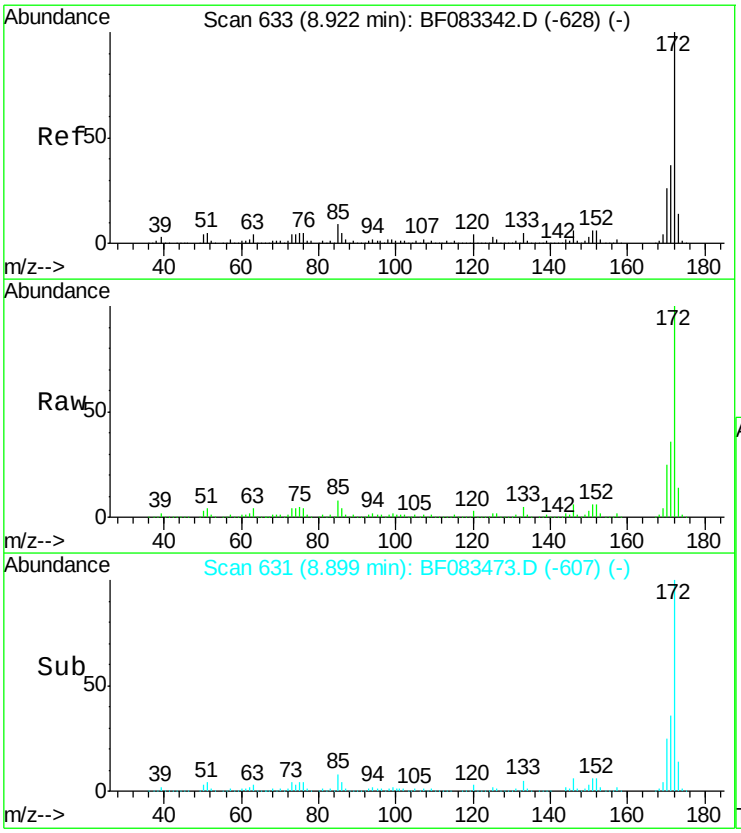
#41
2,4,6-Tribromophenol
Concen: 78.89 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:330 Resp: 271170

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.8	116.6
141	37.9	29.4	44.0

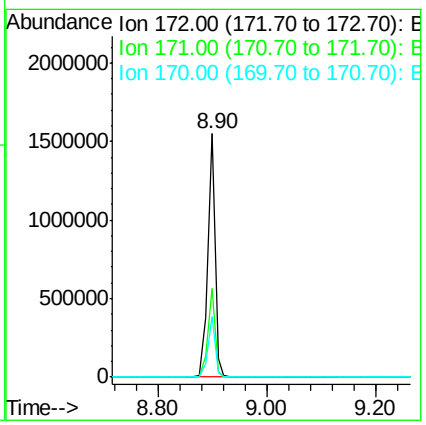


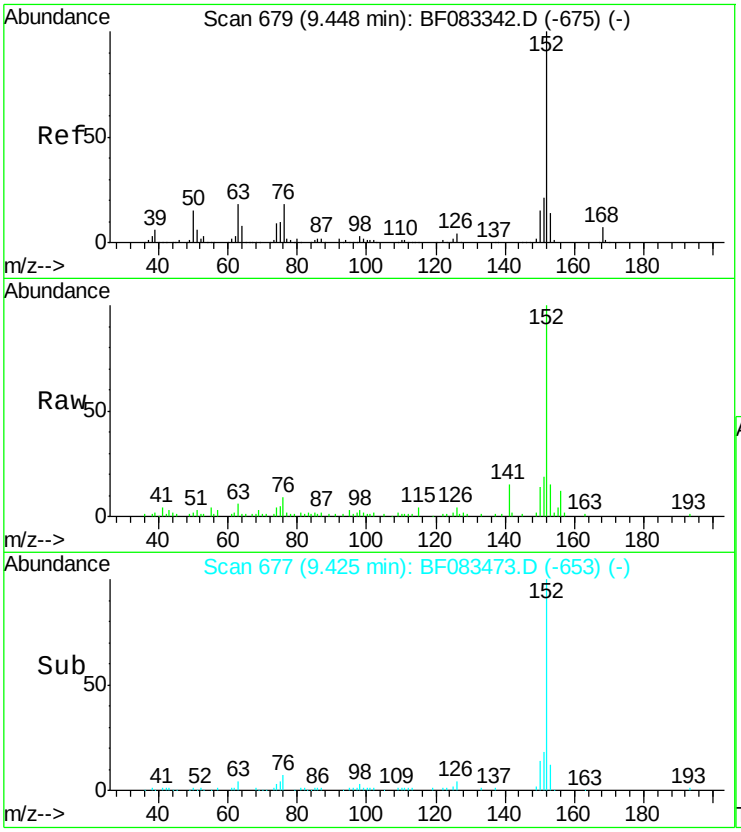


#44
2-Fluorobiphenyl
Concen: 59.45 ng
RT: 8.90 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:172 Resp: 1428450

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.4	30.6



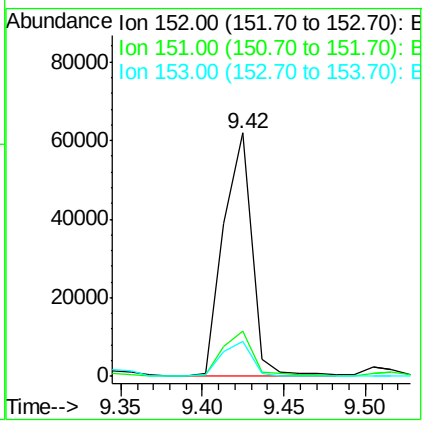


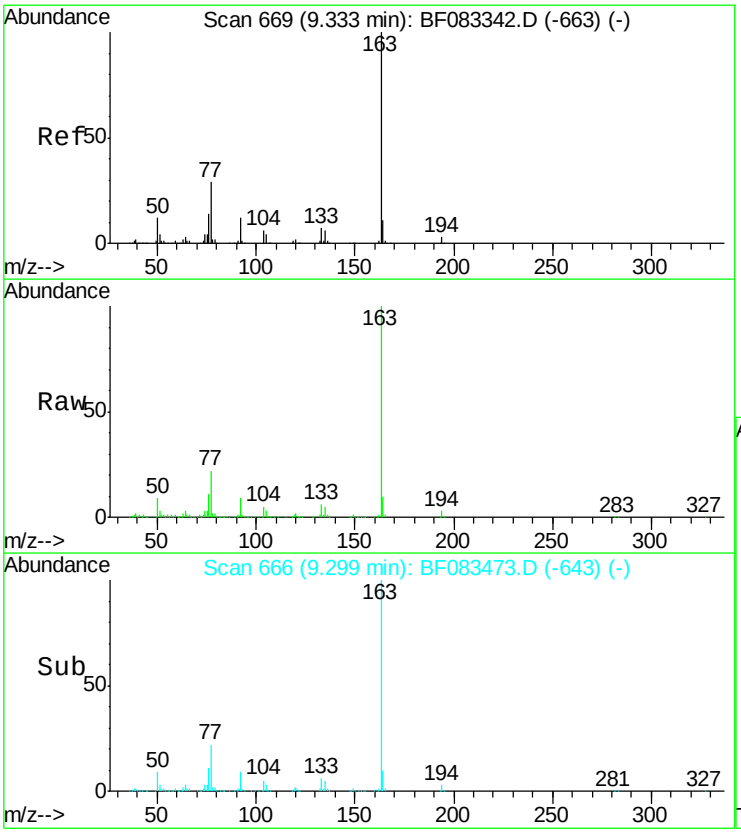
#48
Acenaphthylene
Concen: 2.05 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:152 Resp: 74752

Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.7	25.1
153	14.6	11.2	16.8

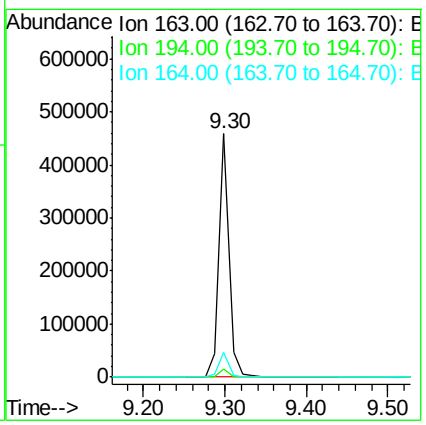


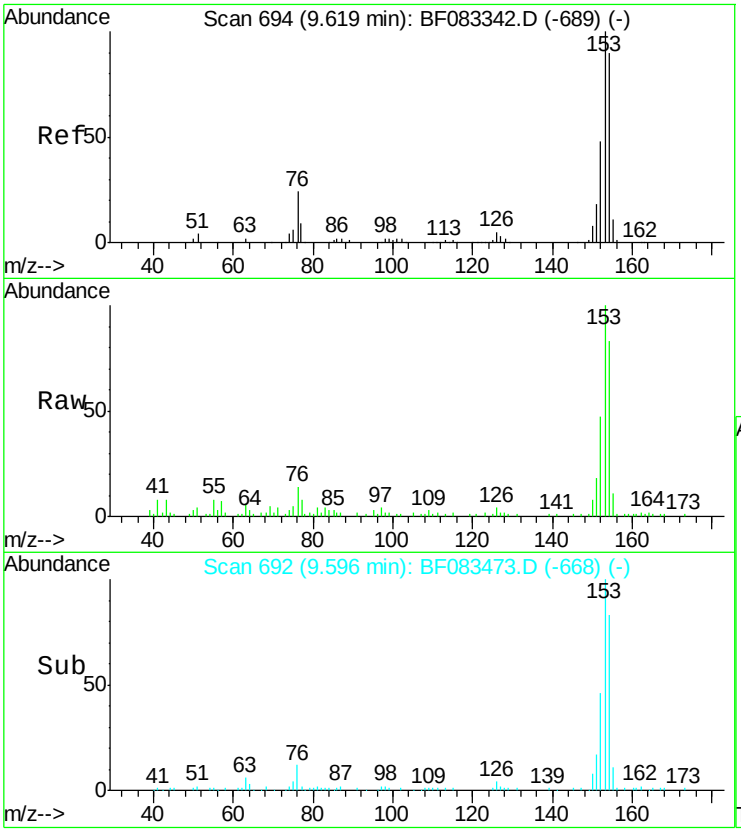


#49
Dimethylphthalate
Concen: 13.90 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:163 Resp: 386701

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.8	13.2



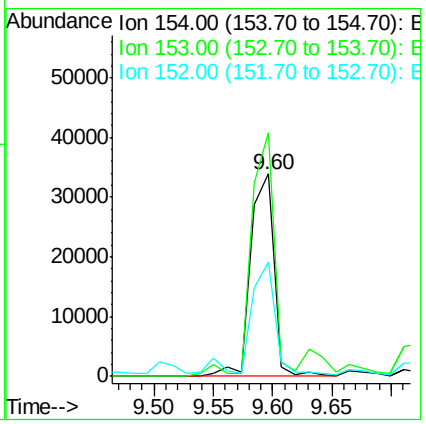


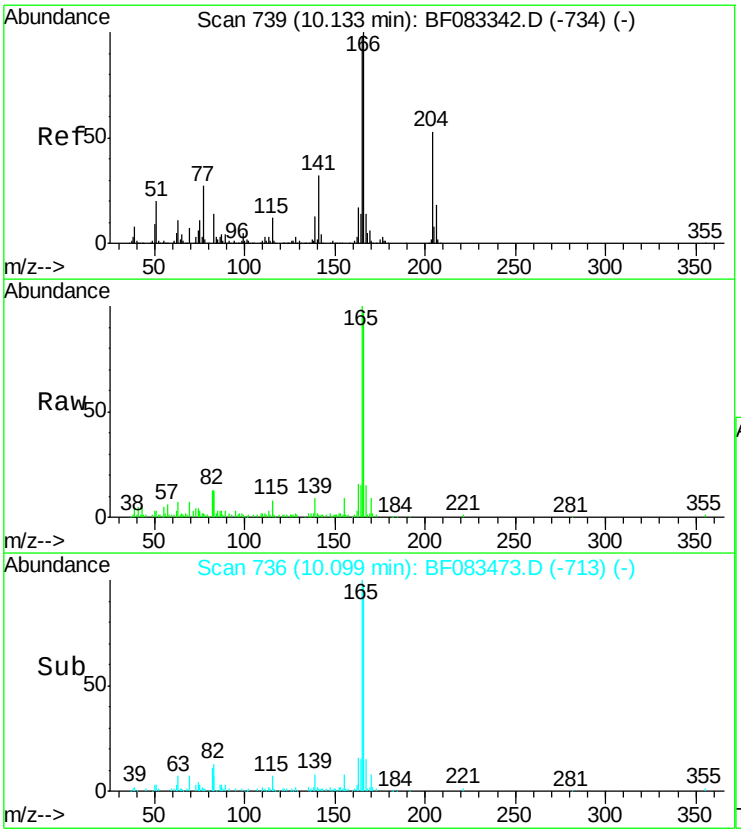
#51
Acenaphthene
Concen: 2.18 ng
RT: 9.60 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:154 Resp: 46906

Ion	Ratio	Lower	Upper
154	100		
153	120.5	89.3	133.9
152	56.8	42.5	63.7

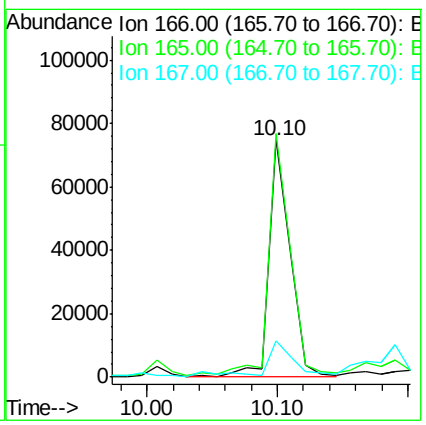


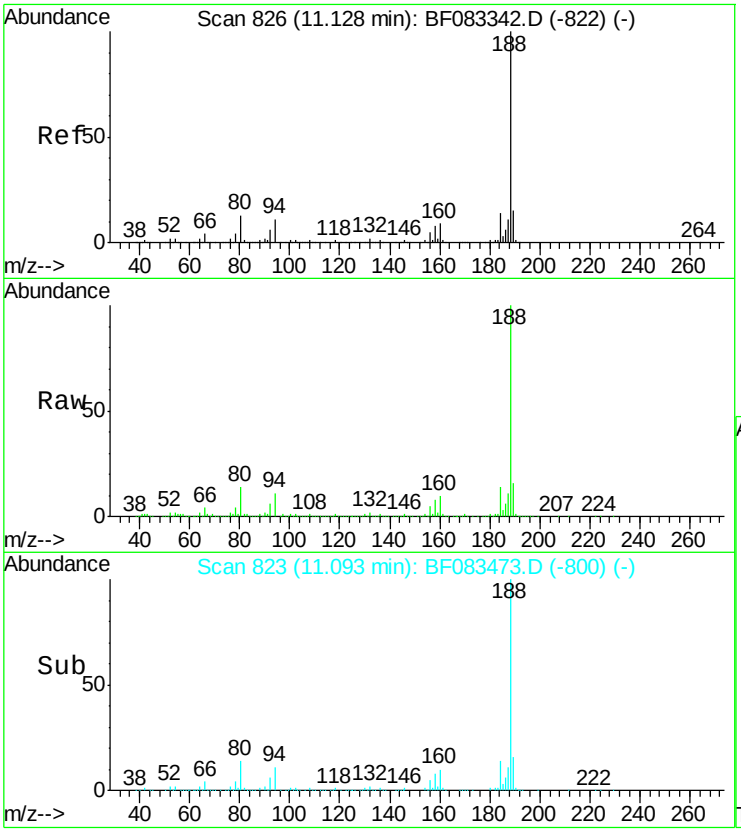


#57
Fluorene
Concen: 3.42 ng
RT: 10.10 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:166 Resp: 85013

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.3	117.5
167	15.5	11.1	16.7



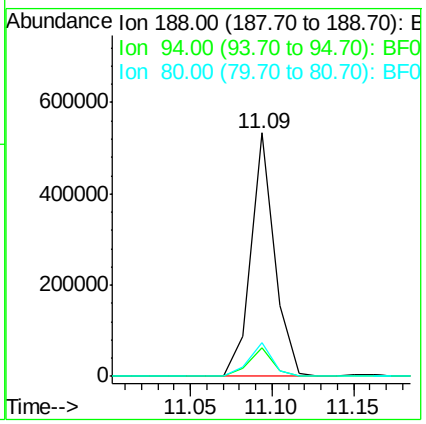


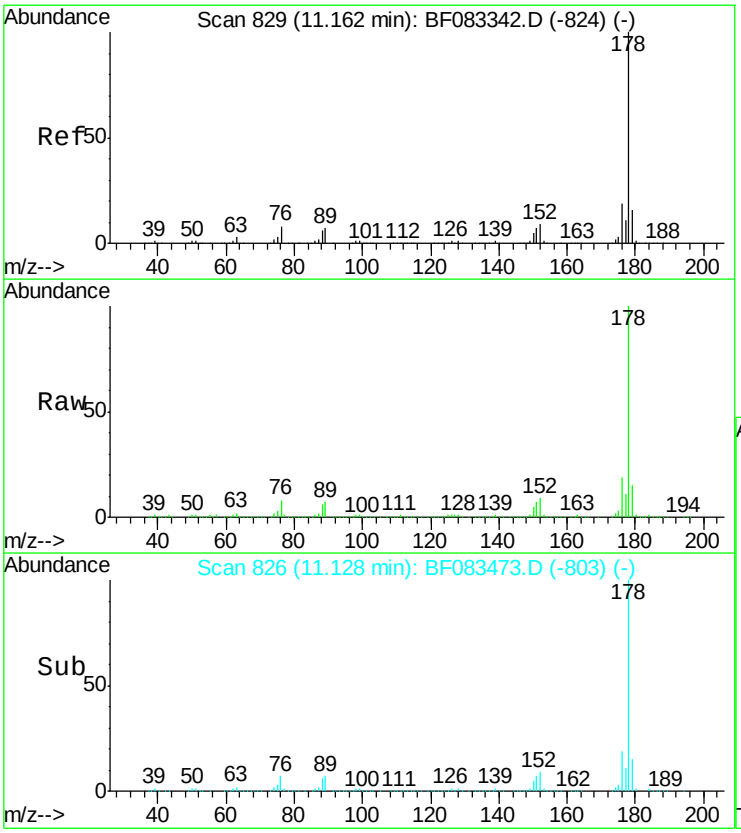
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:188 Resp: 539944

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.7	13.1
80	13.6	10.3	15.5

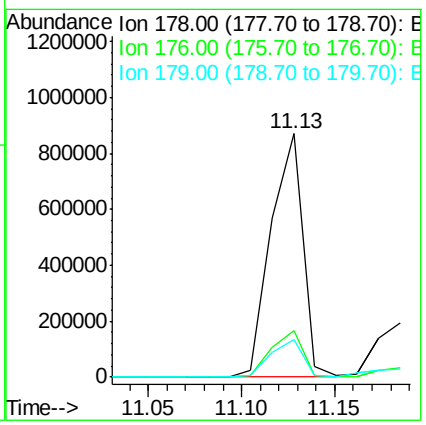


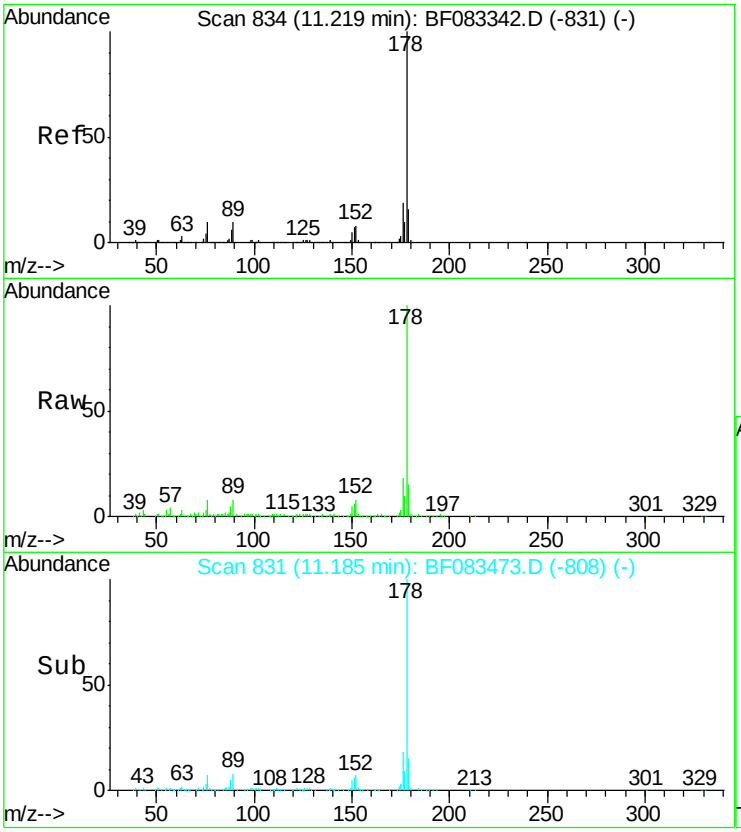


#70
Phenanthrene
Concen: 32.46 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:178 Resp: 1037308

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.4	18.6



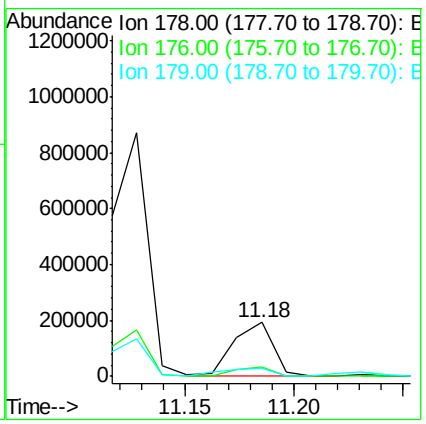


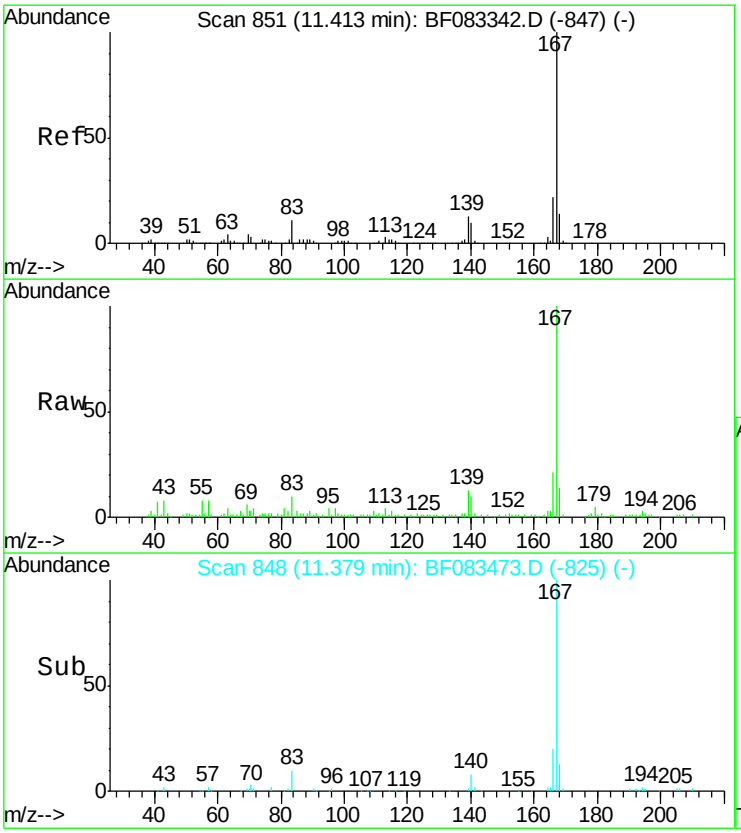
#71
Anthracene
Concen: 7.33 ng
RT: 11.18 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:178 Resp: 235789

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.3	12.8	19.2

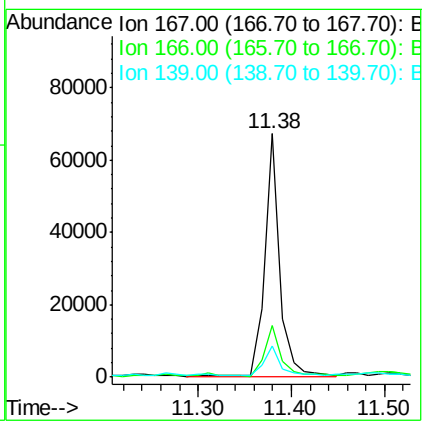


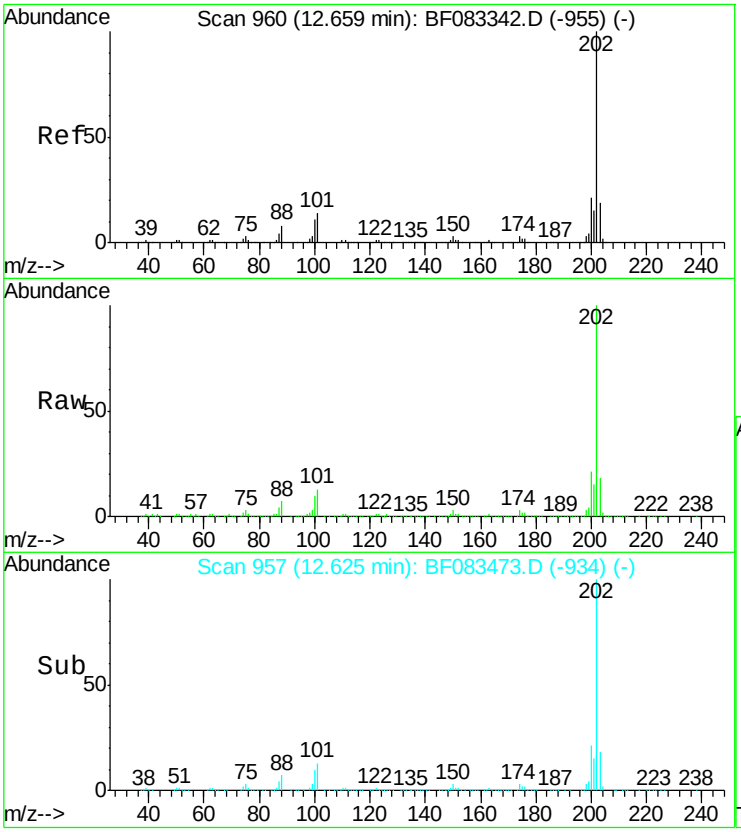


#72
Carbazole
Concen: 2.68 ng
RT: 11.38 min Scan# 848
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:167 Resp: 77392

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.0	10.5	15.7



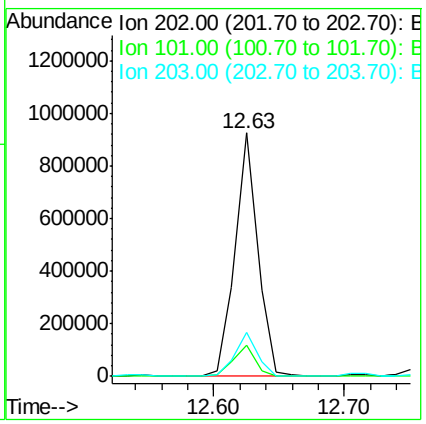


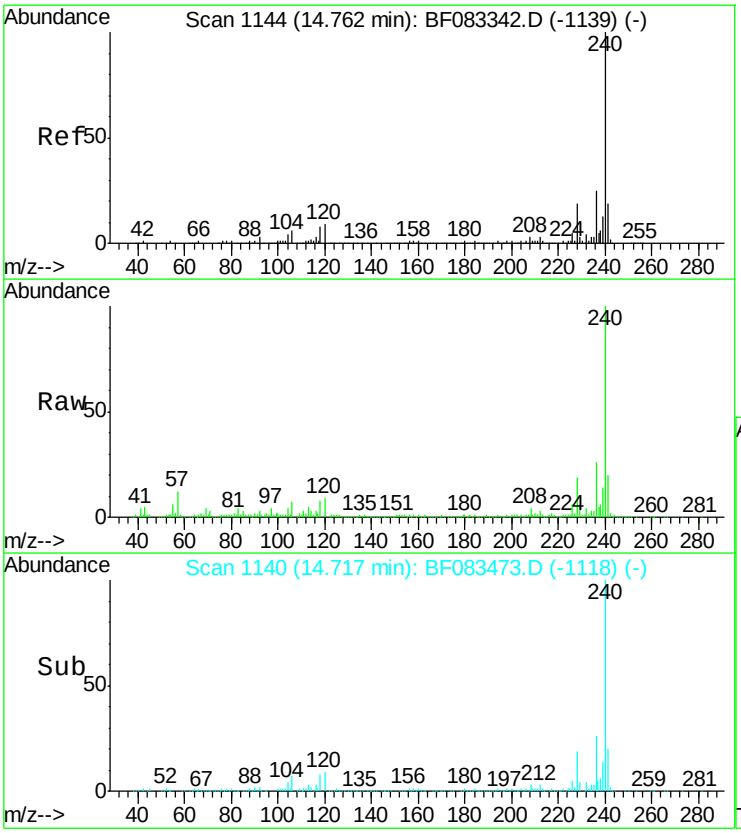
#74
Fluoranthene
Concen: 33.79 ng
RT: 12.63 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:202 Resp: 1119300

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.5
203	18.1	0.0	38.7

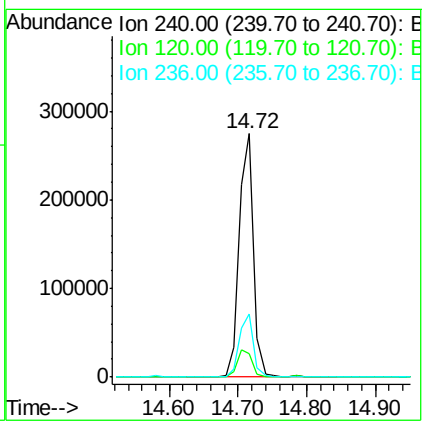


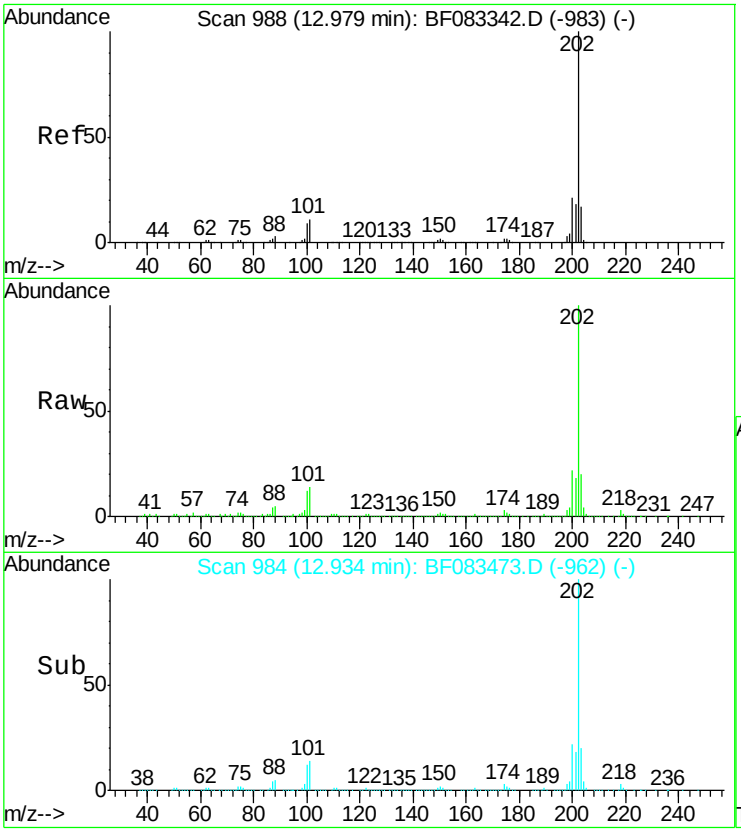


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:240 Resp: 401458

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.9	10.3
236	26.0	19.8	29.6



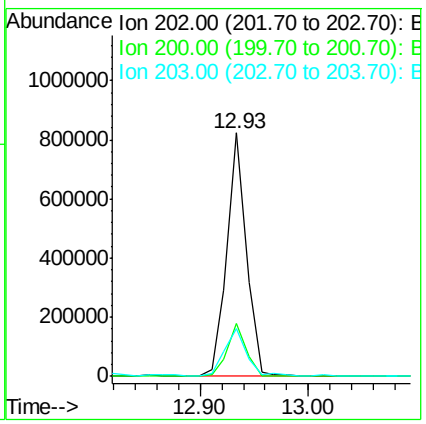


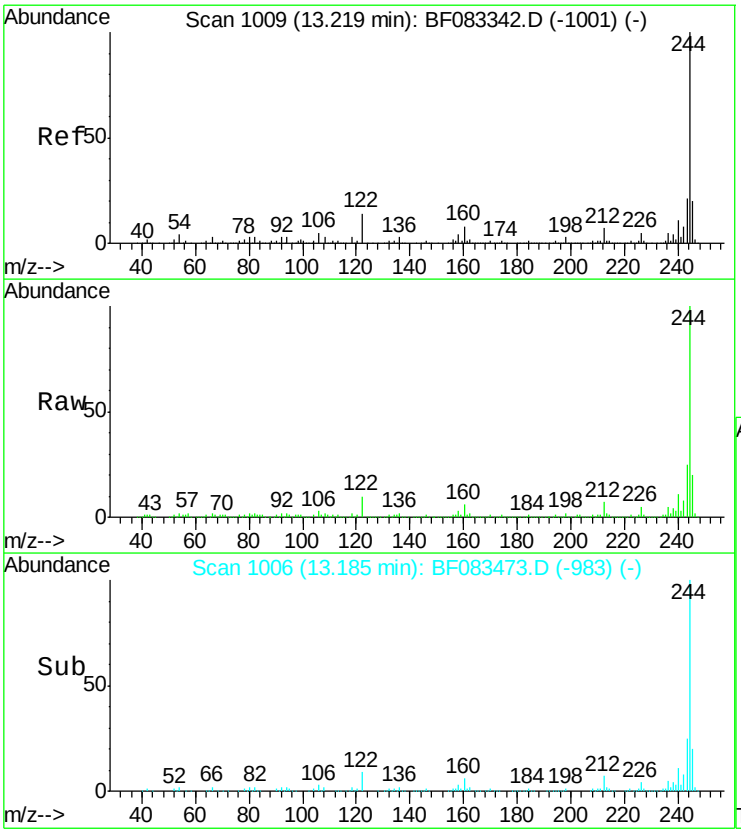
#77
Pyrene
Concen: 36.15 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:202 Resp: 1013579

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	19.8	13.9	20.9

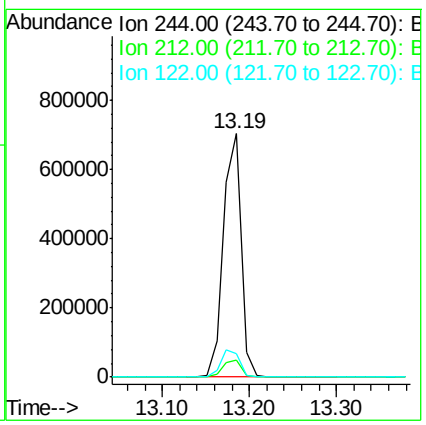


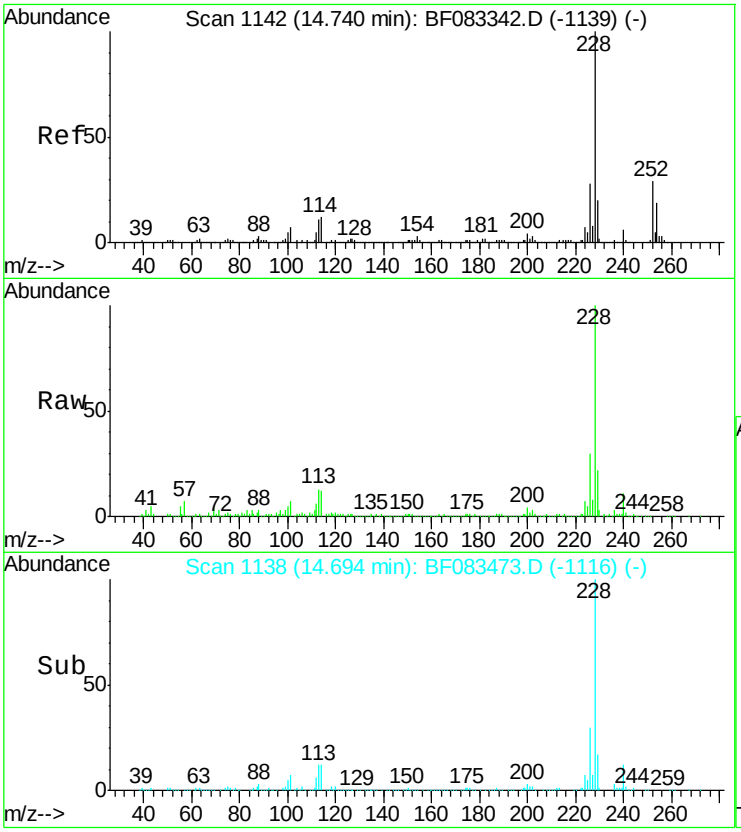


#78
Terphenyl-d14
Concen: 59.37 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:244 Resp: 999470

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	9.6	11.0	16.4#



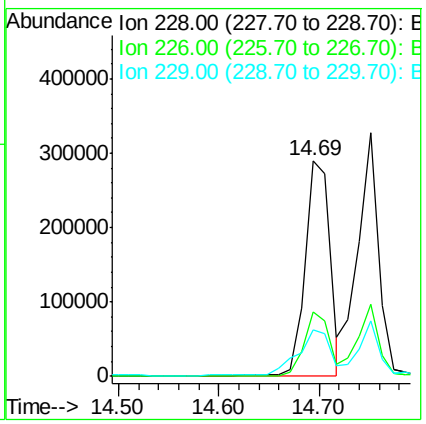


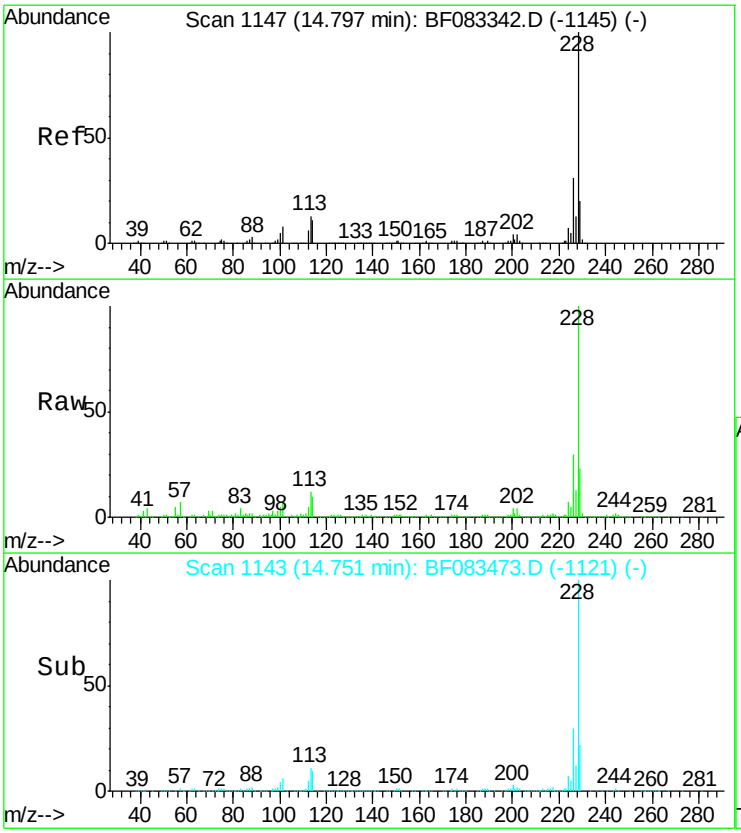
#80
Benzo(a)anthracene
Concen: 20.14 ng
RT: 14.69 min Scan# 1138
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:228 Resp: 495471

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.2	33.4
229	21.8	16.1	24.1

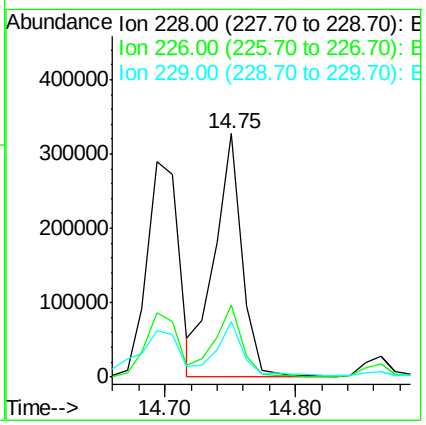


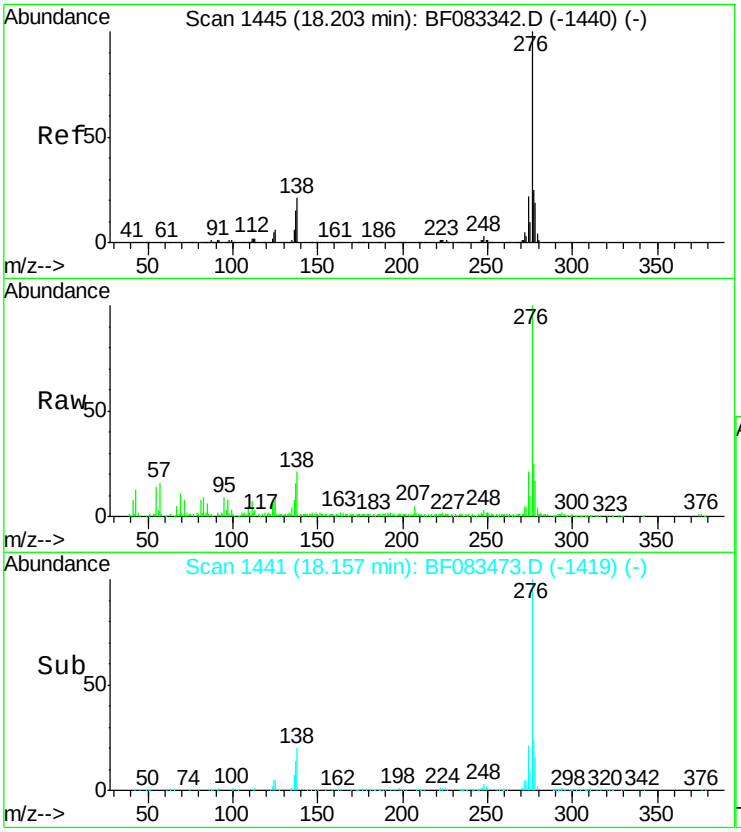


#82
Chrysene
Concen: 20.04 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:228 Resp: 476221

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	37.0
229	22.7	16.2	24.2



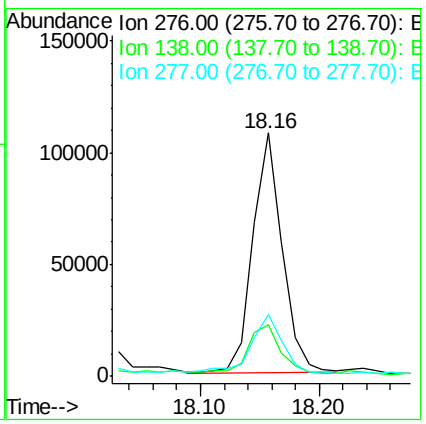


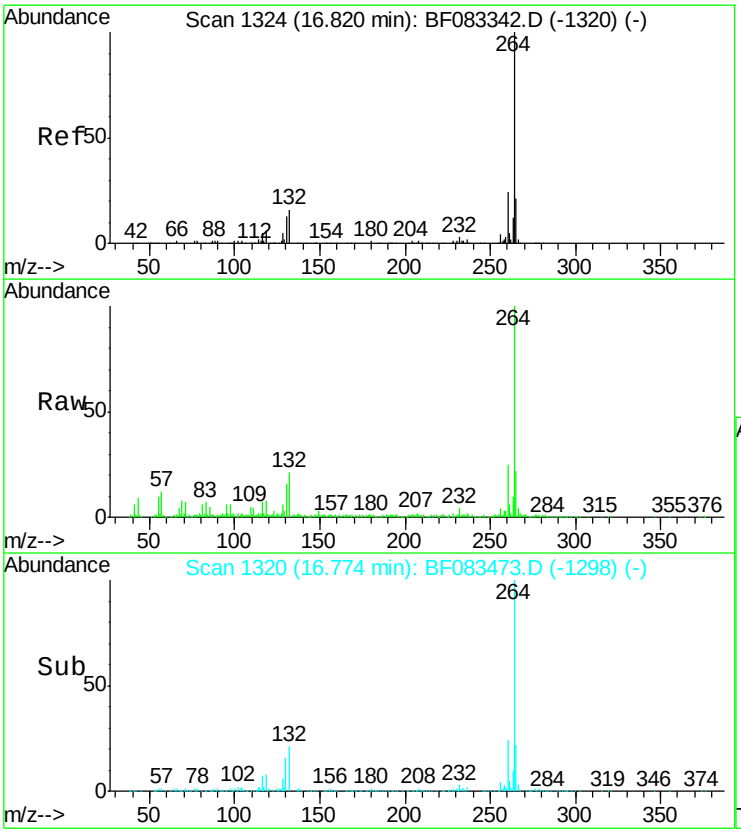
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.80 ng
RT: 18.16 min Scan# 1441
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:276 Resp: 186902

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.2	31.8
277	27.8	20.0	30.0

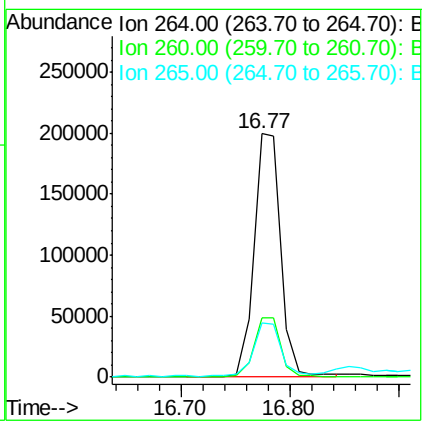


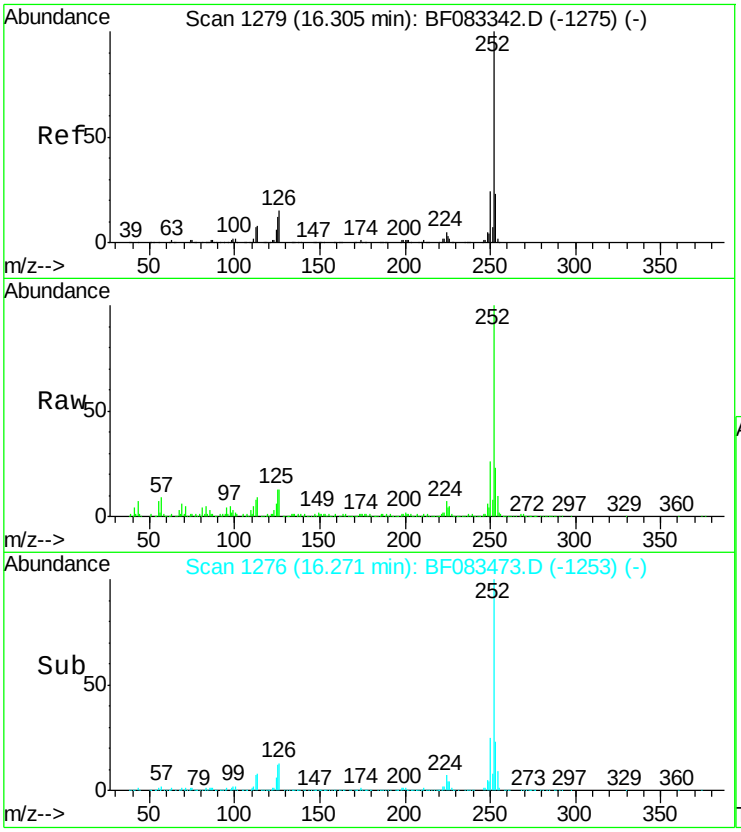


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:264 Resp: 340487

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	22.3	16.8	25.2



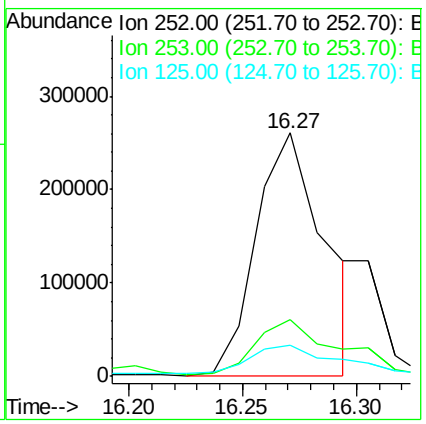


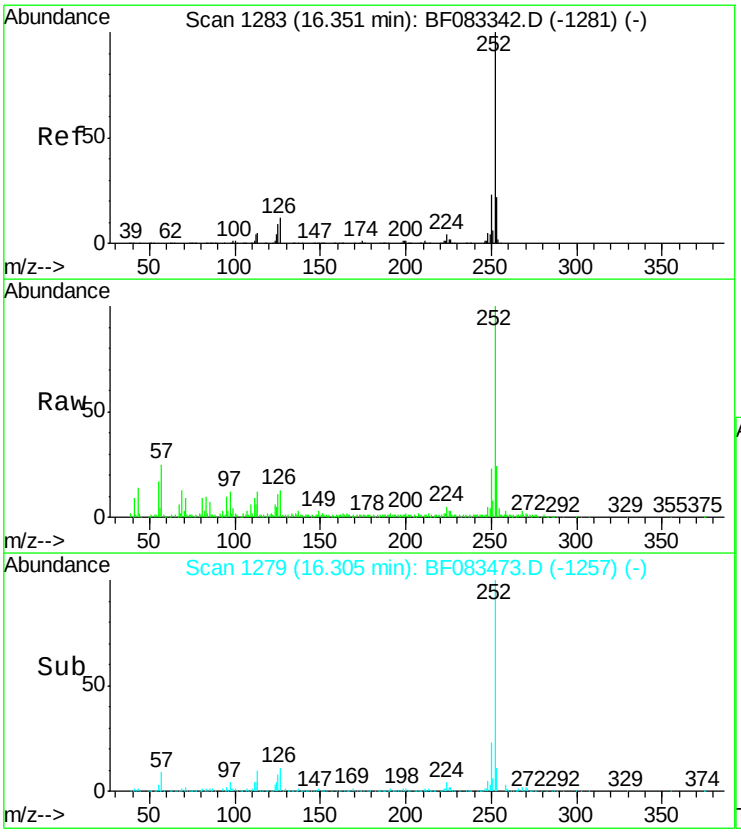
#87
Benzo(b)fluoranthene
Concen: 25.14 ng m
RT: 16.27 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:252 Resp: 549264

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.4	27.6
125	13.0	9.6	14.4

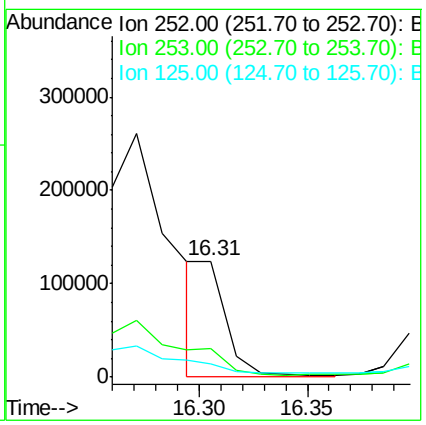


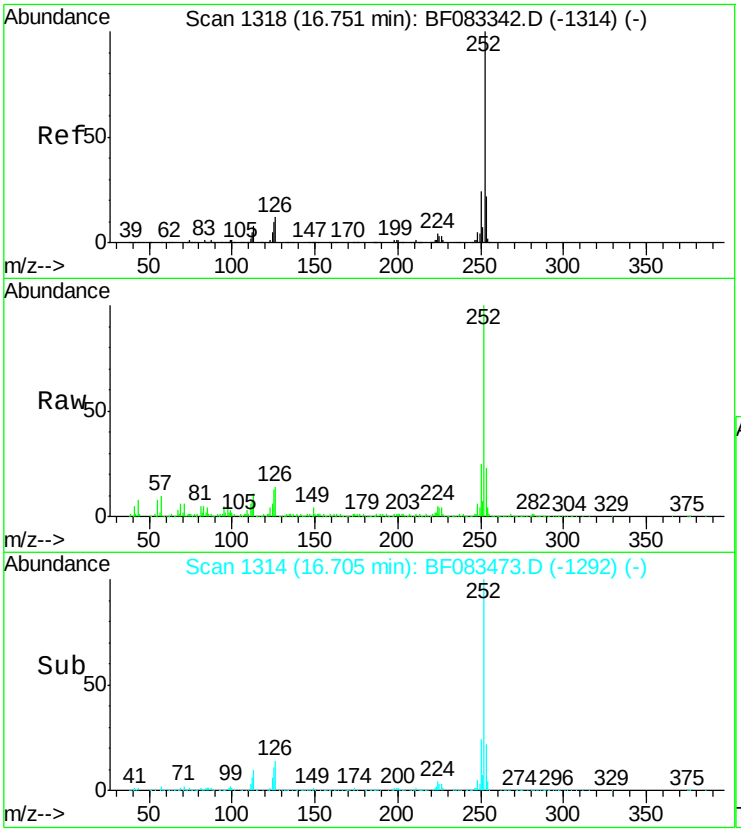


#88
Benzo(k)fluoranthene
Concen: 5.30 ng m
RT: 16.31 min Scan# 1279
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:252 Resp: 109371

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	11.3	7.5	11.3#



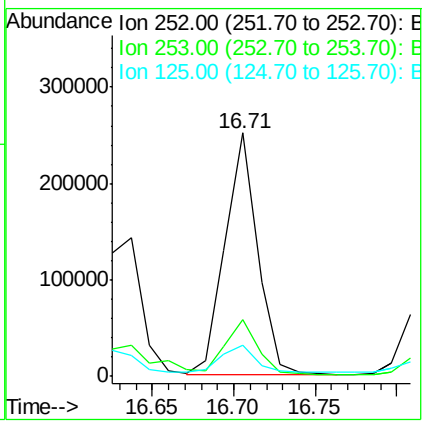


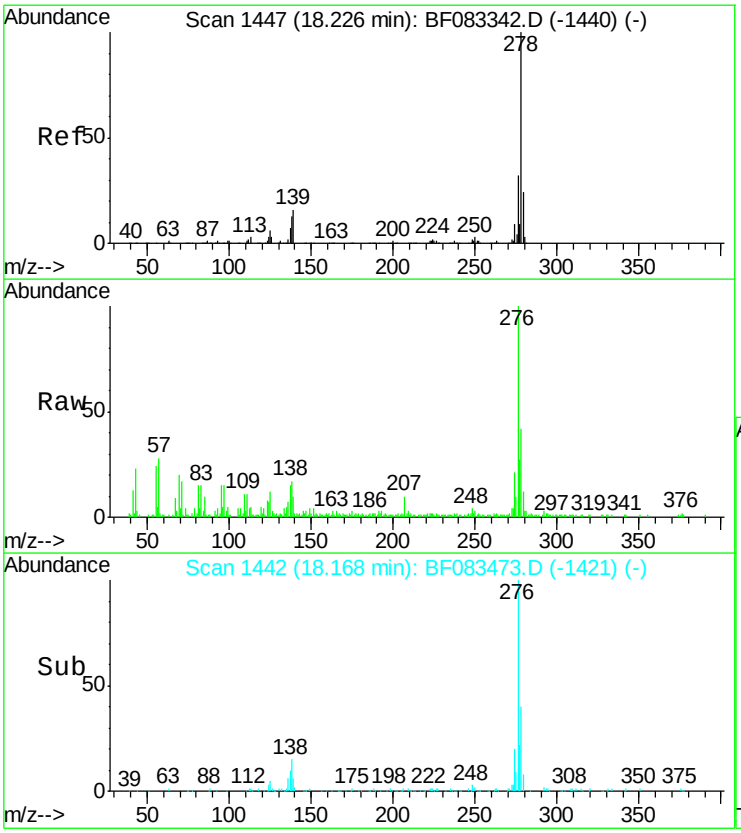
#89
Benzo(a)pyrene
Concen: 18.56 ng
RT: 16.71 min Scan# 1314
Delta R.T. -0.05 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:252 Resp: 348246

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.9	7.8	11.8#

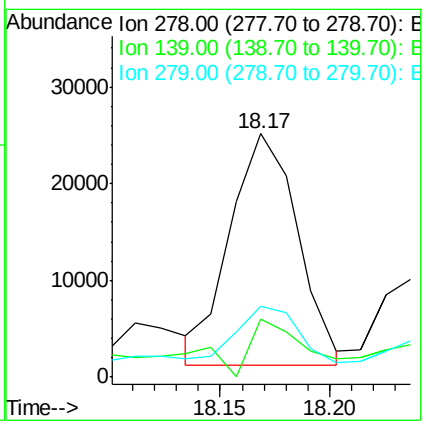


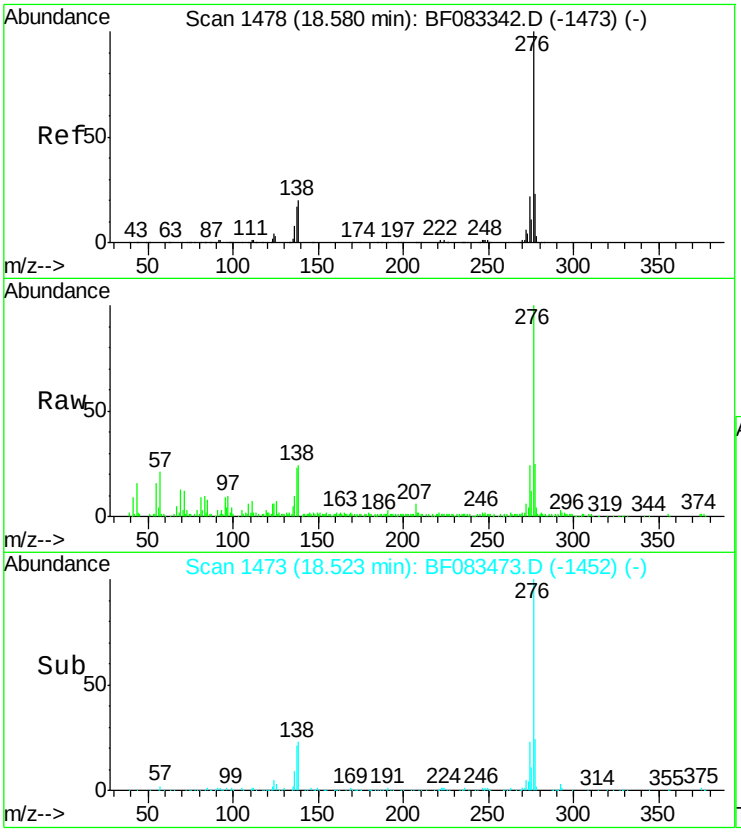


#90
Dibenzo(a,h)anthracene
Concen: 3.14 ng m
RT: 18.17 min Scan# 1442
Delta R.T. -0.06 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Tgt Ion:278 Resp: 51354

Ion	Ratio	Lower	Upper
278	100		
139	23.8	13.1	19.7#
279	29.1	19.2	28.8#





#91
Benzo(g,h,i)perylene
Concen: 10.79 ng
RT: 18.52 min Scan# 1473
Delta R.T. -0.06 min
Lab File: BF083473.D
Acq: 3 Dec 2015 21:50

Instrument :
BNA_F
ClientSampleId :
CWC-MISC-4-20151130

Tgt Ion:276 Resp: 173233

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.6	28.0
138	24.5	16.1	24.1#